



115542

**Harding Lawson Associates**

April 7, 1995

29872 06.1

Ms. Sherrel Taylor-Domville
United States Environmental Protection Agency
Section II
Emergency and Remedial Response Division
290 Broadway
New York, New York 10007-1866

**Results of Soil and Initial Groundwater Sampling
Island Chemical Company, St. Croix, U.S. Virgin Islands**

Dear Ms. Taylor-Domville:

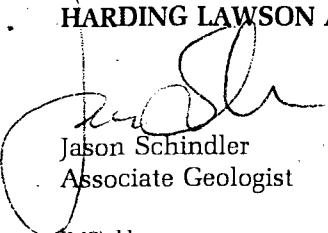
Enclosed are the raw data for pyridine analyses performed on the subject samples. Analyses were performed by PACE Incorporated Environmental Laboratories. These raw data were not included in the data packages forwarded to EPA on April 5, 1995.

These data are subsets of PACE report groups 95010, 95020, and 95022. No pyridine data were generated for report group 95026.

Harding Lawson Associates is currently validating these data. Until data validation is complete, all results should be considered preliminary.

Please call me if you have any questions.

Yours very truly,

HARDING LAWSON ASSOCIATES

Jason Schindler
Associate Geologist

JMS/skb
\\WORK\29872\01\EPA-011.LET

Enclosures

300257

April 5, 1995

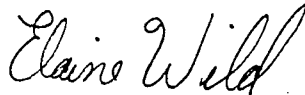
Steve Bruckner
Harding Lawson & Associates
131 North Third Street
Philadelphia, PA 19106

Dear Steve:

Please find enclosed the pyridine analysis supporting raw data for Report Groups #95010, 95020 and 95022. We apologize for the omission of this raw data in your original reports.

If you have any questions, comments, or concerns please feel free to contact me or Molly McGraw at (504) 469-0333.

Sincerely,



Elaine Wild
QA Officer

c: QA Log #2255

Mike Phillips
Harding Lawson & Associates - Denver

300258

Raw pyridine data

R.G. 95010

Jan & Feb '95
Soil Samples

MASS SPECTRUM

11/09/94 9:26:00 + 8:33

SAMPLE: DFTPP 244-92-PERF

CONDS.: RTX-5 0.25MM X 30M 1.0UM 45/4-325020 INST 8

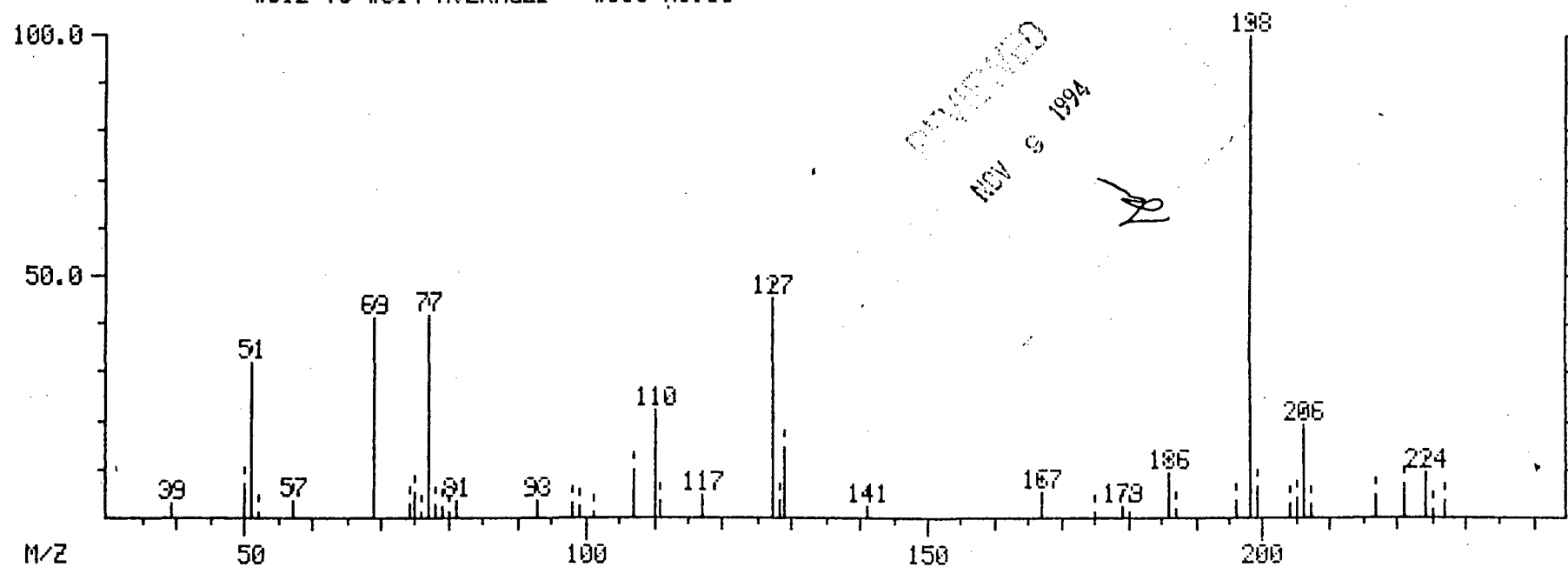
#512 TO #514 AVERAGED - #505 X1.00

DATA: BP110994A #513

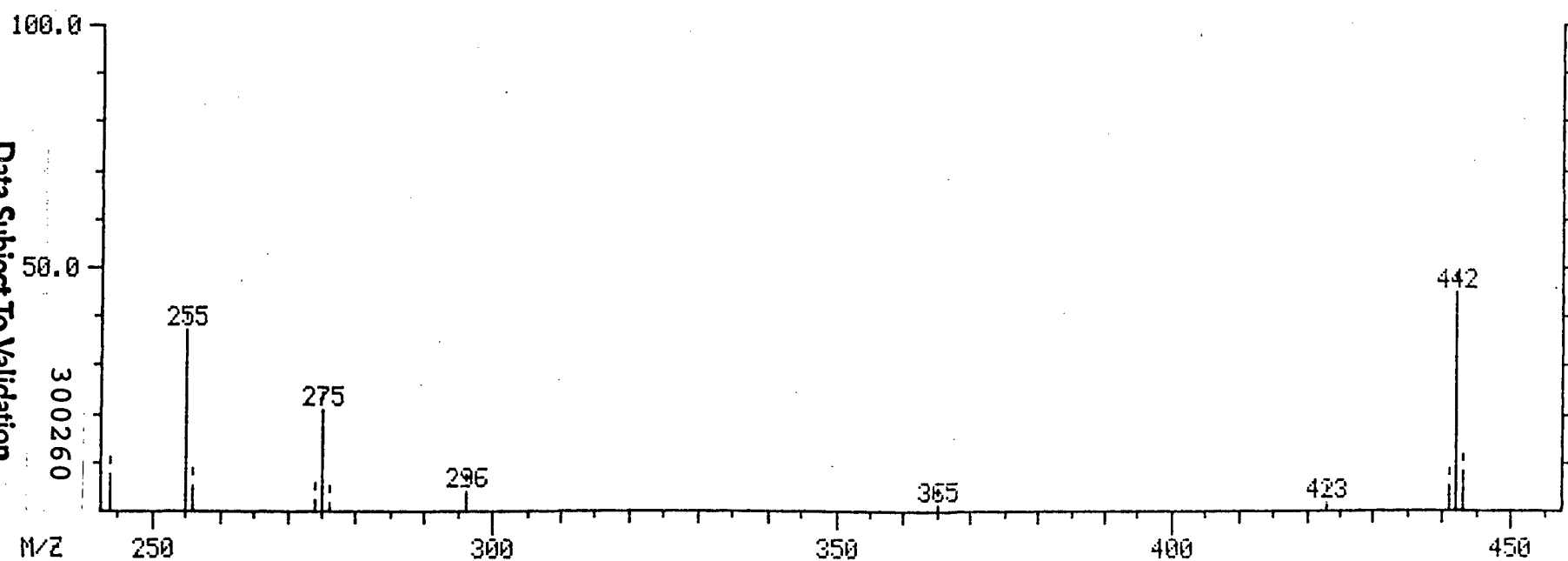
CALI: BP110994A #1

BASE M/Z: 198

RIC: 14672.



2480.



2480.

RIC

11/09/94 9:26:00

SAMPLE: DFTPP 244-92-PERF

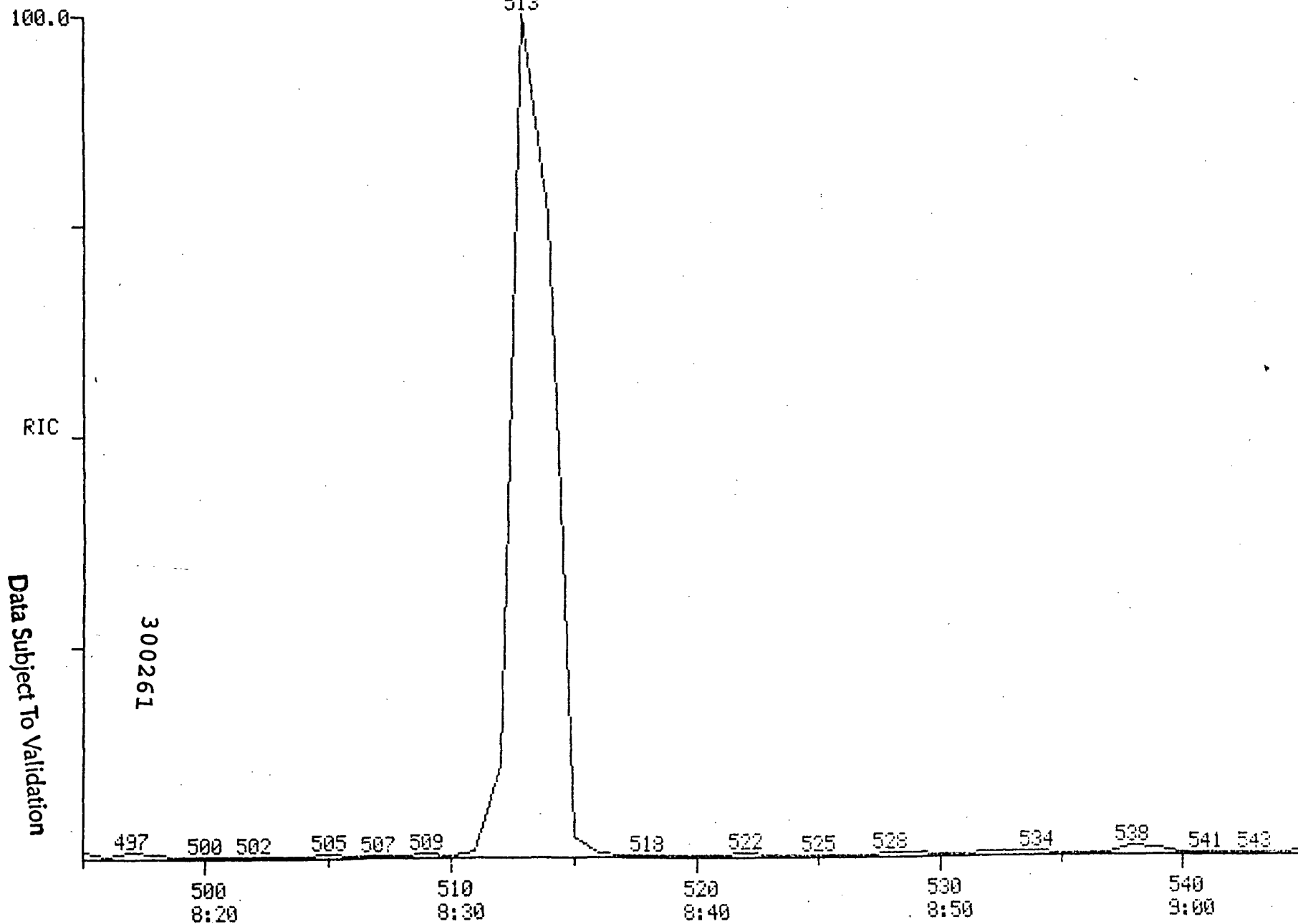
CONDS.: RTX-5 0.25MM X 30M 1.0UM 45/4-325020 INST B

RANGE: G 1, 700 LABEL: N 0, 4.0 QUAN: A 0, 1.0 J 0 BASE: U 20, 3

DATA: BP110994A #512

SCANS 495 TO 545

CALI: BP110994A #1



23680.

RIC+MASS CHROMATOGRAM

11/09/94 9:26:00

SAMPLE: DFTPP 244-92-PERF

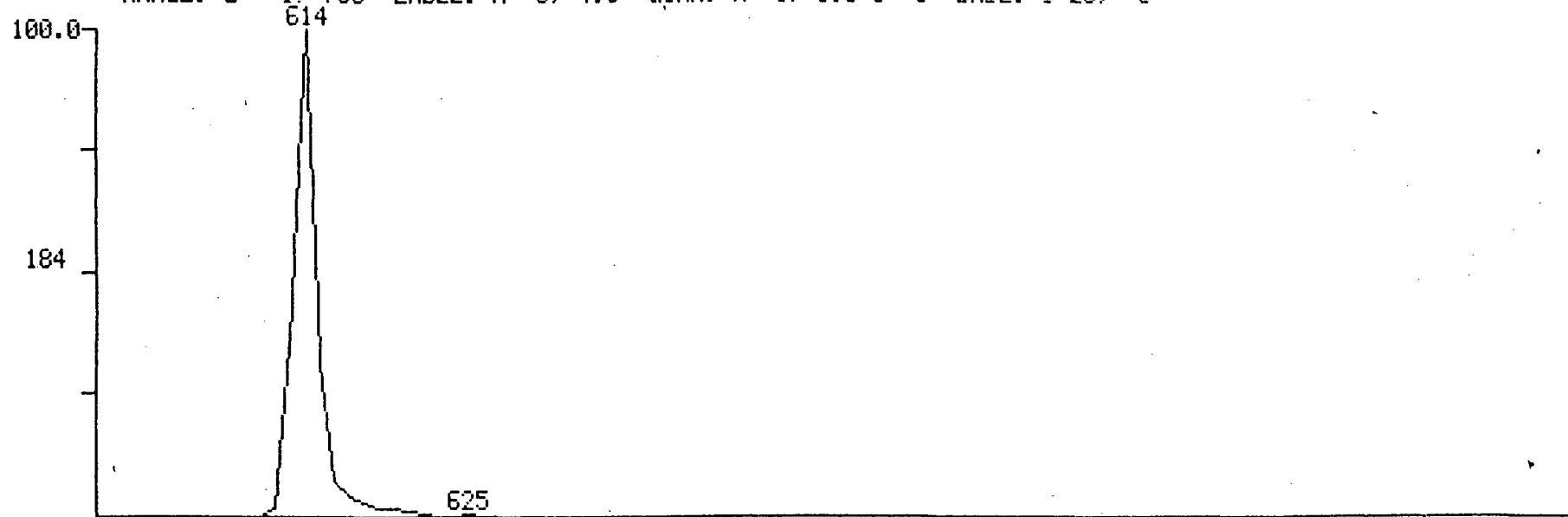
CONDS.: RTX-5 0.25MM X 30M 1.0UM 45/4-325020 INST B

RANGE: G 1, 700 LABEL: N 0, 4.0 QUAN: A 0, 1.0 J 0 BASE: U 20, 3

DATA: BP110994A #512

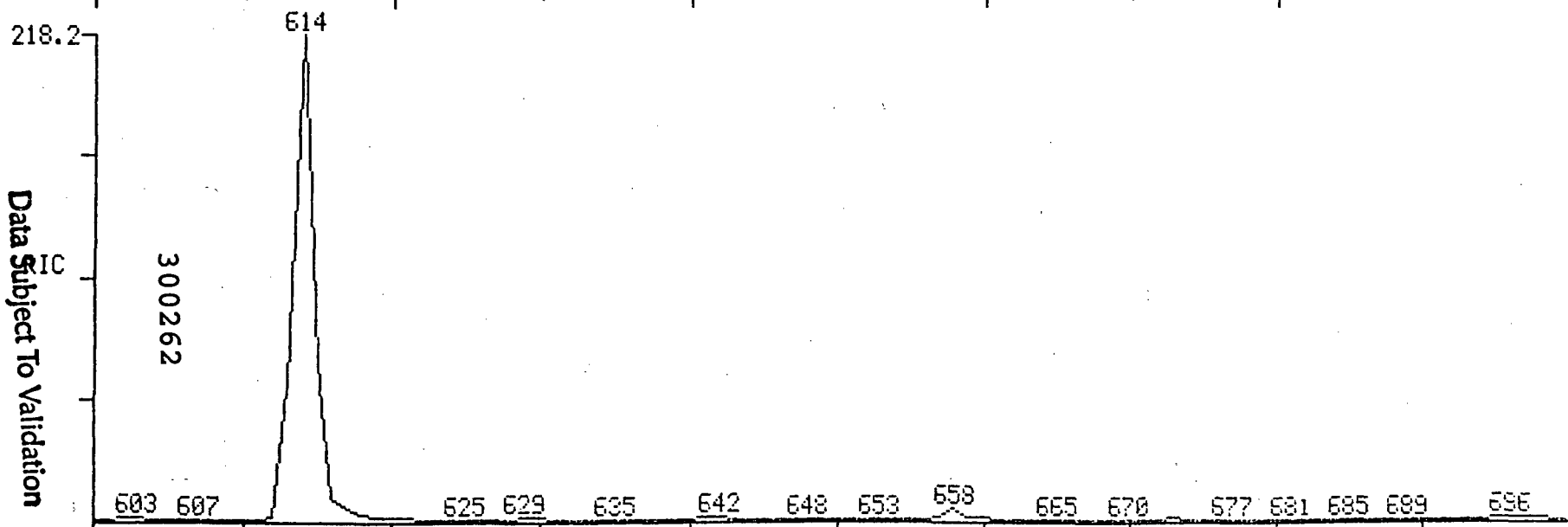
SCANS 600 TO 700

CALI: BP110994A #1



9856.

184.055
± 0.500



21504.

Data Subject To Validation

300262

600 10:00 620 10:20 640 10:40 660 11:00 680 11:20 700 11:40 SCAN TIME

Mass List

11/09/94 9:26:00 + 8:33

Data: BP110994A # 513

Base m/z: 198

Cali: BP110994A # 1

RIC: 14672.

Sample: DFTPP 244-92-PERF

Conds.: RTX-5 0.25MM X 30M 1.0UM 45/4-325@20 INST B

#512 to #514 averaged - #505 X1.00

39 443 Mass	0.00 % RA	0. Inten.	Minima Maxima Mass	Min #	Inten: 0 % RA	0. Inten.	
39?	S	3.19	79.	296	S	3.79	94.
50?	S	7.10	176.	365	S	1.33	33.
51?	S	31.73	787.	423	S	1.98	49.
52?	S	1.05	26.	441	S	5.32	132.
57?	S	3.55	88.	442	S	44.76	1110.
69	S	41.09	1019.	443	S	8.19	203.
74	S	2.94	73.				
75	S	5.48	136.				
76	S	1.17	29.				
77	S	41.61	1032.				
78	S	2.86	71.				
79	S	2.26	56.				
80	S	1.17	29.				
81	S	3.47	86.				
93	S	3.31	82.				
98	S	2.78	69.				
99	S	2.42	60.				
101	S	1.13	28.				
107	S	9.88	245.				
110	S	22.38	555.				
111	S	3.59	89.				
117	S	4.68	116.				
127	S	45.56	1130.				
128	S	3.55	88.				
129	S	14.40	357.				
141	S	2.14	53.				
167	S	5.08	126.				
175	S	1.41	35.				
179	S	2.54	63.				
180	S	1.13	28.				
186	S	9.44	234.				
187	S	1.53	38.				
196	S	3.71	92.				
198	S	100.00	2480.				
199	S	6.41	159.				
204	S	2.62	65.				
205	S	4.35	108.				
206	S	19.44	482.				
207	S	2.66	66.				
217	S	4.48	111.				
221	S	6.81	169.				
224	S	9.27	230.				
225	S	1.53	38.				
227	S	3.23	80.				
244	S	7.58	188.				
255	S	37.30	925.				
256	S	5.24	130.				
274	S	2.14	53.				
275	S	21.17	525.				
276	S	1.94	48.				

300263

Data Subject To Validation

GC/MS Tuning and Mass Calibration

DECAFLUOROTRIPHENYLPHOSPHINE

Case Number: Laboratory: GULF Contract:
Inst ID: B Sens Date: 11/09/94 Sens Time: 9:26:00
Lab ID: BP110994A Cali Date: 10/02/91 Analyst: JAM

Data release authorized by: _____

M/E	Ion Abundance Criteria	Spec # 512	
===	=====	=====	
51	30 to 60% of mass 198	31.73	
68	less than 2% of mass 69	0.00	(0.00) 1
69	mass 69 relative abundance	41.09	
70	less than 2% of mass 69	0.00	(0.00) 1
127	40 TO 60% of mass 198	45.56	
197	less than 1% of mass 198	0.00	
198	base peak, 100% relative abundance	100.00	
199	5 TO 9% of mass 198	6.41	
275	10 TO 30% of mass 198	21.17	
365	greater than 1% of mass 198	1.33	
441	less than mass 443	5.32	
442	greater than 40% of mass 198	44.76	
443	17 TO 23% of mass 442	8.19	(18.29) 2

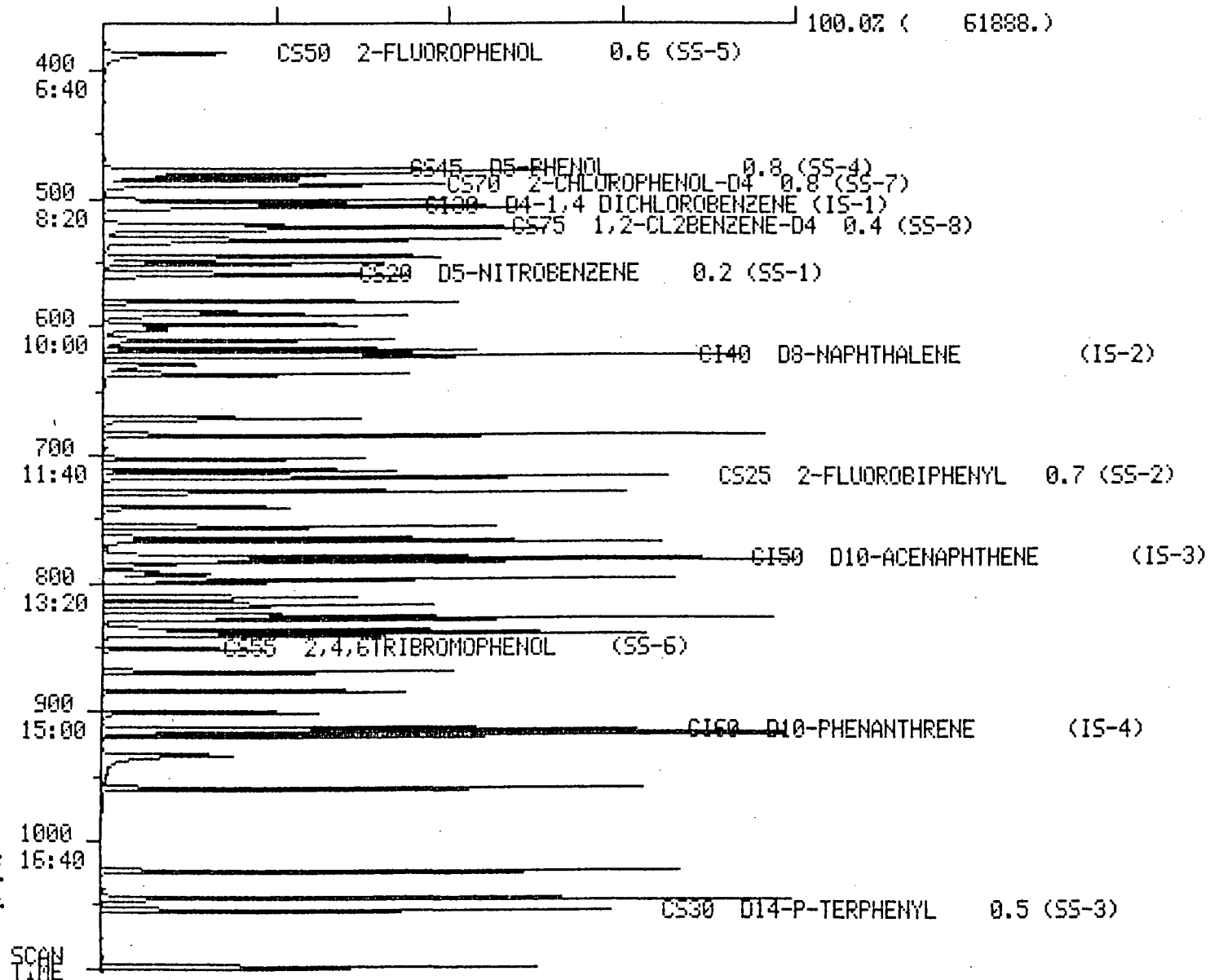
1 - value in parenthesis is % of mass 69

2 - value in parenthesis is % of mass 442

300264

Data Subject To Validation

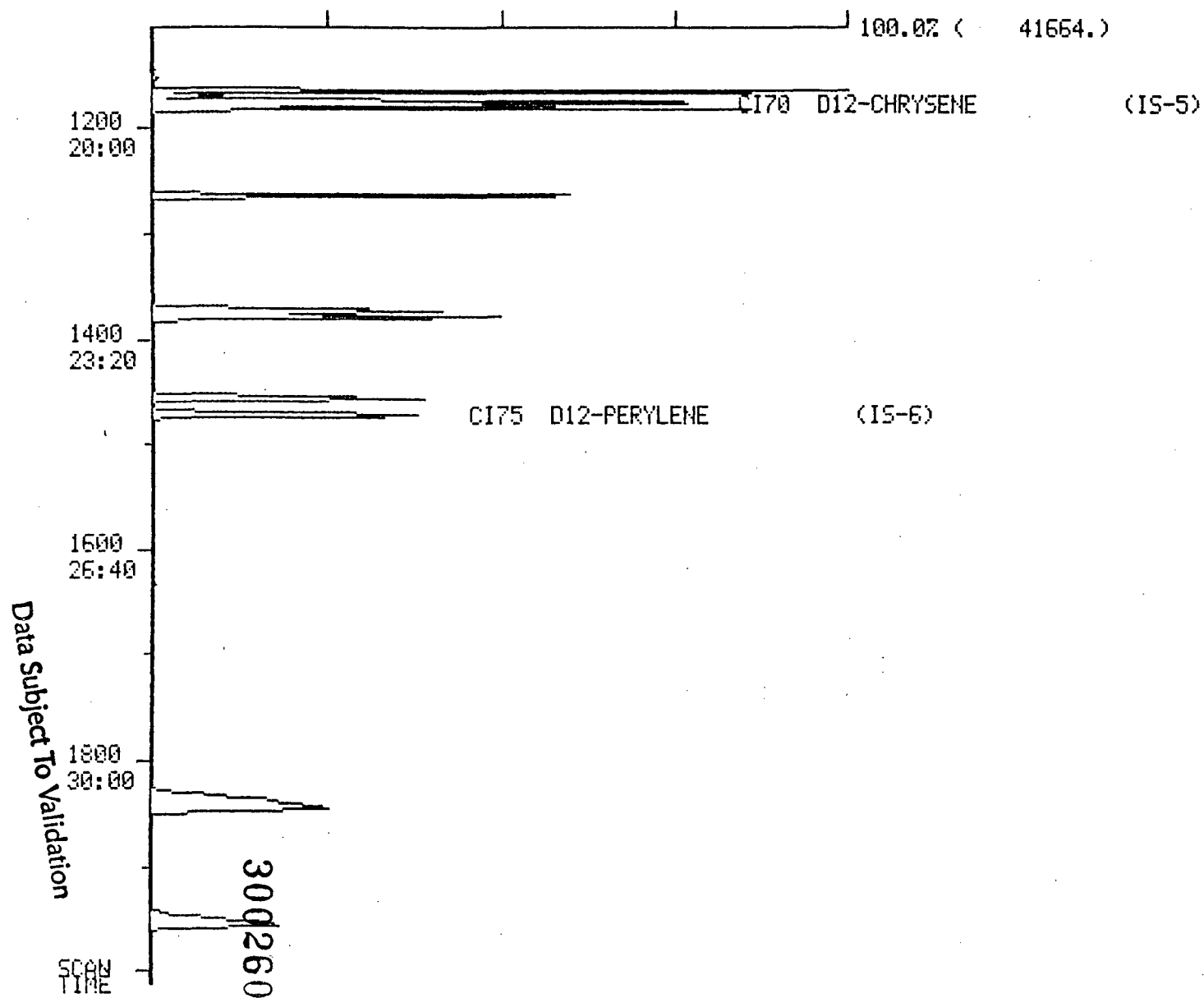
DATA FROM FILE: BS110994A SCANS 363 TO 1103 ACQUIRED: 11/09/94 9:48:00
CALI: BS110994A #1
SAMPLE: SST0050 290-02-SU25
CONDS.: RTX-5 0.25MM X 30M 1.0UM 45/4-325020 INST B



Data Subject To Validation
300265

NOV 9 1994

DATA FROM FILE: BS110994A SCANS 1103 TO 2012 ACQUIRED: 11/09/94 9:48:00
CALI: BS110994A #1
SAMPLE: SSTD050 290-02-SU25
CONDS.: RTX-5 0.25MM X 30M 1.0UM 45/4-325020 INST B



99200E

Quantitation Report File: BS110994A

Data: BS110994A.TI

11/09/94 9:48:00

Sample: SST050 290-02-SV25

Conds.: RTX-5 0.25MM X 30M 1.0UM 45/4-325@20

INST B

Formula: X X X

Instrument: B

Weight: 1.001

Submitted by:

Analyst: JAM

Acct. No.:

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

Resp. fac. from Library Entry

No	Name	
1	CI30	D4-1,4 DICHLOOROBENZENE (IS-1)
2	CI40	D8-NAPHTHALENE (IS-2)
3	CI50	D10-ACENAPHTHENE (IS-3)
4	CI60	D10-PHENANTHRENE (IS-4)
5	CI70	D12-CHRYSENE (IS-5)
6	CI75	D12-PERYLENE (IS-6)
7	CS50	2-FLUOROPHENOL 0.6 (SS-5)
8	CS45	D5-PHENOL 0.8 (SS-4)
9	CS20	D5-NITROBENZENE 0.2 (SS-1)
10	CS25	2-FLUOROBIPHENYL 0.7 (SS-2)
11	CS55	2,4,6TRIBROMOPHENOL (SS-6)
12	CS30	D14-P-TERPHENYL 0.5 (SS-3)
13	CS70	2-CHLOROPHENOL-D4 0.8 (SS-7)
14	CS75	1,2-CL2BENZENE-D4 0.4 (SS-8)
15	C315	*PHENOL 0.8
16	C325	BIS(2CHLOROETHYL)E 0.7
17	C330	2CHLOROPHENOL 0.8
18	C335	1,3DICHLOOROBENZENE 0.6
19	C340	*1,4DICHLOOROBENZENE 0.5 T
20	C320	ANILINE
21	C310	N-NITROSODIMETHYLAMINE
22	C319	PYRIDINE T
23	C345	BENZYL ALCOHOL
24	C350	1,2DICHLOOROBENZENE 0.4
25	C355	2METHYLPHENOL 0.7 T
26	C357	2,2'OXYBIS(1CHLOROPR
27	C365	4METHYLPHENOL 0.6 T
28	C370	&NITROSOPROPYLAMINE 0.5
29	C375	HEXACHLOROETHANE 0.3 T
30	C410	NITROBENZENE 0.2 T
31	C415	ISOPHORONE 0.4
32	C420	*2-NITROPHENOL 0.1
33	C425	2,4-DIMETHYLPHENOL 0.2
34	C430	BENZOIC ACID
35	C435	BIS(2CHLOROETHOXY) 0.3
36	C440	*2,4DICHLOOROPHENOL 0.2
37	C445	1,2,4TRICHLOOROBENZ 0.2
38	C450	NAPHTHALENE 0.7
39	C455	4-CHLOROANILINE
40	C460	*CL6BUTADIENE T
41	C465	*4CHLORO3METHYLPHEN 0.2
42	C470	2METHYLNAPHTHALENE 0.4
43	C510	&CL6CYCLOPENTADIENE
44	C515	*246TRICHLOOROPHNEOL 0.2 T
45	C520	2,4,5TRICHLOOROPHEN 0.2 T
46	C525	2CHLORONAPHTHALENE 0.8
47	C530	2-NITROANILINE

300267

Data Subject To Validation

No Name
 48 C535 DIMETHYL PHTHALATE
 49 C540 ACENAPHTHYLENE 1.3
 50 C545 3-NITROANILINE

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
1	152	503	8:23	1	1.000	A BB	10117.	20.000 PPB	0.95
2	136	620	10:20	2	1.000	A BB	35918.	20.000 PPB	0.95
3	164	779	12:59	3	1.000	A BB	18998.	20.000 PPB	0.95
4	188	912	15:12	4	1.000	A BB	28570.	20.000 PPB	0.95
5	240	1176	19:36	5	1.000	A BB	24201.	20.000 PPB	0.95
6	264	1471	24:31	6	1.000	A BB	26539.	20.000 PPB	0.95
7	112	385	6:25	1	0.765	A BB	13008.	25.000 PPB	1.19
8	99	476	7:56	1	0.946	A BB	16823.	25.000 PPB	1.19
9	82	557	9:17	2	0.898	A BB	12528.	25.000 PPB	1.19
10	172	716	11:56	3	0.919	A BB	25242.	25.000 PPB	1.19
11	330	850	14:10	3	1.091	A BB	2741.	25.000 PPB	1.19
12	244	1053	17:33	5	0.895	A BB	23005.	25.000 PPB	1.19
13	132	487	8:07	1	0.968	A BB	13739.	25.000 PPB	1.19
14	152	521	8:41	1	1.036	A BB	9031.	25.000 PPB	1.19
15	94	477	7:57	1	0.948	A BB	20036.	25.000 PPB	1.19
16	93	482	8:02	1	0.958	A VB	17559.	25.000 PPB	1.19
17	128	488	8:08	1	0.970	A BB	13810.	25.000 PPB	1.19
18	146	500	8:20	1	0.994	A BV	15346.	25.000 PPB	1.19
19	146	505	8:25	1	1.004	A VB	15800.	25.000 PPB	1.19
20	93	478	7:58	1	0.950	A BV	17744.	25.000 PPB	1.19
21	74	211	3:31	1	0.419	A BB	7921.	25.000 PPB	1.19
22	79	211	3:31	1	0.419	A BB	12487.	25.000 PPB	1.19
23	108	519	8:39	1	1.032	A BV	7186.	25.000 PPB	1.19
24	146	522	8:42	1	1.038	A BB	14368.	25.000 PPB	1.19
25	108	530	8:50	1	1.054	A VB	13071.	25.000 PPB	1.19
26	45	531	8:51	1	1.056	A BB	15708.	25.000 PPB	1.19
27	108	543	9:03	1	1.080	A BB	13081.	25.000 PPB	1.19
28	70	544	9:04	1	1.082	A BB	7645.	25.000 PPB	1.19
29	117	550	9:10	1	1.093	A BB	5778.	25.000 PPB	1.19
30	77	559	9:19	2	0.902	A BB	12527.	25.000 PPB	1.19
31	82	579	9:39	2	0.934	A BB	25019.	25.000 PPB	1.19
32	139	587	9:47	2	0.947	A BB	7053.	25.000 PPB	1.19
33	107	590	9:50	2	0.952	A BB	9618.	25.000 PPB	1.19
34	122	601	10:01	2	0.969	A BV	5414.	25.000 PPB	1.19
35	93	598	9:58	2	0.965	A BB	16183.	25.000 PPB	1.19
36	162	609	10:09	2	0.982	A BB	10898.	25.000 PPB	1.19
37	180	616	10:16	2	0.994	A BB	11841.	25.000 PPB	1.19
38	128	622	10:22	2	1.003	A BB	38036.	25.000 PPB	1.19
39	127	628	10:28	2	1.013	A BB	12577.	25.000 PPB	1.19
40	225	636	10:36	2	1.026	A BB	5396.	25.000 PPB	1.19
41	107	670	11:10	2	1.081	A BB	10029.	25.000 PPB	1.19
42	142	683	11:23	2	1.102	A BB	25612.	25.000 PPB	1.19
43	237	702	11:42	3	0.901	A BB	6802.	25.000 PPB	1.19
44	196	711	11:51	3	0.913	A BV	7534.	25.000 PPB	1.19
45	196	715	11:55	3	0.918	A VB	8127.	25.000 PPB	1.19
46	162	727	12:07	3	0.933	A BB	23632.	25.000 PPB	1.19
47	65	740	12:20	3	0.950	A BB	6058.	25.000 PPB	1.19
48	163	755	12:35	3	0.969	A BB	27175.	25.000 PPB	1.19
49	152	766	12:46	3	0.983	A BB	38184.	25.000 PPB	1.19
50	138	777	12:57	3	0.997	A BB	3177.	25.000 PPB	1.19

5570484

BS114994A

300268

Data Subject To Validation

No	Ret(L)	Ratio	RRT(L)	Ratio	Amnt	Amnt(L)	R. Fac	R. Fac(L)	Ratio
1	8:23	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
2	10:20	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
3	12:59	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
4	15:12	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
5	19:36	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
6	24:31	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
7	6:25	1.00	0.765	1.00	25.00	25.00	1.029	1.029	1.00
8	7:56	1.00	0.946	1.00	25.00	25.00	1.330	1.330	1.00
9	9:17	1.00	0.898	1.00	25.00	25.00	0.279	0.279	1.00
10	11:56	1.00	0.919	1.00	25.00	25.00	1.063	1.063	1.00
11	14:10	1.00	1.091	1.00	25.00	25.00	0.115	0.115	1.00
12	17:33	1.00	0.895	1.00	25.00	25.00	0.760	0.760	1.00
13	8:07	1.00	0.968	1.00	25.00	25.00	1.086	1.086	1.00
14	8:41	1.00	1.036	1.00	25.00	25.00	0.714	0.714	1.00
15	7:57	1.00	0.948	1.00	25.00	25.00	1.584	1.584	1.00
16	8:02	1.00	0.958	1.00	25.00	25.00	1.388	1.388	1.00
17	8:08	1.00	0.970	1.00	25.00	25.00	1.092	1.092	1.00
18	8:20	1.00	0.994	1.00	25.00	25.00	1.213	1.213	1.00
19	8:25	1.00	1.004	1.00	25.00	25.00	1.249	1.249	1.00
20	7:58	1.00	0.950	1.00	25.00	25.00	1.403	1.403	1.00
21	3:31	1.00	0.419	1.00	25.00	25.00	0.626	0.626	1.00
22	3:31	1.00	0.419	1.00	25.00	25.00	0.987	0.987	1.00
23	8:39	1.00	1.032	1.00	25.00	25.00	0.568	0.568	1.00
24	8:42	1.00	1.038	1.00	25.00	25.00	1.136	1.136	1.00
25	8:50	1.00	1.054	1.00	25.00	25.00	1.034	1.034	1.00
26	8:51	1.00	1.056	1.00	25.00	25.00	1.242	1.242	1.00
27	9:03	1.00	1.080	1.00	25.00	25.00	1.034	1.034	1.00
28	9:04	1.00	1.082	1.00	25.00	25.00	0.605	0.605	1.00
29	9:10	1.00	1.093	1.00	25.00	25.00	0.457	0.457	1.00
30	9:19	1.00	0.902	1.00	25.00	25.00	0.279	0.279	1.00
31	9:39	1.00	0.934	1.00	25.00	25.00	0.557	0.557	1.00
32	9:47	1.00	0.947	1.00	25.00	25.00	0.157	0.157	1.00
33	9:50	1.00	0.952	1.00	25.00	25.00	0.214	0.214	1.00
34	10:01	1.00	0.969	1.00	25.00	25.00	0.121	0.121	1.00
35	9:58	1.00	0.965	1.00	25.00	25.00	0.360	0.360	1.00
36	10:09	1.00	0.982	1.00	25.00	25.00	0.243	0.243	1.00
37	10:16	1.00	0.994	1.00	25.00	25.00	0.264	0.264	1.00
38	10:22	1.00	1.003	1.00	25.00	25.00	0.847	0.847	1.00
39	10:28	1.00	1.013	1.00	25.00	25.00	0.280	0.280	1.00
40	10:36	1.00	1.026	1.00	25.00	25.00	0.120	0.120	1.00
41	11:10	1.00	1.081	1.00	25.00	25.00	0.223	0.223	1.00
42	11:23	1.00	1.102	1.00	25.00	25.00	0.570	0.570	1.00
43	11:42	1.00	0.901	1.00	25.00	25.00	0.286	0.286	1.00
44	11:51	1.00	0.913	1.00	25.00	25.00	0.317	0.317	1.00
45	11:55	1.00	0.918	1.00	25.00	25.00	0.342	0.342	1.00
46	12:07	1.00	0.933	1.00	25.00	25.00	0.995	0.995	1.00
47	12:20	1.00	0.950	1.00	25.00	25.00	0.255	0.255	1.00
48	12:35	1.00	0.969	1.00	25.00	25.00	1.144	1.144	1.00
49	12:46	1.00	0.983	1.00	25.00	25.00	1.608	1.608	1.00
50	12:57	1.00	0.997	1.00	25.00	25.00	0.134	0.134	1.00

SSDOSP
BS1109974A

300269

Data Subject To Validation

Quantitation Report File: BS110994A

Data: BS110994A.TI

11/09/94 9:48:00

Sample: SSTD050 290-02-SV25

Conds.: RTX-5 0.25MM X 30M 1.0UM 45/4-325@20

INST B

Formula: X X X

Instrument: B

Weight: 1.001

Submitted by:

Analyst: JAM

Acct. No.:

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

Resp. fac. from Library Entry

No	Name	
51	C550 *ACENAPHTHENE	0.8
52	C321 2,3,4,6-TETRACHLOROPHENOL	
53	C555 &2,4DINITROPHENOL	
54	C560 &4NITROPHENOL	
55	C565 DIBENZOFURAN	0.8
56	C570 2,4DINITROTOLUENE	0.2 T
57	C543 2,6DINITROTOLUENE	0.2
58	C580 DIETHYL PHTHALATE	
59	C585 4CHLOROPHENYL PHEN	0.4
60	C590 FLUORENE	0.9
61	C595 4-NITROANILINE	
62	C610 4,6DINITRO2METHYLPH	
63	C615 *DIPHENYLAMINE	
64	C625 4BROMOPHENYL PHENY	0.1
65	C630 CL6BENZENE	0.1 T
66	C635 *PENTACHLOROPHENOL	0.05 T
67	C640 PHENANTHRENE	0.7
68	C645 ANTHRACENE	0.7
69	C650 DI-NBUTYLPHTHALATE	
70	C655 *FLUORANTHENE	0.6
71	D200 1,2-DIPHENYLHYDRAZINE	
72	C647 CARBAZOLE	
73	C715 PYRENE	0.6
74	C720 BUTYLBENZYLPHTHALATE	
75	C725 3,3'CL2BENZIDINE	
76	C730 BENZO(A)ANTHRACENE	0.8
77	C740 BIS(2ETHYLHEXYL)PHTH	
78	C735 CHRYSENE	0.7
79	C760 *DI-N-OCTYLPHTHALATE	
80	C765 BENZO(B)FLUORANTHE	0.7
81	C770 BENZO(K)FLUORANTHE	0.7
82	C775 *BENZO(A)PYRENE	0.7
83	C780 INDENO(1,2,3CD)PYR	0.5
84	C785 DIBENZO(A,H)ANTHRA	0.4
85	C790 BENZO(G,H,I)PERYLE	0.5

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
51	153	782	13:02	3	1.004	A BB	21761.	25.000 PPB	1.19
52	232	810	13:30	3	1.040	A BB	6923.	25.000 PPB	1.19
53	184	785	13:05	3	1.008	A BB	3045.	25.000 PPB	1.19
54	109	791	13:11	3	1.015	A BB	2043.	25.000 PPB	1.19
55	168	796	13:16	3	1.022	A BB	33674.	25.000 PPB	1.19
56	165	798	13:18	3	1.024	A BB	8215.	25.000 PPB	1.19
57	165	763	12:43	3	0.979	A BB	7070.	25.000 PPB	1.19
58	149	817	13:37	3	1.049	A BB	25268.	25.000 PPB	1.19

300270

Data Subject To Validation

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
59	204	824	13:44	3	1.058	A BB	11718.	25.000 PPB	1.19
60	166	827	13:47	3	1.062	A BB	25536.	25.000 PPB	1.19
61	138	835	13:55	3	1.072	A VB	3381.	25.000 PPB	1.19
62	198	835	13:55	4	0.916	A BB	4567.	25.000 PPB	1.19
63	169	836	13:56	4	0.917	A BB	13787.	25.000 PPB	1.19
64	248	868	14:28	4	0.952	A BB	6636.	25.000 PPB	1.19
65	284	883	14:43	4	0.968	A BB	6712.	25.000 PPB	1.19
66	266	899	14:59	4	0.986	A BB	4827.	25.000 PPB	1.19
67	178	914	15:14	4	1.002	A BV	36191.	25.000 PPB	1.19
68	178	918	15:18	4	1.007	A VB	37037.	25.000 PPB	1.19
69	149	959	15:59	4	1.052	A BB	45041.	25.000 PPB	1.19
70	202	1022	17:02	4	1.121	A BB	36201.	25.000 PPB	1.19
71	77	839	13:59	4	0.920	A BB	29659.	25.000 PPB	1.19
72	167	933	15:33	4	1.023	A BB	23056.	25.000 PPB	1.19
73	202	1044	17:24	5	0.888	A BB	39401.	25.000 PPB	1.19
74	149	1098	18:18	5	0.934	A BB	19861.	25.000 PPB	1.19
75	252	1167	19:27	5	0.992	A BB	4348.	25.000 PPB	1.19
76	228	1173	19:33	5	0.997	A BV	31949.	25.000 PPB	1.19
77	149	1163	19:23	5	0.989	A BB	28211.	25.000 PPB	1.19
78	228	1180	19:40	5	1.003	A VB	29396.	25.000 PPB	1.19
79	149	1262	21:02	6	0.858	A BB	45403.	25.000 PPB	1.19
80	252	1372	22:52	6	0.933	A BV	33707.	25.000 PPB	1.19
81	252	1378	22:58	6	0.937	A VB	25784.	25.000 PPB	1.19
82	252	1455	24:15	6	0.989	A BB	28854.	25.000 PPB	1.19
83	276	1836	30:36	6	1.248	A BB	31409.	25.000 PPB	1.19
84	278	1844	30:44	6	1.254	A BB	23544.	25.000 PPB	1.19
85	276	1954	32:34	6	1.328	A BB	25748.	25.000 PPB	1.19

No	Ret(L)	Ratio	RRT(L)	Ratio	Amnt	Amnt(L)	R. Fac	R. Fac(L)	Ratio
51	13:02	1.00	1.004	1.00	25.00	25.00	0.916	0.916	1.00
52	13:30	1.00	1.040	1.00	25.00	25.00	0.292	0.292	1.00
53	13:05	1.00	1.008	1.00	25.00	25.00	0.128	0.128	1.00
54	13:11	1.00	1.015	1.00	25.00	25.00	0.086	0.086	1.00
55	13:16	1.00	1.022	1.00	25.00	25.00	1.418	1.418	1.00
56	13:18	1.00	1.024	1.00	25.00	25.00	0.346	0.346	1.00
57	12:43	1.00	0.979	1.00	25.00	25.00	0.298	0.298	1.00
58	13:37	1.00	1.049	1.00	25.00	25.00	1.064	1.064	1.00
59	13:44	1.00	1.058	1.00	25.00	25.00	0.493	0.493	1.00
60	13:47	1.00	1.062	1.00	25.00	25.00	1.075	1.075	1.00
61	13:55	1.00	1.072	1.00	25.00	25.00	0.142	0.142	1.00
62	13:55	1.00	0.916	1.00	25.00	25.00	0.128	0.128	1.00
63	13:56	1.00	0.917	1.00	25.00	25.00	0.386	0.386	1.00
64	14:28	1.00	0.952	1.00	25.00	25.00	0.186	0.186	1.00
65	14:43	1.00	0.968	1.00	25.00	25.00	0.188	0.188	1.00
66	14:59	1.00	0.986	1.00	25.00	25.00	0.135	0.135	1.00
67	15:14	1.00	1.002	1.00	25.00	25.00	1.013	1.013	1.00
68	15:18	1.00	1.007	1.00	25.00	25.00	1.037	1.037	1.00
69	15:59	1.00	1.052	1.00	25.00	25.00	1.261	1.261	1.00
70	17:02	1.00	1.121	1.00	25.00	25.00	1.014	1.014	1.00
71	13:59	1.00	0.920	1.00	25.00	25.00	0.830	0.830	1.00
72	15:33	1.00	1.023	1.00	25.00	25.00	0.646	0.646	1.00
73	17:24	1.00	0.888	1.00	25.00	25.00	1.302	1.302	1.00
74	18:18	1.00	0.934	1.00	25.00	25.00	0.657	0.657	1.00
75	19:27	1.00	0.992	1.00	25.00	25.00	0.144	0.144	1.00
76	19:33	1.00	0.997	1.00	25.00	25.00	1.056	1.056	1.00
77	19:23	1.00	0.989	1.00	25.00	25.00	0.933	0.933	1.00

557005P
B5110994A

Data Subject To Validation

300271

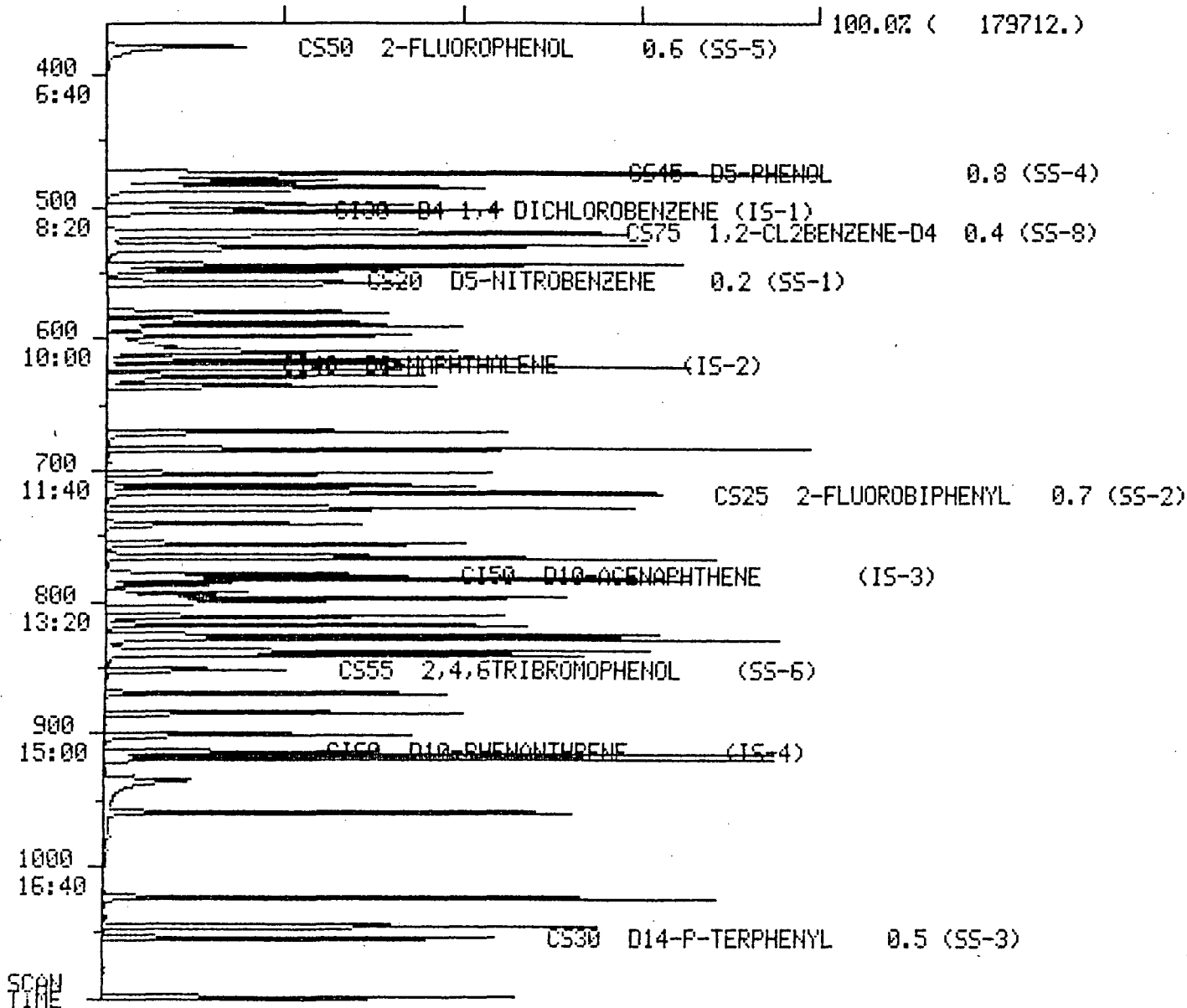
No	Ret(L)	Ratio	RRT(L)	Ratio	Amnt	Amnt(L)	R. Fac	R. Fac(L)	Ratio
78	19:40	1.00	1.003	1.00	25.00	25.00	0.972	0.972	1.00
79	21:02	1.00	0.858	1.00	25.00	25.00	1.369	1.369	1.00
80	22:52	1.00	0.933	1.00	25.00	25.00	1.016	1.016	1.00
81	22:58	1.00	0.937	1.00	25.00	25.00	0.777	0.777	1.00
82	24:15	1.00	0.989	1.00	25.00	25.00	0.870	0.870	1.00
83	30:36	1.00	1.248	1.00	25.00	25.00	0.947	0.947	1.00
84	30:44	1.00	1.254	1.00	25.00	25.00	0.710	0.710	1.00
85	32:34	1.00	1.328	1.00	25.00	25.00	0.776	0.776	1.00

SSTO PSp
BS110994A

300272

Data Subject To Validation

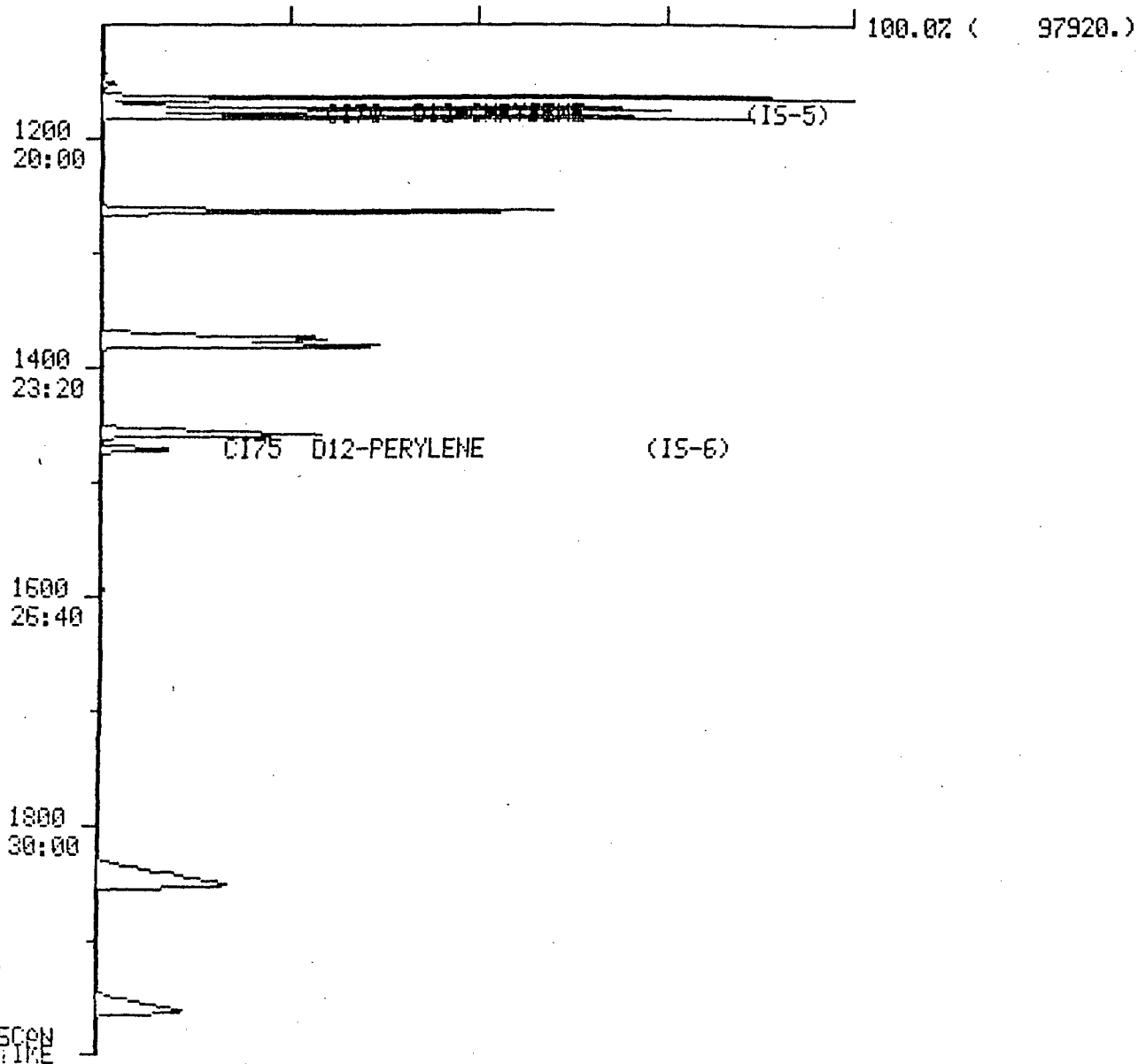
DATA FROM FILE: BS110994B SCANS 361 TO 1101 ACQUIRED: 11/09/94 10:28:00
 CALI: BS110994B #1
 SAMPLE: SSTD160 290-02-SU80
 COND5.: RTX-5 0.25MM X 30M 1.0UM 45/4-325020 INST B



NOV 9 1994
 RECEIVED

Data Subject To Validation
 300273

DATA FROM FILE: BS110994B SCANS 1101 TO 2000 ACQUIRED: 11/09/94 10:28:00
CALI: BS110994B #1
SAMPLE: SSTD160 290-02-SU80
CONDS.: RTX-5 0.25MM X 30M 1.0UM 45/4-325020 INST B



Data Subject To Validation

300274

Quantitation Report File: BS110994B

Data: BS110994B.TI

11/09/94 10:28:00

Sample: SSTD160 290-02-SV80

Conds.: RTX-5 0.25MM X 30M 1.0UM 45/4-325@20

Formula: X X X

Instrument: B

Submitted by:

Analyst: JAM

INST B

Weight: 1.001

Acct. No.:

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

Resp. fac. from Library Entry

No	Name	
1	CI30	D4-1,4 DICHLOROBENZENE (IS-1)
2	CI40	D8-NAPHTHALENE (IS-2)
3	CI50	D10-ACENAPHTHENE (IS-3)
4	CI60	D10-PHENANTHRENE (IS-4)
5	CI70	D12-CHRYSENE (IS-5)
6	CI75	D12-PERYLENE (IS-6)
7	CS50	2-FLUOROPHENOL 0.6 (SS-5)
8	CS45	D5-PHENOL 0.8 (SS-4)
9	CS20	D5-NITROBENZENE 0.2 (SS-1)
10	CS25	2-FLUOROBIPHENYL 0.7 (SS-2)
11	CS55	2,4,6TRIBROMOPHENOL (SS-6)
12	CS30	D14-P-TERPHENYL 0.5 (SS-3)
13	CS70	2-CHLOROPHENOL-D4 0.8 (SS-7)
14	CS75	1,2-CL2BENZENE-D4 0.4 (SS-8)
15	C315	*PHENOL 0.8
16	C325	BIS(2CHLOROETHYL)E 0.7
17	C330	2CHLOROPHENOL 0.8
18	C335	1,3DICHLOROBENZENE 0.6
19	C340	*1,4DICHLOROBENZENE 0.5 T
20	C320	ANILINE
21	C310	N-NITROSODIMETHYLAMINE
22	C319	PYRIDINE T
23	C345	BENZYL ALCOHOL
24	C350	1,2DICHLOROBENZENE 0.4
25	C355	2METHYLPHENOL 0.7 T
26	C357	2,2'OXYBIS(1CHLOROPR
27	C365	4METHYLPHENOL 0.6 T
28	C370	&NITROSOPROPYLAMINE 0.5
29	C375	HEXACHLOROETHANE 0.3 T
30	C410	NITROBENZENE 0.2 T
31	C415	ISOPHORONE 0.4
32	C420	*2-NITROPHENOL 0.1
33	C425	2,4-DIMETHYLPHENOL 0.2
34	C430	BENZOIC ACID
35	C435	BIS(2CHLOROETHOXY) 0.3
36	C440	*2,4DICHLOROPHENOL 0.2
37	C445	1,2,4TRICHLOROBENZ 0.2
38	C450	NAPHTHALENE 0.7
39	C455	4-CHLOROANILINE
40	C460	*CL6BUTADIENE T
41	C465	*4CHLORO3METHYLPHEN 0.2
42	C470	2METHYLNAPHTHALENE 0.4
43	C510	&CL6CYCLOPENTADIENE
44	C515	*246TRICHLOROPHNEOL 0.2 T
45	C520	2,4,5TRICHLOROPHEN 0.2 T
46	C525	2CHLORONAPHTHALENE 0.8
47	C530	2-NITROANILINE

Data Subject To Validation

300275

No Name
 48 C535 DIMETHYL PHTHALATE
 49 C540 ACENAPHTHYLENE 1.3
 50 C545 3-NITROANILINE

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
1	152	501	8:21	1	1.000	A BB	10939.	20.000 PPB	0.31
2	136	619	10:19	2	1.000	A BB	35684.	20.000 PPB	0.31
3	164	779	12:59	3	1.000	A BB	19437.	20.000 PPB	0.31
4	188	912	15:12	4	1.000	A BB	29068.	20.000 PPB	0.31
5	240	1176	19:36	5	1.000	A BB	16948.	20.000 PPB	0.31
6	264	1470	24:30	6	1.000	A BB	14695.	20.000 PPB	0.31
7	112	378	6:18	1	0.754	A BB	43413.	80.000 PPB	1.24
8	99	474	7:54	1	0.946	A BV	56555.	80.000 PPB	1.24
9	82	556	9:16	2	0.898	A BB	43696.	80.000 PPB	1.24
10	172	717	11:57	3	0.920	A BB	86333.	80.000 PPB	1.24
11	330	851	14:11	3	1.092	A BB	9091.	80.000 PPB	1.24
12	244	1053	17:33	5	0.895	A BB	58906.	80.000 PPB	1.24
13	132	484	8:04	1	0.966	A BB	48498.	80.000 PPB	1.24
14	152	519	8:39	1	1.036	A BB	31477.	80.000 PPB	1.24
15	94	475	7:55	1	0.948	A BB	69261.	80.000 PPB	1.24
16	93	480	8:00	1	0.958	A VB	58496.	80.000 PPB	1.24
17	128	486	8:06	1	0.970	A BB	49203.	80.000 PPB	1.24
18	146	497	8:17	1	0.992	A BV	52936.	80.000 PPB	1.24
19	146	502	8:22	1	1.002	A VB	53578.	80.000 PPB	1.24
20	93	475	7:55	1	0.948	A BV	62900.	80.000 PPB	1.24
21	74	199	3:19	1	0.397	A BB	27527.	80.000 PPB	1.24
22	79	199	3:19	1	0.397	A BB	38346.	80.000 PPB	1.24
23	108	518	8:38	1	1.034	A BV	27515.	80.000 PPB	1.24
24	146	520	8:40	1	1.038	A BB	48977.	80.000 PPB	1.24
25	108	529	8:49	1	1.056	A VB	44010.	80.000 PPB	1.24
26	45	530	8:50	1	1.058	A BB	58365.	80.000 PPB	1.24
27	108	543	9:03	1	1.084	A BB	47818.	80.000 PPB	1.24
28	70	544	9:04	1	1.086	A BB	27149.	80.000 PPB	1.24
29	117	548	9:08	1	1.094	A BB	19653.	80.000 PPB	1.24
30	77	558	9:18	2	0.901	A BB	41541.	80.000 PPB	1.24
31	82	579	9:39	2	0.935	A BV	85142.	80.000 PPB	1.24
32	139	587	9:47	2	0.948	A BB	27172.	80.000 PPB	1.24
33	107	590	9:50	2	0.953	A BB	34263.	80.000 PPB	1.24
34	122	606	10:06	2	0.979	A BB	20908.	80.000 PPB	1.24
35	93	597	9:57	2	0.964	A BB	57086.	80.000 PPB	1.24
36	162	609	10:09	2	0.984	A BB	37579.	80.000 PPB	1.24
37	180	615	10:15	2	0.994	A BB	39249.	80.000 PPB	1.24
38	128	622	10:22	2	1.005	A BV	119980.	80.000 PPB	1.24
39	127	628	10:28	2	1.015	A BB	52848.	80.000 PPB	1.24
40	225	635	10:35	2	1.026	A BB	18199.	80.000 PPB	1.24
41	107	670	11:10	2	1.082	A BB	35080.	80.000 PPB	1.24
42	142	683	11:23	2	1.103	A BB	82161.	80.000 PPB	1.24
43	237	702	11:42	3	0.901	A BB	24614.	80.000 PPB	1.24
44	196	711	11:51	3	0.913	A BV	25837.	80.000 PPB	1.24
45	196	715	11:55	3	0.918	A VB	28707.	80.000 PPB	1.24
46	162	728	12:08	3	0.935	A BB	82689.	80.000 PPB	1.24
47	65	740	12:20	3	0.950	A BB	21530.	80.000 PPB	1.24
48	163	755	12:35	3	0.969	A BB	88163.	80.000 PPB	1.24
49	152	766	12:46	3	0.983	A BB	109842.	80.000 PPB	1.24
50	138	778	12:58	3	0.999	A BV	17982.	80.000 PPB	1.24

SST0164

BS110994B

300276

Data Subject To Validation

No	Ret(L)	Ratio	RRT(L)	Ratio	Amnt	Amnt(L)	R. Fac	R. Fac(L)	Ratio
1	8:21	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
2	10:19	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
3	12:59	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
4	15:12	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
5	19:36	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
6	24:30	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
7	6:18	1.00	0.754	1.00	80.00	80.00	0.992	0.992	1.00
8	7:54	1.00	0.946	1.00	80.00	80.00	1.293	1.293	1.00
9	9:16	1.00	0.898	1.00	80.00	80.00	0.306	0.306	1.00
10	11:57	1.00	0.920	1.00	80.00	80.00	1.110	1.110	1.00
11	14:11	1.00	1.092	1.00	80.00	80.00	0.117	0.117	1.00
12	17:33	1.00	0.895	1.00	80.00	80.00	0.869	0.869	1.00
13	8:04	1.00	0.966	1.00	80.00	80.00	1.108	1.108	1.00
14	8:39	1.00	1.036	1.00	80.00	80.00	0.719	0.719	1.00
15	7:55	1.00	0.948	1.00	80.00	80.00	1.583	1.583	1.00
16	8:00	1.00	0.958	1.00	80.00	80.00	1.337	1.337	1.00
17	8:06	1.00	0.970	1.00	80.00	80.00	1.124	1.124	1.00
18	8:17	1.00	0.992	1.00	80.00	80.00	1.210	1.210	1.00
19	8:22	1.00	1.002	1.00	80.00	80.00	1.224	1.224	1.00
20	7:55	1.00	0.948	1.00	80.00	80.00	1.438	1.438	1.00
21	3:19	1.00	0.397	1.00	80.00	80.00	0.629	0.629	1.00
22	3:19	1.00	0.397	1.00	80.00	80.00	0.876	0.876	1.00
23	8:38	1.00	1.034	1.00	80.00	80.00	0.629	0.629	1.00
24	8:40	1.00	1.038	1.00	80.00	80.00	1.119	1.119	1.00
25	8:49	1.00	1.056	1.00	80.00	80.00	1.006	1.006	1.00
26	8:50	1.00	1.058	1.00	80.00	80.00	1.334	1.334	1.00
27	9:03	1.00	1.084	1.00	80.00	80.00	1.093	1.093	1.00
28	9:04	1.00	1.086	1.00	80.00	80.00	0.620	0.620	1.00
29	9:08	1.00	1.094	1.00	80.00	80.00	0.449	0.449	1.00
30	9:18	1.00	0.901	1.00	80.00	80.00	0.291	0.291	1.00
31	9:39	1.00	0.935	1.00	80.00	80.00	0.596	0.596	1.00
32	9:47	1.00	0.948	1.00	80.00	80.00	0.190	0.190	1.00
33	9:50	1.00	0.953	1.00	80.00	80.00	0.240	0.240	1.00
34	10:06	1.00	0.979	1.00	80.00	80.00	0.146	0.146	1.00
35	9:57	1.00	0.964	1.00	80.00	80.00	0.400	0.400	1.00
36	10:09	1.00	0.984	1.00	80.00	80.00	0.263	0.263	1.00
37	10:15	1.00	0.994	1.00	80.00	80.00	0.275	0.275	1.00
38	10:22	1.00	1.005	1.00	80.00	80.00	0.841	0.841	1.00
39	10:28	1.00	1.015	1.00	80.00	80.00	0.370	0.370	1.00
40	10:35	1.00	1.026	1.00	80.00	80.00	0.128	0.128	1.00
41	11:10	1.00	1.082	1.00	80.00	80.00	0.246	0.246	1.00
42	11:23	1.00	1.103	1.00	80.00	80.00	0.576	0.576	1.00
43	11:42	1.00	0.901	1.00	80.00	80.00	0.317	0.317	1.00
44	11:51	1.00	0.913	1.00	80.00	80.00	0.332	0.332	1.00
45	11:55	1.00	0.918	1.00	80.00	80.00	0.369	0.369	1.00
46	12:08	1.00	0.935	1.00	80.00	80.00	1.064	1.064	1.00
47	12:20	1.00	0.950	1.00	80.00	80.00	0.277	0.277	1.00
48	12:35	1.00	0.969	1.00	80.00	80.00	1.134	1.134	1.00
49	12:46	1.00	0.983	1.00	80.00	80.00	1.413	1.413	1.00
50	12:58	1.00	0.999	1.00	80.00	80.00	0.231	0.231	1.00

SSD 164
BS114994B

300277

Data Subject To Validation

Quantitation Report File: BS110994B

Data: BS110994B.TI

11/09/94 10:28:00

Sample: SSTD160 290-02-SV80

Conds.: RTX-5 0.25MM X 30M 1.0UM 45/4-325@20

INST B

Formula: X X X

Instrument: B

Weight: 1.001

Submitted by:

Analyst: JAM

Acct. No.:

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

Resp. fac. from Library Entry

No	Name	
51	C550	*ACENAPHTHENE 0.8
52	C321	2,3,4,6-TETRACHLOROPHENOL
53	C555	&2,4DINITROPHENOL
54	C560	&4NITROPHENOL
55	C565	DIBENZOFURAN 0.8
56	C570	2,4DINITROTOLUENE 0.2 T
57	C543	2,6DINITROTOLUENE 0.2
58	C580	DIETHYL PHTHALATE
59	C585	4CHLOROPHENYL PHEN 0.4
60	C590	FLUORENE 0.9
61	C595	4-NITROANILINE
62	C610	4,6DINITRO2METHYLPH
63	C615	*DIPHENYLAMINE
64	C625	4BROMOPHENYL PHENY 0.1
65	C630	CL6BENZENE 0.1 T
66	C635	*PENTACHLOROPHENOL 0.05 T
67	C640	PHENANTHRENE 0.7
68	C645	ANTHRACENE 0.7
69	C650	DI-NBUTYLPHTHALATE
70	C655	*FLUORANTHENE 0.6
71	D200	1,2-DIPHENYLHYDRAZINE
72	C647	CARBAZOLE
73	C715	PYRENE 0.6
74	C720	BUTYLBENZYLPHTHALATE
75	C725	3,3'CL2BENZIDINE
76	C730	BENZO(A)ANTHRACENE 0.8
77	C740	BIS(2ETHYLHEXYL)PHTH
78	C735	CHRYSENE 0.7
79	C760	*DI-N-OCTYLPHTHALATE
80	C775	*BENZO(A)PYRENE 0.7
81	C780	INDENO(1,2,3CD)PYR 0.5
82	C785	DIBENZO(A,H)ANTHRA 0.4
83	C790	BENZO(G,H,I)PERYLE 0.5
84	C765	BENZO(B)FLUORANTHE 0.7
85	C770	BENZO(K)FLUORANTHE 0.7

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
51	153	783	13:03	3	1.005	A BB	73858.	80.000 PPB	1.24
52	232	811	13:31	3	1.041	A BB	23130.	80.000 PPB	1.24
53	184	786	13:06	3	1.009	A BB	13198.	80.000 PPB	1.24
54	109	792	13:12	3	1.017	A BB	7050.	80.000 PPB	1.24
55	168	796	13:16	3	1.022	A BB	100613.	80.000 PPB	1.24
56	165	799	13:19	3	1.026	A BB	28467.	80.000 PPB	1.24
57	165	764	12:44	3	0.981	A BB	25972.	80.000 PPB	1.24
58	149	818	13:38	3	1.050	A BV	86344.	80.000 PPB	1.24

300278

Data Subject To Validation

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
59	204	825	13:45	3	1.059	A BB	41368.	80.000 PPB	1.24
60	166	828	13:48	3	1.063	A BB	85355.	80.000 PPB	1.24
61	138	836	13:56	3	1.073	A VB	6199.	80.000 PPB	1.24
62	198	836	13:56	4	0.917	A BB	17099.	80.000 PPB	1.24
63	169	837	13:57	4	0.918	A BB	44417.	80.000 PPB	1.24
64	248	868	14:28	4	0.952	A BB	21018.	80.000 PPB	1.24
65	284	884	14:44	4	0.969	A BB	20744.	80.000 PPB	1.24
66	266	900	15:00	4	0.987	A BB	16937.	80.000 PPB	1.24
67	178	915	15:15	4	1.003	A BV	117430.	80.000 PPB	1.24
68	178	919	15:19	4	1.008	A VB	108240.	80.000 PPB	1.24
69	149	960	16:00	4	1.053	A BB	138531.	80.000 PPB	1.24
70	202	1023	17:03	4	1.122	A BB	107516.	80.000 PPB	1.24
71	77	840	14:00	4	0.921	A BV	101039.	80.000 PPB	1.24
72	167	934	15:34	4	1.024	A BB	56049.	80.000 PPB	1.24
73	202	1044	17:24	5	0.888	A BV	110303.	80.000 PPB	1.24
74	149	1098	18:18	5	0.934	A BB	50539.	80.000 PPB	1.24
75	252	1170	19:30	5	0.995	A BB	4149.	80.000 PPB	1.24
76	228	1174	19:34	5	0.998	A BV	76809.	80.000 PPB	1.24
77	149	1164	19:24	5	0.990	A BB	69532.	80.000 PPB	1.24
78	228	1181	19:41	5	1.004	A VB	68758.	80.000 PPB	1.24
79	149	1263	21:03	6	0.859	A BB	101813.	80.000 PPB	1.24
80	252	1457	24:17	6	0.991	A BB	54980.	80.000 PPB	1.24
81	276	1845	30:45	6	1.255	A BB	49665.	80.000 PPB	1.24
82	278	1851	30:51	6	1.259	A BB	40850.	80.000 PPB	1.24
83	276	1959	32:39	6	1.333	A BB	42508.	80.000 PPB	1.24
84	252	1374	22:54	6	0.935	M XX ^{9/19/19}	69212.	80.000 PPB	1.24
85	252	1380	23:00	6	0.939	M XX	57276.	80.000 PPB	1.24

No	Ret(L)	Ratio	RRT(L)	Ratio	Amnt	Amnt(L)	R. Fac	R. Fac(L)	Ratio
51	13:03	1.00	1.005	1.00	80.00	80.00	0.950	0.950	1.00
52	13:31	1.00	1.041	1.00	80.00	80.00	0.297	0.297	1.00
53	13:06	1.00	1.009	1.00	80.00	80.00	0.170	0.170	1.00
54	13:12	1.00	1.017	1.00	80.00	80.00	0.091	0.091	1.00
55	13:16	1.00	1.022	1.00	80.00	80.00	1.294	1.294	1.00
56	13:19	1.00	1.026	1.00	80.00	80.00	0.366	0.366	1.00
57	12:44	1.00	0.981	1.00	80.00	80.00	0.334	0.334	1.00
58	13:38	1.00	1.050	1.00	80.00	80.00	1.111	1.111	1.00
59	13:45	1.00	1.059	1.00	80.00	80.00	0.532	0.532	1.00
60	13:48	1.00	1.063	1.00	80.00	80.00	1.098	1.098	1.00
61	13:56	1.00	1.073	1.00	80.00	80.00	0.080	0.080	1.00
62	13:56	1.00	0.917	1.00	80.00	80.00	0.147	0.147	1.00
63	13:57	1.00	0.918	1.00	80.00	80.00	0.382	0.382	1.00
64	14:28	1.00	0.952	1.00	80.00	80.00	0.181	0.181	1.00
65	14:44	1.00	0.969	1.00	80.00	80.00	0.178	0.178	1.00
66	15:00	1.00	0.987	1.00	80.00	80.00	0.146	0.146	1.00
67	15:15	1.00	1.003	1.00	80.00	80.00	1.010	1.010	1.00
68	15:19	1.00	1.008	1.00	80.00	80.00	0.931	0.931	1.00
69	16:00	1.00	1.053	1.00	80.00	80.00	1.191	1.191	1.00
70	17:03	1.00	1.122	1.00	80.00	80.00	0.925	0.925	1.00
71	14:00	1.00	0.921	1.00	80.00	80.00	0.869	0.869	1.00
72	15:34	1.00	1.024	1.00	80.00	80.00	0.482	0.482	1.00
73	17:24	1.00	0.888	1.00	80.00	80.00	1.627	1.627	1.00
74	18:18	1.00	0.934	1.00	80.00	80.00	0.746	0.746	1.00
75	19:30	1.00	0.995	1.00	80.00	80.00	0.061	0.061	1.00
76	19:34	1.00	0.998	1.00	80.00	80.00	1.133	1.133	1.00
77	19:24	1.00	0.990	1.00	80.00	80.00	1.026	1.026	1.00

557016P
B5110914B

Data Subject To Validation

300279

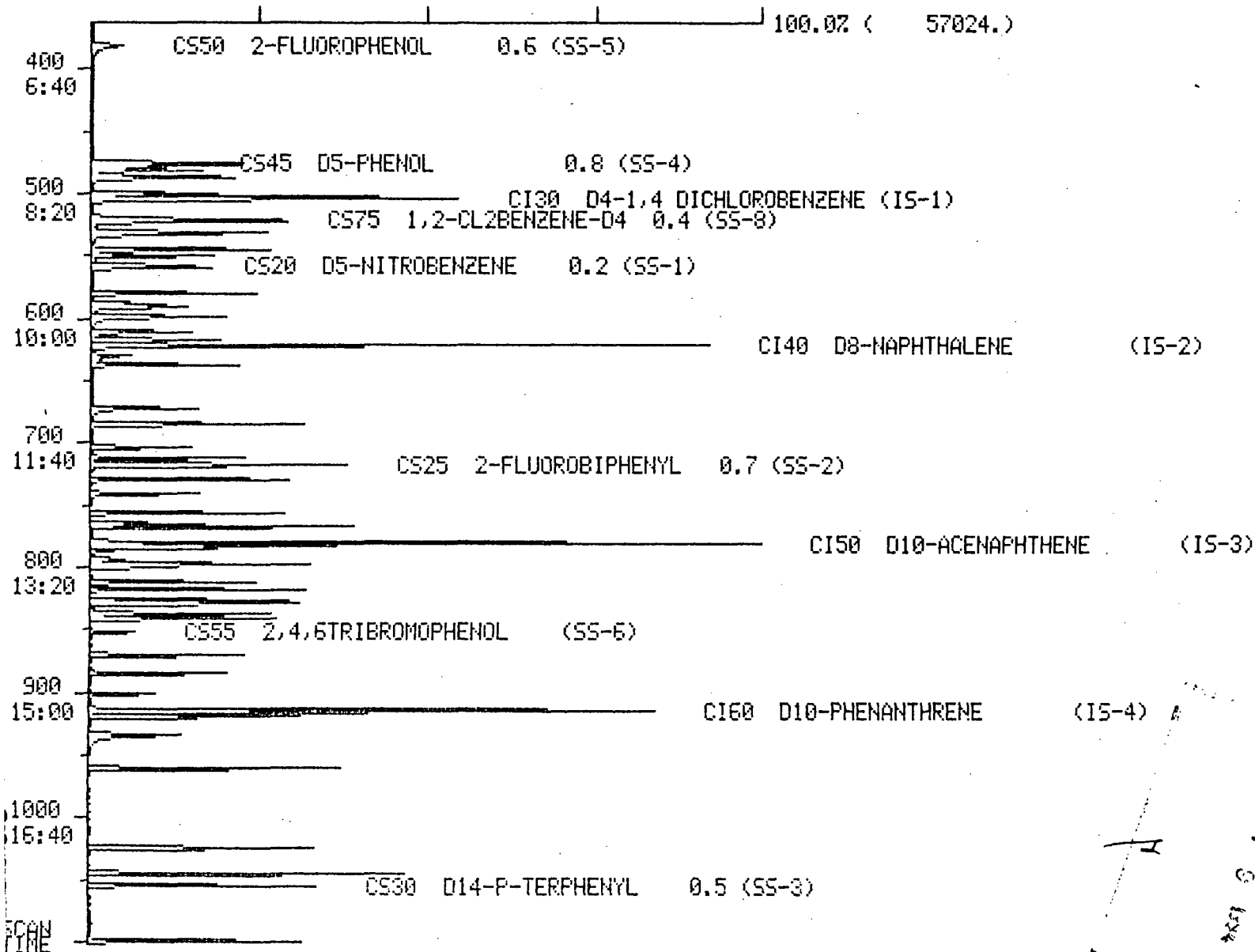
No	Ret(L)	Ratio	RRT(L)	Ratio	Amnt	Amnt(L)	R. Fac	R. Fac(L)	Ratio
78	19:41	1.00	1.004	1.00	80.00	80.00	1.014	1.014	1.00
79	21:03	1.00	0.859	1.00	80.00	80.00	1.732	1.732	1.00
80	24:17	1.00	0.991	1.00	80.00	80.00	0.935	0.935	1.00
81	30:45	1.00	1.255	1.00	80.00	80.00	0.845	0.845	1.00
82	30:51	1.00	1.259	1.00	80.00	80.00	0.695	0.695	1.00
83	32:39	1.00	1.333	1.00	80.00	80.00	0.723	0.723	1.00
84	22:54	1.00	0.935	1.00	80.00	80.00	1.177	1.177	1.00
85	23:00	1.00	0.939	1.00	80.00	80.00	0.974	0.974	1.00

STD164
BS179943

Data Subject To Validation

300280

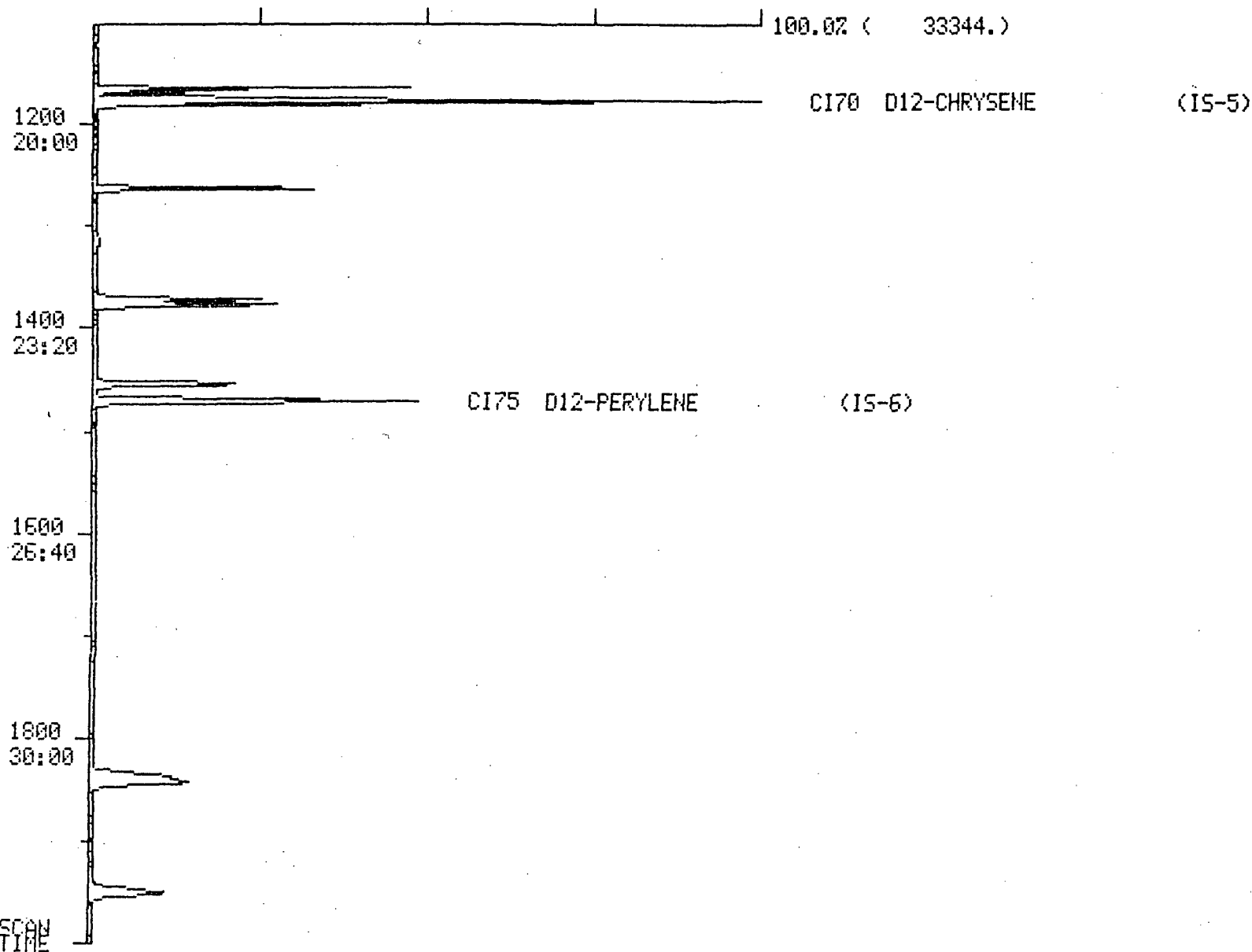
DATA FROM FILE: BS110994C SCANS 362 TO 1102 ACQUIRED: 11/09/94 11:08:00
CALI: BS110994C #1
SAMPLE: SSTD020 290-02-SU10
COND5.: RTX-5 0.25MM X 30M 1.0UM 45/4-325020 INST B



Data Subject to Validation

NOV 9 1994

DATA FROM FILE: BS110994C SCANS 1102 TO 2000 ACQUIRED: 11/09/94 11:08:00
CALI: BS110994C #1
SAMPLE: SSTD020 290-02-SU10
COND.: RTX-5 0.25MM X 30M 1.0UM 45/4-325020 INST B



Data Subject To Validation

300282

Data: BS110994C.TI

11/09/94 11:08:00

Sample: SSTD020 290-02-SV10

Conds.: RTX-5 0.25MM X 30M 1.0UM 45/4-325@20 INST B

Formula: X X X

Instrument: B

Weight: 1.001

Submitted by:

Analyst: JAM

Acct. No.:

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

Resp. fac. from Library Entry

No	Name	
1	CI30 D4-1,4 DICHLOROBENZENE (IS-1)	
2	CI40 D8-NAPHTHALENE (IS-2)	
3	CI50 D10-ACENAPHTHENE (IS-3)	
4	CI60 D10-PHENANTHRENE (IS-4)	
5	CI70 D12-CHRYSENE (IS-5)	
6	CI75 D12-PERYLENE (IS-6)	
7	CS50 2-FLUOROPHENOL 0.6 (SS-5)	
8	CS45 D5-PHENOL 0.8 (SS-4)	
9	CS20 D5-NITROBENZENE 0.2 (SS-1)	
10	CS25 2-FLUOROBIPHENYL 0.7 (SS-2)	
11	CS55 2,4,6-TRIBROMOPHENOL (SS-6)	
12	CS30 D14-P-TERPHENYL 0.5 (SS-3)	
13	CS70 2-CHLOROPHENOL-D4 0.8 (SS-7)	
14	CS75 1,2-CL2BENZENE-D4 0.4 (SS-8)	
15	C315 *PHENOL 0.8	
16	C325 BIS(2CHLOROETHYL)E 0.7	
17	C330 2CHLOROPHENOL 0.8	
18	C335 1,3DICHLOROBENZENE 0.6	
19	C340 *1,4DICHLOROBENZENE 0.5 T	
20	C320 ANILINE	
21	C310 N-NITROSODIMETHYLAMINE	
22	C319 PYRIDINE T	
23	C345 BENZYL ALCOHOL	
24	C350 1,2DICHLOROBENZENE 0.4	
25	C355 2METHYLPHENOL 0.7 T	
26	C357 2,2'OXYBIS(1CHLOROPR	
27	C365 4METHYLPHENOL 0.6 T	
28	C370 &NITROSOPROPYLAMINE 0.5	
29	C375 HEXACHLOROETHANE 0.3 T	
30	C410 NITROBENZENE 0.2 T	
31	C415 ISOPHORONE 0.4	
32	C420 *2-NITROPHENOL 0.1	
33	C425 2,4-DIMETHYLPHENOL 0.2	
34	C430 BENZOIC ACID	
35	C435 BIS(2CHLOROETHOXY) 0.3	
36	C440 *2,4DICHLOROPHENOL 0.2	
37	C445 1,2,4TRICHLOROBENZ 0.2	
38	C450 NAPHTHALENE 0.7	
39	C455 4-CHLOROANILINE	
40	C460 *CL6BUTADIENE T	
41	C465 *4CHLORO3METHYLPHEN 0.2	
42	C470 2METHYLNAPHTHALENE 0.4	
43	C510 &CL6CYCLOPENTADIENE	
44	C515 *246TRICHLOROPHNEOL 0.2 T	
45	C520 2,4,5TRICHLOROPHEN 0.2 T	
46	C525 2CHLORONAPHTHALENE 0.8	
47	C530 2-NITROANILINE	

300283

Data Subject To Validation

No Name
 48 C535 DIMETHYL PHTHALATE
 49 C540 ACENAPHTHYLENE 1.3
 50 C545 3-NITROANILINE

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
1	152	502	8:22	1	1.000	A BB	11275.	20.000 PPB	2.20
2	136	620	10:20	2	1.000	A BB	38585.	20.000 PPB	2.20
3	164	780	13:00	3	1.000	A BB	20925.	20.000 PPB	2.20
4	188	913	15:13	4	1.000	A BB	31218.	20.000 PPB	2.20
5	240	1176	19:36	5	1.000	A BB	24953.	20.000 PPB	2.20
6	264	1470	24:30	6	1.000	A BB	26606.	20.000 PPB	2.20
7	112	380	6:20	1	0.757	A BB	5253.	10.000 PPB	1.10
8	99	474	7:54	1	0.944	A BB	6726.	10.000 PPB	1.10
9	82	556	9:16	2	0.897	A BB	5634.	10.000 PPB	1.10
10	172	717	11:57	3	0.919	A BB	11506.	10.000 PPB	1.10
11	330	851	14:11	3	1.091	A BB	1158.	10.000 PPB	1.10
12	244	1053	17:33	5	0.895	A BB	10177.	10.000 PPB	1.10
13	132	485	8:05	1	0.966	A BB	5724.	10.000 PPB	1.10
14	152	520	8:40	1	1.036	A BB	4123.	10.000 PPB	1.10
15	94	475	7:55	1	0.946	A BB	8656.	10.000 PPB	1.10
16	93	480	8:00	1	0.956	A VB	7634.	10.000 PPB	1.10
17	128	486	8:06	1	0.968	A BB	6285.	10.000 PPB	1.10
18	146	498	8:18	1	0.992	A BV	6749.	10.000 PPB	1.10
19	146	503	8:23	1	1.002	A VB	6861.	10.000 PPB	1.10
20	93	476	7:56	1	0.948	A BV	6826.	10.000 PPB	1.10
21	74	201	3:21	1	0.400	A BB	3086.	10.000 PPB	1.10
22	79	202	3:22	1	0.402	A BB	4918.	10.000 PPB	1.10
23	108	518	8:38	1	1.032	A BV	2917.	10.000 PPB	1.10
24	146	521	8:41	1	1.038	A BB	6199.	10.000 PPB	1.10
25	108	529	8:49	1	1.054	A VB	6378.	10.000 PPB	1.10
26	45	530	8:50	1	1.056	A BB	7359.	10.000 PPB	1.10
27	108	542	9:02	1	1.080	A BB	6168.	10.000 PPB	1.10
28	70	543	9:03	1	1.082	A BB	3317.	10.000 PPB	1.10
29	117	549	9:09	1	1.094	A BB	2479.	10.000 PPB	1.10
30	77	558	9:18	2	0.900	A BB	5422.	10.000 PPB	1.10
31	82	578	9:38	2	0.932	A BB	10522.	10.000 PPB	1.10
32	139	587	9:47	2	0.947	A BB	3287.	10.000 PPB	1.10
33	107	590	9:50	2	0.952	A BB	4247.	10.000 PPB	1.10
34	122	599	9:59	2	0.966	A VB	2454.	10.000 PPB	1.10
35	93	597	9:57	2	0.963	A BB	7241.	10.000 PPB	1.10
36	162	609	10:09	2	0.982	A BB	4994.	10.000 PPB	1.10
37	180	615	10:15	2	0.992	A BB	5190.	10.000 PPB	1.10
38	128	622	10:22	2	1.003	A BB	17066.	10.000 PPB	1.10
39	127	629	10:29	2	1.015	A VB	5289.	10.000 PPB	1.10
40	225	636	10:36	2	1.026	A BB	2485.	10.000 PPB	1.10
41	107	671	11:11	2	1.082	A BB	4375.	10.000 PPB	1.10
42	142	683	11:23	2	1.102	A BB	10825.	10.000 PPB	1.10
43	237	703	11:43	3	0.901	A BB	2651.	10.000 PPB	1.10
44	196	711	11:51	3	0.912	A BV	3523.	10.000 PPB	1.10
45	196	716	11:56	3	0.918	A VB	3603.	10.000 PPB	1.10
46	162	728	12:08	3	0.933	A BB	10456.	10.000 PPB	1.10
47	65	740	12:20	3	0.949	A BB	2826.	10.000 PPB	1.10
48	163	755	12:35	3	0.968	A BB	11556.	10.000 PPB	1.10
49	152	766	12:46	3	0.982	A BB	17369.	10.000 PPB	1.10
50	138	778	12:58	3	0.997	A BB	913.	10.000 PPB	1.10

550024

300284

BS110994C

Data Subject To Validation

No	Ret(L)	Ratio	RRT(L)	Ratio	Amnt	Amnt(L)	R. Fac	R. Fac(L)	Ratio
1	8:22	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
2	10:20	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
3	13:00	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
4	15:13	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
5	19:36	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
6	24:30	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
7	6:20	1.00	0.757	1.00	10.00	10.00	0.932	0.932	1.00
8	7:54	1.00	0.944	1.00	10.00	10.00	1.193	1.193	1.00
9	9:16	1.00	0.897	1.00	10.00	10.00	0.292	0.292	1.00
10	11:57	1.00	0.919	1.00	10.00	10.00	1.100	1.100	1.00
11	14:11	1.00	1.091	1.00	10.00	10.00	0.111	0.111	1.00
12	17:33	1.00	0.895	1.00	10.00	10.00	0.816	0.816	1.00
13	8:05	1.00	0.966	1.00	10.00	10.00	1.015	1.015	1.00
14	8:40	1.00	1.036	1.00	10.00	10.00	0.731	0.731	1.00
15	7:55	1.00	0.946	1.00	10.00	10.00	1.535	1.535	1.00
16	8:00	1.00	0.956	1.00	10.00	10.00	1.354	1.354	1.00
17	8:06	1.00	0.968	1.00	10.00	10.00	1.115	1.115	1.00
18	8:18	1.00	0.992	1.00	10.00	10.00	1.197	1.197	1.00
19	8:23	1.00	1.002	1.00	10.00	10.00	1.217	1.217	1.00
20	7:56	1.00	0.948	1.00	10.00	10.00	1.211	1.211	1.00
21	3:21	1.00	0.400	1.00	10.00	10.00	0.547	0.547	1.00
22	3:22	1.00	0.402	1.00	10.00	10.00	0.872	0.872	1.00
23	8:38	1.00	1.032	1.00	10.00	10.00	0.518	0.518	1.00
24	8:41	1.00	1.038	1.00	10.00	10.00	1.100	1.100	1.00
25	8:49	1.00	1.054	1.00	10.00	10.00	1.131	1.131	1.00
26	8:50	1.00	1.056	1.00	10.00	10.00	1.305	1.305	1.00
27	9:02	1.00	1.080	1.00	10.00	10.00	1.094	1.094	1.00
28	9:03	1.00	1.082	1.00	10.00	10.00	0.588	0.588	1.00
29	9:09	1.00	1.094	1.00	10.00	10.00	0.440	0.440	1.00
30	9:18	1.00	0.900	1.00	10.00	10.00	0.281	0.281	1.00
31	9:38	1.00	0.932	1.00	10.00	10.00	0.545	0.545	1.00
32	9:47	1.00	0.947	1.00	10.00	10.00	0.170	0.170	1.00
33	9:50	1.00	0.952	1.00	10.00	10.00	0.220	0.220	1.00
34	9:59	1.00	0.966	1.00	10.00	10.00	0.127	0.127	1.00
35	9:57	1.00	0.963	1.00	10.00	10.00	0.375	0.375	1.00
36	10:09	1.00	0.982	1.00	10.00	10.00	0.259	0.259	1.00
37	10:15	1.00	0.992	1.00	10.00	10.00	0.269	0.269	1.00
38	10:22	1.00	1.003	1.00	10.00	10.00	0.885	0.885	1.00
39	10:29	1.00	1.015	1.00	10.00	10.00	0.274	0.274	1.00
40	10:36	1.00	1.026	1.00	10.00	10.00	0.129	0.129	1.00
41	11:11	1.00	1.082	1.00	10.00	10.00	0.227	0.227	1.00
42	11:23	1.00	1.102	1.00	10.00	10.00	0.561	0.561	1.00
43	11:43	1.00	0.901	1.00	10.00	10.00	0.253	0.253	1.00
44	11:51	1.00	0.912	1.00	10.00	10.00	0.337	0.337	1.00
45	11:56	1.00	0.918	1.00	10.00	10.00	0.344	0.344	1.00
46	12:08	1.00	0.933	1.00	10.00	10.00	0.999	0.999	1.00
47	12:20	1.00	0.949	1.00	10.00	10.00	0.270	0.270	1.00
48	12:35	1.00	0.968	1.00	10.00	10.00	1.105	1.105	1.00
49	12:46	1.00	0.982	1.00	10.00	10.00	1.660	1.660	1.00
50	12:58	1.00	0.997	1.00	10.00	10.00	0.087	0.087	1.00

SST0024
BS110994C

300285

Data Subject To Validation

Quantitation Report File: BS110994C

Data: BS110994C.TI

11/09/94 11:08:00

Sample: SST020 290-02-SV10

Conds.: RTX-5 0.25MM X 30M 1.0UM 45/4-325@20

INST B

Formula: X X X

Instrument: B

Weight: 1.001

Submitted by:

Analyst: JAM

Acct. No.:

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

Resp. fac. from Library Entry

No	Name	
51	C550	*ACENAPHTHENE 0.8
52	C321	2,3,4,6-TETRACHLOROPHENOL
53	C555	&2,4DINITROPHENOL
54	C560	&4NITROPHENOL
55	C565	DIBENZOFURAN 0.8
56	C570	2,4DINITROTOLUENE 0.2 T
57	C543	2,6DINITROTOLUENE 0.2
58	C580	DIETHYL PHTHALATE
59	C585	4CHLOROPHENYL PHEN 0.4
60	C590	FLUORENE 0.9
61	C595	4-NITROANILINE
62	C610	4,6DINITRO2METHYLPH
63	C615	*DIPHENYLAMINE
64	C625	4BROMOPHENYL PHENY 0.1
65	C630	CL6BENZENE 0.1 T
66	C635	*PENTACHLOROPHENOL 0.05 T
67	C650	DI-NBUTYLPHTHALATE
68	C655	*FLUORANTHENE 0.6
69	D200	1,2-DIPHENYLHYDRAZINE
70	C647	CARBAZOLE
71	C715	PYRENE 0.6
72	C720	BUTYLBENZYLPHTHALATE
73	C725	3,3'CL2BENZIDINE
74	C730	BENZO(A)ANTHRACENE 0.8
75	C740	BIS(2ETHYLHEXYL)PHTH
76	C735	CHRYSENE 0.7
77	C760	*DI-N-OCTYLPHTHALATE
78	C765	BENZO(B)FLUORANTHE 0.7
79	C770	BENZO(K)FLUORANTHE 0.7
80	C775	*BENZO(A)PYRENE 0.7
81	C780	INDENO(1,2,3CD)PYR 0.5
82	C785	DIBENZO(A,H)ANTHRA 0.4
83	C790	BENZO(G,H,I)PERYLE 0.5
84	C640	PHENANTHRENE 0.7
85	C645	ANTHRACENE 0.7

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
51	153	783	13:03	3	1.004	A BB	9553.	10.000 PPB	1.10
52	232	811	13:31	3	1.040	A BB	3119.	10.000 PPB	1.10
53	184	786	13:06	3	1.008	A BB	1100.	10.000 PPB	1.10
54	109	792	13:12	3	1.015	A BB	686.	10.000 PPB	1.10
55	168	796	13:16	3	1.021	A BB	14138.	10.000 PPB	1.10
56	165	798	13:18	3	1.023	A BB	3534.	10.000 PPB	1.10
57	165	763	12:43	3	0.978	A BB	2928.	10.000 PPB	1.10
58	149	817	13:37	3	1.047	A BB	10779.	10.000 PPB	1.10

Data Subject To Validation

300286

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
59	204	825	13:45	3	1.058	A BB	5345.	10.000 PPB	1.10
60	166	827	13:47	3	1.060	A BB	11505.	10.000 PPB	1.10
61	138	835	13:55	3	1.071	A VB	1539.	10.000 PPB	1.10
62	198	835	13:55	4	0.915	A BB	1896.	10.000 PPB	1.10
63	169	836	13:56	4	0.916	A BB	6620.	10.000 PPB	1.10
64	248	869	14:29	4	0.952	A BB	2962.	10.000 PPB	1.10
65	284	884	14:44	4	0.968	A BB	2889.	10.000 PPB	1.10
66	266	900	15:00	4	0.986	A BB	1684.	10.000 PPB	1.10
67	149	960	16:00	4	1.051	A BB	19015.	10.000 PPB	1.10
68	202	1022	17:02	4	1.119	A BB	16186.	10.000 PPB	1.10
69	77	839	13:59	4	0.919	A BB	11572.	10.000 PPB	1.10
70	167	933	15:33	4	1.022	A BB	13167.	10.000 PPB	1.10
71	202	1044	17:24	5	0.888	A BB	16994.	10.000 PPB	1.10
72	149	1098	18:18	5	0.934	A BB	8488.	10.000 PPB	1.10
73	252	1167	19:27	5	0.992	A BB	3485.	10.000 PPB	1.10
74	228	1173	19:33	5	0.997	A BV	14398.	10.000 PPB	1.10
75	149	1163	19:23	5	0.989	A BB	11639.	10.000 PPB	1.10
76	228	1179	19:39	5	1.003	A VB	13060.	10.000 PPB	1.10
77	149	1262	21:02	6	0.859	A BB	19173.	10.000 PPB	1.10
78	252	1371	22:51	6	0.933	A BV	13884.	10.000 PPB	1.10
79	252	1376	22:56	6	0.936	A VB	12380.	10.000 PPB	1.10
80	252	1453	24:13	6	0.988	A BB	12605.	10.000 PPB	1.10
81	276	1836	30:36	6	1.249	A BB	13221.	10.000 PPB	1.10
82	278	1842	30:42	6	1.253	A BB	10243.	10.000 PPB	1.10
83	276	1950	32:30	6	1.327	A BB	11093.	10.000 PPB	1.10
84	178	915	15:15	4	1.002	M XX	15659.	10.000 PPB	1.10
85	178	918	15:18	4	1.005	M XX	16210.	10.000 PPB	1.10

No	Ret(L)	Ratio	RRT(L)	Ratio	Amnt	Amnt(L)	R. Fac	R. Fac(L)	Ratio
51	13:03	1.00	1.004	1.00	10.00	10.00	0.913	0.913	1.00
52	13:31	1.00	1.040	1.00	10.00	10.00	0.298	0.298	1.00
53	13:06	1.00	1.008	1.00	10.00	10.00	0.105	0.105	1.00
54	13:12	1.00	1.015	1.00	10.00	10.00	0.066	0.066	1.00
55	13:16	1.00	1.021	1.00	10.00	10.00	1.351	1.351	1.00
56	13:18	1.00	1.023	1.00	10.00	10.00	0.338	0.338	1.00
57	12:43	1.00	0.978	1.00	10.00	10.00	0.280	0.280	1.00
58	13:37	1.00	1.047	1.00	10.00	10.00	1.030	1.030	1.00
59	13:45	1.00	1.058	1.00	10.00	10.00	0.511	0.511	1.00
60	13:47	1.00	1.060	1.00	10.00	10.00	1.100	1.100	1.00
61	13:55	1.00	1.071	1.00	10.00	10.00	0.147	0.147	1.00
62	13:55	1.00	0.915	1.00	10.00	10.00	0.121	0.121	1.00
63	13:56	1.00	0.916	1.00	10.00	10.00	0.424	0.424	1.00
64	14:29	1.00	0.952	1.00	10.00	10.00	0.190	0.190	1.00
65	14:44	1.00	0.968	1.00	10.00	10.00	0.185	0.185	1.00
66	15:00	1.00	0.986	1.00	10.00	10.00	0.108	0.108	1.00
67	16:00	1.00	1.051	1.00	10.00	10.00	1.218	1.218	1.00
68	17:02	1.00	1.119	1.00	10.00	10.00	1.037	1.037	1.00
69	13:59	1.00	0.919	1.00	10.00	10.00	0.741	0.741	1.00
70	15:33	1.00	1.022	1.00	10.00	10.00	0.844	0.844	1.00
71	17:24	1.00	0.888	1.00	10.00	10.00	1.362	1.362	1.00
72	18:18	1.00	0.934	1.00	10.00	10.00	0.680	0.680	1.00
73	19:27	1.00	0.992	1.00	10.00	10.00	0.279	0.279	1.00
74	19:33	1.00	0.997	1.00	10.00	10.00	1.154	1.154	1.00
75	19:23	1.00	0.989	1.00	10.00	10.00	0.933	0.933	1.00
76	19:39	1.00	1.003	1.00	10.00	10.00	1.047	1.047	1.00
77	21:02	1.00	0.859	1.00	10.00	10.00	1.441	1.441	1.00

5570420
BS119954C

300287

Data Subject To Validation

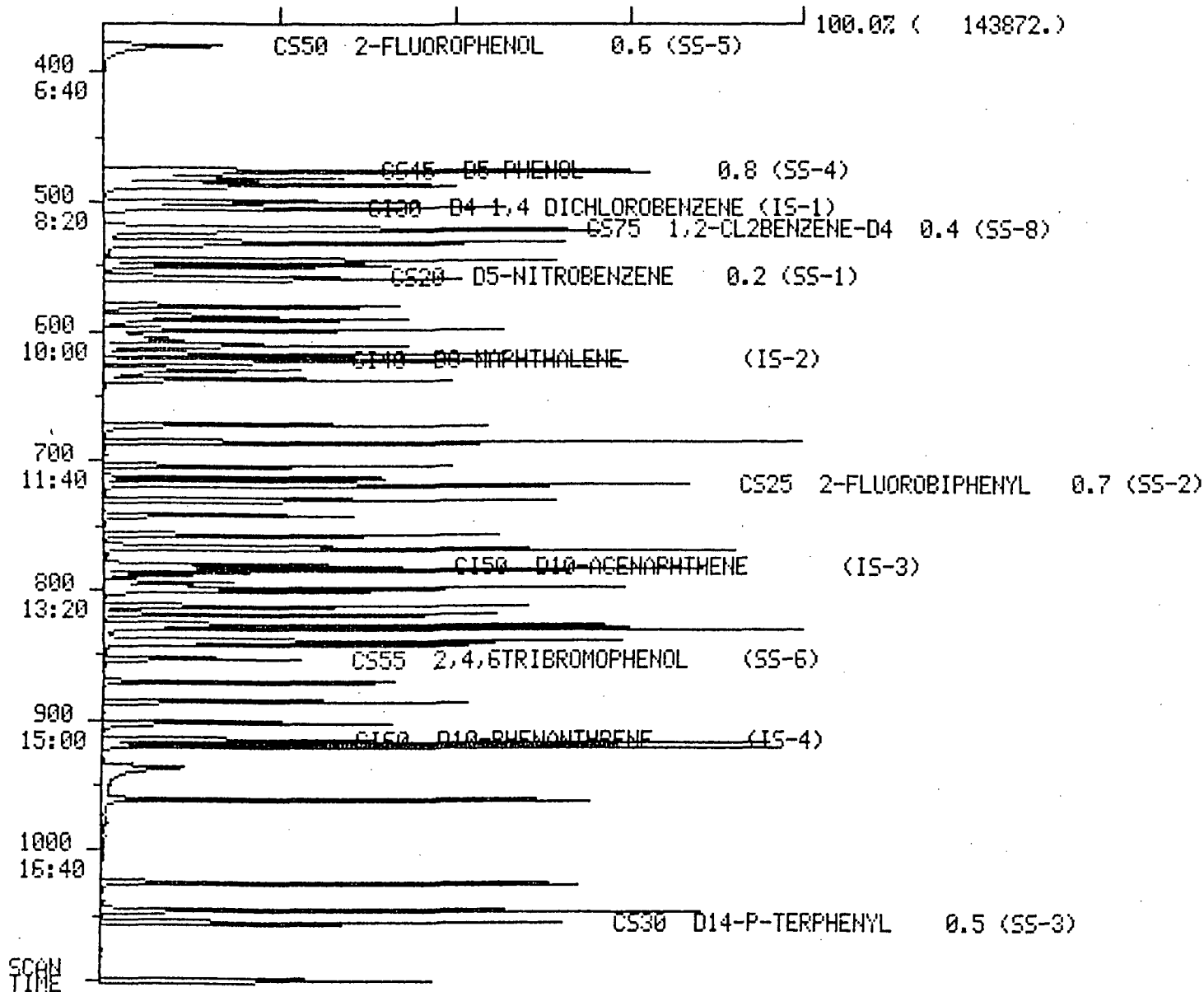
No	Ret(L)	Ratio	RRT(L)	Ratio	Amnt	Amnt(L)	R. Fac	R. Fac(L)	Ratio
78	22:51	1.00	0.933	1.00	10.00	10.00	1.044	1.044	1.00
79	22:56	1.00	0.936	1.00	10.00	10.00	0.931	0.931	1.00
80	24:13	1.00	0.988	1.00	10.00	10.00	0.948	0.948	1.00
81	30:36	1.00	1.249	1.00	10.00	10.00	0.994	0.994	1.00
82	30:42	1.00	1.253	1.00	10.00	10.00	0.770	0.770	1.00
83	32:30	1.00	1.327	1.00	10.00	10.00	0.834	0.834	1.00
84	15:15	1.00	1.002	1.00	10.00	10.00	1.003	1.003	1.00
85	15:18	1.00	1.005	1.00	10.00	10.00	1.039	1.039	1.00

SST0020
BS110999C

Data Subject To Validation.

300288

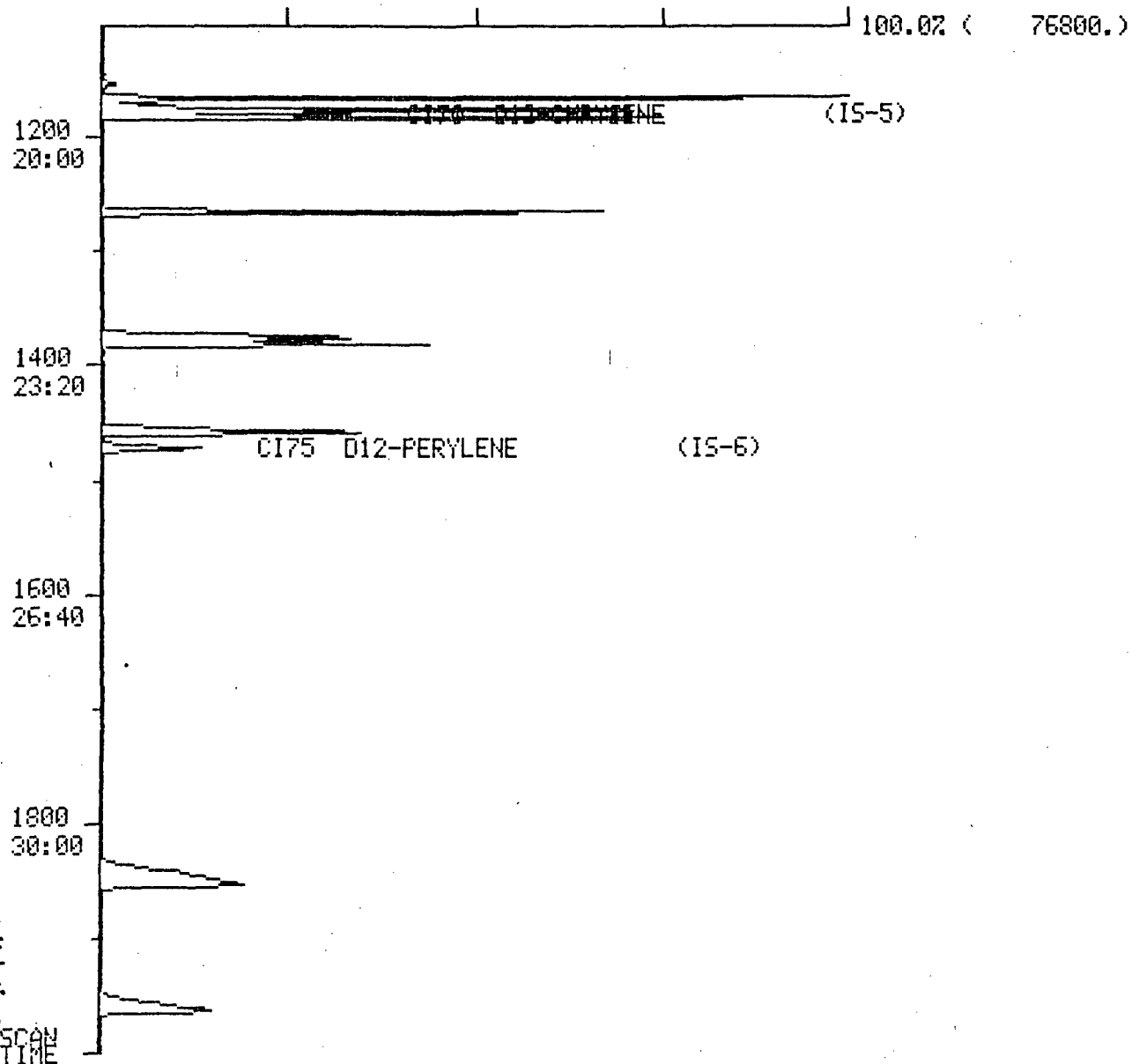
DATA FROM FILE: BS110994D SCANS 362 TO 1102 ACQUIRED: 11/09/94 11:48:00
 CALI: BS110994D #1
 SAMPLE: SSTD120 290-02-SU60
 CONDS.: RTX-5 0.25MM X 30M 1.0UM 45/4-325020 INST B



Data Subject To Validation
 300289

NOV 9 1994

DATA FROM FILE: BS110994D SCANS 1102 TO 2000 ACQUIRED: 11/09/94 11:48:00
CALI: BS110994D #1
SAMPLE: SSTD120 290-02-SU60
CONDS.: RTX-5 0.25MM X 30M 1.0UM 45/4-325020 INST B



Data Subject To Validation

300290

Quantitation Report File: BS110994D

Data: BS110994D.T1

11/09/94 11:48:00

Sample: SSTD120 290-02-SV60

Conds.: RTX-5 0.25MM X 30M 1.0UM 45/4-325@20

INST B

Formula: X X X

Instrument: B

Weight: 1.001

Submitted by:

Analyst: JAM

Acct. No.:

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

Resp. fac. from Library Entry

No	Name	
1	CI30	D4-1,4 DICHLOOROBENZENE (IS-1)
2	CI40	D8-NAPHTHALENE (IS-2)
3	CI50	D10-ACENAPHTHENE (IS-3)
4	CI60	D10-PHENANTHRENE (IS-4)
5	CI70	D12-CHRYSENE (IS-5)
6	CI75	D12-PERYLENE (IS-6)
7	CS50	2-FLUOROPHENOL 0.6 (SS-5)
8	CS45	D5-PHENOL 0.8 (SS-4)
9	CS20	D5-NITROBENZENE 0.2 (SS-1)
10	CS25	2-FLUOROBIPHENYL 0.7 (SS-2)
11	CS55	2,4,6-TRIBROMOPHENOL (SS-6)
12	CS30	D14-P-TERPHENYL 0.5 (SS-3)
13	CS70	2-CHLOROPHENOL-D4 0.8 (SS-7)
14	CS75	1,2-CL2BENZENE-D4 0.4 (SS-8)
15	C315	*PHENOL 0.8
16	C325	BIS(2CHLOROETHYL)E 0.7
17	C330	2CHLOROPHENOL 0.8
18	C335	1,3DICHLOOROBENZENE 0.6
19	C340	*1,4DICHLOOROBENZENE 0.5 T
20	C320	ANILINE
21	C310	N-NITROSODIMETHYLAMINE
22	C319	PYRIDINE T
23	C345	BENZYL ALCOHOL
24	C350	1,2DICHLOOROBENZENE 0.4
25	C355	2METHYLPHENOL 0.7 T
26	C357	2,2'OXYBIS(1CHLOROPR
27	C365	4METHYLPHENOL 0.6 T
28	C370	&NITROSOPROPYLAMINE 0.5
29	C375	HEXACHLOROETHANE 0.3 T
30	C410	NITROBENZENE 0.2 T
31	C415	ISOPHORONE 0.4
32	C420	*2-NITROPHENDL 0.1
33	C425	2,4-DIMETHYLPHENOL 0.2
34	C430	BENZOIC ACID
35	C435	BIS(2CHLOROETHOXY) 0.3
36	C440	*2,4DICHLOROPHENOL 0.2
37	C445	1,2,4TRICHLOOROBENZ 0.2
38	C450	NAPHTHALENE 0.7
39	C455	4-CHLOROANILINE
40	C460	*CL6BUTADIENE T
41	C465	*4CHLORO3METHYLPHEN 0.2
42	C470	2METHYLNAPHTHALENE 0.4
43	C510	&CL6CYCLOPENTADIENE
44	C515	*246TRICHLOROPHNEOL 0.2 T
45	C520	2,4,5TRICHLOROPHEN 0.2 T
46	C525	2CHLORONAPHTHALENE 0.8
47	C530	2-NITROANILINE

300291

Data Subject To Validation

No Name
 48 C535 DIMETHYL PHTHALATE
 49 C540 ACENAPHTHYLENE 1.3
 50 C545 3-NITROANILINE

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
1	152	502	8:22	1	1.000	A BB	10537.	20.000 PPB	0.41
2	136	620	10:20	2	1.000	A BB	35662.	20.000 PPB	0.41
3	164	780	13:00	3	1.000	A BB	19566.	20.000 PPB	0.41
4	188	913	15:13	4	1.000	A BB	29511.	20.000 PPB	0.41
5	240	1177	19:37	5	1.000	A BB	18310.	20.000 PPB	0.41
6	264	1471	24:31	6	1.000	A BB	16752.	20.000 PPB	0.41
7	112	378	6:18	1	0.753	A BB	32550.	60.000 PPB	1.23
8	99	474	7:54	1	0.944	A BV	42973.	60.000 PPB	1.23
9	82	557	9:17	2	0.898	A BB	31873.	60.000 PPB	1.23
10	172	717	11:57	3	0.919	A BB	60592.	60.000 PPB	1.23
11	330	852	14:12	3	1.092	A BB	7146.	60.000 PPB	1.23
12	244	1054	17:34	5	0.895	A BB	47947.	60.000 PPB	1.23
13	132	485	8:05	1	0.966	A BB	35752.	60.000 PPB	1.23
14	152	520	8:40	1	1.036	A BB	22656.	60.000 PPB	1.23
15	94	476	7:56	1	0.948	A BB	51743.	60.000 PPB	1.23
16	93	481	8:01	1	0.958	A VB	45939.	60.000 PPB	1.23
17	128	486	8:06	1	0.968	A BB	36433.	60.000 PPB	1.23
18	146	498	8:18	1	0.992	A BV	40853.	60.000 PPB	1.23
19	146	503	8:23	1	1.002	A VB	41213.	60.000 PPB	1.23
20	93	476	7:56	1	0.948	A BV	45849.	60.000 PPB	1.23
21	74	199	3:19	1	0.396	A BB	20700.	60.000 PPB	1.23
22	79	199	3:19	1	0.396	A BB	29433.	60.000 PPB	1.23
23	108	518	8:38	1	1.032	A BV	19544.	60.000 PPB	1.23
24	146	521	8:41	1	1.038	A BB	38563.	60.000 PPB	1.23
25	108	530	8:50	1	1.056	A VB	33006.	60.000 PPB	1.23
26	45	530	8:50	1	1.056	A BB	42716.	60.000 PPB	1.23
27	108	543	9:03	1	1.082	A BB	32504.	60.000 PPB	1.23
28	70	545	9:05	1	1.086	A BB	20736.	60.000 PPB	1.23
29	117	549	9:09	1	1.094	A BB	14837.	60.000 PPB	1.23
30	77	559	9:19	2	0.902	A BB	34432.	60.000 PPB	1.23
31	82	579	9:39	2	0.934	A BV	65071.	60.000 PPB	1.23
32	139	587	9:47	2	0.947	A BB	19786.	60.000 PPB	1.23
33	107	590	9:50	2	0.952	A BB	23894.	60.000 PPB	1.23
34	122	606	10:06	2	0.977	A VB	17435.	60.000 PPB	1.23
35	93	598	9:58	2	0.965	A BB	44033.	60.000 PPB	1.23
36	162	609	10:09	2	0.982	A BB	28289.	60.000 PPB	1.23
37	180	616	10:16	2	0.994	A BB	29790.	60.000 PPB	1.23
38	128	622	10:22	2	1.003	A BV	89113.	60.000 PPB	1.23
39	127	629	10:29	2	1.015	A BB	38828.	60.000 PPB	1.23
40	225	636	10:36	2	1.026	A BB	13762.	60.000 PPB	1.23
41	107	671	11:11	2	1.082	A BB	27386.	60.000 PPB	1.23
42	142	684	11:24	2	1.103	A BB	66210.	60.000 PPB	1.23
43	237	703	11:43	3	0.901	A BB	17508.	60.000 PPB	1.23
44	196	711	11:51	3	0.912	A BV	19552.	60.000 PPB	1.23
45	196	716	11:56	3	0.918	A VB	22302.	60.000 PPB	1.23
46	162	728	12:08	3	0.933	A BB	59680.	60.000 PPB	1.23
47	65	741	12:21	3	0.950	A BB	17201.	60.000 PPB	1.23
48	163	756	12:36	3	0.969	A BB	65299.	60.000 PPB	1.23
49	152	767	12:47	3	0.983	A BB	91731.	60.000 PPB	1.23
50	138	779	12:59	3	0.999	A VB	9340.	60.000 PPB	1.23

550174

BS1199940

300292

Data Subject To Validation

No	Ret(L)	Ratio	RRT(L)	Ratio	Amnt	Amnt(L)	R. Fac	R. Fac(L)	Ratio
1	8:22	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
2	10:20	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
3	13:00	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
4	15:13	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
5	19:37	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
6	24:31	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
7	6:18	1.00	0.753	1.00	60.00	60.00	1.030	1.030	1.00
8	7:54	1.00	0.944	1.00	60.00	60.00	1.359	1.359	1.00
9	9:17	1.00	0.898	1.00	60.00	60.00	0.298	0.298	1.00
10	11:57	1.00	0.919	1.00	60.00	60.00	1.032	1.032	1.00
11	14:12	1.00	1.092	1.00	60.00	60.00	0.122	0.122	1.00
12	17:34	1.00	0.895	1.00	60.00	60.00	0.873	0.873	1.00
13	8:05	1.00	0.966	1.00	60.00	60.00	1.131	1.131	1.00
14	8:40	1.00	1.036	1.00	60.00	60.00	0.717	0.717	1.00
15	7:56	1.00	0.948	1.00	60.00	60.00	1.637	1.637	1.00
16	8:01	1.00	0.958	1.00	60.00	60.00	1.453	1.453	1.00
17	8:06	1.00	0.968	1.00	60.00	60.00	1.153	1.153	1.00
18	8:18	1.00	0.992	1.00	60.00	60.00	1.292	1.292	1.00
19	8:23	1.00	1.002	1.00	60.00	60.00	1.304	1.304	1.00
20	7:56	1.00	0.948	1.00	60.00	60.00	1.450	1.450	1.00
21	3:19	1.00	0.396	1.00	60.00	60.00	0.655	0.655	1.00
22	3:19	1.00	0.396	1.00	60.00	60.00	0.931	0.931	1.00
23	8:38	1.00	1.032	1.00	60.00	60.00	0.618	0.618	1.00
24	8:41	1.00	1.038	1.00	60.00	60.00	1.220	1.220	1.00
25	8:50	1.00	1.056	1.00	60.00	60.00	1.044	1.044	1.00
26	8:50	1.00	1.056	1.00	60.00	60.00	1.351	1.351	1.00
27	9:03	1.00	1.082	1.00	60.00	60.00	1.028	1.028	1.00
28	9:05	1.00	1.086	1.00	60.00	60.00	0.656	0.656	1.00
29	9:09	1.00	1.094	1.00	60.00	60.00	0.469	0.469	1.00
30	9:19	1.00	0.902	1.00	60.00	60.00	0.322	0.322	1.00
31	9:39	1.00	0.934	1.00	60.00	60.00	0.608	0.608	1.00
32	9:47	1.00	0.947	1.00	60.00	60.00	0.185	0.185	1.00
33	9:50	1.00	0.952	1.00	60.00	60.00	0.223	0.223	1.00
34	10:06	1.00	0.977	1.00	60.00	60.00	0.163	0.163	1.00
35	9:58	1.00	0.965	1.00	60.00	60.00	0.412	0.412	1.00
36	10:09	1.00	0.982	1.00	60.00	60.00	0.264	0.264	1.00
37	10:16	1.00	0.994	1.00	60.00	60.00	0.278	0.278	1.00
38	10:22	1.00	1.003	1.00	60.00	60.00	0.833	0.833	1.00
39	10:29	1.00	1.015	1.00	60.00	60.00	0.363	0.363	1.00
40	10:36	1.00	1.026	1.00	60.00	60.00	0.129	0.129	1.00
41	11:11	1.00	1.082	1.00	60.00	60.00	0.256	0.256	1.00
42	11:24	1.00	1.103	1.00	60.00	60.00	0.619	0.619	1.00
43	11:43	1.00	0.901	1.00	60.00	60.00	0.298	0.298	1.00
44	11:51	1.00	0.912	1.00	60.00	60.00	0.333	0.333	1.00
45	11:56	1.00	0.918	1.00	60.00	60.00	0.380	0.380	1.00
46	12:08	1.00	0.933	1.00	60.00	60.00	1.017	1.017	1.00
47	12:21	1.00	0.950	1.00	60.00	60.00	0.293	0.293	1.00
48	12:36	1.00	0.969	1.00	60.00	60.00	1.112	1.112	1.00
49	12:47	1.00	0.983	1.00	60.00	60.00	1.563	1.563	1.00
50	12:59	1.00	0.999	1.00	60.00	60.00	0.159	0.159	1.00

SP70124

BS1149940

300293

Data Subject To Validation

Quantitation Report File: BS110994D

Data: BS110994D.TI

11/09/94 11:48:00

Sample: SSTD120 290-02-SV60

Conds.: RTX-5 0.25MM X 30M 1.0UM 45/4-325@20

INST B

Formula: X X X

Instrument: B

Weight: 1.001

Submitted by:

Analyst: JAM

Acct. No.:

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

Resp. fac. from Library Entry

No	Name	
51	C550	*ACENAPHTHENE 0.8
52	C321	2,3,4,6-TETRACHLOROPHENOL
53	C555	&2,4DINITROPHENOL
54	C560	&4NITROPHENOL
55	C565	DIBENZOFURAN 0.8
56	C570	2,4DINITROTOLUENE 0.2 T
57	C543	2,6DINITROTOLUENE 0.2
58	C580	DIETHYL PHTHALATE
59	C585	4CHLOROPHENYL PHEN 0.4
60	C590	FLUORENE 0.9
61	C595	4-NITROANILINE
62	C610	4,6DINITRO2METHYLPH
63	C615	*DIPHENYLAMINE
64	C625	4BROMOPHENYL PHENY 0.1
65	C630	CL6BENZENE 0.1 T
66	C635	*PENTACHLOROPHENOL 0.05 T
67	C640	PHENANTHRENE 0.7
68	C645	ANTHRACENE 0.7
69	C650	DI-NBUTYLPHTHALATE
70	C655	*FLUORANTHENE 0.6
71	D200	1,2-DIPHENYLHYDRAZINE
72	C647	CARBAZOLE
73	C715	PYRENE 0.6
74	C720	BUTYLBENZYLPHTHALATE
75	C725	3,3'CL2BENZIDINE
76	C730	BENZO(A)ANTHRACENE 0.8
77	C740	BIS(2ETHYLHEXYL)PHTH
78	C735	CHRYSENE 0.7
79	C760	*DI-N-OCTYLPHTHALATE
80	C775	*BENZO(A)PYRENE 0.7
81	C780	INDENO(1,2,3CD)PYR 0.5
82	C785	DIBENZO(A,H)ANTHRA 0.4
83	C790	BENZO(G,H,I)PERYLE 0.5
84	C765	BENZO(B)FLUORANTHE 0.7
85	C770	BENZO(K)FLUORANTHE 0.7

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
51	153	783	13:03	3	1.004	A BB	52715.	60.000 PPB	1.23
52	232	812	13:32	3	1.041	A BB	18594.	60.000 PPB	1.23
53	184	787	13:07	3	1.009	A BB	10409.	60.000 PPB	1.23
54	109	793	13:13	3	1.017	A BB	5381.	60.000 PPB	1.23
55	168	797	13:17	3	1.022	A BB	75675.	60.000 PPB	1.23
56	165	800	13:20	3	1.026	A BB	22170.	60.000 PPB	1.23
57	165	764	12:44	3	0.979	A BB	17232.	60.000 PPB	1.23
58	149	818	13:38	3	1.049	A BB	61901.	60.000 PPB	1.23

300294

Data Subject To Validation

No	m/z	Scan	Time	Ref	RRT-	Meth	Area(Hght)	Amount	%Tot
59	204	826	13:46	3	1.059	A BB	32173.	60.000 PPB	1.23
60	166	829	13:49	3	1.063	A BB	68643.	60.000 PPB	1.23
61	138	837	13:57	3	1.073	A VB	6633.	60.000 PPB	1.23
62	198	837	13:57	4	0.917	A BB	12852.	60.000 PPB	1.23
63	169	838	13:58	4	0.918	A BB	36106.	60.000 PPB	1.23
64	248	869	14:29	4	0.952	A BB	15838.	60.000 PPB	1.23
65	284	885	14:45	4	0.969	A BB	16296.	60.000 PPB	1.23
66	266	901	15:01	4	0.987	A BB	12616.	60.000 PPB	1.23
67	178	916	15:16	4	1.003	A BV	93076.	60.000 PPB	1.23
68	178	920	15:20	4	1.008	A VB	94272.	60.000 PPB	1.23
69	149	961	16:01	4	1.053	A BB	112068.	60.000 PPB	1.23
70	202	1023	17:03	4	1.120	A BB	83216.	60.000 PPB	1.23
71	77	841	14:01	4	0.921	A BB	74249.	60.000 PPB	1.23
72	167	935	15:35	4	1.024	A BB	41797.	60.000 PPB	1.23
73	202	1045	17:25	5	0.888	A BB	79977.	60.000 PPB	1.23
74	149	1098	18:18	5	0.933	A BB	41173.	60.000 PPB	1.23
75	252	1170	19:30	5	0.994	A BB	4604.	60.000 PPB	1.23
76	228	1174	19:34	5	0.997	A BV	60473.	60.000 PPB	1.23
77	149	1164	19:24	5	0.989	A BB	55996.	60.000 PPB	1.23
78	228	1181	19:41	5	1.003	A VB	55856.	60.000 PPB	1.23
79	149	1264	21:04	6	0.859	A BB	84020.	60.000 PPB	1.23
80	252	1457	24:17	6	0.990	A BB	46588.	60.000 PPB	1.23
81	276	1843	30:43	6	1.253	A BB	44926.	60.000 PPB	1.23
82	278	1851	30:51	6	1.258	A BB	34808.	60.000 PPB	1.23
83	276	1961	32:41	6	1.333	A BB	36370.	60.000 PPB	1.23
84	252	1374	22:54	6	0.934	M XX ⁿ 19/14	57638.	60.000 PPB	1.23
85	252	1380	23:00	6	0.938	M XX	48508.	60.000 PPB	1.23

No	Ret(L)	Ratio	RRT(L)	Ratio	Amnt	Amnt(L)	R. Fac	R. Fac(L)	Ratio
51	13:03	1.00	1.004	1.00	60.00	60.00	0.898	0.898	1.00
52	13:32	1.00	1.041	1.00	60.00	60.00	0.317	0.317	1.00
53	13:07	1.00	1.009	1.00	60.00	60.00	0.177	0.177	1.00
54	13:13	1.00	1.017	1.00	60.00	60.00	0.092	0.092	1.00
55	13:17	1.00	1.022	1.00	60.00	60.00	1.289	1.289	1.00
56	13:20	1.00	1.026	1.00	60.00	60.00	0.378	0.378	1.00
57	12:44	1.00	0.979	1.00	60.00	60.00	0.294	0.294	1.00
58	13:38	1.00	1.049	1.00	60.00	60.00	1.055	1.055	1.00
59	13:46	1.00	1.059	1.00	60.00	60.00	0.548	0.548	1.00
60	13:49	1.00	1.063	1.00	60.00	60.00	1.169	1.169	1.00
61	13:57	1.00	1.073	1.00	60.00	60.00	0.113	0.113	1.00
62	13:57	1.00	0.917	1.00	60.00	60.00	0.145	0.145	1.00
63	13:58	1.00	0.918	1.00	60.00	60.00	0.408	0.408	1.00
64	14:29	1.00	0.952	1.00	60.00	60.00	0.179	0.179	1.00
65	14:45	1.00	0.969	1.00	60.00	60.00	0.184	0.184	1.00
66	15:01	1.00	0.987	1.00	60.00	60.00	0.143	0.143	1.00
67	15:16	1.00	1.003	1.00	60.00	60.00	1.051	1.051	1.00
68	15:20	1.00	1.008	1.00	60.00	60.00	1.065	1.065	1.00
69	16:01	1.00	1.053	1.00	60.00	60.00	1.266	1.266	1.00
70	17:03	1.00	1.120	1.00	60.00	60.00	0.940	0.940	1.00
71	14:01	1.00	0.921	1.00	60.00	60.00	0.839	0.839	1.00
72	15:35	1.00	1.024	1.00	60.00	60.00	0.472	0.472	1.00
73	17:25	1.00	0.888	1.00	60.00	60.00	1.456	1.456	1.00
74	18:18	1.00	0.933	1.00	60.00	60.00	0.750	0.750	1.00
75	19:30	1.00	0.994	1.00	60.00	60.00	0.084	0.084	1.00
76	19:34	1.00	0.997	1.00	60.00	60.00	1.101	1.101	1.00
77	19:24	1.00	0.989	1.00	60.00	60.00	1.019	1.019	1.00

ST012P
351109940

300295

Data Subject To Validation

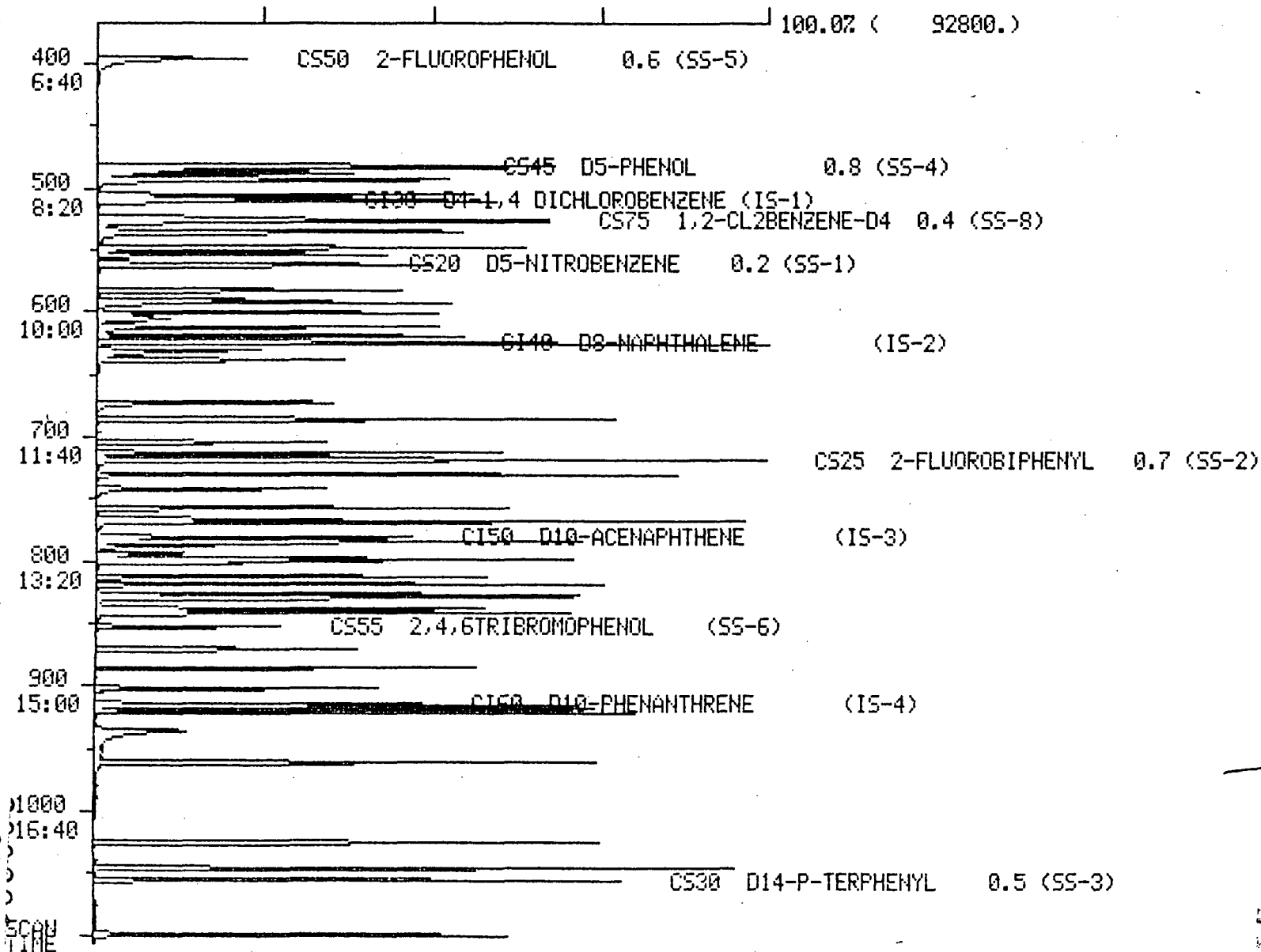
No	Ret(L)	Ratio	RRT(L)	Ratio	- Amnt	Amnt(L)	R. Fac	R. Fac(L)	Ratio
78	19:41	1.00	1.003	1.00	60.00	60.00	1.017	1.017	1.00
79	21:04	1.00	0.859	1.00	60.00	60.00	1.672	1.672	1.00
80	24:17	1.00	0.990	1.00	60.00	60.00	0.927	0.927	1.00
81	30:43	1.00	1.253	1.00	60.00	60.00	0.894	0.894	1.00
82	30:51	1.00	1.258	1.00	60.00	60.00	0.693	0.693	1.00
83	32:41	1.00	1.333	1.00	60.00	60.00	0.724	0.724	1.00
84	22:54	1.00	0.934	1.00	60.00	60.00	1.147	1.147	1.00
85	23:00	1.00	0.938	1.00	60.00	60.00	0.965	0.965	1.00

JSTO 124
BS1199940

300296

Data Subject To Validation

DATA FROM FILE: BS110994E SCANS 367 TO 1107 ACQUIRED: 11/09/94 12:29:00
 CALI: BS110994E #1
 SAMPLE: SSTD080 290-02-SU40
 CONDS.: RTX-5 0.25MM X 30M 1.0UM 45/4-325020 INST B



Data Subject To Validation

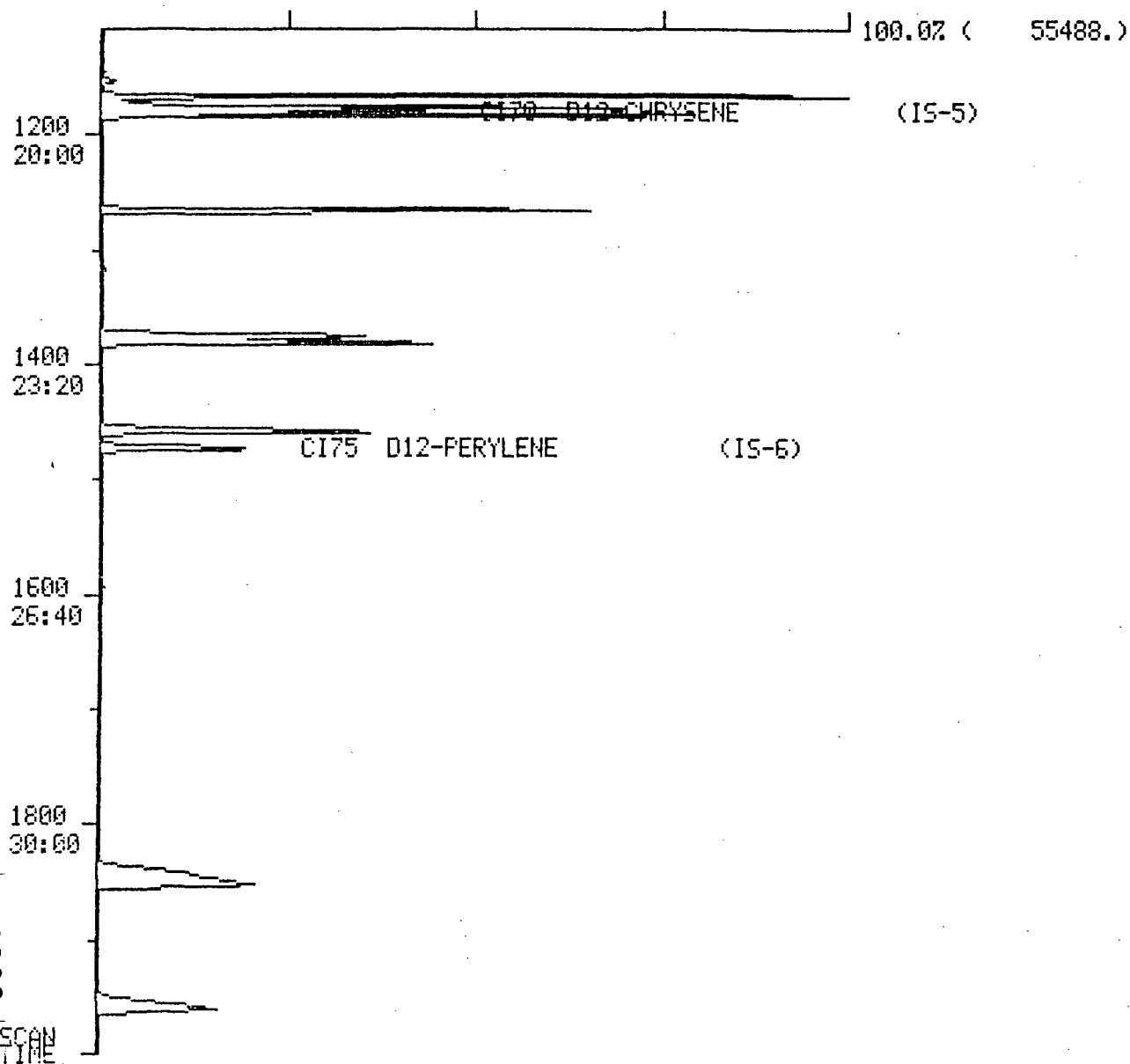
300297

SCAN
TIME

NOV 9 1994

RECEIVED

DATA FROM FILE: BS110994E SCANS 1107 TO 2000 ACQUIRED: 11/09/94 12:29:00
CALI: BS110994E #1
SAMPLE: SSTD080 290-02-SV40
CONDS.: RTX-5 0.25MM X 30M 1.0UM 45/4-325020 INST B



Quantitation Report File: BS110994E

Data: BS110994E.TI

11/09/94 12:29:00

Sample: SSTDD80 290-02-SV40

Conds.: RTX-5 0.25MM X 30M 1.0UM 45/4-325e20

Formula: X X X

Instrument: B

Submitted by:

Analyst: JAM

INST B

Weight: 1.001

Acct. No.:

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

Resp. fac. from Library Entry

No	Name	
1	CI30 D4-1,4 DICHLOROBENZENE (IS-1)	
2	CI40 D8-NAPHTHALENE (IS-2)	
3	CI50 D10-ACENAPHTHENE (IS-3)	
4	CI60 D10-PHENANTHRENE (IS-4)	
5	CI70 D12-CHRYSENE (IS-5)	
6	CI75 D12-PERYLENE (IS-6)	
7	CS50 2-FLUOROPHENOL 0.6 (SS-5)	
8	CS45 D5-PHENOL 0.8 (SS-4)	
9	CS20 D5-NITROBENZENE 0.2 (SS-1)	
10	CS25 2-FLUOROBIPHENYL 0.7 (SS-2)	
11	CS55 2,4,6TRIBROMOPHENOL (SS-6)	
12	CS30 D14-P-TERPHENYL 0.5 (SS-3)	
13	CS70 2-CHLOROPHENOL-D4 0.8 (SS-7)	
14	CS75 1,2-CL2BENZENE-D4 0.4 (SS-8)	
15	C315 *PHENOL 0.8	
16	C325 BIS(2CHLOROETHYL)E 0.7	
17	C330 2CHLOROPHENOL 0.8	
18	C335 1,3DICHLOROBENZENE 0.6	
19	C340 *1,4DICHLOROBENZENE 0.5 T	
20	C320 ANILINE	
21	C310 N-NITROSODIMETHYLAMINE	
22	C319 PYRIDINE T	
23	C345 BENZYL ALCOHOL	
24	C350 1,2DICHLOROBENZENE 0.4	
25	C355 2METHYLPHENOL 0.7 T	
26	C357 2,2'OXYBIS(1CHLOROPR	
27	C365 4METHYLPHENOL 0.6 T	
28	C370 &NITROSOPROPYLAMINE 0.5	
29	C375 HEXACHLOROETHANE 0.3 T	
30	C410 NITROBENZENE 0.2 T	
31	C415 ISOPHORONE 0.4	
32	C420 *2-NITROPHENOL 0.1	
33	C425 2,4-DIMETHYLPHENOL 0.2	
34	C430 BENZOIC ACID	
35	C435 BIS(2CHLOROETHOXY) 0.3	
36	C440 *2,4DICHLOROPHENOL 0.2	
37	C445 1,2,4TRICHLOROBENZ 0.2	
38	C450 NAPHTHALENE 0.7	
39	C455 4-CHLOROANILINE	
40	C460 *CL6BUTADIENE T	
41	C465 *4CHLORO3METHYLPHEN 0.2	
42	C470 2METHYLNAPHTHALENE 0.4	
43	C510 &CL6CYCLOPENTADIENE	
44	C515 *246TRICHLOROPHNEOL 0.2 T	
45	C520 2,4,5TRICHLOROPHEN 0.2 T	
46	C525 2CHLORONAPHTHALENE 0.8	
47	C530 2-NITROANILINE	

300299

Data Subject To Validation

No Name
 48 C535 DIMETHYL PHTHALATE
 49 C540 ACENAPHTHYLENE 1.3
 50 C545 3-NITROANILINE

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
1	152	507	8:27	1	1.000	A BB	10398.	20.000 PPB	0.61
2	136	622	10:22	2	1.000	A BB	36125.	20.000 PPB	0.61
3	164	780	13:00	3	1.000	A BB	19679.	20.000 PPB	0.61
4	188	913	15:13	4	1.000	A BB	29242.	20.000 PPB	0.61
5	240	1177	19:37	5	1.000	A BB	19946.	20.000 PPB	0.61
6	264	1471	24:31	6	1.000	A BB	18707.	20.000 PPB	0.61
7	112	394	6:34	1	0.777	A BB	20743.	40.000 PPB	1.22
8	99	481	8:01	1	0.949	A BV	28455.	40.000 PPB	1.22
9	82	560	9:20	2	0.900	A BB	21251.	40.000 PPB	1.22
10	172	718	11:58	3	0.921	A BB	44688.	40.000 PPB	1.22
11	330	852	14:12	3	1.092	A BB	4729.	40.000 PPB	1.22
12	244	1054	17:34	5	0.895	A BB	35386.	40.000 PPB	1.22
13	132	491	8:11	1	0.968	A BB	23521.	40.000 PPB	1.22
14	152	525	8:45	1	1.036	A BB	15358.	40.000 PPB	1.22
15	94	482	8:02	1	0.951	A BB	33732.	40.000 PPB	1.22
16	93	487	8:07	1	0.961	A VB	28830.	40.000 PPB	1.22
17	128	493	8:13	1	0.972	A BB	22939.	40.000 PPB	1.22
18	146	504	8:24	1	0.994	A BV	26119.	40.000 PPB	1.22
19	146	509	8:29	1	1.004	A VB	26109.	40.000 PPB	1.22
20	93	483	8:03	1	0.953	A BV	30327.	40.000 PPB	1.22
21	74	229	3:49	1	0.452	A BB	13412.	40.000 PPB	1.22
22	79	227	3:47	1	0.448	A BB	19137.	40.000 PPB	1.22
23	108	522	8:42	1	1.030	A BV	11839.	40.000 PPB	1.22
24	146	526	8:46	1	1.037	A BB	23613.	40.000 PPB	1.22
25	108	533	8:53	1	1.051	A VB	19870.	40.000 PPB	1.22
26	45	534	8:54	1	1.053	A BB	26404.	40.000 PPB	1.22
27	108	546	9:06	1	1.077	A BB	21332.	40.000 PPB	1.22
28	70	547	9:07	1	1.079	A BB	12475.	40.000 PPB	1.22
29	117	553	9:13	1	1.091	A BB	9384.	40.000 PPB	1.22
30	77	562	9:22	2	0.904	A BB	21442.	40.000 PPB	1.22
31	82	581	9:41	2	0.934	A BV	40927.	40.000 PPB	1.22
32	139	590	9:50	2	0.949	A BB	12547.	40.000 PPB	1.22
33	107	592	9:52	2	0.952	A BB	16209.	40.000 PPB	1.22
34	122	605	10:05	2	0.973	A VV	10139.	40.000 PPB	1.22
35	93	600	10:00	2	0.965	A BB	28210.	40.000 PPB	1.22
36	162	611	10:11	2	0.982	A BB	18083.	40.000 PPB	1.22
37	180	618	10:18	2	0.994	A BB	19931.	40.000 PPB	1.22
38	128	624	10:24	2	1.003	A BV	63233.	40.000 PPB	1.22
39	127	630	10:30	2	1.013	A VB	23529.	40.000 PPB	1.22
40	225	637	10:37	2	1.024	A BB	9186.	40.000 PPB	1.22
41	107	672	11:12	2	1.080	A BB	16605.	40.000 PPB	1.22
42	142	685	11:25	2	1.101	A BB	42392.	40.000 PPB	1.22
43	237	703	11:43	3	0.901	A BB	10697.	40.000 PPB	1.22
44	196	712	11:52	3	0.913	A BV	12762.	40.000 PPB	1.22
45	196	716	11:56	3	0.918	A VB	13506.	40.000 PPB	1.22
46	162	729	12:09	3	0.935	A BB	40555.	40.000 PPB	1.22
47	65	741	12:21	3	0.950	A BB	10137.	40.000 PPB	1.22
48	163	756	12:36	3	0.969	A BB	41643.	40.000 PPB	1.22
49	152	767	12:47	3	0.983	A BB	60685.	40.000 PPB	1.22
50	138	779	12:59	3	0.999	A BB	4997.	40.000 PPB	1.22

570484

351141946

300300

Data Subject To Validation

No	Ret(L)	Ratio	RRT(L)	Ratio	- Amnt	Amnt(L)	R. Fac	R. Fac(L)	Ratio
1	8:27	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
2	10:22	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
3	13:00	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
4	15:13	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
5	19:37	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
6	24:31	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
7	6:34	1.00	0.777	1.00	40.00	40.00	0.997	0.997	1.00
8	8:01	1.00	0.949	1.00	40.00	40.00	1.368	1.368	1.00
9	9:20	1.00	0.900	1.00	40.00	40.00	0.294	0.294	1.00
10	11:58	1.00	0.921	1.00	40.00	40.00	1.135	1.135	1.00
11	14:12	1.00	1.092	1.00	40.00	40.00	0.120	0.120	1.00
12	17:34	1.00	0.895	1.00	40.00	40.00	0.887	0.887	1.00
13	8:11	1.00	0.968	1.00	40.00	40.00	1.131	1.131	1.00
14	8:45	1.00	1.036	1.00	40.00	40.00	0.739	0.739	1.00
15	8:02	1.00	0.951	1.00	40.00	40.00	1.622	1.622	1.00
16	8:07	1.00	0.961	1.00	40.00	40.00	1.386	1.386	1.00
17	8:13	1.00	0.972	1.00	40.00	40.00	1.103	1.103	1.00
18	8:24	1.00	0.994	1.00	40.00	40.00	1.256	1.256	1.00
19	8:29	1.00	1.004	1.00	40.00	40.00	1.255	1.255	1.00
20	8:03	1.00	0.953	1.00	40.00	40.00	1.458	1.458	1.00
21	3:49	1.00	0.452	1.00	40.00	40.00	0.645	0.645	1.00
22	3:47	1.00	0.448	1.00	40.00	40.00	0.920	0.920	1.00
23	8:42	1.00	1.030	1.00	40.00	40.00	0.569	0.569	1.00
24	8:46	1.00	1.037	1.00	40.00	40.00	1.135	1.135	1.00
25	8:53	1.00	1.051	1.00	40.00	40.00	0.955	0.955	1.00
26	8:54	1.00	1.053	1.00	40.00	40.00	1.270	1.270	1.00
27	9:06	1.00	1.077	1.00	40.00	40.00	1.026	1.026	1.00
28	9:07	1.00	1.079	1.00	40.00	40.00	0.600	0.600	1.00
29	9:13	1.00	1.091	1.00	40.00	40.00	0.451	0.451	1.00
30	9:22	1.00	0.904	1.00	40.00	40.00	0.297	0.297	1.00
31	9:41	1.00	0.934	1.00	40.00	40.00	0.566	0.566	1.00
32	9:50	1.00	0.949	1.00	40.00	40.00	0.174	0.174	1.00
33	9:52	1.00	0.952	1.00	40.00	40.00	0.224	0.224	1.00
34	10:05	1.00	0.973	1.00	40.00	40.00	0.140	0.140	1.00
35	10:00	1.00	0.965	1.00	40.00	40.00	0.390	0.390	1.00
36	10:11	1.00	0.982	1.00	40.00	40.00	0.250	0.250	1.00
37	10:18	1.00	0.994	1.00	40.00	40.00	0.276	0.276	1.00
38	10:24	1.00	1.003	1.00	40.00	40.00	0.875	0.875	1.00
39	10:30	1.00	1.013	1.00	40.00	40.00	0.326	0.326	1.00
40	10:37	1.00	1.024	1.00	40.00	40.00	0.127	0.127	1.00
41	11:12	1.00	1.080	1.00	40.00	40.00	0.230	0.230	1.00
42	11:25	1.00	1.101	1.00	40.00	40.00	0.587	0.587	1.00
43	11:43	1.00	0.901	1.00	40.00	40.00	0.272	0.272	1.00
44	11:52	1.00	0.913	1.00	40.00	40.00	0.324	0.324	1.00
45	11:56	1.00	0.918	1.00	40.00	40.00	0.343	0.343	1.00
46	12:09	1.00	0.935	1.00	40.00	40.00	1.030	1.030	1.00
47	12:21	1.00	0.950	1.00	40.00	40.00	0.258	0.258	1.00
48	12:36	1.00	0.969	1.00	40.00	40.00	1.058	1.058	1.00
49	12:47	1.00	0.983	1.00	40.00	40.00	1.542	1.542	1.00
50	12:59	1.00	0.999	1.00	40.00	40.00	0.127	0.127	1.00

STOP
85110994E

300301

Data Subject To Validation

Quantitation Report File: BS110994E

Data: BS110994E.TI

11/09/94 12:29:00

Sample: SSTD080 290-02-SV40

Conds.: RTX-5 0.25MM X 30M 1.0UM 45/4-325@20

INST B

Formula: X X X

Instrument: B

Weight: 1.001

Submitted by:

Analyst: JAM

Acct. No.:

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

Resp. fac. from Library Entry

No	Name	
51	C550 *ACENAPHTHENE	0.8
52	C321 2,3,4,6-TETRACHLOROPHENOL	
53	C555 &2,4DINITROPHENOL	
54	C560 &4NITROPHENOL	
55	C565 DIBENZOFURAN	0.8
56	C570 2,4DINITROTOLUENE	0.2 T
57	C543 2,6DINITROTOLUENE	0.2
58	C580 DIETHYL PHTHALATE	
59	C585 4CHLOROPHENYL PHEN	0.4
60	C590 FLUORENE	0.9
61	C595 4-NITROANILINE	
62	C610 4,6DINITRO2METHYLPH	
63	C615 *DIPHENYLAMINE	
64	C625 4BROMOPHENYL PHENY	0.1
65	C630 CL6BENZENE	0.1 T
66	C635 *PENTACHLOROPHENOL	0.05 T
67	C640 PHENANTHRENE	0.7
68	C645 ANTHRACENE	0.7
69	C650 DI-NBUTYLPHTHALATE	
70	C655 *FLUORANTHENE	0.6
71	D200 1,2-DIPHENYLHYDRAZINE	
72	C647 CARBAZOLE	
73	C715 PYRENE	0.6
74	C720 BUTYLBENZYLPHTHALATE	
75	C725 3,3'CL2BENZIDINE	
76	C730 BENZO(A)ANTHRACENE	0.8
77	C740 BIS(2ETHYLHEXYL)PHTH	
78	C735 CHRYSENE	0.7
79	C760 *DI-N-OCTYLPHTHALATE	
80	C765 BENZO(B)FLUORANTHE	0.7
81	C770 BENZO(K)FLUORANTHE	0.7
82	C775 *BENZO(A)PYRENE	0.7
83	C780 INDENO(1,2,3CD)PYR	0.5
84	C785 DIBENZO(A,H)ANTHRA	0.4
85	C790 BENZO(G,H,I)PERYLE	0.5

300302

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
51	153	783	13:03	3	1.004	A BB	35503.	40.000 PPB	1.22
52	232	812	13:32	3	1.041	A BB	11928.	40.000 PPB	1.22
53	184	787	13:07	3	1.009	A BB	6113.	40.000 PPB	1.22
54	109	792	13:12	3	1.015	A BB	3253.	40.000 PPB	1.22
55	168	797	13:17	3	1.022	A BB	49328.	40.000 PPB	1.22
56	165	800	13:20	3	1.026	A BB	14478.	40.000 PPB	1.22
57	165	764	12:44	3	0.979	A BB	10781.	40.000 PPB	1.22
58	149	818	13:38	3	1.049	A BB	41159.	40.000 PPB	1.22

Data Subject To Validation

300302

No	m/z	Scan	Time	Ref	RRT-	Meth	Area(Hght)	Amount	%Tot
59	204	826	13:46	3	1.059	A BB	20187.	40.000 PPB	1.22
60	166	828	13:48	3	1.062	A BB	40962.	40.000 PPB	1.22
61	138	836	13:56	3	1.072	A VB	5296.	40.000 PPB	1.22
62	198	836	13:56	4	0.916	A BB	7939.	40.000 PPB	1.22
63	169	837	13:57	4	0.917	A BB	21070.	40.000 PPB	1.22
64	248	869	14:29	4	0.952	A BB	10229.	40.000 PPB	1.22
65	284	885	14:45	4	0.969	A BB	10934.	40.000 PPB	1.22
66	266	901	15:01	4	0.987	A BB	7670.	40.000 PPB	1.22
67	178	915	15:15	4	1.002	A BV	57218.	40.000 PPB	1.22
68	178	920	15:20	4	1.008	A VB	60407.	40.000 PPB	1.22
69	149	961	16:01	4	1.053	A BB	75335.	40.000 PPB	1.22
70	202	1023	17:03	4	1.120	A BB	59498.	40.000 PPB	1.22
71	77	840	14:00	4	0.920	A BB	45689.	40.000 PPB	1.22
72	167	935	15:35	4	1.024	A BB	29852.	40.000 PPB	1.22
73	202	1045	17:25	5	0.888	A BB	57772.	40.000 PPB	1.22
74	149	1099	18:19	5	0.934	A BB	29411.	40.000 PPB	1.22
75	252	1169	19:29	5	0.993	A BB	4134.	40.000 PPB	1.22
76	228	1174	19:34	5	0.997	A BV	43367.	40.000 PPB	1.22
77	149	1165	19:25	5	0.990	A BB	39027.	40.000 PPB	1.22
78	228	1181	19:41	5	1.003	A VB	39284.	40.000 PPB	1.22
79	149	1264	21:04	6	0.859	A BB	58391.	40.000 PPB	1.22
80	252	1374	22:54	6	0.934	A BV	37710.	40.000 PPB	1.22
81	252	1380	23:00	6	0.938	A VB	33547.	40.000 PPB	1.22
82	252	1457	24:17	6	0.990	A BB	33859.	40.000 PPB	1.22
83	276	1842	30:42	6	1.252	A BB	34289.	40.000 PPB	1.22
84	278	1851	30:51	6	1.258	A BB	26078.	40.000 PPB	1.22
85	276	1959	32:39	6	1.332	A BB	28595.	40.000 PPB	1.22

No	Ret(L)	Ratio	RRT(L)	Ratio	Amnt	Amnt(L)	R. Fac	R. Fac(L)	Ratio
51	13:03	1.00	1.004	1.00	40.00	40.00	0.902	0.902	1.00
52	13:32	1.00	1.041	1.00	40.00	40.00	0.303	0.303	1.00
53	13:07	1.00	1.009	1.00	40.00	40.00	0.155	0.155	1.00
54	13:12	1.00	1.015	1.00	40.00	40.00	0.083	0.083	1.00
55	13:17	1.00	1.022	1.00	40.00	40.00	1.253	1.253	1.00
56	13:20	1.00	1.026	1.00	40.00	40.00	0.368	0.368	1.00
57	12:44	1.00	0.979	1.00	40.00	40.00	0.274	0.274	1.00
58	13:38	1.00	1.049	1.00	40.00	40.00	1.046	1.046	1.00
59	13:46	1.00	1.059	1.00	40.00	40.00	0.513	0.513	1.00
60	13:48	1.00	1.062	1.00	40.00	40.00	1.041	1.041	1.00
61	13:56	1.00	1.072	1.00	40.00	40.00	0.135	0.135	1.00
62	13:56	1.00	0.916	1.00	40.00	40.00	0.136	0.136	1.00
63	13:57	1.00	0.917	1.00	40.00	40.00	0.360	0.360	1.00
64	14:29	1.00	0.952	1.00	40.00	40.00	0.175	0.175	1.00
65	14:45	1.00	0.969	1.00	40.00	40.00	0.187	0.187	1.00
66	15:01	1.00	0.987	1.00	40.00	40.00	0.131	0.131	1.00
67	15:15	1.00	1.002	1.00	40.00	40.00	0.978	0.978	1.00
68	15:20	1.00	1.008	1.00	40.00	40.00	1.033	1.033	1.00
69	16:01	1.00	1.053	1.00	40.00	40.00	1.288	1.288	1.00
70	17:03	1.00	1.120	1.00	40.00	40.00	1.017	1.017	1.00
71	14:00	1.00	0.920	1.00	40.00	40.00	0.781	0.781	1.00
72	15:35	1.00	1.024	1.00	40.00	40.00	0.510	0.510	1.00
73	17:25	1.00	0.888	1.00	40.00	40.00	1.448	1.448	1.00
74	18:19	1.00	0.934	1.00	40.00	40.00	0.737	0.737	1.00
75	19:29	1.00	0.993	1.00	40.00	40.00	0.104	0.104	1.00
76	19:34	1.00	0.997	1.00	40.00	40.00	1.087	1.087	1.00
77	19:25	1.00	0.990	1.00	40.00	40.00	0.978	0.978	1.00

550084
BS110554E

300303

Data Subject To Validation

No	Ret(L)	Ratio	RRT(L)	Ratio	- Amnt	Amnt(L)	R. Fac	R. Fac(L)	Ratio
78	19:41	1.00	1.003	1.00	40.00	40.00	0.985	0.985	1.00
79	21:04	1.00	0.859	1.00	40.00	40.00	1.561	1.561	1.00
80	22:54	1.00	0.934	1.00	40.00	40.00	1.008	1.008	1.00
81	23:00	1.00	0.938	1.00	40.00	40.00	0.897	0.897	1.00
82	24:17	1.00	0.990	1.00	40.00	40.00	0.905	0.905	1.00
83	30:42	1.00	1.252	1.00	40.00	40.00	0.916	0.916	1.00
84	30:51	1.00	1.258	1.00	40.00	40.00	0.697	0.697	1.00
85	32:39	1.00	1.332	1.00	40.00	40.00	0.764	0.764	1.00

STOQ8Q

85119554E

300304

Data Subject To Validation

Initial Calibration Data

Instrument Identifier: B

Calibration Date: 11/09/94

MIN RF: SW(&) = .05 CLP = .01 OR BELOW

MAX %RSD: SW(*) = 30%✓ CLP = 20.5%

Compound		RF 10	RF 25	RF 40	RF 60	RF 80	Mean RF	%RSD
CS50	2-FLUOROPHENOL	0.6	0.932	1.029	0.997	1.030	0.992	3.995
CS45	D5-PHENOL	0.8	1.193	1.330	1.368	1.359	1.293	5.431
CS20	D5-NITROBENZENE	0.2	0.292	0.279	0.294	0.298	0.306	3.356
CS25	2-FLUOROBIPHENYL	0.7	1.100	1.063	1.135	1.032	1.110	3.738
CS55	2,4,6-TRIBROMOPHENOL	0.111	0.115	0.120	0.122	0.117	0.117	3.682
CS30	D14-P-TERPHENYL	0.5	0.816	0.760	0.887	0.873	0.869	6.244
CS70	2-CHLOROPHENOL-D4	0.8	1.015	1.086	1.131	1.131	1.108	4.378
CS75	1,2-CL2BENZENE-D4	0.4	0.731	0.714	0.739	0.717	0.719	1.442
C315	*PHENOL	0.8	1.535	1.584	1.622	1.637	1.583	2.483✓
C325	BIS(2CHLOROETHYL)E	0.7	1.354	1.388	1.386	1.453	1.337	3.217
C330	2CHLOROPHENOL	0.8	1.115	1.092	1.103	1.153	1.124	2.070
C335	1,3DICHLORO BENZENE	0.6	1.197	1.213	1.256	1.292	1.210	3.203
C340	*1,4DICHLORO BENZENE	0.5	1.217	1.249	1.255	1.304	1.224	2.729✓
C320	ANILINE	1.211	1.403	1.458	1.450	1.438	1.393	7.431
C310	N-NITROSODIMETHYLAMINE	0.547	0.626	0.645	0.655	0.629	0.621	6.844
C319	PYRIDINE	0.872	0.987	0.920	0.931	0.876	0.918	5.114
C345	BENZYL ALCOHOL	0.518	0.568	0.569	0.618	0.629	0.581	7.700
C350	1,2DICHLORO BENZENE	0.4	1.100	1.136	1.135	1.220	1.119	4.025
C355	2METHYLPHENOL	0.7	1.131	1.034	0.955	1.044	1.006	6.216
C357	2,2'OXYBIS(1CHLOROPR	1.305	1.242	1.270	1.351	1.334	1.301	3.454
C365	4METHYLPHENOL	0.6	1.094	1.034	1.026	1.028	1.093	3.334
C370	&NITROSOPROPYLAMINE	0.5	0.588	0.605	0.600	0.656	0.620	4.267✓
C375	HEXACHLOROETHANE	0.3	0.440	0.457	0.451	0.469	0.449	2.405
C410	NITROBENZENE	0.2	0.281	0.279	0.297	0.322	0.291	5.843
C415	ISOPHORONE	0.4	0.545	0.557	0.566	0.608	0.596	4.624
C420	*2-NITROPHENOL	0.1	0.170	0.157	0.174	0.185	0.190	7.408✓
C425	2,4-DIMETHYLPHENOL	0.2	0.220	0.214	0.224	0.223	0.240	4.263
C430	BENZOIC ACID	0.127	0.121	0.140	0.163	0.146	0.140	11.892
C435	BIS(2CHLOROETHOXY)	0.3	0.375	0.360	0.390	0.412	0.400	5.192
C440	*2,4DICHLOROPHENOL	0.2	0.259	0.243	0.250	0.264	0.263	3.599✓
C445	1,2,4TRICHLOROBENZ	0.2	0.269	0.264	0.276	0.278	0.275	2.181
C450	NAPHTHALENE	0.7	0.885	0.847	0.875	0.833	0.841	2.632
C455	4-CHLOROANILINE	0.274	0.280	0.326	0.363	0.370	0.323	13.890
C460	*CL6BUTADIENE	0.129	0.120	0.127	0.129	0.128	0.127	2.817✓
C465	*4CHLORO3METHYLPHEN	0.2	0.227	0.223	0.230	0.256	0.246	5.883✓
C470	2METHYLNAPHTHALENE	0.4	0.561	0.570	0.587	0.619	0.576	3.826
C510	&CL6CYCLOPENTADIENE	0.253	0.286	0.272	0.298	0.317	0.286✓	8.481
C515	*246TRICHLOROPHNEOL	0.2	0.337	0.317	0.324	0.333	0.332	2.390✓
C520	2,4,5TRICHLOROPHEN	0.2	0.344	0.342	0.343	0.380	0.369	4.938
C525	2CHLORONAPHTHALENE	0.8	0.999	0.995	1.030	1.017	1.064	2.705
C530	2-NITROANILINE	0.270	0.255	0.258	0.293	0.277	0.271	5.698
C535	DIMETHYL PHTHALATE	1.105	1.144	1.058	1.112	1.134	1.111	3.013
C540	ACENAPHTHYLENE	1.3	1.660	1.608	1.542	1.563	1.413	5.944
C545	3-NITROANILINE	0.087	0.134	0.127	0.159	0.231	0.148	36.016
C550	*ACENAPHTHENE	0.8	0.913	0.916	0.902	0.898	0.950	2.235✓
C321	2,3,4,6-TETRACHLOROPHE	0.298	0.292	0.303	0.317	0.297	0.302	3.154
555	&2,4DINITROPHENOL	0.105	0.128	0.155	0.177	0.170	0.148	20.351✓

300305

Data Subject To Validation

C560	2,4-NITROPHENOL		0.066	0.086	0.083	0.092	0.091	0.084 ✓	12.610
C565	DIBENZOFURAN	0.8	1.351	1.418	1.253	1.289	1.294	1.322	4.880
C570	2,4-DINITROTOLUENE	0.2	0.338	0.346	0.368	0.378	0.366	0.360	4.612
C543	2,6-DINITROTOLUENE	0.2	0.280	0.298	0.274	0.294	0.334	0.296	7.923
C580	DIETHYL PHTHALATE		1.030	1.064	1.046	1.055	1.111	1.062	2.859
C585	4-CHLOROPHENYL PHEN	0.4	0.511	0.493	0.513	0.548	0.532	0.520	4.050
C590	FLUORENE	0.9	1.100	1.075	1.041	1.169	1.098	1.097	4.296
C595	4-NITROANILINE		0.147	0.142	0.135	0.113	0.080	0.124	22.337
C610	4,6-DINITRO2METHYLPH		0.121	0.128	0.136	0.145	0.147	0.136	8.074
C615	*DIPHENYLAMINE		0.424	0.386	0.360	0.408	0.382	0.393	6.271 ✓
C625	4-BROMOPHENYL PHENY	0.1	0.190	0.186	0.175	0.179	0.181	0.183	3.199
C630	CL6BENZENE	0.1	0.185	0.188	0.187	0.184	0.178	0.185	2.014
C635	*PENTACHLOROPHENOL	0.05	0.108	0.135	0.131	0.143	0.146	0.133	11.206 ✓
C640	PHENANTHRENE	0.7	1.003	1.013	0.978	1.051	1.010	1.012	2.596
C645	ANTHRACENE	0.7	1.039	1.037	1.033	1.065	0.931	1.021	5.074
C650	DI-NBUTYLPHTHALATE		1.218	1.261	1.288	1.266	1.191	1.245	3.147
C655	*FLUORANTHENE	0.6	1.037	1.014	1.017	0.940	0.925	0.987	5.122 ✓
D200	1,2-DIPHENYLHYDRAZINE		0.741	0.830	0.781	0.839	0.869	0.813	6.225
C647	CARBAZOLE		0.844	0.646	0.510	0.472	0.482	0.591	26.643
C715	PYRENE	0.6	1.362	1.302	1.448	1.456	1.627	1.440	8.529
C720	BUTYLBENZYLPHTHALATE		0.680	0.657	0.737	0.750	0.746	0.714	5.953
C725	3,3'-CL2BENZIDINE		0.279	0.144	0.104	0.084	0.061	0.135	64.177
C730	BENZO(A)ANTHRACENE	0.8	1.154	1.056	1.087	1.101	1.133	1.107	3.472
C740	BIS(2ETHYLHEXYL)PHTH		0.933	0.933	0.978	1.019	1.026	0.978	4.597
C735	CHRYSENE	0.7	1.047	0.972	0.985	1.017	1.014	1.007	2.924
C760	*DI-N-OCTYLPHTHALATE		1.441	1.369	1.561	1.672	1.732	1.555	9.788 ✓
C765	BENZO(B)FLUORANTHE	0.7	1.044	1.016	1.008	1.147	1.177	1.079	7.264
C770	BENZO(K)FLUORANTHE	0.7	0.931	0.777	0.897	0.965	0.974	0.909	8.767
C775	*BENZO(A)PYRENE	0.7	0.948	0.870	0.905	0.927	0.935	0.917	3.334 ✓
C780	INDENO(1,2,3CD)PYR	0.5	0.994	0.947	0.916	0.894	0.845	0.920	6.077
C785	DIBENZO(A,H)ANTHRA	0.4	0.770	0.710	0.697	0.693	0.695	0.713	4.571
C790	BENZO(G,H,I)PERYLE	0.5	0.834	0.776	0.764	0.724	0.723	0.765	5.964

Initial
BS110994A-E

300306

Data Subject To Validation

MASS SPECTRUM

01/27/95 10:25:00 + 8:55

SAMPLE: DFTPP 290-04-PERF

CONDS.: RTX-5 0.25MM X 30M 1.0UM 45/4-325020 INST B

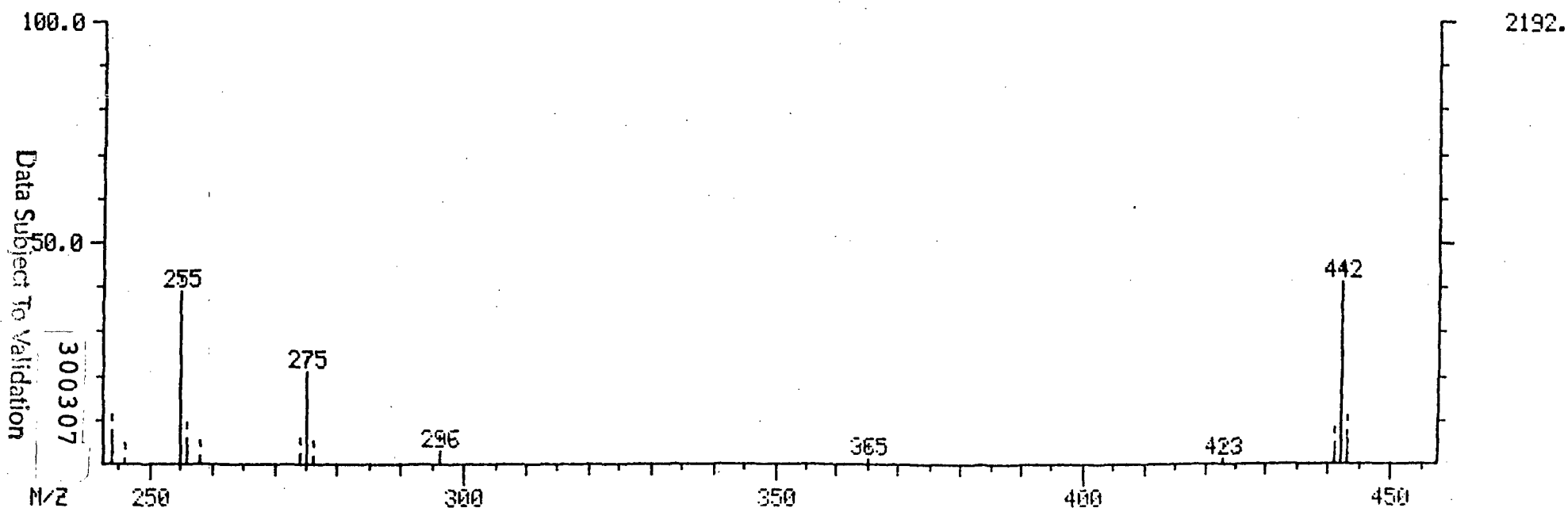
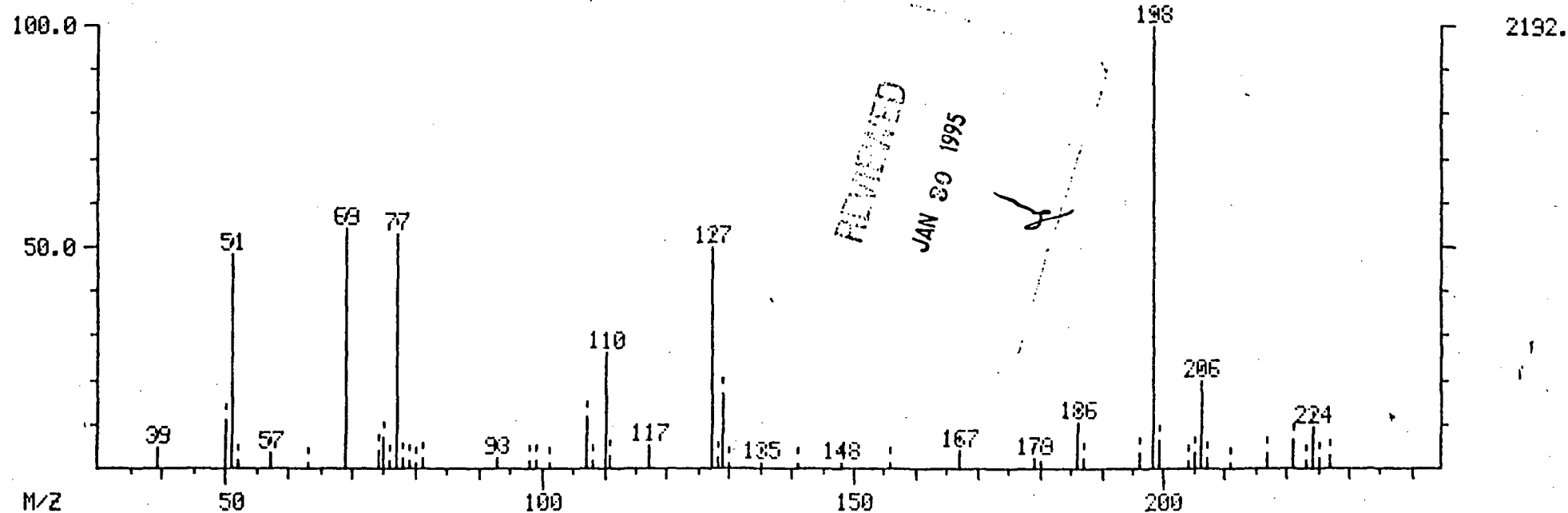
#534 TO #536 AVERAGED - #530 X1.00

DATA: BP012795C #535

CALI: BP012795C #1

BASE M/Z: 198

RIC: 14352.

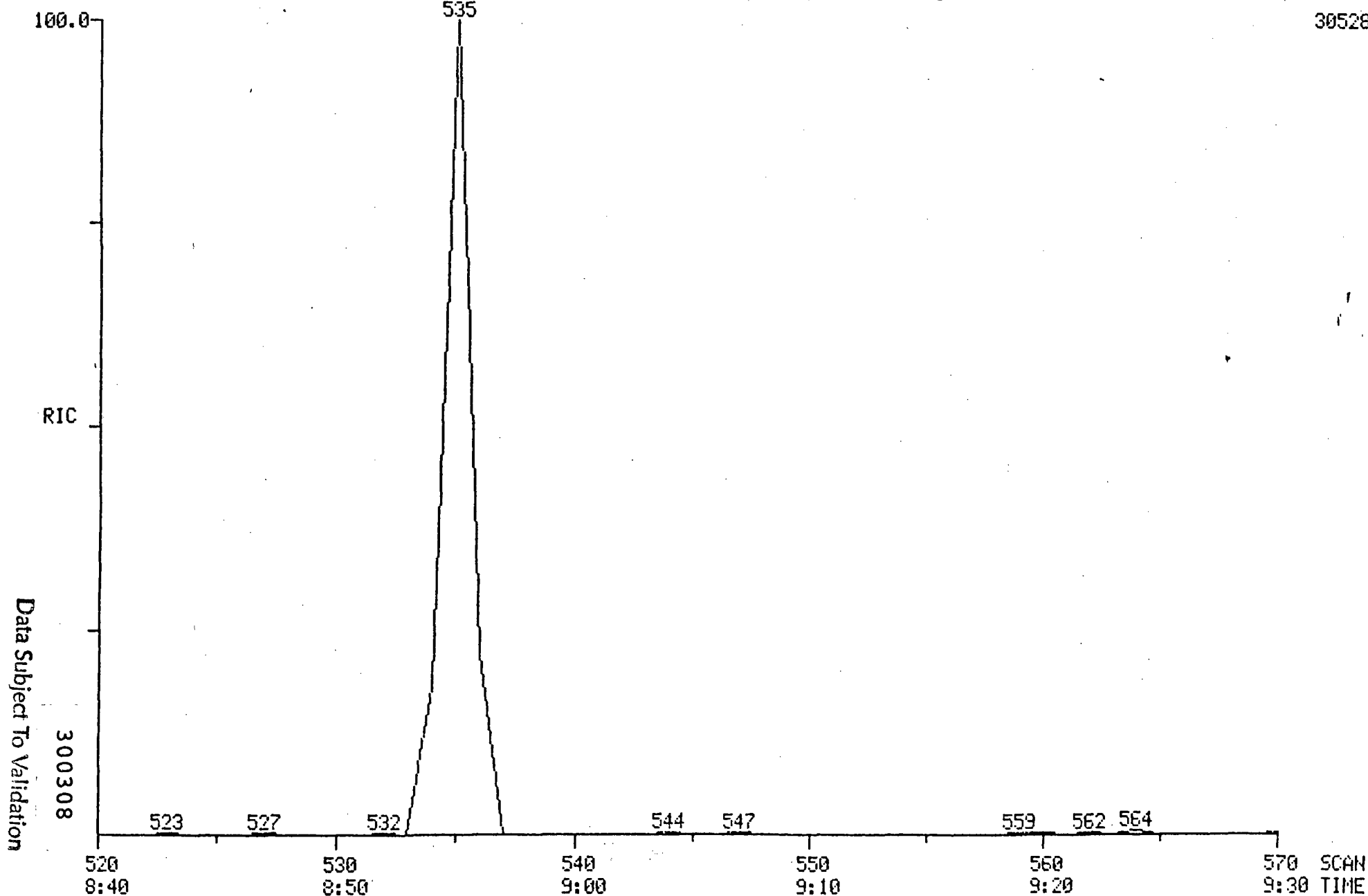


RIC
01/27/95 10:25:00
SAMPLE: DFTPP 290-04-PERF
CONDS.: RTX-5 0.25MM X 30M
RANGE: G 1, 700 LABEL: N

DATA: BP012795C #534 SCANS 520 TO 570
CALI: BP012795C #1

1.0UM 45/4-325020 INST B
0.4.0 .QUAN: A 0, 1.0 J 0 BASE: U 20, 3

30528.



RIC+MASS CHROMATOGRAM

01/27/95 10:25:00

SAMPLE: DFTPP 290-04-PERF

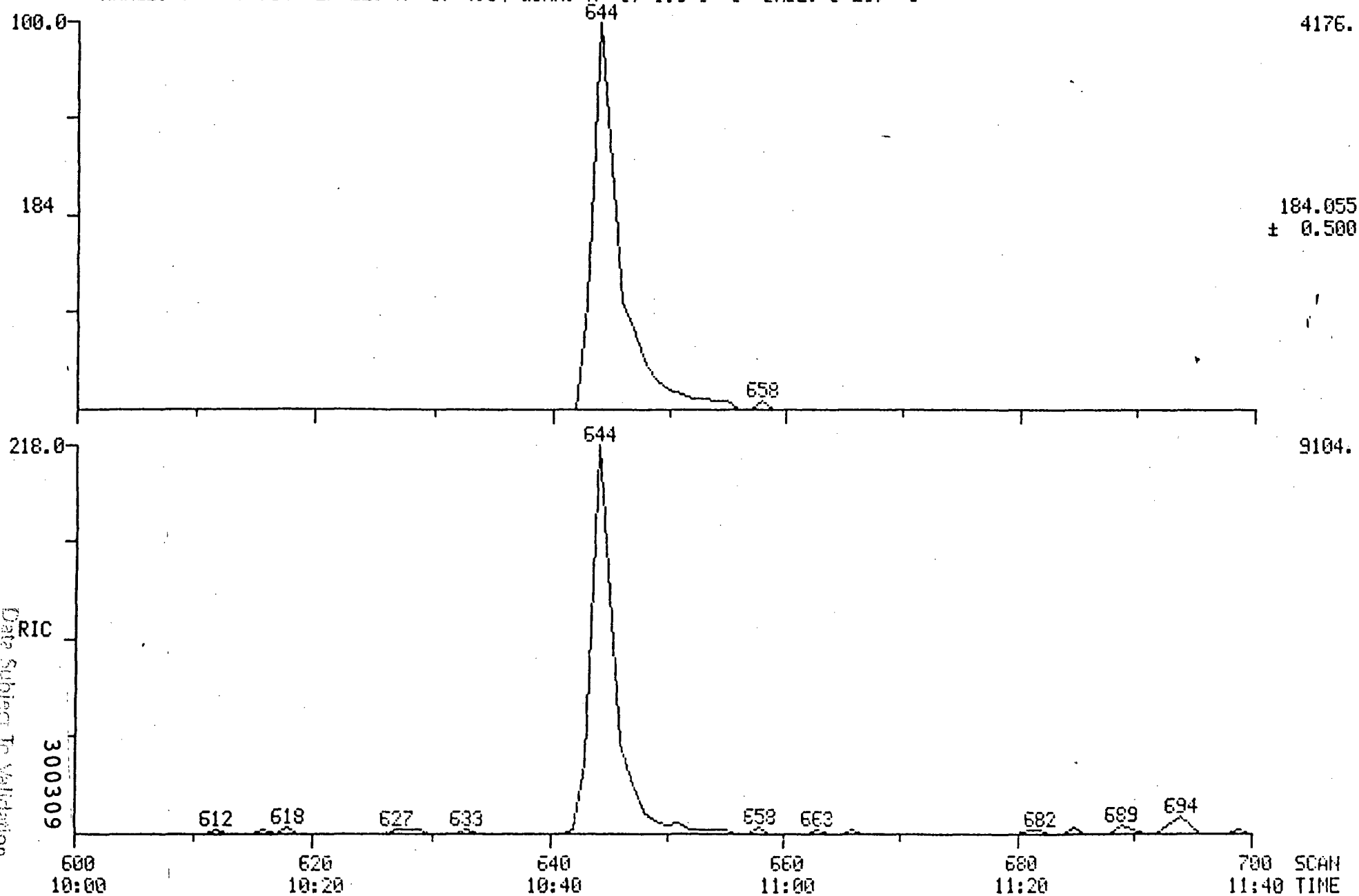
CONDS.: RTX-5 0.25MM X 30M 1.0UM 45/4-325020 INST B

RANGE: G 1, 700 LABEL: N 0, 4.0, QUAN: A 0, 1.0 J 0 BASE: U 20, 3

DATA: BP012795C #534

SCANS 600 TO 700

CALI: BP012795C #1



Mass List

01/27/95 10:25:00 + 8:55

Data: BP012795C # 535

Base m/z: 198

Cali: BP012795C # 1

RIC: 14352.

Sample: DFTPP 290-04-PERF

Conds.: RTX-5 0.25MM X 30M 1.0UM 45/4-325e20 INST B

#534 to #536 averaged - #530 X1.00

39 443 Mass	0.00 % RA	0. Inten.	Minima Maxima Mass	Min Inten: # 0 % RA	0. Inten.
397 S	4.52	99.	227 S	2.87	63.
507 S	11.27	247.	244 S	7.48	164.
517 S	47.99	1052.	246 S	1.19	26.
527 S	1.55	34.	255 S	39.23	860.
577 S	3.70	81.	256 S	5.75	126.
637 S	1.19	26.	258 S	1.46	32.
69 S	53.92	1182.	274 S	2.55	56.
74 S	3.79	83.	275 S	21.03	461.
75 S	6.80	149.	276 S	1.96	43.
76 S	1.73	38.	296 S	2.97	65.
77 S	53.01	1162.	365 S	1.41	31.
78 S	2.33	51.	423 S	1.32	29.
79 S	1.51	33.	441 S	4.70	103.
80 S	1.37	30.	442 S	41.01	899.
81 S	2.05	45.	443 S	7.66	168.
93 S	2.60	57.			
98 S	1.87	41.			
99 S	1.64	36.			
101 S	1.32	29.			
107 S	11.63	255.			
108 S	1.55	34.			
110 S	26.32	577.			
111 S	2.74	60.			
117 S	5.52	121.			
127 S	49.82	1092.			
128 S	2.60	57.			
129 S	16.65	365.			
130 S	1.14	25.			
135 S	1.19	26.			
141 S	1.32	29.			
148 S	1.28	28.			
156 S	1.28	28.			
167 S	4.15	91.			
179 S	2.05	45.			
180 S	1.51	33.			
186 S	10.45	229.			
187 S	2.42	53.			
196 S	3.24	71.			
198 S	100.00	2192.			
199 S	6.11	134.			
204 S	1.82	40.			
205 S	3.28	72.			
206 S	19.98	438.			
207 S	2.24	49.			
211 S	1.14	25.			
217 S	3.70	81.			
221 S	6.48	142.			
223 S	1.55	34.			
224 S	9.12	200.			
225 S	2.05	45.			

300310

Data Subject To Validation

GC/MS Tuning and Mass Calibration

DECAFLUOROTRIPHENYLPHOSPHINE

Case Number: Laboratory: GULF Contract:
Inst ID: B Sens Date: 01/27/95 Sens Time: 10:25:00
Lab ID: BP012795C Cali Date: 10/02/91 Analyst: JAM

Data release authorized by: _____

M/E ===	Ion Abundance Criteria =====	Spec # 534 =====
51	30 to 60% of mass 198	47.99
68	less than 2% of mass 69	0.00 (0.00) 1
69	mass 69 relative abundance	53.92
70	less than 2% of mass 69	0.00 (0.00) 1
127	40 TO 60% of mass 198	49.82
197	less than 1% of mass 198	0.00
198	base peak, 100% relative abundance	100.00
199	5 TO 9% of mass 198	6.11
275	10 TO 30% of mass 198	21.03
365	greater than 1% of mass 198	1.41
441	less than mass 443	4.70
442	greater than 40% of mass 198	41.01
443	17 TO 23% of mass 442	7.66 (18.69) 2

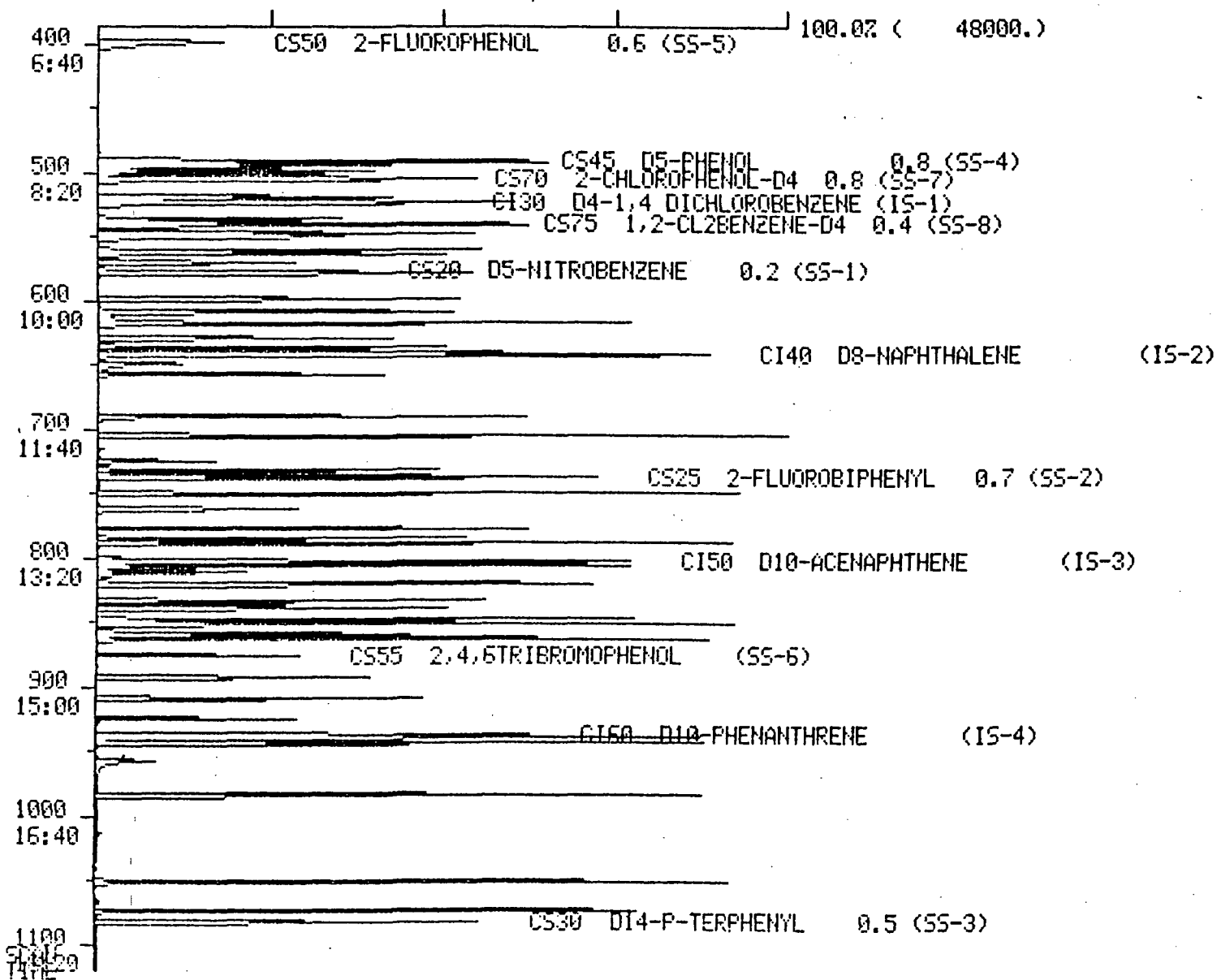
1 - value in parenthesis is % of mass 69

2 - value in parenthesis is % of mass 442

300311

Data Subject To Validation

DATA FROM FILE: B5012795A SCANS 386 TO 1121 ACQUIRED: 01/27/95 11:35:00
 CALI: B5012795A #1
 SAMPLE: SSTD050 290-04-PERF
 CONDS.: RTX-5 0.25MM X 30M 1.0UM 45/4-325020 INST B



Data Subject To Validation

300312

1100
 16:40
 18:00

JAN 28 1995
 RECEIVED

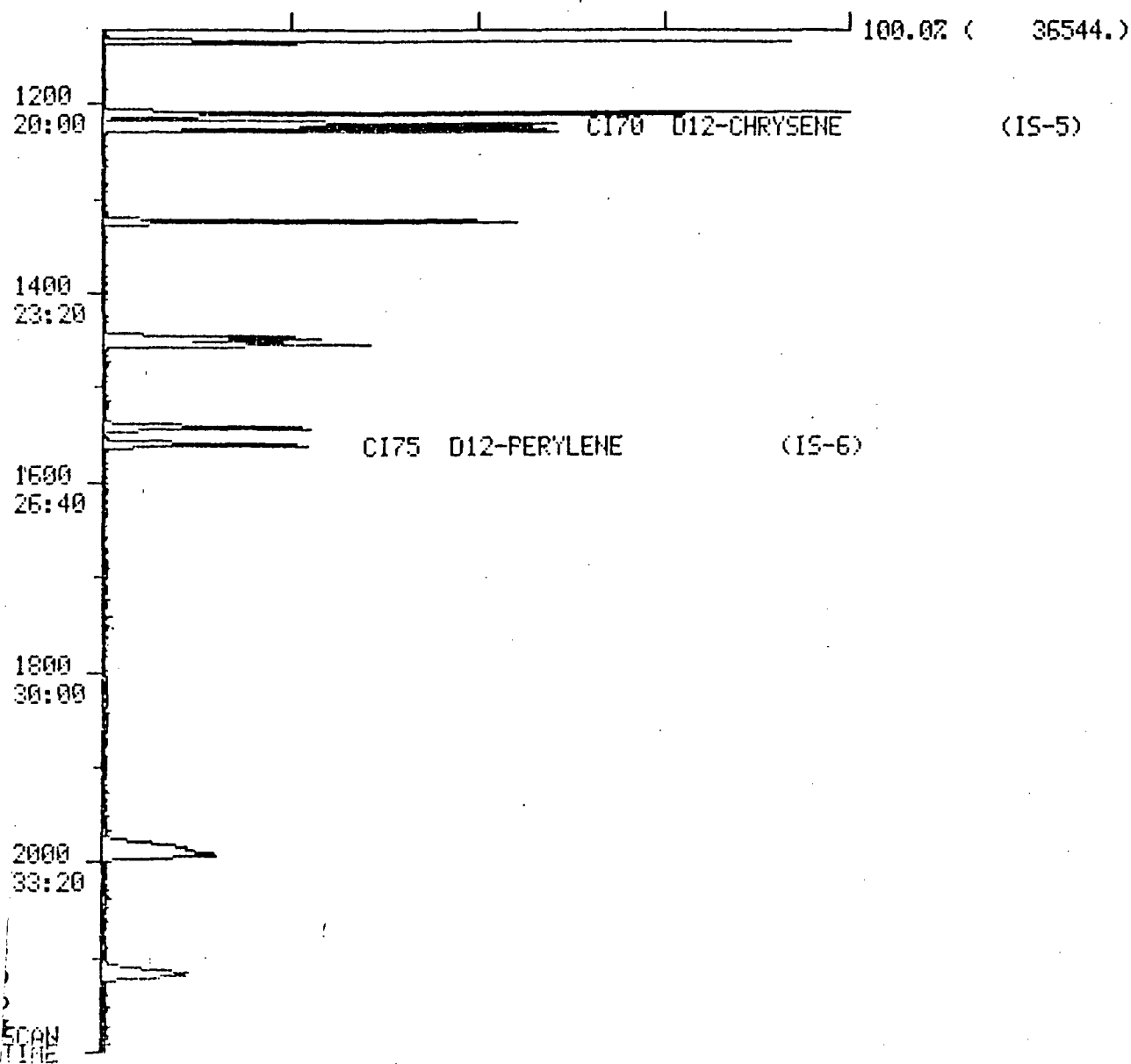
DATA FROM FILE: B5012795A

SCANS 1121 TO 2200 ACQUIRED: 01/27/95 11:35:00

CALI: B5012795A #1

SAMPLE: SST0050 290-04-PERF

CONDS.: RTX-5 0.25MM X 30M 1.0UM 45/4-325020 INST B



Data: BS012795A.TI

01/27/95 11:35:00

Sample: SST050 290-Q4-PERF

Conds.: RTX-5 0.25MM X 30M 1.0UM 45/4-325e20

INST B

Formula: X X X

Instrument: B

Weight: 1.001

Submitted by:

Analyst: JAM

Acct. No.:

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

Resp. fac. from Library Entry

No	Name	
1	CI30	D4-1,4 DICHLOROBENZENE (IS-1)
2	CI40	D8-NAPHTHALENE (IS-2)
3	CI50	D10-ACENAPHTHENE (IS-3)
4	CI60	D10-PHENANTHRENE (IS-4)
5	CI70	D12-CHRYSENE (IS-5)
6	CI75	D12-PERYLENE (IS-6)
7	CS50	2-FLUOROPHENOL 0.6 (SS-5)
8	CS45	D5-PHENOL 0.8 (SS-4)
9	CS20	D5-NITROBENZENE 0.2 (SS-1)
10	CS25	2-FLUOROBIPHENYL 0.7 (SS-2)
11	CS55	2,4,6TRIBROMOPHENOL (SS-6)
12	CS30	D14-P-TERPHENYL 0.5 (SS-3)
13	CS70	2-CHLOROPHENOL-D4 0.8 (SS-7)
14	CS75	1,2-CL2BENZENE-D4 0.4 (SS-8)
15	C315	*PHENOL 0.8
16	C325	BIS(2CHLOROETHYL)E 0.7
17	C330	2CHLOROPHENOL 0.8
18	C335	1,3DICHLOROBENZENE 0.6
19	C340	*1,4DICHLOROBENZENE 0.5 T
20	C320	ANILINE
21	C310	N-NITROSODIMETHYLAMINE
22	C319	PYRIDINE T
23	C345	BENZYL ALCOHOL
24	C350	1,2DICHLOROBENZENE 0.4
25	C355	2METHYLPHENOL 0.7 T
26	C357	2,2'OXYBIS(1CHLOROPR
27	C365	4METHYLPHENOL 0.6 T
28	C370	&NITROSOPROPYLAMINE 0.5
29	C375	HEXACHLOROETHANE 0.3 T
30	C410	NITROBENZENE 0.2 T
31	C415	ISOPHORONE 0.4
32	C420	*2-NITROPHENOL 0.1
33	C425	2,4-DIMETHYLPHENOL 0.2
34	C430	BENZOIC ACID
35	C435	BIS(2CHLOROETHOXY) 0.3
36	C440	*2,4DICHLOROPHENOL 0.2
37	C445	1,2,4TRICHLOROBENZ 0.2
38	C450	NAPHTHALENE 0.7
39	C455	4-CHLOROANILINE
40	C460	*CL6BUTADIENE T
41	C465	*4CHLORO3METHYLPHEN 0.2
42	C470	2METHYLNAPHTHALENE 0.4
43	C510	&CL6CYCLOPENTADIENE
44	C515	*246TRICHLOROPHNEOL 0.2 T
45	C520	2,4,5TRICHLOROPHEN 0.2 T
46	C525	2CHLORONAPHTHALENE 0.8
47	C530	2-NITROANILINE

300314

Data Subject

No Name
 48 C535 DIMETHYL PHTHALATE
 49 C540 ACENAPHTHYLENE 1.3
 50 C545 3-NITROANILINE

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
1	152	521	8:41	1	1.000	A BB	7195.	20.000 PPB	0.95
2	136	640	10:40	2	1.000	A BB	27590.	20.000 PPB	0.95
3	164	802	13:22	3	1.000	A BB	14911.	20.000 PPB	0.95
4	188	936	15:36	4	1.000	A BB	20564.	20.000 PPB	0.95
5	240	1221	20:21	5	1.000	A BB	16127.	20.000 PPB	0.95
6	264	1559	25:59	6	1.000	A BB	15005.	20.000 PPB	0.95
7	112	397	6:37	1	0.762	A BB	11302.	25.000 PPB	1.19
8	99	490	8:10	1	0.940	A BB	15661.	25.000 PPB	1.19
9	82	575	9:35	2	0.898	A BB	11265.	25.000 PPB	1.19
10	172	737	12:17	3	0.919	A BB	18265.	25.000 PPB	1.19
11	330	874	14:34	3	1.090	A BB	1864.	25.000 PPB	1.19
12	244	1081	18:01	5	0.885	A BB	15609.	25.000 PPB	1.19
13	132	503	8:23	1	0.965	A BB	12238.	25.000 PPB	1.19
14	152	539	8:59	1	1.035	A BB	6348.	25.000 PPB	1.19
15	94	491	8:11	1	0.942	A BV	16736.	25.000 PPB	1.19
16	93	498	8:18	1	0.956	A VB	14990.	25.000 PPB	1.19
17	128	504	8:24	1	0.967	A BB	10612.	25.000 PPB	1.19
18	146	517	8:37	1	0.992	A BV	11540.	25.000 PPB	1.19
19	146	522	8:42	1	1.002	A VB	11782.	25.000 PPB	1.19
20	93	494	8:14	1	0.948	A BV	13890.	25.000 PPB	1.19
21	74	225	3:45	1	0.432	A BB	7003.	25.000 PPB	1.19
22	79	224	3:44	1	0.430	A BB	12239.	25.000 PPB	1.19
23	108	535	8:55	1	1.027	A BV	6730.	25.000 PPB	1.19
24	146	540	9:00	1	1.036	A BB	10685.	25.000 PPB	1.19
25	108	546	9:06	1	1.048	A VB	10372.	25.000 PPB	1.19
26	45	549	9:09	1	1.054	A BB	19391.	25.000 PPB	1.19
27	108	559	9:19	1	1.073	A BB	10527.	25.000 PPB	1.19
28	70	562	9:22	1	1.079	A BB	7327.	25.000 PPB	1.19
29	117	569	9:29	1	1.092	A BB	4645.	25.000 PPB	1.19
30	77	577	9:37	2	0.902	A BB	11691.	25.000 PPB	1.19
31	82	597	9:57	2	0.933	A BB	23789.	25.000 PPB	1.19
32	139	606	10:06	2	0.947	A BV	6092.	25.000 PPB	1.19
33	107	607	10:07	2	0.948	A BB	6391.	25.000 PPB	1.19
34	122	617	10:17	2	0.964	A VB	3700.	25.000 PPB	1.19
35	93	616	10:16	2	0.962	A BB	14993.	25.000 PPB	1.19
36	162	627	10:27	2	0.980	A BB	8023.	25.000 PPB	1.19
37	180	635	10:35	2	0.992	A BB	8257.	25.000 PPB	1.19
38	128	642	10:42	2	1.003	A BB	29209.	25.000 PPB	1.19
39	127	647	10:47	2	1.011	A BB	7166.	25.000 PPB	1.19
40	225	656	10:56	2	1.025	A BB	3574.	25.000 PPB	1.19
41	107	689	11:29	2	1.077	A BB	8842.	25.000 PPB	1.19
42	142	704	11:44	2	1.100	A BB	20610.	25.000 PPB	1.19
43	237	723	12:03	3	0.901	A BB	1952.	25.000 PPB	1.19
44	196	731	12:11	3	0.911	A BB	5269.	25.000 PPB	1.19
45	196	735	12:15	3	0.916	A BB	5682.	25.000 PPB	1.19
46	162	749	12:29	3	0.934	A BB	18616.	25.000 PPB	1.19
47	65	761	12:41	3	0.949	A BB	5834.	25.000 PPB	1.19
48	163	776	12:56	3	0.968	A BB	20215.	25.000 PPB	1.19
49	152	788	13:08	3	0.983	A BB	28242.	25.000 PPB	1.19
50	138	799	13:19	3	0.996	A BB	872.	25.000 PPB	1.19

5570454

PS412795A

300315

Data Subject To Validation

No	Ret(L)	Ratio	RRT(L)	Ratio	Amnt	Amnt(L)	R. Fac	R. Fac(L)	Ratio
1	8:41	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
2	10:40	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
3	13:22	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
4	15:36	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
5	20:21	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
6	25:59	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
7	6:37	1.00	0.762	1.00	25.00	25.00	1.257	1.257	1.00
8	8:10	1.00	0.940	1.00	25.00	25.00	1.741	1.741	1.00
9	9:35	1.00	0.898	1.00	25.00	25.00	0.327	0.327	1.00
10	12:17	1.00	0.919	1.00	25.00	25.00	0.980	0.980	1.00
11	14:34	1.00	1.090	1.00	25.00	25.00	0.100	0.100	1.00
12	18:01	1.00	0.885	1.00	25.00	25.00	0.774	0.774	1.00
13	8:23	1.00	0.965	1.00	25.00	25.00	1.361	1.361	1.00
14	8:59	1.00	1.035	1.00	25.00	25.00	0.706	0.706	1.00
15	8:11	1.00	0.942	1.00	25.00	25.00	1.861	1.861	1.00
16	8:18	1.00	0.956	1.00	25.00	25.00	1.667	1.667	1.00
17	8:24	1.00	0.967	1.00	25.00	25.00	1.180	1.180	1.00
18	8:37	1.00	0.992	1.00	25.00	25.00	1.283	1.283	1.00
19	8:42	1.00	1.002	1.00	25.00	25.00	1.310	1.310	1.00
20	8:14	1.00	0.948	1.00	25.00	25.00	1.544	1.544	1.00
21	3:45	1.00	0.432	1.00	25.00	25.00	0.779	0.779	1.00
22	3:44	1.00	0.430	1.00	25.00	25.00	1.361	1.361	1.00
23	8:55	1.00	1.027	1.00	25.00	25.00	0.748	0.748	1.00
24	9:00	1.00	1.036	1.00	25.00	25.00	1.188	1.188	1.00
25	9:06	1.00	1.048	1.00	25.00	25.00	1.153	1.153	1.00
26	9:09	1.00	1.054	1.00	25.00	25.00	2.156	2.156	1.00
27	9:19	1.00	1.073	1.00	25.00	25.00	1.170	1.170	1.00
28	9:22	1.00	1.079	1.00	25.00	25.00	0.815	0.815	1.00
29	9:29	1.00	1.092	1.00	25.00	25.00	0.516	0.516	1.00
30	9:37	1.00	0.902	1.00	25.00	25.00	0.339	0.339	1.00
31	9:57	1.00	0.933	1.00	25.00	25.00	0.690	0.690	1.00
32	10:06	1.00	0.947	1.00	25.00	25.00	0.177	0.177	1.00
33	10:07	1.00	0.948	1.00	25.00	25.00	0.185	0.185	1.00
34	10:17	1.00	0.964	1.00	25.00	25.00	0.107	0.107	1.00
35	10:16	1.00	0.962	1.00	25.00	25.00	0.435	0.435	1.00
36	10:27	1.00	0.980	1.00	25.00	25.00	0.233	0.233	1.00
37	10:35	1.00	0.992	1.00	25.00	25.00	0.239	0.239	1.00
38	10:42	1.00	1.003	1.00	25.00	25.00	0.847	0.847	1.00
39	10:47	1.00	1.011	1.00	25.00	25.00	0.208	0.208	1.00
40	10:56	1.00	1.025	1.00	25.00	25.00	0.104	0.104	1.00
41	11:29	1.00	1.077	1.00	25.00	25.00	0.256	0.256	1.00
42	11:44	1.00	1.100	1.00	25.00	25.00	0.598	0.598	1.00
43	12:03	1.00	0.901	1.00	25.00	25.00	0.105	0.105	1.00
44	12:11	1.00	0.911	1.00	25.00	25.00	0.283	0.283	1.00
45	12:15	1.00	0.916	1.00	25.00	25.00	0.305	0.305	1.00
46	12:29	1.00	0.934	1.00	25.00	25.00	0.999	0.999	1.00
47	12:41	1.00	0.949	1.00	25.00	25.00	0.313	0.313	1.00
48	12:56	1.00	0.968	1.00	25.00	25.00	1.085	1.085	1.00
49	13:08	1.00	0.983	1.00	25.00	25.00	1.515	1.515	1.00
50	13:19	1.00	0.996	1.00	25.00	25.00	0.047	0.047	1.00

557005P

BS012795A

300316

Data Subject To Validation

Data: BS012795A.T1

01/27/95 11:35:00

Sample: SSTD050 290-04-PERF

Conds.: RTX-5 0.25MM X 30M 1.0UM 45/4-325@20

INST B

Formula: X X X

Instrument: B

Weight: 1.001

Submitted by:

Analyst: JAM

Acct. No.:

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

Resp. fac. from Library Entry

No	Name	
51	C550 *ACENAPHTHENE	0.8
52	C321 2,3,4,6-TETRACHLOROPHENOL	
53	C555 &2,4DINITROPHENOL	
54	C560 &4NITROPHENOL	
55	C565 DIBENZOFURAN	0.8
56	C570 2,4DINITROTOLUENE	0.2 T
57	C543 2,6DINITROTOLUENE	0.2
58	C580 DIETHYL PHTHALATE	
59	C585 4CHLOROPHENYL PHEN	0.4
60	C590 FLUORENE	0.9
61	C595 4-NITROANILINE	
62	C610 4,6DINITRO2METHYLPH	
63	C615 *DIPHENYLAMINE	
64	C625 4BROMOPHENYL PHENY	0.1
65	C630 CL6BENZENE	0.1 T
66	C635 *PENTACHLOROPHENOL	0.05 T
67	C640 PHENANTHRENE	0.7
68	C645 ANTHRACENE	0.7
69	C650 DI-NBUTYLPHTHALATE	
70	C655 *FLUORANTHENE	0.6
71	D200 1,2-DIPHENYLHYDRAZINE	
72	C647 CARBAZOLE	
73	C715 PYRENE	0.6
74	C720 BUTYLBENZYLPHTHALATE	
75	C725 3,3'-CL2BENZIDINE	
76	C730 BENZO(A)ANTHRACENE	0.8
77	C740 BIS(2ETHYLHEXYL)PHTH	
78	C735 CHRYSENE	0.7
79	C760 *DI-N-OCTYLPHTHALATE	
80	C765 BENZO(B)FLUORANTHE	0.7
81	C770 BENZO(K)FLUORANTHE	0.7
82	C775 *BENZO(A)PYRENE	0.7
83	C780 INDENO(1,2,3CD)PYR	0.5
84	C785 DIBENZO(A,H)ANTHRA	0.4
85	C790 BENZO(G,H,I)PERYLE	0.5

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
51	153	804	13:24	3	1.002	A BB	15874.	25.000 PPB	1.19
52	232	833	13:53	3	1.039	A BB	4473.	25.000 PPB	1.19
53	184	807	13:27	3	1.006	A BB	2009.	25.000 PPB	1.19
54	109	810	13:30	3	1.010	A BB	1420.	25.000 PPB	1.19
55	168	818	13:38	3	1.020	A BB	23970.	25.000 PPB	1.19
56	165	820	13:40	3	1.022	A BB	6942.	25.000 PPB	1.19
57	165	784	13:04	3	0.978	A BB	5340.	25.000 PPB	1.19
58	149	838	13:58	3	1.045	A BB	19056.	25.000 PPB	1.19

300317

Data Subject To Validation

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
59	204	847	14:07	3	1.056	A BB	9134.	25.000 PPB	1.19
60	166	850	14:10	3	1.060	A BB	19252.	25.000 PPB	1.19
61	138	855	14:15	3	1.066	A BB	1425.	25.000 PPB	1.19
62	198	857	14:17	4	0.916	A BB	3345.	25.000 PPB	1.19
63	169	858	14:18	4	0.917	A BB	8394.	25.000 PPB	1.19
64	248	891	14:51	4	0.952	A BB	4209.	25.000 PPB	1.19
65	284	908	15:08	4	0.970	A BB	4135.	25.000 PPB	1.19
66	266	923	15:23	4	0.986	A BB	3018.	25.000 PPB	1.19
67	178	939	15:39	4	1.003	A BV	27144.	25.000 PPB	1.19
68	178	943	15:43	4	1.007	A VB	27860.	25.000 PPB	1.19
69	149	983	16:23	4	1.050	A BB	37509.	25.000 PPB	1.19
70	202	1050	17:30	4	1.122	A BB	28498.	25.000 PPB	1.19
71	77	862	14:22	4	0.921	A BB	30939.	25.000 PPB	1.19
72	167	956	15:56	4	1.021	A BB	7463.	25.000 PPB	1.19
73	202	1072	17:52	5	0.878	A BB	28875.	25.000 PPB	1.19
74	149	1131	18:51	5	0.926	A BB	16421.	25.000 PPB	1.19
75	252	1210	20:10	5	0.991	A BB	4033.	25.000 PPB	1.19
76	228	1218	20:18	5	0.998	A BV	22130.	25.000 PPB	1.19
77	149	1207	20:07	5	0.989	A BB	22924.	25.000 PPB	1.19
78	228	1225	20:25	5	1.003	A VB	20774.	25.000 PPB	1.19
79	149	1322	22:02	6	0.848	A BB	34423.	25.000 PPB	1.19
80	252	1445	24:05	6	0.927	A BV	18353.	25.000 PPB	1.19
81	252	1452	24:12	6	0.931	A VB	17974.	25.000 PPB	1.19
82	252	1541	25:41	6	0.988	A BB	16664.	25.000 PPB	1.19
83	276	1984	33:04	6	1.273	A BB	16437.	25.000 PPB	1.19
84	278	1991	33:11	6	1.277	A BB	12604.	25.000 PPB	1.19
85	276	2116	35:16	6	1.357	A BB	13703.	25.000 PPB	1.19

No	Ret(L)	Ratio	RRT(L)	Ratio	Amnt	Amnt(L)	R. Fac	R. Fac(L)	Ratio
51	13:24	1.00	1.002	1.00	25.00	25.00	0.852	0.852	1.00
52	13:53	1.00	1.039	1.00	25.00	25.00	0.240	0.240	1.00
53	13:27	1.00	1.006	1.00	25.00	25.00	0.108	0.108	1.00
54	13:30	1.00	1.010	1.00	25.00	25.00	0.076	0.076	1.00
55	13:38	1.00	1.020	1.00	25.00	25.00	1.286	1.286	1.00
56	13:40	1.00	1.022	1.00	25.00	25.00	0.372	0.372	1.00
57	13:04	1.00	0.978	1.00	25.00	25.00	0.286	0.286	1.00
58	13:58	1.00	1.045	1.00	25.00	25.00	1.022	1.022	1.00
59	14:07	1.00	1.056	1.00	25.00	25.00	0.490	0.490	1.00
60	14:10	1.00	1.060	1.00	25.00	25.00	1.033	1.033	1.00
61	14:15	1.00	1.066	1.00	25.00	25.00	0.076	0.076	1.00
62	14:17	1.00	0.916	1.00	25.00	25.00	0.130	0.130	1.00
63	14:18	1.00	0.917	1.00	25.00	25.00	0.327	0.327	1.00
64	14:51	1.00	0.952	1.00	25.00	25.00	0.164	0.164	1.00
65	15:08	1.00	0.970	1.00	25.00	25.00	0.161	0.161	1.00
66	15:23	1.00	0.986	1.00	25.00	25.00	0.117	0.117	1.00
67	15:39	1.00	1.003	1.00	25.00	25.00	1.056	1.056	1.00
68	15:43	1.00	1.007	1.00	25.00	25.00	1.084	1.084	1.00
69	16:23	1.00	1.050	1.00	25.00	25.00	1.459	1.459	1.00
70	17:30	1.00	1.122	1.00	25.00	25.00	1.109	1.109	1.00
71	14:22	1.00	0.921	1.00	25.00	25.00	1.204	1.204	1.00
72	15:56	1.00	1.021	1.00	25.00	25.00	0.290	0.290	1.00
73	17:52	1.00	0.878	1.00	25.00	25.00	1.432	1.432	1.00
74	18:51	1.00	0.926	1.00	25.00	25.00	0.815	0.815	1.00
75	20:10	1.00	0.991	1.00	25.00	25.00	0.200	0.200	1.00
76	20:18	1.00	0.998	1.00	25.00	25.00	1.098	1.098	1.00
77	20:07	1.00	0.989	1.00	25.00	25.00	1.137	1.137	1.00

5570059
859127951

300318

Data Subject To Validation

No	Ret(L)	Ratio	RRT(L)	Ratio	Amnt	Amnt(L)	R. Fac	R. Fac(L)	Ratio
78	20:25	1.00	1.003	1.00	25.00	25.00	1.031	1.031	1.00
79	22:02	1.00	0.848	1.00	25.00	25.00	1.835	1.835	1.00
80	24:05	1.00	0.927	1.00	25.00	25.00	0.978	0.978	1.00
81	24:12	1.00	0.931	1.00	25.00	25.00	0.958	0.958	1.00
82	25:41	1.00	0.988	1.00	25.00	25.00	0.888	0.888	1.00
83	33:04	1.00	1.273	1.00	25.00	25.00	0.876	0.876	1.00
84	33:11	1.00	1.277	1.00	25.00	25.00	0.672	0.672	1.00
85	35:16	1.00	1.357	1.00	25.00	25.00	0.731	0.731	1.00

570054

BS012795A

300319

Data Subject To Validation

Calibration Check

Instrument Identifier: B

Calibration Date: 11/09/94

Standard File: BS012795A

Date: 01/27/95 Time: 11:35:00

MIN RF: SW(&) = .05 CLP = .01 OR BELOW

MAX %D: SW(*) = 30% CLP = 25%

	Compound		Mean RF(I)	RF(O)	% D
CS50	2-FLUOROPHENOL	0.6	0.996	1.257	26.164
CS45	D5-PHENOL	0.8	1.309	1.742	33.043
CS20	D5-NITROBENZENE	0.2	0.294	0.327	11.140
CS25	2-FLUOROBIPHENYL	0.7	1.089	0.980	9.940
CS55	2,4,6-TRIBROMOPHENOL	0.117	0.101	0.101	14.452
CS30	D14-P-TERPHENYL	0.5	0.841	0.775	7.926
CS70	2-CHLOROPHENOL-D4	0.8	1.095	1.361	24.320
CS75	1,2-CL2BENZENE-D4	0.4	0.725	0.706	2.511
C315	*PHENOL	0.8	1.593	1.861	16.859 ✓
C325	BIS(2CHLOROETHYL)E	0.7	1.384	1.667	20.436
C330	2CHLOROPHENOL	0.8	1.118	1.180	5.594
C335	1,3DICHLORO BENZENE	0.6	1.234	1.284	3.999
C340	*1,4DICHLORO BENZENE	0.5	1.251	1.311	4.798 ✓
C320	ANILINE		1.393	1.545	10.942
C310	N-NITROSODIMETHYLAMINE		0.621	0.779	25.462
C319	PYRIDINE		0.918	1.361	48.298
C345	BENZYL ALCOHOL		0.581	0.749	28.896
C350	1,2DICHLORO BENZENE	0.4	1.143	1.189	4.022
C355	2METHYLPHENOL	0.7	1.035	1.154	11.519
C357	2,2'OXYBIS(1CHLOROPR		1.301	2.157	65.766
C365	4METHYLPHENOL	0.6	1.056	1.171	10.933
C370	&NITROSOPROPYLAMINE	0.5	0.614	0.815 ✓	32.691
C375	HEXACHLOROETHANE	0.3	0.454	0.517	13.926
C410	NITROBENZENE	0.2	0.294	0.339	15.301
C415	ISOPHORONE	0.4	0.575	0.690	19.995
C420	*2-NITROPHENOL	0.1	0.176	0.177	0.772 ✓
C425	2,4-DIMETHYLPHENOL	0.2	0.225	0.186	17.386
C430	BENZOIC ACID		0.140	0.108	23.017
C435	BIS(2CHLOROETHOXY)	0.3	0.388	0.435	12.161
C440	*2,4DICHLOROPHENOL	0.2	0.256	0.233	9.078 ✓
C445	1,2,4TRICHLOROBENZ	0.2	0.273	0.240	12.087
C450	NAPHTHALENE	0.7	0.857	0.847	1.068
C455	4-CHLORDANILINE		0.323	0.208	35.540
C460	*CL6BUTADIENE		0.127	0.104	17.977 ✓
C465	*4CHLORO3METHYLPHEN	0.2	0.237	0.257	8.461 ✓
C470	2METHYLNAPHTHALENE	0.4	0.583	0.598	2.582
C510	&CL6CYCLOPENTADIENE		0.286	0.105 ✓	63.180
C515	*246TRICHLOROPHNEOL	0.2	0.329	0.283	13.984 ✓
C520	2,4,5TRICHLOROPHEN	0.2	0.356	0.305	14.297
C525	2CHLORONAPHTHALENE	0.8	1.022	0.999	2.179
C530	2-NITROANILINE		0.271	0.314	15.665
C535	DIMETHYL PHTHALATE		1.111	1.085	2.348
C540	ACENAPHTHYLENE	1.3	1.558	1.516	2.688
C545	3-NITROANILINE		0.148	0.047	68.091
C550	*ACENAPHTHENE	0.8	0.916	0.852	7.010 ✓
C321	2,3,4,6-TETRACHLOROPHE		0.302	0.240	20.342
C555	&2,4DINITROPHENOL		0.148	0.108 ✓	26.662

300320

Data Subject To Validation

C560	*4NITROPHENDL		0.084	0.077 ✓	8.512
C565	DIBENZOFURAN	0.8	1.322	1.287	2.660
C570	2,4DINITROTOLUENE	0.2	0.360	0.373	3.718
C543	2,6DINITROTOLUENE	0.2	0.296	0.287	3.146
C580	DIETHYL PHTHALATE		1.062	1.023	3.641
C585	4CHLOROPHENYL PHEN	0.4	0.520	0.491	5.659
C590	FLUORENE	0.9	1.097	1.033	5.806
C595	4-NITROANILINE		0.124	0.077	37.867
C610	4,6DINITRO2METHYLPH		0.136	0.131	3.923
C615	*DIPHENYLAMINE		0.393	0.327	16.686 ✓
C625	4BROMOPHENYL PHENY	0.1	0.183	0.164	10.018
C630	CL6BENZENE	0.1	0.185	0.161	12.773
C635	*PENTACHLOROPHENOL	0.05	0.133	0.118	11.328
C640	PHENANTHRENE	0.7	1.012	1.056	4.422
C645	ANTHRACENE	0.7	1.021	1.084	6.168
C650	DI-NBUTYLPHTHALATE		1.245	1.460	17.202
C655	*FLUORANTHENE	0.6	0.987	1.109	12.374 ✓
D200	1,2-DIPHENYLHYDRAZINE		0.813	1.204	48.172
C647	CARBAZOLE		0.591	0.291	50.811
C715	PYRENE	0.6	1.440	1.433	0.471
C720	BUTYLBENZYLPHTHALATE		0.714	0.815	14.104
C725	3,3'-CL2BENZIDINE		0.135	0.201	48.740
C730	BENZO(A)ANTHRACENE	0.8	1.107	1.098	0.763
C740	BIS(2ETHYLHEXYL)PHTH		0.978	1.138	16.295
C735	CHRYSENE	0.7	1.007	1.031	2.348
C760	*DI-N-OCTYLPHTHALATE		1.555	1.836	18.026 ✓
C765	BENZO(B)FLUORANTHE	0.7	1.079	0.979	9.260
C770	BENZO(K)FLUORANTHE	0.7	0.909	0.959	5.440
C775	*BENZO(A)PYRENE	0.7	0.917	0.889	3.105 ✓
C780	INDENO(1,2,3CD)PYR	0.5	0.920	0.877	4.659
C785	DIBENZO(A,H)ANTHRA	0.4	0.713	0.672	5.729
C790	BENZO(G,H,I)PERYLE	0.5	0.765	0.731	4.400

Continuing
85012795A

300321

Data Subject To Validation

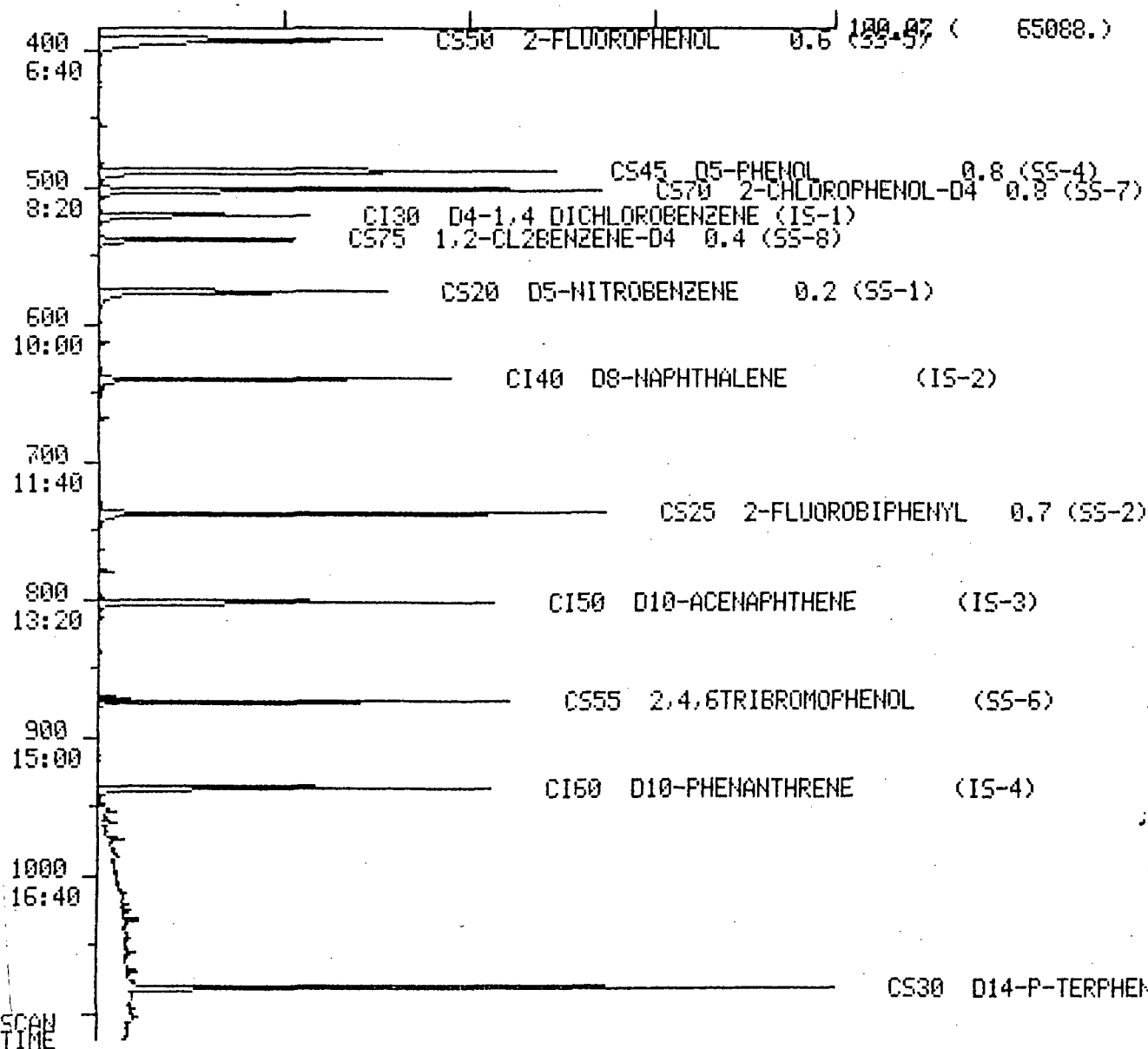
DATA FROM FILE: SUVQA01P

SCANS 384 TO 1119 ACQUIRED: 01/27/95 19:25:00

CALI: SUVQA01P #1

SAMPLE: RBS0/012095 WATER HLA

CONDS.: RTX-5 0.25MM X 30M 1.0UM 45/4-325020 INST B



FEB 01 1995

REVIEWED

Data Subject to Validation

300322

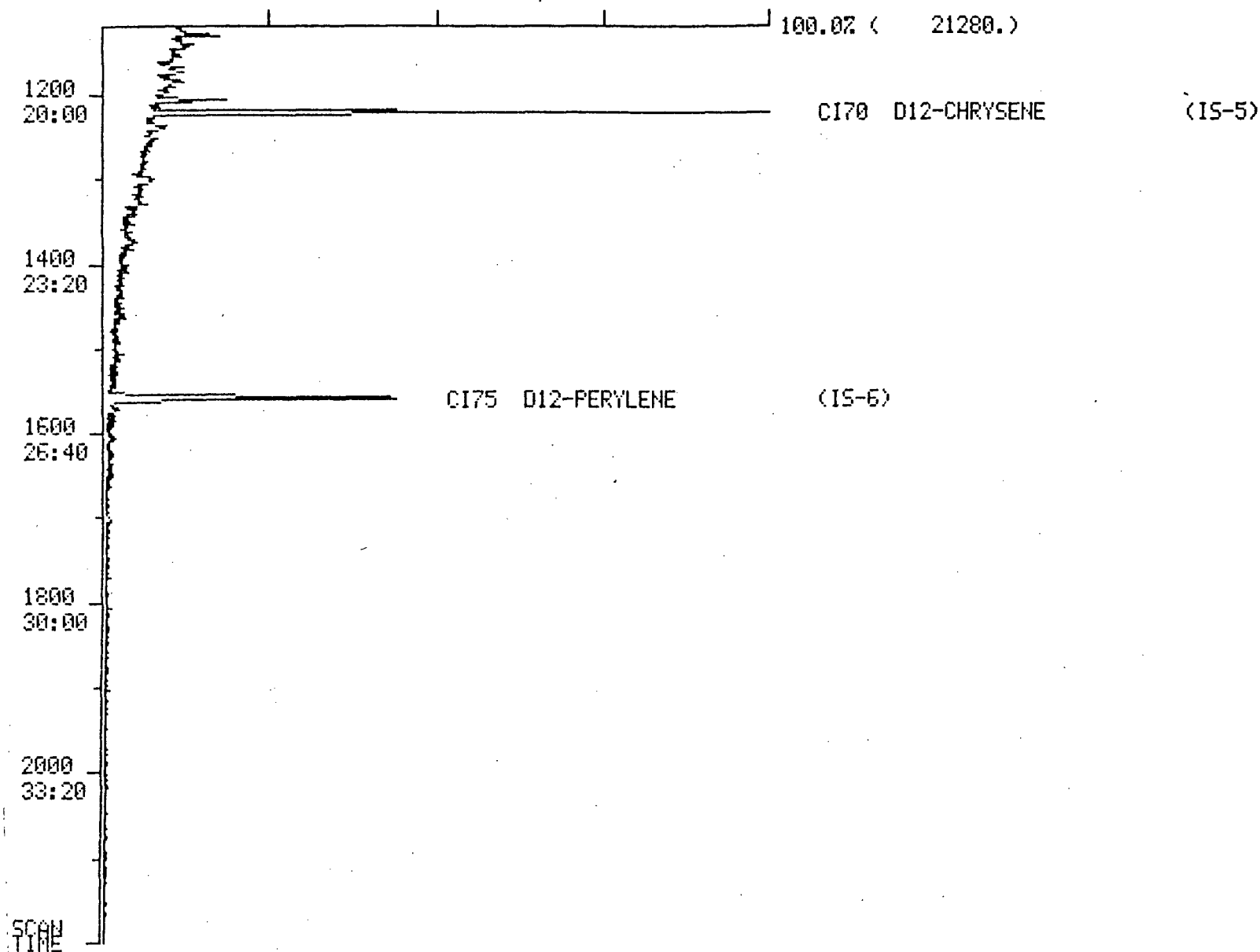
DATA FROM FILE: SUVQA01P

SCANS 1119 TO 2200 ACQUIRED: 01/27/95 19:25:00

CALI: SUVQA01P #1

SAMPLE: RB50/012095 WATER HLA

CONDS.: RTX-5 0.25MM X 30M 1.0UM 45/4-325020 INST B



300323

Data Subject To Validation

Data: SVVGA01P.TI

01/27/95 19:25:00

Sample: RBS0/012095 WATER HLA

Conds.: RTX-5 0.25MM X 30M 1.0UM 45/4-325@20 INST B

Formula: X X X

Instrument: B

Weight: 1.001

Submitted by:

Analyst: JAM

Acct. No.: 11911

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

Resp. fac. from Library Entry

No	Name
1	CI30 D4-1,4 DICHLOROBEZENE (IS-1)
2	CI40 D8-NAPHTHALENE (IS-2)
3	CI50 D10-ACENAPHTHENE (IS-3)
4	CI60 D10-PHENANTHRENE (IS-4)
5	CI70 D12-CHRYSENE (IS-5)
6	CI75 D12-PERYLENE (IS-6)
7	CS50 2-FLUOROPHENOL 0.6 (SS-5)
8	CS45 D5-PHENOL 0.8 (SS-4)
9	CS20 D5-NITROBENZENE 0.2 (SS-1)
10	CS25 2-FLUOROBIPHENYL 0.7 (SS-2)
11	CS55 2,4,6TRIBROMOPHENOL (SS-6)
12	CS30 D14-P-TERPHENYL 0.5 (SS-3)
13	CS70 2-CHLOROPHENOL-D4 0.8 (SS-7)
14	CS75 1,2-CL2BENZENE-D4 0.4 (SS-8)
15	C740 BIS(2ETHYLHEXYL)PTH

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
1	152	519	8:39	1	1.000	A BB	6358.	20.000 PPB	3.70
2	136	639	10:39	2	1.000	A BB	25444.	20.000 PPB	3.70
3	164	801	13:21	3	1.000	A BB	15236.	20.000 PPB	3.70
4	188	936	15:36	4	1.000	A BB	19564.	20.000 PPB	3.70
5	240	1220	20:20	5	1.000	A BB	14697.	20.000 PPB	3.70
6	264	1558	25:58	6	1.000	A BB	15965.	20.000 PPB	3.70
7	112	392	6:32	1	0.755	A BB	25426.	63.646 PPB	11.78
8	99	487	8:07	1	0.938	A BB	37512.	67.764 PPB	12.54
9	82	575	9:35	2	0.900	A BB	20537.	49.421 PPB	9.15
10	172	737	12:17	3	0.920	A BB	26288.	35.214 PPB	6.52
11	330	874	14:34	3	1.091	A BB	4194.	55.050 PPB	10.19
12	244	1081	18:01	5	0.886	A BB	29937.	52.614 PPB	9.74
13	132	501	8:21	1	0.965	A BB	27615.	63.839 PPB	11.82
14	152	537	8:57	1	1.035	A BB	6883.	30.675 PPB	5.68
15	149	1205	20:05	5	0.988	A BB	1685.	2.016 PPB	0.37

No	Ret(L)	Ratio	RRT(L)	Ratio	Amnt	Amnt(L)	R. Fac	R. Fac(L)	Ratio
1	8:41	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
2	10:40	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
3	13:22	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
4	15:36	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
5	20:21	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
6	25:59	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
7	6:37	0.99	0.762	0.99	63.65	25.00	3.199	1.257	2.55
8	8:10	0.99	0.940	1.00	67.76	25.00	4.720	1.741	2.71
9	9:35	1.00	0.898	1.00	49.42	25.00	0.646	0.327	1.98

300324

Data Subject To Validation

No	Ret(L)	Ratio	RRT(L)	Ratio	Amnt	Amnt(L)	R. Fac	R. Fac(L)	Ratio
10	12:17	1.00	0.919	1.00	35.21	25.00	1.380	0.980	1.41
11	14:34	1.00	1.090	1.00	55.05	25.00	0.220	0.100	2.20
12	18:01	1.00	0.885	1.00	52.61	25.00	1.630	0.774	2.10
13	8:23	1.00	0.965	1.00	63.84	25.00	3.475	1.361	2.55
14	8:59	1.00	1.035	1.00	30.68	25.00	0.866	0.706	1.23
15	20:07	1.00	0.989	1.00	2.02	25.00	0.092	1.137	0.08

300325

Data Subject To Validation

TARGET COMPOUND COMPARISON

COMPOUND: C740 BIS(2ETHYLHEXYL)PHTH

RAW DATA: SUUQA01P #1205

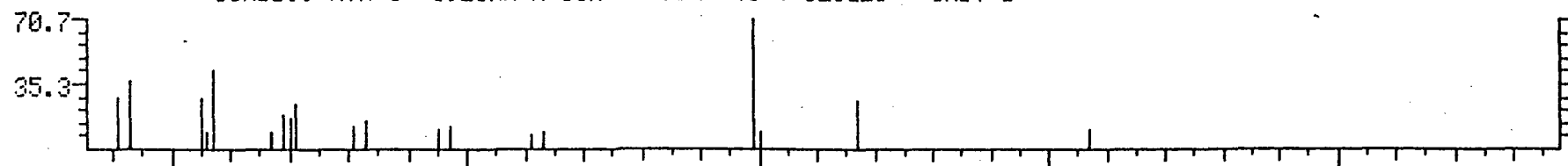
BASE M/Z: 149

RIC: 3992.

01/27/95 19:25

SAMPLE: RBS0/012095 WATER HLA

CONDS.: RTX-5 0.25MM X 30M 1.0UM 45/4-325020 INST B



707.

ENHANCED DATA: SUUQA01P #1205

BASE M/Z: 149

RIC: 2404.

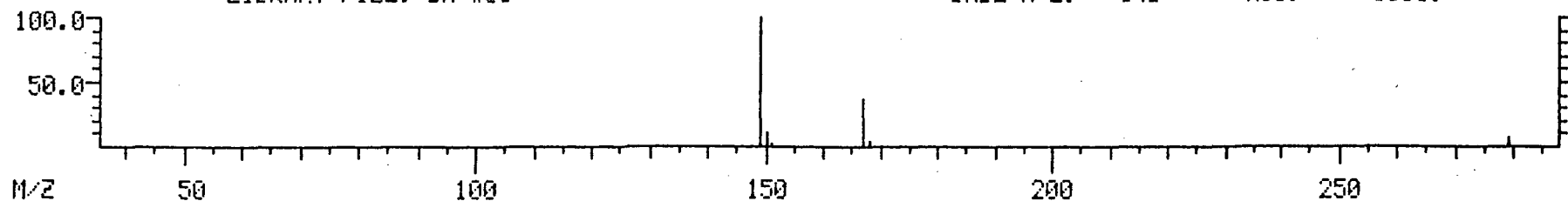


625.

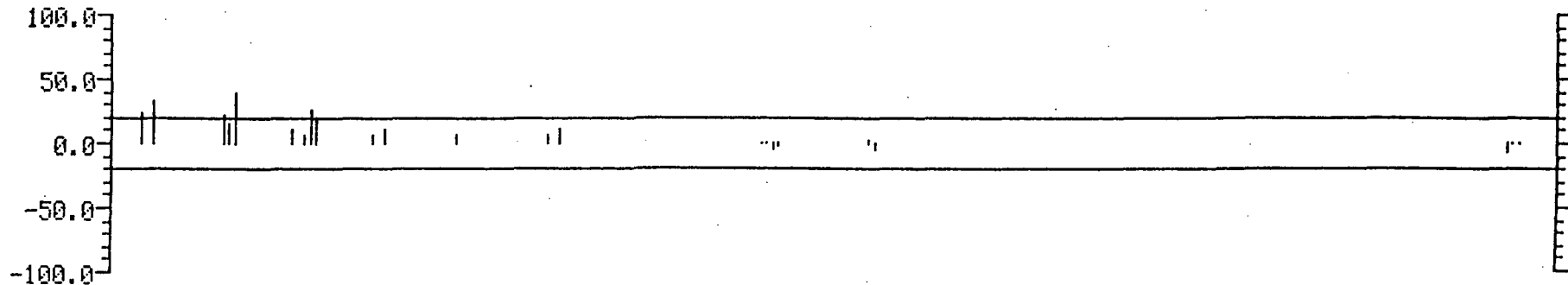
LIBRARY FILE: SN #56

BASE M/Z: 149

RIC: 1586.



1000.



300326

Data Subject To Validation

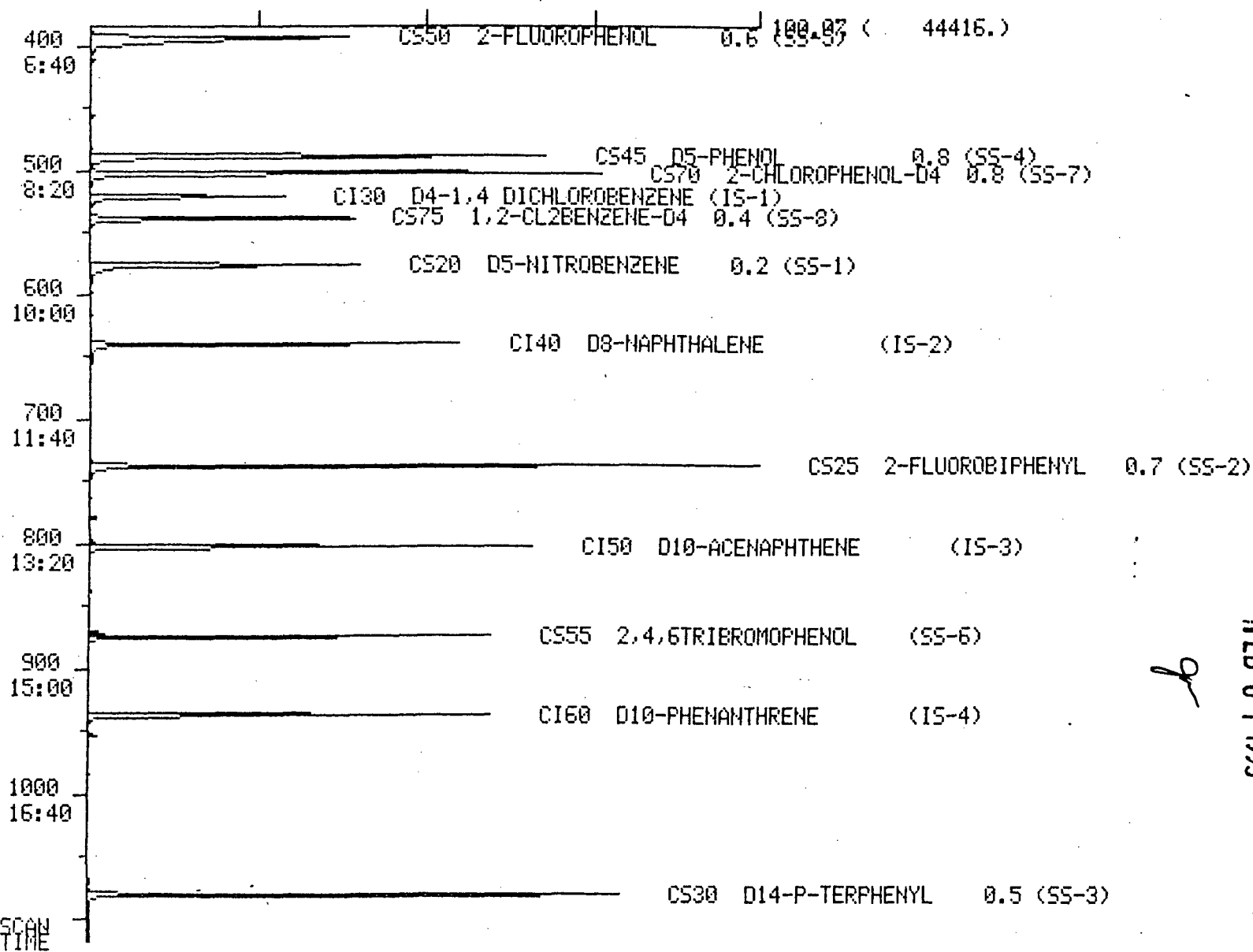
DATA FROM FILE: SUVQB01P

SCANS 384 TO 1119 ACQUIRED: 01/27/95 20:07:00

CALI: SUVQB01P #1

SAMPLE: RBS0/011995 WATER HLA

CONDS.: RTX-5 0.25MM X 30M 1.0UM 45/4-325020 INST B



FEB 01 1995

REVIEWED

Data Subject To Validation

300327

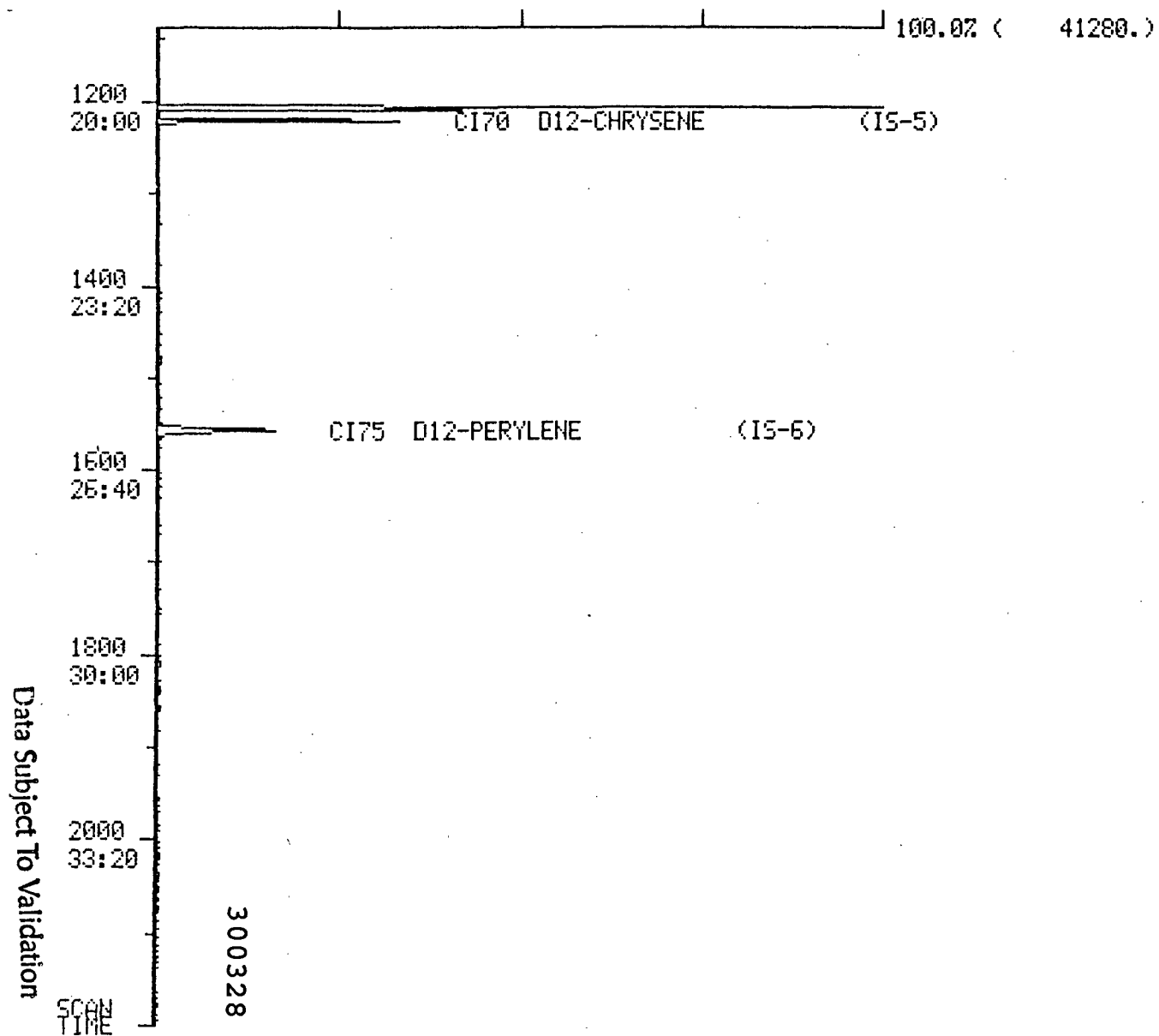
DATA FROM FILE: SUVQB01P

SCANS 1119 TO 2200 ACQUIRED: 01/27/95 20:07:00

CALI: SUVQB01P #1

SAMPLE: RB50/011995 WATER HLA

CONDS.: RTX-5 0.25MM X 30M 1.0UM 45/4-325020 INST B



Quantitation Report File: SVVQB01P

Data: SVVQB01P.TI

01/27/95 20:07:00

Sample: RBS0/011995 WATER HLA

Conds.: RTX-5 0.25MM X 30M 1.0UM 45/4-325020

INST B

Formula: X X X

Instrument: B

Weight: 1.001

Submitted by:

Analyst: JAM

Acct. No.: 11911

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

Resp. fac. from Library Entry

No	Name
1	CI30 D4-1,4 DICHLOROBENZENE (IS-1)
2	CI40 D8-NAPHTHALENE (IS-2)
3	CI50 D10-ACENAPHTHENE (IS-3)
4	CI60 D10-PHENANTHRENE (IS-4)
5	CI70 D12-CHRYSENE (IS-5)
6	CI75 D12-PERYLENE (IS-6)
7	CS50 2-FLUOROPHENOL 0.6 (SS-5)
8	CS45 D5-PHENOL 0.8 (SS-4)
9	CS20 D5-NITROBENZENE 0.2 (SS-1)
10	CS25 2-FLUOROBIPHENYL 0.7 (SS-2)
11	CS55 2,4,6TRIBROMOPHENOL (SS-6)
12	CS30 D14-P-TERPHENYL 0.5 (SS-3)
13	CS70 2-CHLOROPHENOL-D4 0.8 (SS-7)
14	CS75 1,2-CL2BENZENE-D4 0.4 (SS-8)
15	C740 BIS(2ETHYLHEXYL)PTH

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
1	152	519	8:39	1	1.000	A BB	5172.	20.000 PPB	3.41
2	136	639	10:39	2	1.000	A BB	20853.	20.000 PPB	3.41
3	164	801	13:21	3	1.000	A BB	12188.	20.000 PPB	3.41
4	188	936	15:36	4	1.000	A BB	15450.	20.000 PPB	3.41
5	240	1219	20:19	5	1.000	A BB	11065.	20.000 PPB	3.41
6	264	1555	25:55	6	1.000	A BB	11377.	20.000 PPB	3.41
7	112	392	6:32	1	0.755	A BB	21061.	64.809 PPB	11.04
8	99	488	8:08	1	0.940	A BB	29953.	66.517 PPB	11.33
9	82	575	9:35	2	0.900	A BB	16429.	48.239 PPB	8.22
10	172	737	12:17	3	0.920	A BB	24148.	40.437 PPB	6.89
11	330	874	14:34	3	1.091	A BB	3050.	50.046 PPB	8.53
12	244	1080	18:00	5	0.886	A BB	21566.	50.343 PPB	8.58
13	132	501	8:21	1	0.965	A BB	22283.	63.325 PPB	10.79
14	152	537	8:57	1	1.035	A BB	7264.	39.797 PPB	6.78
15	149	1205	20:05	5	0.989	A BB	27351.	43.473 PPB	7.41

No	Ret(L)	Ratio	RRT(L)	Ratio	Amnt	Amnt(L)	R. Fac	R. Fac(L)	Ratio
1	8:41	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
2	10:40	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
3	13:22	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
4	15:36	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
5	20:21	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
6	25:59	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
7	6:37	0.99	0.762	0.99	64.81	25.00	3.258	1.257	2.59
8	8:10	1.00	0.940	1.00	66.52	25.00	4.633	1.741	2.66
9	9:35	1.00	0.898	1.00	48.24	25.00	0.630	0.327	1.93

300329

Data Subject To Validation

No	Ret(L)	Ratio	RRT(L)	Ratio	Amnt	Amnt(L)	R. Fac	R. Fac(L)	Ratio
10	12:17	1.00	0.919	1.00	40.44	25.00	1.585	0.980	1.62
11	14:34	1.00	1.090	1.00	50.05	25.00	0.200	0.100	2.00
12	18:01	1.00	0.885	1.00	50.34	25.00	1.559	0.774	2.01
13	8:23	1.00	0.965	1.00	63.33	25.00	3.447	1.361	2.53
14	8:59	1.00	1.035	1.00	39.80	25.00	1.124	0.706	1.59
15	20:07	1.00	0.989	1.00	43.47	25.00	1.977	1.137	1.74

300330

Data Subject To Validation

TARGET COMPOUND COMPARISON

COMPOUND: C740 BIS(2ETHYLHEXYL)PHTH

RAW DATA: SUVQB01P #1205

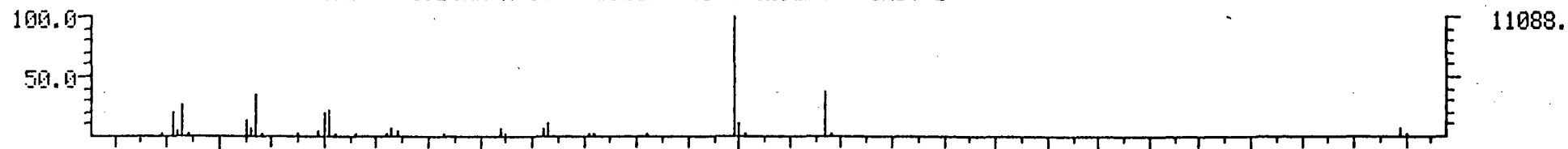
BASE M/Z: 149

RIC: 41344.

01/27/95 20:07

SAMPLE: RB50/011995 WATER HLA

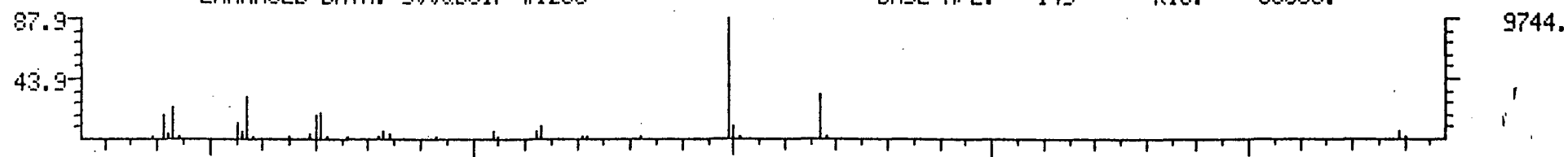
CONDS.: RTX-5 0.25MM X 30M 1.0UM 45/4-325020 INST B



ENHANCED DATA: SUVQB01P #1205

BASE M/Z: 149

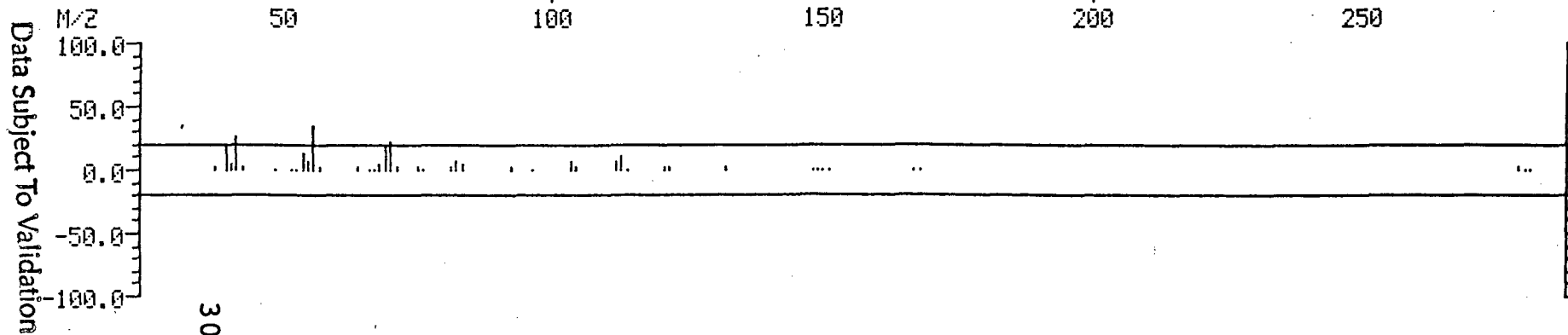
RIC: 36508.



LIBRARY FILE: SN #56

BASE M/Z: 149

RIC: 1586.



Data Subject To Validation

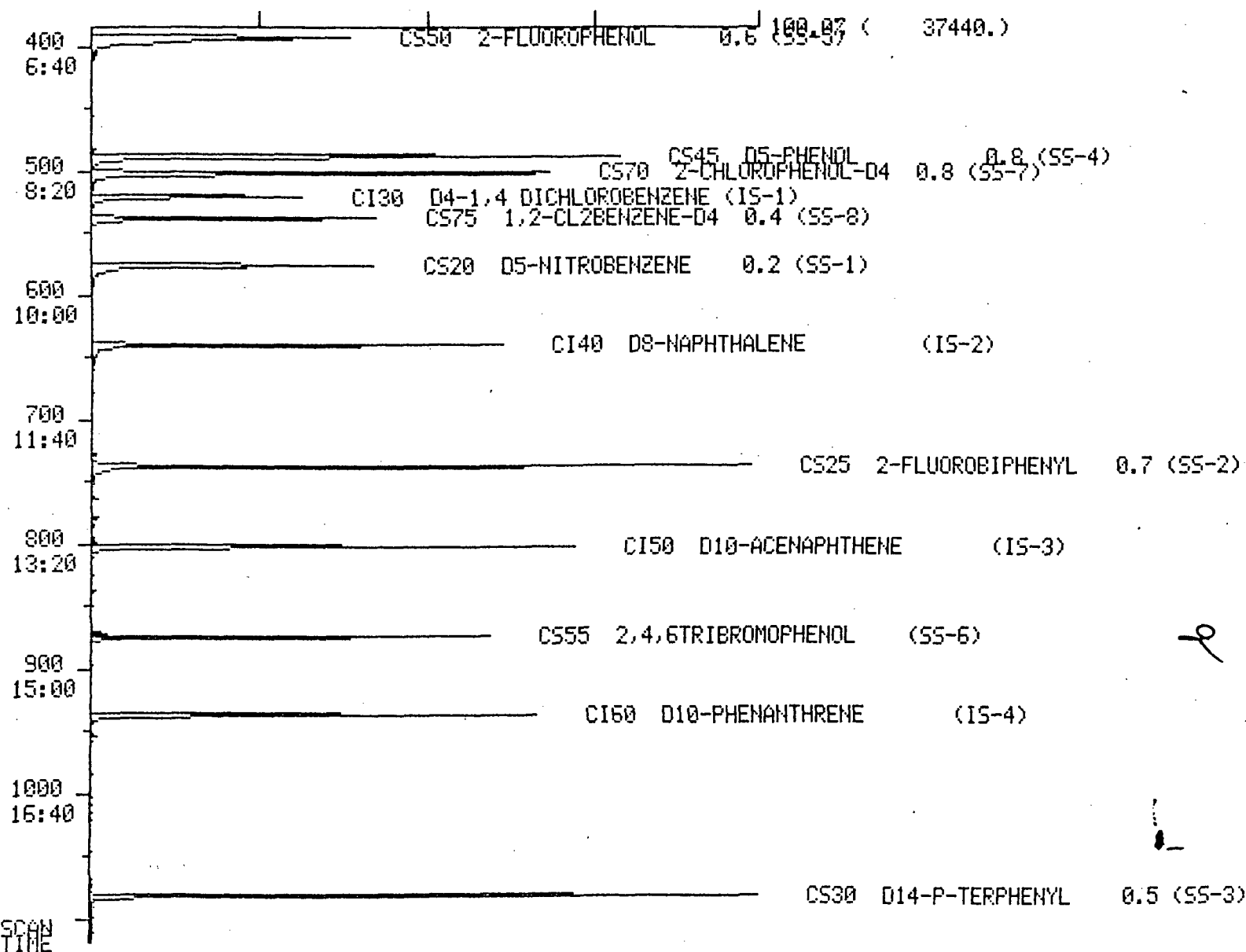
DATA FROM FILE: SUVQC01P

SCANS 384 TO 1119 ACQUIRED: 01/27/95 20:50:00

CALI: SUVQC01P #1

SAMPLE: RBS0/011895 WATER HLA

CONDS.: RTX-5 0.25MM X 30M 1.0UM 45/4-325020 INST B



FEB 01 1995

REMOVED

DATA Subject To Validation
300332

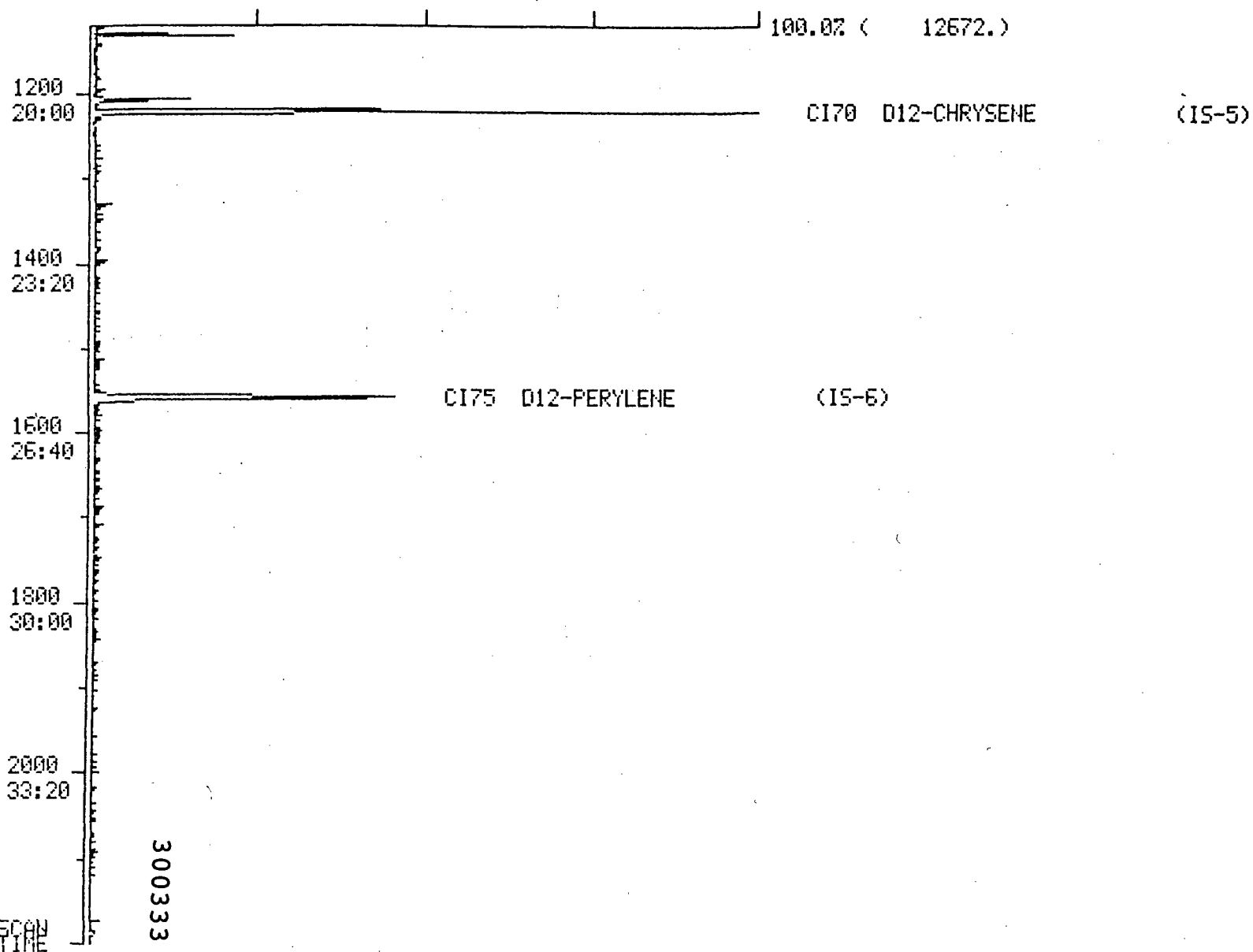
DATA FROM FILE: SUVQC01P

SCANS 1119 TO 2200 ACQUIRED: 01/27/95 20:50:00

CALI: SUVQC01P #1

SAMPLE: RBS0/011895 WATER HLA

CONDS.: RTX-5 0.25MM X 30M 1.0UM 45/4-325020 INST B



Quantitation Report

File: SVVQC01P

Data: SVVQC01P.TI

01/27/95 20:50:00

Sample: RBS0/011895 WATER HLA

Conds.: RTX-5 0.25MM X 30M 1.0UM 45/4-325@20

INST B

Formula: X X X

Instrument: B

Weight: 1.001

Submitted by:

Analyst: JAM

Acct. No.: 11911

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

Resp. fac. from Library Entry

No	Name
1	CI30 D4-1,4 DICHLOROBENZENE (IS-1)
2	CI40 DB-NAPHTHALENE (IS-2)
3	CI50 D10-ACENAPHTHENE (IS-3)
4	CI60 D10-PHENANTHRENE (IS-4)
5	CI70 D12-CHRYSENE (IS-5)
6	CI75 D12-PERYLENE (IS-6)
7	CS50 2-FLUOROPHENOL 0.6 (SS-5)
8	CS45 D5-PHENOL 0.8 (SS-4)
9	CS20 D5-NITROBENZENE 0.2 (SS-1)
10	CS25 2-FLUOROBIPHENYL 0.7 (SS-2)
11	CS55 2,4,6TRIBROMOPHENOL (SS-6)
12	CS30 D14-P-TERPHENYL 0.5 (SS-3)
13	CS70 2-CHLOROPHENOL-D4 0.8 (SS-7)
14	CS75 1,2-CL2BENZENE-D4 0.4 (SS-8)
15	C740 BIS(2ETHYLHEXYL)PTH

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
1	152	519	8:39	1	1.000	A BB	4958.	20.000 PPB	3.88
2	136	639	10:39	2	1.000	A BB	19994.	20.000 PPB	3.88
3	164	801	13:21	3	1.000	A BB	11572.	20.000 PPB	3.88
4	188	936	15:36	4	1.000	A BB	14693.	20.000 PPB	3.88
5	240	1220	20:20	5	1.000	A BB	10396.	20.000 PPB	3.88
6	264	1557	25:57	6	1.000	A BB	10213.	20.000 PPB	3.88
7	112	391	6:31	1	0.753	A BB	18692.	60.002 PPB	11.65
8	99	487	8:07	1	0.938	A BB	26222.	60.745 PPB	11.79
9	82	574	9:34	2	0.898	A BB	15105.	46.257 PPB	8.98
10	172	737	12:17	3	0.920	A BB	20508.	36.169 PPB	7.02
11	330	874	14:34	3	1.091	A BB	2823.	48.787 PPB	9.47
12	244	1081	18:01	5	0.886	A BB	20256.	50.328 PPB	9.77
13	132	500	8:20	1	0.963	A BB	19710.	58.431 PPB	11.34
14	152	537	8:57	1	1.035	A BB	5561.	31.782 PPB	6.17
15	149	1205	20:05	5	0.988	A BB	1602.	2.710 PPB	0.53

No	Ret(L)	Ratio	RRT(L)	Ratio	Amnt	Amnt(L)	R. Fac	R. Fac(L)	Ratio
1	8:41	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
2	10:40	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
3	13:22	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
4	15:36	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
5	20:21	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
6	25:59	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
7	6:37	0.98	0.762	0.99	60.00	25.00	3.016	1.257	2.40
8	8:10	0.99	0.940	1.00	60.75	25.00	4.231	1.741	2.43
9	9:35	1.00	0.898	1.00	46.26	25.00	0.604	0.327	1.85

300334

Data Subject To Validation

No	Ret(L)	Ratio	RRT(L)	Ratio	Amnt	Amnt(L)	R. Fac	R. Fac(L)	Ratio
10	12:17	1.00	0.919	1.00	36.17	25.00	1.418	0.980	1.45
11	14:34	1.00	1.090	1.00	48.79	25.00	0.195	0.100	1.95
12	18:01	1.00	0.885	1.00	50.33	25.00	1.559	0.774	2.01
13	8:23	0.99	0.965	1.00	58.43	25.00	3.180	1.361	2.34
14	8:59	1.00	1.035	1.00	31.78	25.00	0.897	0.706	1.27
15	20:07	1.00	0.989	1.00	2.71	25.00	0.123	1.137	0.11

300335

Data Subject To Validation

TARGET COMPOUND COMPARISON

COMPOUND: C740 BIS(2ETHYLHEXYL)PHTH

RAW DATA: SUUQC01P #1205

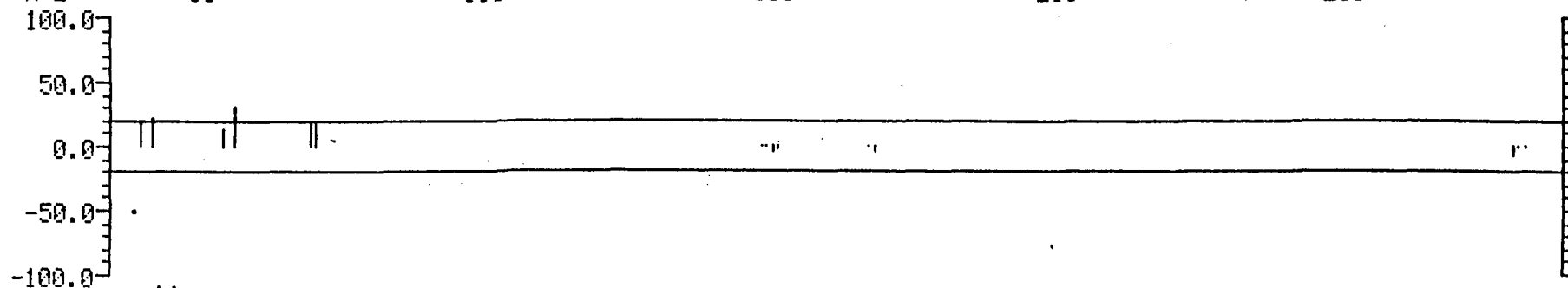
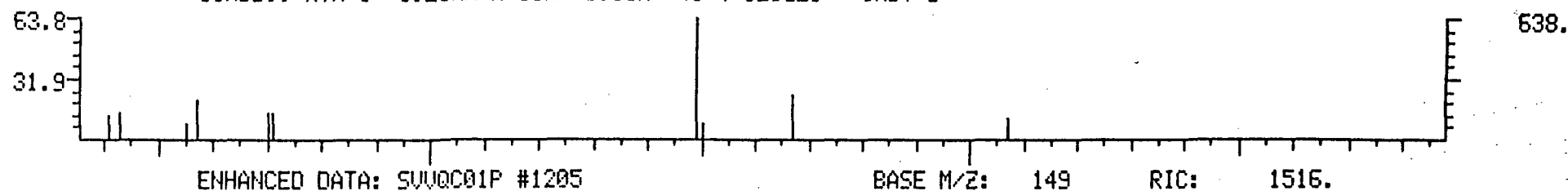
BASE M/Z: 149

RIC: 1896.

01/27/95 20:50

SAMPLE: RB50/011895 WATER HLA

CONDS.: RTX-5 0.25MM X 30M 1.0UM 45/4-325020 INST B



Data Subject To Validation

MASS SPECTRUM

02/08/95 10:21:00 + 8:16

SAMPLE: DFTPP 290-14-PERF

CONDS.: RTX-5 0.25MM X 30M 1.0UM 45/4-325020 . INST B

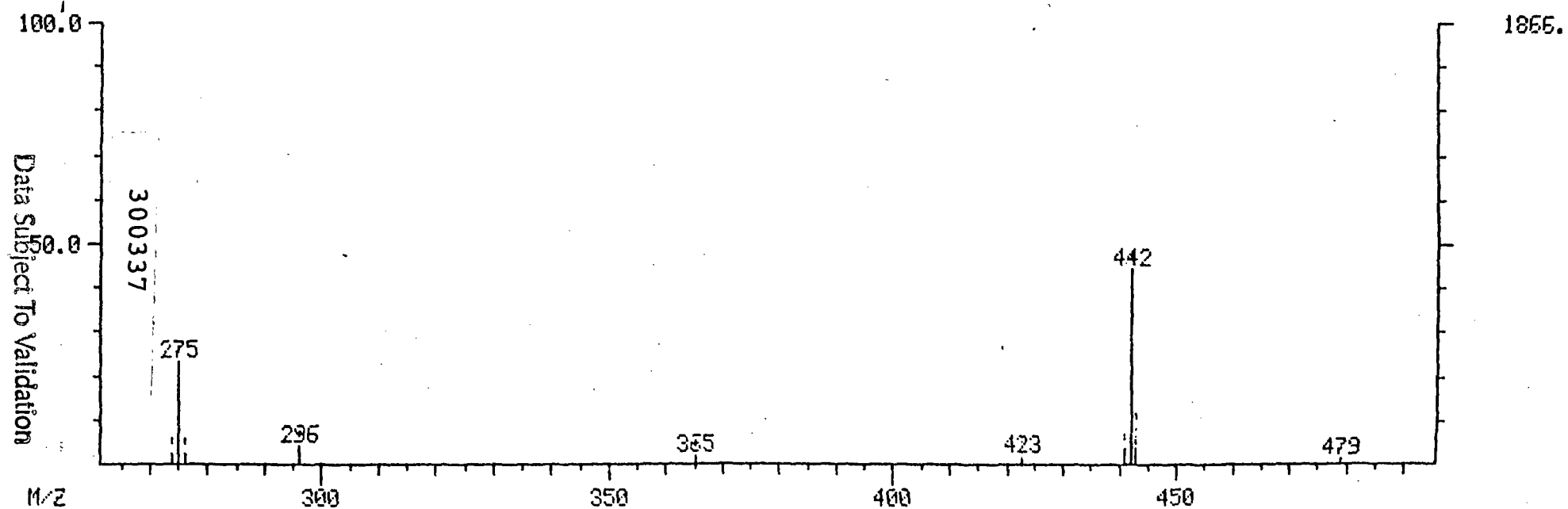
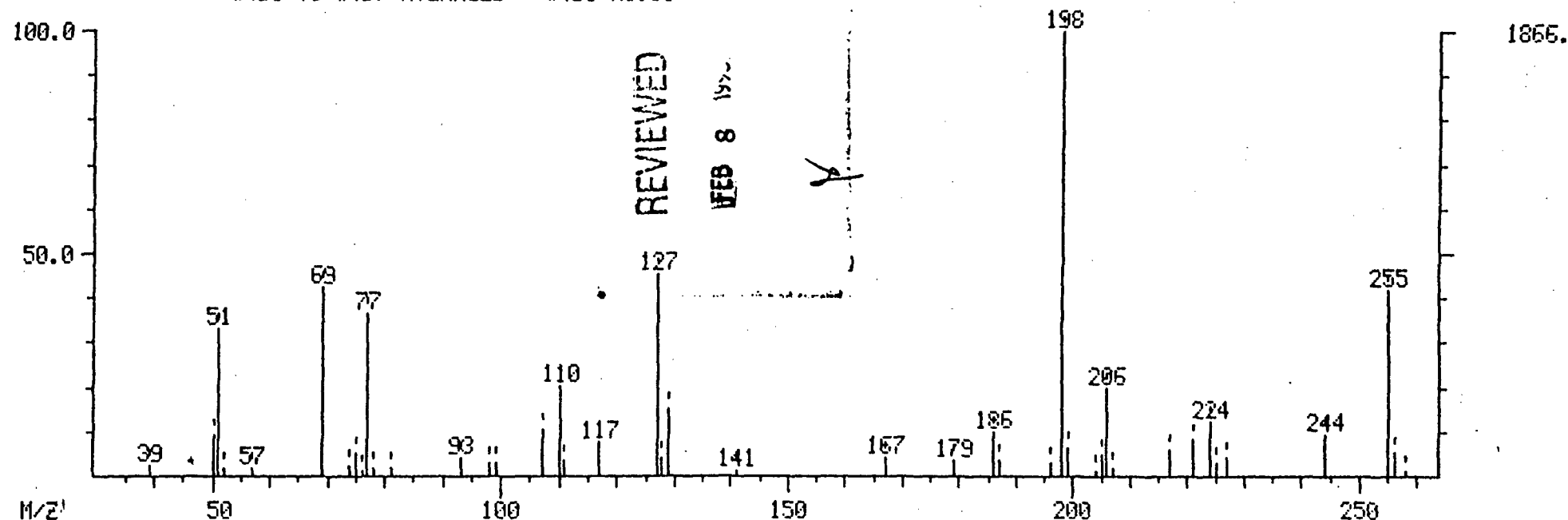
#495 TO #497 AVERAGED - #490 X1.00

DATA: BP020895J #496

CALI: BP020895J #1

BASE M/Z: 198

RIC: 11200.



RIC

02/08/95 10:21:00

SAMPLE: DFTPP 290-14-PERF

CONDS.: RTX-5 0.25MM X 30M 1.0UM 45/4-325020 INST B

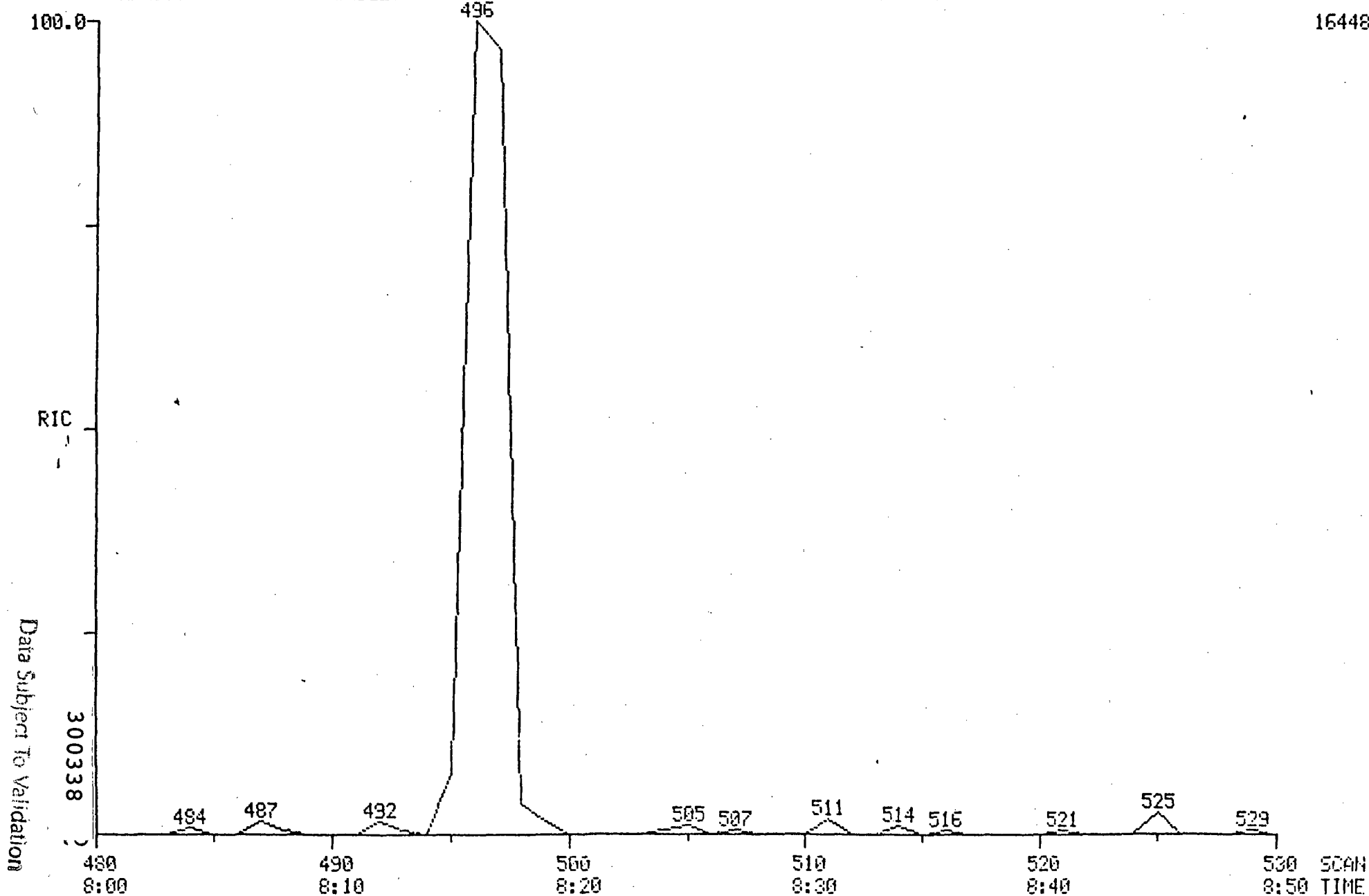
RANGE: G 1, 650 LABEL: N 0, 4.0 QUAN: A 0, 1.0 J 0 BASE: U 20, 3

DATA: BP020895J #495

SCANS 480 TO 530

CALI: BP020895J #1

16448.



RIC+MASS CHROMATOGRAM

02/08/95 10:21:00

SAMPLE: DFTPP 290-14-PERF

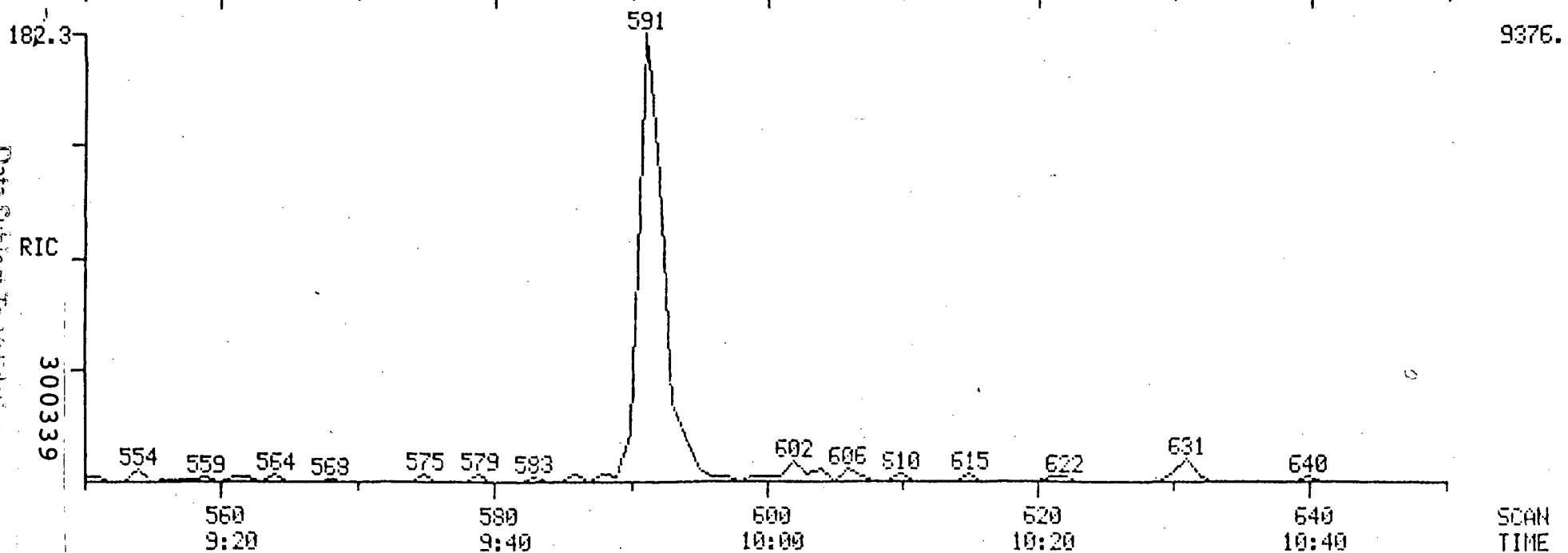
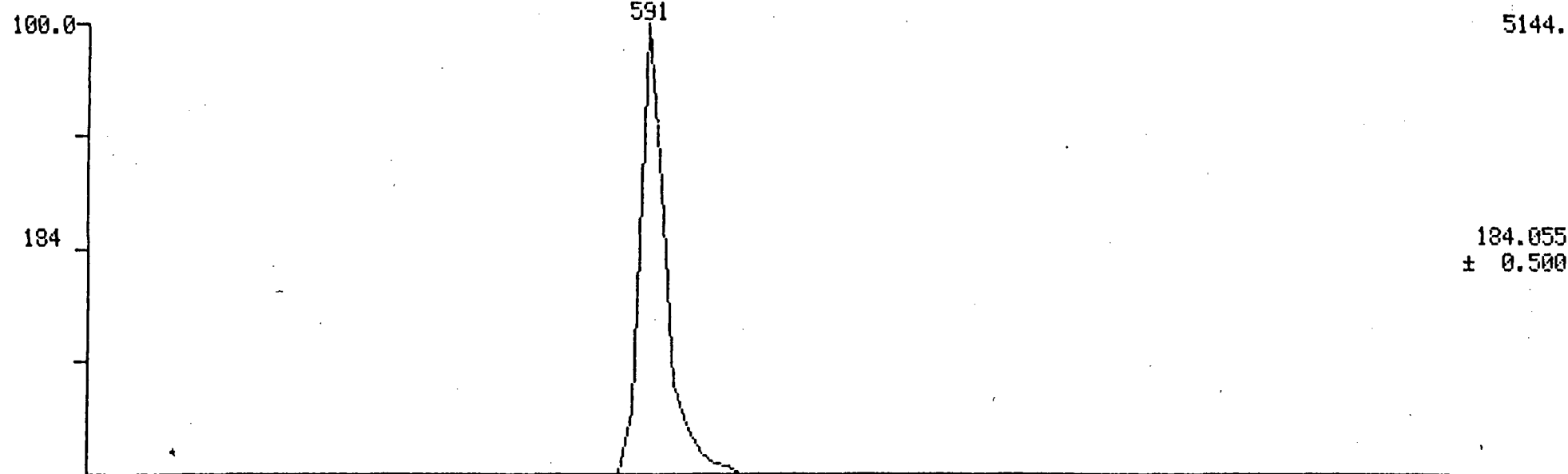
CONDS.: RTX-5 0.25MM X 30M 1.0UM 45/4-325020 INST B

RANGE: G 1, 650 LABEL: N 0, 4.0 QUAN: A 0, 1.0 J 0 BASE: U 20, 3

DATA: BP020895J #495

SCANS 550 TO 650

CALI: BP020895J #1



Mass List

Data: BP020895J # 496

Base m/z: 198

02/08/95 10:21:00 + B:16

Cali: BP020895J # 1

RIC: 11200.

Sample: DFTPP 290-14-PERF

Conds.: RTX-5 0.25MM X 30M 1.0UM 45/4-325@20 INST B

#495 to #497 averaged - #490 X1.00

39 479 Mass	0.00 % RA	0. Inten.	Minima Maxima Mass	Min Inten: # 0 % RA	0. Inten.		
39?	S	2.57	48.	442	S	44.43	829.
50?	S	9.16	171.	443	S	8.09	151.
51?	S	33.17	619.	479	S	1.39	26.
52?	S	1.61	30.				
57?	S	1.77	33.				
69	S	42.50	793.				
74	S	2.47	46.				
75	S	5.04	94.				
76	S	1.45	27.				
77	S	36.87	688.				
78	S	1.71	32.				
81	S	1.66	31.				
93	S	4.13	77.				
98	S	3.16	59.				
99	S	2.84	53.				
107	S	10.61	198.				
110	S	20.63	385.				
111	S	3.59	67.				
117	S	7.34	137.				
127	S	45.44	848.				
128	S	3.80	71.				
129	S	15.33	286.				
141	S	1.34	25.				
167	S	4.34	81.				
179	S	3.48	65.				
186	S	10.08	188.				
187	S	3.22	60.				
196	S	3.00	56.				
198	S	100.00	1866.				
199	S	6.22	116.				
204	S	1.45	27.				
205	S	4.88	91.				
206	S	19.67	367.				
207	S	1.66	31.				
217	S	5.95	111.				
221	S	8.41	157.				
224	S	12.33	230.				
225	S	2.89	54.				
227	S	4.02	75.				
244	S	9.49	177.				
255	S	41.75	779.				
256	S	5.25	98.				
258	S	1.34	25.				
274	S	2.09	39.				
275	S	22.99	429.				
276	S	2.04	38.				
296	S	4.23	79.				
365	S	1.61	30.				
423	S	1.66	31.				
441	S	3.64	68.				

300340

Data Subject To Validation

GC/MS Tuning and Mass Calibration

DECAFLUOROTRIPHENYLPHOSPHINE

Case Number: Laboratory: GULF Contract:
Inst ID: B Sens Date: 02/08/95 Sens Time: 10:21:00
Lab ID: BPO20895J Cali Date: 10/02/91 Analyst: JAM

Data release authorized by: _____

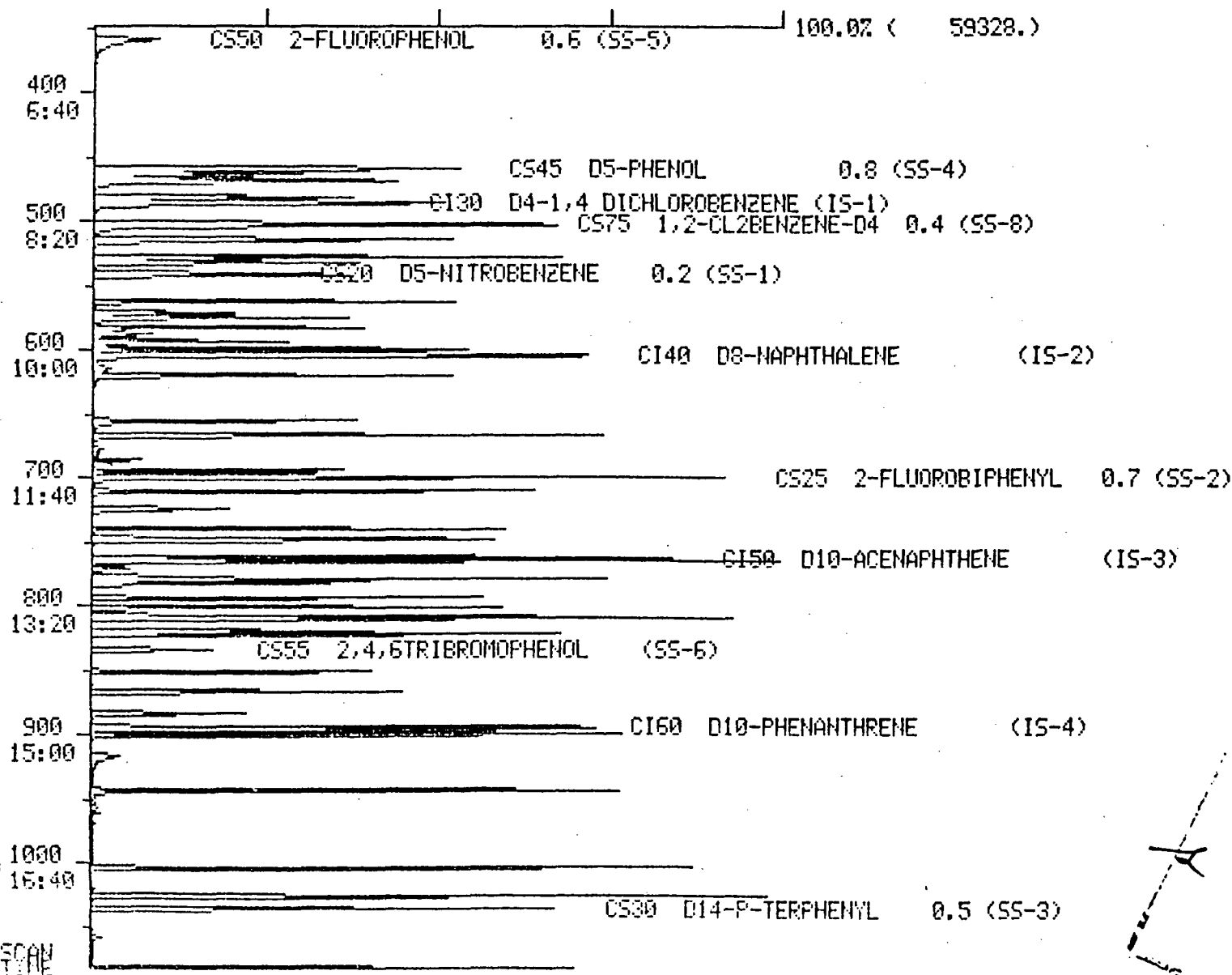
M/E	Ion Abundance Criteria	Spec # 495
===	=====	=====
51	30 to 60% of mass 198	33.17
68	less than 2% of mass 69	0.00 (0.00) 1
69	mass 69 relative abundance	42.50
70	less than 2% of mass 69	0.00 (0.00) 1
127	40 TO 60% of mass 198	45.44
197	less than 1% of mass 198	0.00
198	base peak, 100% relative abundance	100.00
199	5 TO 9% of mass 198	6.22
275	10 TO 30% of mass 198	22.99
365	greater than 1% of mass 198	1.61
441	less than mass 443	3.64
442	greater than 40% of mass 198	44.43
443	17 TO 23% of mass 442	8.09 (18.22) 2

- 1 - value in parenthesis is % of mass 69
2 - value in parenthesis is % of mass 442

300341

Data Subject To Validation

DATA FROM FILE: BS020895B SCANS 348 TO 1083 ACQUIRED: 02/08/95 11:24:00
 CALI: BS020895B #1
 SAMPLE: 55TD050 290-12-SU25
 CONDS.: RTX-5 0.25MM X 30M 1.0UM 45/4-325020 INST B

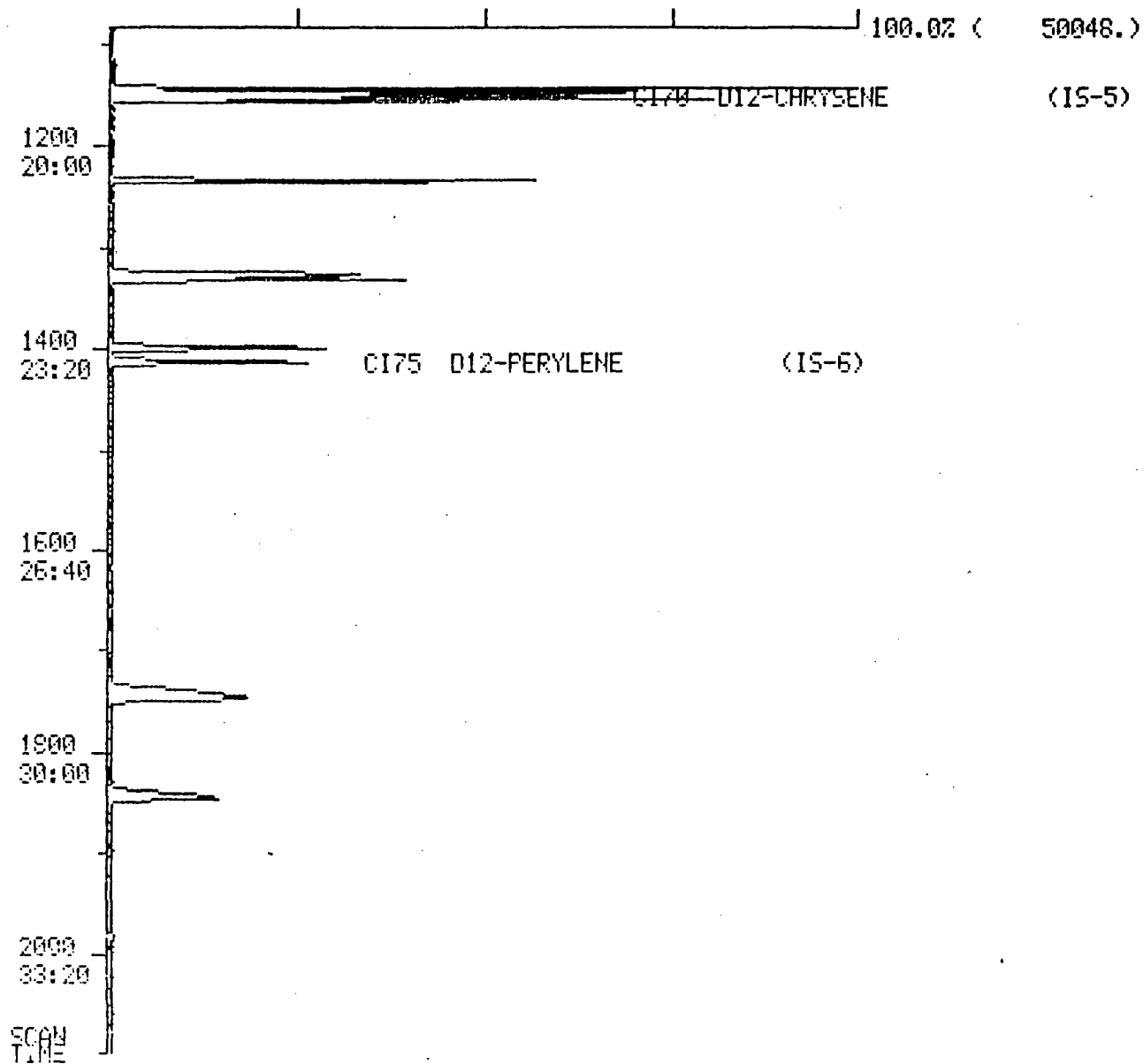


REVIEWED
 FEB 9 1995

Data Subject To Validation

300342

DATA FROM FILE: B5020895B SCANS 1083 TO 2100 ACQUIRED: 02/08/95 11:24:00
CALI: B5020895B #1
SAMPLE: SSTD050 290-12-SU25
CONDS.: RTX-5 0.25MM X 30M 1.0UM 45/4-325020 INST B



Data Subject To Validation
300343

Data: BS020895B.TI

02/08/95 11:24:00

Sample: SSTD050 290-12-SV25

Conds.: RTX-5 0.25MM X 30M 1.0UM 45/4-325@20

Formula: X X X

Instrument: B

INST B

Weight: 1.000

Submitted by:

Analyst: JAM

Acct. No.:

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

Resp. fac. from Library Entry

No	Name
1	CI30 D4-1,4 DICHLOROBENZENE (IS-1)
2	CI40 D8-NAPHTHALENE (IS-2)
3	CI50 D10-ACENAPHTHENE (IS-3)
4	CI60 D10-PHENANTHRENE (IS-4)
5	CI70 D12-CHRYSENE (IS-5)
6	CI75 D12-PERYLENE (IS-6)
7	CS50 2-FLUOROPHENOL 0.6 (SS-5)
8	CS45 D5-PHENOL 0.8 (SS-4)
9	CS20 D5-NITROBENZENE 0.2 (SS-1)
10	CS25 2-FLUOROBIPHENYL 0.7 (SS-2)
11	CS55 2,4,6TRIBROMOPHENOL (SS-6)
12	CS30 D14-P-TERPHENYL 0.5 (SS-3)
13	CS70 2-CHLOROPHENOL-D4 0.8 (SS-7)
14	CS75 1,2-CL2BENZENE-D4 0.4 (SS-8)
15	C315 *PHENOL 0.8
16	C325 BIS(2CHLOROETHYL)E 0.7
17	C330 2CHLOROPHENOL 0.8
18	C335 1,3DICHLOROBENZENE 0.6
19	C340 *1,4DICHLOROBENZENE 0.5 T
20	C320 ANILINE
21	C310 N-NITROSODIMETHYLAMINE
22	C319 PYRIDINE T
23	C345 BENZYL ALCOHOL
24	C350 1,2DICHLOROBENZENE 0.4
25	C355 2METHYLPHENOL 0.7 T
26	C357 2,2'OXYBIS(1CHLOROPR
27	C365 4METHYLPHENOL 0.6 T
28	C370 &NITROSOPROPYLAMINE 0.5
29	C375 HEXACHLOROETHANE 0.3 T
30	C410 NITROBENZENE 0.2 T
31	C415 ISOPHORONE 0.4
32	C420 *2-NITROPHENOL 0.1
33	C425 2,4-DIMETHYLPHENOL 0.2
34	C430 BENZOIC ACID
35	C435 BIS(2CHLOROETHOXY) 0.3
36	C440 *2,4DICHLOROPHENOL 0.2
37	C445 1,2,4TRICHLOROBENZ 0.2
38	C450 NAPHTHALENE 0.7
39	C455 4-CHLOROANILINE
40	C460 *CL6BUTADIENE T
41	C465 *4CHLORO3METHYLPHEN 0.2
42	C470 2METHYLNAPHTHALENE 0.4
43	C510 &CL6CYCLOPENTADIENE
44	C515 *246TRICHLOROPHNEOL 0.2 T
45	C520 2,4,5TRICHLOROPHEN 0.2 T
46	C525 2CHLORONAPHTHALENE 0.8
47	C530 2-NITROANILINE

300344

Data Subject To Validation

No	Name	
48	C535	DIMETHYL PHTHALATE
49	C540	ACENAPHTHYLENE 1.3
50	C545	3-NITROANILINE

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
1	152	483	8:03	1	1.000	A BB	9715.	20.000 PPB	0.95
2	136	602	10:02	2	1.000	A BB	33991.	20.000 PPB	0.95
3	164	761	12:41	3	1.000	A BB	20687.	20.000 PPB	0.95
4	188	893	14:53	4	1.000	A BB	27470.	20.000 PPB	0.95
5	240	1149	19:09	5	1.000	A BB	24279.	20.000 PPB	0.95
6	264	1411	23:31	6	1.000	A BB	21766.	20.000 PPB	0.95
7	112	358	5:58	1	0.741	A BB	11548.	25.000 PPB	1.19
8	99	457	7:37	1	0.946	A BV	16029.	25.000 PPB	1.19
9	82	538	8:58	2	0.894	A BB	11292.	25.000 PPB	1.19
10	172	699	11:39	3	0.919	A BB	26378.	25.000 PPB	1.19
11	330	832	13:52	3	1.093	A BB	3061.	25.000 PPB	1.19
12	244	1035	17:15	5	0.901	A BB	24885.	25.000 PPB	1.19
13	132	466	7:46	1	0.965	A BB	14033.	25.000 PPB	1.19
14	152	501	8:21	1	1.037	A BB	9041.	25.000 PPB	1.19
15	94	458	7:38	1	0.948	A BB	17927.	25.000 PPB	1.19
16	93	462	7:42	1	0.957	A VB	16143.	25.000 PPB	1.19
17	128	467	7:47	1	0.967	A BB	13874.	25.000 PPB	1.19
18	146	479	7:59	1	0.992	A BV	15758.	25.000 PPB	1.19
19	146	484	8:04	1	1.002	A VB	17154.	25.000 PPB	1.19
20	93	457	7:37	1	0.946	A BV	13464.	25.000 PPB	1.19
21	74	179	2:59	1	0.371	A BB	7050.	25.000 PPB	1.19
22	79	178	2:58	1	0.369	A BB	9392.	25.000 PPB	1.19
23	108	500	8:20	1	1.035	A BB	8116.	25.000 PPB	1.19
24	146	502	8:22	1	1.039	A BB	15135.	25.000 PPB	1.19
25	108	512	8:32	1	1.060	A BB	11597.	25.000 PPB	1.19
26	45	513	8:33	1	1.062	A BB	13941.	25.000 PPB	1.19
27	108	526	8:46	1	1.089	A BB	12472.	25.000 PPB	1.19
28	70	526	8:46	1	1.089	A BB	6935.	25.000 PPB	1.19
29	117	530	8:50	1	1.097	A BB	5889.	25.000 PPB	1.19
30	77	540	9:00	2	0.897	A BB	11591.	25.000 PPB	1.19
31	82	561	9:21	2	0.932	A BB	22917.	25.000 PPB	1.19
32	139	569	9:29	2	0.945	A BB	7453.	25.000 PPB	1.19
33	107	573	9:33	2	0.952	A BB	8587.	25.000 PPB	1.19
34	122	586	9:46	2	0.973	A BB	4810.	25.000 PPB	1.19
35	93	581	9:41	2	0.965	A BB	15430.	25.000 PPB	1.19
36	162	591	9:51	2	0.982	A BB	11243.	25.000 PPB	1.19
37	180	598	9:58	2	0.993	A BB	13251.	25.000 PPB	1.19
38	128	604	10:04	2	1.003	A BV	37771.	25.000 PPB	1.19
39	127	613	10:13	2	1.018	A VB	6700.	25.000 PPB	1.19
40	225	618	10:18	2	1.027	A BB	6236.	25.000 PPB	1.19
41	107	654	10:54	2	1.086	A BB	8870.	25.000 PPB	1.19
42	142	665	11:05	2	1.105	A BB	24962.	25.000 PPB	1.19
43	237	684	11:24	3	0.899	A BB	1535.	25.000 PPB	1.19
44	196	693	11:33	3	0.911	A BV	7953.	25.000 PPB	1.19
45	196	698	11:38	3	0.917	A VB	8436.	25.000 PPB	1.19
46	162	709	11:49	3	0.932	A BB	23048.	25.000 PPB	1.19
47	65	723	12:03	3	0.950	A BB	4562.	25.000 PPB	1.19
48	163	738	12:18	3	0.970	A BB	26343.	25.000 PPB	1.19
49	152	747	12:27	3	0.982	A BB	34828.	25.000 PPB	1.19
50	138	761	12:41	3	1.000	A BB	413.	25.000 PPB	1.19

STO QSP
BSQ24895B

300345

Data Subject To Validation

No	Ret(L)	Ratio	RRT(L)	Ratio	Amnt	Amnt(L)	R. Fac	R. Fac(L)	Ratio
1	8:03	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
2	10:02	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
3	12:41	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
4	14:53	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
5	19:09	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
6	23:31	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
7	5:58	1.00	0.741	1.00	25.00	25.00	0.951	0.951	1.00
8	7:37	1.00	0.946	1.00	25.00	25.00	1.320	1.320	1.00
9	8:58	1.00	0.894	1.00	25.00	25.00	0.266	0.266	1.00
10	11:39	1.00	0.919	1.00	25.00	25.00	1.020	1.020	1.00
11	13:52	1.00	1.093	1.00	25.00	25.00	0.118	0.118	1.00
12	17:15	1.00	0.901	1.00	25.00	25.00	0.820	0.820	1.00
13	7:46	1.00	0.965	1.00	25.00	25.00	1.156	1.156	1.00
14	8:21	1.00	1.037	1.00	25.00	25.00	0.744	0.744	1.00
15	7:38	1.00	0.948	1.00	25.00	25.00	1.476	1.476	1.00
16	7:42	1.00	0.957	1.00	25.00	25.00	1.329	1.329	1.00
17	7:47	1.00	0.967	1.00	25.00	25.00	1.142	1.142	1.00
18	7:59	1.00	0.992	1.00	25.00	25.00	1.298	1.298	1.00
19	8:04	1.00	1.002	1.00	25.00	25.00	1.413	1.413	1.00
20	7:37	1.00	0.946	1.00	25.00	25.00	1.109	1.109	1.00
21	2:59	1.00	0.371	1.00	25.00	25.00	0.581	0.581	1.00
22	2:58	1.00	0.369	1.00	25.00	25.00	0.773	0.773	1.00
23	8:20	1.00	1.035	1.00	25.00	25.00	0.668	0.668	1.00
24	8:22	1.00	1.039	1.00	25.00	25.00	1.246	1.246	1.00
25	8:32	1.00	1.060	1.00	25.00	25.00	0.955	0.955	1.00
26	8:33	1.00	1.062	1.00	25.00	25.00	1.148	1.148	1.00
27	8:46	1.00	1.089	1.00	25.00	25.00	1.027	1.027	1.00
28	8:46	1.00	1.089	1.00	25.00	25.00	0.571	0.571	1.00
29	8:50	1.00	1.097	1.00	25.00	25.00	0.485	0.485	1.00
30	9:00	1.00	0.897	1.00	25.00	25.00	0.273	0.273	1.00
31	9:21	1.00	0.932	1.00	25.00	25.00	0.539	0.539	1.00
32	9:29	1.00	0.945	1.00	25.00	25.00	0.175	0.175	1.00
33	9:33	1.00	0.952	1.00	25.00	25.00	0.202	0.202	1.00
34	9:46	1.00	0.973	1.00	25.00	25.00	0.113	0.113	1.00
35	9:41	1.00	0.965	1.00	25.00	25.00	0.363	0.363	1.00
36	9:51	1.00	0.982	1.00	25.00	25.00	0.265	0.265	1.00
37	9:58	1.00	0.993	1.00	25.00	25.00	0.312	0.312	1.00
38	10:04	1.00	1.003	1.00	25.00	25.00	0.889	0.889	1.00
39	10:13	1.00	1.018	1.00	25.00	25.00	0.158	0.158	1.00
40	10:18	1.00	1.027	1.00	25.00	25.00	0.147	0.147	1.00
41	10:54	1.00	1.086	1.00	25.00	25.00	0.209	0.209	1.00
42	11:05	1.00	1.105	1.00	25.00	25.00	0.587	0.587	1.00
43	11:24	1.00	0.899	1.00	25.00	25.00	0.059	0.059	1.00
44	11:33	1.00	0.911	1.00	25.00	25.00	0.308	0.308	1.00
45	11:38	1.00	0.917	1.00	25.00	25.00	0.326	0.326	1.00
46	11:49	1.00	0.932	1.00	25.00	25.00	0.891	0.891	1.00
47	12:03	1.00	0.950	1.00	25.00	25.00	0.176	0.176	1.00
48	12:18	1.00	0.970	1.00	25.00	25.00	1.019	1.019	1.00
49	12:27	1.00	0.982	1.00	25.00	25.00	1.347	1.347	1.00
50	12:41	1.00	1.000	1.00	25.00	25.00	0.016	0.016	1.00

5570050

85020895B

300346

Data Subject To Validation

Data: BS020895B.T1

02/08/95 11:24:00

Sample: SST050 290-12-SV25

Conds.: RTX-5 0.25MM X 30M 1.0UM 45/4-325020

INST B

Formula: X X X

Instrument: B

Weight: 1.000

Submitted by:

Analyst: JAM

Acct. No.:

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

Resp. fac. from Library Entry

No	Name	
51	C550 *ACENAPHTHENE	0.8
52	C321 2,3,4,6-TETRACHLOROPHENOL	
53	C555 &2,4DINITROPHENOL	
54	C560 &4NITROPHENOL	
55	C565 DIBENZOFURAN	0.8
56	C570 2,4DINITROTOLUENE	0.2 T
57	C543 2,6DINITROTOLUENE	0.2
58	C580 DIETHYL PHTHALATE	
59	C585 4CHLOROPHENYL PHEN	0.4
60	C590 FLUORENE	0.9
61	C595 4-NITROANILINE	
62	C610 4,6DINITRO2METHYLPH	
63	C615 *DIPHENYLAMINE	
64	C625 4BROMOPHENYL PHENY	0.1
65	C630 CL6BENZENE	0.1 T
66	C635 *PENTACHLOROPHENOL	0.05 T
67	C640 PHENANTHRENE	0.7
68	C645 ANTHRACENE	0.7
69	C650 DI-NBUTYLPHTHALATE	
70	C655 *FLUORANTHENE	0.6
71	D200 1,2-DIPHENYLHYDRAZINE	
72	C647 CARBAZOLE	
73	C715 PYRENE	0.6
74	C720 BUTYLBENZYLPHTHALATE	
75	C725 3,3'-CL2BENZIDINE	
76	C730 BENZO(A)ANTHRACENE	0.8
77	C740 BIS(2ETHYLHEXYL)PHTH	
78	C735 CHRYSENE	0.7
79	C760 *DI-N-OCTYLPHTHALATE	
80	C765 BENZO(B)FLUORANTHE	0.7
81	C770 BENZO(K)FLUORANTHE	0.7
82	C775 *BENZO(A)PYRENE	0.7
83	C780 INDENO(1,2,3CD)PYR	0.5
84	C785 DIBENZO(A,H)ANTHRA	0.4
85	C790 BENZO(G,H,I)PERYLE	0.5

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
51	153	764	12:44	3	1.004	A BB	21489.	25.000 PPB	1.19
52	232	793	13:13	3	1.042	A BB	8026.	25.000 PPB	1.19
53	184	768	12:48	3	1.009	A BB	2423.	25.000 PPB	1.19
54	109	775	12:55	3	1.018	A BB	1704.	25.000 PPB	1.19
55	168	778	12:58	3	1.022	A BB	33046.	25.000 PPB	1.19
56	165	781	13:01	3	1.026	A BB	8310.	25.000 PPB	1.19
57	165	746	12:26	3	0.980	A BB	6876.	25.000 PPB	1.19
58	149	800	13:20	3	1.051	A BB	23687.	25.000 PPB	1.19

300347

Data Subject To Validation

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
59	204	807	13:27	3	1.060	A BB	13104.	25.000 PPB	1.19
60	166	809	13:29	3	1.063	A BB	25696.	25.000 PPB	1.19
61	138	818	13:38	3	1.075	A BB	1483.	25.000 PPB	1.19
62	198	818	13:38	4	0.916	A BB	4235.	25.000 PPB	1.19
63	169	818	13:38	4	0.916	A BB	9876.	25.000 PPB	1.19
64	248	850	14:10	4	0.952	A BB	7132.	25.000 PPB	1.19
65	284	865	14:25	4	0.969	A BB	7579.	25.000 PPB	1.19
66	266	881	14:41	4	0.987	A BB	3960.	25.000 PPB	1.19
67	178	895	14:55	4	1.002	A BV	34059.	25.000 PPB	1.19
68	178	899	14:59	4	1.007	A VB	34251.	25.000 PPB	1.19
69	149	943	15:43	4	1.056	A BB	47503.	25.000 PPB	1.19
70	202	1003	16:43	4	1.123	A BB	39279.	25.000 PPB	1.19
71	77	821	13:41	4	0.919	A BB	25116.	25.000 PPB	1.19
72	167	914	15:14	4	1.024	A BB	7881.	25.000 PPB	1.19
73	202	1025	17:05	5	0.892	A BB	43158.	25.000 PPB	1.19
74	149	1081	18:01	5	0.941	A BB	20631.	25.000 PPB	1.19
75	252	1143	19:03	5	0.995	A BB	5211.	25.000 PPB	1.19
76	228	1147	19:07	5	0.998	A BV	33352.	25.000 PPB	1.19
77	149	1142	19:02	5	0.994	A BB	29110.	25.000 PPB	1.19
78	228	1153	19:13	5	1.003	A VB	30488.	25.000 PPB	1.19
79	149	1232	20:32	6	0.873	A BB	44053.	25.000 PPB	1.19
80	252	1325	22:05	6	0.939	A BV	29609.	25.000 PPB	1.19
81	252	1329	22:09	6	0.942	A VB	24792.	25.000 PPB	1.19
82	252	1397	23:17	6	0.990	A BB	24934.	25.000 PPB	1.19
83	276	1740	29:00	6	1.233	A BB	24304.	25.000 PPB	1.19
84	278	1745	29:05	6	1.237	A BB	19579.	25.000 PPB	1.19
85	276	1843	30:43	6	1.306	A BB	21086.	25.000 PPB	1.19

No	Ret(L)	Ratio	RRT(L)	Ratio	Amnt	Amnt(L)	R. Fac	R. Fac(L)	Ratio
51	12:44	1.00	1.004	1.00	25.00	25.00	0.831	0.831	1.00
52	13:13	1.00	1.042	1.00	25.00	25.00	0.310	0.310	1.00
53	12:48	1.00	1.009	1.00	25.00	25.00	0.094	0.094	1.00
54	12:55	1.00	1.018	1.00	25.00	25.00	0.066	0.066	1.00
55	12:58	1.00	1.022	1.00	25.00	25.00	1.278	1.278	1.00
56	13:01	1.00	1.026	1.00	25.00	25.00	0.321	0.321	1.00
57	12:26	1.00	0.980	1.00	25.00	25.00	0.266	0.266	1.00
58	13:20	1.00	1.051	1.00	25.00	25.00	0.916	0.916	1.00
59	13:27	1.00	1.060	1.00	25.00	25.00	0.507	0.507	1.00
60	13:29	1.00	1.063	1.00	25.00	25.00	0.994	0.994	1.00
61	13:38	1.00	1.075	1.00	25.00	25.00	0.057	0.057	1.00
62	13:38	1.00	0.916	1.00	25.00	25.00	0.123	0.123	1.00
63	13:38	1.00	0.916	1.00	25.00	25.00	0.288	0.288	1.00
64	14:10	1.00	0.952	1.00	25.00	25.00	0.208	0.208	1.00
65	14:25	1.00	0.969	1.00	25.00	25.00	0.221	0.221	1.00
66	14:41	1.00	0.987	1.00	25.00	25.00	0.115	0.115	1.00
67	14:55	1.00	1.002	1.00	25.00	25.00	0.992	0.992	1.00
68	14:59	1.00	1.007	1.00	25.00	25.00	0.997	0.997	1.00
69	15:43	1.00	1.056	1.00	25.00	25.00	1.383	1.383	1.00
70	16:43	1.00	1.123	1.00	25.00	25.00	1.144	1.144	1.00
71	13:41	1.00	0.919	1.00	25.00	25.00	0.731	0.731	1.00
72	15:14	1.00	1.024	1.00	25.00	25.00	0.230	0.230	1.00
73	17:05	1.00	0.892	1.00	25.00	25.00	1.422	1.422	1.00
74	18:01	1.00	0.941	1.00	25.00	25.00	0.680	0.680	1.00
75	19:03	1.00	0.995	1.00	25.00	25.00	0.172	0.172	1.00
76	19:07	1.00	0.998	1.00	25.00	25.00	1.099	1.099	1.00
77	19:02	1.00	0.994	1.00	25.00	25.00	0.959	0.959	1.00

5570054

BSQ208958

300348

Data Subject To Validation

No	Ret(L)	Ratio	RRT(L)	Ratio	Amnt	Amnt(L)	R. Fac	R. Fac(L)	Ratio
78	19:13	1.00	1.003	1.00	25.00	25.00	1.005	1.005	1.00
79	20:32	1.00	0.873	1.00	25.00	25.00	1.619	1.619	1.00
80	22:05	1.00	0.939	1.00	25.00	25.00	1.088	1.088	1.00
81	22:09	1.00	0.942	1.00	25.00	25.00	0.911	0.911	1.00
82	23:17	1.00	0.990	1.00	25.00	25.00	0.916	0.916	1.00
83	29:00	1.00	1.233	1.00	25.00	25.00	0.893	0.893	1.00
84	29:05	1.00	1.237	1.00	25.00	25.00	0.720	0.720	1.00
85	30:43	1.00	1.306	1.00	25.00	25.00	0.775	0.775	1.00

SST0050
BS0208958

300349

Data Subject To Validation
Data Subject To Validation

Calibration Check

Instrument Identifier: B

Calibration Date: 11/09/94

Standard File: BS020895B

Date: 02/08/95 Time: 11:24:00

MIN RF: SW(&) = .05 ✓ CLP = .01 OR BELOW

MAX %D: SW(*) = 30% ✓ CLP = 25%

Compound	Mean RF(I)	RF(O)	% D
CS50 2-FLUOROPHENOL	0.6 0.996	0.951	4.516
CS45 D5-PHENOL	0.8 1.309	1.320	0.857
CS20 D5-NITROBENZENE	0.2 0.294	0.266	9.541
CS25 2-FLUOROBIPHENYL	0.7 1.089	1.021	6.253
CS55 2,4,6-TRIBROMOPHENOL	0.117	0.119	1.182
CS30 D14-P-TERPHENYL	0.5 0.841	0.820	2.499
CS70 2-CHLOROPHENOL-D4	0.8 1.095	1.156	5.584
CS75 1,2-CL2BENZENE-D4	0.4 0.725	0.745	2.827
C315 *PHENOL	0.8 1.593	1.477	7.288 ✓
C325 BIS(2CHLOROETHYL)E	0.7 1.384	1.330	3.936 ✓
C330 2CHLOROPHENOL	0.8 1.118	1.143	2.244
C335 1,3DICHLOROBEZENE	0.6 1.234	1.298	5.175
C340 *1,4DICHLOROBEZENE	0.5 1.251	1.413	12.999 ✓
C320 ANILINE	1.393	1.109	20.345
C310 N-NITROSODIMETHYLAMINE	0.621	0.581	6.438
C319 PYRIDINE	0.918	0.774	15.698
C345 BENZYL ALCOHOL	0.581	0.669	15.130
C350 1,2DICHLOROBEZENE	0.4 1.143	1.247	9.122
C355 2METHYLPHENOL	0.7 1.035	0.955	7.645
C357 2,2'OXYBIS(1CHLOROPR	1.301	1.148	11.719
C365 4METHYLPHENOL	0.6 1.056	1.028	2.657
C370 &NITROSOPROPYLAMINE	0.5 0.614	0.572 ✓	6.962
C375 HEXACHLOROETHANE	0.3 0.454	0.485	6.978
C410 NITROBENZENE	0.2 0.294	0.273	7.179
C415 ISOPHORONE	0.4 0.575	0.540	6.153
C420 *2-NITROPHENOL	0.1 0.176	0.176	0.071 ✓
C425 2,4-DIMETHYLPHENOL	0.2 0.225	0.203	9.922
C430 BENZOIC ACID	0.140	0.114	18.788
C435 BIS(2CHLOROETHOXY)	0.3 0.388	0.364	6.286
C440 *2,4DICHLOROPHENOL	0.2 0.256	0.265	3.392 ✓
C445 1,2,4TRICHLOROBENZ	0.2 0.273	0.312	14.461
C450 NAPHTHALENE	0.7 0.857	0.889	3.837
C455 4-CHLOROANILINE	0.323	0.158	51.044
C460 *CL6BUTADIENE	0.127	0.147	16.002 ✓
C465 *4CHLORO3METHYLPHEN	0.2 0.237	0.209	11.646 ✓
C470 2METHYLNAPHTHALENE	0.4 0.583	0.588	0.848
C510 &CL6CYCLOPENTADIENE	0.286	0.060 ✓	79.054
C515 *246TRICHLOROPHNEOL	0.2 0.329	0.308	6.431 ✓
C520 2,4,5TRICHLOROPHEN	0.2 0.356	0.327	8.295
C525 2CHLORONAPHTHALENE	0.8 1.022	0.892	12.700
C530 2-NITROANILINE	0.271	0.177	34.727
C535 DIMETHYL PHTHALATE	1.111	1.019	8.274
C540 ACENAPHTHYLENE	1.3 1.558	1.347	13.498
C545 3-NITROANILINE	0.148	0.016	88.884
C550 *ACENAPHTHENE	0.8 0.916	0.832	9.263 ✓
C321 2,3,4,6-TETRACHLOROPHE	0.302	0.311	2.976
C555 &2,4DINITROPHENOL	0.148	0.094 ✓	36.201

300350

Data Subject To Validation

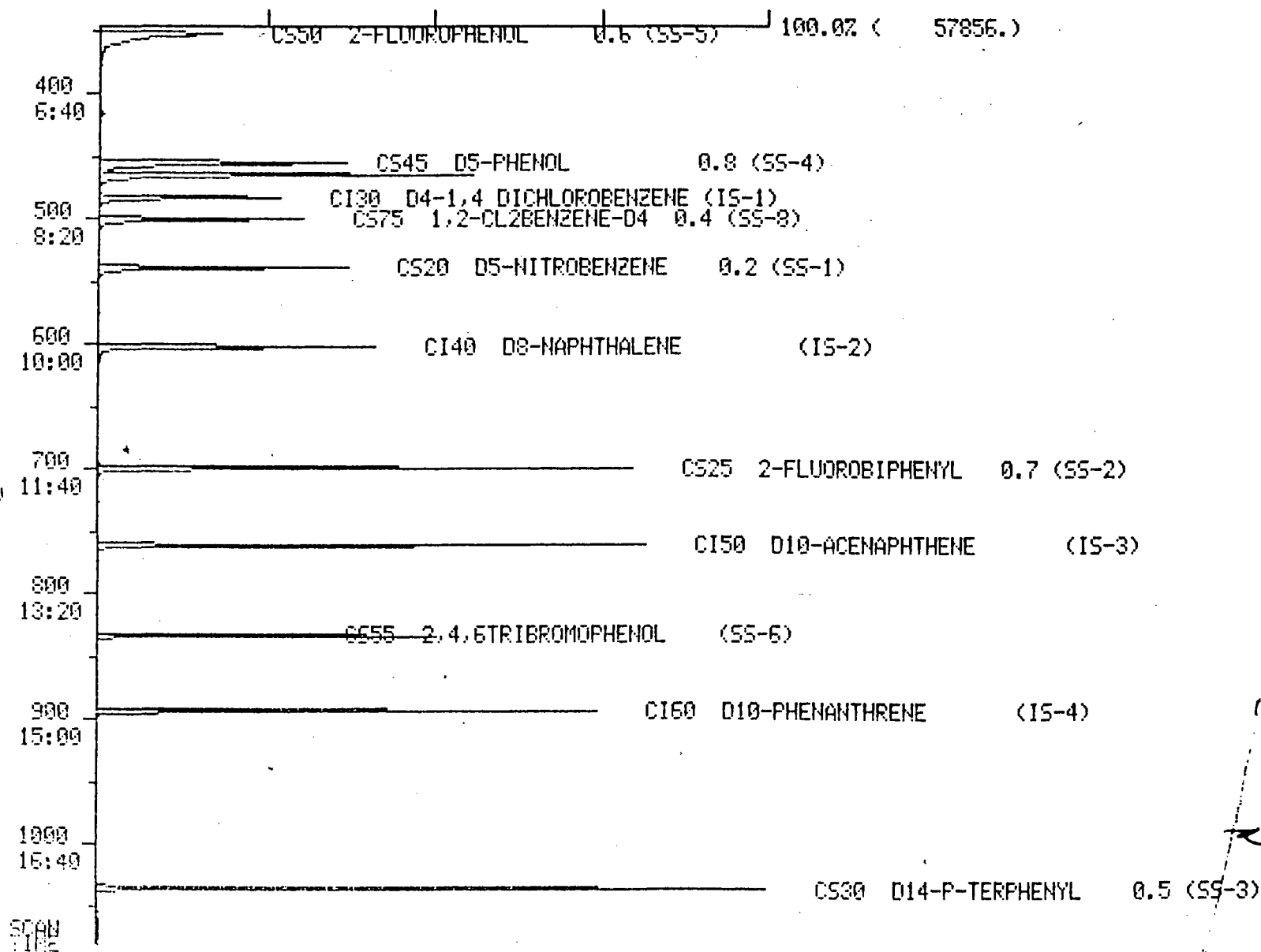
C560	4-NITROPHENOL		0.084	0.066 ✓	20.787
C565	DIBENZOFURAN	0.8	1.322	1.278	3.272
C570	2,4-DINITROTOLUENE	0.2	0.360	0.322	10.490
C543	2,6-DINITROTOLUENE	0.2	0.296	0.266	10.096
C580	DIETHYL PHTHALATE		1.062	0.917	13.661
C585	4-CHLOROPHENYL PHEN	0.4	0.520	0.507	2.448
C590	FLUORENE	0.9	1.097	0.994	9.378
C595	4-NITROANILINE		0.124	0.058	53.291
C610	4,6-DINITRO-2-METHYLPH		0.136	0.124	8.922
C615	*DIPHENYLAMINE		0.393	0.288	26.605 ✓
C625	4-BROMOPHENYL PHENY	0.1	0.183	0.208	14.066
C630	CL6-BENZENE	0.1	0.185	0.221	19.583
C635	*PENTACHLOROPHENOL	0.05	0.133	0.116	12.895 ✓
C640	PHENANTHRENE	0.7	1.012	0.992	1.913
C645	ANTHRACENE	0.7	1.021	0.998	2.287
C650	DI-N-BUTYLPHTHALATE		1.245	1.384	11.116
C655	*FLUORANTHENE	0.6	0.987	1.144	15.945 ✓
D200	1,2-DIPHENYLHYDRAZINE		0.813	0.732	9.931
C647	CARBAZOLE		0.591	0.230	61.097
C715	PYRENE	0.6	1.440	1.423	1.187
C720	BUTYLBENZYLPHTHALATE		0.714	0.680	4.765
C725	3,3'-CL2BENZIDINE		0.135	0.172	27.709
C730	BENZO(A)ANTHRACENE	0.8	1.107	1.099	0.657
C740	BIS(2-ETHYLHEXYL)PHTH		0.978	0.960	1.899
C735	CHRYSENE	0.7	1.007	1.005	0.227
C760	*DI-N-OCTYLPHTHALATE		1.555	1.620	4.131 ✓
C765	BENZO(B)FLUORANTHENE	0.7	1.079	1.089	0.914
C770	BENZO(K)FLUORANTHENE	0.7	0.909	0.912	0.263
C775	*BENZO(A)PYRENE	0.7	0.917	0.917	0.054 ✓
C780	INDENO(1,2,3-CD)PYR	0.5	0.920	0.894	2.818
C785	DIBENZO(A,H)ANTHRA	0.4	0.713	0.720	0.948
C790	BENZO(G,H,I)PERYLE	0.5	0.765	0.776	1.409

Continued
BS629895B

300351

Data Subject To Validation

DATA FROM FILE: SU12098WB2 SCANS 346 TO 1081 ACQUIRED: 02/08/95 12:06:00
CALI: SU12098WB2 #1
SAMPLE: SBLKW WATER-12098WB2
CONDS.: RTX-5 0.25MM X 30M 1.0UM 45/4-325020 INST B



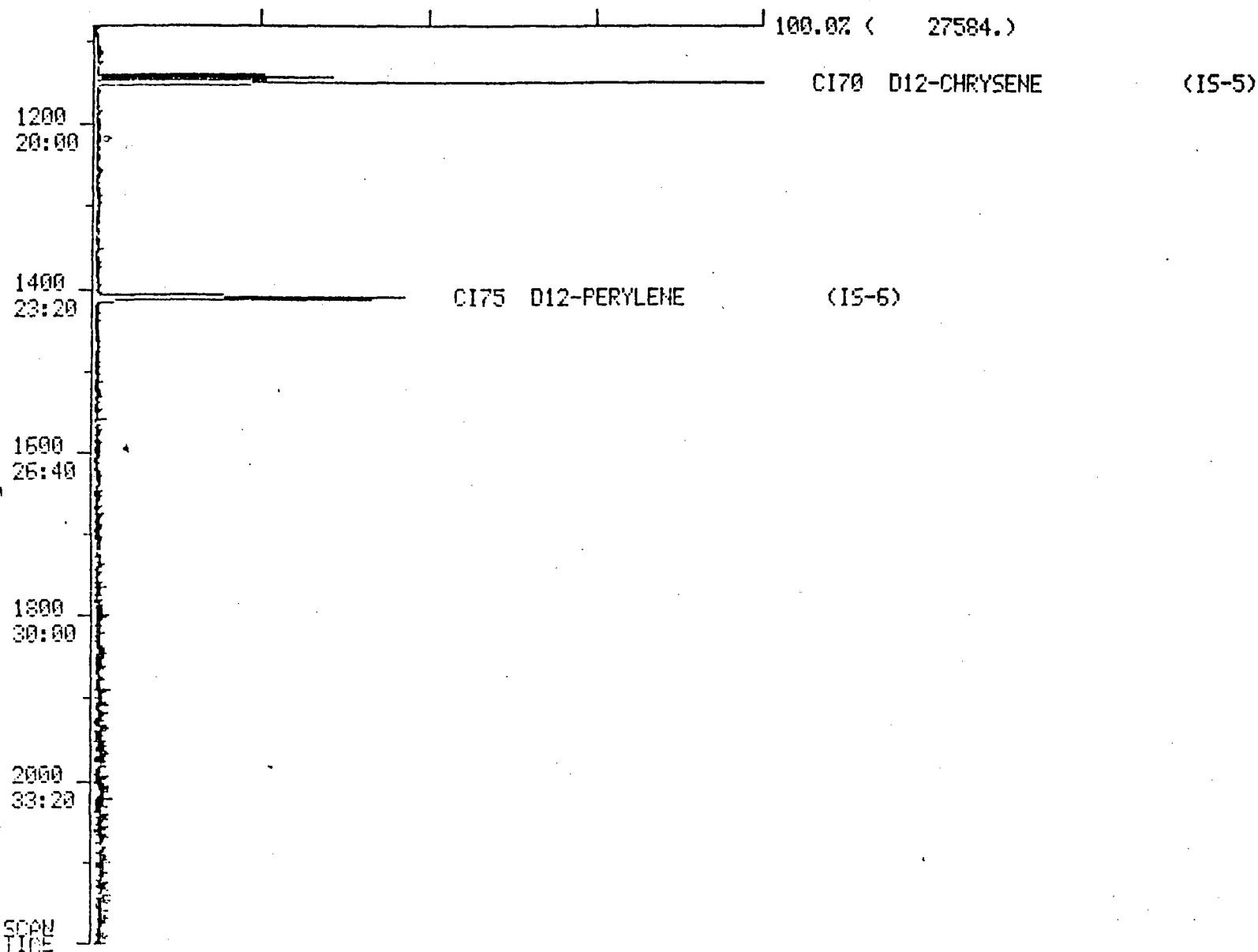
Data Subject To Validation

300352

REVIEWED
FEB 9 1995

DATA FROM FILE: SU12098WB2 SCANS 1081 TO 2200 ACQUIRED: 02/08/95 12:06:00
CALI: SU12098WB2 #1

SAMPLE: SBLKW WATER-12098WB2
COND.: RTX-5 0.25MM X 30M 1.0UM 45/4-325020 INST B



Data Subject To Validation
300353

Data: SV12098WB2.TI

02/08/95 12:06:00

Sample: SBLKW WATER-12098WB2

Conds.: RTX-5 0.25MM X 30M 1.0UM 45/4-325E20 INST B

Formula: X X X Instrument: B

Weight: 1.000

Submitted by: Analyst: JAM

Acct. No.: 12098

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

Resp. fac. from Library Entry

No	Name
1	CI30 D4-1,4 DICHLOROBENZENE (IS-1)
2	CI40 DB-NAPHTHALENE (IS-2)
3	CI50 D10-ACENAPHTHENE (IS-3)
4	CI60 D10-PHENANTHRENE (IS-4)
5	CI70 D12-CHRYSENE (IS-5)
6	CI75 D12-PERYLENE (IS-6)
7	CS50 2-FLUOROPHENOL 0.6 (SS-5)
8	CS45 D5-PHENOL 0.8 (SS-4)
9	CS20 D5-NITROBENZENE 0.2 (SS-1)
10	CS25 2-FLUOROBIPHENYL 0.7 (SS-2)
11	CS55 2,4,6TRIBROMOPHENOL (SS-6)
12	CS30 D14-P-TERPHENYL 0.5 (SS-3)
13	CS70 2-CHLOROPHENOL-D4 0.8 (SS-7)
14	CS75 1,2-CL2BENZENE-D4 0.4 (SS-8)
15	C740 BIS(2ETHYLHEXYL)PHTH

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
1	152	481	8:01	1	1.000	A BB	7994.	20.000 PPB	4.20
2	136	601	10:01	2	1.000	A BB	29932.	20.000 PPB	4.20
3	164	760	12:40	3	1.000	A BB	19243.	20.000 PPB	4.20
4	188	892	14:52	4	1.000	A BB	25386.	20.000 PPB	4.20
5	240	1148	19:08	5	1.000	A BB	20434.	20.000 PPB	4.20
6	264	1410	23:30	6	1.000	A BB	20836.	20.000 PPB	4.20
7	112	351	5:51	1	0.730	A BB	18861.	49.623 PPB	10.43
8	99	453	7:33	1	0.942	A BB	29176.	55.302 PPB	11.62
9	82	537	8:57	2	0.894	A BB	14996.	37.703 PPB	7.92
10	172	698	11:38	3	0.918	A BB	28764.	29.307 PPB	6.16
11	330	831	13:51	3	1.093	A BB	5875.	51.583 PPB	10.84
12	244	1035	17:15	5	0.902	A BB	37113.	44.300 PPB	9.31
13	132	463	7:43	1	0.963	A BB	25181.	54.518 PPB	11.46
14	152	499	8:19	1	1.037	A BB	7916.	26.602 PPB	5.59
15	149	1141	19:01	5	0.994	A BB	6721.	6.858 PPB	1.44

No	Ret(L)	Ratio	RRT(L)	Ratio	Amnt	Amnt(L)	R. Fac	R. Fac(L)	Ratio
1	8:03	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
2	10:02	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
3	12:41	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
4	14:53	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
5	19:09	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
6	23:31	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
7	5:58	0.98	0.741	0.98	49.62	25.00	1.888	0.951	1.98
8	7:37	0.99	0.946	1.00	55.30	25.00	2.920	1.320	2.21
9	8:58	1.00	0.894	1.00	37.70	25.00	0.401	0.266	1.51

Data Subject To Validation

300354

No	Ret(L)	Ratio	RRT(L)	Ratio	Amnt	Amnt(L)	R. Fac	R. Fac(L)	Ratio
10	11:39	1.00	0.919	1.00	29.31	25.00	1.196	1.020	1.17
11	13:52	1.00	1.093	1.00	51.58	25.00	0.244	0.118	2.06
12	17:15	1.00	0.901	1.00	44.30	25.00	1.453	0.820	1.77
13	7:46	0.99	0.965	1.00	54.52	25.00	2.520	1.156	2.18
14	8:21	1.00	1.037	1.00	26.60	25.00	0.792	0.744	1.06
15	19:02	1.00	0.994	1.00	6.86	25.00	0.263	0.959	0.27

300355

Data Subject To Validation

TARGET COMPOUND COMPARISON

COMPOUND: C740 BIS(2ETHYLHEXYL)PHTH

RAW DATA: SU12098WB2 #1141

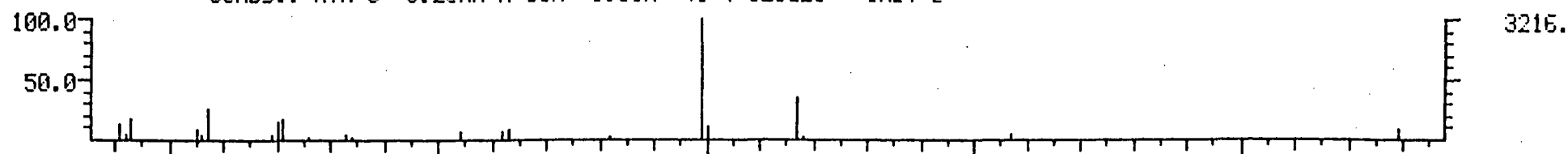
BASE M/Z: 149

RIC: 9856.

02/08/95 12:06

SAMPLE: SBLKW WATER-12098WB2

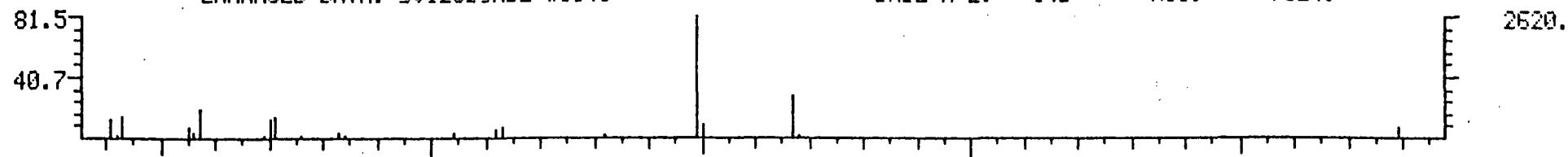
CONDS.: RTX-5 0.25MM X 30M 1.0UM 45/4-325@20 INST B



ENHANCED DATA: SU12098WB2 #1141

BASE M/Z: 149

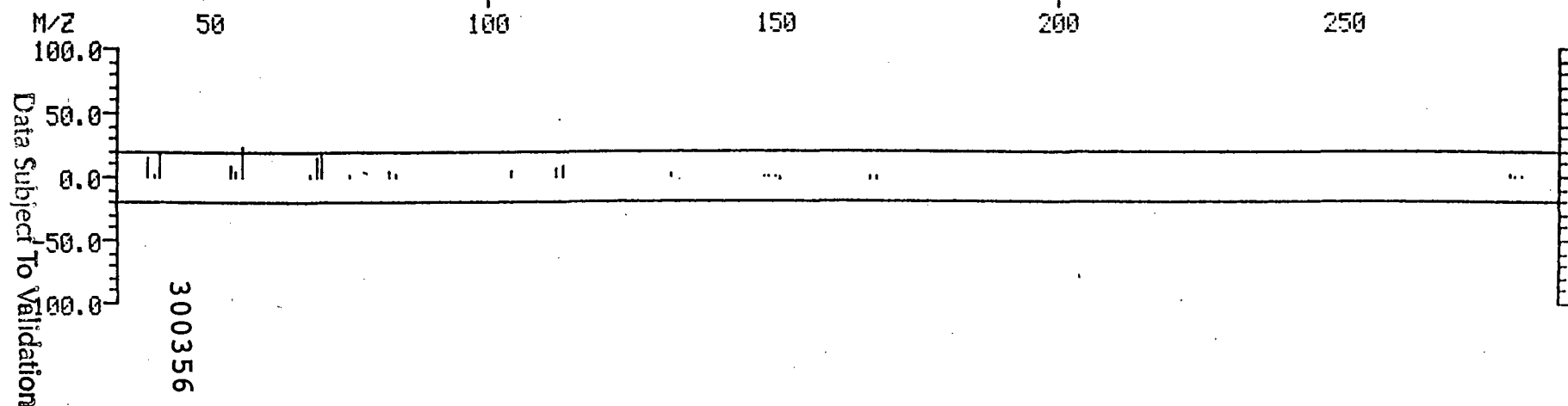
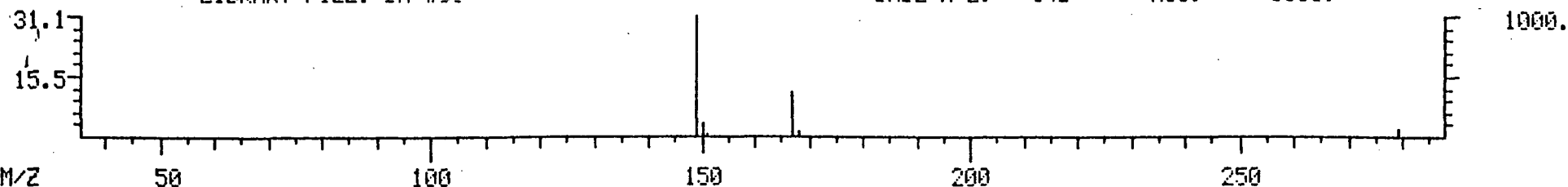
RIC: 7624.



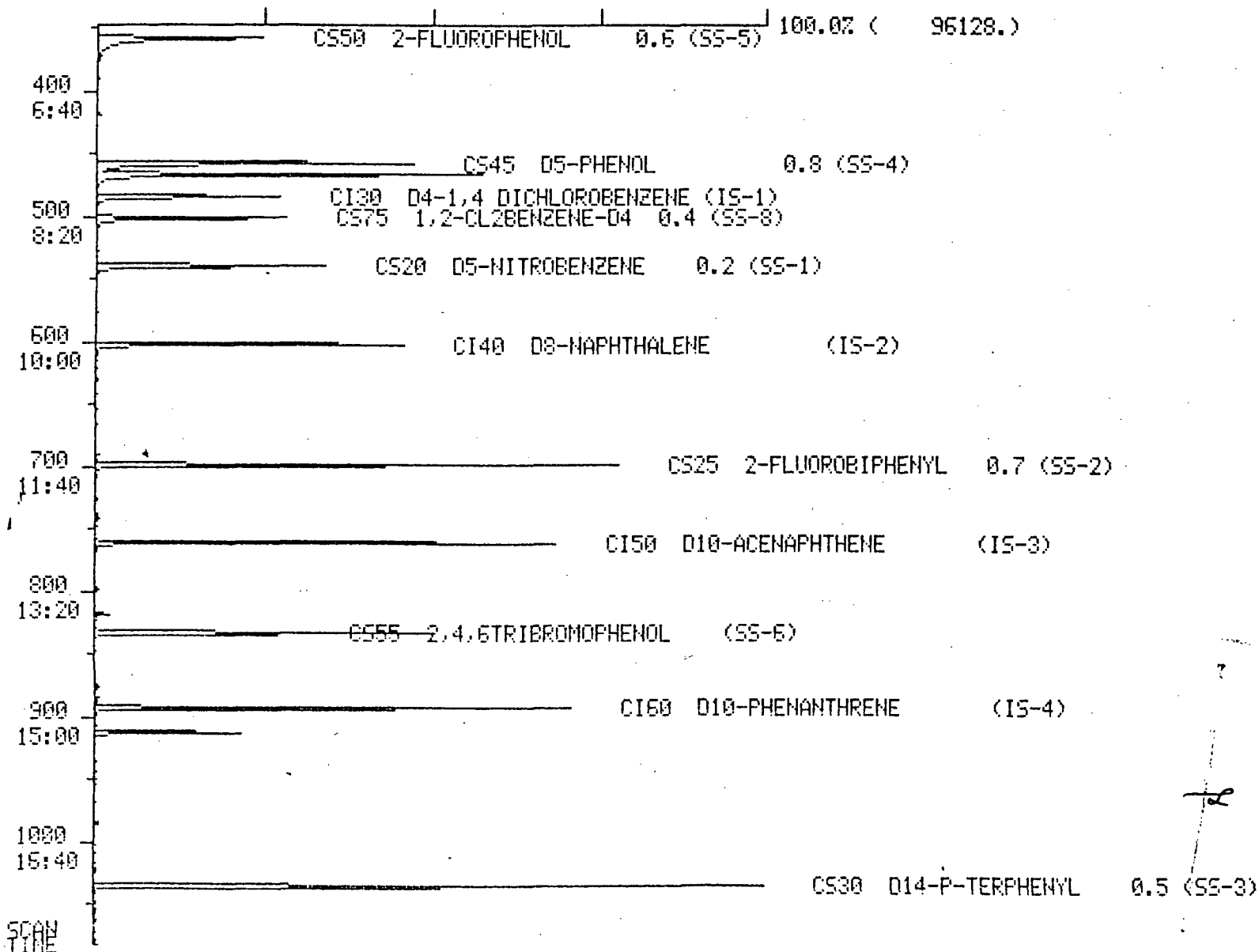
* LIBRARY FILE: SN #56

BASE M/Z: 149

RIC: 1586.



DATA FROM FILE: SUVSI01 SCANS 347 TO 1082 ACQUIRED: 02/08/95 13:32:00
 CALI: SUVSI01 #1
 SAMPLE: RB50/012595 WATER HLA
 CONDS.: RTX-5 0.25MM X 30M 1.0UM 45/4-325020 INST B



Data Subject To 2000051

49E00E

REVIEWED
 FEB 9 1995

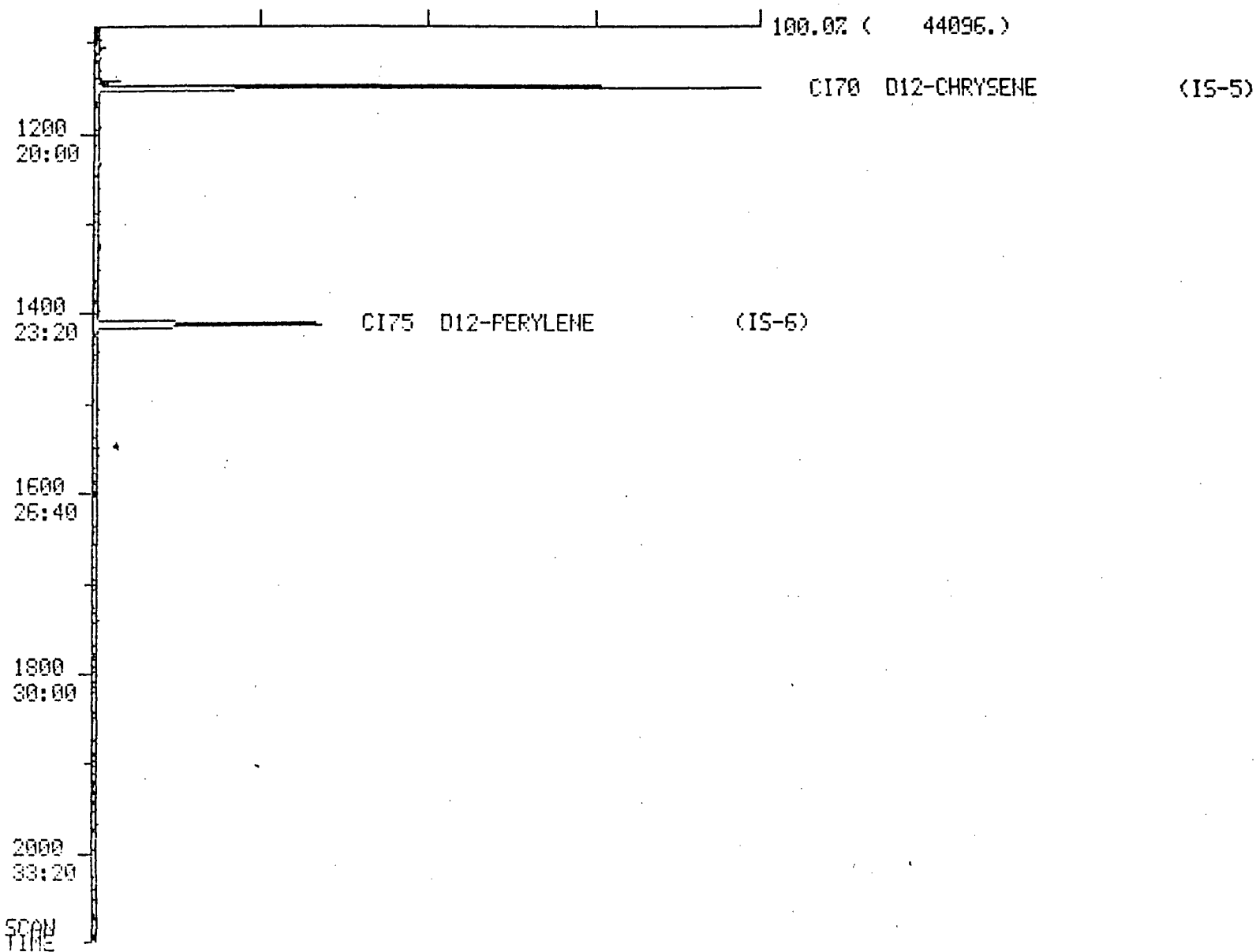
DATA FROM FILE: SUUSI01

SCANS 1082 TO 2100 ACQUIRED: 02/08/95 13:32:00

CALI: SUUSI01 #1

SAMPLE: RBS0/012595 WATER HLA

CONDS.: RTX-5 0.25MM X 30M 1.0UM 45/4-325020 INST B



Data Subject To Validation

300358

Quantitation Report File: SVVSI01

Data: SVVSI01.TI
02/08/95 13:32:00Sample: RBS0/012595 WATER HLA
Conds.: RTX-5 0.25MM X 30M 1.0UM 45/4-325e20 INST B
Formula: X X X Instrument: B Weight: 1.000
Submitted by: Analyst: JAM Acct. No.: 12098AMOUNT=AREA * REF AMNT/(REF AREA * RESP FACT)
Resp. fac. from Library Entry

No	Name
1	CI30 D4-1,4 DICHLOROBENZENE (IS-1)
2	CI40 D8-NAPHTHALENE (IS-2)
3	CI50 D10-ACENAPHTHENE (IS-3)
4	CI60 D10-PHENANTHRENE (IS-4)
5	CI70 D12-CHRYSENE (IS-5)
6	CI75 D12-PERYLENE (IS-6)
7	CS50 2-FLUOROPHENOL 0.6 (SS-5)
8	CS45 D5-PHENOL 0.8 (SS-4)
9	CS20 D5-NITROBENZENE 0.2 (SS-1)
10	CS25 2-FLUOROBIPHENYL 0.7 (SS-2)
11	CS55 2,4,6-TRIBROMOPHENOL (SS-6)
12	CS30 D14-P-TERPHENYL 0.5 (SS-3)
13	CS70 2-CHLOROPHENOL-D4 0.8 (SS-7)
14	CS75 1,2-CL2BENZENE-D4 0.4 (SS-8)

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
1	152	482	8:02	1	1.000	A BB	11307.	20.000 PPB	4.20
2	136	601	10:01	2	1.000	A BB	43515.	20.000 PPB	4.20
3	164	760	12:40	3	1.000	A BB	28751.	20.000 PPB	4.20
4	188	892	14:52	4	1.000	A BB	40184.	20.000 PPB	4.20
5	240	1148	19:08	5	1.000	A BB	32031.	20.000 PPB	4.20
6	264	1410	23:30	6	1.000	A BB	25474.	20.000 PPB	4.20
7	112	357	5:57	1	0.741	A BB	26734.	49.727 PPB	10.44
8	99	456	7:36	1	0.946	A BB	41999.	56.282 PPB	11.81
9	82	538	8:58	2	0.895	A BB	22474.	38.866 PPB	8.16
10	172	698	11:38	3	0.918	A BB	43130.	29.412 PPB	6.17
11	330	831	13:51	3	1.093	A BB	9212.	54.135 PPB	11.36
12	244	1035	17:15	5	0.902	A BB	60506.	46.074 PPB	9.67
13	132	465	7:45	1	0.965	A BB	36459.	55.807 PPB	11.71
14	152	500	8:20	1	1.037	A BB	11031.	26.208 PPB	5.50

No	Ret(L)	Ratio	RRT(L)	Ratio	Amnt	Amnt(L)	R. Fac	R. Fac(L)	Ratio
1	8:03	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
2	10:02	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
3	12:41	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
4	14:53	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
5	19:09	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
6	23:31	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
7	5:58	1.00	0.741	1.00	49.73	25.00	1.892	0.951	1.99
8	7:37	1.00	0.946	1.00	56.28	25.00	2.972	1.320	2.25
9	8:58	1.00	0.894	1.00	38.87	25.00	0.413	0.266	1.55
10	11:39	1.00	0.919	1.00	29.41	25.00	1.200	1.020	1.18
11	13:52	1.00	1.093	1.00	54.13	25.00	0.256	0.118	2.17

300359

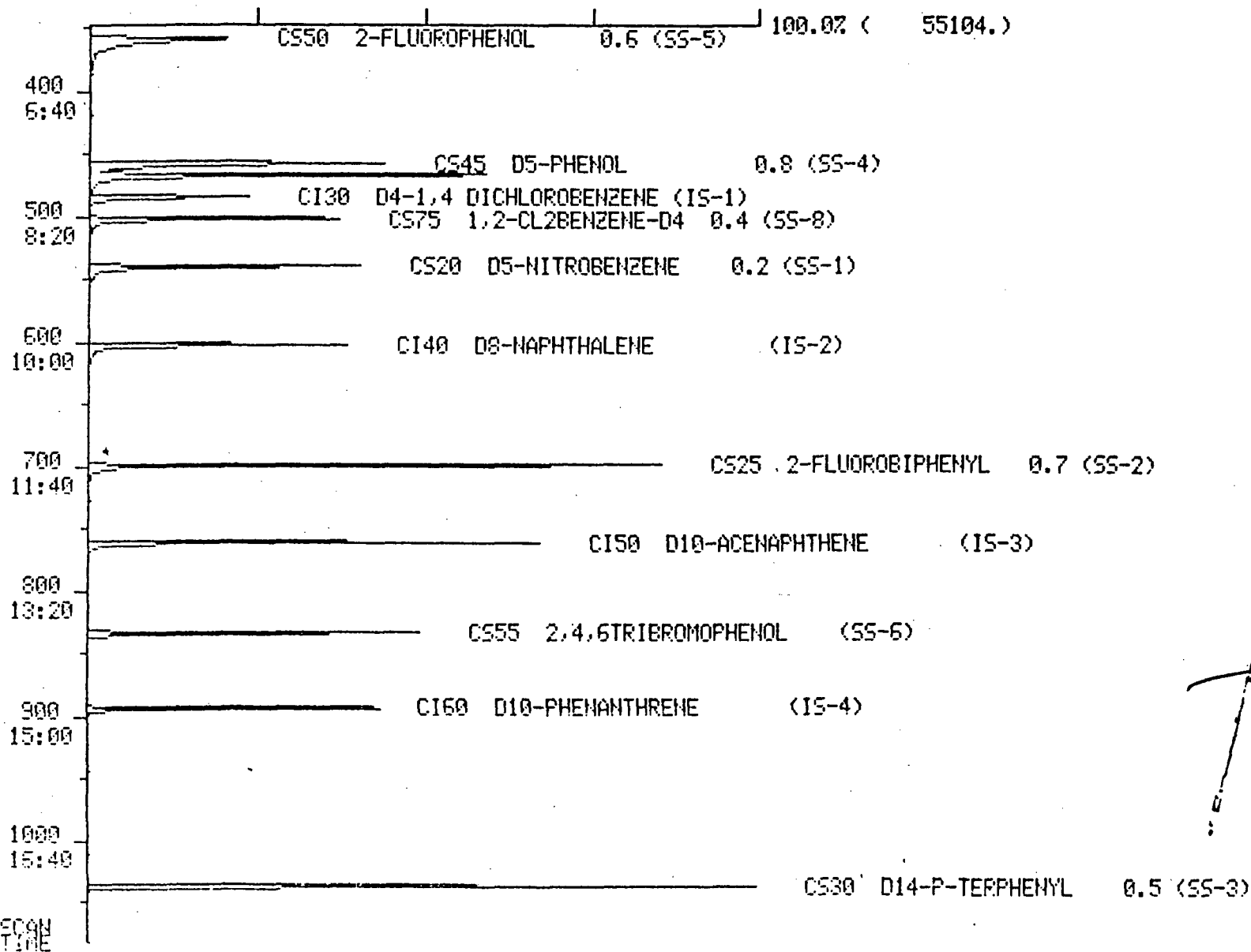
Data Subject To Validation

No	Ret(L)	Ratio	RRT(L)	Ratio	Amnt	Amnt(L)	R. Fac	R. Fac(L)	Ratio
12	17:15	1.00	0.901	1.00	46.07	25.00	1.511	0.820	1.84
13	7:46	1.00	0.965	1.00	55.81	25.00	2.580	1.156	2.23
14	8:21	1.00	1.037	1.00	26.21	25.00	0.780	0.744	1.05

300360

Data Subject To Validation

DATA FROM FILE: SU12158WB1 SCANS 347 TO 1082 ACQUIRED: 02/08/95 17:31:00
CALI: SU12158WB1 #1
SAMPLE: SBLKW WATER-12158WB1
CONDS.: RTX-5 0.25MM X 30M 1.0UM 45/4-325020 INST B



Data Subject To Validation

300361

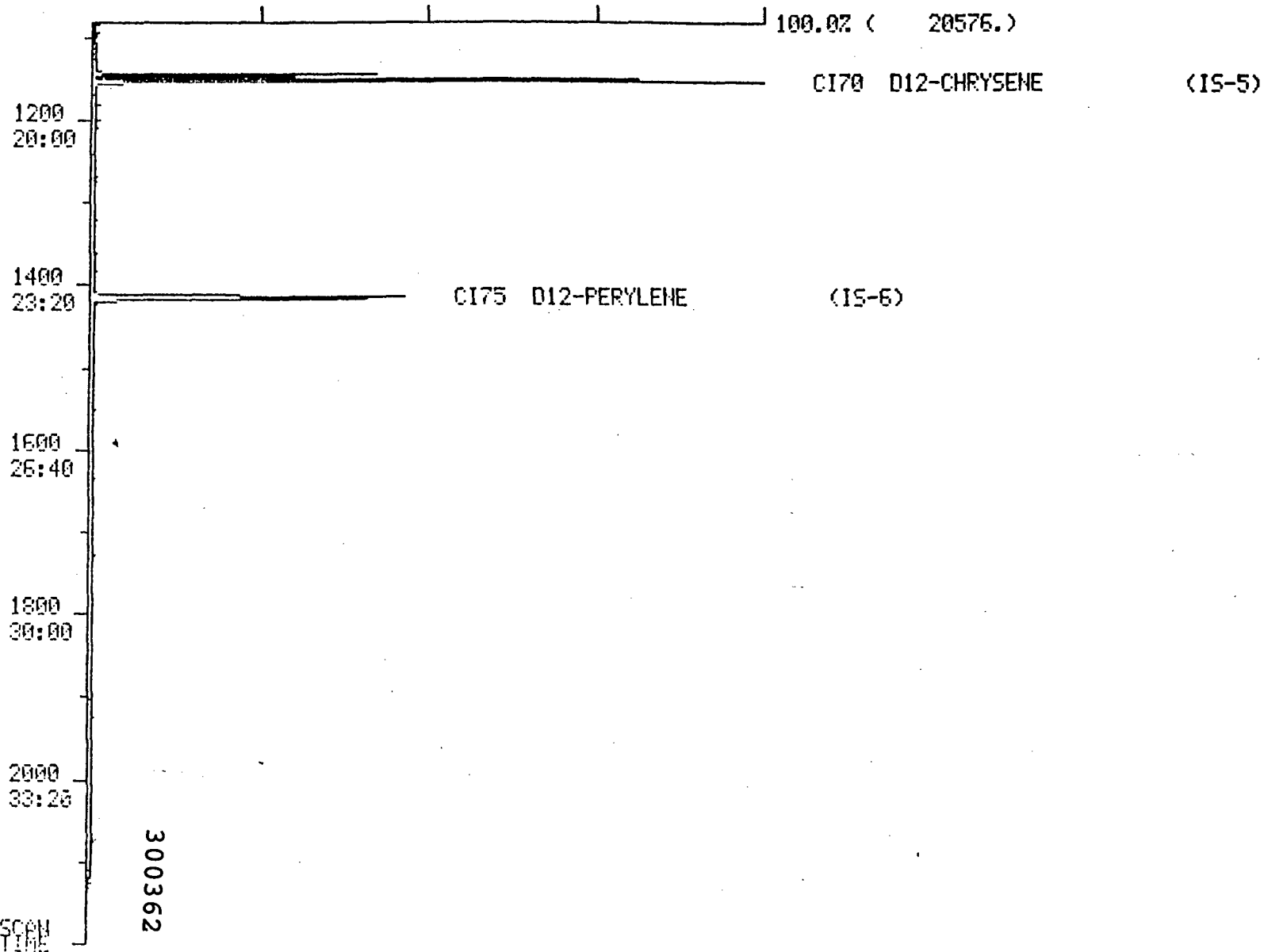
REVIEWED
FEB 9 1995

DATA FROM FILE: SU12158NB1 SCANS 1082 TO 2200 ACQUIRED: 02/08/95 17:31:00

CALI: SU12158NB1 #1

SAMPLE: SBLKW WATER-12158NB1

CONDS.: RTX-5 0.25MM X 30M 1.0UM 45/4-325020 INST B



Data: SV12158WB1.TI

02/08/95 17:31:00

Sample: SBLKW WATER-12158WB1

Conds.: RTX-5 0.25MM X 30M 1.0UM 45/4-325@20 INST B

Formula: X X X Instrument: B

Weight: 1.000

Submitted by: Analyst: JAM

Acct. No.: 12158

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

Resp. fac. from Library Entry

No	Name
1	CI30 D4-1,4 DICHLORO BENZENE (IS-1)
2	CI40 DB-NAPHTHALENE (IS-2)
3	CI50 D10-ACENAPHTHENE (IS-3)
4	CI60 D10-PHENANTHRENE (IS-4)
5	CI70 D12-CHRYSENE (IS-5)
6	CI75 D12-PERYLENE (IS-6)
7	CS50 2-FLUOROPHENOL 0.6 (SS-5)
8	CS45 D5-PHENOL 0.8 (SS-4)
9	CS20 D5-NITROBENZENE 0.2 (SS-1)
10	CS25 2-FLUOROBIPHENYL 0.7 (SS-2)
11	CS55 2,4,6TRIBROMOPHENOL (SS-6)
12	CS30 D14-P-TERPHENYL 0.5 (SS-3)
13	CS70 2-CHLOROPHENOL-D4 0.8 (SS-7)
14	CS75 1,2-CL2BENZENE-D4 0.4 (SS-8)
15	C740 BIS(2ETHYLHEXYL)PHTH

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
1	152	482	8:02	1	1.000	A BB	7042.	20.000 PPB	3.43
2	136	601	10:01	2	1.000	A BB	26145.	20.000 PPB	3.43
3	164	760	12:40	3	1.000	A BB	16646.	20.000 PPB	3.43
4	188	892	14:52	4	1.000	A BB	21609.	20.000 PPB	3.43
5	240	1151	19:11	5	1.000	A BB	17708.	20.000 PPB	3.43
6	264	1414	23:34	6	1.000	A BB	17396.	20.000 PPB	3.43
7	112	357	5:57	1	0.741	A BB	21400.	63.913 PPB	10.96
8	99	456	7:36	1	0.946	A BB	31879.	68.594 PPB	11.76
9	82	538	8:58	2	0.895	A BB	17818.	51.286 PPB	8.79
10	172	698	11:38	3	0.918	A BB	37330.	43.969 PPB	7.54
11	330	832	13:52	3	1.095	A BB	6105.	61.965 PPB	10.62
12	244	1036	17:16	5	0.900	A BB	38846.	53.507 PPB	9.17
13	132	465	7:45	1	0.965	A BB	29341.	72.113 PPB	12.36
14	152	501	8:21	1	1.039	A BB	10633.	40.563 PPB	6.95
15	149	1144	19:04	5	0.994	A BB	6274.	7.388 PPB	1.27

No	Ret(L)	Ratio	RRT(L)	Ratio	Amnt	Amnt(L)	R. Fac	R. Fac(L)	Ratio
1	8:03	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
2	10:02	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
3	12:41	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
4	14:53	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
5	19:09	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
6	23:31	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
7	5:58	1.00	0.741	1.00	63.91	25.00	2.431	0.951	2.56
8	7:37	1.00	0.946	1.00	68.59	25.00	3.622	1.320	2.74
9	8:58	1.00	0.894	1.00	51.29	25.00	0.545	0.266	2.05

300363

Data Subject To Validation

No	Ret(L)	Ratio	RRT(L)	Ratio	Amnt	Amnt(L)	R. Fac	R. Fac(L)	Ratio
10	11:39	1.00	0.919	1.00	43.97	25.00	1.794	1.020	1.76
11	13:52	1.00	1.093	1.00	61.97	25.00	0.293	0.118	2.48
12	17:15	1.00	0.901	1.00	53.51	25.00	1.755	0.820	2.14
13	7:46	1.00	0.965	1.00	72.11	25.00	3.333	1.156	2.88
14	8:21	1.00	1.037	1.00	40.56	25.00	1.208	0.744	1.62
15	19:02	1.00	0.994	1.00	7.39	25.00	0.283	0.959	0.30

300364

Data Subject To Validation

TARGET COMPOUND COMPARISON

COMPOUND: C740 BIS(2ETHYLHEXYL)PTH

RAW DATA: SU12158WB1 #1144

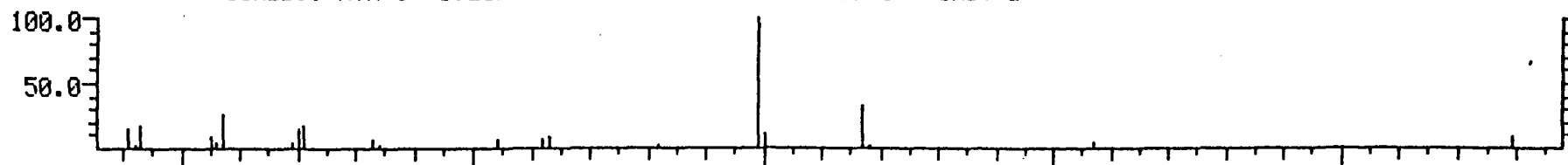
BASE M/Z: 149

RIC: 8768.

02/08/95 17:31

SAMPLE: SBLKN WATER-12158WB1

CONDS.: RTX-5 0.25MM X 30M 1.0UM 45/4-325020 INST B



2904.

ENHANCED DATA: SU12158WB1 #1144

BASE M/Z: 149

RIC: 7016.



2420.

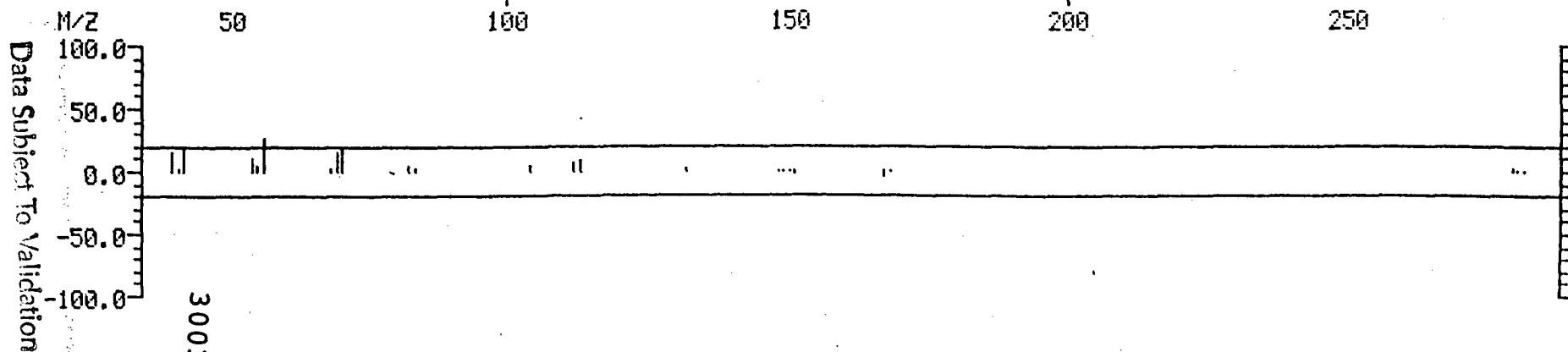
LIBRARY FILE: SN #56

BASE M/Z: 149

RIC: 1506.



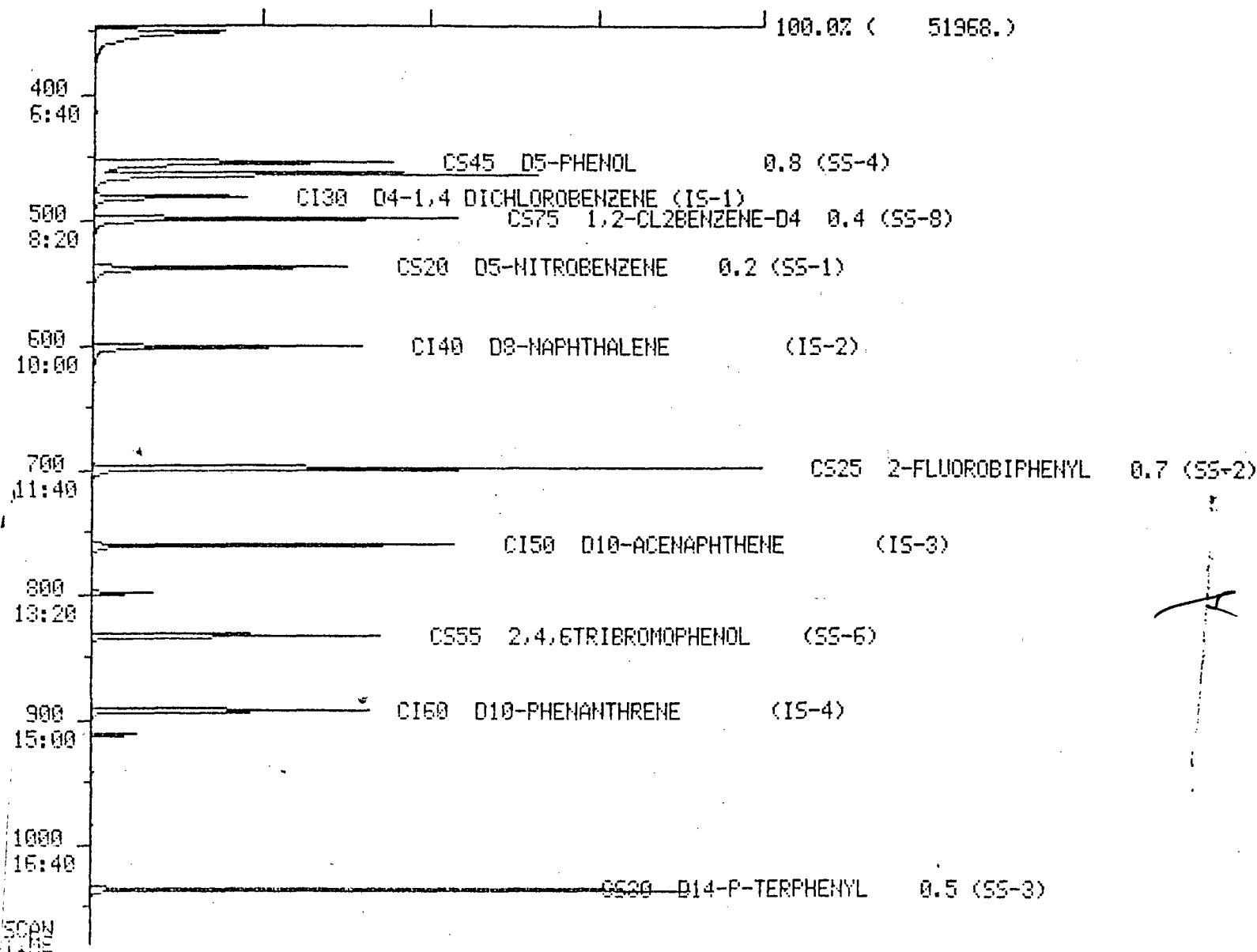
1000.



300365

Data Subject To Validation

DATA FROM FILE: SVUTX04P SCANS 345 TO 1080 ACQUIRED: 02/08/95 19:35:00
CALI: SVUTX04P #1
SAMPLE: RB5001 WATER HLA
COND5.: RTX-5 0.25MM X 30M 1.0UM 45/4-325020 INST B



Data Subject To Validation

300366

FEB 9 1995

RECEIVED

DATA FROM FILE: SVUTX04P

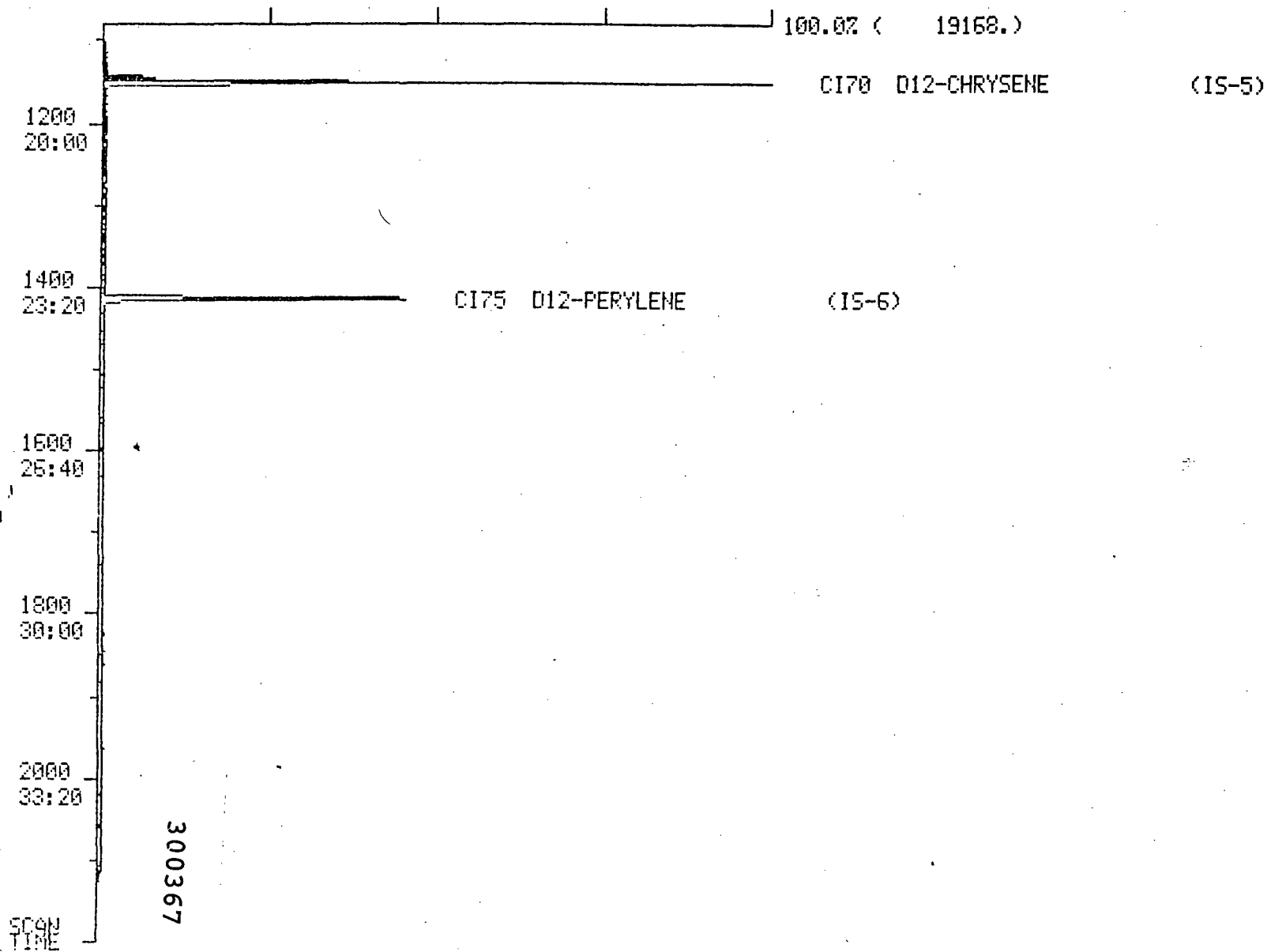
SCANS 1080 TO 2200 ACQUIRED: 02/08/95 19:35:00

CALI: SVUTX04P #1

SAMPLE: RBS001 WATER HLA

COND5.: RTX-5 0.25MM X 30M 1.0UM 45/4-325020 INST B

Data Subject To Validation



Quantitation Report File: SVVTX04P

Data: SVVTX04P.TI

02/08/95 19:35:00

Sample: RBS001 WATER HLA

Conds.: RTX-5 0.25MM X 30M 1.0UM 45/4-325@20

INST B

Formula: X X X

Instrument: B

Weight: 1.000

Submitted by:

Analyst: JAM

Acct. No.: 12158

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

Resp. fac. from Library Entry

No	Name
1	CI30 D4-1,4 DICHLOROBENZENE (IS-1)
2	CI40 DB-NAPHTHALENE (IS-2)
3	CI50 D10-ACENAPHTHENE (IS-3)
4	CI60 D10-PHENANTHRENE (IS-4)
5	CI70 D12-CHRYSENE (IS-5)
6	CI75 D12-PERYLENE (IS-6)
7	CS50 2-FLUOROPHENOL 0.6 (SS-5)
8	CS45 D5-PHENOL 0.8 (SS-4)
9	CS20 D5-NITROBENZENE 0.2 (SS-1)
10	CS25 2-FLUOROBIPHENYL 0.7 (SS-2)
11	CS55 2,4,6TRIBROMOPHENOL (SS-6)
12	CS30 D14-P-TERPHENYL 0.5 (SS-3)
13	CS70 2-CHLOROPHENOL-D4 0.8 (SS-7)
14	CS75 1,2-CL2BENZENE-D4 0.4 (SS-8)
15	C580 DIETHYL PHTHALATE
16	C740 BIS(2ETHYLHEXYL)PHTH

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
1	152	480	8:00	1	1.000	A BB	6793.	20.000 PPB	3.36
2	136	600	10:00	2	1.000	A BB	24997.	20.000 PPB	3.36
3	164	759	12:39	3	1.000	A BB	14947.	20.000 PPB	3.36
4	188	891	14:51	4	1.000	A BB	19815.	20.000 PPB	3.36
5	240	1150	19:10	5	1.000	A BB	16244.	20.000 PPB	3.36
6	264	1413	23:33	6	1.000	A BB	16195.	20.000 PPB	3.36
7	112	349	5:49	1	0.727	A BB	20479.	63.406 PPB	10.65
8	99	453	7:33	1	0.944	A BB	30464.	67.953 PPB	11.42
9	82	536	8:56	2	0.893	A BB	16390.	49.343 PPB	8.29
10	172	698	11:38	3	0.920	A BB	38861.	50.975 PPB	8.56
11	330	831	13:51	3	1.095	A BB	5625.	63.583 PPB	10.68
12	244	1035	17:15	5	0.900	A BB	35054.	52.635 PPB	8.84
13	132	462	7:42	1	0.962	A BB	27841.	70.934 PPB	11.92
14	152	498	8:18	1	1.037	A BB	12420.	49.116 PPB	8.25
15	149	798	13:18	3	1.051	A BB	3824.	5.586 PPB	0.94
16	149	1143	19:03	5	0.994	A BB	1362.	1.748 PPB	0.29

No	Ret(L)	Ratio	RRT(L)	Ratio	Amnt	Amnt(L)	R. Fac	R. Fac(L)	Ratio
1	8:03	0.99	1.000	1.00	20.00	20.00	1.000	1.000	1.00
2	10:02	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
3	12:41	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
4	14:53	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
5	19:09	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
6	23:31	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
7	5:58	0.97	0.741	0.98	63.41	25.00	2.412	0.951	2.54

300368

Data Subject To Validation

No	Ret(L)	Ratio	RRT(L)	Ratio	Amnt	Amnt(L)	R. Fac	R. Fac(L)	Ratio
8	7:37	0.99	0.946	1.00	67.95	25.00	3.588	1.320	2.72
9	8:58	1.00	0.894	1.00	49.34	25.00	0.525	0.266	1.97
10	11:39	1.00	0.919	1.00	50.97	25.00	2.080	1.020	2.04
11	13:52	1.00	1.093	1.00	63.58	25.00	0.301	0.118	2.54
12	17:15	1.00	0.901	1.00	52.64	25.00	1.726	0.820	2.11
13	7:46	0.99	0.965	1.00	70.93	25.00	3.279	1.156	2.84
14	8:21	0.99	1.037	1.00	49.12	25.00	1.463	0.744	1.96
15	13:20	1.00	1.051	1.00	5.59	25.00	0.205	0.916	0.22
16	19:02	1.00	0.994	1.00	1.75	25.00	0.067	0.959	0.07

300369

Data Subject To Validation

TARGET COMPOUND COMPARISON

COMPOUND: C580 DIETHYL PHTHALATE

RAW DATA: SUUTX04P #798

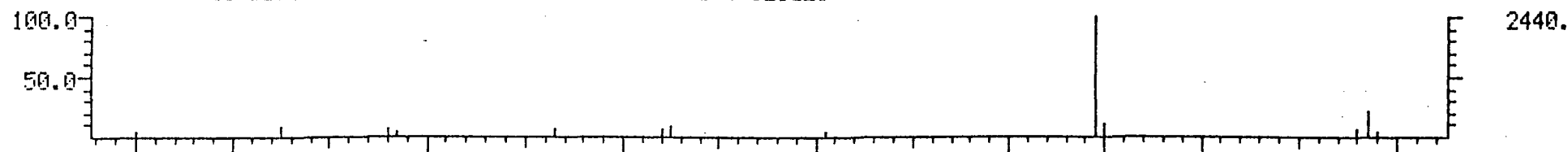
BASE M/Z: 149

RIC: 4744.

02/08/95 19:35

SAMPLE: RB5001 WATER HLA

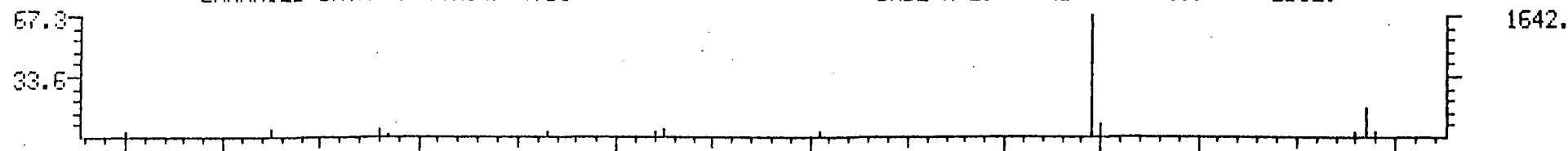
CONDS.: RTX-5 0.25MM X 30M 1.0UM 45/4-325020 INST B



ENHANCED DATA: SUUTX04P #798

BASE M/Z: 149

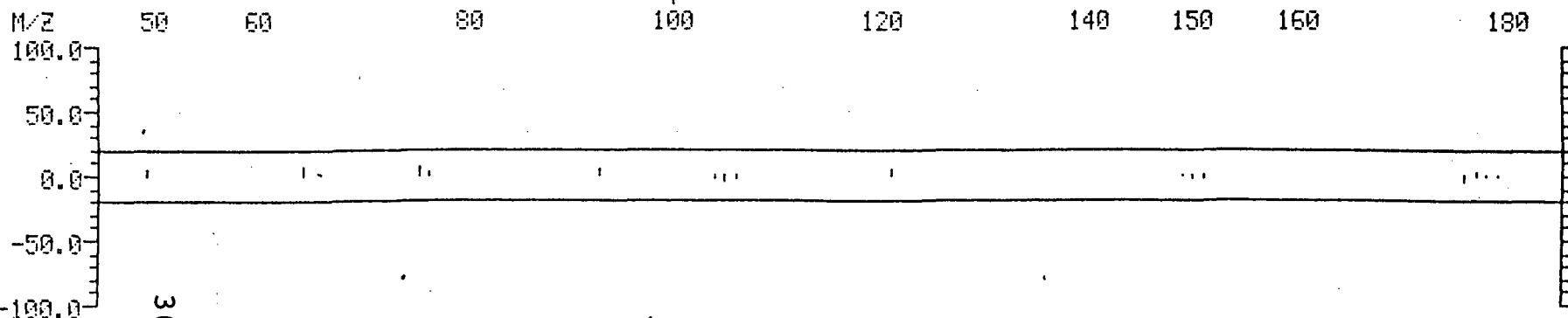
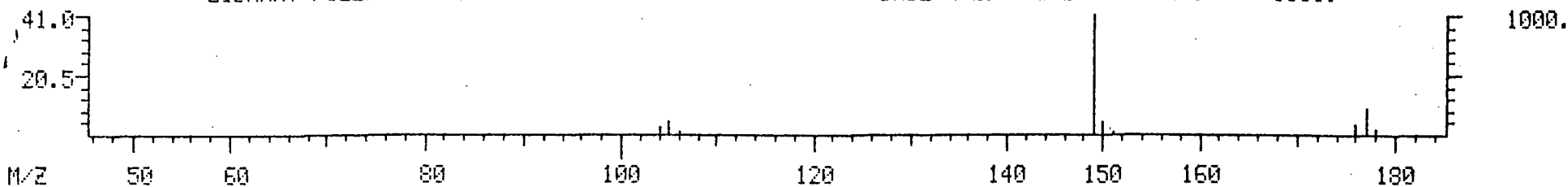
RIC: 2932.



LIBRARY FILE: SN #39

BASE M/Z: 149

RIC: 1660.



300370

Data Subject To Validation

TARGET COMPOUND COMPARISON

COMPOUND: C740 BIS(2ETHYLHEXYL)PHTH

RAW DATA: SUUTX04P #1143

BASE M/Z: 149

RIC: 1450.

02/08/95 19:35

SAMPLE: RBS001 WATER HLA

CONDS.: RTX-5 0.25MM X 30M 1.0UM 45/4-325020 INST B

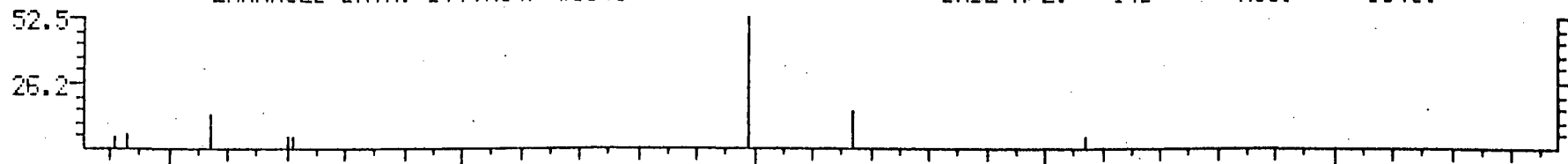


625.

ENHANCED DATA: SUUTX04P #1143

BASE M/Z: 149

RIC: 1048.

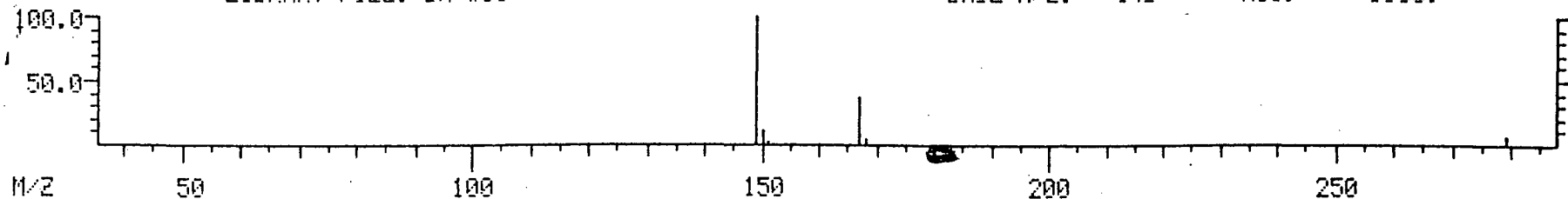


525.

LIBRARY FILE: SN #56

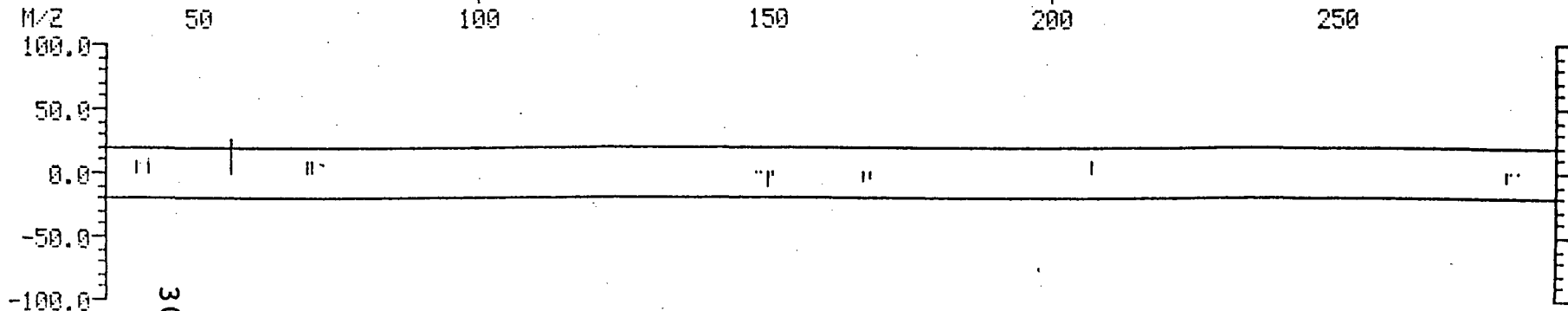
BASE M/Z: 149

RIC: 1586.



1000.

Data Subject To Validation



300371

000041

PAGE
GC/MS INSTRUMENT OPERATIONS LOGSHEET --- SEMI-VOLATILES

300372

page 1 of 2

Analyst: J. McFall Date: 1/27/95 Instrument: 8
 Project I.D. (client/case/sdg):

Standard Data Acquisition Parameters for Semi-Volatiles:

GC Conditions		MS Conditions	
Flow rate	: <u>1.5 ml/min</u>	Scan range	: <u>35-500 AMU</u>
Head pressure	: <u>30 PSI</u>	Scan rate	: <u>1 s/scan</u>
Column	: <u>Fused Silica Capillary</u>	EM voltage	: <u>1725</u>
	: <u>30m x 0.25mm, 1.0um film</u>		
Injector temp.	: <u>250</u>		
Injector mode	: <u>Mod Splitless</u>		
GC descriptors	: <u>SAMPLE-SV, DETPP-DM</u>		
GC program	: <u>45 (4min) to 300 @ 12/min</u>		
	: <u>(optimized)</u>		

Non-standard Conditions :
 Maintenance/Problems :
 Formaster Files :
 Original Data Filed With:

Standard Identifications & Spike Amounts:

Targets: 290-02-SVPS IS: 290-07-SVPS1499 DETPP: 290-04-PERS

Definition of Status/Comments Column on Run Log (page 2):

.....analysis passed all criteria
not applicable
 CO.....carry-over or contamination suspected
 DL/level...dilution required/suggested level
 ME.....sample matrix effect (also indicate GC excursions, for example, ISS⁺, SS2⁺, etc.)
 RE.....re-extraction required
 RR.....rerun required
 TD/level...too dilute/suggested level



PAGE-GC/MS INSTRUMENT OPERATIONS LOGSHEET --- SEMI-VOLATILES

Analyst: J. McFall RRF of the day : 1.742, 0.774 Are runs within time limits? YES NO
 Date : 1/27/95 Perf. Std. + 12 hrs. : 22:25 (If no, circle outliers)

TIME	OP	FILE ID	CLIENT ID (dil)	ANT INJ	QC BATCH	QLF	MULT FACT	I.S. AR RT	SUR REC	STATUS/ COMMENTS	TAPE
10:25	Q	BP012795C	DETPP	2nd	-	1	1	-	-	-	8465
11:35	Q	BS012795A	ST005P	2nd	-	1	1	-	-	-	
12:14	Q	SV12074M21	SBLLUM	2nd	12074	1000	1	✓	✓	✓	
13:01	Q	SVVFC10M	3005	2nd		1470	1	✓	✓	✓	DL 1:4
13:43	Q	SVVFC10M0	3005DL 1:4	2nd		5880	4	✓	✓	✓	
14:26	Q	SVVFC10M	3003	2nd		1520	1	✓	✓	✓	DL 1:5
15:08	Q	SVVFC10M0	3003DL 1:5	2nd		7600	5	✓	✓	✓	
15:52	Q	SVVFC10M	3002 1:4	2nd		11760	4	✓	✓	✓	DL 1:20
16:35	Q	SVVFC10M0	3002DL 1:20	2nd		58800	20	✓	✓	✓	
17:17	Q	SVCK0127A	GPC SV AML DUMS 1/21/95	2nd	-	1	1	✓	✓	✓	
18:00	Q	SVCK0127B	GPC CHECK SV 1/21/95	2nd	-	1	1	✓	✓	✓	
		SVVFC10M	E7025T			11781	4	✓	✓	✓	
		SVVFC10M	11E95			4	1	✓	✓	✓	
18:42	Q	SV11911WB5	SBLLW	2nd	11711	1	1	✓	✓	✓	
19:25	Q	SVVFC10M	RB50/012095			1	1	✓	✓	✓	
20:07	Q	SVVFC10M	RB50/011995			1	1	✓	✓	✓	
20:50	Q	SVVFC10M	RB60/011895			1	1	✓	✓	✓	
21:32	Q	SVVFC10M	E7025T		11781	4	1	✓	✓	✓	
22:15	Q	SVVFC10M	11E95			4	1	✓	✓	✓	DL 1:2

000042

Data Subject To

Standard Data Acquisition Parameters for Semi-Volatiles:

MS Conditions
Scan range: 35-500 amu
Scan rate: 1 s/scan
EM voltage: 1540

✓.....analysis passed all criteria	ME.....sample matrix effect (also indicate QC
-.....not applicable	excursions, for example, IS2†, SS2†, etc.)
CO.....carry-over or contamination suspected	RE.....re-extraction required
DL/level...dilution required/suggested level	RR.....rerun required
	TD/level...too dilute/suggested level

page 2 of 2

TIME	OP	FILE ID	CLIENT ID (dil)	AMT INJ	QC BATCH	QLF	MULT FACT	I.S. AR	RT	SUR REC	STATUS/ COMMENTS	TAPE
9:26	G	BS118999A	QSTCP	2nd	-	1	1	-	-	-		8959
9:48	G	BS118999A	JST015P	2nd	-	1	1	-	-	-		
10:25	G	BS118999A	JST016P	2nd	-	1	1	-	-	-		
11:06	G	BS118999A	JST000P	2nd	-	1	1	-	-	-		
11:48	G	BS118999A	JST012P	2nd	-	1	1	-	-	-		
12:29	G	BS118999E	JST008P	2nd	-	1	1	-	-	-		
8-12/74												

Data Subject To Validation

300373

Analyst: J. McFall Date: 2/8/95 Instrument: B
Project I.D. (client/case/eq): -

Standard Data Acquisition Parameters for Semi-Volatiles:

<u>GC Conditions</u>		<u>MS Conditions</u>	
Flow rate	: 3.5 ml/min	Scan range:	: 35-500 amu
Head pressure	: 30 psi	Scan rate	: 1 s/scan
Column	: Packed Silica Capillary, 30m x 0.25mm, 1.0um film	EM voltage:	: 180v
Injector temp.	: 250		
Injector mode	: Mod Splitless		
GC descriptors	: sample-SV, DFTPP-DM		
GC program	: 45 (4min) to 300 @ 12/min (optimized)		

Non-standard Conditions :
Maintenance/Problems :
Formstar Files : 8502018.A9
Original Data Filed With:

Standard Identifications & Spike Amounts:

Targets: 290-12-SV25 IS: 290-07-SVJAP40 DFTPP: 290-14-PERF

Definition of Status/Comments Column on Run Log (page 2):

.....analysis passed all criteria ME.....sample matrix effect (also indicates QC
-.....not applicable excursions, for example, I88", SS2", etc.)
CO.....carry-over or contamination suspected RE.....re-extraction required
DI/level...dilution required/suggested level RR.....rerun required
TD/level...too dilute/suggested level

300374

FACE-GC/MS INSTRUMENT OPERATIONS LOGSHEET --- SEMI-VOLATILES

Analyst: J. M. F. 44 RRF of the day: 1.320, 0.820 Are runs within time limits YES NO
Date: 2/8/95 Perf. Std. + 12 hrs.: 2.020 (If no, circle outliers)

[illegible]

Data Subject To Validation

Raw pyridine data

R.G. 95020

Jan & Feb '95

Soil Sample

300375

Data Subject To Validation

MASS SPECTRUM

11/09/94 9:26:00 + 8:33

SAMPLE: DFTPP 244-92-PERF

CONDS.: RTX-5 0.25MM X 30M 1.0UM 45/4-325020 INST B

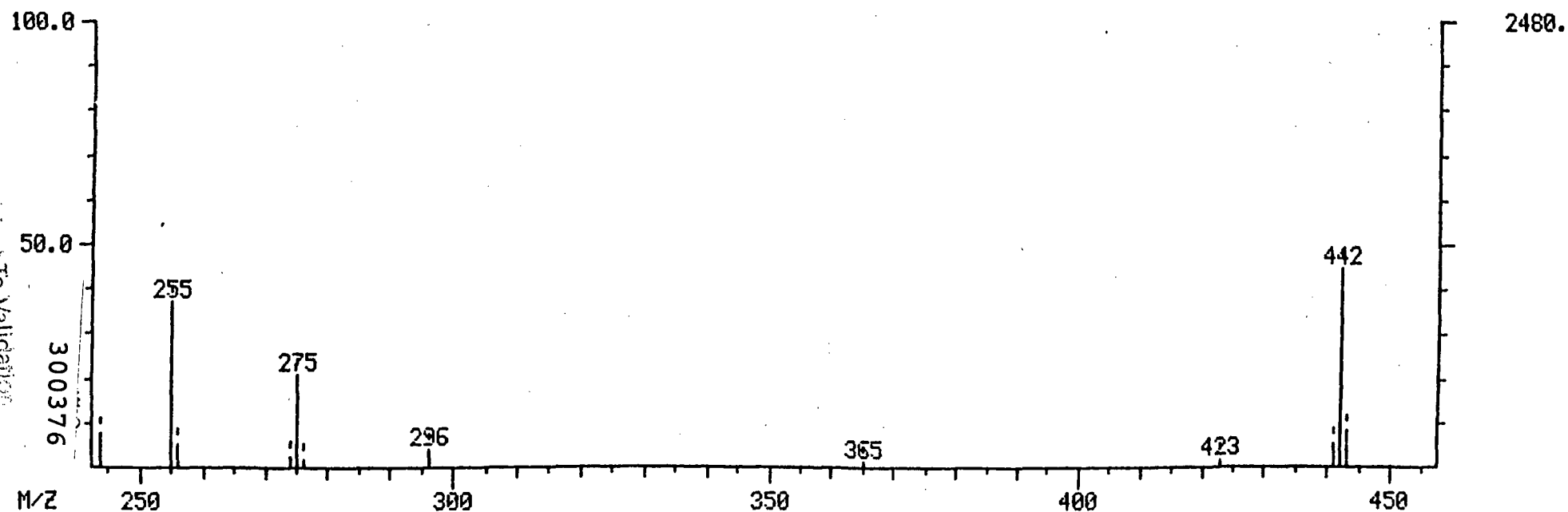
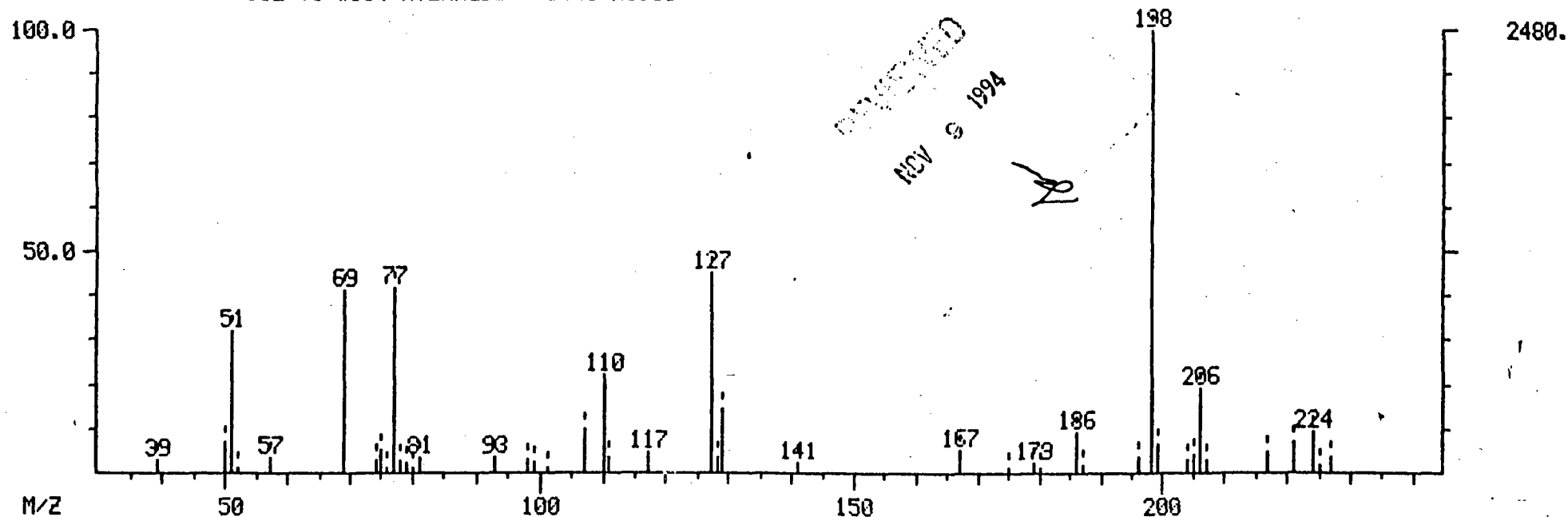
#512 TO #514 AVERAGED - #505 X1.00

DATA: BP110994A #513

CALI: BP110994A #1

BASE M/Z: 198

RIC: 14672.



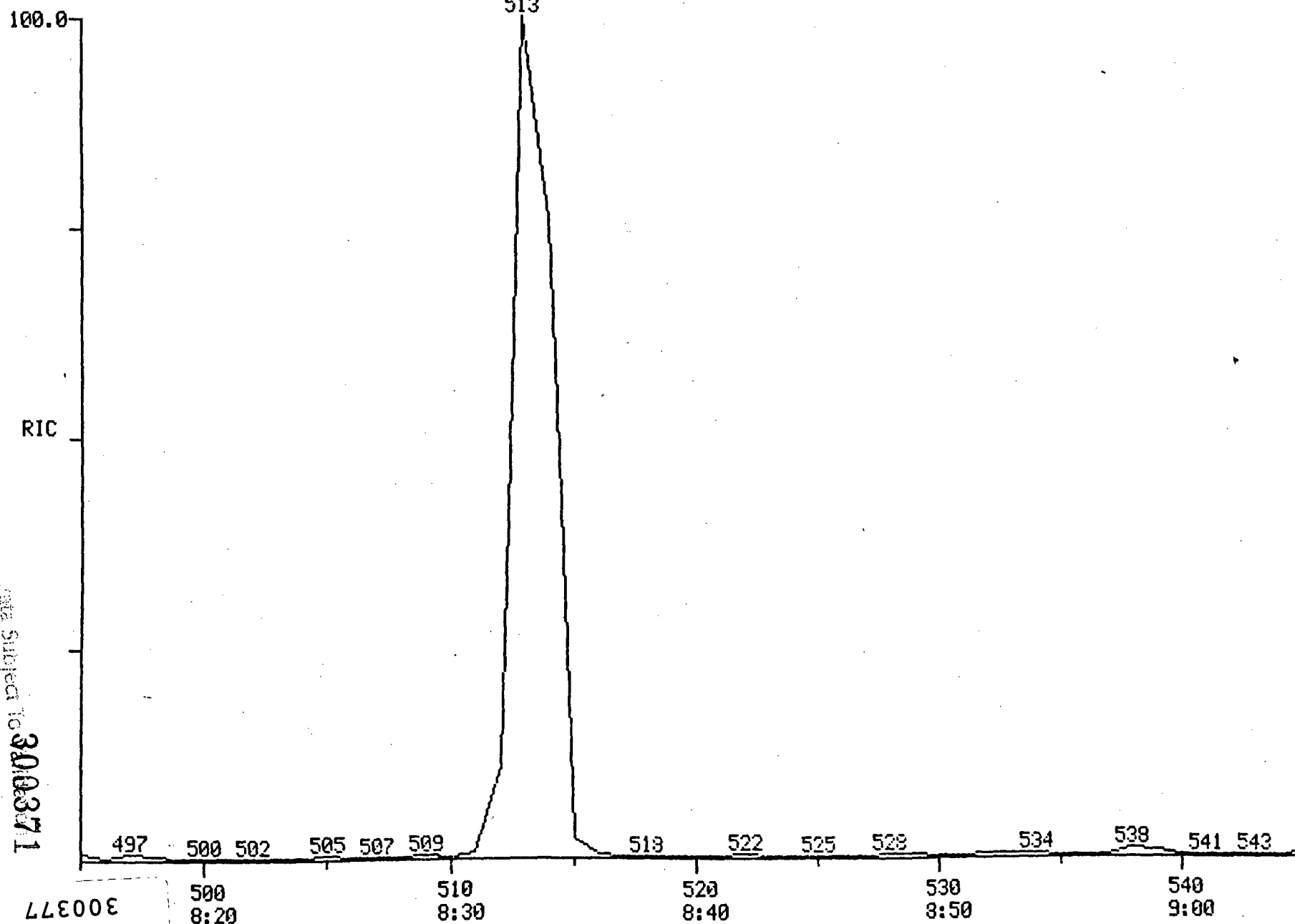
RIC
11/09/94 9:26:00
SAMPLE: DFTPP 244-92-PERF
CONDS.: RTX-5 0.25MM X 30M
RANGE: G 1, 700 LABEL: N

DATA: BP110994A #512
CALI: BP110994A #1

SCANS 495 TO 545

1.0UM 45/4-325020 INST B
0, 4.0. QUAN: A 0, 1.0 J 0 BASE: U 20, 3

23680.



RIC+MASS CHROMATOGRAM

11/09/94 9:26:00

SAMPLE: DFTPP 244-92-PERF

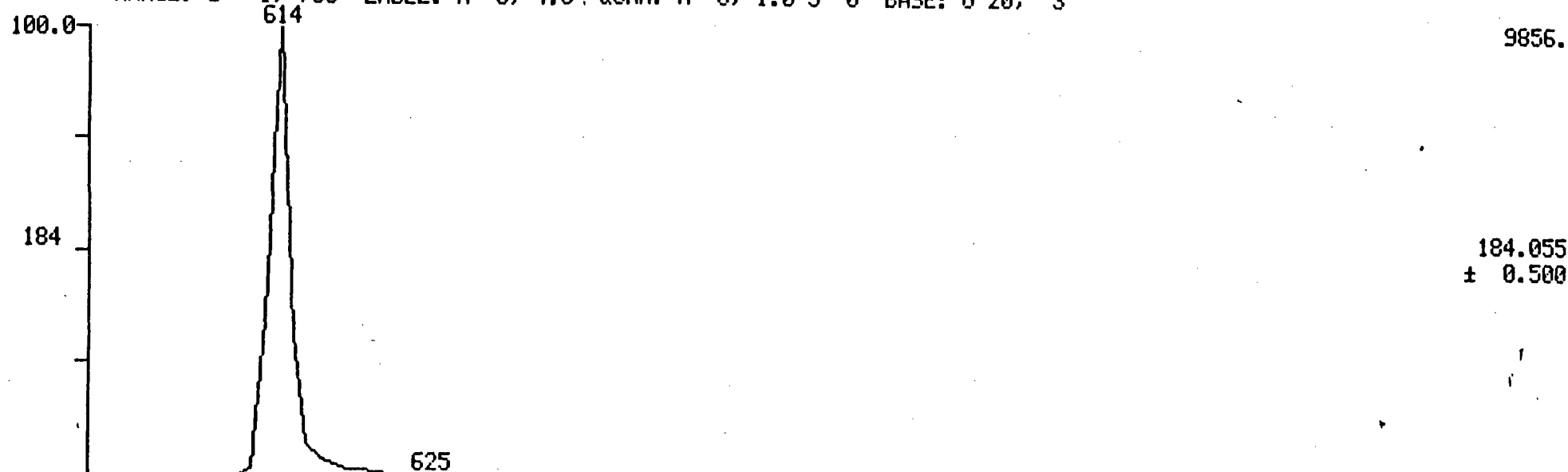
CONDS.: RTX-5 0.25MM X 30M 1.0UM 45/4-325020 INST B

RANGE: G 1, 700 LABEL: N 0, 4.0. QUAN: A 0, 1.0 J 0 BASE: U 20, 3

DATA: BP110994A #512

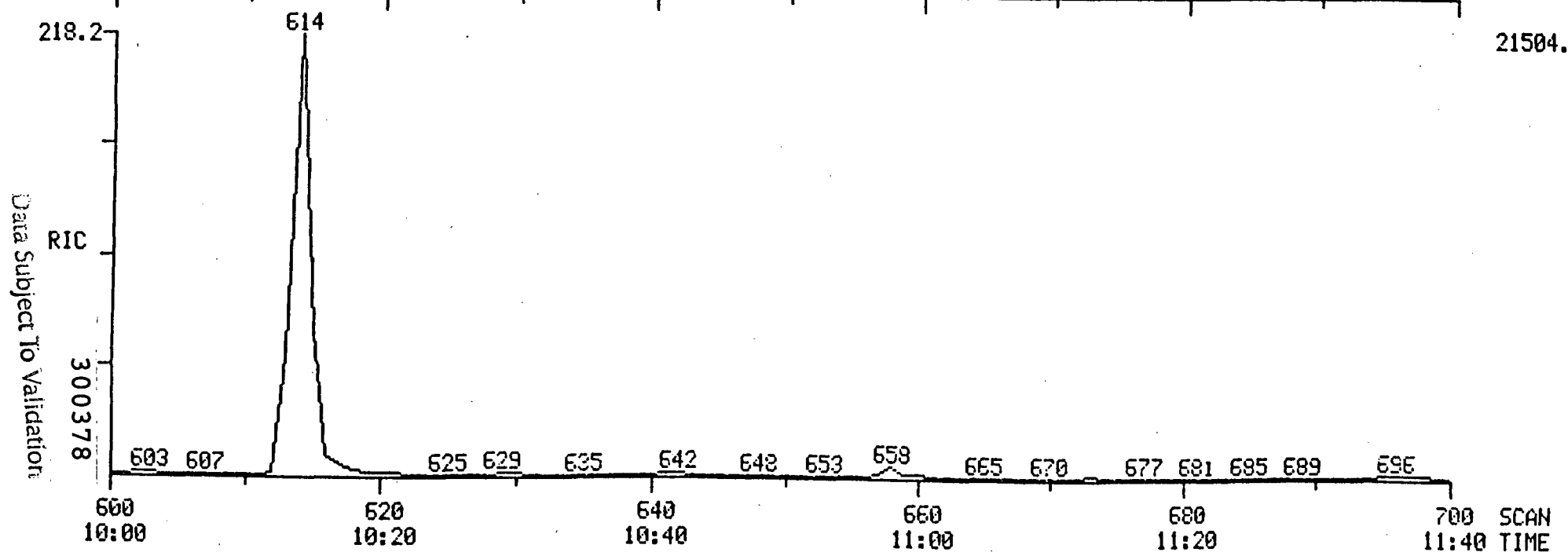
SCANS 600 TO 700

CALI: BP110994A #1



9856.

184.055
± 0.500



21504.

Data Subject To Validation

RIC

300378

600
10:00

620
10:20

640
10:40

660
11:00

680
11:20

700 SCAN
11:40 TIME

Mass List

11/09/94 9:26:00 + 8:33

Data: BP110994A # 513

Base m/z: 198

Call: BP110994A # 1

RIC: 14672.

Sample: DFTPP 244-92-PERF

Conds.: RTX-5 0.25MM X 30M 1.0UM 45/4-325@20 INST B

#512 to #514 averaged - #505 X1.00

39	0.00	0.	Minima	Min	Inten:	0.	
443			Maxima	#	0		
Mass	% RA	Inten.	Mass	% RA	Inten.		
39?	S	3.19	79.	296	S	3.79	94.
50?	S	7.10	176.	365	S	1.33	33.
51?	S	31.73	787.	423	S	1.98	49.
52?	S	1.05	26.	441	S	5.32	132.
57?	S	3.55	88.	442	S	44.76	1110.
69	S	41.09	1019.	443	S	8.19	203.
74	S	2.94	73.				
75	S	5.48	136.				
76	S	1.17	29.				
77	S	41.61	1032.				
78	S	2.86	71.				
79	S	2.26	56.				
80	S	1.17	29.				
81	S	3.47	86.				
93	S	3.31	82.				
98	S	2.78	69.				
99	S	2.42	60.				
101	S	1.13	28.				
107	S	9.88	245.				
110	S	22.38	555.				
111	S	3.59	89.				
117	S	4.68	116.				
127	S	45.56	1130.				
128	S	3.55	88.				
129	S	14.40	357.				
141	S	2.14	53.				
167	S	5.08	126.				
175	S	1.41	35.				
179	S	2.54	63.				
180	S	1.13	28.				
186	S	9.44	234.				
187	S	1.53	38.				
196	S	3.71	92.				
198	S	100.00	2480.				
199	S	6.41	159.				
204	S	2.62	65.				
205	S	4.35	108.				
206	S	19.44	482.				
207	S	2.66	66.				
217	S	4.48	111.				
221	S	6.81	169.				
224	S	9.27	230.				
225	S	1.53	38.				
227	S	3.23	80.				
244	S	7.58	188.				
255	S	37.30	925.				
256	S	5.24	130.				
274	S	2.14	53.				
275	S	21.17	525.				
276	S	1.94	48.				

300379

Data Subject To Validation

GC/MS Tuning and Mass Calibration

DECAFLUOROTRIPHENYLPHOSPHINE

Case Number: Laboratory: GULF Contract:
Inst ID: B Sens Date: 11/09/94 Sens Time: 9:26:00
Lab ID: BP110974A Cali Date: 10/02/91 Analyst: JAM

Data release authorized by: _____

M/E ===	Ion Abundance Criteria =====	Spec # 512 =====
51	30 to 60% of mass 198	31.73
68	less than 2% of mass 69	0.00 (0.00) 1
69	mass 69 relative abundance	41.09
70	less than 2% of mass 69	0.00 (0.00) 1
127	40 TO 60% of mass 198	45.56
197	less than 1% of mass 198	0.00
198	base peak, 100% relative abundance	100.00
199	5 TO 9% of mass 198	6.41
275	10 TO 30% of mass 198	21.17
365	greater than 1% of mass 198	1.33
441	less than mass 443	5.32
442	greater than 40% of mass 198	44.76
443	17 TO 23% of mass 442	8.19 (18.29) 2

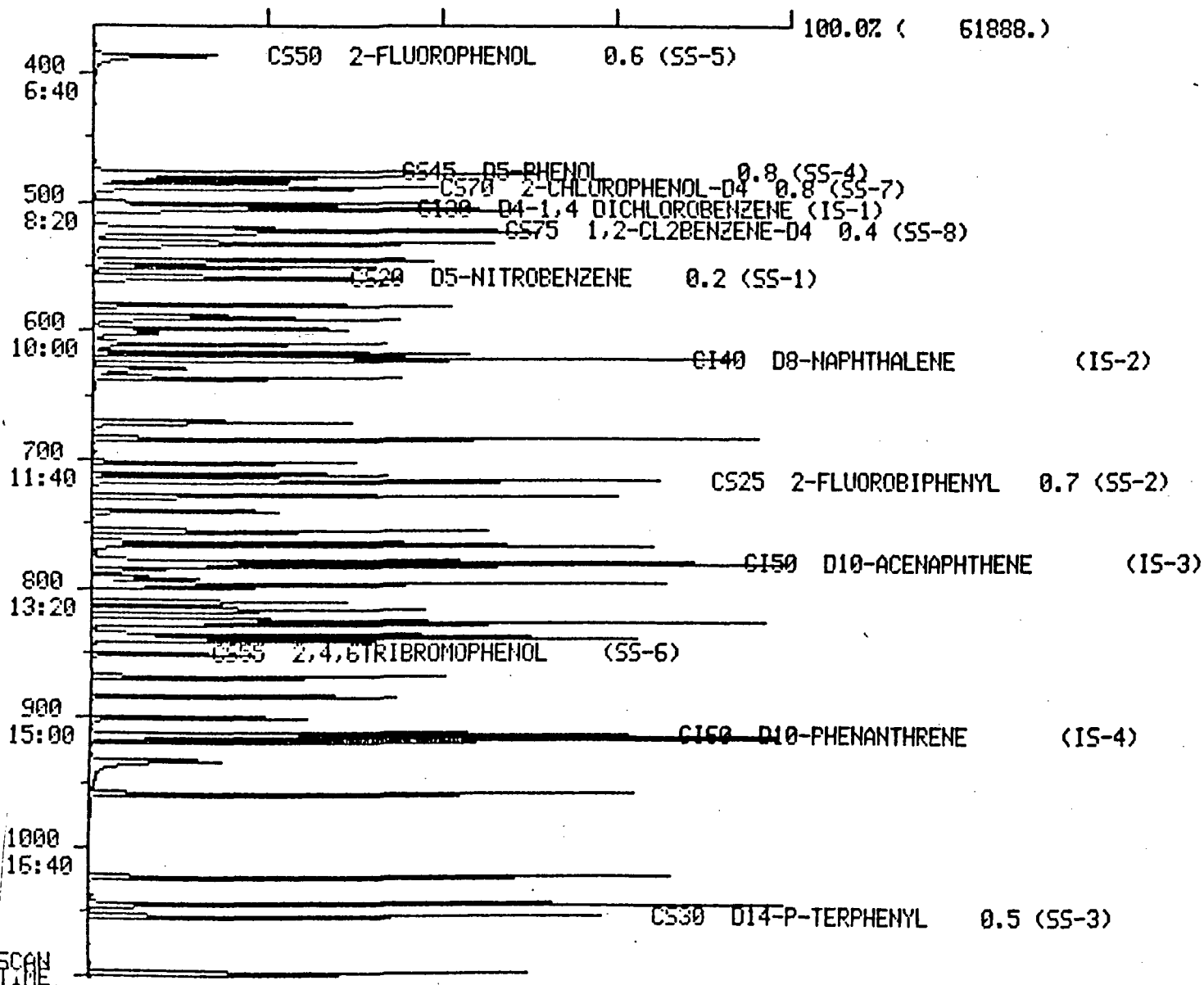
1 - value in parenthesis is % of mass 69

2 - value in parenthesis is % of mass 442

300380

Data Subject To Validation

DATA FROM FILE: BS110994A SCANS 363 TO 1103 ACQUIRED: 11/09/94 9:48:00
 CALI: BS110994A #1
 SAMPLE: SSTD050 290-02-SU25
 CONDS.: RTX-5 0.25MM X 30M 1.0UM 45/4-325020 INST B



Data Subject to Validation

300381

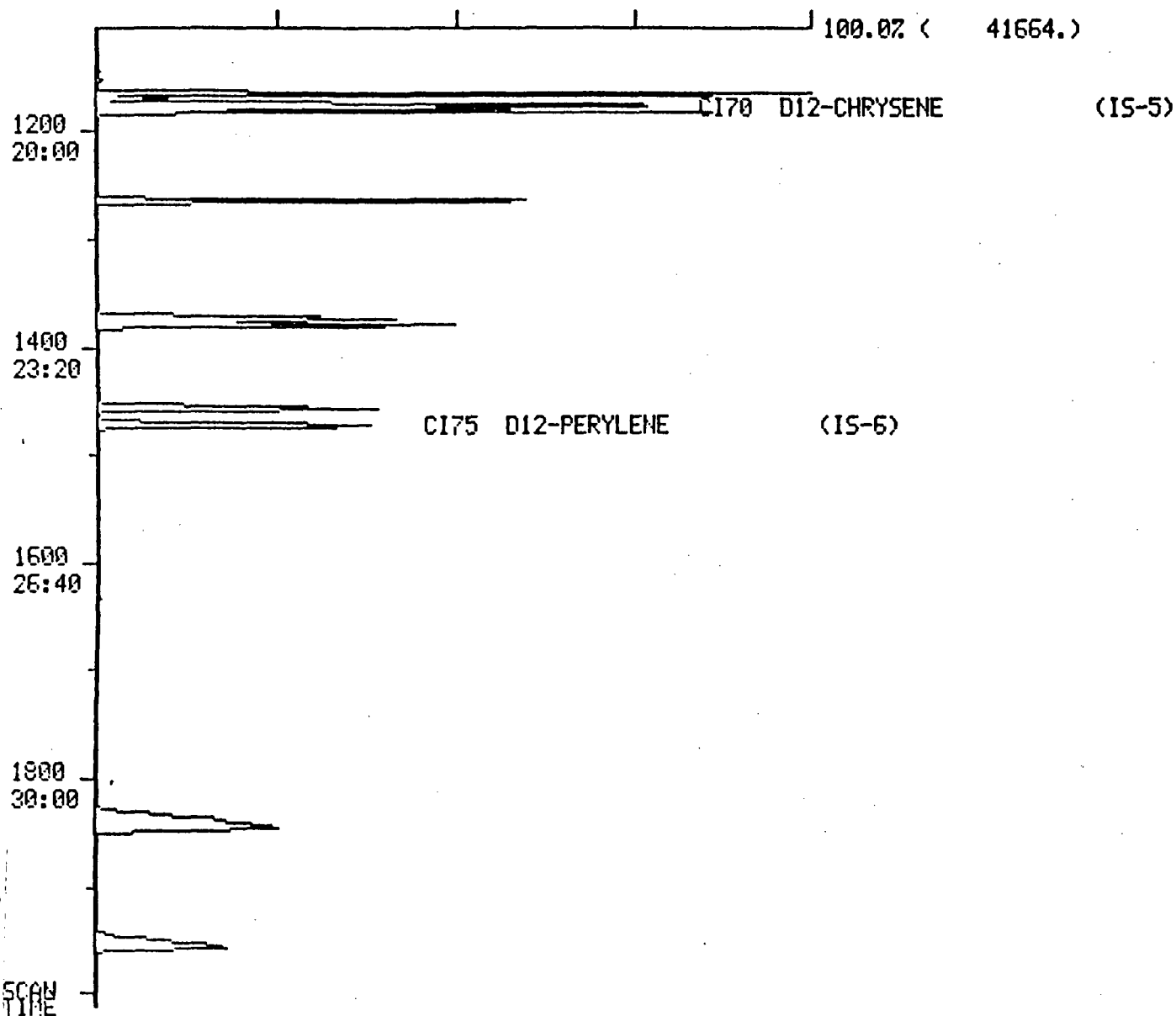
SCAN
TIME

NOV 9 1994

DATA FROM FILE: BS110994A SCANS 1103 TO 2012 ACQUIRED: 11/09/94 9:48:00
CALI: BS110994A #1

SAMPLE: SSTD050 290-02-SU25

CONDS.: RTX-5 0.25MM X 30M 1.0UM 45/4-325020 INST B



Data: BS110994A.TI

11/09/94 9:48:00

Sample: SST0050 290-02-SV25

Conds.: RTX-5 0.25MM X 30M 1.0UM 45/4-325@20

INST B

Formula: X X X

Instrument: B

Weight: 1.001

Submitted by:

Analyst: JAM

Acct. No.:

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

Resp. fac. from Library Entry

No	Name	
1	CI30 D4-1,4 DICHLOROBENZENE	(IS-1)
2	CI40 DB-NAPHTHALENE	(IS-2)
3	CI50 D10-ACENAPHTHENE	(IS-3)
4	CI60 D10-PHENANTHRENE	(IS-4)
5	CI70 D12-CHRYSENE	(IS-5)
6	CI75 D12-PERYLENE	(IS-6)
7	CS50 2-FLUOROPHENOL	0.6 (SS-5)
8	CS45 D5-PHENOL	0.8 (SS-4)
9	CS20 D5-NITROBENZENE	0.2 (SS-1)
10	CS25 2-FLUOROBIPHENYL	0.7 (SS-2)
11	CS55 2,4,6TRIBROMOPHENOL	(SS-6)
12	CS30 D14-P-TERPHENYL	0.5 (SS-3)
13	CS70 2-CHLOROPHENOL-D4	0.8 (SS-7)
14	CS75 1,2-CL2BENZENE-D4	0.4 (SS-8)
15	C315 *PHENOL	0.8
16	C325 BIS(2CHLOROETHYL)E	0.7
17	C330 2CHLOROPHENOL	0.8
18	C335 1,3DICHLOROBENZENE	0.6
19	C340 *1,4DICHLOROBENZENE	0.5 T
20	C320 ANILINE	
21	C310 N-NITROSODIMETHYLAMINE	
22	C319 PYRIDINE	T
23	C345 BENZYL ALCOHOL	
24	C350 1,2DICHLOROBENZENE	0.4
25	C355 2METHYLPHENOL	0.7 T
26	C357 2,2'OXYBIS(1CHLOROPR	
27	C365 4METHYLPHENOL	0.6 T
28	C370 &NITROSOPROPYLAMINE	0.5
29	C375 HEXACHLOROETHANE	0.3 T
30	C410 NITROBENZENE	0.2 T
31	C415 ISOPHORONE	0.4
32	C420 *2-NITROPHENOL	0.1
33	C425 2,4-DIMETHYLPHENOL	0.2
34	C430 BENZOIC ACID	
35	C435 BIS(2CHLOROETHOXY)	0.3
36	C440 *2,4DICHLOROPHENOL	0.2
37	C445 1,2,4TRICHLOROBENZ	0.2
38	C450 NAPHTHALENE	0.7
39	C455 4-CHLOROANILINE	
40	C460 *CL6BUTADIENE	T
41	C465 *4CHLORO3METHYLPHEN	0.2
42	C470 2METHYLNAPHTHALENE	0.4
43	C510 &CL6CYCLOPENTADIENE	
44	C515 *246TRICHLOROPHNEOL	0.2 T
45	C520 2,4,5TRICHLOROPHEN	0.2 T
46	C525 2CHLORONAPHTHALENE	0.8
47	C530 2-NITROANILINE	

Data Subject To Validation

300383

No	Name	
48	C535	DIMETHYL PHTHALATE
49	C540	ACENAPHTHYLENE 1.3-
50	C545	3-NITROANILINE

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
1	152	503	8:23	1	1.000	A BB	10117.	20.000 PPB	0.95
2	136	620	10:20	2	1.000	A BB	35918.	20.000 PPB	0.95
3	164	779	12:59	3	1.000	A BB	18998.	20.000 PPB	0.95
4	188	912	15:12	4	1.000	A BB	28570.	20.000 PPB	0.95
5	240	1176	19:36	5	1.000	A BB	24201.	20.000 PPB	0.95
6	264	1471	24:31	6	1.000	A BB	26539.	20.000 PPB	0.95
7	112	385	6:25	1	0.765	A BB	13008.	25.000 PPB	1.19
8	99	476	7:56	1	0.946	A BB	16823.	25.000 PPB	1.19
9	82	557	9:17	2	0.898	A BB	12528.	25.000 PPB	1.19
10	172	716	11:56	3	0.919	A BB	25242.	25.000 PPB	1.19
11	330	850	14:10	3	1.091	A BB	2741.	25.000 PPB	1.19
12	244	1053	17:33	5	0.895	A BB	23005.	25.000 PPB	1.19
13	132	487	8:07	1	0.968	A BB	13739.	25.000 PPB	1.19
14	152	521	8:41	1	1.036	A BB	9031.	25.000 PPB	1.19
15	94	477	7:57	1	0.948	A BB	20036.	25.000 PPB	1.19
16	93	482	8:02	1	0.958	A VB	17559.	25.000 PPB	1.19
17	128	488	8:08	1	0.970	A BB	13810.	25.000 PPB	1.19
18	146	500	8:20	1	0.994	A BV	15346.	25.000 PPB	1.19
19	146	505	8:25	1	1.004	A VB	15800.	25.000 PPB	1.19
20	93	478	7:58	1	0.950	A BV	17744.	25.000 PPB	1.19
21	74	211	3:31	1	0.419	A BB	7921.	25.000 PPB	1.19
22	79	211	3:31	1	0.419	A BB	12487.	25.000 PPB	1.19
23	108	519	8:39	1	1.032	A BV	7186.	25.000 PPB	1.19
24	146	522	8:42	1	1.038	A BB	14368.	25.000 PPB	1.19
25	108	530	8:50	1	1.054	A VB	13071.	25.000 PPB	1.19
26	45	531	8:51	1	1.056	A BB	15708.	25.000 PPB	1.19
27	108	543	9:03	1	1.080	A BB	13081.	25.000 PPB	1.19
28	70	544	9:04	1	1.082	A BB	7645.	25.000 PPB	1.19
29	117	550	9:10	1	1.093	A BB	5778.	25.000 PPB	1.19
30	77	559	9:19	2	0.902	A BB	12527.	25.000 PPB	1.19
31	82	579	9:39	2	0.934	A BB	25019.	25.000 PPB	1.19
32	139	587	9:47	2	0.947	A BB	7053.	25.000 PPB	1.19
33	107	590	9:50	2	0.952	A BB	9618.	25.000 PPB	1.19
34	122	601	10:01	2	0.969	A BV	5414.	25.000 PPB	1.19
35	93	598	9:58	2	0.965	A BB	16183.	25.000 PPB	1.19
36	162	609	10:09	2	0.982	A BB	10898.	25.000 PPB	1.19
37	180	616	10:16	2	0.994	A BB	11841.	25.000 PPB	1.19
38	128	622	10:22	2	1.003	A BB	38036.	25.000 PPB	1.19
39	127	628	10:28	2	1.013	A BB	12577.	25.000 PPB	1.19
40	225	636	10:36	2	1.026	A BB	5396.	25.000 PPB	1.19
41	107	670	11:10	2	1.081	A BB	10029.	25.000 PPB	1.19
42	142	683	11:23	2	1.102	A BB	25612.	25.000 PPB	1.19
43	237	702	11:42	3	0.901	A BB	6802.	25.000 PPB	1.19
44	196	711	11:51	3	0.913	A BV	7534.	25.000 PPB	1.19
45	196	715	11:55	3	0.918	A VB	8127.	25.000 PPB	1.19
46	162	727	12:07	3	0.933	A BB	23632.	25.000 PPB	1.19
47	65	740	12:20	3	0.950	A BB	6058.	25.000 PPB	1.19
48	163	755	12:35	3	0.969	A BB	27175.	25.000 PPB	1.19
49	152	766	12:46	3	0.983	A BB	38184.	25.000 PPB	1.19
50	138	777	12:57	3	0.997	A BB	3177.	25.000 PPB	1.19

ST1042

BS114994A

300384

Data Subject To Validation

No	Ret(L)	Ratio	RRT(L)	Ratio	Amnt	Amnt(L)	R. Fac	R. Fac(L)	Ratio
1	8:23	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
2	10:20	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
3	12:59	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
4	15:12	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
5	19:36	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
6	24:31	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
7	6:25	1.00	0.765	1.00	25.00	25.00	1.029	1.029	1.00
8	7:56	1.00	0.946	1.00	25.00	25.00	1.330	1.330	1.00
9	9:17	1.00	0.898	1.00	25.00	25.00	0.279	0.279	1.00
10	11:56	1.00	0.919	1.00	25.00	25.00	1.063	1.063	1.00
11	14:10	1.00	1.091	1.00	25.00	25.00	0.115	0.115	1.00
12	17:33	1.00	0.895	1.00	25.00	25.00	0.760	0.760	1.00
13	8:07	1.00	0.968	1.00	25.00	25.00	1.086	1.086	1.00
14	8:41	1.00	1.036	1.00	25.00	25.00	0.714	0.714	1.00
15	7:57	1.00	0.948	1.00	25.00	25.00	1.584	1.584	1.00
16	8:02	1.00	0.958	1.00	25.00	25.00	1.388	1.388	1.00
17	8:08	1.00	0.970	1.00	25.00	25.00	1.092	1.092	1.00
18	8:20	1.00	0.994	1.00	25.00	25.00	1.213	1.213	1.00
19	8:25	1.00	1.004	1.00	25.00	25.00	1.249	1.249	1.00
20	7:58	1.00	0.950	1.00	25.00	25.00	1.403	1.403	1.00
21	3:31	1.00	0.419	1.00	25.00	25.00	0.626	0.626	1.00
22	3:31	1.00	0.419	1.00	25.00	25.00	0.987	0.987	1.00
23	8:39	1.00	1.032	1.00	25.00	25.00	0.568	0.568	1.00
24	8:42	1.00	1.038	1.00	25.00	25.00	1.136	1.136	1.00
25	8:50	1.00	1.054	1.00	25.00	25.00	1.034	1.034	1.00
26	8:51	1.00	1.056	1.00	25.00	25.00	1.242	1.242	1.00
27	9:03	1.00	1.080	1.00	25.00	25.00	1.034	1.034	1.00
28	9:04	1.00	1.082	1.00	25.00	25.00	0.605	0.605	1.00
29	9:10	1.00	1.093	1.00	25.00	25.00	0.457	0.457	1.00
30	9:19	1.00	0.902	1.00	25.00	25.00	0.279	0.279	1.00
31	9:39	1.00	0.934	1.00	25.00	25.00	0.557	0.557	1.00
32	9:47	1.00	0.947	1.00	25.00	25.00	0.157	0.157	1.00
33	9:50	1.00	0.952	1.00	25.00	25.00	0.214	0.214	1.00
34	10:01	1.00	0.969	1.00	25.00	25.00	0.121	0.121	1.00
35	9:58	1.00	0.965	1.00	25.00	25.00	0.360	0.360	1.00
36	10:09	1.00	0.982	1.00	25.00	25.00	0.243	0.243	1.00
37	10:16	1.00	0.994	1.00	25.00	25.00	0.264	0.264	1.00
38	10:22	1.00	1.003	1.00	25.00	25.00	0.847	0.847	1.00
39	10:28	1.00	1.013	1.00	25.00	25.00	0.280	0.280	1.00
40	10:36	1.00	1.026	1.00	25.00	25.00	0.120	0.120	1.00
41	11:10	1.00	1.081	1.00	25.00	25.00	0.223	0.223	1.00
42	11:23	1.00	1.102	1.00	25.00	25.00	0.570	0.570	1.00
43	11:42	1.00	0.901	1.00	25.00	25.00	0.286	0.286	1.00
44	11:51	1.00	0.913	1.00	25.00	25.00	0.317	0.317	1.00
45	11:55	1.00	0.918	1.00	25.00	25.00	0.342	0.342	1.00
46	12:07	1.00	0.933	1.00	25.00	25.00	0.995	0.995	1.00
47	12:20	1.00	0.950	1.00	25.00	25.00	0.255	0.255	1.00
48	12:35	1.00	0.969	1.00	25.00	25.00	1.144	1.144	1.00
49	12:46	1.00	0.983	1.00	25.00	25.00	1.608	1.608	1.00
50	12:57	1.00	0.997	1.00	25.00	25.00	0.134	0.134	1.00

SSTOOP
 85110994A

300385

data subject To Validation

Data: BS110994A.TI

11/09/94 9:48:00

Sample: SST050 290-02-SV25

Conds.: RTX-5 0.25MM X 30M 1.0UM 45/4-325e20

INST B

Formula: X X X

Instrument: B

Weight: 1.001

Submitted by:

Analyst: JAM

Acct. No.:

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

Resp. fac. from Library Entry

No	Name	
51	C550 *ACENAPHTHENE	0.8
52	C321 2,3,4,6-TETRACHLOROPHENOL	
53	C555 &2,4DINITROPHENOL	
54	C560 &4NITROPHENOL	
55	C565 DIBENZOFURAN	0.8
56	C570 2,4DINITROTOLUENE	0.2 T
57	C543 2,6DINITROTOLUENE	0.2
58	C580 DIETHYL PHTHALATE	
59	C585 4CHLOROPHENYL PHEN	0.4
60	C590 FLUORENE	0.9
61	C595 4-NITROANILINE	
62	C610 4,6DINITRO2METHYLPH	
63	C615 *DIPHENYLAMINE	
64	C625 4BROMOPHENYL PHENY	0.1
65	C630 CL6BENZENE	0.1 T
66	C635 *PENTACHLOROPHENOL	0.05 T
67	C640 PHENANTHRENE	0.7
68	C645 ANTHRACENE	0.7
69	C650 DI-NBUTYLPHTHALATE	
70	C655 *FLUORANTHENE	0.6
71	D200 1,2-DIPHENYLHYDRAZINE	
72	C647 CARBAZOLE	
73	C715 PYRENE	0.6
74	C720 BUTYLBENZYLPHTHALATE	
75	C725 3,3'CL2BENZIDINE	
76	C730 BENZO(A)ANTHRACENE	0.8
77	C740 BIS(2ETHYLHEXYL)PTH	
78	C735 CHRYSENE	0.7
79	C760 *DI-N-OCTYLPHTHALATE	
80	C765 BENZO(B)FLUORANTHE	0.7
81	C770 BENZO(K)FLUORANTHE	0.7
82	C775 *BENZO(A)PYRENE	0.7
83	C780 INDENO(1,2,3CD)PYR	0.5
84	C785 DIBENZO(A,H)ANTHRA	0.4
85	C790 BENZO(G,H,I)PERYLE	0.5

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
51	153	782	13:02	3	1.004	A BB	21761.	25.000 PPB	1.19
52	232	810	13:30	3	1.040	A BB	6923.	25.000 PPB	1.19
53	184	785	13:05	3	1.008	A BB	3045.	25.000 PPB	1.19
54	109	791	13:11	3	1.015	A BB	2043.	25.000 PPB	1.19
55	168	796	13:16	3	1.022	A BB	33674.	25.000 PPB	1.19
56	165	798	13:18	3	1.024	A BB	8215.	25.000 PPB	1.19
57	165	763	12:43	3	0.979	A BB	7070.	25.000 PPB	1.19
58	149	817	13:37	3	1.049	A BB	25268.	25.000 PPB	1.19

300386

Data Subject To Validation

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
59	204	824	13:44	3	1.058	A BB	11718.	25.000 PPB	1.19
60	166	827	13:47	3	1.062	A BB	25536.	25.000 PPB	1.19
61	138	835	13:55	3	1.072	A VB	3381.	25.000 PPB	1.19
62	198	835	13:55	4	0.916	A BB	4567.	25.000 PPB	1.19
63	169	836	13:56	4	0.917	A BB	13787.	25.000 PPB	1.19
64	248	868	14:28	4	0.952	A BB	6636.	25.000 PPB	1.19
65	284	883	14:43	4	0.968	A BB	6712.	25.000 PPB	1.19
66	266	899	14:59	4	0.986	A BB	4827.	25.000 PPB	1.19
67	178	914	15:14	4	1.002	A BV	36191.	25.000 PPB	1.19
68	178	918	15:18	4	1.007	A VB	37037.	25.000 PPB	1.19
69	149	959	15:59	4	1.052	A BB	45041.	25.000 PPB	1.19
70	202	1022	17:02	4	1.121	A BB	36201.	25.000 PPB	1.19
71	77	839	13:59	4	0.920	A BB	29659.	25.000 PPB	1.19
72	167	933	15:33	4	1.023	A BB	23056.	25.000 PPB	1.19
73	202	1044	17:24	5	0.888	A BB	39401.	25.000 PPB	1.19
74	149	1098	18:18	5	0.934	A BB	19861.	25.000 PPB	1.19
75	252	1167	19:27	5	0.992	A BB	4348.	25.000 PPB	1.19
76	228	1173	19:33	5	0.997	A BV	31949.	25.000 PPB	1.19
77	149	1163	19:23	5	0.989	A BB	28211.	25.000 PPB	1.19
78	228	1180	19:40	5	1.003	A VB	29396.	25.000 PPB	1.19
79	149	1262	21:02	6	0.858	A BB	45403.	25.000 PPB	1.19
80	252	1372	22:52	6	0.933	A BV	33707.	25.000 PPB	1.19
81	252	1378	22:58	6	0.937	A VB	25784.	25.000 PPB	1.19
82	252	1455	24:15	6	0.989	A BB	28854.	25.000 PPB	1.19
83	276	1836	30:36	6	1.248	A BB	31409.	25.000 PPB	1.19
84	278	1844	30:44	6	1.254	A BB	23544.	25.000 PPB	1.19
85	276	1954	32:34	6	1.328	A BB	25748.	25.000 PPB	1.19

No	Ret(L)	Ratio	RRT(L)	Ratio	Amnt	Amnt(L)	R. Fac	R. Fac(L)	Ratio
51	13:02	1.00	1.004	1.00	25.00	25.00	0.916	0.916	1.00
52	13:30	1.00	1.040	1.00	25.00	25.00	0.292	0.292	1.00
53	13:05	1.00	1.008	1.00	25.00	25.00	0.128	0.128	1.00
54	13:11	1.00	1.015	1.00	25.00	25.00	0.086	0.086	1.00
55	13:16	1.00	1.022	1.00	25.00	25.00	1.418	1.418	1.00
56	13:18	1.00	1.024	1.00	25.00	25.00	0.346	0.346	1.00
57	12:43	1.00	0.979	1.00	25.00	25.00	0.298	0.298	1.00
58	13:37	1.00	1.049	1.00	25.00	25.00	1.064	1.064	1.00
59	13:44	1.00	1.058	1.00	25.00	25.00	0.493	0.493	1.00
60	13:47	1.00	1.062	1.00	25.00	25.00	1.075	1.075	1.00
61	13:55	1.00	1.072	1.00	25.00	25.00	0.142	0.142	1.00
62	13:55	1.00	0.916	1.00	25.00	25.00	0.128	0.128	1.00
63	13:56	1.00	0.917	1.00	25.00	25.00	0.386	0.386	1.00
64	14:28	1.00	0.952	1.00	25.00	25.00	0.186	0.186	1.00
65	14:43	1.00	0.968	1.00	25.00	25.00	0.188	0.188	1.00
66	14:59	1.00	0.986	1.00	25.00	25.00	0.135	0.135	1.00
67	15:14	1.00	1.002	1.00	25.00	25.00	1.013	1.013	1.00
68	15:18	1.00	1.007	1.00	25.00	25.00	1.037	1.037	1.00
69	15:59	1.00	1.052	1.00	25.00	25.00	1.261	1.261	1.00
70	17:02	1.00	1.121	1.00	25.00	25.00	1.014	1.014	1.00
71	13:59	1.00	0.920	1.00	25.00	25.00	0.830	0.830	1.00
72	15:33	1.00	1.023	1.00	25.00	25.00	0.646	0.646	1.00
73	17:24	1.00	0.888	1.00	25.00	25.00	1.302	1.302	1.00
74	18:18	1.00	0.934	1.00	25.00	25.00	0.657	0.657	1.00
75	19:27	1.00	0.992	1.00	25.00	25.00	0.144	0.144	1.00
76	19:33	1.00	0.997	1.00	25.00	25.00	1.056	1.056	1.00
77	19:23	1.00	0.989	1.00	25.00	25.00	0.933	0.933	1.00

557005P
85110114A

300387

Use subject To Validation

No	Ret(L)	Ratio	RRT(L)	Ratio	Amnt	Amnt(L)	R.Fac	R.Fac(L)	Ratio
78	19:40	1.00	1.003	1.00	25.00	25.00	0.972	0.972	1.00
79	21:02	1.00	0.858	1.00	25.00	25.00	1.369	1.369	1.00
80	22:52	1.00	0.933	1.00	25.00	25.00	1.016	1.016	1.00
81	22:58	1.00	0.937	1.00	25.00	25.00	0.777	0.777	1.00
82	24:15	1.00	0.989	1.00	25.00	25.00	0.870	0.870	1.00
83	30:36	1.00	1.248	1.00	25.00	25.00	0.947	0.947	1.00
84	30:44	1.00	1.254	1.00	25.00	25.00	0.710	0.710	1.00
85	32:34	1.00	1.328	1.00	25.00	25.00	0.776	0.776	1.00

SSTO 85P

BS110994A

300388

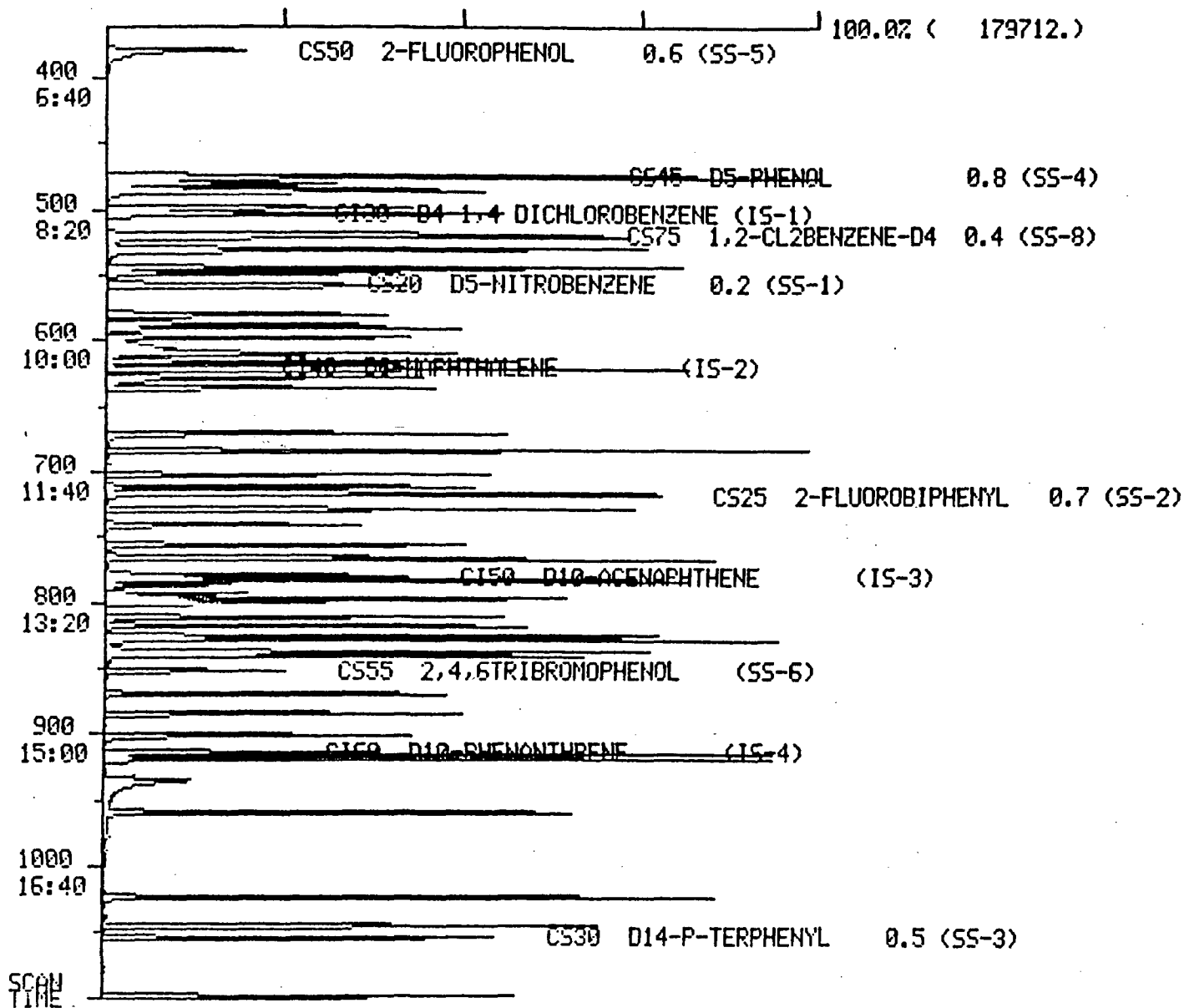
Data Subject To Validation

DATA FROM FILE: BS110994B SCANS 361 TO 1101 ACQUIRED: 11/09/94 10:28:00

CAL1: BS110994B #1

SAMPLE: SSTD160 290-02-SU80

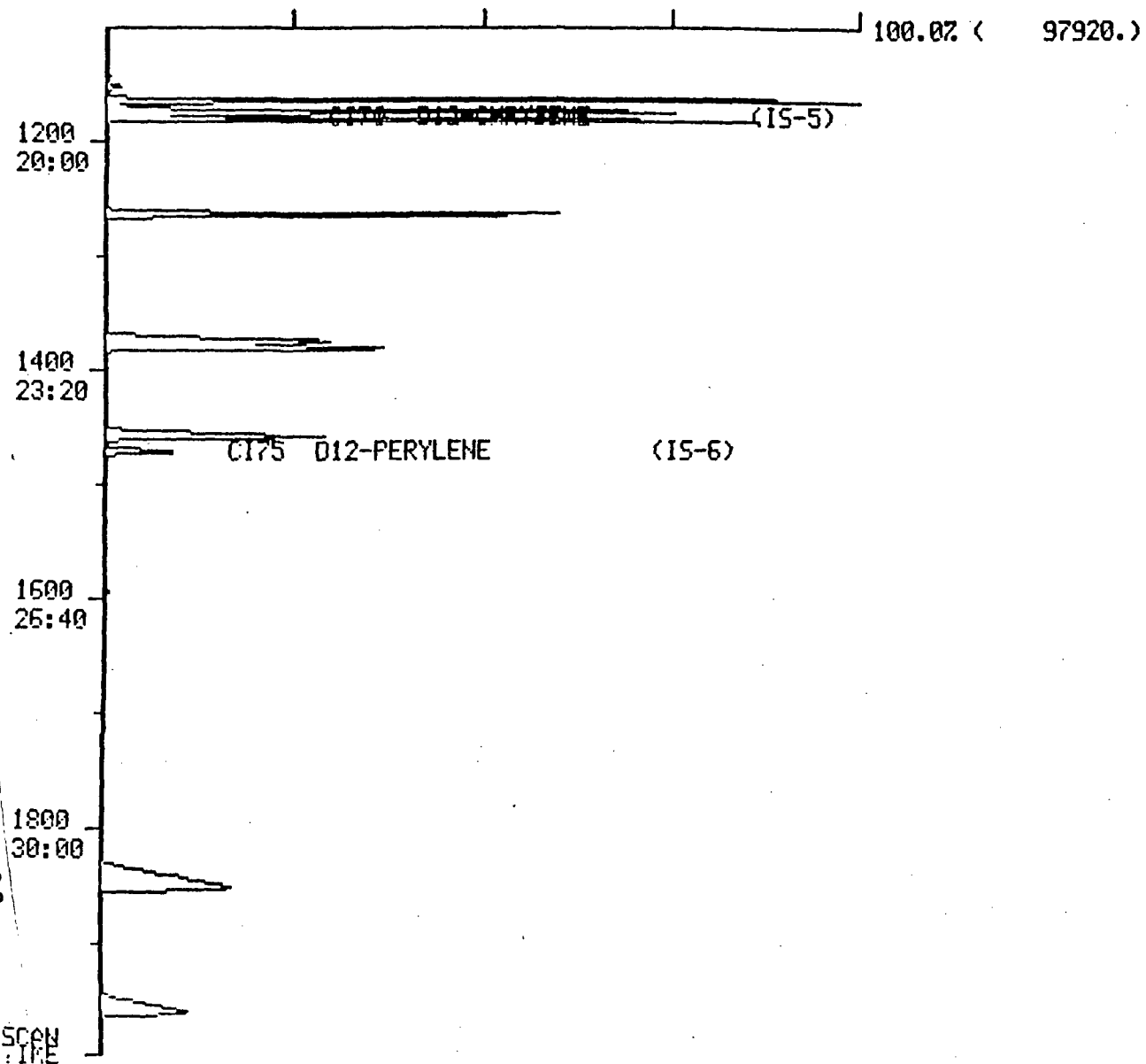
COND.: RTX-5 0.25MM X 30M 1.0UM 45/4-325020 INST B



Data Subject to Validation
300389

NOV 9 1994
RECEIVED

DATA FROM FILE: B5110994B SCANS 1101 TO 2000 ACQUIRED: 11/09/94 10:28:00
CALI: B5110994B #1
SAMPLE: SSTD160 290-02-SU80
CONDS.: RTX-5 0.25MM X 30M 1.0UM 45/4-325020 INST B



Data subject to Validation

Data: BS110994B.TI

11/09/94 10:28:00

Sample: SSTD160 290-02-SV80

Conds.: RTX-5 0.25MM X 30M 1.0UM 45/4-325@20

INST B

Formula: X X X

Instrument: B

Weight: 1.001

Submitted by:

Analyst: JAM

Acct. No.:

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

Resp. fac. from Library Entry

No	Name	
1	CI30 D4-1,4 DICHLOROBENZENE (IS-1)	
2	CI40 DB-NAPHTHALENE (IS-2)	
3	CI50 D10-ACENAPHTHENE (IS-3)	
4	CI60 D10-PHENANTHRENE (IS-4)	
5	CI70 D12-CHRYSENE (IS-5)	
6	CI75 D12-PERYLENE (IS-6)	
7	CS50 2-FLUOROPHENOL 0.6 (SS-5)	
8	CS45 D5-PHENOL 0.8 (SS-4)	
9	CS20 D5-NITROBENZENE 0.2 (SS-1)	
10	CS25 2-FLUOROBIPHENYL 0.7 (SS-2)	
11	CS55 2,4,6TRIBROMOPHENOL (SS-6)	
12	CS30 D14-P-TERPHENYL 0.5 (SS-3)	
13	CS70 2-CHLOROPHENOL-D4 0.8 (SS-7)	
14	CS75 1,2-CL2BENZENE-D4 0.4 (SS-8)	
15	C315 *PHENOL 0.8	
16	C325 BIS(2CHLOROETHYL)E 0.7	
17	C330 2CHLOROPHENOL 0.8	
18	C335 1,3DICHLOROBENZENE 0.6	
19	C340 *1,4DICHLOROBENZENE 0.5 T	
20	C320 ANILINE	
21	C310 N-NITROSODIMETHYLAMINE	
22	C319 PYRIDINE T	
23	C345 BENZYL ALCOHOL	
24	C350 1,2DICHLOROBENZENE 0.4	
25	C355 2METHYLPHENOL 0.7 T	
26	C357 2,2'OXYBIS(1CHLOROPR	
27	C365 4METHYLPHENOL 0.6 T	
28	C370 &NITROSOPROPYLAMINE 0.5	
29	C375 HEXACHLOROETHANE 0.3 T	
30	C410 NITROBENZENE 0.2 T	
31	C415 ISOPHORONE 0.4	
32	C420 *2-NITROPHENOL 0.1	
33	C425 2,4-DIMETHYLPHENOL 0.2	
34	C430 BENZOIC ACID	
35	C435 BIS(2CHLOROETHOXY) 0.3	
36	C440 *2,4DICHLOROPHENOL 0.2	
37	C445 1,2,4TRICHLOROBENZ 0.2	
38	C450 NAPHTHALENE 0.7	
39	C455 4-CHLOROANILINE	
40	C460 *CL6BUTADIENE T	
41	C465 *4CHLORO3METHYLPHEN 0.2	
42	C470 2METHYLNAPHTHALENE 0.4	
43	C510 &CL6CYCLOPENTADIENE	
44	C515 *246TRICHLOROPHNEOL 0.2 T	
45	C520 2,4,5TRICHLOROPHEN 0.2 T	
46	C525 2CHLORONAPHTHALENE 0.8	
47	C530 2-NITROANILINE	

300391

Data Subject To Validation

No	Name	
48	C535	DIMETHYL PHTHALATE
49	C540	ACENAPHTHYLENE 1.3-
50	C545	3-NITROANILINE

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
1	152	501	8:21	1	1.000	A BB	10939.	20.000 PPB	0.31
2	136	619	10:19	2	1.000	A BB	35684.	20.000 PPB	0.31
3	164	779	12:59	3	1.000	A BB	19437.	20.000 PPB	0.31
4	188	912	15:12	4	1.000	A BB	29068.	20.000 PPB	0.31
5	240	1176	19:36	5	1.000	A BB	16948.	20.000 PPB	0.31
6	264	1470	24:30	6	1.000	A BB	14695.	20.000 PPB	0.31
7	112	378	6:18	1	0.754	A BB	43413.	80.000 PPB	1.24
8	99	474	7:54	1	0.946	A BV	56555.	80.000 PPB	1.24
9	82	556	9:16	2	0.898	A BB	43696.	80.000 PPB	1.24
10	172	717	11:57	3	0.920	A BB	86333.	80.000 PPB	1.24
11	330	851	14:11	3	1.092	A BB	9091.	80.000 PPB	1.24
12	244	1053	17:33	5	0.895	A BB	58906.	80.000 PPB	1.24
13	132	484	8:04	1	0.966	A BB	48498.	80.000 PPB	1.24
14	152	519	8:39	1	1.036	A BB	31477.	80.000 PPB	1.24
15	94	475	7:55	1	0.948	A BB	69261.	80.000 PPB	1.24
16	93	480	8:00	1	0.958	A VB	58496.	80.000 PPB	1.24
17	128	486	8:06	1	0.970	A BB	49203.	80.000 PPB	1.24
18	146	497	8:17	1	0.992	A BV	52936.	80.000 PPB	1.24
19	146	502	8:22	1	1.002	A VB	53578.	80.000 PPB	1.24
20	93	475	7:55	1	0.948	A BV	62900.	80.000 PPB	1.24
21	74	199	3:19	1	0.397	A BB	27527.	80.000 PPB	1.24
22	79	199	3:19	1	0.397	A BB	38346.	80.000 PPB	1.24
23	108	518	8:38	1	1.034	A BV	27515.	80.000 PPB	1.24
24	146	520	8:40	1	1.038	A BB	48977.	80.000 PPB	1.24
25	108	529	8:49	1	1.056	A VB	44010.	80.000 PPB	1.24
26	45	530	8:50	1	1.058	A BB	58365.	80.000 PPB	1.24
27	108	543	9:03	1	1.084	A BB	47818.	80.000 PPB	1.24
28	70	544	9:04	1	1.086	A BB	27149.	80.000 PPB	1.24
29	117	548	9:08	1	1.094	A BB	19653.	80.000 PPB	1.24
30	77	558	9:18	2	0.901	A BB	41541.	80.000 PPB	1.24
31	82	579	9:39	2	0.935	A BV	85142.	80.000 PPB	1.24
32	139	587	9:47	2	0.948	A BB	27172.	80.000 PPB	1.24
33	107	590	9:50	2	0.953	A BB	34263.	80.000 PPB	1.24
34	122	606	10:06	2	0.979	A BB	20908.	80.000 PPB	1.24
35	93	597	9:57	2	0.964	A BB	57086.	80.000 PPB	1.24
36	162	609	10:09	2	0.984	A BB	37579.	80.000 PPB	1.24
37	180	615	10:15	2	0.994	A BB	39249.	80.000 PPB	1.24
38	128	622	10:22	2	1.005	A BV	119980.	80.000 PPB	1.24
39	127	628	10:28	2	1.015	A BB	52848.	80.000 PPB	1.24
40	225	635	10:35	2	1.026	A BB	18199.	80.000 PPB	1.24
41	107	670	11:10	2	1.082	A BB	35080.	80.000 PPB	1.24
42	142	683	11:23	2	1.103	A BB	82161.	80.000 PPB	1.24
43	237	702	11:42	3	0.901	A BB	24614.	80.000 PPB	1.24
44	196	711	11:51	3	0.913	A BV	25837.	80.000 PPB	1.24
45	196	715	11:55	3	0.918	A VB	28707.	80.000 PPB	1.24
46	162	728	12:08	3	0.935	A BB	82689.	80.000 PPB	1.24
47	65	740	12:20	3	0.950	A BB	21530.	80.000 PPB	1.24
48	163	755	12:35	3	0.969	A BB	88163.	80.000 PPB	1.24
49	152	766	12:46	3	0.983	A BB	109842.	80.000 PPB	1.24
50	138	778	12:58	3	0.999	A BV	17982.	80.000 PPB	1.24

550164
B5110994B

300392

Data Subject To Validation

No	Ret(L)	Ratio	RRT(L)	Ratio	Amnt	Amnt(L)	R. Fac	R. Fac(L)	Ratio
1	8:21	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
2	10:19	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
3	12:59	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
4	15:12	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
5	19:36	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
6	24:30	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
7	6:18	1.00	0.754	1.00	80.00	80.00	0.992	0.992	1.00
8	7:54	1.00	0.946	1.00	80.00	80.00	1.293	1.293	1.00
9	9:16	1.00	0.898	1.00	80.00	80.00	0.306	0.306	1.00
10	11:57	1.00	0.920	1.00	80.00	80.00	1.110	1.110	1.00
11	14:11	1.00	1.092	1.00	80.00	80.00	0.117	0.117	1.00
12	17:33	1.00	0.895	1.00	80.00	80.00	0.869	0.869	1.00
13	8:04	1.00	0.966	1.00	80.00	80.00	1.108	1.108	1.00
14	8:39	1.00	1.036	1.00	80.00	80.00	0.719	0.719	1.00
15	7:55	1.00	0.948	1.00	80.00	80.00	1.583	1.583	1.00
16	8:00	1.00	0.958	1.00	80.00	80.00	1.337	1.337	1.00
17	8:06	1.00	0.970	1.00	80.00	80.00	1.124	1.124	1.00
18	8:17	1.00	0.992	1.00	80.00	80.00	1.210	1.210	1.00
19	8:22	1.00	1.002	1.00	80.00	80.00	1.224	1.224	1.00
20	7:55	1.00	0.948	1.00	80.00	80.00	1.438	1.438	1.00
21	3:19	1.00	0.397	1.00	80.00	80.00	0.629	0.629	1.00
22	3:19	1.00	0.397	1.00	80.00	80.00	0.876	0.876	1.00
23	8:38	1.00	1.034	1.00	80.00	80.00	0.629	0.629	1.00
24	8:40	1.00	1.038	1.00	80.00	80.00	1.119	1.119	1.00
25	8:49	1.00	1.056	1.00	80.00	80.00	1.006	1.006	1.00
26	8:50	1.00	1.058	1.00	80.00	80.00	1.334	1.334	1.00
27	9:03	1.00	1.084	1.00	80.00	80.00	1.093	1.093	1.00
28	9:04	1.00	1.086	1.00	80.00	80.00	0.620	0.620	1.00
29	9:08	1.00	1.094	1.00	80.00	80.00	0.449	0.449	1.00
30	9:18	1.00	0.901	1.00	80.00	80.00	0.291	0.291	1.00
31	9:39	1.00	0.935	1.00	80.00	80.00	0.596	0.596	1.00
32	9:47	1.00	0.948	1.00	80.00	80.00	0.190	0.190	1.00
33	9:50	1.00	0.953	1.00	80.00	80.00	0.240	0.240	1.00
34	10:06	1.00	0.979	1.00	80.00	80.00	0.146	0.146	1.00
35	9:57	1.00	0.964	1.00	80.00	80.00	0.400	0.400	1.00
36	10:09	1.00	0.984	1.00	80.00	80.00	0.263	0.263	1.00
37	10:15	1.00	0.994	1.00	80.00	80.00	0.275	0.275	1.00
38	10:22	1.00	1.005	1.00	80.00	80.00	0.841	0.841	1.00
39	10:28	1.00	1.015	1.00	80.00	80.00	0.370	0.370	1.00
40	10:35	1.00	1.026	1.00	80.00	80.00	0.128	0.128	1.00
41	11:10	1.00	1.082	1.00	80.00	80.00	0.246	0.246	1.00
42	11:23	1.00	1.103	1.00	80.00	80.00	0.576	0.576	1.00
43	11:42	1.00	0.901	1.00	80.00	80.00	0.317	0.317	1.00
44	11:51	1.00	0.913	1.00	80.00	80.00	0.332	0.332	1.00
45	11:55	1.00	0.918	1.00	80.00	80.00	0.369	0.369	1.00
46	12:08	1.00	0.935	1.00	80.00	80.00	1.064	1.064	1.00
47	12:20	1.00	0.950	1.00	80.00	80.00	0.277	0.277	1.00
48	12:35	1.00	0.969	1.00	80.00	80.00	1.134	1.134	1.00
49	12:46	1.00	0.983	1.00	80.00	80.00	1.413	1.413	1.00
50	12:58	1.00	0.999	1.00	80.00	80.00	0.231	0.231	1.00

SS1014
BS114994B

300393

Data Subject To Validation

Data: BS110994B.TI

11/09/94 10:28:00

Sample: SSTD160 290-02-SV80

Conds.: RTX-5 0.25MM X 30M 1.0UM 45/4-325@20

INST B

Formula: X X X

Instrument: B

Weight: 1.001

Submitted by:

Analyst: JAM

Acct. No.:

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

Resp. fac. from Library Entry

No	Name	
51	C550	*ACENAPHTHENE 0.8
52	C321	2,3,4,6-TETRACHLOROPHENOL
53	C555	&2,4DINITROPHENOL
54	C560	&4NITROPHENOL
55	C565	DIBENZOFURAN 0.8
56	C570	2,4DINITROTOLUENE 0.2 T
57	C543	2,6DINITROTOLUENE 0.2
58	C580	DIETHYL PHTHALATE
59	C585	4CHLOROPHENYL PHEN 0.4
60	C590	FLUDRENE 0.9
61	C595	4-NITROANILINE
62	C610	4,6DINITRO2METHYLPH
63	C615	*DIPHENYLAMINE
64	C625	4BROMOPHENYL PHENY 0.1
65	C630	CL6BENZENE 0.1 T
66	C635	*PENTACHLOROPHENOL 0.05 T
67	C640	PHENANTHRENE 0.7
68	C645	ANTHRACENE 0.7
69	C650	DI-NBUTYLPHTHALATE
70	C655	*FLUDRANTHENE 0.6
71	D200	1,2-DIPHENYLHYDRAZINE
72	C647	CARBAZOLE
73	C715	PYRENE 0.6
74	C720	BUTYLBENZYLPHTHALATE
75	C725	3,3'-CL2BENZIDINE
76	C730	BENZO(A)ANTHRACENE 0.8
77	C740	BIS(2ETHYLHEXYL)PHTH
78	C735	CHRYSENE 0.7
79	C760	*DI-N-OCTYLPHTHALATE
80	C775	*BENZO(A)PYRENE 0.7
81	C780	INDENO(1,2,3CD)PYR 0.5
82	C785	DIBENZO(A,H)ANTHRA 0.4
83	C790	BENZO(G,H,I)PERYLE 0.5
84	C765	BENZO(B)FLUORANTHE 0.7
85	C770	BENZO(K)FLUORANTHE 0.7

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
51	153	783	13:03	3	1.005	A BB	73858.	80.000 PPB	1.24
52	232	811	13:31	3	1.041	A BB	23130.	80.000 PPB	1.24
53	184	786	13:06	3	1.009	A BB	13198.	80.000 PPB	1.24
54	109	792	13:12	3	1.017	A BB	7050.	80.000 PPB	1.24
55	168	796	13:16	3	1.022	A BB	100613.	80.000 PPB	1.24
56	165	799	13:19	3	1.026	A BB	28467.	80.000 PPB	1.24
57	165	764	12:44	3	0.981	A BB	25972.	80.000 PPB	1.24
58	149	818	13:38	3	1.050	A BV	86344.	80.000 PPB	1.24

300394

Data Subject To Validation

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	XTot
59	204	825	13:45	3	1.059	A BB	41368.	80.000 PPB	1.24
60	166	828	13:48	3	1.063	A BB	85355.	80.000 PPB	1.24
61	138	836	13:56	3	1.073	A VB	6199.	80.000 PPB	1.24
62	198	836	13:56	4	0.917	A BB	17099.	80.000 PPB	1.24
63	169	837	13:57	4	0.918	A BB	44417.	80.000 PPB	1.24
64	248	868	14:28	4	0.952	A BB	21018.	80.000 PPB	1.24
65	284	884	14:44	4	0.969	A BB	20744.	80.000 PPB	1.24
66	266	900	15:00	4	0.987	A BB	16937.	80.000 PPB	1.24
67	178	915	15:15	4	1.003	A BV	117430.	80.000 PPB	1.24
68	178	919	15:19	4	1.008	A VB	108240.	80.000 PPB	1.24
69	149	960	16:00	4	1.053	A BB	138531.	80.000 PPB	1.24
70	202	1023	17:03	4	1.122	A BB	107516.	80.000 PPB	1.24
71	77	840	14:00	4	0.921	A BV	101039.	80.000 PPB	1.24
72	167	934	15:34	4	1.024	A BB	56049.	80.000 PPB	1.24
73	202	1044	17:24	5	0.888	A BV	110303.	80.000 PPB	1.24
74	149	1098	18:18	5	0.934	A BB	50539.	80.000 PPB	1.24
75	252	1170	19:30	5	0.995	A BB	4149.	80.000 PPB	1.24
76	228	1174	19:34	5	0.998	A BV	76809.	80.000 PPB	1.24
77	149	1164	19:24	5	0.990	A BB	69532.	80.000 PPB	1.24
78	228	1181	19:41	5	1.004	A VB	68758.	80.000 PPB	1.24
79	149	1263	21:03	6	0.859	A BB	101813.	80.000 PPB	1.24
80	252	1457	24:17	6	0.991	A BB	54980.	80.000 PPB	1.24
81	276	1845	30:45	6	1.255	A BB	49665.	80.000 PPB	1.24
82	278	1851	30:51	6	1.259	A BB	40850.	80.000 PPB	1.24
83	276	1959	32:39	6	1.333	A BB	42508.	80.000 PPB	1.24
84	252	1374	22:54	6	0.935	M XXg 11/19/17	69212.	80.000 PPB	1.24
85	252	1380	23:00	6	0.939	M XX	57276.	80.000 PPB	1.24

No	Ret(L)	Ratio	RRT(L)	Ratio	Amnt	Amnt(L)	R. Fac	R. Fac(L)	Ratio
51	13:03	1.00	1.005	1.00	80.00	80.00	0.950	0.950	1.00
52	13:31	1.00	1.041	1.00	80.00	80.00	0.297	0.297	1.00
53	13:06	1.00	1.009	1.00	80.00	80.00	0.170	0.170	1.00
54	13:12	1.00	1.017	1.00	80.00	80.00	0.091	0.091	1.00
55	13:16	1.00	1.022	1.00	80.00	80.00	1.294	1.294	1.00
56	13:19	1.00	1.026	1.00	80.00	80.00	0.366	0.366	1.00
57	12:44	1.00	0.981	1.00	80.00	80.00	0.334	0.334	1.00
58	13:38	1.00	1.050	1.00	80.00	80.00	1.111	1.111	1.00
59	13:45	1.00	1.059	1.00	80.00	80.00	0.532	0.532	1.00
60	13:48	1.00	1.063	1.00	80.00	80.00	1.098	1.098	1.00
61	13:56	1.00	1.073	1.00	80.00	80.00	0.080	0.080	1.00
62	13:56	1.00	0.917	1.00	80.00	80.00	0.147	0.147	1.00
63	13:57	1.00	0.918	1.00	80.00	80.00	0.382	0.382	1.00
64	14:28	1.00	0.952	1.00	80.00	80.00	0.181	0.181	1.00
65	14:44	1.00	0.969	1.00	80.00	80.00	0.178	0.178	1.00
66	15:00	1.00	0.987	1.00	80.00	80.00	0.146	0.146	1.00
67	15:15	1.00	1.003	1.00	80.00	80.00	1.010	1.010	1.00
68	15:19	1.00	1.008	1.00	80.00	80.00	0.931	0.931	1.00
69	16:00	1.00	1.053	1.00	80.00	80.00	1.191	1.191	1.00
70	17:03	1.00	1.122	1.00	80.00	80.00	0.925	0.925	1.00
71	14:00	1.00	0.921	1.00	80.00	80.00	0.869	0.869	1.00
72	15:34	1.00	1.024	1.00	80.00	80.00	0.482	0.482	1.00
73	17:24	1.00	0.888	1.00	80.00	80.00	1.627	1.627	1.00
74	18:18	1.00	0.934	1.00	80.00	80.00	0.746	0.746	1.00
75	19:30	1.00	0.995	1.00	80.00	80.00	0.061	0.061	1.00
76	19:34	1.00	0.998	1.00	80.00	80.00	1.133	1.133	1.00
77	19:24	1.00	0.990	1.00	80.00	80.00	1.026	1.026	1.00

550116
BS110914B

300395

No	Ret(L)	Ratio	RRT(L)	Ratio	Amnt	Amnt(L)	R.Fac	R.Fac(L)	Ratio
78	19:41	1.00	1.004	1.00	80.00	80.00	1.014	1.014	1.00
79	21:03	1.00	0.859	1.00	80.00	80.00	1.732	1.732	1.00
80	24:17	1.00	0.991	1.00	80.00	80.00	0.935	0.935	1.00
81	30:45	1.00	1.255	1.00	80.00	80.00	0.845	0.845	1.00
82	30:51	1.00	1.259	1.00	80.00	80.00	0.695	0.695	1.00
83	32:39	1.00	1.333	1.00	80.00	80.00	0.723	0.723	1.00
84	22:54	1.00	0.935	1.00	80.00	80.00	1.177	1.177	1.00
85	23:00	1.00	0.939	1.00	80.00	80.00	0.974	0.974	1.00

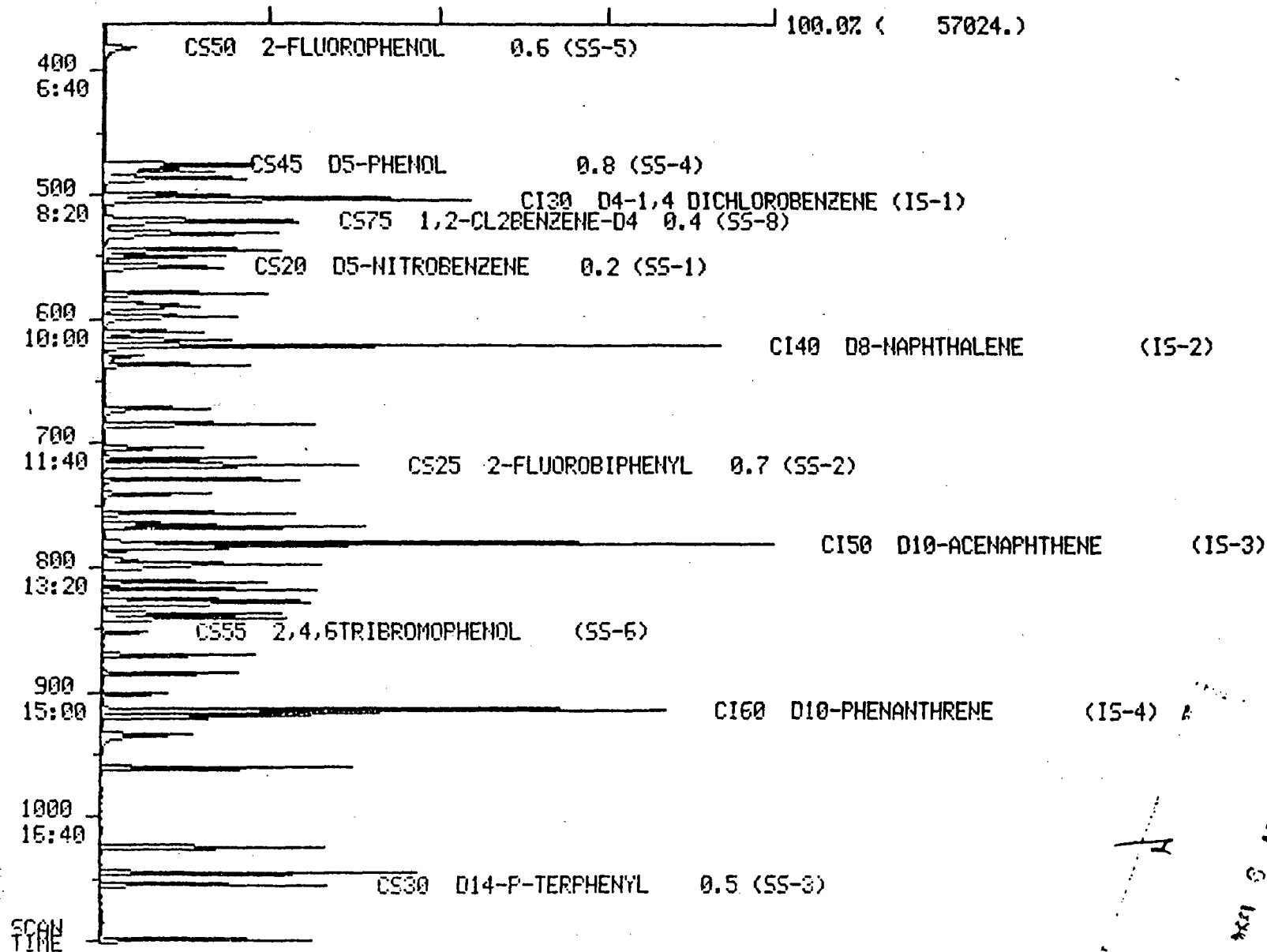
SYTD168

BS1199943

300396

Data Subject To Validation

DATA FROM FILE: BS110994C SCANS 362 TO 1102 ACQUIRED: 11/09/94 11:08:00
CALI: BS110994C #1
SAMPLE: SSTD020 290-02-SU10
COND5.: RTX-5 0.25MM X 30M 1.0UM 45/4-325020 INST B



Date Subbed 3/10/95
300397

NOV 9 1994

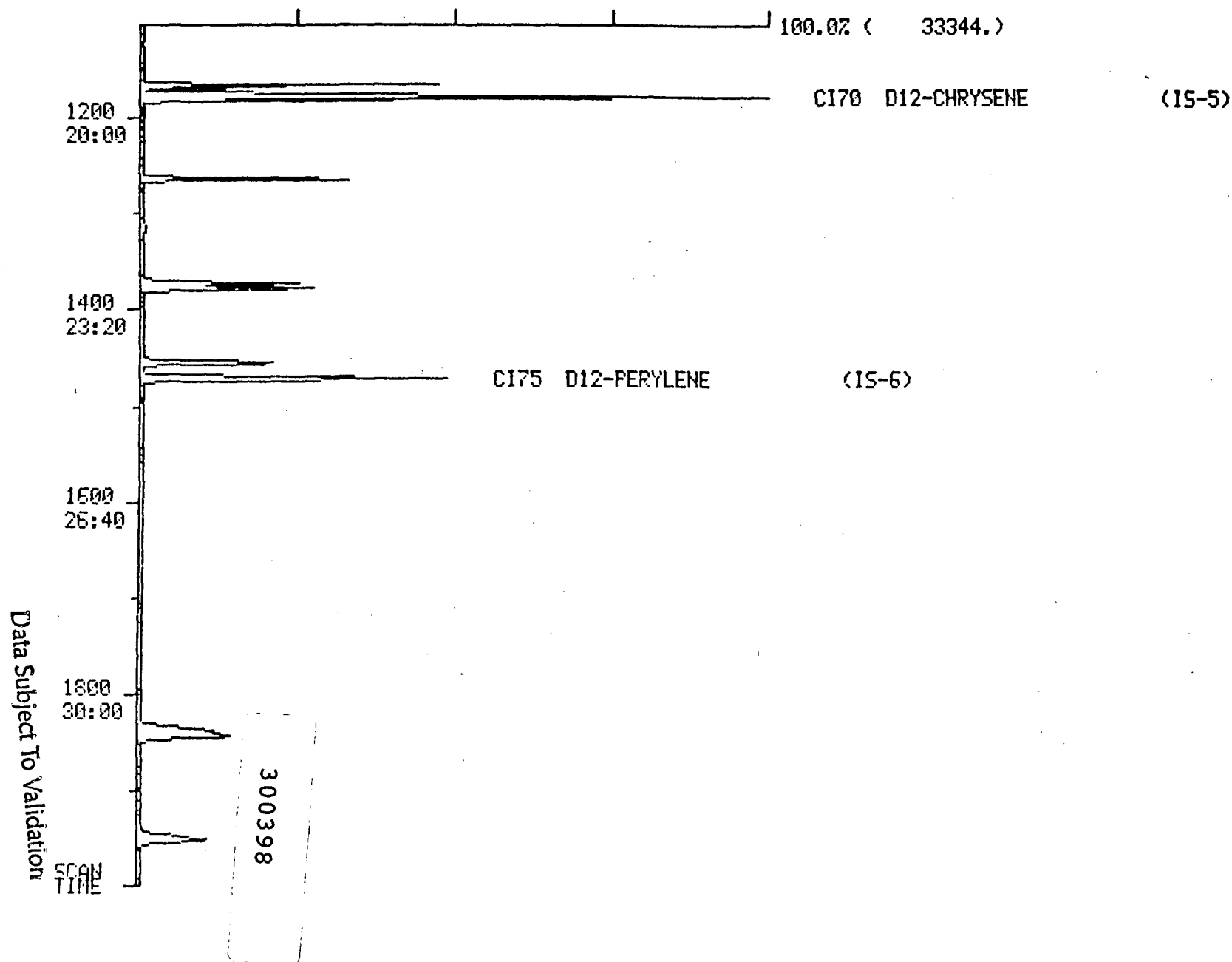
DATA FROM FILE: BS110994C

SCANS 1102 TO 2000 ACQUIRED: 11/09/94 11:08:00

CALI: BS110994C #1

SAMPLE: SSTD020 290-02-SU10

CONDS.: RTX-5 0.25MM X 30M 1.0UM 45/4-325020 INST B



Data: BS110994C.TI

11/09/94 11:08:00

Sample: SST020 290-02-SV10

Conds.: RTX-5 0.25MM X 30M 1.0UM 45/4-325@20

INST B

Formula: X X X

Instrument: B

Weight: 1.001

Submitted by:

Analyst: JAM

Acct. No.:

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

Resp. fac. from Library Entry

No	Name
1	CI30 D4-1,4 DICHLOROBENZENE (IS-1)
2	CI40 D8-NAPHTHALENE (IS-2)
3	CI50 D10-ACENAPHTHENE (IS-3)
4	CI60 D10-PHENANTHRENE (IS-4)
5	CI70 D12-CHRYSENE (IS-5)
6	CI75 D12-PERYLENE (IS-6)
7	CS50 2-FLUOROPHENOL 0.6 (SS-5)
8	CS45 D5-PHENOL 0.8 (SS-4)
9	CS20 D5-NITROBENZENE 0.2 (SS-1)
10	CS25 2-FLUOROBIPHENYL 0.7 (SS-2)
11	CS55 2,4,6TRIBROMOPHENOL (SS-6)
12	CS30 D14-P-TERPHENYL 0.5 (SS-3)
13	CS70 2-CHLOROPHENOL-D4 0.8 (SS-7)
14	CS75 1,2-CL2BENZENE-D4 0.4 (SS-8)
15	C315 *PHENOL 0.8
16	C325 BIS(2CHLOROETHYL)E 0.7
17	C330 2CHLOROPHENOL 0.8
18	C335 1,3DICHLOROBENZENE 0.6
19	C340 *1,4DICHLOROBENZENE 0.5 T
20	C320 ANILINE
21	C310 N-NITROSODIMETHYLAMINE
22	C319 PYRIDINE T
23	C345 BENZYL ALCOHOL
24	C350 1,2DICHLOROBENZENE 0.4
25	C355 2METHYLPHENOL 0.7 T
26	C357 2,2'OXYBIS(1CHLOROPR
27	C365 4METHYLPHENOL 0.6 T
28	C370 &NITROSOPROPYLAMINE 0.5
29	C375 HEXACHLOROETHANE 0.3 T
30	C410 NITROBENZENE 0.2 T
31	C415 ISOPHORONE 0.4
32	C420 *2-NITROPHENOL 0.1
33	C425 2,4-DIMETHYLPHENOL 0.2
34	C430 BENZOIC ACID
35	C435 BIS(2CHLOROETHOXY) 0.3
36	C440 *2,4DICHLOROPHENOL 0.2
37	C445 1,2,4TRICHLOROBENZ 0.2
38	C450 NAPHTHALENE 0.7
39	C455 4-CHLOROANILINE
40	C460 *CL6BUTADIENE T
41	C465 *4CHLORO3METHYLPHEN 0.2
42	C470 2METHYLNAPHTHALENE 0.4
43	C510 &CL6CYCLOPENTADIENE
44	C515 *246TRICHLOROPHNEOL 0.2 T
45	C520 2,4,5TRICHLOROPHEN 0.2 T
46	C525 2CHLORONAPHTHALENE 0.8
47	C530 2-NITROANILINE

300399

Data Subject To Validation

No	Name	
48	C535	DIMETHYL PHTHALATE
49	C540	ACENAPHTHYLENE 173
50	C545	3-NITROANILINE

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
1	152	502	8:22	1	1.000	A BB	11275.	20.000 PPB	2.20
2	136	620	10:20	2	1.000	A BB	38585.	20.000 PPB	2.20
3	164	780	13:00	3	1.000	A BB	20925.	20.000 PPB	2.20
4	188	913	15:13	4	1.000	A BB	31218.	20.000 PPB	2.20
5	240	1176	19:36	5	1.000	A BB	24953.	20.000 PPB	2.20
6	264	1470	24:30	6	1.000	A BB	26606.	20.000 PPB	2.20
7	112	380	6:20	1	0.757	A BB	5253.	10.000 PPB	1.10
8	99	474	7:54	1	0.944	A BB	6726.	10.000 PPB	1.10
9	82	556	9:16	2	0.897	A BB	5634.	10.000 PPB	1.10
10	172	717	11:57	3	0.919	A BB	11506.	10.000 PPB	1.10
11	330	851	14:11	3	1.091	A BB	1158.	10.000 PPB	1.10
12	244	1053	17:33	5	0.895	A BB	10177.	10.000 PPB	1.10
13	132	485	8:05	1	0.966	A BB	5724.	10.000 PPB	1.10
14	152	520	8:40	1	1.036	A BB	4123.	10.000 PPB	1.10
15	94	475	7:55	1	0.946	A BB	8656.	10.000 PPB	1.10
16	93	480	8:00	1	0.956	A VB	7634.	10.000 PPB	1.10
17	128	486	8:06	1	0.968	A BB	6285.	10.000 PPB	1.10
18	146	498	8:18	1	0.992	A BV	6749.	10.000 PPB	1.10
19	146	503	8:23	1	1.002	A VB	6861.	10.000 PPB	1.10
20	93	476	7:56	1	0.948	A BV	6826.	10.000 PPB	1.10
21	74	201	3:21	1	0.400	A BB	3086.	10.000 PPB	1.10
22	79	202	3:22	1	0.402	A BB	4918.	10.000 PPB	1.10
23	108	518	8:38	1	1.032	A BV	2917.	10.000 PPB	1.10
24	146	521	8:41	1	1.038	A BB	6199.	10.000 PPB	1.10
25	108	529	8:49	1	1.054	A VB	6378.	10.000 PPB	1.10
26	45	530	8:50	1	1.056	A BB	7359.	10.000 PPB	1.10
27	108	542	9:02	1	1.080	A BB	6168.	10.000 PPB	1.10
28	70	543	9:03	1	1.082	A BB	3317.	10.000 PPB	1.10
29	117	549	9:09	1	1.094	A BB	2479.	10.000 PPB	1.10
30	77	558	9:18	2	0.900	A BB	5422.	10.000 PPB	1.10
31	82	578	9:38	2	0.932	A BB	10522.	10.000 PPB	1.10
32	139	587	9:47	2	0.947	A BB	3287.	10.000 PPB	1.10
33	107	590	9:50	2	0.952	A BB	4247.	10.000 PPB	1.10
34	122	599	9:59	2	0.966	A VB	2454.	10.000 PPB	1.10
35	93	597	9:57	2	0.963	A BB	7241.	10.000 PPB	1.10
36	162	609	10:09	2	0.982	A BB	4994.	10.000 PPB	1.10
37	180	615	10:15	2	0.992	A BB	5190.	10.000 PPB	1.10
38	128	622	10:22	2	1.003	A BB	17066.	10.000 PPB	1.10
39	127	629	10:29	2	1.015	A VB	5289.	10.000 PPB	1.10
40	225	636	10:36	2	1.026	A BB	2485.	10.000 PPB	1.10
41	107	671	11:11	2	1.082	A BB	4375.	10.000 PPB	1.10
42	142	683	11:23	2	1.102	A BB	10825.	10.000 PPB	1.10
43	237	703	11:43	3	0.901	A BB	2651.	10.000 PPB	1.10
44	196	711	11:51	3	0.912	A BV	3523.	10.000 PPB	1.10
45	196	716	11:56	3	0.918	A VB	3603.	10.000 PPB	1.10
46	162	728	12:08	3	0.933	A BB	10456.	10.000 PPB	1.10
47	65	740	12:20	3	0.949	A BB	2826.	10.000 PPB	1.10
48	163	755	12:35	3	0.968	A BB	11556.	10.000 PPB	1.10
49	152	766	12:46	3	0.982	A BB	17369.	10.000 PPB	1.10
50	138	778	12:58	3	0.997	A BB	913.	10.000 PPB	1.10

5570029

851199940

300400

Data Subject To Validation

No	Ret(L)	Ratio	RRT(L)	Ratio	Amnt	Amnt(L)	R. Fac	R. Fac(L)	Ratio
1	8:22	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
2	10:20	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
3	13:00	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
4	15:13	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
5	19:36	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
6	24:30	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
7	6:20	1.00	0.757	1.00	10.00	10.00	0.932	0.932	1.00
8	7:54	1.00	0.944	1.00	10.00	10.00	1.193	1.193	1.00
9	9:16	1.00	0.897	1.00	10.00	10.00	0.292	0.292	1.00
10	11:57	1.00	0.919	1.00	10.00	10.00	1.100	1.100	1.00
11	14:11	1.00	1.091	1.00	10.00	10.00	0.111	0.111	1.00
12	17:33	1.00	0.895	1.00	10.00	10.00	0.816	0.816	1.00
13	8:05	1.00	0.966	1.00	10.00	10.00	1.015	1.015	1.00
14	8:40	1.00	1.036	1.00	10.00	10.00	0.731	0.731	1.00
15	7:55	1.00	0.946	1.00	10.00	10.00	1.535	1.535	1.00
16	8:00	1.00	0.956	1.00	10.00	10.00	1.354	1.354	1.00
17	8:06	1.00	0.968	1.00	10.00	10.00	1.115	1.115	1.00
18	8:18	1.00	0.992	1.00	10.00	10.00	1.197	1.197	1.00
19	8:23	1.00	1.002	1.00	10.00	10.00	1.217	1.217	1.00
20	7:56	1.00	0.948	1.00	10.00	10.00	1.211	1.211	1.00
21	3:21	1.00	0.400	1.00	10.00	10.00	0.547	0.547	1.00
22	3:22	1.00	0.402	1.00	10.00	10.00	0.872	0.872	1.00
23	8:38	1.00	1.032	1.00	10.00	10.00	0.518	0.518	1.00
24	8:41	1.00	1.038	1.00	10.00	10.00	1.100	1.100	1.00
25	8:49	1.00	1.054	1.00	10.00	10.00	1.131	1.131	1.00
26	8:50	1.00	1.056	1.00	10.00	10.00	1.305	1.305	1.00
27	9:02	1.00	1.080	1.00	10.00	10.00	1.094	1.094	1.00
28	9:03	1.00	1.082	1.00	10.00	10.00	0.588	0.588	1.00
29	9:09	1.00	1.094	1.00	10.00	10.00	0.440	0.440	1.00
30	9:18	1.00	0.900	1.00	10.00	10.00	0.281	0.281	1.00
31	9:38	1.00	0.932	1.00	10.00	10.00	0.545	0.545	1.00
32	9:47	1.00	0.947	1.00	10.00	10.00	0.170	0.170	1.00
33	9:50	1.00	0.952	1.00	10.00	10.00	0.220	0.220	1.00
34	9:59	1.00	0.966	1.00	10.00	10.00	0.127	0.127	1.00
35	9:57	1.00	0.963	1.00	10.00	10.00	0.375	0.375	1.00
36	10:09	1.00	0.982	1.00	10.00	10.00	0.259	0.259	1.00
37	10:15	1.00	0.992	1.00	10.00	10.00	0.269	0.269	1.00
38	10:22	1.00	1.003	1.00	10.00	10.00	0.885	0.885	1.00
39	10:29	1.00	1.015	1.00	10.00	10.00	0.274	0.274	1.00
40	10:36	1.00	1.026	1.00	10.00	10.00	0.129	0.129	1.00
41	11:11	1.00	1.082	1.00	10.00	10.00	0.227	0.227	1.00
42	11:23	1.00	1.102	1.00	10.00	10.00	0.561	0.561	1.00
43	11:43	1.00	0.901	1.00	10.00	10.00	0.253	0.253	1.00
44	11:51	1.00	0.912	1.00	10.00	10.00	0.337	0.337	1.00
45	11:56	1.00	0.918	1.00	10.00	10.00	0.344	0.344	1.00
46	12:08	1.00	0.933	1.00	10.00	10.00	0.999	0.999	1.00
47	12:20	1.00	0.949	1.00	10.00	10.00	0.270	0.270	1.00
48	12:35	1.00	0.968	1.00	10.00	10.00	1.105	1.105	1.00
49	12:46	1.00	0.982	1.00	10.00	10.00	1.660	1.660	1.00
50	12:58	1.00	0.997	1.00	10.00	10.00	0.087	0.087	1.00

SST0024
BS110994C

300401

Data Subject To Validation

Data: BS110994C.TI

11/09/94 11:08:00

Sample: SST020 290-02-SV10

Conds.: RTX-5 0.25MM X 30M 1.0UM 45/4-325020

INST B

Formula: X X X

Instrument: B

Weight: 1.001

Submitted by:

Analyst: JAM

Acct. No.:

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

Resp. fac. from Library Entry

No	Name	
51	C550 *ACENAPHTHENE	0.8
52	C321 2,3,4,6-TETRACHLOROPHENOL	
53	C555 &2,4DINITROPHENOL	
54	C560 &4NITROPHENOL	
55	C565 DIBENZOFURAN	0.8
56	C570 2,4DINITROTOLUENE	0.2 T
57	C543 2,6DINITROTOLUENE	0.2
58	C580 DIETHYL PHTHALATE	
59	C585 4CHLOROPHENYL PHEN	0.4
60	C590 FLUORENE	0.9
61	C595 4-NITROANILINE	
62	C610 4,6DINITRO2METHYLPH	
63	C615 *DIPHENYLAMINE	
64	C625 4BROMOPHENYL PHENY	0.1
65	C630 CL6BENZENE	0.1 T
66	C635 *PENTACHLOROPHENOL	0.05 T
67	C650 DI-NBUTYLPHTHALATE	
68	C655 *FLUDRANTHENE	0.6
69	D200 1,2-DIPHENYLHYDRAZINE	
70	C647 CARBAZOLE	
71	C715 PYRENE	0.6
72	C720 BUTYLBENZYLPHTHALATE	
73	C725 3,3'-CL2BENZIDINE	
74	C730 BENZO(A)ANTHRACENE	0.8
75	C740 BIS(2ETHYLHEXYL)PHTH	
76	C735 CHRYSENE	0.7
77	C760 *DI-N-OCTYLPHTHALATE	
78	C765 BENZO(B)FLUORANTHE	0.7
79	C770 BENZO(K)FLUORANTHE	0.7
80	C775 *BENZO(A)PYRENE	0.7
81	C780 INDENO(1,2,3CD)PYR	0.5
82	C785 DIBENZO(A,H)ANTHRA	0.4
83	C790 BENZO(G,H,I)PERYLE	0.5
84	C640 PHENANTHRENE	0.7
85	C645 ANTHRACENE	0.7

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
51	153	783	13:03	3	1.004	A BB	9553.	10.000 PPB	1.10
52	232	811	13:31	3	1.040	A BB	3119.	10.000 PPB	1.10
53	184	786	13:06	3	1.008	A BB	1100.	10.000 PPB	1.10
54	109	792	13:12	3	1.015	A BB	686.	10.000 PPB	1.10
55	168	796	13:16	3	1.021	A BB	14138.	10.000 PPB	1.10
56	165	798	13:18	3	1.023	A BB	3534.	10.000 PPB	1.10
57	165	763	12:43	3	0.978	A BB	2928.	10.000 PPB	1.10
58	149	817	13:37	3	1.047	A BB	10779.	10.000 PPB	1.10

300402

Data Subject To Validation

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
59	204	825	13:45	3	1.058	A BB	5345.	10.000 PPB	1.10
60	166	827	13:47	3	1.060	A BB	11505.	10.000 PPB	1.10
61	138	835	13:55	3	1.071	A VB	1539.	10.000 PPB	1.10
62	198	835	13:55	4	0.915	A BB	1896.	10.000 PPB	1.10
63	169	836	13:56	4	0.916	A BB	6620.	10.000 PPB	1.10
64	248	869	14:29	4	0.952	A BB	2962.	10.000 PPB	1.10
65	284	884	14:44	4	0.968	A BB	2889.	10.000 PPB	1.10
66	266	900	15:00	4	0.986	A BB	1684.	10.000 PPB	1.10
67	149	960	16:00	4	1.051	A BB	19015.	10.000 PPB	1.10
68	202	1022	17:02	4	1.119	A BB	16186.	10.000 PPB	1.10
69	77	839	13:59	4	0.919	A BB	11572.	10.000 PPB	1.10
70	167	933	15:33	4	1.022	A BB	13167.	10.000 PPB	1.10
71	202	1044	17:24	5	0.888	A BB	16994.	10.000 PPB	1.10
72	149	1098	18:18	5	0.934	A BB	8488.	10.000 PPB	1.10
73	252	1167	19:27	5	0.992	A BB	3485.	10.000 PPB	1.10
74	228	1173	19:33	5	0.997	A BV	14398.	10.000 PPB	1.10
75	149	1163	19:23	5	0.989	A BB	11639.	10.000 PPB	1.10
76	228	1179	19:39	5	1.003	A VB	13060.	10.000 PPB	1.10
77	149	1262	21:02	6	0.859	A BB	19173.	10.000 PPB	1.10
78	252	1371	22:51	6	0.933	A BV	13884.	10.000 PPB	1.10
79	252	1376	22:56	6	0.936	A VB	12380.	10.000 PPB	1.10
80	252	1453	24:13	6	0.988	A BB	12605.	10.000 PPB	1.10
81	276	1836	30:36	6	1.249	A BB	13221.	10.000 PPB	1.10
82	278	1842	30:42	6	1.253	A BB	10243.	10.000 PPB	1.10
83	276	1950	32:30	6	1.327	A BB	11093.	10.000 PPB	1.10
84	178	915	15:15	4	1.002	M XX	15659.	10.000 PPB	1.10
85	178	918	15:18	4	1.005	M XX	16210.	10.000 PPB	1.10

No	Ret(L)	Ratio	RRT(L)	Ratio	Amnt	Amnt(L)	R. Fac	R. Fac(L)	Ratio
51	13:03	1.00	1.004	1.00	10.00	10.00	0.913	0.913	1.00
52	13:31	1.00	1.040	1.00	10.00	10.00	0.298	0.298	1.00
53	13:06	1.00	1.008	1.00	10.00	10.00	0.105	0.105	1.00
54	13:12	1.00	1.015	1.00	10.00	10.00	0.066	0.066	1.00
55	13:16	1.00	1.021	1.00	10.00	10.00	1.351	1.351	1.00
56	13:18	1.00	1.023	1.00	10.00	10.00	0.338	0.338	1.00
57	12:43	1.00	0.978	1.00	10.00	10.00	0.280	0.280	1.00
58	13:37	1.00	1.047	1.00	10.00	10.00	1.030	1.030	1.00
59	13:45	1.00	1.058	1.00	10.00	10.00	0.511	0.511	1.00
60	13:47	1.00	1.060	1.00	10.00	10.00	1.100	1.100	1.00
61	13:55	1.00	1.071	1.00	10.00	10.00	0.147	0.147	1.00
62	13:55	1.00	0.915	1.00	10.00	10.00	0.121	0.121	1.00
63	13:56	1.00	0.916	1.00	10.00	10.00	0.424	0.424	1.00
64	14:29	1.00	0.952	1.00	10.00	10.00	0.190	0.190	1.00
65	14:44	1.00	0.968	1.00	10.00	10.00	0.185	0.185	1.00
66	15:00	1.00	0.986	1.00	10.00	10.00	0.108	0.108	1.00
67	16:00	1.00	1.051	1.00	10.00	10.00	1.218	1.218	1.00
68	17:02	1.00	1.119	1.00	10.00	10.00	1.037	1.037	1.00
69	13:59	1.00	0.919	1.00	10.00	10.00	0.741	0.741	1.00
70	15:33	1.00	1.022	1.00	10.00	10.00	0.844	0.844	1.00
71	17:24	1.00	0.888	1.00	10.00	10.00	1.362	1.362	1.00
72	18:18	1.00	0.934	1.00	10.00	10.00	0.680	0.680	1.00
73	19:27	1.00	0.992	1.00	10.00	10.00	0.279	0.279	1.00
74	19:33	1.00	0.997	1.00	10.00	10.00	1.154	1.154	1.00
75	19:23	1.00	0.989	1.00	10.00	10.00	0.933	0.933	1.00
76	19:39	1.00	1.003	1.00	10.00	10.00	1.047	1.047	1.00
77	21:02	1.00	0.859	1.00	10.00	10.00	1.441	1.441	1.00

5570624
35119554C

300403

Data Subject To Validation

No	Ret(L)	Ratio	RRT(L)	Ratio	Amnt	Amnt(L)	R. Fac	R. Fac(L)	Ratio
78	22:51	1.00	0.933	1.00	10.00	10.00	1.044	1.044	1.00
79	22:56	1.00	0.936	1.00	10.00	10.00	0.931	0.931	1.00
80	24:13	1.00	0.988	1.00	10.00	10.00	0.948	0.948	1.00
81	30:36	1.00	1.249	1.00	10.00	10.00	0.994	0.994	1.00
82	30:42	1.00	1.253	1.00	10.00	10.00	0.770	0.770	1.00
83	32:30	1.00	1.327	1.00	10.00	10.00	0.834	0.834	1.00
84	15:15	1.00	1.002	1.00	10.00	10.00	1.003	1.003	1.00
85	15:18	1.00	1.005	1.00	10.00	10.00	1.039	1.039	1.00

SST0020
BS110994C

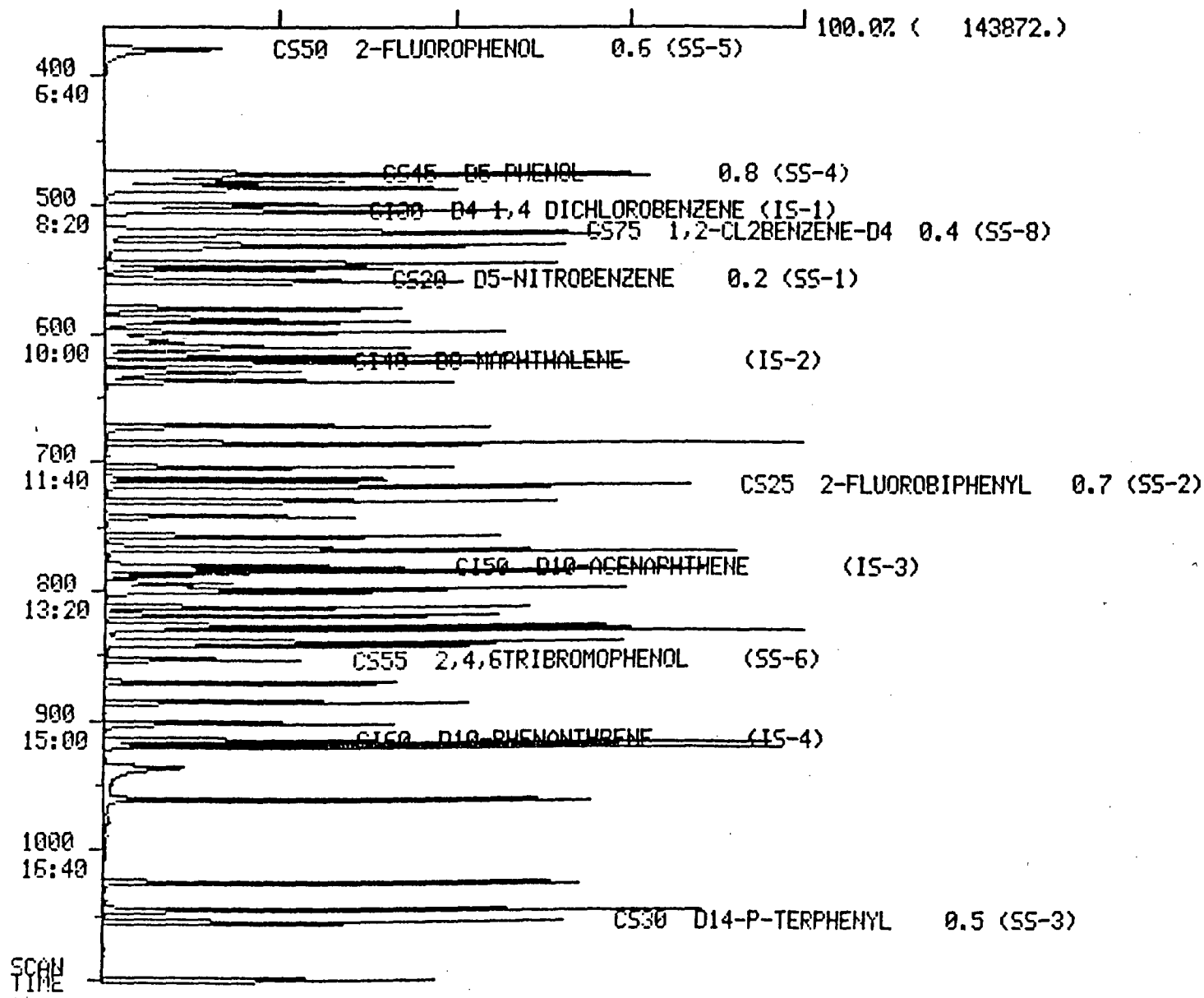
300404

Data Subject To Validation

DATA FROM FILE: BS110994D SCANS 362 TO 1102 ACQUIRED: 11/09/94 11:48:00
CALI: BS110994D #1

SAMPLE: SSTD120 290-02-SU60

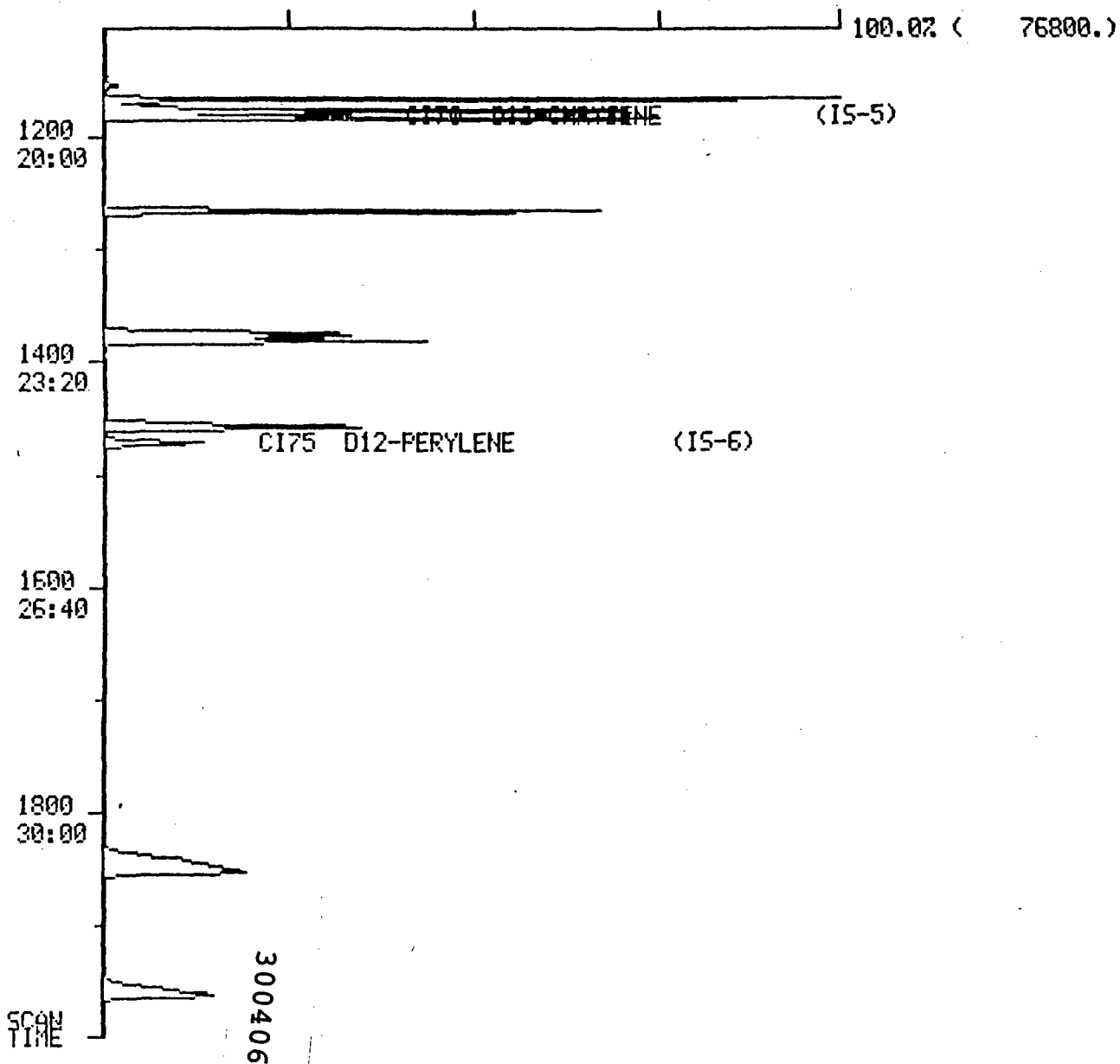
CONDS.: RTX-5 0.25MM X 30M 1.0UM 45/4-325020 INST B



Data Subject To Validation
300405

NOV 9 1994

DATA FROM FILE: BS110994D SCANS 1102 TO 2000 ACQUIRED: 11/09/94 11:48:00
CALI: BS110994D #1
SAMPLE: SSTD120 290-02-SV60
CONDS.: RTX-5 0.25MM X 30M 1.0UM 45/4-325020 INST B



Data Subject To Validation

Data: BS110994D.TI

11/09/94 11:48:00

Sample: SSTD120 290-02-SV60

Conds.: RTX-5 0.25MM X 30M 1.0UM 45/4-325e20

INST B

Formula: X X X

Instrument: B

Weight: 1.001

Submitted by:

Analyst: JAM

Acct. No.:

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

Resp. fac. from Library Entry

No	Name
1	CI30 D4-1,4 DICHLOROBENZENE (IS-1)
2	CI40 D8-NAPHTHALENE (IS-2)
3	CI50 D10-ACENAPHTHENE (IS-3)
4	CI60 D10-PHENANTHRENE (IS-4)
5	CI70 D12-CHRYSENE (IS-5)
6	CI75 D12-PERYLENE (IS-6)
7	CS50 2-FLUOROPHENOL 0.6 (SS-5)
8	CS45 D5-PHENOL 0.8 (SS-4)
9	CS20 D5-NITROBENZENE 0.2 (SS-1)
10	CS25 2-FLUOROBIPHENYL 0.7 (SS-2)
11	CS55 2,4,6TRIBROMOPHENOL (SS-6)
12	CS30 D14-P-TERPHENYL 0.5 (SS-3)
13	CS70 2-CHLOROPHENOL-D4 0.8 (SS-7)
14	CS75 1,2-CL2BENZENE-D4 0.4 (SS-8)
15	C315 *PHENOL 0.8
16	C325 BIS(2CHLOROETHYL)E 0.7
17	C330 2CHLOROPHENOL 0.8
18	C335 1,3DICHLOROBENZENE 0.6
19	C340 *1,4DICHLOROBENZENE 0.5 T
20	C320 ANILINE
21	C310 N-NITROSODIMETHYLAMINE
22	C319 PYRIDINE T
23	C345 BENZYL ALCOHOL
24	C350 1,2DICHLOROBENZENE 0.4
25	C355 2METHYLPHENOL 0.7 T
26	C357 2,2'OXYBIS(1CHLOROPR
27	C365 4METHYLPHENOL 0.6 T
28	C370 &NITROSOPROPYLAMINE 0.5
29	C375 HEXACHLOROETHANE 0.3 T
30	C410 NITROBENZENE 0.2 T
31	C415 ISOPHORONE 0.4
32	C420 *2-NITROPHENOL 0.1
33	C425 2,4-DIMETHYLPHENOL 0.2
34	C430 BENZOIC ACID
35	C435 BIS(2CHLOROETHOXY) 0.3
36	C440 *2,4DICHLOROPHENOL 0.2
37	C445 1,2,4TRICHLOROBENZ 0.2
38	C450 NAPHTHALENE 0.7
39	C455 4-CHLOROANILINE
40	C460 *CL6BUTADIENE T
41	C465 *4CHLORO3METHYLPHEN 0.2
42	C470 2METHYLNAPHTHALENE 0.4
43	C510 &CL6CYCLOPENTADIENE
44	C515 *246TRICHLOROPHNEOL 0.2 T
45	C520 2,4,5TRICHLOROPHEN 0.2 T
46	C525 2CHLORONAPHTHALENE 0.8
47	C530 2-NITROANILINE

300407

Data Subject To Validation

No	Name	
48	C535	DIMETHYL PHTHALATE
49	C540	ACENAPHTHYLENE 1.3
50	C545	3-NITROANILINE

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
1	152	502	8:22	1	1.000	A BB	10537.	20.000 PPB	0.41
2	136	620	10:20	2	1.000	A BB	35662.	20.000 PPB	0.41
3	164	780	13:00	3	1.000	A BB	19566.	20.000 PPB	0.41
4	188	913	15:13	4	1.000	A BB	29511.	20.000 PPB	0.41
5	240	1177	19:37	5	1.000	A BB	18310.	20.000 PPB	0.41
6	264	1471	24:31	6	1.000	A BB	16752.	20.000 PPB	0.41
7	112	378	6:18	1	0.753	A BB	32550.	60.000 PPB	1.23
8	99	474	7:54	1	0.944	A BV	42973.	60.000 PPB	1.23
9	82	557	9:17	2	0.898	A BB	31873.	60.000 PPB	1.23
10	172	717	11:57	3	0.919	A BB	60592.	60.000 PPB	1.23
11	330	852	14:12	3	1.092	A BB	7146.	60.000 PPB	1.23
12	244	1054	17:34	5	0.895	A BB	47947.	60.000 PPB	1.23
13	132	485	8:05	1	0.966	A BB	35752.	60.000 PPB	1.23
14	152	520	8:40	1	1.036	A BB	22656.	60.000 PPB	1.23
15	94	476	7:56	1	0.948	A BB	51743.	60.000 PPB	1.23
16	93	481	8:01	1	0.958	A VB	45939.	60.000 PPB	1.23
17	128	486	8:06	1	0.968	A BB	36433.	60.000 PPB	1.23
18	146	498	8:18	1	0.992	A BV	40853.	60.000 PPB	1.23
19	146	503	8:23	1	1.002	A VB	41213.	60.000 PPB	1.23
20	93	476	7:56	1	0.948	A BV	45849.	60.000 PPB	1.23
21	74	199	3:19	1	0.396	A BB	20700.	60.000 PPB	1.23
22	79	199	3:19	1	0.396	A BB	29433.	60.000 PPB	1.23
23	108	518	8:38	1	1.032	A BV	19544.	60.000 PPB	1.23
24	146	521	8:41	1	1.038	A BB	38563.	60.000 PPB	1.23
25	108	530	8:50	1	1.056	A VB	33006.	60.000 PPB	1.23
26	45	530	8:50	1	1.056	A BB	42716.	60.000 PPB	1.23
27	108	543	9:03	1	1.082	A BB	32504.	60.000 PPB	1.23
28	70	545	9:05	1	1.086	A BB	20736.	60.000 PPB	1.23
29	117	549	9:09	1	1.094	A BB	14837.	60.000 PPB	1.23
30	77	559	9:19	2	0.902	A BB	34432.	60.000 PPB	1.23
31	82	579	9:39	2	0.934	A BV	65071.	60.000 PPB	1.23
32	139	587	9:47	2	0.947	A BB	19786.	60.000 PPB	1.23
33	107	590	9:50	2	0.952	A BB	23894.	60.000 PPB	1.23
34	122	606	10:06	2	0.977	A VB	17435.	60.000 PPB	1.23
35	93	598	9:58	2	0.965	A BB	44033.	60.000 PPB	1.23
36	162	609	10:09	2	0.982	A BB	28289.	60.000 PPB	1.23
37	180	616	10:16	2	0.994	A BB	29790.	60.000 PPB	1.23
38	128	622	10:22	2	1.003	A BV	89113.	60.000 PPB	1.23
39	127	629	10:29	2	1.015	A BB	38828.	60.000 PPB	1.23
40	225	636	10:36	2	1.026	A BB	13762.	60.000 PPB	1.23
41	107	671	11:11	2	1.082	A BB	27386.	60.000 PPB	1.23
42	142	684	11:24	2	1.103	A BB	66210.	60.000 PPB	1.23
43	237	703	11:43	3	0.901	A BB	17508.	60.000 PPB	1.23
44	196	711	11:51	3	0.912	A BV	19552.	60.000 PPB	1.23
45	196	716	11:56	3	0.918	A VB	22302.	60.000 PPB	1.23
46	162	728	12:08	3	0.933	A BB	59680.	60.000 PPB	1.23
47	65	741	12:21	3	0.950	A BB	17201.	60.000 PPB	1.23
48	163	756	12:36	3	0.969	A BB	65299.	60.000 PPB	1.23
49	152	767	12:47	3	0.983	A BB	91731.	60.000 PPB	1.23
50	138	779	12:59	3	0.999	A VB	9340.	60.000 PPB	1.23

JST0174

BS11099540

300408

Data Subject To Validation

No	Ret(L)	Ratio	RRT(L)	Ratio	Amnt	Amnt(L)	R. Fac	R. Fac(L)	Ratio
1	8:22	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
2	10:20	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
3	13:00	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
4	15:13	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
5	19:37	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
6	24:31	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
7	6:18	1.00	0.753	1.00	60.00	60.00	1.030	1.030	1.00
8	7:54	1.00	0.944	1.00	60.00	60.00	1.359	1.359	1.00
9	9:17	1.00	0.898	1.00	60.00	60.00	0.298	0.298	1.00
10	11:57	1.00	0.919	1.00	60.00	60.00	1.032	1.032	1.00
11	14:12	1.00	1.092	1.00	60.00	60.00	0.122	0.122	1.00
12	17:34	1.00	0.895	1.00	60.00	60.00	0.873	0.873	1.00
13	8:05	1.00	0.966	1.00	60.00	60.00	1.131	1.131	1.00
14	8:40	1.00	1.036	1.00	60.00	60.00	0.717	0.717	1.00
15	7:56	1.00	0.948	1.00	60.00	60.00	1.637	1.637	1.00
16	8:01	1.00	0.958	1.00	60.00	60.00	1.453	1.453	1.00
17	8:06	1.00	0.968	1.00	60.00	60.00	1.153	1.153	1.00
18	8:18	1.00	0.992	1.00	60.00	60.00	1.292	1.292	1.00
19	8:23	1.00	1.002	1.00	60.00	60.00	1.304	1.304	1.00
20	7:56	1.00	0.948	1.00	60.00	60.00	1.450	1.450	1.00
21	3:19	1.00	0.396	1.00	60.00	60.00	0.655	0.655	1.00
22	3:19	1.00	0.396	1.00	60.00	60.00	0.931	0.931	1.00
23	8:38	1.00	1.032	1.00	60.00	60.00	0.618	0.618	1.00
24	8:41	1.00	1.038	1.00	60.00	60.00	1.220	1.220	1.00
25	8:50	1.00	1.056	1.00	60.00	60.00	1.044	1.044	1.00
26	8:50	1.00	1.056	1.00	60.00	60.00	1.351	1.351	1.00
27	9:03	1.00	1.082	1.00	60.00	60.00	1.028	1.028	1.00
28	9:05	1.00	1.086	1.00	60.00	60.00	0.656	0.656	1.00
29	9:09	1.00	1.094	1.00	60.00	60.00	0.469	0.469	1.00
30	9:19	1.00	0.902	1.00	60.00	60.00	0.322	0.322	1.00
31	9:39	1.00	0.934	1.00	60.00	60.00	0.608	0.608	1.00
32	9:47	1.00	0.947	1.00	60.00	60.00	0.185	0.185	1.00
33	9:50	1.00	0.952	1.00	60.00	60.00	0.223	0.223	1.00
34	10:06	1.00	0.977	1.00	60.00	60.00	0.163	0.163	1.00
35	9:58	1.00	0.965	1.00	60.00	60.00	0.412	0.412	1.00
36	10:09	1.00	0.982	1.00	60.00	60.00	0.264	0.264	1.00
37	10:16	1.00	0.994	1.00	60.00	60.00	0.278	0.278	1.00
38	10:22	1.00	1.003	1.00	60.00	60.00	0.833	0.833	1.00
39	10:29	1.00	1.015	1.00	60.00	60.00	0.363	0.363	1.00
40	10:36	1.00	1.026	1.00	60.00	60.00	0.129	0.129	1.00
41	11:11	1.00	1.082	1.00	60.00	60.00	0.256	0.256	1.00
42	11:24	1.00	1.103	1.00	60.00	60.00	0.619	0.619	1.00
43	11:43	1.00	0.901	1.00	60.00	60.00	0.298	0.298	1.00
44	11:51	1.00	0.912	1.00	60.00	60.00	0.333	0.333	1.00
45	11:56	1.00	0.918	1.00	60.00	60.00	0.380	0.380	1.00
46	12:08	1.00	0.933	1.00	60.00	60.00	1.017	1.017	1.00
47	12:21	1.00	0.950	1.00	60.00	60.00	0.293	0.293	1.00
48	12:36	1.00	0.969	1.00	60.00	60.00	1.112	1.112	1.00
49	12:47	1.00	0.983	1.00	60.00	60.00	1.563	1.563	1.00
50	12:59	1.00	0.999	1.00	60.00	60.00	0.159	0.159	1.00

STO124

BS1149940

300409

Data Subject To Validation

Data: BS110994D.TI

11/09/94 11:48:00

Sample: SSTD120 290-02-SV60

Conds.: RTX-5 0.25MM X 30M 1.0UM 45/4-325020

INST B

Formula: X X X

Instrument: B

Weight: 1.001

Submitted by:

Analyst: JAM

Acct. No.:

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

Resp. fac. from Library Entry

No	Name	
51	C550 *ACENAPHTHENE	0.8
52	C321 2,3,4,6-TETRACHLOROPHENOL	
53	C555 &2,4DINITROPHENOL	
54	C560 &4NITROPHENOL	
55	C565 DIBENZOFURAN	0.8
56	C570 2,4DINITROTOLUENE	0.2 T
57	C543 2,6DINITROTOLUENE	0.2
58	C580 DIETHYL PHTHALATE	
59	C585 4CHLOROPHENYL PHEN	0.4
60	C590 FLUORENE	0.9
61	C595 4-NITROANILINE	
62	C610 4,6DINITRO2METHYLPH	
63	C615 *DIPHENYLAMINE	
64	C625 4BROMOPHENYL PHENY	0.1
65	C630 CL6BENZENE	0.1 T
66	C635 *PENTACHLOROPHENOL	0.05 T
67	C640 PHENANTHRENE	0.7
68	C645 ANTHRACENE	0.7
69	C650 DI-NBUTYLPHTHALATE	
70	C655 *FLUORANTHENE	0.6
71	D200 1,2-DIPHENYLHYDRAZINE	
72	C647 CARBAZOLE	
73	C715 PYRENE	0.6
74	C720 BUTYLBENZYLPHTHALATE	
75	C725 3,3'-CL2BENZIDINE	
76	C730 BENZO(A)ANTHRACENE	0.8
77	C740 BIS(2ETHYLHEXYL)PHTH	
78	C735 CHRYSENE	0.7
79	C760 *DI-N-OCTYLPHTHALATE	
80	C775 *BENZO(A)PYRENE	0.7
81	C780 INDENO(1,2,3CD)PYR	0.5
82	C785 DIBENZO(A,H)ANTHRA	0.4
83	C790 BENZO(G,H,I)PERYLE	0.5
84	C765 BENZO(B)FLUORANTHE	0.7
85	C770 BENZO(K)FLUORANTHE	0.7

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
51	153	783	13:03	3	1.004	A BB	52715.	60.000 PPB	1.23
52	232	812	13:32	3	1.041	A BB	18594.	60.000 PPB	1.23
53	184	787	13:07	3	1.009	A BB	10409.	60.000 PPB	1.23
54	109	793	13:13	3	1.017	A BB	5381.	60.000 PPB	1.23
55	168	797	13:17	3	1.022	A BB	75675.	60.000 PPB	1.23
56	165	800	13:20	3	1.026	A BB	22170.	60.000 PPB	1.23
57	165	764	12:44	3	0.979	A BB	17232.	60.000 PPB	1.23
58	149	818	13:38	3	1.049	A BB	61901.	60.000 PPB	1.23

300410

Data Subject To Validation

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
59	204	826	13:46	3	1.059	A BB	32173.	60.000 PPB	1.23
60	166	829	13:49	3	1.063	A BB	68643.	60.000 PPB	1.23
61	138	837	13:57	3	1.073	A VB	6633.	60.000 PPB	1.23
62	198	837	13:57	4	0.917	A BB	12852.	60.000 PPB	1.23
63	169	838	13:58	4	0.918	A BB	36106.	60.000 PPB	1.23
64	248	869	14:29	4	0.952	A BB	15838.	60.000 PPB	1.23
65	284	885	14:45	4	0.969	A BB	16296.	60.000 PPB	1.23
66	266	901	15:01	4	0.987	A BB	12616.	60.000 PPB	1.23
67	178	916	15:16	4	1.003	A BV	93076.	60.000 PPB	1.23
68	178	920	15:20	4	1.008	A VB	94272.	60.000 PPB	1.23
69	149	961	16:01	4	1.053	A BB	112068.	60.000 PPB	1.23
70	202	1023	17:03	4	1.120	A BB	83216.	60.000 PPB	1.23
71	77	841	14:01	4	0.921	A BB	74249.	60.000 PPB	1.23
72	167	935	15:35	4	1.024	A BB	41797.	60.000 PPB	1.23
73	202	1045	17:25	5	0.888	A BB	79977.	60.000 PPB	1.23
74	149	1098	18:18	5	0.933	A BB	41173.	60.000 PPB	1.23
75	252	1170	19:30	5	0.994	A BB	4604.	60.000 PPB	1.23
76	228	1174	19:34	5	0.997	A BV	60473.	60.000 PPB	1.23
77	149	1164	19:24	5	0.989	A BB	55996.	60.000 PPB	1.23
78	228	1181	19:41	5	1.003	A VB	55856.	60.000 PPB	1.23
79	149	1264	21:04	6	0.859	A BB	84020.	60.000 PPB	1.23
80	252	1457	24:17	6	0.990	A BB	46588.	60.000 PPB	1.23
81	276	1843	30:43	6	1.253	A BB	44926.	60.000 PPB	1.23
82	278	1851	30:51	6	1.258	A BB	34808.	60.000 PPB	1.23
83	276	1961	32:41	6	1.333	A BB	36370.	60.000 PPB	1.23
84	252	1374	22:54	6	0.934	M XXG n/2/14	57638.	60.000 PPB	1.23
85	252	1380	23:00	6	0.938	M XX	48508.	60.000 PPB	1.23

No	Ret(L)	Ratio	RRT(L)	Ratio	Amnt	Amnt(L)	R. Fac	R. Fac(L)	Ratio
51	13:03	1.00	1.004	1.00	60.00	60.00	0.898	0.898	1.00
52	13:32	1.00	1.041	1.00	60.00	60.00	0.317	0.317	1.00
53	13:07	1.00	1.009	1.00	60.00	60.00	0.177	0.177	1.00
54	13:13	1.00	1.017	1.00	60.00	60.00	0.092	0.092	1.00
55	13:17	1.00	1.022	1.00	60.00	60.00	1.289	1.289	1.00
56	13:20	1.00	1.026	1.00	60.00	60.00	0.378	0.378	1.00
57	12:44	1.00	0.979	1.00	60.00	60.00	0.294	0.294	1.00
58	13:38	1.00	1.049	1.00	60.00	60.00	1.055	1.055	1.00
59	13:46	1.00	1.059	1.00	60.00	60.00	0.548	0.548	1.00
60	13:49	1.00	1.063	1.00	60.00	60.00	1.169	1.169	1.00
61	13:57	1.00	1.073	1.00	60.00	60.00	0.113	0.113	1.00
62	13:57	1.00	0.917	1.00	60.00	60.00	0.145	0.145	1.00
63	13:58	1.00	0.918	1.00	60.00	60.00	0.408	0.408	1.00
64	14:29	1.00	0.952	1.00	60.00	60.00	0.179	0.179	1.00
65	14:45	1.00	0.969	1.00	60.00	60.00	0.184	0.184	1.00
66	15:01	1.00	0.987	1.00	60.00	60.00	0.143	0.143	1.00
67	15:16	1.00	1.003	1.00	60.00	60.00	1.051	1.051	1.00
68	15:20	1.00	1.008	1.00	60.00	60.00	1.065	1.065	1.00
69	16:01	1.00	1.053	1.00	60.00	60.00	1.266	1.266	1.00
70	17:03	1.00	1.120	1.00	60.00	60.00	0.940	0.940	1.00
71	14:01	1.00	0.921	1.00	60.00	60.00	0.839	0.839	1.00
72	15:35	1.00	1.024	1.00	60.00	60.00	0.472	0.472	1.00
73	17:25	1.00	0.888	1.00	60.00	60.00	1.456	1.456	1.00
74	18:18	1.00	0.933	1.00	60.00	60.00	0.750	0.750	1.00
75	19:30	1.00	0.994	1.00	60.00	60.00	0.084	0.084	1.00
76	19:34	1.00	0.997	1.00	60.00	60.00	1.101	1.101	1.00
77	19:24	1.00	0.989	1.00	60.00	60.00	1.019	1.019	1.00

570129
351109940

300411

Data Subject To Validation

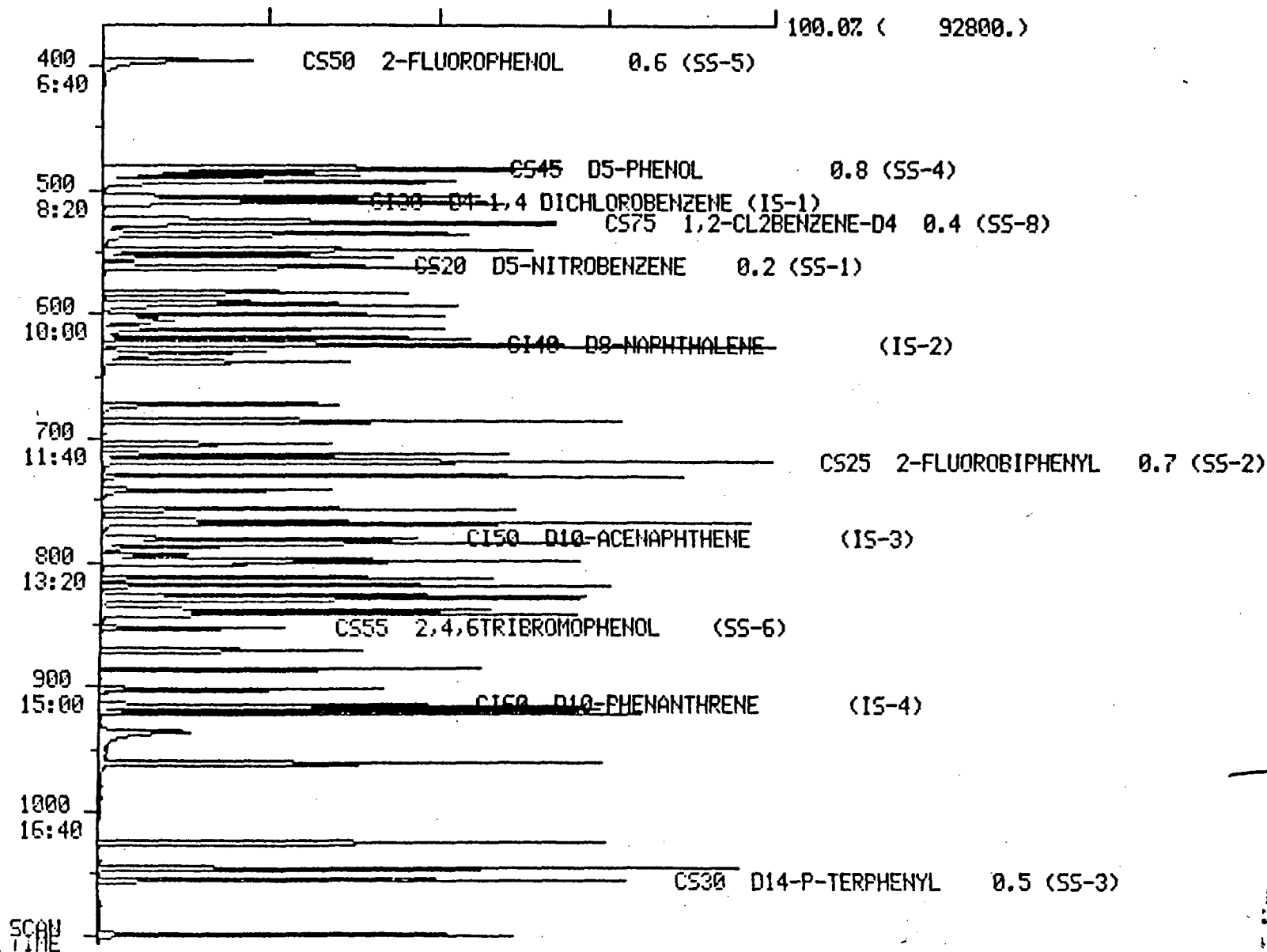
No	Ret(L)	Ratio	RRT(L)	Ratio	Amnt	Amnt(L)	R. Fac	R. Fac(L)	Ratio
78	19:41	1.00	1.003	1.00	60.00	60.00	1.017	1.017	1.00
79	21:04	1.00	0.859	1.00	60.00	60.00	1.672	1.672	1.00
80	24:17	1.00	0.990	1.00	60.00	60.00	0.927	0.927	1.00
81	30:43	1.00	1.253	1.00	60.00	60.00	0.894	0.894	1.00
82	30:51	1.00	1.258	1.00	60.00	60.00	0.693	0.693	1.00
83	32:41	1.00	1.333	1.00	60.00	60.00	0.724	0.724	1.00
84	22:54	1.00	0.934	1.00	60.00	60.00	1.147	1.147	1.00
85	23:00	1.00	0.938	1.00	60.00	60.00	0.965	0.965	1.00

SST0124
 351199940

300412

Data Subject To Validation

DATA FROM FILE: BS110994E SCANS 367 TO 1107 ACQUIRED: 11/09/94 12:29:00
CALI: BS110994E #1
SAMPLE: SST0080 290-02-SV40
CONDS.: RTX-5 0.25MM X 30M 1.0UM 45/4-325020 INST B

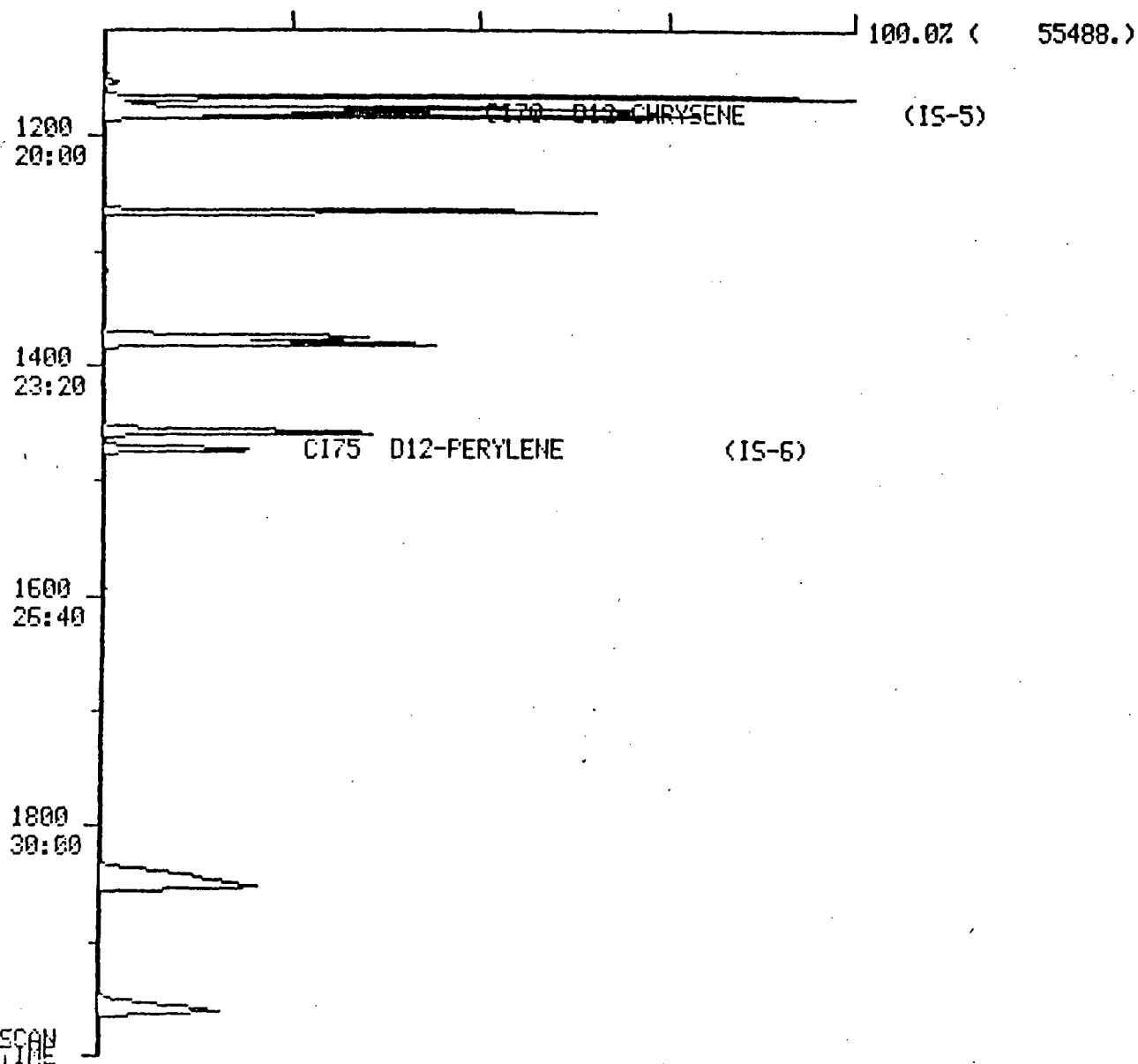


300413

NOV 9 1994

RECEIVED

DATA FROM FILE: BS110994E SCANS 1107 TO 2000 ACQUIRED: 11/09/94 12:29:00
CALI: BS110994E #1
SAMPLE: SST0080 290-02-SU40
CONDS.: RTX-5 0.25MM X 30M 1.0UM 45/4-325@20 INST B



Data Subject To Validation

300414

Data: BS110994E.TI

11/09/94 12:29:00

Sample: SSTDO80 290-02-SV40

Conds.: RTX-5 0.25MM X 30M 1.0UM 45/4-325@20

INST B

Formula: X X X

Instrument: B

Weight: 1.001

Submitted by:

Analyst: JAM

Acct. No.:

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

Resp. fac. from Library Entry

No	Name	
1	CI30	D4-1,4 DICHLOROBENZENE (IS-1)
2	CI40	D8-NAPHTHALENE (IS-2)
3	CI50	D10-ACENAPHTHENE (IS-3)
4	CI60	D10-PHENANTHRENE (IS-4)
5	CI70	D12-CHRYSENE (IS-5)
6	CI75	D12-PERYLENE (IS-6)
7	CS50	2-FLUOROPHENOL 0.6 (SS-5)
8	CS45	D5-PHENOL 0.8 (SS-4)
9	CS20	D5-NITROBENZENE 0.2 (SS-1)
10	CS25	2-FLUOROBIPHENYL 0.7 (SS-2)
11	CS55	2,4,6-TRIBROMOPHENOL (SS-6)
12	CS30	D14-P-TERPHENYL 0.5 (SS-3)
13	CS70	2-CHLOROPHENOL-D4 0.8 (SS-7)
14	CS75	1,2-CL2BENZENE-D4 0.4 (SS-8)
15	C315	*PHENOL 0.8
16	C325	BIS(2CHLOROETHYL)E 0.7
17	C330	2CHLOROPHENOL 0.8
18	C335	1,3DICHLOROBENZENE 0.6
19	C340	*1,4DICHLOROBENZENE 0.5 T
20	C320	ANILINE
21	C310	N-NITROSODIMETHYLAMINE
22	C319	PYRIDINE T
23	C345	BENZYL ALCOHOL
24	C350	1,2DICHLOROBENZENE 0.4
25	C355	2METHYLPHENOL 0.7 T
26	C357	2,2'DOXYBIS(1CHLOROPR
27	C365	4METHYLPHENOL 0.6 T
28	C370	&NITROSOPROPYLAMINE 0.5
29	C375	HEXACHLOROETHANE 0.3 T
30	C410	NITROBENZENE 0.2 T
31	C415	ISOPHORONE 0.4
32	C420	*2-NITROPHENOL 0.1
33	C425	2,4-DIMETHYLPHENOL 0.2
34	C430	BENZOIC ACID
35	C435	BIS(2CHLOROETHOXY) 0.3
36	C440	*2,4DICHLOROPHENOL 0.2
37	C445	1,2,4TRICHLOROBENZ 0.2
38	C450	NAPHTHALENE 0.7
39	C455	4-CHLOROANILINE
40	C460	*CL6BUTADIENE T
41	C465	*4CHLORO3METHYLPHEN 0.2
42	C470	2METHYLNAPHTHALENE 0.4
43	C510	&CL6CYCLOPENTADIENE
44	C515	*246TRICHLOROPHNEOL 0.2 T
45	C520	2,4,5TRICHLOROPHEN 0.2 T
46	C525	2CHLORONAPHTHALENE 0.8
47	C530	2-NITROANILINE

300415

Data Subject To Validation

No	Name	
48	C535	DIMETHYL PHTHALATE
49	C540	ACENAPHTHYLENE
50	C545	3-NITROANILINE

1.3

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
1	152	507	8:27	1	1.000	A BB	10398.	20.000 PPB	0.61
2	136	622	10:22	2	1.000	A BB	36125.	20.000 PPB	0.61
3	164	780	13:00	3	1.000	A BB	19679.	20.000 PPB	0.61
4	188	913	15:13	4	1.000	A BB	29242.	20.000 PPB	0.61
5	240	1177	19:37	5	1.000	A BB	19946.	20.000 PPB	0.61
6	264	1471	24:31	6	1.000	A BB	18707.	20.000 PPB	0.61
7	112	394	6:34	1	0.777	A BB	20743.	40.000 PPB	1.22
8	99	481	8:01	1	0.949	A BV	28455.	40.000 PPB	1.22
9	82	560	9:20	2	0.900	A BB	21251.	40.000 PPB	1.22
10	172	718	11:58	3	0.921	A BB	44688.	40.000 PPB	1.22
11	330	852	14:12	3	1.092	A BB	4729.	40.000 PPB	1.22
12	244	1054	17:34	5	0.895	A BB	35386.	40.000 PPB	1.22
13	132	491	8:11	1	0.968	A BB	23521.	40.000 PPB	1.22
14	152	525	8:45	1	1.036	A BB	15358.	40.000 PPB	1.22
15	94	482	8:02	1	0.951	A BB	33732.	40.000 PPB	1.22
16	93	487	8:07	1	0.961	A VB	28830.	40.000 PPB	1.22
17	128	493	8:13	1	0.972	A BB	22939.	40.000 PPB	1.22
18	146	504	8:24	1	0.994	A BV	26119.	40.000 PPB	1.22
19	146	509	8:29	1	1.004	A VB	26109.	40.000 PPB	1.22
20	93	483	8:03	1	0.953	A BV	30327.	40.000 PPB	1.22
21	74	229	3:49	1	0.452	A BB	13412.	40.000 PPB	1.22
22	79	227	3:47	1	0.448	A BB	19137.	40.000 PPB	1.22
23	108	522	8:42	1	1.030	A BV	11839.	40.000 PPB	1.22
24	146	526	8:46	1	1.037	A BB	23613.	40.000 PPB	1.22
25	108	533	8:53	1	1.051	A VB	19870.	40.000 PPB	1.22
26	45	534	8:54	1	1.053	A BB	26404.	40.000 PPB	1.22
27	108	546	9:06	1	1.077	A BB	21332.	40.000 PPB	1.22
28	70	547	9:07	1	1.079	A BB	12475.	40.000 PPB	1.22
29	117	553	9:13	1	1.091	A BB	9384.	40.000 PPB	1.22
30	77	562	9:22	2	0.904	A BB	21442.	40.000 PPB	1.22
31	82	581	9:41	2	0.934	A BV	40927.	40.000 PPB	1.22
32	139	590	9:50	2	0.949	A BB	12547.	40.000 PPB	1.22
33	107	592	9:52	2	0.952	A BB	16209.	40.000 PPB	1.22
34	122	605	10:05	2	0.973	A VV	10139.	40.000 PPB	1.22
35	93	600	10:00	2	0.965	A BB	28210.	40.000 PPB	1.22
36	162	611	10:11	2	0.982	A BB	18083.	40.000 PPB	1.22
37	180	618	10:18	2	0.994	A BB	19931.	40.000 PPB	1.22
38	128	624	10:24	2	1.003	A BV	63233.	40.000 PPB	1.22
39	127	630	10:30	2	1.013	A VB	23529.	40.000 PPB	1.22
40	225	637	10:37	2	1.024	A BB	9186.	40.000 PPB	1.22
41	107	672	11:12	2	1.080	A BB	16605.	40.000 PPB	1.22
42	142	685	11:25	2	1.101	A BB	42392.	40.000 PPB	1.22
43	237	703	11:43	3	0.901	A BB	10697.	40.000 PPB	1.22
44	196	712	11:52	3	0.913	A BV	12762.	40.000 PPB	1.22
45	196	716	11:56	3	0.918	A VB	13506.	40.000 PPB	1.22
46	162	729	12:09	3	0.935	A BB	40555.	40.000 PPB	1.22
47	65	741	12:21	3	0.950	A BB	10137.	40.000 PPB	1.22
48	163	756	12:36	3	0.969	A BB	41643.	40.000 PPB	1.22
49	152	767	12:47	3	0.983	A BB	60685.	40.000 PPB	1.22
50	138	779	12:59	3	0.999	A BB	4997.	40.000 PPB	1.22

570484

BS114994A

300416

Data Subject To Validation

No	Ret(L)	Ratio	RRT(L)	Ratio	Amnt	Amnt(L)	R. Fac	R. Fac(L)	Ratio
1	8:27	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
2	10:22	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
3	13:00	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
4	15:13	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
5	19:37	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
6	24:31	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
7	6:34	1.00	0.777	1.00	40.00	40.00	0.997	0.997	1.00
8	8:01	1.00	0.949	1.00	40.00	40.00	1.368	1.368	1.00
9	9:20	1.00	0.900	1.00	40.00	40.00	0.294	0.294	1.00
10	11:58	1.00	0.921	1.00	40.00	40.00	1.135	1.135	1.00
11	14:12	1.00	1.092	1.00	40.00	40.00	0.120	0.120	1.00
12	17:34	1.00	0.895	1.00	40.00	40.00	0.887	0.887	1.00
13	8:11	1.00	0.968	1.00	40.00	40.00	1.131	1.131	1.00
14	8:45	1.00	1.036	1.00	40.00	40.00	0.739	0.739	1.00
15	8:02	1.00	0.951	1.00	40.00	40.00	1.622	1.622	1.00
16	8:07	1.00	0.961	1.00	40.00	40.00	1.386	1.386	1.00
17	8:13	1.00	0.972	1.00	40.00	40.00	1.103	1.103	1.00
18	8:24	1.00	0.994	1.00	40.00	40.00	1.256	1.256	1.00
19	8:29	1.00	1.004	1.00	40.00	40.00	1.255	1.255	1.00
20	8:03	1.00	0.953	1.00	40.00	40.00	1.458	1.458	1.00
21	3:49	1.00	0.452	1.00	40.00	40.00	0.645	0.645	1.00
22	3:47	1.00	0.448	1.00	40.00	40.00	0.920	0.920	1.00
23	8:42	1.00	1.030	1.00	40.00	40.00	0.569	0.569	1.00
24	8:46	1.00	1.037	1.00	40.00	40.00	1.135	1.135	1.00
25	8:53	1.00	1.051	1.00	40.00	40.00	0.955	0.955	1.00
26	8:54	1.00	1.053	1.00	40.00	40.00	1.270	1.270	1.00
27	9:06	1.00	1.077	1.00	40.00	40.00	1.026	1.026	1.00
28	9:07	1.00	1.079	1.00	40.00	40.00	0.600	0.600	1.00
29	9:13	1.00	1.091	1.00	40.00	40.00	0.451	0.451	1.00
30	9:22	1.00	0.904	1.00	40.00	40.00	0.297	0.297	1.00
31	9:41	1.00	0.934	1.00	40.00	40.00	0.566	0.566	1.00
32	9:50	1.00	0.949	1.00	40.00	40.00	0.174	0.174	1.00
33	9:52	1.00	0.952	1.00	40.00	40.00	0.224	0.224	1.00
34	10:05	1.00	0.973	1.00	40.00	40.00	0.140	0.140	1.00
35	10:00	1.00	0.965	1.00	40.00	40.00	0.390	0.390	1.00
36	10:11	1.00	0.982	1.00	40.00	40.00	0.250	0.250	1.00
37	10:18	1.00	0.994	1.00	40.00	40.00	0.276	0.276	1.00
38	10:24	1.00	1.003	1.00	40.00	40.00	0.875	0.875	1.00
39	10:30	1.00	1.013	1.00	40.00	40.00	0.326	0.326	1.00
40	10:37	1.00	1.024	1.00	40.00	40.00	0.127	0.127	1.00
41	11:12	1.00	1.080	1.00	40.00	40.00	0.230	0.230	1.00
42	11:25	1.00	1.101	1.00	40.00	40.00	0.587	0.587	1.00
43	11:43	1.00	0.901	1.00	40.00	40.00	0.272	0.272	1.00
44	11:52	1.00	0.913	1.00	40.00	40.00	0.324	0.324	1.00
45	11:56	1.00	0.918	1.00	40.00	40.00	0.343	0.343	1.00
46	12:09	1.00	0.935	1.00	40.00	40.00	1.030	1.030	1.00
47	12:21	1.00	0.950	1.00	40.00	40.00	0.258	0.258	1.00
48	12:36	1.00	0.969	1.00	40.00	40.00	1.058	1.058	1.00
49	12:47	1.00	0.983	1.00	40.00	40.00	1.542	1.542	1.00
50	12:59	1.00	0.999	1.00	40.00	40.00	0.127	0.127	1.00

STOP
85110994E

300417

Data Subject To Validation

Data: BS110994E.TI

11/09/94 12:29:00

Sample: SSTD080 290-02-SV40

Conds.: RTX-5 0.25MM X 30M 1.0UM 45/4-325@20

INST B

Formula: X X X

Instrument: B

Weight: 1.001

Submitted by:

Analyst: JAM

Acct. No.:

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

Resp. fac. from Library Entry

No	Name	
51	C550 *ACENAPHTHENE	0.8
52	C321 2,3,4,6-TETRACHLOROPHENOL	
53	C555 &2,4DINITROPHENOL	
54	C560 &4NITROPHENOL	
55	C565 DIBENZOFURAN	0.8
56	C570 2,4DINITROTOLUENE	0.2 T
57	C543 2,6DINITROTOLUENE	0.2
58	C580 DIETHYL PHTHALATE	
59	C585 4CHLOROPHENYL PHEN	0.4
60	C590 FLUDRENE	0.9
61	C595 4-NITROANILINE	
62	C610 4,6DINITRO2METHYLPH	
63	C615 *DIPHENYLAMINE	
64	C625 4BROMOPHENYL PHENY	0.1
65	C630 CL6BENZENE	0.1 T
66	C635 *PENTACHLOROPHENOL	0.05 T
67	C640 PHENANTHRENE	0.7
68	C645 ANTHRACENE	0.7
69	C650 DI-NBUTYLPHTHALATE	
70	C655 *FLUDRANTHENE	0.6
71	D200 1,2-DIPHENYLHYDRAZINE	
72	C647 CARBAZOLE	
73	C715 PYRENE	0.6
74	C720 BUTYLBENZYLPHTHALATE	
75	C725 3,3'CL2BENZIDINE	
76	C730 BENZO(A)ANTHRACENE	0.8
77	C740 BIS(2ETHYLHEXYL)PHTH	
78	C735 CHRYSENE	0.7
79	C760 *DI-N-OCTYLPHTHALATE	
80	C765 BENZO(B)FLUDRANTHE	0.7
81	C770 BENZO(K)FLUDRANTHE	0.7
82	C775 *BENZO(A)PYRENE	0.7
83	C780 INDEND(1,2,3CD)PYR	0.5
84	C785 DIBENZO(A,H)ANTHRA	0.4
85	C790 BENZO(G,H,I)PERYLE	0.5

300418

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
51	153	783	13:03	3	1.004	A BB	35503.	40.000 PPB	1.22
52	232	812	13:32	3	1.041	A BB	11928.	40.000 PPB	1.22
53	184	787	13:07	3	1.009	A BB	6113.	40.000 PPB	1.22
54	109	792	13:12	3	1.015	A BB	3253.	40.000 PPB	1.22
55	168	797	13:17	3	1.022	A BB	49328.	40.000 PPB	1.22
56	165	800	13:20	3	1.026	A BB	14478.	40.000 PPB	1.22
57	165	764	12:44	3	0.979	A BB	10781.	40.000 PPB	1.22
58	149	818	13:38	3	1.049	A BB	41159.	40.000 PPB	1.22

Data Subject To Validation

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
59	204	826	13:46	3	1.059	A BB	20187.	40.000 PPB	1.22
60	166	828	13:48	3	1.062	A BB	40962.	40.000 PPB	1.22
61	138	836	13:56	3	1.072	A VB	5296.	40.000 PPB	1.22
62	198	836	13:56	4	0.916	A BB	7939.	40.000 PPB	1.22
63	169	837	13:57	4	0.917	A BB	21070.	40.000 PPB	1.22
64	248	869	14:29	4	0.952	A BB	10229.	40.000 PPB	1.22
65	284	885	14:45	4	0.969	A BB	10934.	40.000 PPB	1.22
66	266	901	15:01	4	0.987	A BB	7670.	40.000 PPB	1.22
67	178	915	15:15	4	1.002	A BV	57218.	40.000 PPB	1.22
68	178	920	15:20	4	1.008	A VB	60407.	40.000 PPB	1.22
69	149	961	16:01	4	1.053	A BB	75335.	40.000 PPB	1.22
70	202	1023	17:03	4	1.120	A BB	59498.	40.000 PPB	1.22
71	77	840	14:00	4	0.920	A BB	45689.	40.000 PPB	1.22
72	167	935	15:35	4	1.024	A BB	29852.	40.000 PPB	1.22
73	202	1045	17:25	5	0.888	A BB	57772.	40.000 PPB	1.22
74	149	1099	18:19	5	0.934	A BB	29411.	40.000 PPB	1.22
75	252	1169	19:29	5	0.993	A BB	4134.	40.000 PPB	1.22
76	228	1174	19:34	5	0.997	A BV	43367.	40.000 PPB	1.22
77	149	1165	19:25	5	0.990	A BB	39027.	40.000 PPB	1.22
78	228	1181	19:41	5	1.003	A VB	39284.	40.000 PPB	1.22
79	149	1264	21:04	6	0.859	A BB	58391.	40.000 PPB	1.22
80	252	1374	22:54	6	0.934	A BV	37710.	40.000 PPB	1.22
81	252	1380	23:00	6	0.938	A VB	33547.	40.000 PPB	1.22
82	252	1457	24:17	6	0.990	A BB	33859.	40.000 PPB	1.22
83	276	1842	30:42	6	1.252	A BB	34289.	40.000 PPB	1.22
84	278	1851	30:51	6	1.258	A BB	26078.	40.000 PPB	1.22
85	276	1959	32:39	6	1.332	A BB	28595.	40.000 PPB	1.22

No	Ret(L)	Ratio	RRT(L)	Ratio	Amnt	Amnt(L)	R. Fac	R. Fac(L)	Ratio
51	13:03	1.00	1.004	1.00	40.00	40.00	0.902	0.902	1.00
52	13:32	1.00	1.041	1.00	40.00	40.00	0.303	0.303	1.00
53	13:07	1.00	1.009	1.00	40.00	40.00	0.155	0.155	1.00
54	13:12	1.00	1.015	1.00	40.00	40.00	0.083	0.083	1.00
55	13:17	1.00	1.022	1.00	40.00	40.00	1.253	1.253	1.00
56	13:20	1.00	1.026	1.00	40.00	40.00	0.368	0.368	1.00
57	12:44	1.00	0.979	1.00	40.00	40.00	0.274	0.274	1.00
58	13:38	1.00	1.049	1.00	40.00	40.00	1.046	1.046	1.00
59	13:46	1.00	1.059	1.00	40.00	40.00	0.513	0.513	1.00
60	13:48	1.00	1.062	1.00	40.00	40.00	1.041	1.041	1.00
61	13:56	1.00	1.072	1.00	40.00	40.00	0.135	0.135	1.00
62	13:56	1.00	0.916	1.00	40.00	40.00	0.136	0.136	1.00
63	13:57	1.00	0.917	1.00	40.00	40.00	0.360	0.360	1.00
64	14:29	1.00	0.952	1.00	40.00	40.00	0.175	0.175	1.00
65	14:45	1.00	0.969	1.00	40.00	40.00	0.187	0.187	1.00
66	15:01	1.00	0.987	1.00	40.00	40.00	0.131	0.131	1.00
67	15:15	1.00	1.002	1.00	40.00	40.00	0.978	0.978	1.00
68	15:20	1.00	1.008	1.00	40.00	40.00	1.033	1.033	1.00
69	16:01	1.00	1.053	1.00	40.00	40.00	1.288	1.288	1.00
70	17:03	1.00	1.120	1.00	40.00	40.00	1.017	1.017	1.00
71	14:00	1.00	0.920	1.00	40.00	40.00	0.781	0.781	1.00
72	15:35	1.00	1.024	1.00	40.00	40.00	0.510	0.510	1.00
73	17:25	1.00	0.888	1.00	40.00	40.00	1.448	1.448	1.00
74	18:19	1.00	0.934	1.00	40.00	40.00	0.737	0.737	1.00
75	19:29	1.00	0.993	1.00	40.00	40.00	0.104	0.104	1.00
76	19:34	1.00	0.997	1.00	40.00	40.00	1.087	1.087	1.00
77	19:25	1.00	0.990	1.00	40.00	40.00	0.978	0.978	1.00

550084
BS110554E

300419

Data subject To Validation

No	Ret(L)	Ratio	RRT(L)	Ratio	Amnt	Amnt(L)	R. Fac	R. Fac(L)	Ratio
78	19:41	1.00	1.003	1.00	40.00	40.00	0.985	0.985	1.00
79	21:04	1.00	0.859	1.00	40.00	40.00	1.561	1.561	1.00
80	22:54	1.00	0.934	1.00	40.00	40.00	1.008	1.008	1.00
81	23:00	1.00	0.938	1.00	40.00	40.00	0.897	0.897	1.00
82	24:17	1.00	0.990	1.00	40.00	40.00	0.905	0.905	1.00
83	30:42	1.00	1.252	1.00	40.00	40.00	0.916	0.916	1.00
84	30:51	1.00	1.258	1.00	40.00	40.00	0.697	0.697	1.00
85	32:39	1.00	1.332	1.00	40.00	40.00	0.764	0.764	1.00

STO 080

85119554E

300420

Data Subject To Validation

Initial Calibration Data

Instrument Identifier: B

Calibration Date: 11/09/94

MIN RF: SW(&) = .05 CLP = .01 OR BELOW

MAX %RSD: SW(*) = 30% CLP = 20.5%

Compound		RF 10	RF 25	RF 40	RF 60	RF 80	Mean RF	%RSD	
CS50	2-FLUOROPHENOL	0.6	0.932	1.029	0.997	1.030	0.992	0.996	3.995
CS45	D5-PHENOL	0.8	1.193	1.330	1.368	1.359	1.293	1.309	5.431
CS20	D5-NITROBENZENE	0.2	0.292	0.279	0.294	0.298	0.306	0.294	3.356
CS25	2-FLUOROBIPHENYL	0.7	1.100	1.063	1.135	1.032	1.110	1.089	3.738
CS55	2,4,6-TRIBROMOPHENOL	0.111	0.115	0.120	0.122	0.117	0.117	0.117	3.682
CS30	D14-P-TERPHENYL	0.5	0.816	0.760	0.887	0.873	0.869	0.841	6.244
CS70	2-CHLOROPHENOL-D4	0.8	1.015	1.086	1.131	1.131	1.108	1.095	4.378
CS75	1,2-CL2BENZENE-D4	0.4	0.731	0.714	0.739	0.717	0.719	0.725	1.442
C315	*PHENOL	0.8	1.535	1.584	1.622	1.637	1.583	1.593	2.483✓
C325	BIS(2CHLOROETHYL)E	0.7	1.354	1.388	1.386	1.453	1.337	1.384	3.217
C330	2CHLOROPHENOL	0.8	1.115	1.092	1.103	1.153	1.124	1.118	2.070
C335	1,3DICHLOROBENZENE	0.6	1.197	1.213	1.256	1.292	1.210	1.234	3.203
C340	*1,4DICHLOROBENZENE	0.5	1.217	1.249	1.255	1.304	1.224	1.251	2.729✓
C320	ANILINE	1.211	1.403	1.458	1.450	1.438	1.393	1.393	7.431
C310	N-NITROSODIMETHYLAMINE	0.547	0.626	0.645	0.655	0.629	0.621	0.621	6.844
C319	PYRIDINE	0.872	0.987	0.920	0.931	0.876	0.918	0.918	5.114
C345	BENZYL ALCOHOL	0.518	0.568	0.569	0.618	0.629	0.581	0.581	7.700
C350	1,2DICHLOROBENZENE	0.4	1.100	1.136	1.135	1.220	1.119	1.143	4.025
C355	2METHYLPHENOL	0.7	1.131	1.034	0.955	1.044	1.006	1.035	6.216
C357	2,2'OXYBIS(1CHLOROPR	1.305	1.242	1.270	1.351	1.334	1.301	1.301	3.454
C365	4METHYLPHENOL	0.6	1.094	1.034	1.026	1.028	1.093	1.056	3.334
C370	&NITROSOPROPYLAMINE	0.5	0.588	0.605	0.600	0.656	0.620	0.614✓	4.267
C375	HEXACHLOROETHANE	0.3	0.440	0.457	0.451	0.469	0.449	0.454	2.405
C410	NITROBENZENE	0.2	0.281	0.279	0.297	0.322	0.291	0.294	5.843
C415	ISOPHORONE	0.4	0.545	0.557	0.566	0.608	0.596	0.575	4.624
C420	*2-NITROPHENOL	0.1	0.170	0.157	0.174	0.185	0.190	0.176	7.408✓
C425	2,4-DIMETHYLPHENOL	0.2	0.220	0.214	0.224	0.223	0.240	0.225	4.263
C430	BENZOIC ACID	0.127	0.121	0.140	0.163	0.146	0.140	0.140	11.892
C435	BIS(2CHLOROETHOXY)	0.3	0.375	0.360	0.390	0.412	0.400	0.388	5.192
C440	*2,4DICHLOROPHENOL	0.2	0.259	0.243	0.250	0.264	0.263	0.256	3.599✓
C445	1,2,4TRICHLOROBENZ	0.2	0.269	0.264	0.276	0.278	0.275	0.273	2.181
C450	NAPHTHALENE	0.7	0.885	0.847	0.875	0.833	0.841	0.857	2.632
C455	4-CHLOROANILINE	0.274	0.280	0.326	0.363	0.370	0.323	0.323	13.890
C460	*CL6BUTADIENE	0.129	0.120	0.127	0.129	0.128	0.127	0.127	2.817✓
C465	*4CHLORO3METHYLPHEN	0.2	0.227	0.223	0.230	0.256	0.246	0.237	5.883✓
C470	2METHYLNAPHTHALENE	0.4	0.561	0.570	0.587	0.619	0.576	0.583	3.826
C510	&CL6CYCLOPENTADIENE	0.253	0.286	0.272	0.298	0.317	0.286✓	0.286	8.481
C515	*246TRICHLOROPHNEOL	0.2	0.337	0.317	0.324	0.333	0.332	0.329	2.390✓
C520	2,4,5TRICHLOROPHEN	0.2	0.344	0.342	0.343	0.380	0.369	0.356	4.938
C525	2CHLORONAPHTHALENE	0.8	0.999	0.995	1.030	1.017	1.064	1.022	2.705
C530	2-NITROANILINE	0.270	0.255	0.258	0.293	0.277	0.271	0.271	5.698
C535	DIMETHYL PHTHALATE	1.105	1.144	1.058	1.112	1.134	1.111	1.111	3.013
C540	ACENAPHTHYLENE	1.3	1.660	1.608	1.542	1.563	1.413	1.558	5.944
C545	3-NITROANILINE	0.087	0.134	0.127	0.159	0.231	0.148	0.148	36.016
C550	*ACENAPHTHENE	0.8	0.913	0.916	0.902	0.898	0.950	0.916	2.235✓
C321	2,3,4,6-TETRACHLOROPHE	0.298	0.292	0.303	0.317	0.297	0.302	0.302	3.154
C555	&2,4DINITROPHENOL	0.105	0.128	0.155	0.177	0.170	0.148	0.148	20.351✓

300421

Data Subject to Validation

C560	2,4-NITROPHENOL		0.066	0.086	0.083	0.092	0.091	0.084✓	12.610
C565	DIBENZOFURAN	0.8	1.351	1.418	1.253	1.289	1.294	1.322	4.880
C570	2,4-DINITROTOLUENE	0.2	0.338	0.346	0.368	0.378	0.366	0.360	4.612
C543	2,6-DINITROTOLUENE	0.2	0.280	0.298	0.274	0.294	0.334	0.296	7.923
C580	DIETHYL PHTHALATE		1.030	1.064	1.046	1.055	1.111	1.062	2.859
C585	4-CHLOROPHENYL PHEN	0.4	0.511	0.493	0.513	0.548	0.532	0.520	4.050
C590	FLUDRENE	0.9	1.100	1.075	1.041	1.169	1.098	1.097	4.296
C595	4-NITROANILINE		0.147	0.142	0.135	0.113	0.080	0.124	22.337
C610	4,6-DINITRO2METHYLPH		0.121	0.128	0.136	0.145	0.147	0.136	8.074
C615	*DIPHENYLAMINE		0.424	0.386	0.360	0.408	0.382	0.393	6.271✓
C625	4-BROMOPHENYL PHENY	0.1	0.190	0.186	0.175	0.179	0.181	0.183	3.199
C630	CL6BENZENE	0.1	0.185	0.188	0.187	0.184	0.178	0.185	2.014
C635	*PENTACHLOROPHENOL	0.05	0.108	0.135	0.131	0.143	0.146	0.133	11.206✓
C640	PHENANTHRENE	0.7	1.003	1.013	0.978	1.051	1.010	1.012	2.596
C645	ANTHRACENE	0.7	1.039	1.037	1.033	1.065	0.931	1.021	5.074
C650	DI-NBUTYLPHTHALATE		1.218	1.261	1.288	1.266	1.191	1.245	3.147
C655	*FLUDRANTHENE	0.6	1.037	1.014	1.017	0.940	0.925	0.987	5.122✓
D200	1,2-DIPHENYLHYDRAZINE		0.741	0.830	0.781	0.839	0.869	0.813	6.225
C647	CARBAZOLE		0.844	0.646	0.510	0.472	0.482	0.591	26.643
C715	PYRENE	0.6	1.362	1.302	1.448	1.456	1.627	1.440	8.529
C720	BUTYLBENZYLPHTHALATE		0.680	0.657	0.737	0.750	0.746	0.714	5.953
C725	3,3'-CL2BENZIDINE		0.279	0.144	0.104	0.084	0.061	0.135	64.177
C730	BENZO(A)ANTHRACENE	0.8	1.154	1.056	1.087	1.101	1.133	1.107	3.472
C740	BIS(2ETHYLHEXYL)PHTH		0.933	0.933	0.978	1.019	1.026	0.978	4.597
C735	CHRYSENE	0.7	1.047	0.972	0.985	1.017	1.014	1.007	2.924
C760	*DI-N-OCTYLPHTHALATE		1.441	1.369	1.561	1.672	1.732	1.555	9.788
C765	BENZO(B)FLUDRANTHE	0.7	1.044	1.016	1.008	1.147	1.177	1.079	7.264
C770	BENZO(K)FLUDRANTHE	0.7	0.931	0.777	0.897	0.965	0.974	0.909	8.767
C775	*BENZO(A)PYRENE	0.7	0.948	0.870	0.905	0.927	0.935	0.917	3.334✓
C780	INDENO(1,2,3CD)PYR	0.5	0.994	0.947	0.916	0.894	0.845	0.920	6.077
C785	DIBENZO(A,H)ANTHRA	0.4	0.770	0.710	0.697	0.693	0.695	0.713	4.571
C790	BENZO(G,H,I)PERYLE	0.5	0.834	0.776	0.764	0.724	0.723	0.765	5.964

Initial
BS110994A-E

300422

MASS SPECTRUM

02/08/95 10:21:00 + 8:16

SAMPLE: DFTPP 290-14-PERF

CONDS.: RTX-5 0.25MM X 30M 1.0UM 45/4-325020 . INST B

#495 TO #497 AVERAGED - #490 X1.00

DATA: BP020895J #496

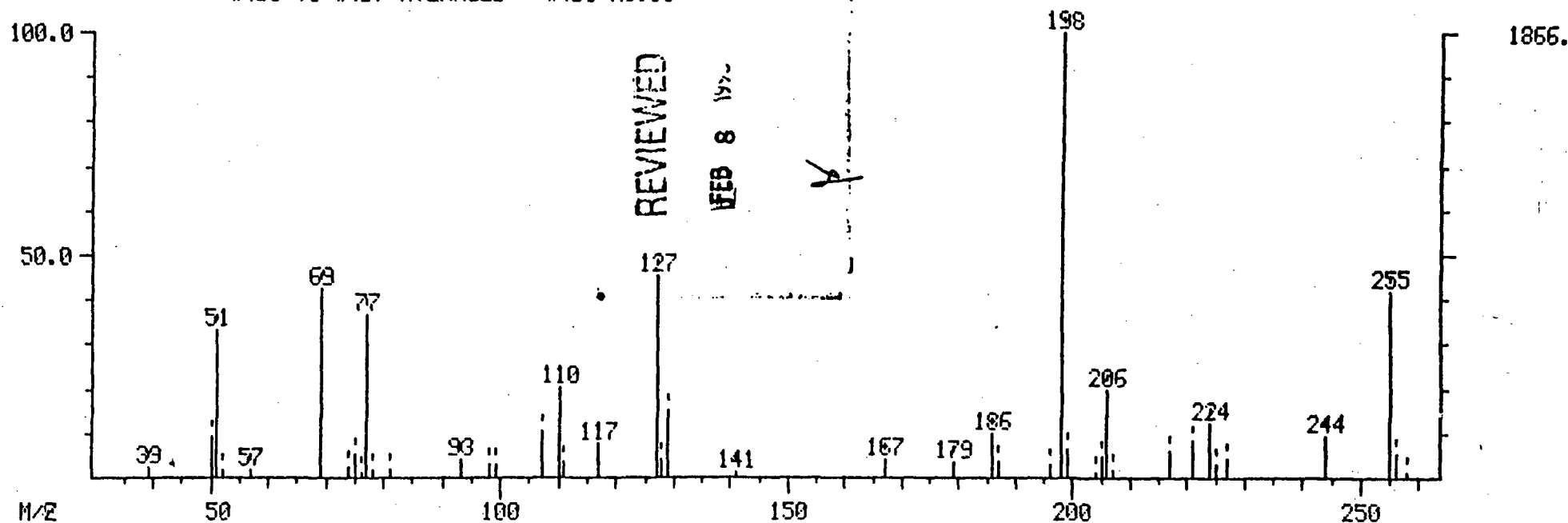
CALI: BP020895J #1

BASE M/Z: 198

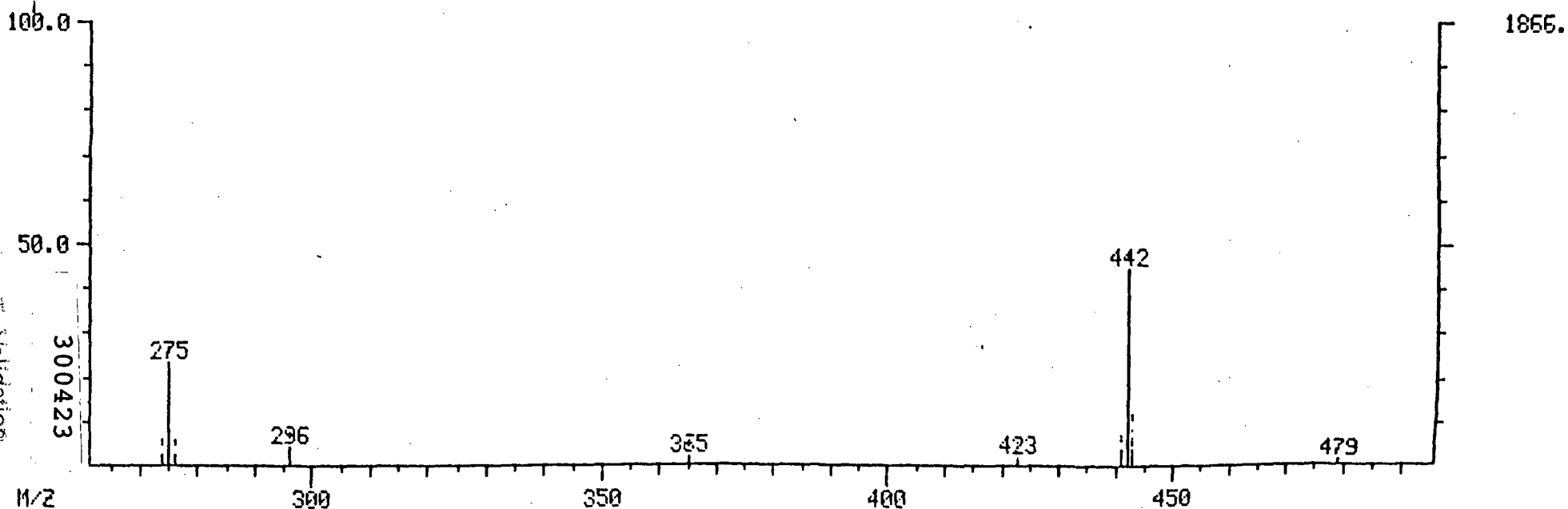
RIC: 11200.

REVIEWED

FEB 8 1995



Data Subject To Validation



RIC

02/08/95 10:21:00

SAMPLE: DFTPP 290-14-PERF

COND.: RTX-5 0.25MM X 30M

RANGE: G 1, 650 LABEL: N

DATA: BP020895J #495

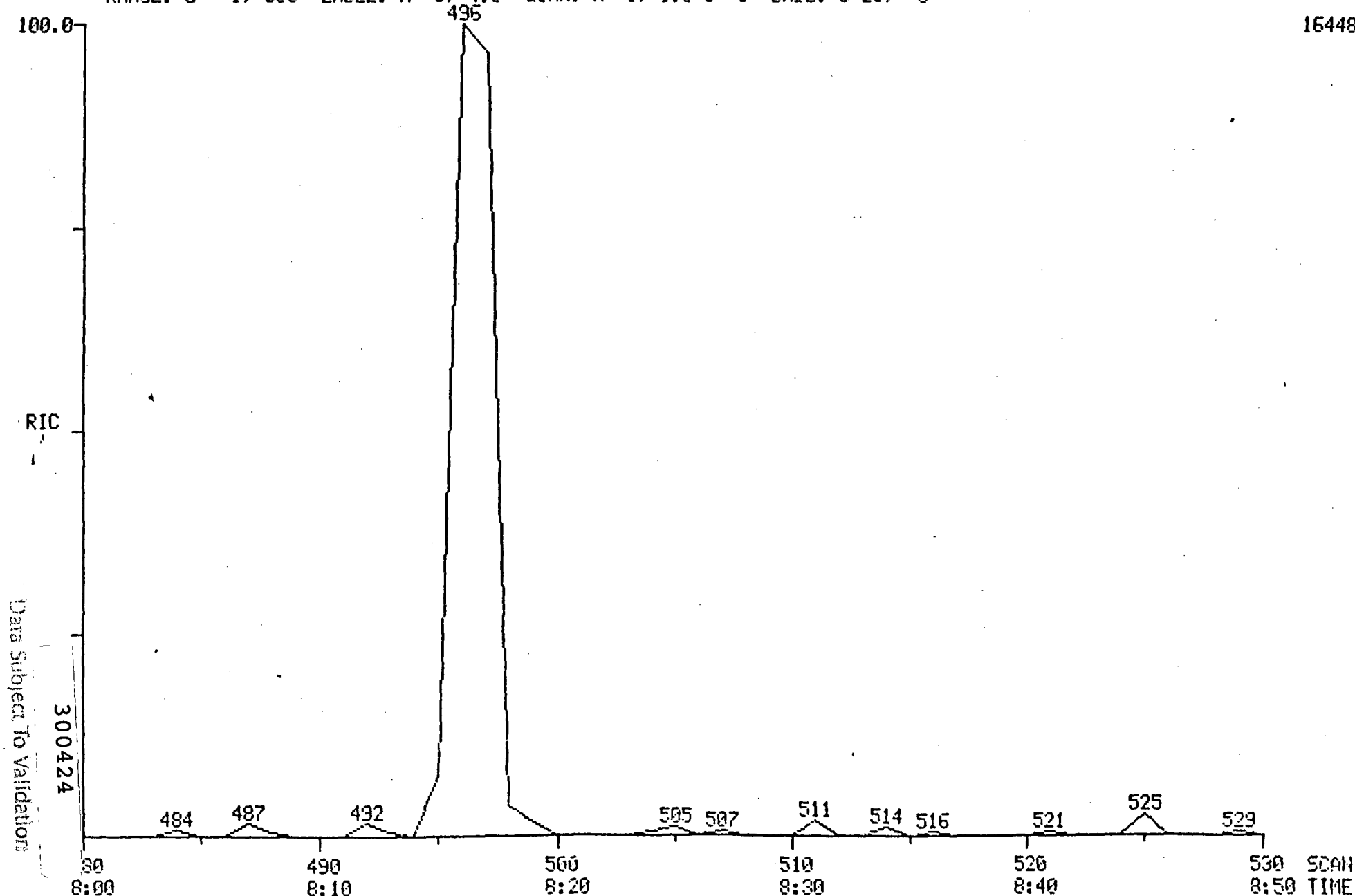
CALI: BP020895J #1

SCANS 480 TO 530

1.0UM 45/4-325020 INST B

0, 4.0 QUAN: A 0, 1.0 J 0 BASE: U 20, 3

16448.



RIC+MASS CHROMATOGRAM

02/08/95 10:21:00

SAMPLE: DFTPP 290-14-PERF

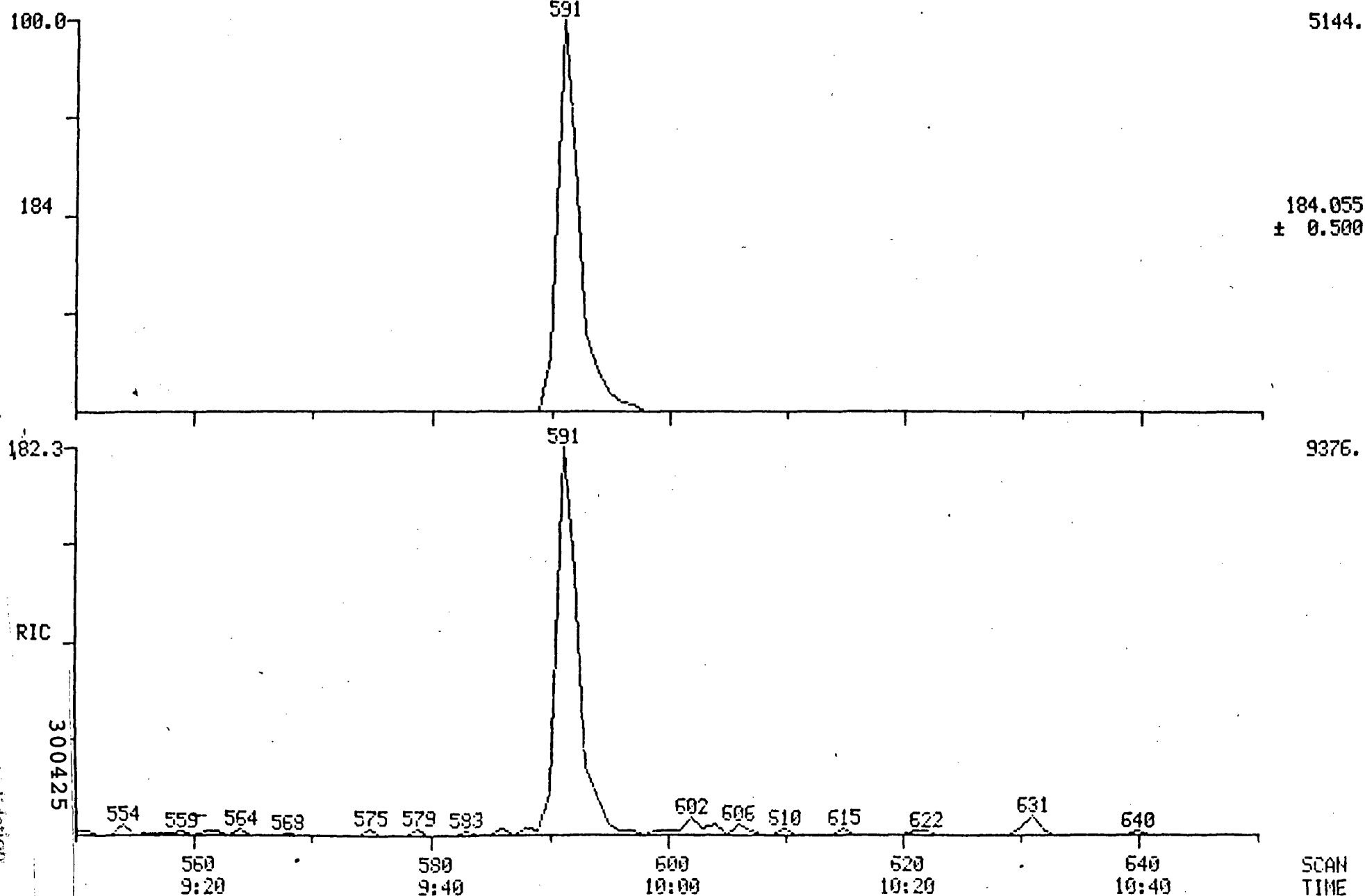
CONDS.: RTX-5 0.25MM X 30M 1.0UM 45/4-325020 INST B

RANGE: G 1, 650 LABEL: N 0, 4.0 QUAN: A 0, 1.0 J 0 BASE: U 20, 3

DATA: BP020895J #495

SCANS 550 TO 650

CALI: BP020895J #1



Data Subject To Validation

Data: BPO20895J # 496 Base m/z: 198
 02/08/95 10:21:00 + 8:16 Call: BPO20895J # 1 RIC: 11200.
 Sample: DFTPP 290-14-PERF
 Conds.: RTX-5 0.25MM X 30M 1.0UM 45/4-325@20 INST B
 #495 to #497 averaged - #490 X1.00

39	0.00	0.	Minima	Min	Inten:	0.	
479			Maxima	#	0		
Mass	% RA	Inten.	Mass		% RA	Inten.	
39?	S	2.57	48.	442	S	44.43	829.
50?	S	9.16	171.	443	S	8.09	151.
51?	S	33.17	619.	479	S	1.39	26.
52?	S	1.61	30.				
57?	S	1.77	33.				
69	S	42.50	793.				
74	S	2.47	46.				
75	S	5.04	94.				
76	S	1.45	27.				
77	S	36.87	688.				
78	S	1.71	32.				
81	S	1.66	31.				
93	S	4.13	77.				
98	S	3.16	59.				
99	S	2.84	53.				
107	S	10.61	198.				
110	S	20.63	385.				
111	S	3.59	67.				
117	S	7.34	137.				
127	S	45.44	848.				
128	S	3.80	71.				
129	S	15.33	286.				
141	S	1.34	25.				
167	S	4.34	81.				
179	S	3.48	65.				
186	S	10.08	188.				
187	S	3.22	60.				
196	S	3.00	56.				
198	S	100.00	1866.				
199	S	6.22	116.				
204	S	1.45	27.				
205	S	4.88	91.				
206	S	19.67	367.				
207	S	1.66	31.				
217	S	5.95	111.				
221	S	8.41	157.				
224	S	12.33	230.				
225	S	2.89	54.				
227	S	4.02	75.				
244	S	9.49	177.				
255	S	41.75	779.				
256	S	5.25	98.				
258	S	1.34	25.				
274	S	2.09	39.				
275	S	22.99	429.				
276	S	2.04	38.				
296	S	4.23	79.				
365	S	1.61	30.				
423	S	1.66	31.				
441	S	3.64	68.				

300426

Data Subject To Validation

GC/MS Tuning and Mass Calibration

DECAFLUOROTRIPHENYLPHOSPHINE

Case Number: Laboratory: GULF Contract:
Inst ID: B Sens Date: 02/08/95 Sens Time: 10:21:00
Lab ID: BP020895J Cali Date: 10/02/91 Analyst: JAM

Data release authorized by: _____

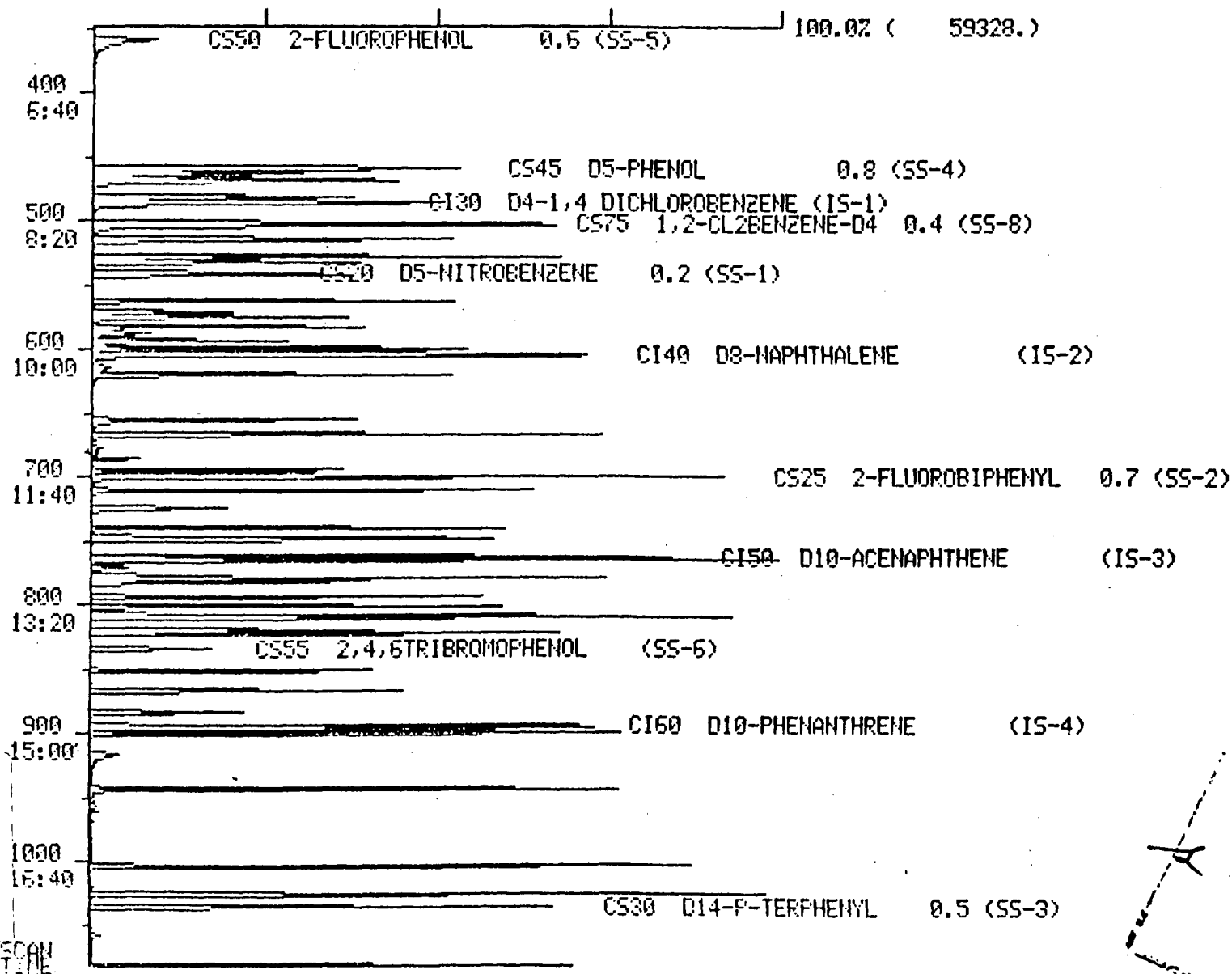
M/E	Ion Abundance Criteria	Spec # 495	
===	=====	=====	
51	30 to 60% of mass 198	33.17	
68	less than 2% of mass 69	0.00	(0.00) 1
69	mass 69 relative abundance	42.50	
70	less than 2% of mass 69	0.00	(0.00) 1
127	40 TO 60% of mass 198	45.44	
197	less than 1% of mass 198	0.00	
198	base peak, 100% relative abundance	100.00	
199	5 TO 9% of mass 198	6.22	
275	10 TO 30% of mass 198	22.99	
365	greater than 1% of mass 198	1.61	
441	less than mass 443	3.64	
442	greater than 40% of mass 198	44.43	
443	17 TO 23% of mass 442	8.09	(18.22) 2

1 - value in parenthesis is % of mass 69
2 - value in parenthesis is % of mass 442

300427

Data Subject To Validation

DATA FROM FILE: BS020895B SCANS 348 TO 1083 ACQUIRED: 02/08/95 11:24:00
CALI: BS020895B #1
SAMPLE: S5TD050 290-12-SU25
CONDS.: RTX-5 0.25MM X 30M 1.0UM 45/4-325020 INST B



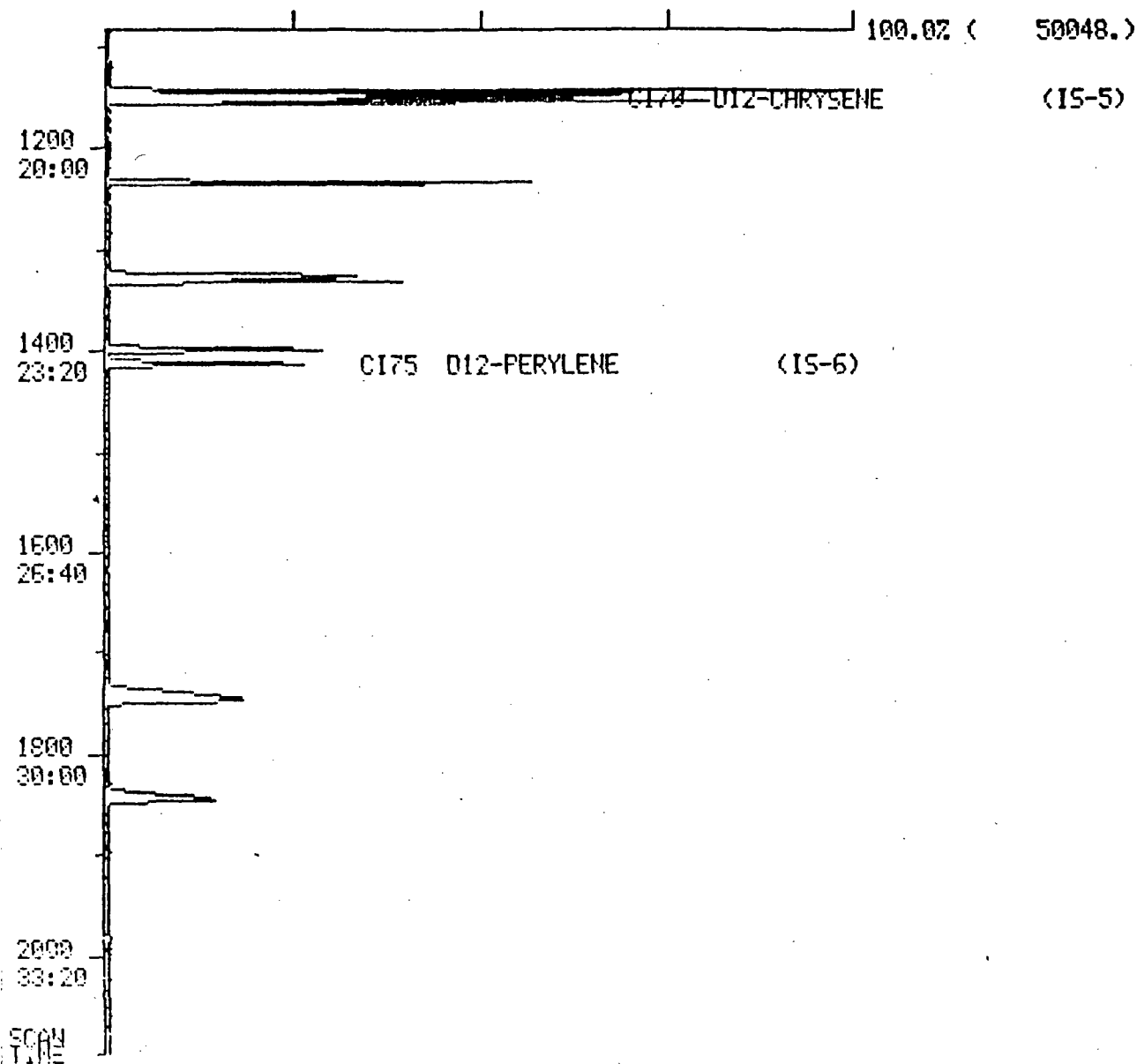
Data Subject To Validation

300428

SCAN
TIME

REVIEWED
FEB 9 1995

DATA FROM FILE: B5020895B SCANS 1083 TO 2100 ACQUIRED: 02/08/95 11:24:00
CALI: B5020895B #1
SAMPLE: SSTD050 290-12-SV25
CONDS.: RTX-5 0.25MM X 30M 1.0UM 45/4-325020 INST B



Data Subject To Validation

300429

Data: BS020895B.TI

02/08/95 11:24:00

Sample: SST0050 290-12-SV25

Conds.: RTX-5 0.25MM X 30M 1.0UM 45/4-325@20

INST B

Formula: X X X

Instrument: B

Weight: 1.000

Submitted by:

Analyst: JAM

Acct. No.:

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

Resp. fac. from Library Entry

No	Name
1	CI30 D4-1,4 DICHLOROBENZENE (IS-1)
2	CI40 DB-NAPHTHALENE (IS-2)
3	CI50 D10-ACENAPHTHENE (IS-3)
4	CI60 D10-PHENANTHRENE (IS-4)
5	CI70 D12-CHRYSENE (IS-5)
6	CI75 D12-PERYLENE (IS-6)
7	CS50 2-FLUOROPHENOL 0.6 (SS-5)
8	CS45 D5-PHENOL 0.8 (SS-4)
9	CS20 D5-NITROBENZENE 0.2 (SS-1)
10	CS25 2-FLUOROBIPHENYL 0.7 (SS-2)
11	CS55 2,4,6TRIBROMOPHENOL (SS-6)
12	CS30 D14-P-TERPHENYL 0.5 (SS-3)
13	CS70 2-CHLOROPHENOL-D4 0.8 (SS-7)
14	CS75 1,2-CL2BENZENE-D4 0.4 (SS-8)
15	C315 *PHENOL 0.8
16	C325 BIS(2CHLOROETHYL)E 0.7
17	C330 2CHLOROPHENOL 0.8
18	C335 1,3DICHLOROBENZENE 0.6
19	C340 *1,4DICHLOROBENZENE 0.5 T
20	C320 ANILINE
21	C310 N-NITROSODIMETHYLAMINE
22	C319 PYRIDINE T
23	C345 BENZYL ALCOHOL
24	C350 1,2DICHLOROBENZENE 0.4
25	C355 2METHYLPHENOL 0.7 T
26	C357 2,2'OXYBIS(1CHLOROPR
27	C365 4METHYLPHENOL 0.6 T
28	C370 &NITROSOPROPYLAMINE 0.5
29	C375 HEXACHLOROETHANE 0.3 T
30	C410 NITROBENZENE 0.2 T
31	C415 ISOPHORONE 0.4
32	C420 *2-NITROPHENOL 0.1
33	C425 2,4-DIMETHYLPHENOL 0.2
34	C430 BENZOIC ACID
35	C435 BIS(2CHLOROETHOXY) 0.3
36	C440 *2,4DICHLOROPHENOL 0.2
37	C445 1,2,4TRICHLOROBENZ 0.2
38	C450 NAPHTHALENE 0.7
39	C455 4-CHLOROANILINE
40	C460 *CL6BUTADIENE T
41	C465 *4CHLORO3METHYLPHEN 0.2
42	C470 2METHYLNAPHTHALENE 0.4
43	C510 &CL6CYCLOPENTADIENE
44	C515 *246TRICHLOROPHNEOL 0.2 T
45	C520 2,4,5TRICHLOROPHEN 0.2 T
46	C525 2CHLORONAPHTHALENE 0.8
47	C530 2-NITROANILINE

300430

Data Subject To Validation

No	Name	
48	C535	DIMETHYL PHTHALATE
49	C540	ACENAPHTHYLENE 1.3
50	C545	3-NITROANILINE

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
1	152	483	8:03	1	1.000	A BB	9715.	20.000 PPB	0.95
2	136	602	10:02	2	1.000	A BB	33991.	20.000 PPB	0.95
3	164	761	12:41	3	1.000	A BB	20687.	20.000 PPB	0.95
4	188	893	14:53	4	1.000	A BB	27470.	20.000 PPB	0.95
5	240	1149	19:09	5	1.000	A BB	24279.	20.000 PPB	0.95
6	264	1411	23:31	6	1.000	A BB	21766.	20.000 PPB	0.95
7	112	358	5:58	1	0.741	A BB	11548.	25.000 PPB	1.19
8	99	457	7:37	1	0.946	A BV	16029.	25.000 PPB	1.19
9	82	538	8:58	2	0.894	A BB	11292.	25.000 PPB	1.19
10	172	699	11:39	3	0.919	A BB	26378.	25.000 PPB	1.19
11	330	832	13:52	3	1.093	A BB	3061.	25.000 PPB	1.19
12	244	1035	17:15	5	0.901	A BB	24885.	25.000 PPB	1.19
13	132	466	7:46	1	0.965	A BB	14033.	25.000 PPB	1.19
14	152	501	8:21	1	1.037	A BB	9041.	25.000 PPB	1.19
15	94	458	7:38	1	0.948	A BB	17927.	25.000 PPB	1.19
16	93	462	7:42	1	0.957	A VB	16143.	25.000 PPB	1.19
17	128	467	7:47	1	0.967	A BB	13874.	25.000 PPB	1.19
18	146	479	7:59	1	0.992	A BV	15758.	25.000 PPB	1.19
19	146	484	8:04	1	1.002	A VB	17154.	25.000 PPB	1.19
20	93	457	7:37	1	0.946	A BV	13464.	25.000 PPB	1.19
21	74	179	2:59	1	0.371	A BB	7050.	25.000 PPB	1.19
22	79	178	2:58	1	0.369	A BB	9392.	25.000 PPB	1.19
23	108	500	8:20	1	1.035	A BB	8116.	25.000 PPB	1.19
24	146	502	8:22	1	1.039	A BB	15135.	25.000 PPB	1.19
25	108	512	8:32	1	1.060	A BB	11597.	25.000 PPB	1.19
26	45	513	8:33	1	1.062	A BB	13941.	25.000 PPB	1.19
27	108	526	8:46	1	1.089	A BB	12472.	25.000 PPB	1.19
28	70	526	8:46	1	1.089	A BB	6935.	25.000 PPB	1.19
29	117	530	8:50	1	1.097	A BB	5889.	25.000 PPB	1.19
30	77	540	9:00	2	0.897	A BB	11591.	25.000 PPB	1.19
31	82	561	9:21	2	0.932	A BB	22917.	25.000 PPB	1.19
32	139	569	9:29	2	0.945	A BB	7453.	25.000 PPB	1.19
33	107	573	9:33	2	0.952	A BB	8587.	25.000 PPB	1.19
34	122	586	9:46	2	0.973	A BB	4810.	25.000 PPB	1.19
35	93	581	9:41	2	0.965	A BB	15430.	25.000 PPB	1.19
36	162	591	9:51	2	0.982	A BB	11243.	25.000 PPB	1.19
37	180	598	9:58	2	0.993	A BB	13251.	25.000 PPB	1.19
38	128	604	10:04	2	1.003	A BV	37771.	25.000 PPB	1.19
39	127	613	10:13	2	1.018	A VB	6700.	25.000 PPB	1.19
40	225	618	10:18	2	1.027	A BB	6236.	25.000 PPB	1.19
41	107	654	10:54	2	1.086	A BB	8870.	25.000 PPB	1.19
42	142	665	11:05	2	1.105	A BB	24962.	25.000 PPB	1.19
43	237	684	11:24	3	0.899	A BB	1535.	25.000 PPB	1.19
44	196	693	11:33	3	0.911	A BV	7953.	25.000 PPB	1.19
45	196	698	11:38	3	0.917	A VB	8436.	25.000 PPB	1.19
46	162	709	11:49	3	0.932	A BB	23048.	25.000 PPB	1.19
47	65	723	12:03	3	0.950	A BB	4562.	25.000 PPB	1.19
48	163	738	12:18	3	0.970	A BB	26343.	25.000 PPB	1.19
49	152	747	12:27	3	0.982	A BB	34828.	25.000 PPB	1.19
50	138	761	12:41	3	1.000	A BB	413.	25.000 PPB	1.19

STOΦSP
BSΦ24895B

300431

Data Subject to Validation

No	Ret(L)	Ratio	RRT(L)	Ratio	Amnt	Amnt(L)	R. Fac	R. Fac(L)	Ratio
1	8:03	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
2	10:02	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
3	12:41	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
4	14:53	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
5	19:09	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
6	23:31	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
7	5:58	1.00	0.741	1.00	25.00	25.00	0.951	0.951	1.00
8	7:37	1.00	0.946	1.00	25.00	25.00	1.320	1.320	1.00
9	8:58	1.00	0.894	1.00	25.00	25.00	0.266	0.266	1.00
10	11:39	1.00	0.919	1.00	25.00	25.00	1.020	1.020	1.00
11	13:52	1.00	1.093	1.00	25.00	25.00	0.118	0.118	1.00
12	17:15	1.00	0.901	1.00	25.00	25.00	0.820	0.820	1.00
13	7:46	1.00	0.965	1.00	25.00	25.00	1.156	1.156	1.00
14	8:21	1.00	1.037	1.00	25.00	25.00	0.744	0.744	1.00
15	7:38	1.00	0.948	1.00	25.00	25.00	1.476	1.476	1.00
16	7:42	1.00	0.957	1.00	25.00	25.00	1.329	1.329	1.00
17	7:47	1.00	0.967	1.00	25.00	25.00	1.142	1.142	1.00
18	7:59	1.00	0.992	1.00	25.00	25.00	1.298	1.298	1.00
19	8:04	1.00	1.002	1.00	25.00	25.00	1.413	1.413	1.00
20	7:37	1.00	0.946	1.00	25.00	25.00	1.109	1.109	1.00
21	2:59	1.00	0.371	1.00	25.00	25.00	0.581	0.581	1.00
22	2:58	1.00	0.369	1.00	25.00	25.00	0.773	0.773	1.00
23	8:20	1.00	1.035	1.00	25.00	25.00	0.668	0.668	1.00
24	8:22	1.00	1.039	1.00	25.00	25.00	1.246	1.246	1.00
25	8:32	1.00	1.060	1.00	25.00	25.00	0.955	0.955	1.00
26	8:33	1.00	1.062	1.00	25.00	25.00	1.148	1.148	1.00
27	8:46	1.00	1.089	1.00	25.00	25.00	1.027	1.027	1.00
28	8:46	1.00	1.089	1.00	25.00	25.00	0.571	0.571	1.00
29	8:50	1.00	1.097	1.00	25.00	25.00	0.485	0.485	1.00
30	9:00	1.00	0.897	1.00	25.00	25.00	0.273	0.273	1.00
31	9:21	1.00	0.932	1.00	25.00	25.00	0.539	0.539	1.00
32	9:29	1.00	0.945	1.00	25.00	25.00	0.175	0.175	1.00
33	9:33	1.00	0.952	1.00	25.00	25.00	0.202	0.202	1.00
34	9:46	1.00	0.973	1.00	25.00	25.00	0.113	0.113	1.00
35	9:41	1.00	0.965	1.00	25.00	25.00	0.363	0.363	1.00
36	9:51	1.00	0.982	1.00	25.00	25.00	0.265	0.265	1.00
37	9:58	1.00	0.993	1.00	25.00	25.00	0.312	0.312	1.00
38	10:04	1.00	1.003	1.00	25.00	25.00	0.889	0.889	1.00
39	10:13	1.00	1.018	1.00	25.00	25.00	0.158	0.158	1.00
40	10:18	1.00	1.027	1.00	25.00	25.00	0.147	0.147	1.00
41	10:54	1.00	1.086	1.00	25.00	25.00	0.209	0.209	1.00
42	11:05	1.00	1.105	1.00	25.00	25.00	0.587	0.587	1.00
43	11:24	1.00	0.899	1.00	25.00	25.00	0.059	0.059	1.00
44	11:33	1.00	0.911	1.00	25.00	25.00	0.308	0.308	1.00
45	11:38	1.00	0.917	1.00	25.00	25.00	0.326	0.326	1.00
46	11:49	1.00	0.932	1.00	25.00	25.00	0.891	0.891	1.00
47	12:03	1.00	0.950	1.00	25.00	25.00	0.176	0.176	1.00
48	12:18	1.00	0.970	1.00	25.00	25.00	1.019	1.019	1.00
49	12:27	1.00	0.982	1.00	25.00	25.00	1.347	1.347	1.00
50	12:41	1.00	1.000	1.00	25.00	25.00	0.016	0.016	1.00

5570050

85020895B

300432

Data Subject To Validation

Data: BS020895B.TI

02/08/95 11:24:00

Sample: SST0050 290-12-SV25

Conds.: RTX-5 0.25MM X 30M 1.0UM 45/4-325e20

INST B

Formula: X X X

Instrument: B

Weight: 1.000

Submitted by:

Analyst: JAM

Acct. No.:

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

Resp. fac. from Library Entry

No	Name	
51	C550	*ACENAPHTHENE 0.8
52	C321	2,3,4,6-TETRACHLOROPHENOL
53	C555	&2,4DINITROPHENOL
54	C560	&4NITROPHENOL
55	C565	DIBENZOFURAN 0.8
56	C570	2,4DINITROTOLUENE 0.2 T
57	C543	2,6DINITROTOLUENE 0.2
58	C580	DIETHYL PHTHALATE
59	C585	4CHLOROPHENYL PHEN 0.4
60	C590	FLUORENE 0.9
61	C595	4-NITROANILINE
62	C610	4,6DINITRO2METHYLPH
63	C615	*DIPHENYLAMINE
64	C625	4BROMOPHENYL PHENY 0.1
65	C630	CL6BENZENE 0.1 T
66	C635	*PENTACHLOROPHENOL 0.05 T
67	C640	PHENANTHRENE 0.7
68	C645	ANTHRACENE 0.7
69	C650	DI-NBUTYLPHTHALATE
70	C655	*FLUORANTHENE 0.6
71	D200	1,2-DIPHENYLHYDRAZINE
72	C647	CARBAZOLE
73	C715	PYRENE 0.6
74	C720	BUTYLBENZYLPHTHALATE
75	C725	3,3'CL2BENZIDINE
76	C730	BENZO(A)ANTHRACENE 0.8
77	C740	BIS(2ETHYLHEXYL)PHTH
78	C735	CHRYSENE 0.7
79	C760	*DI-N-OCTYLPHTHALATE
80	C765	BENZO(B)FLUORANTHE 0.7
81	C770	BENZO(K)FLUORANTHE 0.7
82	C775	*BENZO(A)PYRENE 0.7
83	C780	INDENO(1,2,3CD)PYR 0.5
84	C785	DIBENZO(A,H)ANTHRA 0.4
85	C790	BENZO(G,H,I)PERYLE 0.5

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
51	153	764	12:44	3	1.004	A BR	21489.	25.000 PPB	1.19
52	232	793	13:13	3	1.042	A BB	8026.	25.000 PPB	1.19
53	184	768	12:48	3	1.009	A BB	2423.	25.000 PPB	1.19
54	109	775	12:55	3	1.018	A BR	1704.	25.000 PPB	1.19
55	168	778	12:58	3	1.022	A BB	33046.	25.000 PPB	1.19
56	165	781	13:01	3	1.026	A BB	8310.	25.000 PPB	1.19
57	165	746	12:26	3	0.980	A BB	6876.	25.000 PPB	1.19
58	149	800	13:20	3	1.051	A BB	23687.	25.000 PPB	1.19

300433

Data Subject To Validation

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
59	204	807	13:27	3	1.060	A BB	13104.	25.000 PPB	1.19
60	166	809	13:29	3	1.063	A BB	25696.	25.000 PPB	1.19
61	138	818	13:38	3	1.075	A BB	1483.	25.000 PPB	1.19
62	198	818	13:38	4	0.916	A BB	4235.	25.000 PPB	1.19
63	169	818	13:38	4	0.916	A BB	9876.	25.000 PPB	1.19
64	248	850	14:10	4	0.952	A BB	7132.	25.000 PPB	1.19
65	284	865	14:25	4	0.969	A BB	7579.	25.000 PPB	1.19
66	266	881	14:41	4	0.987	A BB	3960.	25.000 PPB	1.19
67	178	895	14:55	4	1.002	A BV	34059.	25.000 PPB	1.19
68	178	899	14:59	4	1.007	A VB	34251.	25.000 PPB	1.19
69	149	943	15:43	4	1.056	A BB	47503.	25.000 PPB	1.19
70	202	1003	16:43	4	1.123	A BB	39279.	25.000 PPB	1.19
71	77	821	13:41	4	0.919	A BB	25116.	25.000 PPB	1.19
72	167	914	15:14	4	1.024	A BB	7881.	25.000 PPB	1.19
73	202	1025	17:05	5	0.892	A BB	43158.	25.000 PPB	1.19
74	149	1081	18:01	5	0.941	A BB	20631.	25.000 PPB	1.19
75	252	1143	19:03	5	0.995	A BB	5211.	25.000 PPB	1.19
76	228	1147	19:07	5	0.998	A BV	33352.	25.000 PPB	1.19
77	149	1142	19:02	5	0.994	A BB	29110.	25.000 PPB	1.19
78	228	1153	19:13	5	1.003	A VB	30488.	25.000 PPB	1.19
79	149	1232	20:32	6	0.873	A BB	44053.	25.000 PPB	1.19
80	252	1325	22:05	6	0.939	A BV	29609.	25.000 PPB	1.19
81	252	1329	22:09	6	0.942	A VB	24792.	25.000 PPB	1.19
82	252	1397	23:17	6	0.990	A BB	24934.	25.000 PPB	1.19
83	276	1740	29:00	6	1.233	A BB	24304.	25.000 PPB	1.19
84	278	1745	29:05	6	1.237	A BB	19579.	25.000 PPB	1.19
85	276	1843	30:43	6	1.306	A BB	21086.	25.000 PPB	1.19

No	Ret(L)	Ratio	RRT(L)	Ratio	Amnt	Amnt(L)	R. Fac	R. Fac(L)	Ratio
51	12:44	1.00	1.004	1.00	25.00	25.00	0.831	0.831	1.00
52	13:13	1.00	1.042	1.00	25.00	25.00	0.310	0.310	1.00
53	12:48	1.00	1.009	1.00	25.00	25.00	0.094	0.094	1.00
54	12:55	1.00	1.018	1.00	25.00	25.00	0.066	0.066	1.00
55	12:58	1.00	1.022	1.00	25.00	25.00	1.278	1.278	1.00
56	13:01	1.00	1.026	1.00	25.00	25.00	0.321	0.321	1.00
57	12:26	1.00	0.980	1.00	25.00	25.00	0.266	0.266	1.00
58	13:20	1.00	1.051	1.00	25.00	25.00	0.916	0.916	1.00
59	13:27	1.00	1.060	1.00	25.00	25.00	0.507	0.507	1.00
60	13:29	1.00	1.063	1.00	25.00	25.00	0.994	0.994	1.00
61	13:38	1.00	1.075	1.00	25.00	25.00	0.057	0.057	1.00
62	13:38	1.00	0.916	1.00	25.00	25.00	0.123	0.123	1.00
63	13:38	1.00	0.916	1.00	25.00	25.00	0.288	0.288	1.00
64	14:10	1.00	0.952	1.00	25.00	25.00	0.208	0.208	1.00
65	14:25	1.00	0.969	1.00	25.00	25.00	0.221	0.221	1.00
66	14:41	1.00	0.987	1.00	25.00	25.00	0.115	0.115	1.00
67	14:55	1.00	1.002	1.00	25.00	25.00	0.992	0.992	1.00
68	14:59	1.00	1.007	1.00	25.00	25.00	0.997	0.997	1.00
69	15:43	1.00	1.056	1.00	25.00	25.00	1.383	1.383	1.00
70	16:43	1.00	1.123	1.00	25.00	25.00	1.144	1.144	1.00
71	13:41	1.00	0.919	1.00	25.00	25.00	0.731	0.731	1.00
72	15:14	1.00	1.024	1.00	25.00	25.00	0.230	0.230	1.00
73	17:05	1.00	0.892	1.00	25.00	25.00	1.422	1.422	1.00
74	18:01	1.00	0.941	1.00	25.00	25.00	0.680	0.680	1.00
75	19:03	1.00	0.995	1.00	25.00	25.00	0.172	0.172	1.00
76	19:07	1.00	0.998	1.00	25.00	25.00	1.099	1.099	1.00
77	19:02	1.00	0.994	1.00	25.00	25.00	0.959	0.959	1.00

5570057
250208958

300434

Data Subject To Validation

No	Ret(L)	Ratio	RRT(L)	Ratio	Amnt	Amnt(L)	R. Fac	R. Fac(L)	Ratio
78	19:13	1.00	1.003	1.00	25.00	25.00	1.005	1.005	1.00
79	20:32	1.00	0.873	1.00	25.00	25.00	1.619	1.619	1.00
80	22:05	1.00	0.939	1.00	25.00	25.00	1.088	1.088	1.00
81	22:09	1.00	0.942	1.00	25.00	25.00	0.911	0.911	1.00
82	23:17	1.00	0.990	1.00	25.00	25.00	0.916	0.916	1.00
83	29:00	1.00	1.233	1.00	25.00	25.00	0.893	0.893	1.00
84	29:05	1.00	1.237	1.00	25.00	25.00	0.720	0.720	1.00
85	30:43	1.00	1.306	1.00	25.00	25.00	0.775	0.775	1.00

SST0050
BS9208958

300435

Data Subject To Validation

Instrument Identifier: B

Calibration Date: 11/09/94

Standard File: BS020895B

Date: 02/08/95 Time: 11:24:00

MIN RF: SW(&) = .05 ✓ CLP = .01 OR BELOW

MAX %D: SW(*) = 30% ✓ CLP = 25%

Compound		Mean RF(I)	RF(O)	% D
CS50	2-FLUOROPHENOL	0.6 0.996	0.951	4.516
CS45	D5-PHENOL	0.8 1.309	1.320	0.857
CS20	D5-NITROBENZENE	0.2 0.294	0.266	9.541
CS25	2-FLUOROBIPHENYL	0.7 1.089	1.021	6.253
CS55	2,4,6-TRIBROMOPHENOL	0.117	0.119	1.182
CS30	D14-P-TERPHENYL	0.5 0.841	0.820	2.499
CS70	2-CHLOROPHENOL-D4	0.8 1.095	1.156	5.584
CS75	1,2-CL2BENZENE-D4	0.4 0.725	0.745	2.827
C315	*PHENOL	0.8 1.593	1.477	7.288 ✓
C325	BIS(2CHLOROETHYL)E	0.7 1.384	1.330	3.936
C330	2CHLOROPHENOL	0.8 1.118	1.143	2.244
C335	1,3DICHLOROBENZENE	0.6 1.234	1.298	5.175
C340	*1,4DICHLOROBENZENE	0.5 1.251	1.413	12.999 ✓
C320	ANILINE	1.393	1.109	20.345
C310	N-NITROSODIMETHYLAMINE	0.621	0.581	6.438
C319	PYRIDINE	0.918	0.774	15.698
C345	BENZYL ALCOHOL	0.581	0.669	15.130
C350	1,2DICHLOROBENZENE	0.4 1.143	1.247	9.122
C355	2METHYLPHENOL	0.7 1.035	0.955	7.645
C357	2,2'OXYBIS(1CHLOROPR	1.301	1.148	11.719
C365	4METHYLPHENOL	0.6 1.056	1.028	2.657
C370	&NITROSOPROPYLAMINE	0.5 0.614	0.572 ✓	6.962
C375	HEXACHLOROETHANE	0.3 0.454	0.485	6.978
C410	NITROBENZENE	0.2 0.294	0.273	7.179
C415	ISOPHORONE	0.4 0.575	0.540	6.153
C420	*2-NITROPHENOL	0.1 0.176	0.176	0.071 ✓
C425	2,4-DIMETHYLPHENOL	0.2 0.225	0.203	9.922
C430	BENZOIC ACID	0.140	0.114	18.788
C435	BIS(2CHLOROETHOXY)	0.3 0.388	0.364	6.286
C440	*2,4DICHLOROPHENOL	0.2 0.256	0.265	3.392 ✓
C445	1,2,4TRICHLOROBENZ	0.2 0.273	0.312	14.461
C450	NAPHTHALENE	0.7 0.857	0.889	3.837
C455	4-CHLOROANILINE	0.323	0.158	51.044
C460	*CL6BUTADIENE	0.127	0.147	16.002 ✓
C465	*4CHLORO3METHYLPHEN	0.2 0.237	0.209	11.646 ✓
C470	2METHYLNAPHTHALENE	0.4 0.583	0.588	0.848
C510	&CL6CYCLOPENTADIENE	0.286	0.060 ✓	79.054
C515	*246TRICHLOROPHNEOL	0.2 0.329	0.308	6.431 ✓
C520	2,4,5TRICHLOROPHEN	0.2 0.356	0.327	8.295
C525	2CHLORONAPHTHALENE	0.8 1.022	0.892	12.700
C530	2-NITROANILINE	0.271	0.177	34.727
C535	DIMETHYL PHTHALATE	1.111	1.019	8.274
C540	ACENAPHTHYLENE	1.3 1.558	1.347	13.498
C545	3-NITROANILINE	0.148	0.016	88.884
C550	*ACENAPHTHENE	0.8 0.916	0.832	9.263 ✓
C321	2,3,4,6-TETRACHLOROPHE	0.302	0.311	2.976
C555	&2,4DINITROPHENOL	0.148	0.094 ✓	36.201

300436

Data Subject To Validation

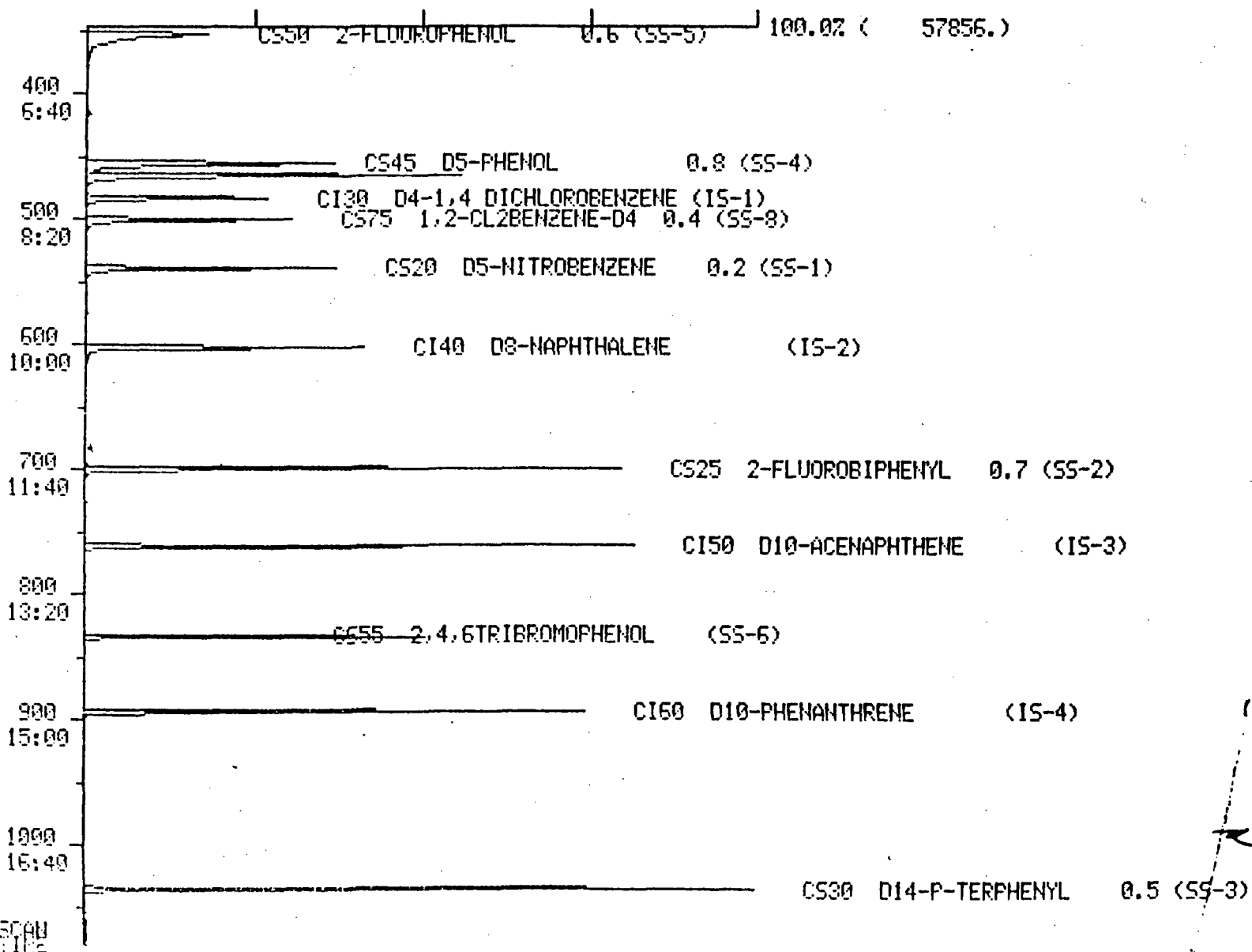
C565	DIBENZOFURAN	0.8	1.322	1.278	3.272
C570	2,4DINITROTOLUENE	0.2	0.360	0.322	10.490
C543	2,6DINITROTOLUENE	0.2	0.296	0.266	10.096
C580	DIETHYL PHTHALATE		1.062	0.917	13.661
C585	4CHLOROPHENYL PHEN	0.4	0.520	0.507	2.448
C590	FLUORENE	0.9	1.097	0.994	9.378
C595	4-NITROANILINE		0.124	0.058	53.291
C610	4,6DINITRO2METHYLPH		0.136	0.124	8.922
C615	*DIPHENYLAMINE		0.393	0.288	26.605 ✓
C625	4BROMOPHENYL PHENY	0.1	0.183	0.208	14.066
C630	CL6BENZENE	0.1	0.185	0.221	19.583
C635	*PENTACHLOROPHENOL	0.05	0.133	0.116	12.895 ✓
C640	PHENANTHRENE	0.7	1.012	0.992	1.913
C645	ANTHRACENE	0.7	1.021	0.998	2.287
C650	DI-NBUTYLPHTHALATE		1.245	1.384	11.116
C655	*FLUORANTHENE	0.6	0.987	1.144	15.945 ✓
D200	1,2-DIPHENYLHYDRAZINE		0.813	0.732	9.931
C647	CARBAZOLE		0.591	0.230	61.097
C715	PYRENE	0.6	1.440	1.423	1.187
C720	BUTYLBENZYLPHTHALATE		0.714	0.680	4.765
C725	3,3'-CL2BENZIDINE		0.135	0.172	27.709
C730	BENZO(A)ANTHRACENE	0.8	1.107	1.099	0.657
C740	BIS(2ETHYLHEXYL)PHTH		0.978	0.960	1.899
C735	CHRYSENE	0.7	1.007	1.005	0.227
C760	*DI-N-OCTYLPHTHALATE		1.555	1.620	4.131 ✓
C765	BENZO(B)FLUORANTHE	0.7	1.079	1.089	0.914
C770	BENZO(K)FLUORANTHE	0.7	0.909	0.912	0.263
C775	*BENZO(A)PYRENE	0.7	0.917	0.917	0.054 ✓
C780	INDENO(1,2,3CD)PYR	0.5	0.920	0.894	2.818
C785	DIBENZO(A,H)ANTHRA	0.4	0.713	0.720	0.948
C790	BENZO(G,H,I)PERYLE	0.5	0.765	0.776	1.409

continuing
BS629895D

300437

data subject to ventilation

DATA FROM FILE: SV12098WB2 SCANS 346 TO 1081 ACQUIRED: 02/08/95 12:06:00
 CALI: SV12098WB2 #1
 SAMPLE: SBLKN WATER-12098WB2
 CONDS.: RTX-5 0.25MM X 30M 1.0UM 45/4-325020 INST B



Date Subject To Validation

300438

SCAN
TIME

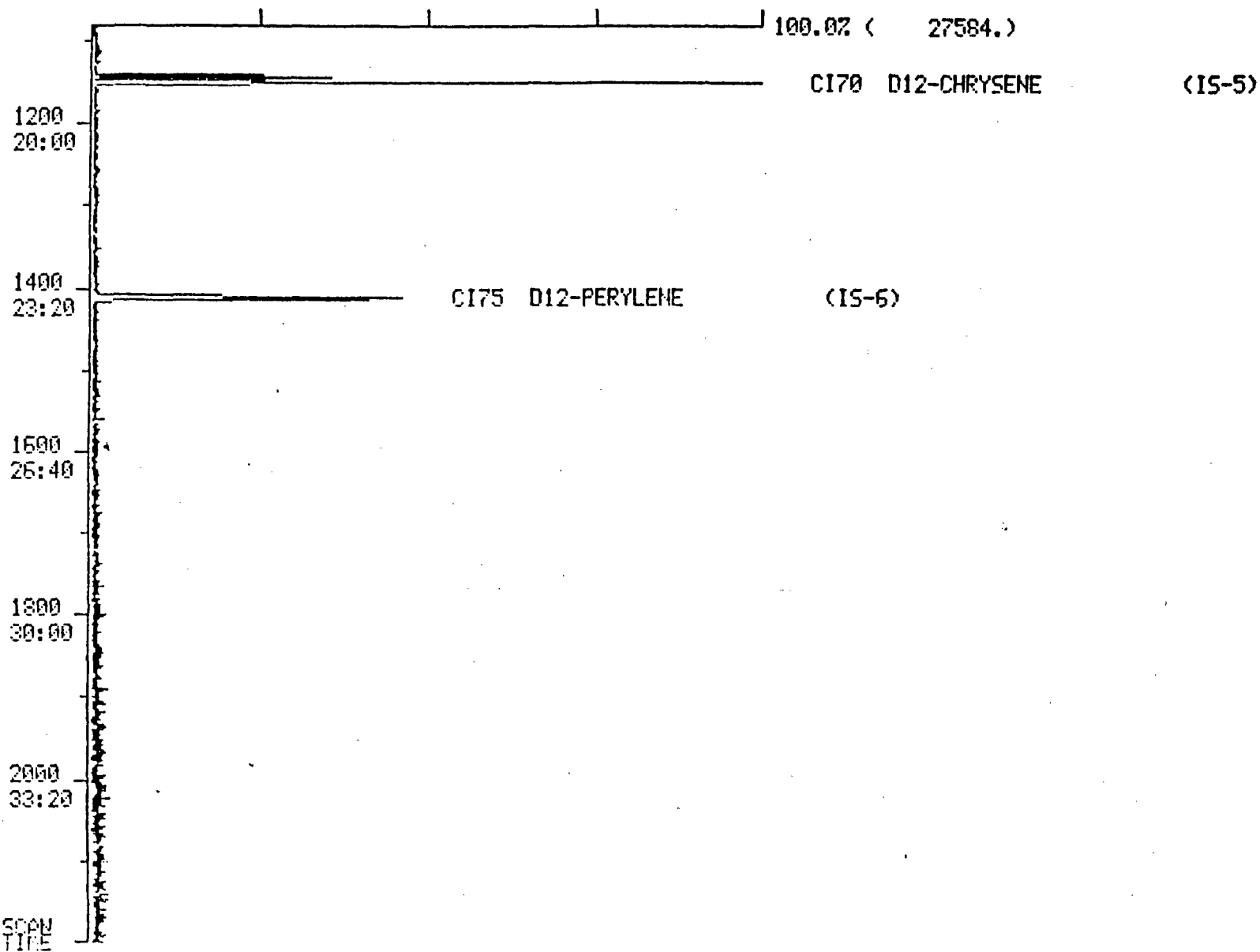
REVIEWED
FEB 9 1995

DATA FROM FILE: SV12098WB2 SCANS 1001 TO 2200 ACQUIRED: 02/08/95 12:06:00

CALI: SV12098WB2 #1

SAMPLE: SBLKW WATER-12098WB2

CONDS.: RTX-5 0.25MM X 30M 1.0UM 45/4-325020 INST B



300439

Data Subject To Validation

Data: SV12098WB2.TI

02/08/95 12:06:00

Sample: SBLKW WATER-12098WB2

Conds.: RTX-5 0.25MM X 30M 1.0UM 45/4-325@20 INST B

Formula: X X X

Instrument: B

Weight: 1.000

Submitted by:

Analyst: JAM

Acct. No.: 12098

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

Resp. fac. from Library Entry

No	Name
1	CI30 D4-1,4 DICHLOROBENZENE (IS-1)
2	CI40 DB-NAPHTHALENE (IS-2)
3	CI50 D10-ACENAPHTHENE (IS-3)
4	CI60 D10-PHENANTHRENE (IS-4)
5	CI70 D12-CHRYSENE (IS-5)
6	CI75 D12-PERYLENE (IS-6)
7	CS50 2-FLUOROPHENOL 0.6 (SS-5)
8	CS45 D5-PHENOL 0.8 (SS-4)
9	CS20 D5-NITROBENZENE 0.2 (SS-1)
10	CS25 2-FLUOROBIPHENYL 0.7 (SS-2)
11	CS55 2,4,6TRIBROMOPHENOL (SS-6)
12	CS30 D14-P-TERPHENYL 0.5 (SS-3)
13	CS70 2-CHLOROPHENOL-D4 0.8 (SS-7)
14	CS75 1,2-CL2BENZENE-D4 0.4 (SS-8)
15	C740 BIS(2ETHYLHEXYL)PHTH

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
1	152	481	8:01	1	1.000	A BB	7994.	20.000 PPB	4.20
2	136	601	10:01	2	1.000	A BB	29932.	20.000 PPB	4.20
3	164	760	12:40	3	1.000	A BB	19243.	20.000 PPB	4.20
4	188	892	14:52	4	1.000	A BB	25386.	20.000 PPB	4.20
5	240	1148	19:08	5	1.000	A BB	20434.	20.000 PPB	4.20
6	264	1410	23:30	6	1.000	A BB	20836.	20.000 PPB	4.20
7	112	351	5:51	1	0.730	A BB	18861.	49.623 PPB	10.43
8	99	453	7:33	1	0.942	A BB	29176.	55.302 PPB	11.62
9	82	537	8:57	2	0.894	A BB	14996.	37.703 PPB	7.92
10	172	698	11:38	3	0.918	A BB	28764.	29.307 PPB	6.16
11	330	831	13:51	3	1.093	A BB	5875.	51.583 PPB	10.84
12	244	1035	17:15	5	0.902	A BB	37113.	44.300 PPB	9.31
13	132	463	7:43	1	0.963	A BB	25181.	54.518 PPB	11.46
14	152	499	8:19	1	1.037	A BB	7916.	26.602 PPB	5.59
15	149	1141	19:01	5	0.994	A BB	6721.	6.858 PPB	1.44

No	Ret(L)	Ratio	RRT(L)	Ratio	Amnt	Amnt(L)	R. Fac	R. Fac(L)	Ratio
1	8:03	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
2	10:02	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
3	12:41	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
4	14:53	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
5	19:09	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
6	23:31	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
7	5:58	0.98	0.741	0.98	49.62	25.00	1.888	0.951	1.98
8	7:37	0.99	0.946	1.00	55.30	25.00	2.920	1.320	2.21
9	8:58	1.00	0.894	1.00	37.70	25.00	0.401	0.266	1.51

300440

Data Subject To Validation

No	Ret(L)	Ratio	RRT(L)	Ratio	Amnt	Amnt(L)	R. Fac	R. Fac(L)	Ratio
10	11:39	1.00	0.919	1.00	29.31	25.00	1.196	1.020	1.17
11	13:52	1.00	1.093	1.00	51.58	25.00	0.244	0.118	2.06
12	17:15	1.00	0.901	1.00	44.30	25.00	1.453	0.820	1.77
13	7:46	0.99	0.965	1.00	54.52	25.00	2.520	1.156	2.18
14	8:21	1.00	1.037	1.00	26.60	25.00	0.792	0.744	1.06
15	19:02	1.00	0.994	1.00	6.86	25.00	0.263	0.959	0.27

300441

Date Subject To Validation

TARGET COMPOUND COMPARISON

COMPOUND: C740 BIS(2ETHYLHEXYL)PHTH

RAW DATA: SU12098WB2 #1141

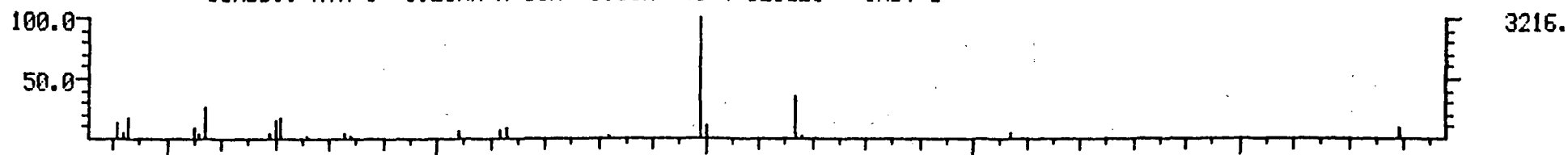
BASE M/Z: 149

RIC: 9856.

02/08/95 12:06

SAMPLE: SELKW WATER-12098WB2

CONDS.: RTX-5 0.25MM X 30M 1.0UM 45/4-325020 INST B



ENHANCED DATA: SU12098WB2 #1141

BASE M/Z: 149

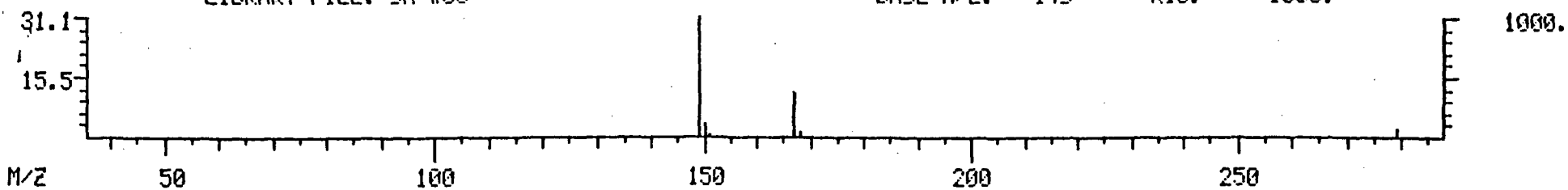
RIC: 7624.



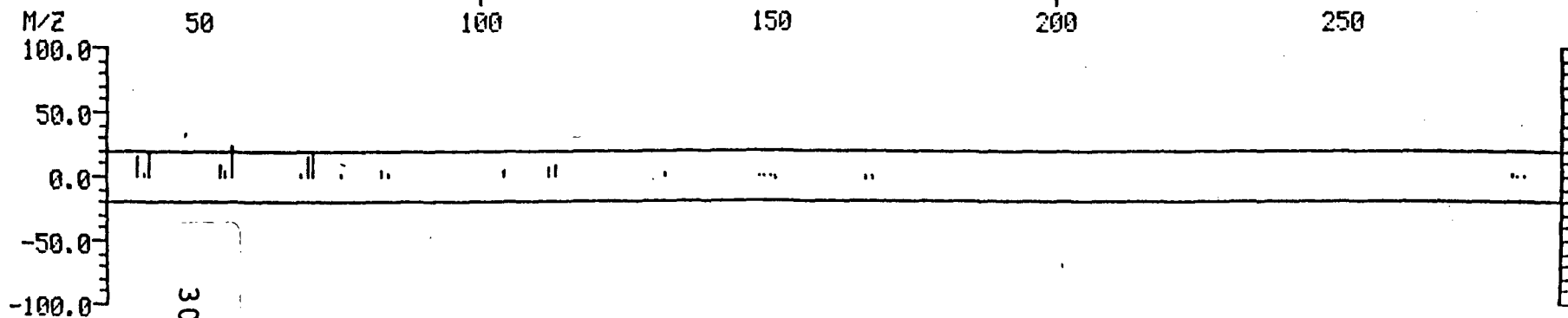
LIBRARY FILE: SN #56

BASE M/Z: 149

RIC: 1586.



Data Subject To Validation



300442

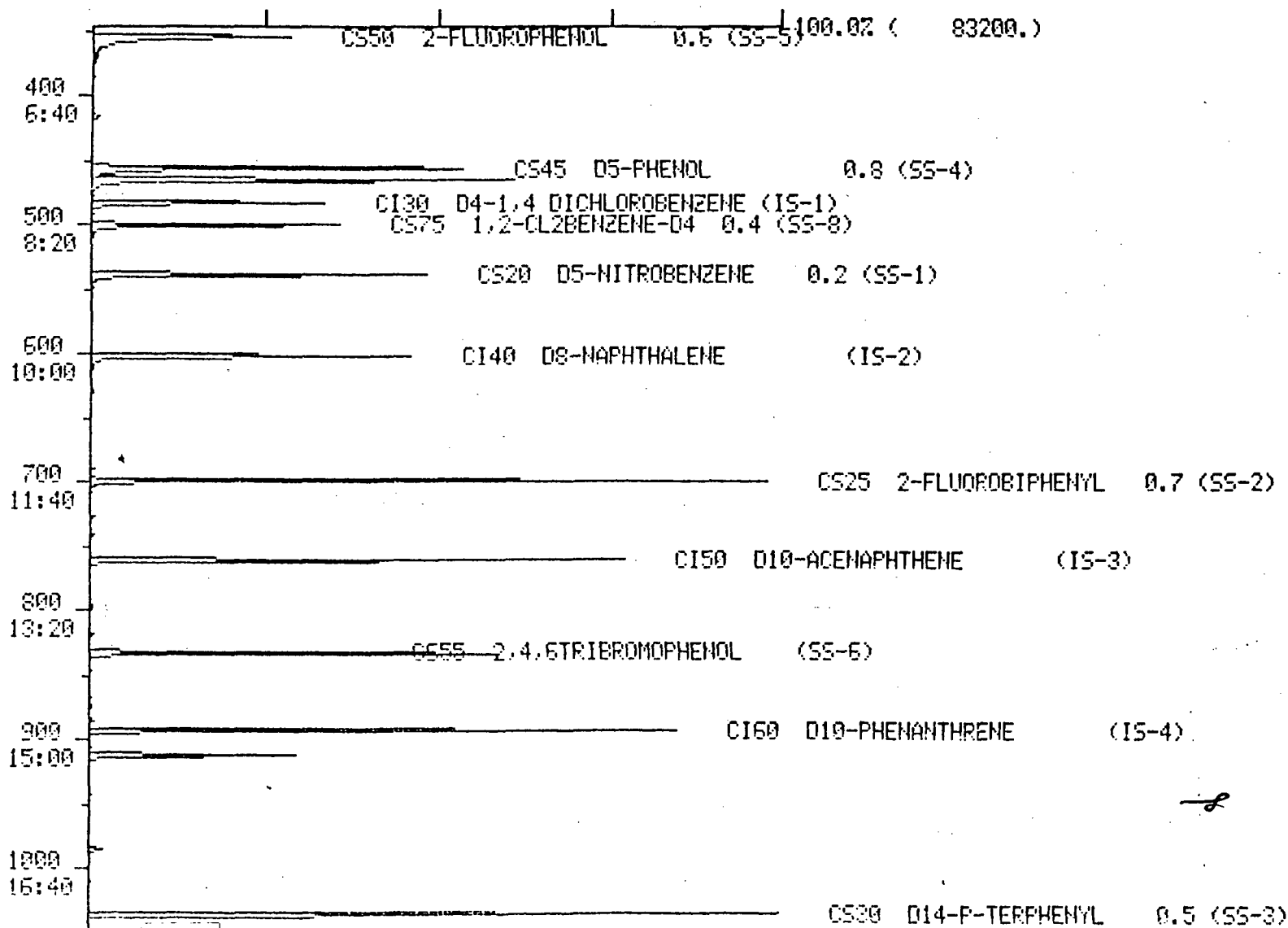
DATA FROM FILE: SUVSR01

SCANS 346 TO 1081 ACQUIRED: 02/08/95 14:15:00

CALI: SUVSR01 #1

SAMPLE: RBS0/012495 WATER HLA

CONDS.: RTX-5 0.25MM X 30M 1.0UM 45/4-325020 INST B



Data Subject To Validation

300443

FEB 9 1995

REVIEWED

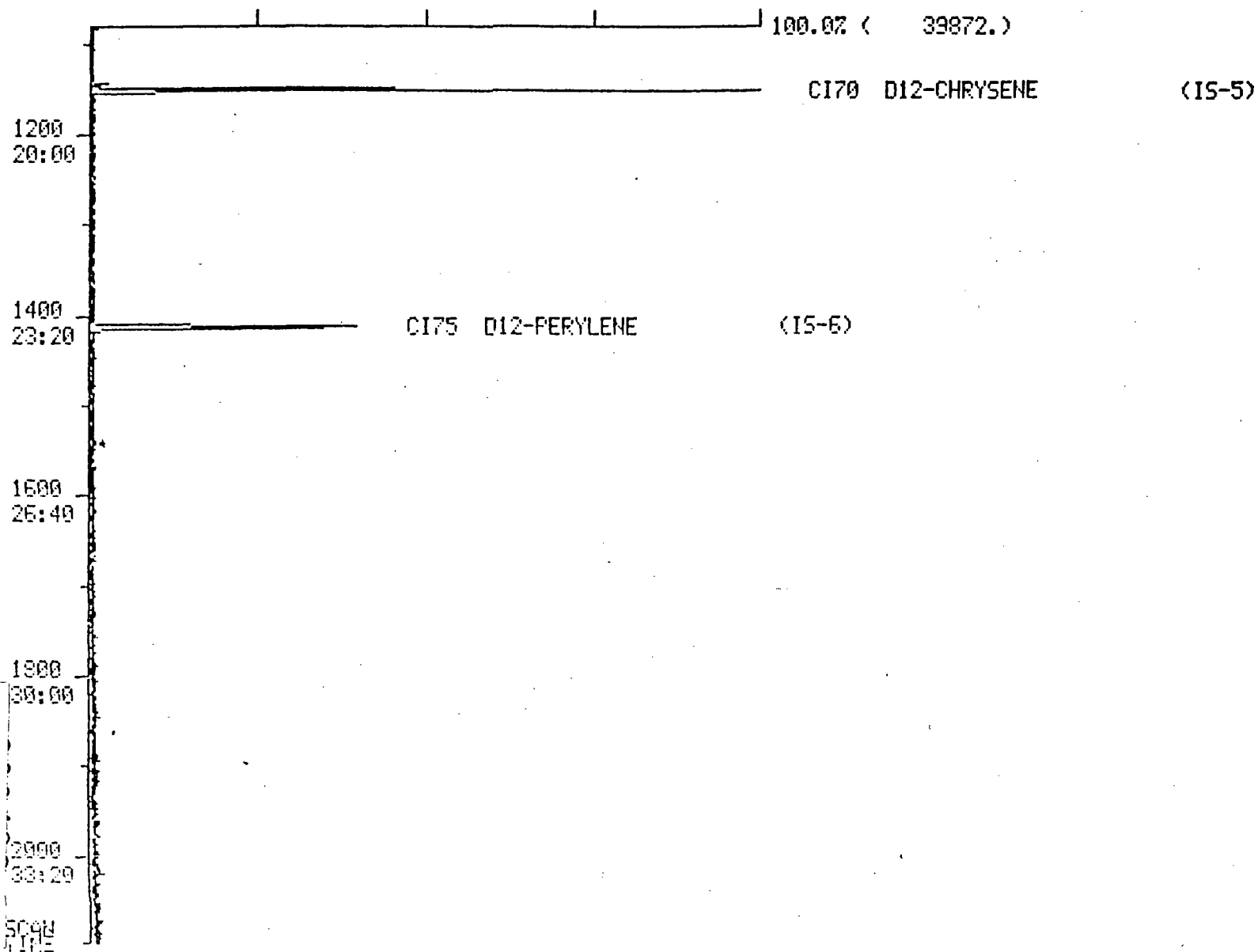
DATA FROM FILE: SUUSR01

SCANS 1081 TO 2100 ACQUIRED: 02/08/95 14:15:00

CALI: SUUSR01 #1

SAMPLE: RBS0/012495 WATER HLA

CONDS.: RTX-5 0.25MM X 30M 1.0UM 45/4-325020 INST B



Data Subject To Validation

Data: SVVSR01.TI

02/08/95 14:15:00

Sample: RBSO/012495 WATER HLA

Conds.: RTX-5 0.25MM X 30M 1.0UM 45/4-325@20

INST B

Formula: X X X

Instrument: B

Weight: 1.000

Submitted by:

Analyst: JAM

Acct. No.: 12098

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

Resp. fac. from Library Entry

No	Name
1	CI30 D4-1,4 DICHLOROBENZENE (IS-1)
2	CI40 DB-NAPHTHALENE (IS-2)
3	CI50 D10-ACENAPHTHENE (IS-3)
4	CI60 D10-PHENANTHRENE (IS-4)
5	CI70 D12-CHRYSENE (IS-5)
6	CI75 D12-PERYLENE (IS-6)
7	CS50 2-FLUOROPHENOL 0.6 (SS-5)
8	CS45 D5-PHENOL 0.8 (SS-4)
9	CS20 D5-NITROBENZENE 0.2 (SS-1)
10	CS25 2-FLUOROBIPHENYL 0.7 (SS-2)
11	CS55 2,4,6-TRIBROMOPHENOL (SS-6)
12	CS30 D14-P-TERPHENYL 0.5 (SS-3)
13	CS70 2-CHLOROPHENOL-D4 0.8 (SS-7)
14	CS75 1,2-CL2BENZENE-D4 0.4 (SS-8)

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
1	152	481	8:01	1	1.000	A BB	10996.	20.000 PPB	3.97
2	136	600	10:00	2	1.000	A BB	42655.	20.000 PPB	3.97
3	164	760	12:40	3	1.000	A BB	28874.	20.000 PPB	3.97
4	188	892	14:52	4	1.000	A BB	40709.	20.000 PPB	3.97
5	240	1150	19:10	5	1.000	A BB	30766.	20.000 PPB	3.97
6	264	1412	23:32	6	1.000	A BB	24404.	20.000 PPB	3.97
7	112	353	5:53	1	0.734	A BB	29269.	55.982 PPB	11.12
8	99	455	7:35	1	0.946	A BV	45010.	62.023 PPB	12.32
9	82	537	8:57	2	0.895	A BB	23947.	42.249 PPB	8.39
10	172	698	11:38	3	0.918	A BB	45367.	30.806 PPB	6.12
11	330	831	13:51	3	1.093	A BB	9685.	56.672 PPB	11.25
12	244	1035	17:15	5	0.900	A BB	58531.	46.403 PPB	9.22
13	132	464	7:44	1	0.965	A BB	38401.	60.442 PPB	12.00
14	152	499	8:19	1	1.037	A BB	11851.	28.953 PPB	5.75

No	Ret(L)	Ratio	RRT(L)	Ratio	Amnt	Amnt(L)	R. Fac	R. Fac(L)	Ratio
1	8:03	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
2	10:02	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
3	12:41	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
4	14:53	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
5	19:09	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
6	23:31	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
7	5:58	0.99	0.741	0.99	55.98	25.00	2.129	0.951	2.24
8	7:37	1.00	0.946	1.00	62.02	25.00	3.275	1.320	2.48
9	8:58	1.00	0.894	1.00	42.25	25.00	0.449	0.266	1.69
10	11:39	1.00	0.919	1.00	30.81	25.00	1.257	1.020	1.23
11	13:52	1.00	1.093	1.00	56.67	25.00	0.268	0.118	2.27

300445

Data Subject To Validation

No	Ret(L)	Ratio	RRT(L)	Ratio	Amnt	Amnt(L)	R. Fac	R. Fac(L)	Ratio
12	17:15	1.00	0.901	1.00	46.40	25.00	1.522	0.820	1.86
13	7:46	1.00	0.965	1.00	60.44	25.00	2.794	1.156	2.42
14	8:21	1.00	1.037	1.00	28.95	25.00	0.862	0.744	1.16

300446

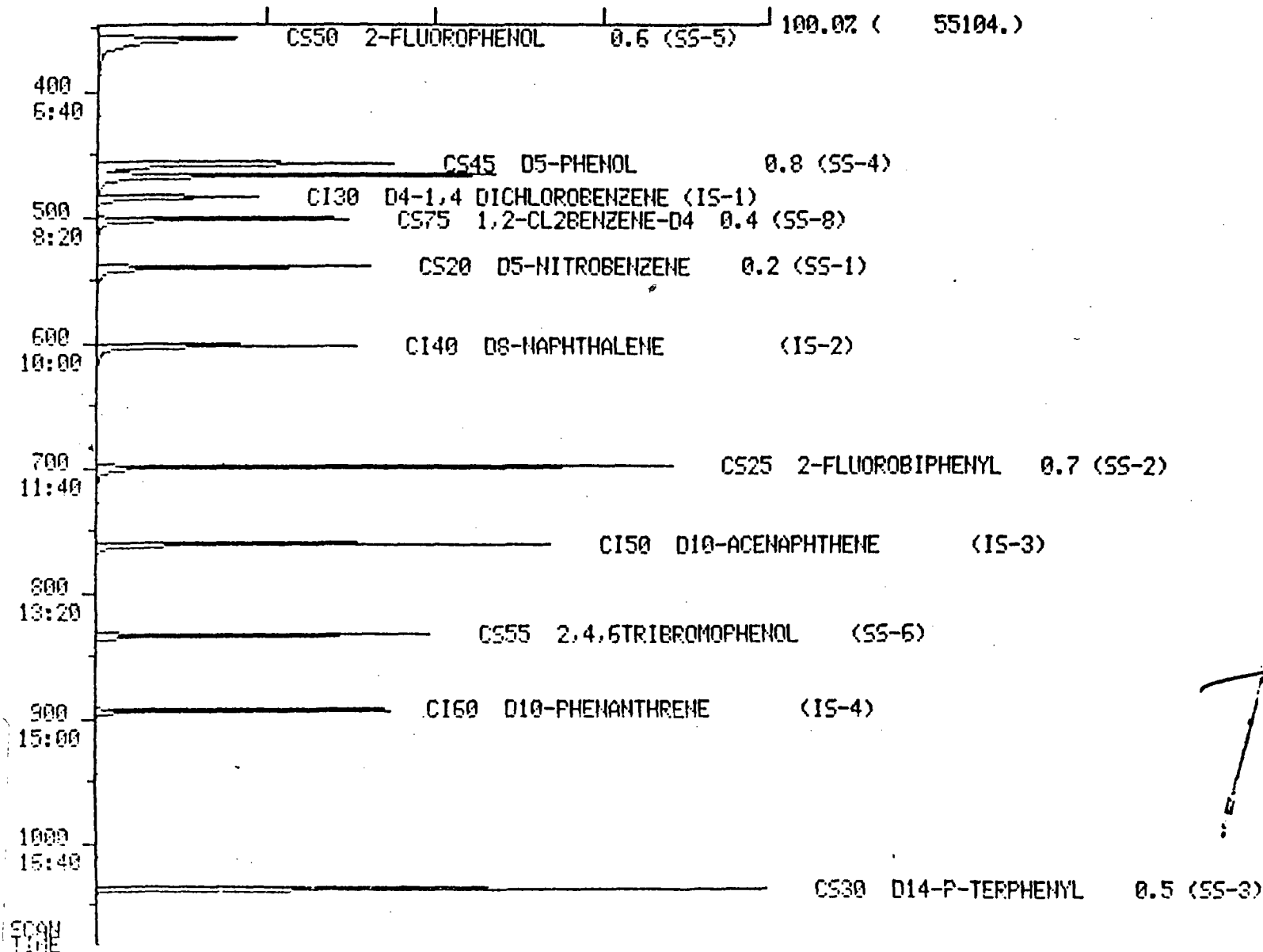
Date Subject To Valuation

DATA FROM FILE: SV12158WB1 SCANS 347 TO 1082 ACQUIRED: 02/08/95 17:31:00

CALI: SV12158WB1 #1

SAMPLE: SBLKW WATER-12158WB1

CONDS.: RTX-5 0.25MM X 30M 1.0UM 45/4-325020 INST B



Data Subject To Validation

300447

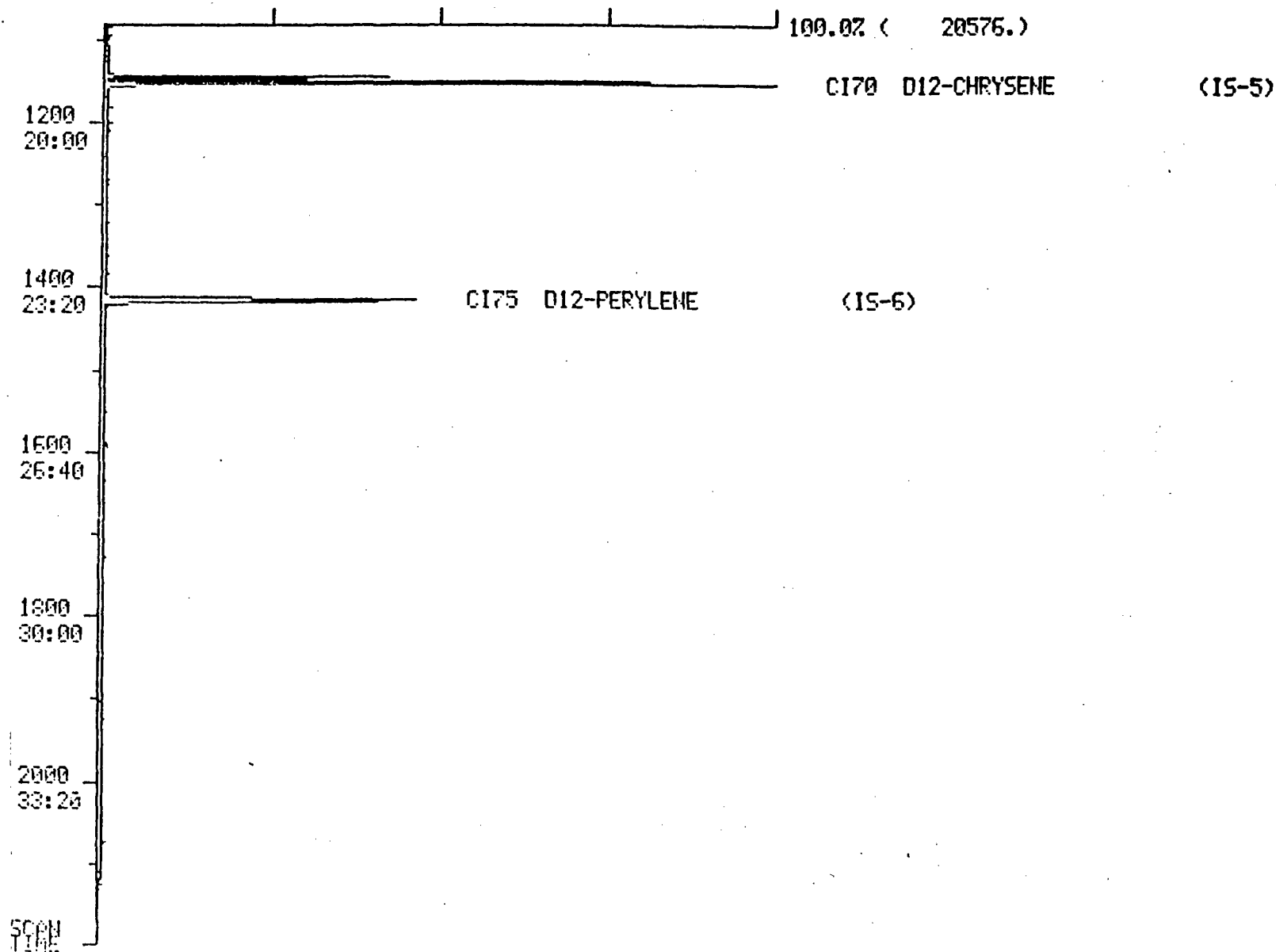
REVIEWED
FEB 9 1995

DATA FROM FILE: SV12158WB1 SCANS 1082 TO 2200 ACQUIRED: 02/08/95 17:31:00

CALI: SV12158WB1 #1

SAMPLE: SBLKW WATER-12158WB1

CONDS.: RTX-5 0.25MM X 30M 1.0UM 45/4-325020 INST B



Data subject to validation

300448

Data: SV12158WB1.TI

02/08/95 17:31:00

Sample: SBLKW WATER-12158WB1

Conds.: RTX-5 0.25MM X 30M 1.0UM 45/4-325@20

INST B

Formula: X X X

Instrument: B

Weight: 1.000

Submitted by:

Analyst: JAM

Acct. No.: 12158

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

Resp. fac. from Library Entry

No	Name
1	CI30 D4-1,4 DICHLOROBENZENE (IS-1)
2	CI40 D8-NAPHTHALENE (IS-2)
3	CI50 D10-ACENAPHTHENE (IS-3)
4	CI60 D10-PHENANTHRENE (IS-4)
5	CI70 D12-CHRYSENE (IS-5)
6	CI75 D12-PERYLENE (IS-6)
7	CS50 2-FLUOROPHENOL 0.6 (SS-5)
8	CS45 D5-PHENOL 0.8 (SS-4)
9	CS20 D5-NITROBENZENE 0.2 (SS-1)
10	CS25 2-FLUOROBIPHENYL 0.7 (SS-2)
11	CS55 2,4,6-TRIBROMOPHENOL (SS-6)
12	CS30 D14-P-TERPHENYL 0.5 (SS-3)
13	CS70 2-CHLOROPHENOL-D4 0.8 (SS-7)
14	CS75 1,2-CL2BENZENE-D4 0.4 (SS-8)
15	C740 BIS(2ETHYLHEXYL)PHTH

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
1	152	482	8:02	1	1.000	A BB	7042.	20.000 PPB	3.43
2	136	601	10:01	2	1.000	A BB	26145.	20.000 PPB	3.43
3	164	760	12:40	3	1.000	A BB	16646.	20.000 PPB	3.43
4	188	892	14:52	4	1.000	A BB	21609.	20.000 PPB	3.43
5	240	1151	19:11	5	1.000	A BB	17708.	20.000 PPB	3.43
6	264	1414	23:34	6	1.000	A BB	17396.	20.000 PPB	3.43
7	112	357	5:57	1	0.741	A BB	21400.	63.913 PPB	10.96
8	99	456	7:36	1	0.946	A BB	31879.	68.594 PPB	11.76
9	82	538	8:58	2	0.895	A BB	17818.	51.286 PPB	8.79
10	172	698	11:38	3	0.918	A BB	37330.	43.969 PPB	7.54
11	330	832	13:52	3	1.095	A BB	6105.	61.965 PPB	10.62
12	244	1036	17:16	5	0.900	A BB	38846.	53.507 PPB	9.17
13	132	465	7:45	1	0.965	A BB	29341.	72.113 PPB	12.36
14	152	501	8:21	1	1.039	A BB	10633.	40.563 PPB	6.95
15	149	1144	19:04	5	0.994	A BB	6274.	7.388 PPB	1.27

No	Ret(L)	Ratio	RRT(L)	Ratio	Amnt	Amnt(L)	R. Fac	R. Fac(L)	Ratio
1	8:03	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
2	10:02	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
3	12:41	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
4	14:53	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
5	19:09	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
6	23:31	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
7	5:58	1.00	0.741	1.00	63.91	25.00	2.431	0.951	2.56
8	7:37	1.00	0.946	1.00	68.59	25.00	3.622	1.320	2.74
9	8:58	1.00	0.894	1.00	51.29	25.00	0.545	0.266	2.05

300449

Data Subject To Validation

No	Ret(L)	Ratio	RRT(L)	Ratio	Amnt	Amnt(L)	R. Fac	R. Fac(L)	Ratio
10	11:39	1.00	0.919	1.00	43.97	25.00	1.794	1.020	1.76
11	13:52	1.00	1.093	1.00	61.97	25.00	0.293	0.118	2.48
12	17:15	1.00	0.901	1.00	53.51	25.00	1.755	0.820	2.14
13	7:46	1.00	0.965	1.00	72.11	25.00	3.333	1.156	2.88
14	8:21	1.00	1.037	1.00	40.56	25.00	1.208	0.744	1.62
15	19:02	1.00	0.994	1.00	7.39	25.00	0.283	0.959	0.30

300450

Data Subject To Validation

TARGET COMPOUND COMPARISON

COMPOUND: C740 BIS(2ETHYLHEXYL)PHTH

RAW DATA: SU12158WB1 #1144

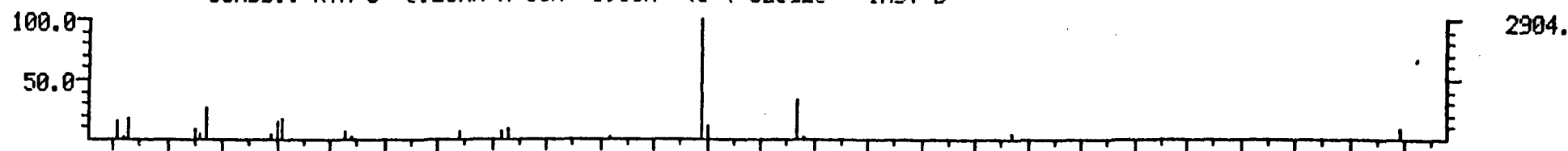
BASE M/Z: 149

RIC: 8768.

02/08/95 17:31

SAMPLE: SBLKN WATER-12158WB1

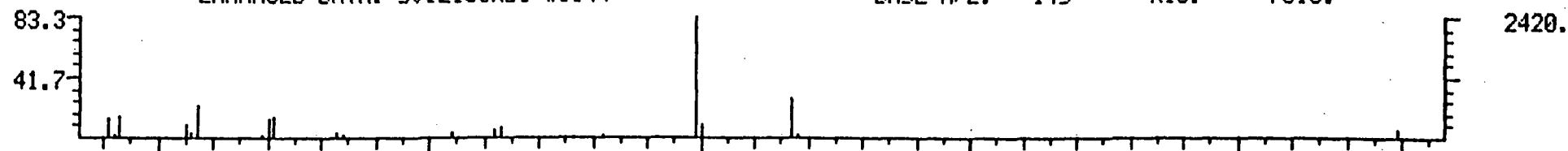
CONDS.: RTX-5 0.25MM X 30M 1.0UM 45/4-325@20 INST B



ENHANCED DATA: SU12158WB1 #1144

BASE M/Z: 149

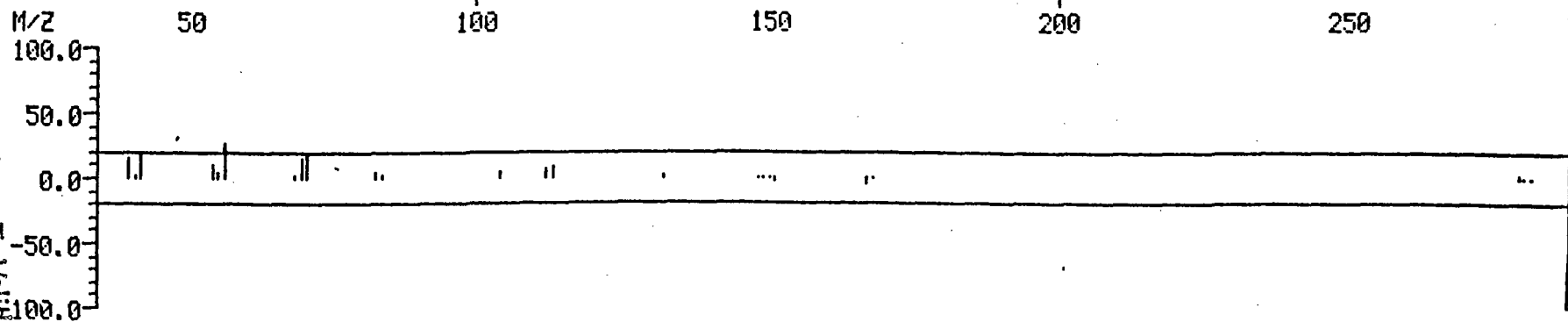
RIC: 7016.



LIBRARY FILE: SN #56

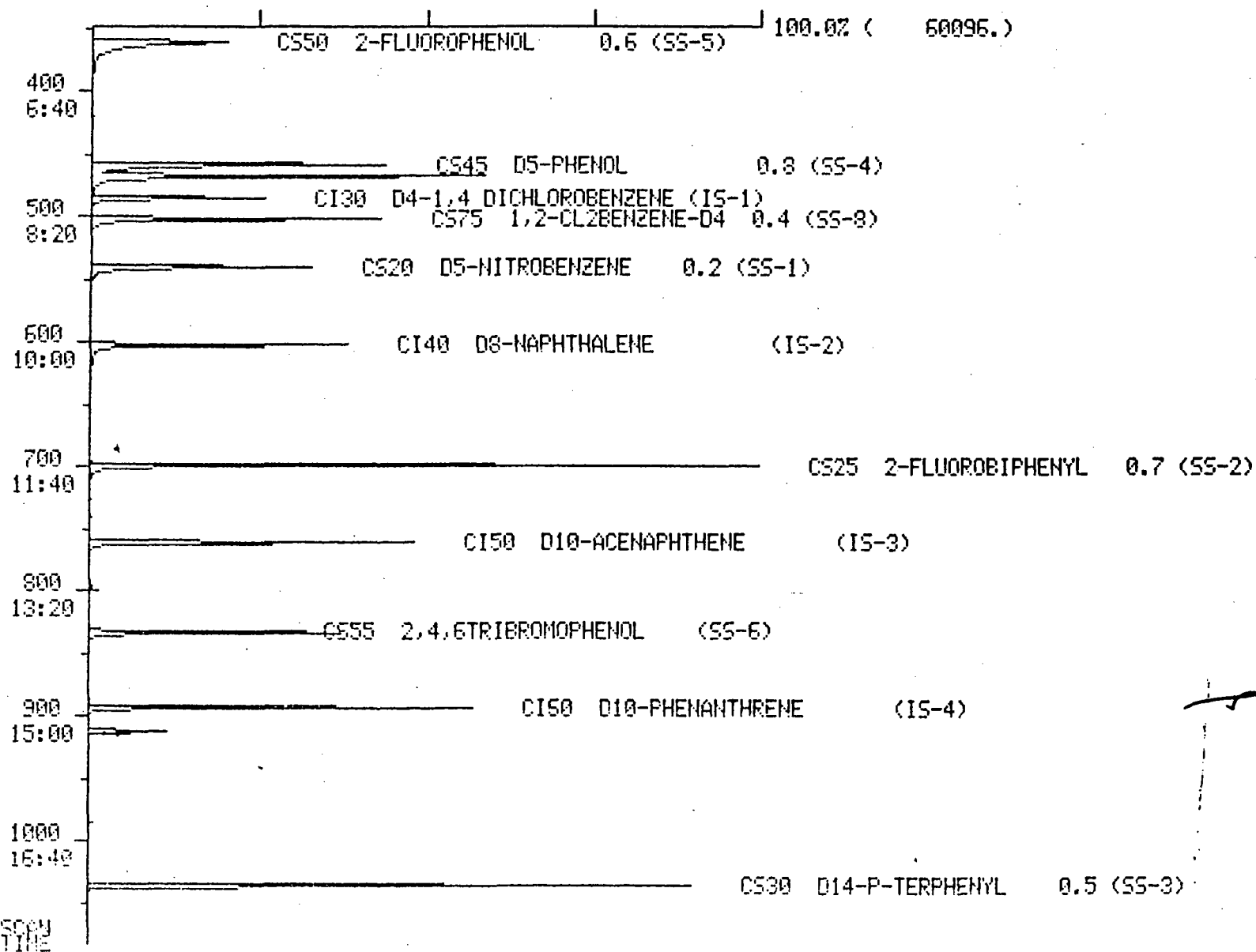
BASE M/Z: 149

RIC: 1586.



Data Subject To Validation
300451

DATA FROM FILE: SUUTF01P SCANS 348 TO 1083 ACQUIRED: 02/08/95 18:54:00
 CALI: SUUTF01P #1
 SAMPLE: RB50/012795 WATER HLA
 CONDS.: RTX-5 0.25MM X 30M 1.0UM 45/4-325020 INST B



Data Subject To Validation

300452

SCAN
TIME

FEB 9 1995

REVIEWED

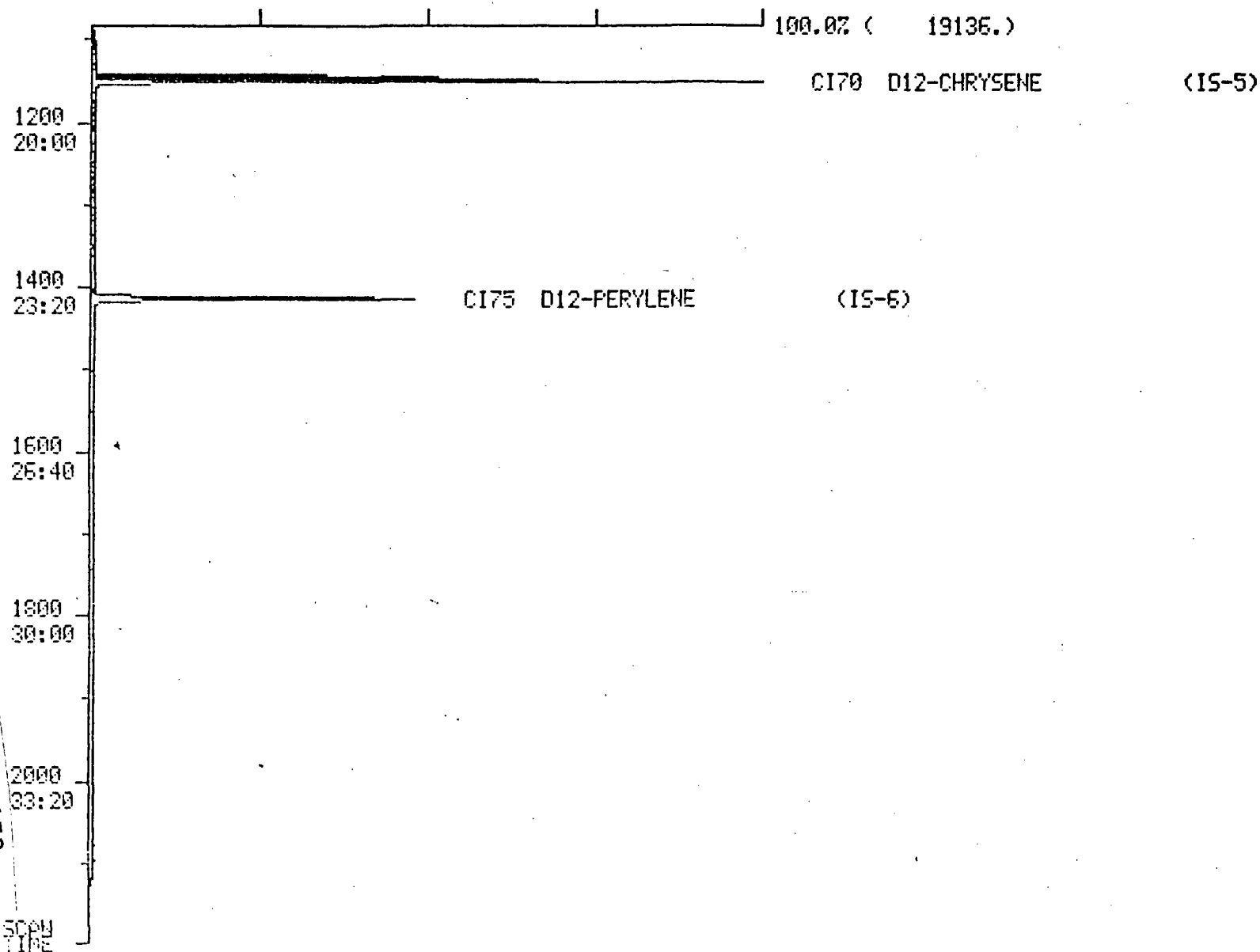
DATA FROM FILE: SVUTF01P

SCANS 1083 TO 2200 ACQUIRED: 02/08/95 18:54:00

CAL1: SVUTF01P #1

SAMPLE: RB50/012795 WATER HLA

CONDS.: RTX-5 0.25MM X 30M 1.0UM 45/4-325020 INST B



Data: SVVTF01P.TI

02/08/95 18:54:00

Sample: RBSO/012795 WATER HLA

Conds.: RTX-5 0.25MM X 30M 1.0UM 45/4-325e20

INST B

Formula: X X X

Instrument: B

Weight: 1.000

Submitted by:

Analyst: JAM

Acct. No.: 12158

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

Resp. fac. from Library Entry

No	Name
1	CI30 D4-1,4 DICHLOROBENZENE (IS-1)
2	CI40 DB-NAPHTHALENE (IS-2)
3	CI50 D10-ACENAPHTHENE (IS-3)
4	CI60 D10-PHENANTHRENE (IS-4)
5	CI70 D12-CHRYSENE (IS-5)
6	CI75 D12-PERYLENE (IS-6)
7	CS50 2-FLUOROPHENOL 0.6 (SS-5)
8	CS45 D5-PHENOL 0.8 (SS-4)
9	CS20 D5-NITROBENZENE 0.2 (SS-1)
10	CS25 2-FLUOROBIPHENYL 0.7 (SS-2)
11	CS55 2,4,6TRIBROMOPHENOL (SS-6)
12	CS30 D14-P-TERPHENYL 0.5 (SS-3)
13	CS70 2-CHLOROPHENOL-D4 0.8 (SS-7)
14	CS75 1,2-CL2BENZENE-D4 0.4 (SS-8)
15	C740 BIS(2ETHYLHEXYL)PTH

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
1	152	483	8:03	1	1.000	A BB	6911.	20.000 PPB	3.50
2	136	601	10:01	2	1.000	A BB	25946.	20.000 PPB	3.50
3	164	760	12:40	3	1.000	A BB	16487.	20.000 PPB	3.50
4	188	892	14:52	4	1.000	A BB	22342.	20.000 PPB	3.50
5	240	1149	19:09	5	1.000	A BB	17596.	20.000 PPB	3.50
6	264	1412	23:32	6	1.000	A BB	17196.	20.000 PPB	3.50
7	112	360	6:00	1	0.745	A BB	20771.	63.212 PPB	11.05
8	99	457	7:37	1	0.946	A BB	30322.	66.480 PPB	11.63
9	82	538	8:58	2	0.895	A BB	16635.	48.249 PPB	8.44
10	172	698	11:38	3	0.918	A BB	36612.	43.539 PPB	7.61
11	330	831	13:51	3	1.093	A BB	5878.	60.237 PPB	10.53
12	244	1035	17:15	5	0.901	A BB	36639.	50.788 PPB	8.88
13	132	466	7:46	1	0.965	A BB	27712.	69.400 PPB	12.14
14	152	501	8:21	1	1.037	A BB	10593.	41.176 PPB	7.20
15	149	1142	19:02	5	0.994	A BB	7404.	8.774 PPB	1.53

No	Ret(L)	Ratio	RRT(L)	Ratio	Amnt	Amnt(L)	R. Fac	R. Fac(L)	Ratio
1	8:03	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
2	10:02	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
3	12:41	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
4	14:53	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
5	19:09	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
6	23:31	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
7	5:58	1.01	0.741	1.01	63.21	25.00	2.404	0.951	2.53
8	7:37	1.00	0.946	1.00	66.48	25.00	3.510	1.320	2.66
9	8:58	1.00	0.894	1.00	48.25	25.00	0.513	0.266	1.93

300454

Data Subject To Validation

No	Ret(L)	Ratio	RRT(L)	Ratio	Amnt	Amnt(L)	R. Fac	R. Fac(L)	Ratio
10	11:39	1.00	0.919	1.00	43.54	25.00	1.777	1.020	1.74
11	13:52	1.00	1.093	1.00	60.24	25.00	0.285	0.118	2.41
12	17:15	1.00	0.901	1.00	50.79	25.00	1.666	0.820	2.03
13	7:46	1.00	0.965	1.00	69.40	25.00	3.208	1.156	2.78
14	8:21	1.00	1.037	1.00	41.18	25.00	1.226	0.744	1.65
15	19:02	1.00	0.994	1.00	8.77	25.00	0.337	0.959	0.35

300455

Data Subject To Validation

TARGET COMPOUND COMPARISON

COMPOUND: C740 BIS(2ETHYLHEXYL)PHTH

RAW DATA: SVUTF01P #1142

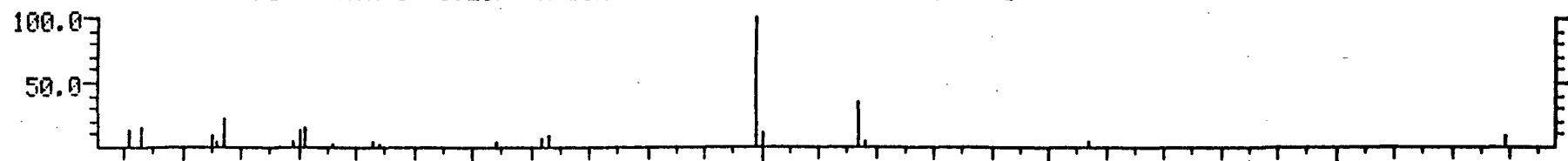
BASE M/Z: 149

RIC: 9856.

02/08/95 18:54

SAMPLE: RBS0/012795 WATER HLA

CONDS.: RTX-5 0.25MM X 30M 1.0UM 45/4-325020 INST B

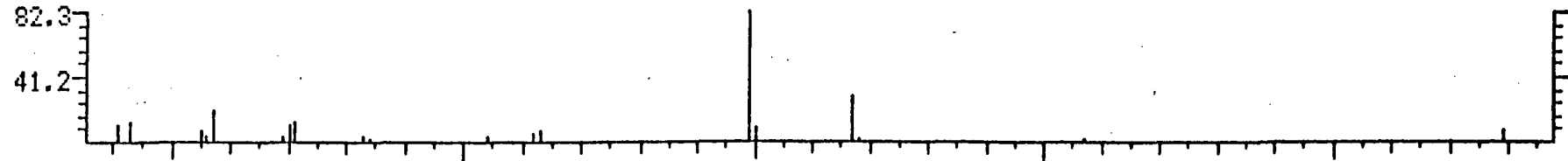


3464.

ENHANCED DATA: SVUTF01P #1142

BASE M/Z: 149

RIC: 8192.



2852.

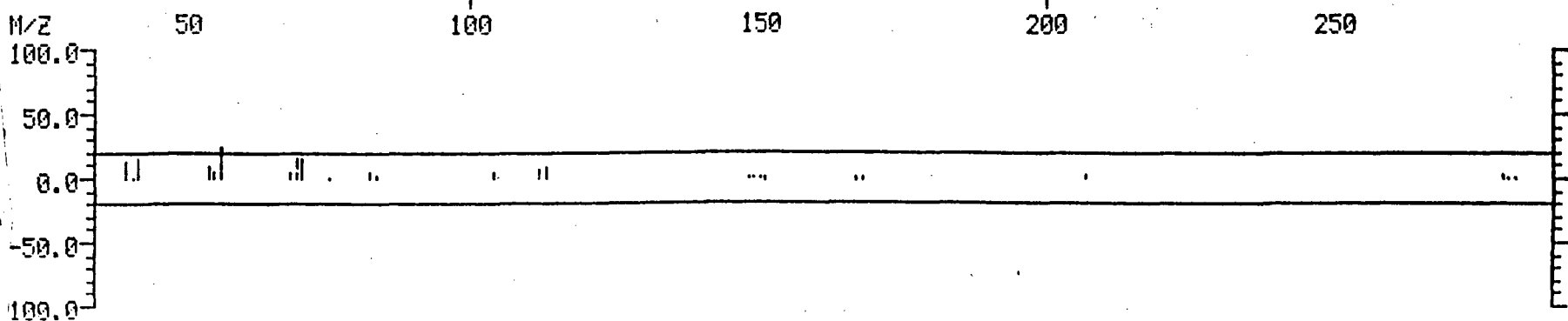
LIBRARY FILE: SN #56

BASE M/Z: 149

RIC: 1586.



1000.



Data Subject To Validation

300456

GC/MS PERFORMANCE STANDARD

Decafluorotriphenylphosphine (DFTPP)

m/z	Ion Abundance Criteria	% Relative Abundance		Status
		Base Peak	Appropriate Peak	
51	30-60% of mass 198	57.37	57.37	Ok
68	Less than 2% of mass 69	0.00	0.00	Ok
69	(reference only)	84.88	84.88	Ok
70	Less than 2% of mass 69	.22	.26	Ok
127	40-60% of mass 198	59.02	59.02	Ok
197	Less than 1% of mass 198	0.00	0.00	Ok
198	Base peak, 100% relative abundance	100.00	100.00	Ok
199	5-9% of mass 198	6.78	6.78	Ok
275	10-30% of mass 198	22.66	22.66	Ok
365	Greater than 1% of mass 198	1.67	1.67	Ok
441	0-100% of mass 443	8.48	94.95	Ok
442	Greater than 40% of mass 198	50.98	50.98	Ok
443	17-23% of mass 442	8.93	17.52	Ok

Injection Date: 02/02/95

Injection Time: 09:19

Data File: >H033A

Scan: 427

300457

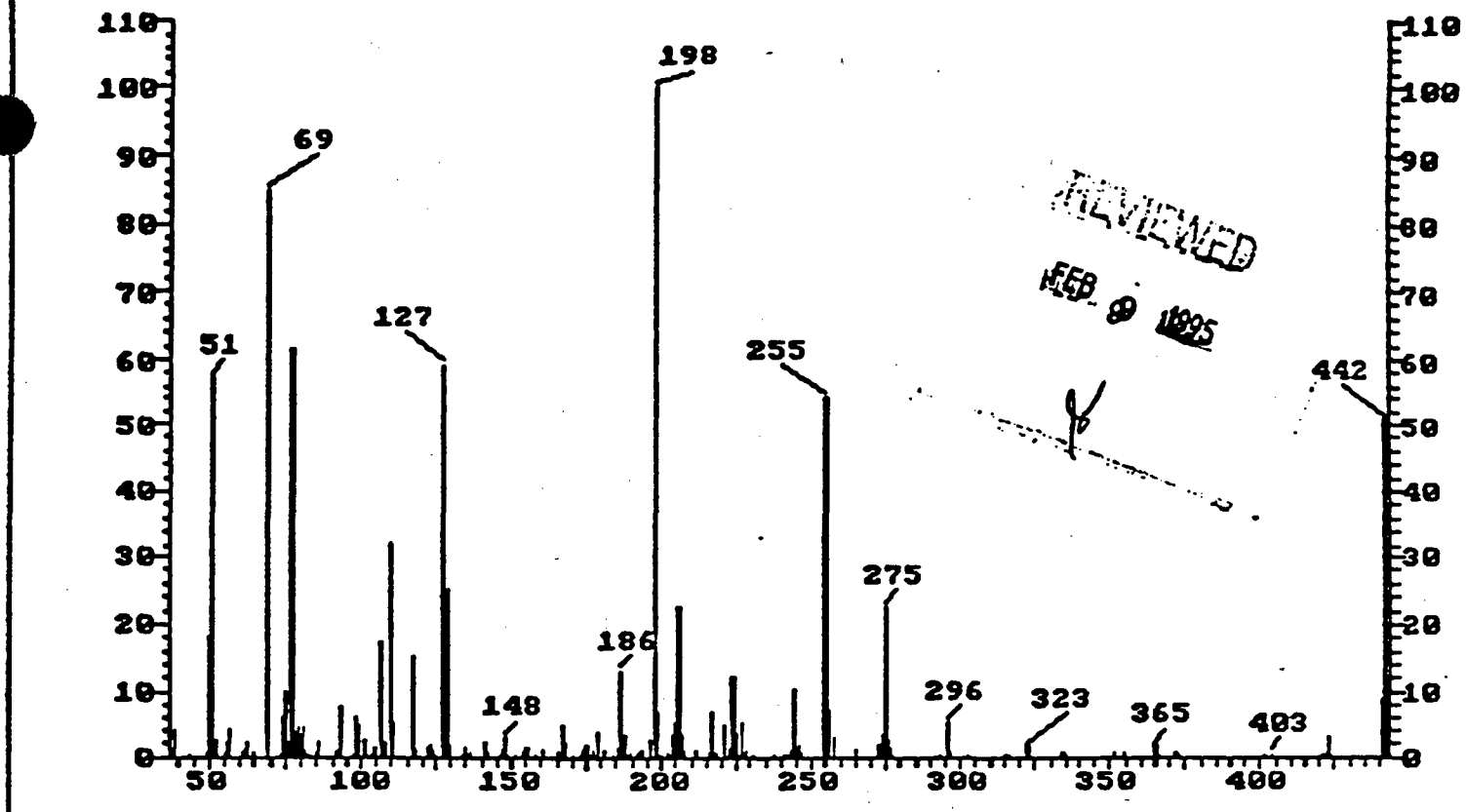
Data Subject To Validation

File >H033A 50ng
Bpk Ab 100.

DFTPP

290-04-PERF-5988
SUB NRM

Scan 427
7.63 min.



Data Filename: >H033A::D1

Name: 50ng DFTPP

Misc: 290-04-PERF-5988

INST H

BTL# 1

Operator ID: DAVID SUPER GRP.

Analysis Date/Time : 2/02/95 9:19

300458

Data Subject To Validation

Analysis Date/Time: 2/02/95 9:19
Data Filename and Sample ID:

>H033A 50ng DFTPP 290-04-PERF-5988 INST H

427 SUB NRM

File: >H033A Scan #: 427 Retn. time: 7.63

m/z	Int.	m/z	Int.	m/z	Int.	m/z	Int.	m/z	Int.
36.95	.439	96.90	.346	154.15	.611	202.95	.406	276.05	2.727
38.05	1.096	98.00	6.047	155.00	1.276	204.05	3.446	277.05	1.574
38.95	4.003	99.00	4.756	156.15	1.574	205.05	5.499	278.00	.343
43.80	.262	100.90	2.700	157.00	.238	206.05	22.854	293.00	.445
48.95	.620	103.00	.557	158.00	.563	207.05	3.624	296.00	5.180
49.95	18.116	103.90	1.499	160.15	.527	208.05	.939	297.00	.867
50.95	57.365	105.00	1.291	161.00	1.225	211.05	1.008	303.00	.557
51.95	2.926	107.00	17.418	162.00	.241	216.05	.620	314.15	.196
52.95	.217	108.00	2.297	165.00	.780	216.95	6.775	314.90	.461
55.20	.641	110.00	32.118	166.00	.831	218.05	.614	316.00	.283
55.90	1.950	111.00	5.647	166.95	4.972	221.05	4.885	321.90	.108
56.90	4.280	112.00	.205	167.95	1.950	223.05	1.303	323.00	1.776
60.90	.861	117.00	14.959	169.95	.292	224.05	12.235	324.00	.157
62.00	1.026	118.00	1.147	172.95	.539	224.95	3.660	327.65	.108
63.00	2.218	121.40	.066	173.95	.969	226.05	.268	334.00	.915
64.90	.659	122.00	1.342	174.95	1.616	226.95	5.063	335.00	.436
68.90	84.875	123.00	1.683	176.05	.479	228.05	.683	345.90	.241
69.90	.223	124.00	1.081	176.95	1.141	228.95	1.219	352.00	.674
73.15	.433	125.00	.370	178.05	.352	230.95	.370	354.15	.707
73.90	6.300	127.00	59.018	178.95	3.853	236.95	.262	365.00	1.667
75.00	10.041	128.00	4.286	180.95	1.129	240.95	.412	366.00	.271
76.00	2.507	129.00	24.931	182.80	.117	241.95	.461	370.15	.087
77.00	61.344	130.00	1.761	184.05	.457	243.05	.996	372.00	.749
78.00	3.973	132.00	.214	185.05	1.523	244.05	10.155	373.00	.364
78.90	4.367	134.00	.539	186.05	12.930	244.95	1.282	389.95	.166
79.90	3.356	135.00	1.415	187.05	3.531	246.05	1.743	401.95	.319
81.00	4.421	136.00	.515	188.05	.536	247.05	.689	402.95	.497
81.90	1.162	137.00	.765	188.95	.819	255.05	54.081	420.95	.391
83.00	.554	138.00	.108	190.95	.439	256.05	7.230	422.05	.641
85.00	.798	141.00	2.348	191.95	.873	257.05	.412	422.95	3.202
86.00	2.029	142.15	.849	193.05	1.035	257.95	2.971	423.95	.373
87.00	.232	146.00	.533	195.95	2.838	263.95	.144	440.95	8.482
87.90	.150	147.00	1.062	197.95	100.000	265.05	1.129	442.05	50.975
91.00	.710	148.00	3.076	198.95	6.784	273.05	1.755	442.95	8.933
92.00	.978	148.90	.457	199.95	.379	274.05	3.570	444.05	1.114
92.90	7.621	151.15	.412	201.45	.632	275.05	22.661		

300459

Data Subject to Validation

QUANT REPORT

Operator ID: DAVID
Output File: ^H033A::BQ
Data File: >H033A::D1
Name: 50ng DFTPP
Misc: 290-04-PERF-5988

Quant Rev: 6 Quant Time: 950202 10:25
 Injected at: 950202 09:21
 Dilution Factor: 1.00000

INST H

BTL# 1

ID File: ID DFT::DB
Title: DFTPP/BENZIDINE/PENTACHLOROPHENOL PERFORMANCE
Last Calibration: 950202 10:22

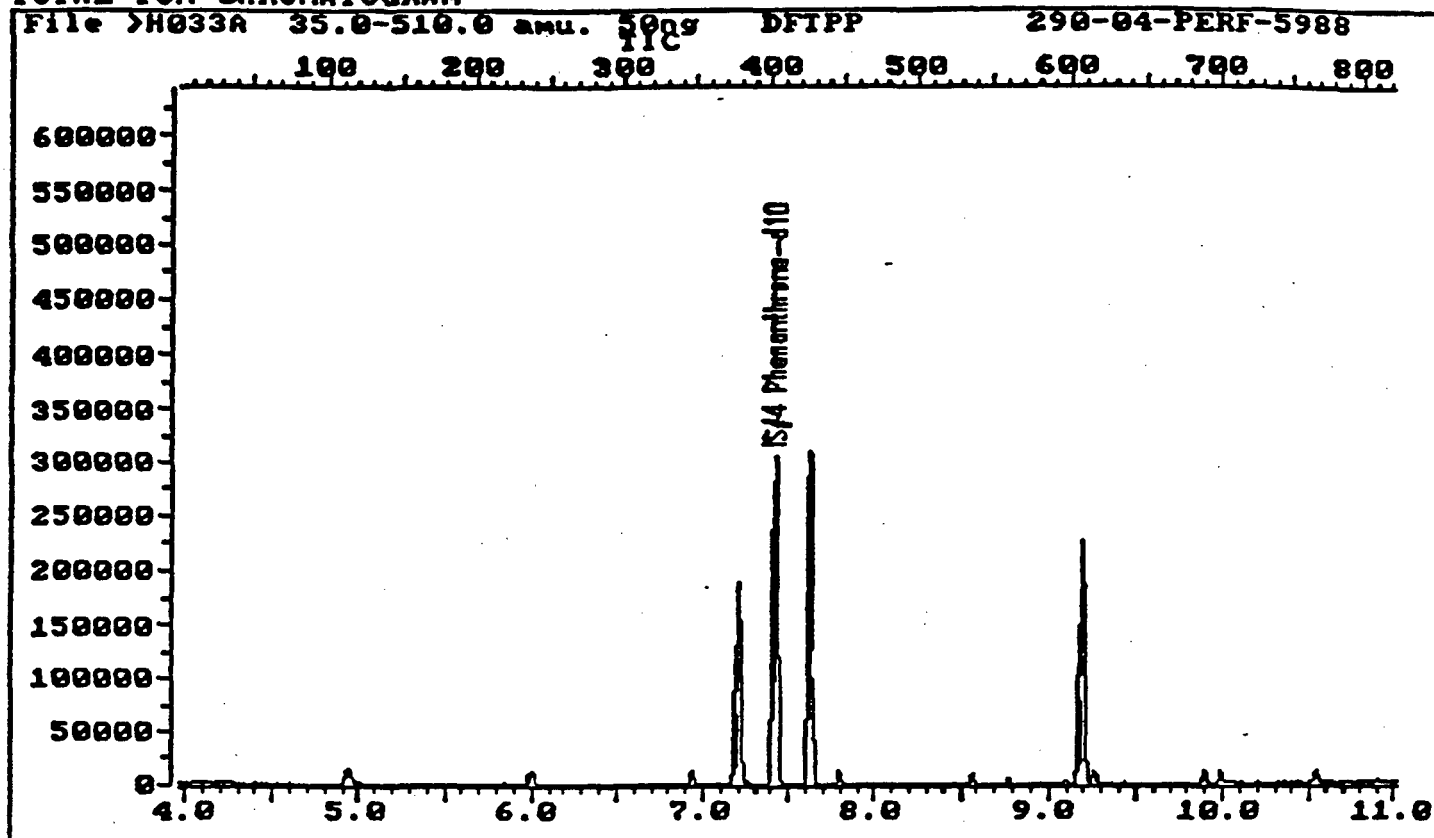
Compound	R.T.	Q ion	Area	Conc	Units	q
1) *IS#4 Phenanthrene-d10	7.42	188.2	177455	20.00	ppb	85
2) Pentachlorophenol	7.20	265.9	36193	25.00	ppb	98
3) Benzidine	9.19	184.2	134593	25.00	ppb	90

* Compound is ISTD

300460

Data Subject To Validation

TOTAL ION CHROMATOGRAM



Data File: >H033A::D1
Name: 50ng DFTPP
Misc: 290-04-PERF-5988

Quant Output File: ^H033A::BQ

INST H

BTL# 1

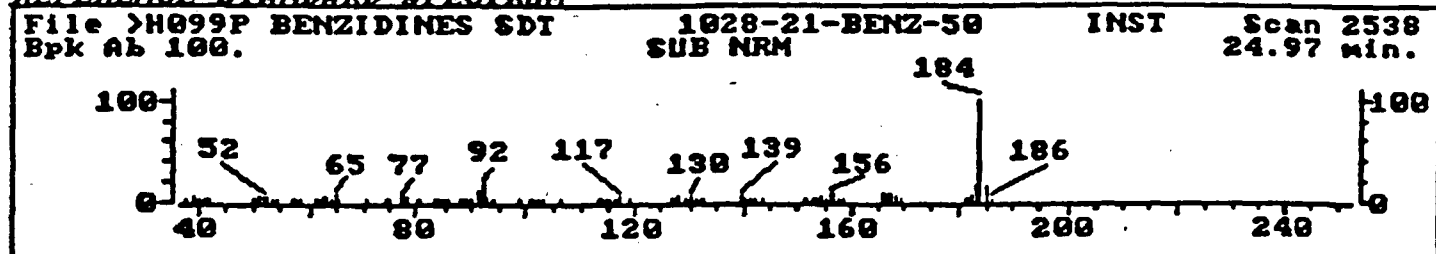
Id File: ID_DFT::DB
Title: DFTPP/BENZIDINE/PENTACHLOROPHENOL PERFORMANCE
Last Calibration: 950202 10:22

Operator ID: DAVID
Quant Time: 950202 10:25
Injected at: 950202 09:21

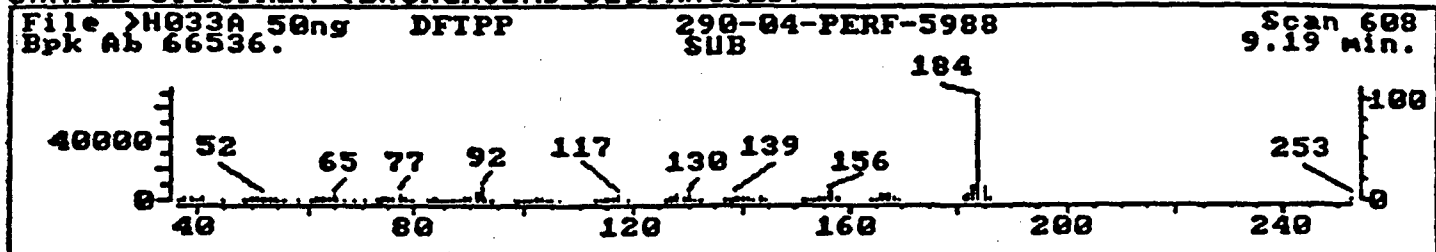
300461

Data Subject To Validation

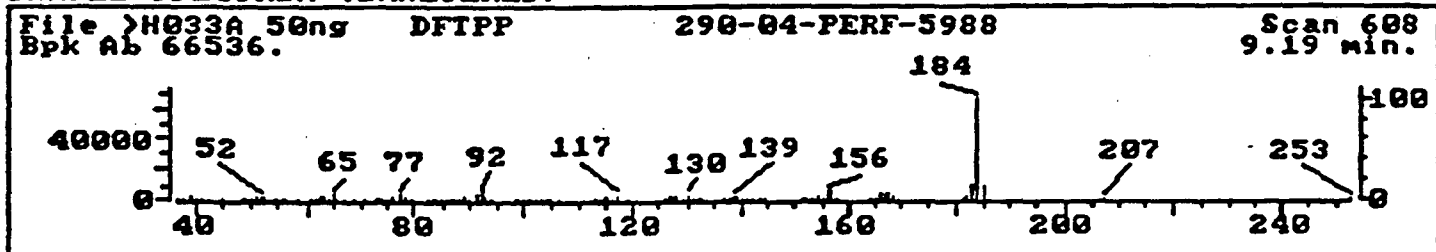
REFERENCE STANDARD SPECTRUM



SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)



SAMPLE SPECTRUM (UNALTERED)



Data File: >H033A::D1
Name: 50ng DFIPP
Misc: 290-04-PERF-5988
Quant Time: 950202 10:25
Injected at: 950202 09:21

Quant Output File: ^H033A::BQ

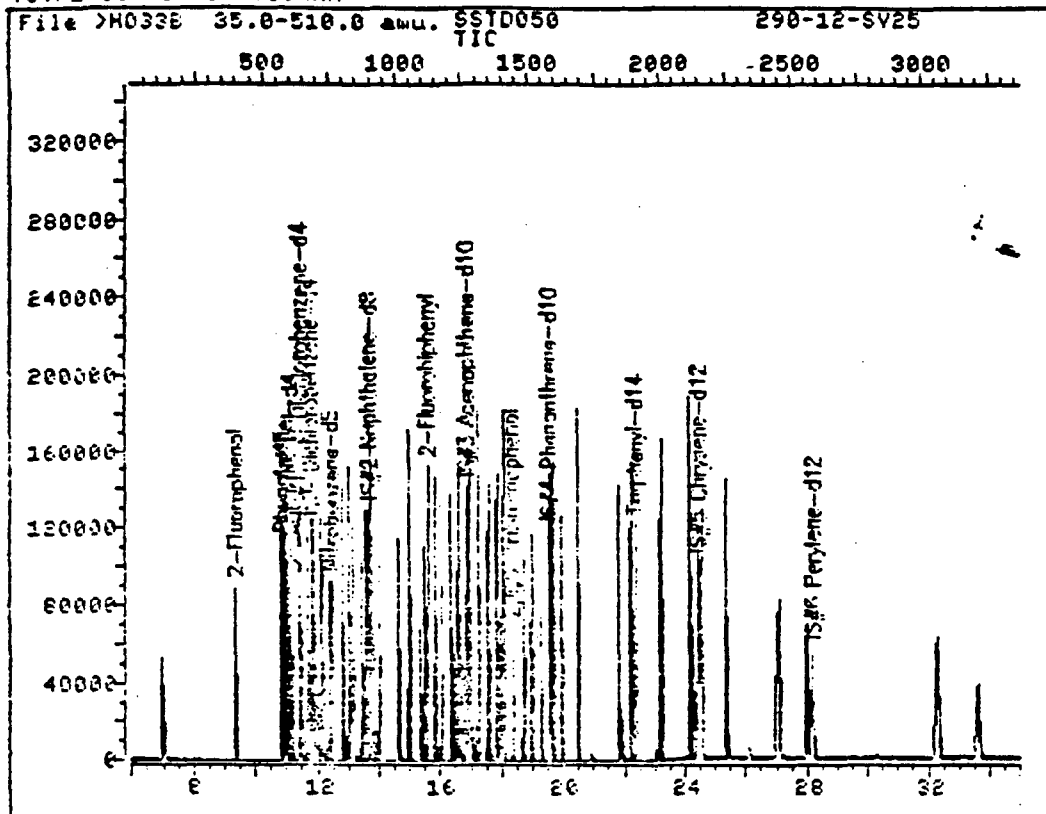
INST H BTL# 1
Quant ID File: ID DFT::DB
Last Calibration: 950202 10:22

Compound No: 3
Compound Name: Benzidine
Scan Number: 609
Retention Time: 9.19 min.
Quant Ion: 184.2
Area: 134593
Concentration: 25.00 ppb
q-value: 90

300462

Data Subject To Validation

TOTAL ION CHROMATOGRAM



REVIEWED
FEB 10 1995

Data File: >H033B::D1

Quant Output File: ^H033B::BQ

Name: SST0050

Misc: 290-12-SV25

INST H

BTL# 2

Id File: ID_SH::DB

Title: SEMIVOLATILES BY SW846-8270/EPA 625

Last Calibration: 950202 10:33

Operator ID: DAVID

Quant Time: 950202 10:52

Injected at: 950202 09:43

300463

DT 2-2-95

Data Subject To Validation

QUANT REPORT

Operator ID: DAVID
Output File: ^H033B::BQ
Data File: >H033B::D1
Name: SSTD050
Misc: 290-12-SV25

Quant Rev: 6 Quant Time: 950202 10:52
Injected at: 950202 09:43
Dilution Factor: 1.00000

INST H

BTL# 2

ID File: ID_SH::DB
Title: SEMIVOLATILES BY SW846-8270/EPA 625
Last Calibration: 950202 10:33

	Compound	R.T.	Q ion	Area	Conc	Units	q
1)	*IS#1 1,4-Dichlorobenzene-d4	11.42	152.0	27784	20.00	ppb	99
2)	Pyridine	6.96	79.1	30623	25.00	ppb	87
3)	N-Nitrosodimethylamine	6.98	74.0	21465	25.00	ppb	96
4)	Phenol-d5	10.82	99.0	52223	25.00	ppb	90
5)	2-Chlorophenol-d4	11.09	132.0	41615	25.00	ppb	88
6)	2-Fluorophenol	9.35	112.0	39638	25.00	ppb	76
7)	Aniline	10.93	93.0	76624	25.00	ppb	99
8)	Phenol	10.84	94.0	55874	25.00	ppb	60
9)	2-Chlorophenol	11.12	128.0	42157	25.00	ppb	87
10)	bis(2-Chloroethyl)ether	10.98	93.0	50916	25.00	ppb	93
11)	1,3-Dichlorobenzene	11.36	146.0	47385	25.00	ppb	97
12)	1,4-Dichlorobenzene	11.45	146.0	47863	25.00	ppb	93
13)	1,2-Dichlorobenzene-d4	11.76	152.0	26770	25.00	ppb	96
14)	1,2-Dichlorobenzene	11.77	146.0	44127	25.00	ppb	95
15)	Benzyl alcohol	11.65	108.1	25819	25.00	ppb	93
16)	2,2'Oxybis-(1-chloropropane)	11.90	44.9	48964	25.00	ppb	97
17)	2-Methylphenol	11.84	108.0	38849	25.00	ppb	94
18)	N-Nitroso-di-n-propylamine	12.14	70.0	32460	25.00	ppb	78
19)	Hexachloroethane	12.31	117.0	20535	25.00	ppb	90
20)	4-Methylphenol	12.07	108.0	40765	25.00	ppb	99
21)	*IS#2 Naphthalene-d8	13.66	136.1	101995	20.00	ppb	99
22)	Nitrobenzene-d5	12.42	82.0	48881	25.00	ppb	82
23)	Nitrobenzene	12.46	77.0	50299	25.00	ppb	94
24)	Isophorone	12.83	82.2	100539	25.00	ppb	98
25)	2-Nitrophenol	13.01	139.0	21185	25.00	ppb	96
26)	2,4-Dimethylphenol	13.00	107.0	36448	25.00	ppb	86
27)	bis(2-Chloroethoxy)methane	13.16	93.1	61855	25.00	ppb	93
28)	2,4-Dichlorophenol	13.40	162.0	32333	25.00	ppb	84
29)	Benzoic acid	13.14	122.0	21727	25.00	ppb	93
30)	1,2,4-Trichlorobenzene	13.57	179.9	36681	25.00	ppb	96
31)	Naphthalene	13.70	128.1	115756	25.00	ppb	98
32)	4-Chloroaniline	13.79	127.0	52131	25.00	ppb	92
33)	Hexachlorobutadiene	13.96	224.8	22276	25.00	ppb	96
34)	4-Chloro-3-methylphenol	14.59	107.0	36596	25.00	ppb	85
35)	2-Methylnaphthalene	14.92	142.1	70079	25.00	ppb	94
36)	*IS#3 Acenaphthene-d10	16.86	164.2	51488	20.00	ppb	94
37)	Hexachlorocyclopentadiene	15.30	236.8	18920	25.00	ppb	93
38)	2,4,6-Trichlorophenol	15.45	196.0	22493	25.00	ppb	81
39)	2,4,5-Trichlorophenol	15.53	196.0	25377	25.00	ppb	95
40)	2-Fluorobiphenyl	15.57	172.1	72365	25.00	ppb	93
41)	2-Chloronaphthalene	15.81	162.0	69305	25.00	ppb	95
42)	2-Nitroaniline	16.03	65.0	25687	25.00	ppb	66
43)	Dimethylphthalate	16.32	163.1	86349	25.00	ppb	89

300464

07 2.2.95

Data Subject To Validation

	Compound	R.T.	Q ion	Area	Conc	Units	q
44)	2,6-Dinitrotoluene	16.49	165.0	19580	25.00	ppb	95
45)	Acenaphthylene	16.59	152.1	114316	25.00	ppb	98
46)	3-Nitroaniline	16.77	138.0	22495	25.00	ppb	88
47)	Acenaphthene	16.91	153.1	69289	25.00	ppb	96
48)	2,4-Dinitrophenol	16.95	184.0	8943M	25.00	ppb	
49)	Dibenzofuran	17.19	168.1	93452	25.00	ppb	98
50)	4-Nitrophenol	16.99	109.0	11042	25.00	ppb	89
51)	2,4-Dinitrotoluene	17.21	165.1	24764	25.00	ppb	84
52)	2,3,4,6-Tetrachlorophenol	17.47	232.0	23244	25.00	ppb	91
53)	Diethylphthalate	17.56	149.1	94261	25.00	ppb	91
54)	4-Chlorophenyl-phenylether	17.75	204.1	34489	25.00	ppb	78
55)	Fluorene	17.83	166.1	69174	25.00	ppb	88
56)	4-Nitroaniline	17.90	138.0	21335	25.00	ppb	97
57)	2,4,6-Tribromophenol	18.30	329.6	14100	25.00	ppb	84
58)	*IS#4 Phenanthrene-d10	19.54	188.2	76966	20.00	ppb	94
59)	1,2-Diphenylhydrazine	18.04	77.0	119744	25.00	ppb	85
60)	4,6-Dinitro-2-methylphenol	17.95	198.0	13289	25.00	ppb	93
61)	Diphenylamine	17.97	169.1	48666	25.00	ppb	95
62)	4-Bromophenyl-phenylether	18.64	248.0	22335	25.00	ppb	93
63)	Hexachlorobenzene	18.97	283.8	29982	25.00	ppb	94
64)	Pentachlorophenol	19.27	265.9	16842	25.00	ppb	97
65)	Carbazole	19.93	167.0	92901	25.00	ppb	95
66)	Phenanthrene	19.58	178.1	102364	25.00	ppb	96
67)	Anthracene	19.67	178.1	102427	25.00	ppb	98
68)	Fluoranthene	21.78	202.0	106405	25.00	ppb	97
69)	Di-n-butylphthalate	20.44	149.0	156775	25.00	ppb	97
70)	*IS#5 Chrysene-d12	24.43	240.2	71342	20.00	ppb	98
71)	Pyrene	22.21	202.0	112503	25.00	ppb	96
72)	Terphenyl-d14	22.36	244.2	67151	25.00	ppb	99
73)	Butylbenzylphthalate	23.17	149.1	66412	25.00	ppb	93
74)	3,3'-Dichlorobenzidine	24.26	252.2	33713	25.00	ppb	98
75)	Benzo(a)anthracene	24.39	228.0	97337	25.00	ppb	96
76)	bis(2-Ethylhexyl)phthalate	24.12	149.0	94883	25.00	ppb	88
77)	Chrysene	24.49	228.0	90538	25.00	ppb	97
78)	*IS#6 Perylene-d12	28.17	264.2	77372	20.00	ppb	87
79)	Di-n-octylphthalate	25.35	149.0	152532	25.00	ppb	96
80)	Benzo(b)fluoranthene	26.98	252.2	100196	25.00	ppb	95
81)	Benzo(k)fluoranthene	27.05	252.2	88090	25.00	ppb	98
82)	Benzo(a)pyrene	27.99	252.0	87017	25.00	ppb	95
83)	Indeno(1,2,3-cd)pyrene	32.29	276.2	98308	25.00	ppb	94
84)	Dibenz(a,h)anthracene	32.24	278.1	75017	25.00	ppb	89
85)	Benzo(g,h,i)perylene	33.57	276.0	82611	25.00	ppb	78

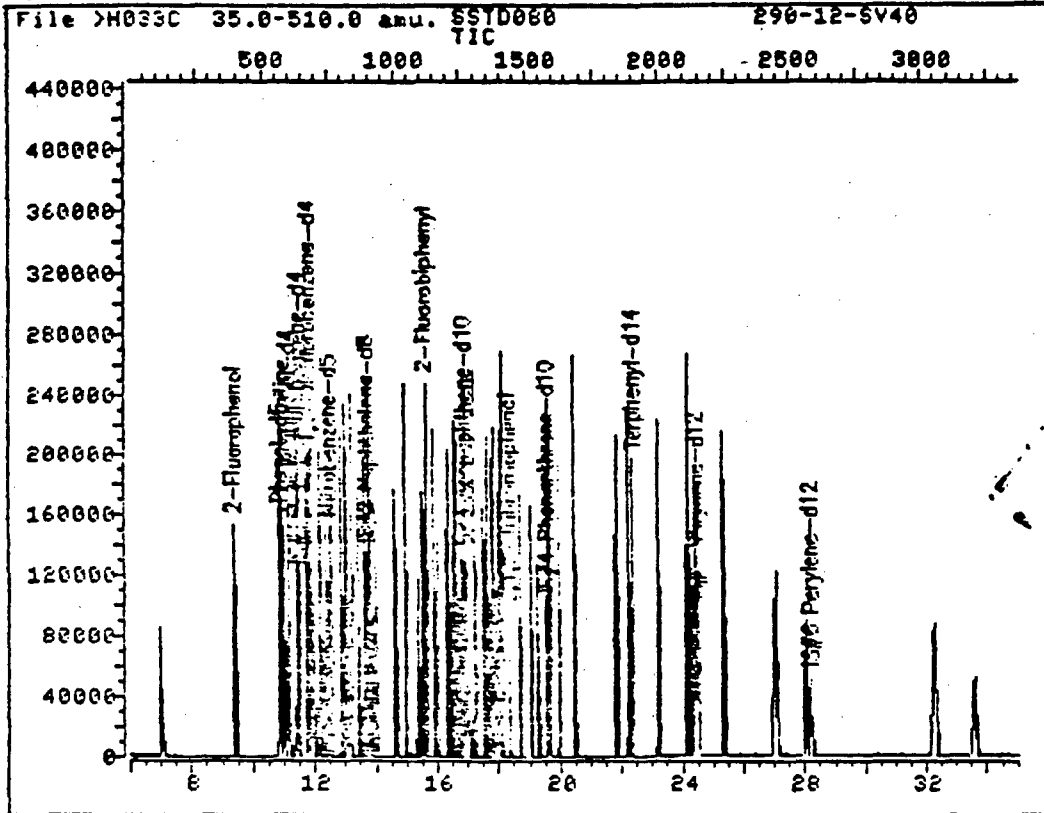
* Compound is ISTD

300465

07.2.2.95

Data subject to validation

TOTAL ION CHROMATOGRAM



REVIEWED
FEB 10 1992

Data File: >H033C::D1
Name: SST0000
Misc: 290-12-SV40

Quant Output File: >H033C::BQ

INST H

BTL# 3

Id File: ID_SH::DB
Title: SEMIVOLATILES BY SW846-8270/EPA 625
Last Calibration: 950202 10:33

Operator ID: DAVID
Quant Time: 950202 11:17
Injected at: 950202 10:29

300466

OT 2.2.95

Data Subject To Validation

QUANT REPORT

Operator ID: DAVID
 Output File: ^H033C::BQ
 Data File: >H033C::D1
 Name: SSTD080
 Misc: 290-12-SV40

Quant Rev: 6 Quant Time: 950202 11:17
 Injected at: 950202 10:29
 Dilution Factor: 1.00000

INST H

BTL# 3

ID File: ID_SH::DB
 Title: SEMIVOLATILES BY SW846-8270/EPA 625
 Last Calibration: 950202 10:33

	Compound	R.T.	Q ion	Area	Conc	Units	q
1)	*IS#1 1,4-Dichlorobenzene-d4	11.43	152.0	27297	20.00	ppb	97
2)	Pyridine	6.97	79.1	60466	50.24	ppb	89
3)	N-Nitrosodimethylamine	7.00	74.0	39434	46.75	ppb	93
4)	Phenol-d5	10.83	99.0	86623	42.21	ppb	90
5)	2-Chlorophenol-d4	11.10	132.0	67171	41.07	ppb	86
6)	2-Fluorophenol	9.36	112.0	63563	40.80	ppb	76
7)	Aniline	10.94	93.0	116375	38.65	ppb	96
8)	Phenol	10.85	94.0	91124	41.50	ppb	62
9)	2-Chlorophenol	11.14	128.0	67888	40.98	ppb	81
10)	bis(2-Chloroethyl)ether	10.99	93.0	77113	38.54	ppb	93
11)	1,3-Dichlorobenzene	11.37	146.0	75017	40.28	ppb	96
12)	1,4-Dichlorobenzene	11.46	146.0	75153	39.95	ppb	97
13)	1,2-Dichlorobenzene-d4	11.77	152.0	45007	42.78	ppb	96
14)	1,2-Dichlorobenzene	11.78	146.0	68796	39.67	ppb	97
15)	Benzyl alcohol	11.66	108.1	41292	40.70	ppb	89
16)	2,2'Oxybis-(1-chloropropane)	11.90	44.9	75978	39.48	ppb	94
17)	2-Methylphenol	11.84	108.0	58626	38.40	ppb	95
18)	N-Nitroso-di-n-propylamine	12.15	70.0	50355	39.47	ppb	78
19)	Hexachloroethane	12.32	117.0	32631	40.43	ppb	96
20)	4-Methylphenol	12.09	108.0	61283	38.25	ppb	96
21)	*IS#2 Naphthalene-d8	13.67	136.1	94086	20.00	ppb	98
22)	Nitrobenzene-d5	12.43	82.0	81098	44.96	ppb	80
23)	Nitrobenzene	12.46	77.0	78671	42.39	ppb	93
24)	Isophorone	12.83	82.2	154985	41.78	ppb	98
25)	2-Nitrophenol	13.02	139.0	34048	43.56	ppb	99
26)	2,4-Dimethylphenol	13.00	107.0	52263	38.86	ppb	90
27)	bis(2-Chloroethoxy)methane	13.17	93.1	97535	42.73	ppb	93
28)	2,4-Dichlorophenol	13.41	162.0	51647	43.29	ppb	83
29)	Benzoic acid	13.18	122.0	35216	43.93	ppb	93
30)	1,2,4-Trichlorobenzene	13.58	179.9	57897	42.78	ppb	97
31)	Naphthalene	13.70	128.1	174925	40.95	ppb	98
32)	4-Chloroaniline	13.80	127.0	81003	42.11	ppb	95
33)	Hexachlorobutadiene	13.97	224.8	33480	40.73	ppb	93
34)	4-Chloro-3-methylphenol	14.59	107.0	56374	41.75	ppb	87
35)	2-Methylnaphthalene	14.92	142.1	107330	41.51	ppb	92
36)	*IS#3 Acenaphthene-d10	16.86	164.2	45735	20.00	ppb	88
37)	Hexachlorocyclopentadiene	15.30	236.8	32010	47.62	ppb	94
38)	2,4,6-Trichlorophenol	15.45	196.0	35811	44.81	ppb	89
39)	2,4,5-Trichlorophenol	15.53	196.0	37984	42.13	ppb	90
40)	2-Fluorobiphenyl	15.57	172.1	119420	46.45	ppb	94
41)	2-Chloronaphthalene	15.81	162.0	100560	40.84	ppb	97
42)	2-Nitroaniline	16.03	65.0	41566	45.54	ppb	66
43)	Dimethylphthalate	16.32	163.1	129797	42.31	ppb	90

OT 2-2-95

300467

Data Subject to Validation

	Compound	R.T.	Q Ion	Area	Conc	Units	q
44)	2,6-Dinitrotoluene	16.49	165.0	29952	43.05	ppb	96
45)	Acenaphthylene	16.59	152.1	166139	40.90	ppb	96
46)	3-Nitroaniline	16.78	138.0	33587	42.02	ppb	95
47)	Acenaphthene	16.92	153.1	104731	42.64	ppb	95
48)	2,4-Dinitrophenol	16.95	184.1	15708M	49.44	ppb	
49)	Dibenzofuran	17.19	168.1	141567	42.64	ppb	95
50)	4-Nitrophenol	17.00	109.0	16747	42.69	ppb	67
51)	2,4-Dinitrotoluene	17.21	165.1	37375	42.48	ppb	82
52)	2,3,4,6-Tetrachlorophenol	17.47	232.0	36016	43.61	ppb	85
53)	Diethylphthalate	17.56	149.1	141158	42.15	ppb	92
54)	4-Chlorophenyl-phenylether	17.75	204.1	50916	41.55	ppb	78
55)	Fluorene	17.82	166.1	105966	43.11	ppb	99
56)	4-Nitroaniline	17.90	138.0	30530	40.27	ppb	96
57)	2,4,6-Tribromophenol	18.30	329.6	21978	43.87	ppb	93
58)	*IS#4 Phenanthrene-d10	19.54	188.2	67969	20.00	ppb	95
59)	1,2-Diphenylhydrazine	18.05	77.0	184457	43.61	ppb	87
60)	4,6-Dinitro-2-methylphenol	17.96	198.0	21266	45.30	ppb	92
61)	Diphenylamine	17.98	169.1	72380	42.10	ppb	94
62)	4-Bromophenyl-phenylether	18.64	248.0	34227	43.38	ppb	95
63)	Hexachlorobenzene	18.98	283.8	42132	39.78	ppb	96
64)	Pentachlorophenol	19.28	265.9	26759	44.98	ppb	97
65)	Carbazole	19.93	167.0	137420	41.88	ppb	97
66)	Phenanthrene	19.59	178.1	150246	41.55	ppb	96
67)	Anthracene	19.67	178.1	152866	42.25	ppb	98
68)	Fluoranthene	21.76	202.0	160358	42.66	ppb	97
69)	Di-n-butylphthalate	20.44	149.0	235779	42.58	ppb	98
70)	*IS#5 Chrysene-d12	24.42	240.2	64028	20.00	ppb	96
71)	Pyrene	22.20	202.0	169177	41.89	ppb	96
72)	Terphenyl-d14	22.34	244.2	106569	44.21	ppb	96
73)	Butylbenzylphthalate	23.16	149.1	99323	41.66	ppb	99
74)	3,3'-Dichlorobenzidine	24.25	252.2	51372	42.45	ppb	94
75)	Benzo(a)anthracene	24.38	228.0	143236	40.99	ppb	94
76)	bis(2-Ethylhexyl)phthalate	24.11	149.0	143242	42.05	ppb	88
77)	Chrysene	24.48	228.0	133771	41.16	ppb	96
78)	*IS#6 Perylene-d12	28.14	264.2	66330	20.00	ppb	95
79)	Di-n-octylphthalate	25.34	149.0	224915	43.00	ppb	97
80)	Benzo(b)fluoranthene	26.96	252.2	138074	40.19	ppb	96
81)	Benzo(k)fluoranthene	27.02	252.2	132832	43.97	ppb	97
82)	Benzo(a)pyrene	27.97	252.0	122112	40.92	ppb	93
83)	Indeno(1,2,3-cd)pyrene	32.26	276.2	141180	41.88	ppb	92
84)	Dibenz(a,h)anthracene	32.23	278.1	109650	42.62	ppb	84
85)	Benzo(g,h,i)perylene	33.53	276.0	117161	41.36	ppb	82

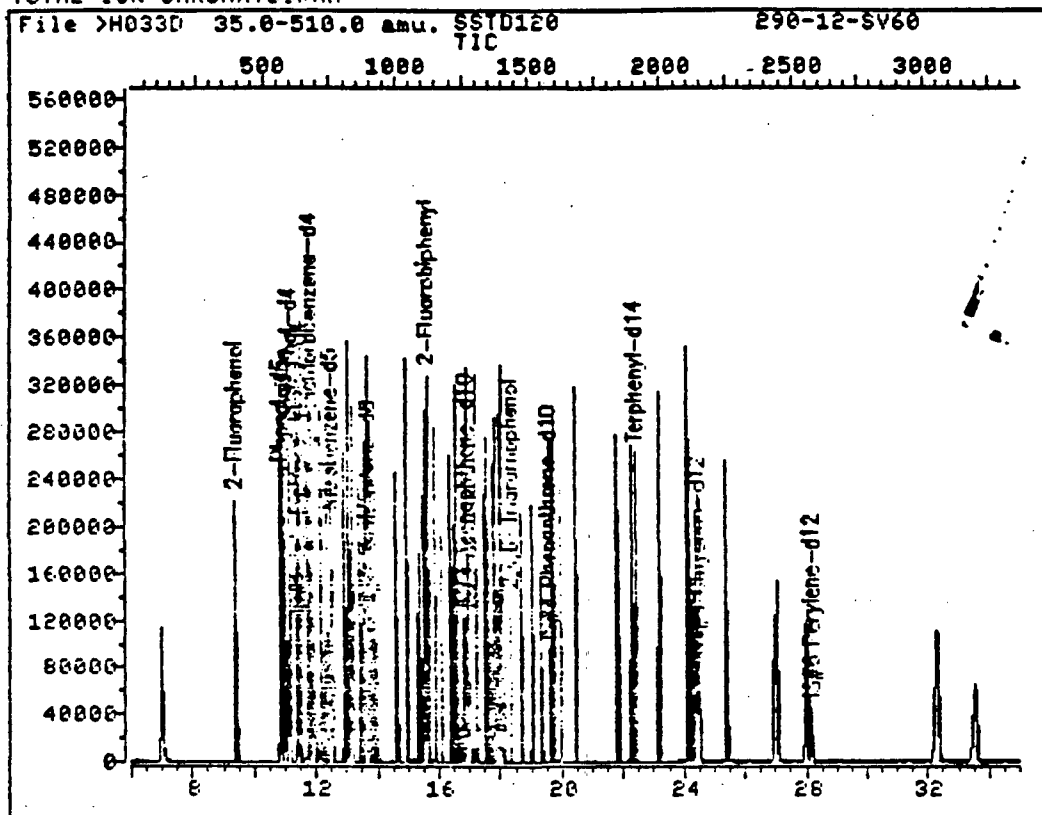
* Compound is ISTD

300468

072.2.95

Data Subject To Validation

TOTAL ION CHROMATOGRAM



REVIEWED
FEB 10 1995

Data File: >H033D::D1

Quant Output File: ^H033D::BQ

Name: SST0120

Misc: 290-12-SV60

INST H

BTL# 4

Id File: ID_SH::DB

Title: SEMIVOLATILES BY SW846-8270/EPA 625

Last Calibration: 950202 10:33

Operator ID: DAVID

Quant Time: 950202 11:52

Injected at: 950202 11:16

300469

DT 2.2.95

Data Subject to Validation

QUANT REPORT

Operator ID: DAVID
Output File: ^H033D::BQ
Data File: >H033D::D1
Name: SSTD120
Misc: 290-12-SV60

Quant Rev: 6 Quant Time: 950202 11:52
Injected at: 950202 11:16
Dilution Factor: 1.00000

INST H

BTL# 4

ID File: ID_SH::DB
Title: SEMIVOLATILES BY SW846-8270/EPA 625
Last Calibration: 950202 10:33

	Compound	R.T.	Q Ion	Area	Conc	Units	q
1)	*IS#1 1,4-Dichlorobenzene-d4	11.42	152.0	27076	20.00	ppb	98
2)	Pyridine	6.97	79.1	87758	73.52	ppb	93
3)	N-Nitrosodimethylamine	7.00	74.0	58125	69.47	ppb	97
4)	Phenol-d5	10.83	99.0	121455	59.66	ppb	87
5)	2-Chlorophenol-d4	11.10	132.0	97022	59.81	ppb	85
6)	2-Fluorophenol	9.35	112.0	92483	59.85	ppb	73
7)	Aniline	10.93	93.0	165440	55.39	ppb	99
8)	Phenol	10.85	94.0	130123	59.74	ppb	57
9)	2-Chlorophenol	11.13	128.0	96029	58.44	ppb	83
10)	bis(2-Chloroethyl)ether	10.99	93.0	110160	55.50	ppb	90
11)	1,3-Dichlorobenzene	11.36	146.0	102447	55.46	ppb	93
12)	1,4-Dichlorobenzene	11.45	146.0	106450	57.06	ppb	96
13)	1,2-Dichlorobenzene-d4	11.75	152.0	63741	61.08	ppb	94
14)	1,2-Dichlorobenzene	11.78	146.0	97207	56.51	ppb	95
15)	Benzyl alcohol	11.66	108.1	60908	60.52	ppb	90
16)	2,2'Oxybis-(1-chloropropane)	11.89	44.9	108823	57.02	ppb	97
17)	2-Methylphenol	11.84	108.0	83066	54.85	ppb	93
18)	N-Nitroso-di-n-propylamine	12.15	70.0	74189	58.63	ppb	76
19)	Hexachloroethane	12.31	117.0	47508	59.35	ppb	92
20)	4-Methylphenol	12.08	108.0	88986	56.00	ppb	97
21)	*IS#2 Naphthalene-d8	13.66	136.1	91384	20.00	ppb	99
22)	Nitrobenzene-d5	12.42	82.0	114295	65.24	ppb	84
23)	Nitrobenzene	12.46	77.0	114352	63.44	ppb	95
24)	Isophorone	12.83	82.2	228592	63.44	ppb	97
25)	2-Nitrophenol	13.01	139.0	47148	62.10	ppb	93
26)	2,4-Dimethylphenol	13.00	107.0	74261	56.85	ppb	85
27)	bis(2-Chloroethoxy)methane	13.16	93.1	136694	61.66	ppb	92
28)	2,4-Dichlorophenol	13.41	162.0	73517	63.44	ppb	84
29)	Benzoic acid	13.20	122.0	52960	68.01	ppb	97
30)	1,2,4-Trichlorobenzene	13.57	179.9	78707	59.87	ppb	98
31)	Naphthalene	13.70	128.1	243704	58.74	ppb	99
32)	4-Chloroaniline	13.79	127.0	113601	60.80	ppb	96
33)	Hexachlorobutadiene	13.96	224.8	46530	58.28	ppb	98
34)	4-Chloro-3-methylphenol	14.59	107.0	78587	69.92	ppb	90
35)	2-Methylnaphthalene	14.91	142.1	146081	58.16	ppb	95
36)	*IS#3 Acenaphthene-d10	16.85	164.2	42175	20.00	ppb	89
37)	Hexachlorocyclopentadiene	15.29	236.8	47345	76.37	ppb	93
38)	2,4,6-Trichlorophenol	15.45	196.0	50688	68.78	ppb	86
39)	2,4,5-Trichlorophenol	15.53	196.0	53663	64.54	ppb	96
40)	2-Fluorobiphenyl	15.57	172.1	162138	68.38	ppb	94
41)	2-Chloronaphthalene	15.81	162.0	140371	61.82	ppb	96
42)	2-Nitroaniline	16.03	65.0	56424	67.04	ppb	63
43)	Dimethylphthalate	16.32	163.1	176478	62.38	ppb	89

Data Subject To Validation

300470

072295

	Compound	R.T.	Q	Ion	Area	Conc	Units	q
44)	2,6-Dinitrotoluene	16.49	165.0		41458	64.62	ppb	97
45)	Acenaphthylene	16.59	152.1		233834	62.43	ppb	98
46)	3-Nitroaniline	16.78	138.0		46347	62.88	ppb	95
47)	Acenaphthene	16.91	153.1		143835	63.36	ppb	95
48)	2,4-Dinitrophenol	16.95	184.1		22941M	78.29	ppb	
49)	Dibenzofuran	17.19	168.1		191413	62.51	ppb	97
50)	4-Nitrophenol	17.00	109.0		22698	62.74	ppb	75
51)	2,4-Dinitrotoluene	17.21	165.1		50799	62.61	ppb	89
52)	2,3,4,6-Tetrachlorophenol	17.47	232.0		47181	61.95	ppb	90
53)	Diethylphthalate	17.56	149.1		182551	59.11	ppb	92
54)	4-Chlorophenyl-phenylether	17.74	204.1		70800	62.65	ppb	91
55)	Fluorene	17.82	166.1		139695	61.64	ppb	97
56)	4-Nitroaniline	17.91	138.0		40089	57.35	ppb	95
57)	2,4,6-Tribromophenol	18.29	329.6		29751	64.40	ppb	79
58)	*IS#4 Phenanthrene-d10	19.53	188.2		59552	20.00	ppb	91
59)	1,2-Diphenylhydrazine	18.04	77.0		225817	60.93	ppb	85
60)	4,6-Dinitro-2-methylphenol	17.96	198.0		30715	74.68	ppb	96
61)	Diphenylamine	17.97	169.1		96305	63.94	ppb	94
62)	4-Bromophenyl-phenylether	18.63	248.0		43448	62.85	ppb	96
63)	Hexachlorobenzene	18.97	283.8		57535	62.00	ppb	97
64)	Pentachlorophenol	19.27	265.9		35613	68.32	ppb	97
65)	Carbazole	19.92	167.0		178282	62.01	ppb	97
66)	Phenanthrene	19.58	178.1		198728	62.73	ppb	96
67)	Anthracene	19.66	178.1		201067	63.43	ppb	98
68)	Fluoranthene	21.76	202.0		211129	64.11	ppb	96
69)	Di-n-butylphthalate	20.44	149.0		296237	61.05	ppb	98
70)	*IS#5 Chrysene-d12	24.42	240.2		54479	20.00	ppb	97
71)	Pyrene	22.20	202.0		216388	62.97	ppb	97
72)	Terphenyl-d14	22.34	244.2		138619	67.58	ppb	98
73)	Butylbenzylphthalate	23.16	149.1		129079	63.63	ppb	91
74)	3,3'-Dichlorobenzidine	24.24	252.2		66496	64.57	ppb	98
75)	Benzo(a)anthracene	24.37	228.0		176982	59.53	ppb	96
76)	bis(2-Ethylhexyl)phthalate	24.10	149.0		180280	62.20	ppb	88
77)	Chrysene	24.48	228.0		162700	58.83	ppb	98
78)	*IS#6 Perylene-d12	28.13	264.2		57891	20.00	ppb	89
79)	Di-n-octylphthalate	25.33	149.0		280346	61.41	ppb	98
80)	Benzo(b)fluoranthene	26.96	252.2		191956	64.01	ppb	96
81)	Benzo(k)fluoranthene	27.03	252.2		155023	58.80	ppb	96
82)	Benzo(a)pyrene	27.96	252.0		160536	61.64	ppb	93
83)	Indeno(1,2,3-cd)pyrene	32.26	276.2		187123	63.60	ppb	92
84)	Dibenz(a,h)anthracene	32.22	278.1		149471	66.57	ppb	88
85)	Benzo(g,h,i)perylene	33.53	276.0		157789	63.82	ppb	82

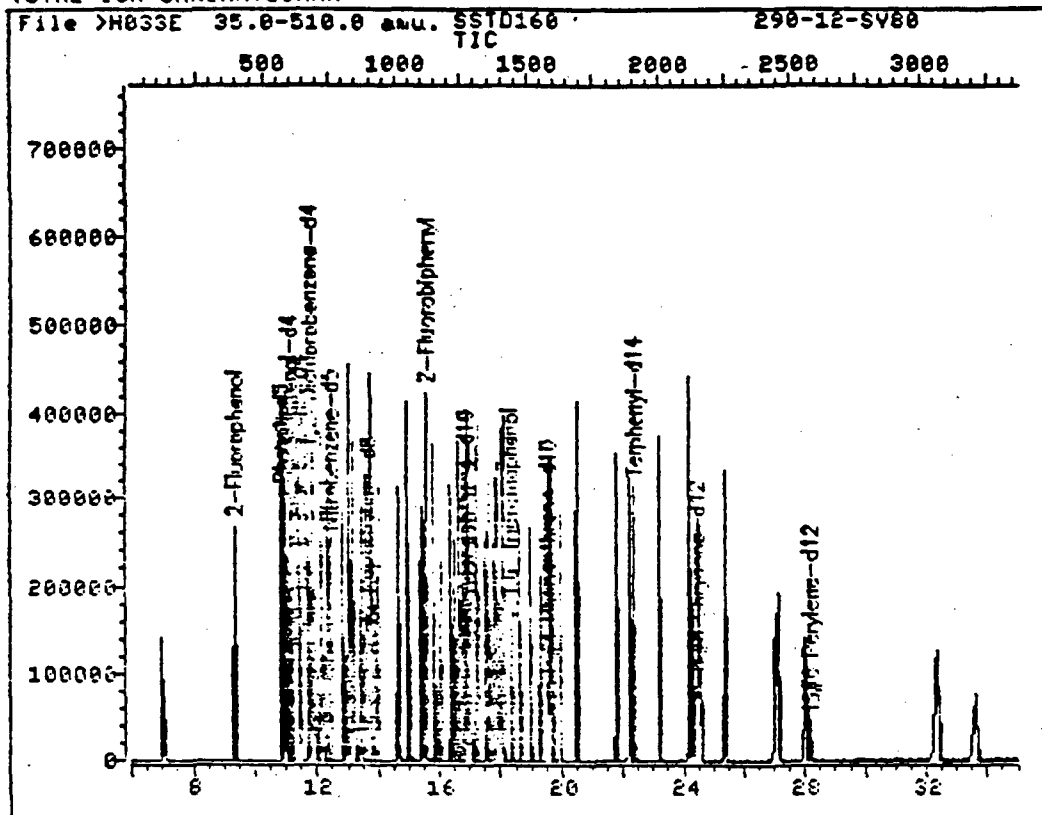
* Compound is ISTD

300471

Data Subject To Validation

OTd-2-95

TOTAL ION CHROMATOGRAM



REVIEWED
FEB 10 1995

Data File: >H033E::D1

Quant Output File: ^H033E::BQ

Name: SSTD160

Misc: 290-12-SV80

INST H

BTL# 5

Id File: ID_SH::DB

Title: SEMIVOLATILES BY SW846-8270/EPA 625

Last Calibration: 950202 10:33

Operator ID: DAVID

Quant Time: 950202 12:42

Injected at: 950202 12:06

072.2.95

300472

Data Subject To Validation

QUANT REPORT

Operator ID: DAVID
Output File: ^H033E::BQ
Data File: ^H033E::D1
Name: SSTD160
Misc: 290-12-SV80

Quant Rev: 6 Quant Time: 950202 12:42
Injected at: 950202 12:06
Dilution Factor: 1.00000

INST H

BTL# 5

ID File: ID_SH::DB
Title: SEMIVOLATILES BY SW846-8270/EPA 625
Last Calibration: 950202 10:33

	Compound	R.T.	Q ion	Area	Conc	Units	q
1)	*IS#1 1,4-Dichlorobenzene-d4	11.42	152.0	28143	20.00	ppb	96
2)	Pyridine	6.95	79.1	125166	100.88	ppb	93
3)	N-Nitrosodimethylamine	6.99	74.0	70575	81.15	ppb	97
4)	Phenol-d5	10.83	99.0	157283	74.33	ppb	86
5)	2-Chlorophenol-d4	11.10	132.0	128429	76.17	ppb	91
6)	2-Fluorophenol	9.34	112.0	119155	74.19	ppb	77
7)	Aniline	10.93	93.0	215091	69.28	ppb	97
8)	Phenol	10.85	94.0	166309	73.46	ppb	58
9)	2-Chlorophenol	11.12	128.0	128051	74.97	ppb	89
10)	bis(2-Chloroethyl)ether	10.99	93.0	140032	67.88	ppb	95
11)	1,3-Dichlorobenzene	11.36	146.0	134214	69.91	ppb	96
12)	1,4-Dichlorobenzene	11.44	146.0	137878	71.10	ppb	93
13)	1,2-Dichlorobenzene-d4	11.75	152.0	85232	78.58	ppb	97
14)	1,2-Dichlorobenzene	11.78	146.0	124256	69.50	ppb	95
15)	Benzyl alcohol	11.67	108.1	76894	73.51	ppb	92
16)	2,2'Oxybis-(1-chloropropane)	11.89	44.9	141748	71.45	ppb	97
17)	2-Methylphenol	11.84	108.0	103955	66.04	ppb	93
18)	N-Nitroso-di-n-propylamine	12.15	70.0	90584	68.88	ppb	79
19)	Hexachloroethane	12.30	117.0	60391	72.58	ppb	92
20)	4-Methylphenol	12.08	108.0	114007	69.03	ppb	97
21)	*IS#2 Naphthalene-d8	13.66	136.1	91933	20.00	ppb	98
22)	Nitrobenzene-d5	12.43	82.0	153461	87.08	ppb	84
23)	Nitrobenzene	12.46	77.0	143973	79.39	ppb	91
24)	Isophorone	12.84	82.2	281703	77.71	ppb	99
25)	2-Nitrophenol	13.01	139.0	64301	84.19	ppb	94
26)	2,4-Dimethylphenol	13.00	107.0	98483	74.94	ppb	89
27)	bis(2-Chloroethoxy)methane	13.17	93.1	171264	76.80	ppb	92
28)	2,4-Dichlorophenol	13.41	162.0	95373	81.81	ppb	85
29)	Benzoic acid	13.22	122.0	71355	91.09	ppb	95
30)	1,2,4-Trichlorobenzene	13.57	179.9	101209	76.53	ppb	96
31)	Naphthalene	13.70	128.1	312518	74.88	ppb	99
32)	4-Chloroaniline	13.80	127.0	141987	75.54	ppb	93
33)	Hexachlorobutadiene	13.96	224.8	58767	73.17	ppb	98
34)	4-Chloro-3-methylphenol	14.59	107.0	102377	77.59	ppb	88
35)	2-Methylnaphthalene	14.92	142.1	186664	73.88	ppb	95
36)	*IS#3 Acenaphthene-d10	16.85	164.2	45596	20.00	ppb	97
37)	Hexachlorocyclopentadiene	15.29	236.8	64535	96.29	ppb	94
38)	2,4,6-Trichlorophenol	15.45	196.0	65813	82.60	ppb	92
39)	2,4,5-Trichlorophenol	15.53	196.0	72543	80.70	ppb	95
40)	2-Fluorobiphenyl	15.57	172.1	212188	82.78	ppb	97
41)	2-Chloronaphthalene	15.81	162.0	183554	74.77	ppb	94
42)	2-Nitroaniline	16.03	65.0	70617	77.61	ppb	72
43)	Dimethylphthalate	16.32	163.1	230067	75.22	ppb	95

OT 2-2-95

300473

	Compound	R.T. Q Ion		Area	Conc	Units	q
44)	2,6-Dinitrotoluene	16.50	165.0	52805	76.13	ppb	93
45)	Acenaphthylene	16.59	152.1	291343	71.95	ppb	98
46)	3-Nitroaniline	16.78	138.0	64199	80.57	ppb	84
47)	Acenaphthene	16.92	153.1	180251	73.44	ppb	96
48)	2,4-Dinitrophenol	16.95	184.1	31851M	100.54	ppb	
49)	Dibenzofuran	17.19	168.1	240450	72.64	ppb	94
50)	4-Nitrophenol	17.01	109.0	30134	77.04	ppb	77
51)	2,4-Dinitrotoluene	17.22	165.1	65093	74.20	ppb	89
52)	2,3,4,6-Tetrachlorophenol	17.47	232.0	59575	72.36	ppb	84
53)	Diethylphthalate	17.57	149.1	229746	68.81	ppb	91
54)	4-Chlorophenyl-phenylether	17.75	204.1	86981	71.20	ppb	87
55)	Fluorene	17.83	166.1	176160	71.89	ppb	98
56)	4-Nitroaniline	17.92	138.0	52195	69.06	ppb	98
57)	2,4,6-Tribromophenol	18.30	329.6	37250	74.58	ppb	91
58)	*IS#4 Phenanthrene-d10	19.54	188.2	58598	20.00	ppb	94
59)	1,2-Diphenylhydrazine	18.05	77.0	282808	77.55	ppb	88
60)	4,6-Dinitro-2-methylphenol	17.97	198.0	37203	91.93	ppb	93
61)	Diphenylamine	17.99	169.1	119233	80.45	ppb	96
62)	4-Bromophenyl-phenylether	18.64	248.0	54436	80.03	ppb	93
63)	Hexachlorobenzene	18.98	283.8	72109	78.97	ppb	96
64)	Pentachlorophenol	19.28	265.9	47106	91.84	ppb	99
65)	Carbazole	19.93	167.0	220687	78.00	ppb	97
66)	Phenanthrene	19.59	178.1	247359	79.35	ppb	98
67)	Anthracene	19.67	178.1	249656	80.04	ppb	99
68)	Fluoranthene	21.77	202.0	267712	82.62	ppb	95
69)	Di-n-butylphthalate	20.44	149.0	384807	80.60	ppb	98
70)	*IS#5 Chrysene-d12	24.43	240.2	56414	20.00	ppb	96
71)	Pyrene	22.20	202.0	275460	77.41	ppb	94
72)	Terphenyl-d14	22.35	244.2	175632	82.69	ppb	97
73)	Butylbenzylphthalate	23.17	149.1	165343	78.71	ppb	98
74)	3,3'-Dichlorobenzidine	24.26	252.2	83947	78.72	ppb	98
75)	Benzo(a)anthracene	24.39	228.0	232012	75.36	ppb	94
76)	bis(2-Ethylhexyl)phthalate	24.12	149.0	237738	79.22	ppb	89
77)	Chrysene	24.49	228.0	209625	73.20	ppb	95
78)	*IS#6 Perylene-d12	28.15	264.2	57796	20.00	ppb	96
79)	Di-n-octylphthalate	25.35	149.0	370470	81.29	ppb	97
80)	Benzo(b)fluoranthene	26.99	252.2	242948	81.15	ppb	99
81)	Benzo(k)fluoranthene	27.06	252.2	207562	78.86	ppb	98
82)	Benzo(a)pyrene	28.01	252.0	210557	80.98	ppb	95
83)	Indeno(1,2,3-cd)pyrene	32.34	276.2	239136	81.41	ppb	94
84)	Dibenz(a,h)anthracene	32.29	278.1	191497	85.43	ppb	86
85)	Benzo(g,h,i)perylene	33.62	276.0	200209M	81.11	ppb	

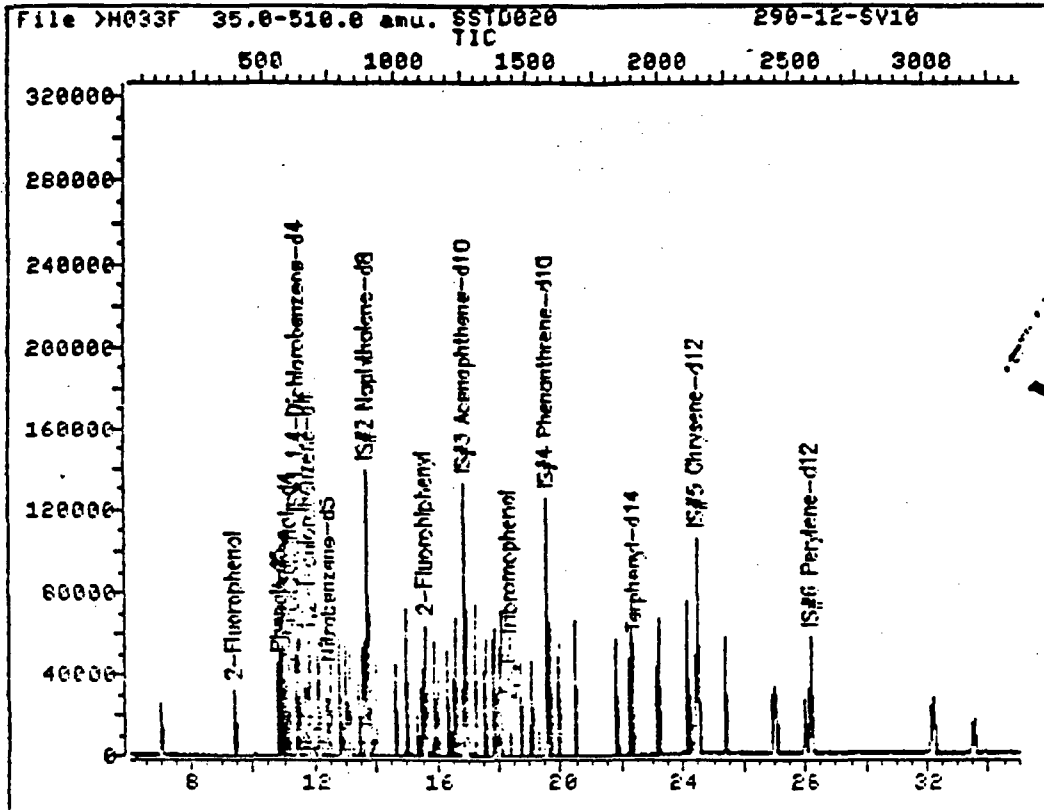
* Compound is ISTD

300474

07.2.2.95

data subject to verification

TOTAL ION CHROMATOGRAM



REVIEWED
FEB 10 1995

Data File: >H033F::D1

Quant Output File: ^H033F::BQ

Name: SST0020

Misc: 290-12-SV10

INST H

BTL# 6

Id File: ID_SH::DB

Title: SEMIVOLATILES BY SW846-8270/EPA 625

Last Calibration: 950202 10:33

Operator ID: DAVID

Quant Time: 950202 13:28

Injected at: 950202 12:52

DT 2-2-95

300475

Data Subject To Validation

QUANT REPORT

Operator ID: DAVID
 Output File: ^H033F::BQ
 Data File: >H033F::D1
 Name: SSTD020
 Misc: 290-12-SV10

Quant Rev: 6 Quant Time: 950202 13:28
 Injected at: 950202 12:52
 Dilution Factor: 1.00000

INST H

BTL# 6

ID File: ID_SH::DB
 Title: SEMIVOLATILES BY SW846-8270/EPA 625
 Last Calibration: 950202 10:33

Compound	R.T.	Q ion	Area	Conc	Units	q
1) *IS#1 1,4-Dichlorobenzene-d4	11.42	152.0	26756	20.00	ppb	96
2) Pyridine	6.98	79.1	11911	10.10	ppb	97
3) N-Nitrosodimethylamine	6.99	74.0	8459	10.23	ppb	97
4) Phenol-d5	10.82	99.0	19577	9.73	ppb	91
5) 2-Chlorophenol-d4	11.10	132.0	16505	10.30	ppb	81
6) 2-Fluorophenol	9.36	112.0	15280	10.01	ppb	78
7) Aniline	10.93	93.0	39277	13.31	ppb	99
8) Phenol	10.84	94.0	23376	10.86	ppb	63
9) 2-Chlorophenol	11.13	128.0	17217	10.60	ppb	85
10) bis(2-Chloroethyl)ether	10.98	93.0	19879	10.14	ppb	96
11) 1,3-Dichlorobenzene	11.37	146.0	18255	10.00	ppb	95
12) 1,4-Dichlorobenzene	11.46	146.0	18968	10.29	ppb	97
13) 1,2-Dichlorobenzene-d4	11.76	152.0	12155	11.79	ppb	94
14) 1,2-Dichlorobenzene	11.78	146.0	18191	10.70	ppb	93
15) Benzyl alcohol	11.65	108.1	10117	10.17	ppb	95
16) 2,2'Oxybis-(1-chloropropane)	11.89	44.9	19454	10.31	ppb	98
17) 2-Methylphenol	11.83	108.0	15261	10.20	ppb	92
18) N-Nitroso-di-n-propylamine	12.14	70.0	13183	10.54	ppb	74
19) Hexachloroethane	12.32	117.0	8417	10.64	ppb	86
20) 4-Methylphenol	12.07	108.0	15248	9.71	ppb	97
21) *IS#2 Naphthalene-d8	13.67	136.1	99742	20.00	ppb	99
22) Nitrobenzene-d5	12.42	82.0	20273	10.60	ppb	80
23) Nitrobenzene	12.45	77.0	20956	10.65	ppb	96
24) Isophorone	12.82	82.2	39370	10.01	ppb	95
25) 2-Nitrophenol	13.00	139.0	8639	10.42	ppb	81
26) 2,4-Dimethylphenol	13.00	107.0	13288	9.32	ppb	86
27) bis(2-Chloroethoxy)methane	13.16	93.1	25963	10.73	ppb	95
28) 2,4-Dichlorophenol	13.40	162.0	13405	10.60	ppb	86
29) Benzoic acid	13.10	122.0	6842	8.05	ppb	90
30) 1,2,4-Trichlorobenzene	13.57	179.9	15779	11.00	ppb	98
31) Naphthalene	13.70	128.1	46914	10.36	ppb	99
32) 4-Chloroaniline	13.79	127.0	21344	10.47	ppb	95
33) Hexachlorobutadiene	13.97	224.8	8257	9.48	ppb	93
34) 4-Chloro-3-methylphenol	14.59	107.0	14176	9.90	ppb	84
35) 2-Methylnaphthalene	14.91	142.1	30129	10.99	ppb	92
36) *IS#3 Acenaphthene-d10	16.85	164.2	46436	20.00	ppb	92
37) Hexachlorocyclopentadiene	15.29	236.8	6073	8.90	ppb	94
38) 2,4,6-Trichlorophenol	15.45	196.0	9543	11.76	ppb	85
39) 2,4,5-Trichlorophenol	15.52	196.0	10511	11.48	ppb	88
40) 2-Fluorobiphenyl	15.56	172.1	32959	12.63	ppb	97
41) 2-Chloronaphthalene	15.80	162.0	26824	10.73	ppb	93
42) 2-Nitroaniline	16.02	65.0	10644	11.49	ppb	57
43) Dimethylphthalate	16.31	163.1	35354	11.35	ppb	91

300476

07-2-2-95

Data Subject To Validation

	Compound	R.T.	Q Ion	Area	Conc	Units	q
44)	2,6-Dinitrotoluene	16.49	165.0	7753	10.98	ppb	84
45)	Acenaphthylene	16.58	152.1	46104	11.18	ppb	93
46)	3-Nitroaniline	16.76	138.0	8674	10.69	ppb	87
47)	Acenaphthene	16.91	153.1	30171	12.07	ppb	96
48)	2,4-Dinitrophenol	16.94	184.1	2665M	8.26	ppb	
49)	Dibenzofuran	17.19	168.1	37503	11.12	ppb	95
50)	4-Nitrophenol	16.99	109.0	3569	8.96	ppb	76
51)	2,4-Dinitrotoluene	17.20	165.1	9723M	10.88	ppb	
52)	2,3,4,6-Tetrachlorophenol	17.46	232.0	9236	11.01	ppb	85
53)	Diethylphthalate	17.56	149.1	37465	11.02	ppb	89
54)	4-Chlorophenyl-phenylether	17.75	204.1	13929	11.20	ppb	66
55)	Fluorene	17.82	166.1	29175	11.69	ppb	91
56)	4-Nitroaniline	17.88	138.0	8156	10.60	ppb	93
57)	2,4,6-Tribromophenol	18.29	329.6	5442	10.70	ppb	82
58)	*IS#4 Phenanthrene-d10	19.54	188.2	71463	20.00	ppb	90
59)	1,2-Diphenylhydrazine	18.04	77.0	52630	11.83	ppb	83
60)	4,6-Dinitro-2-methylphenol	17.94	198.0	4599	9.32	ppb	92
61)	Diphenylamine	17.96	169.1	19867	10.99	ppb	96
62)	4-Bromophenyl-phenylether	18.63	248.0	8538	10.29	ppb	95
63)	Hexachlorobenzene	18.97	283.8	11435	10.27	ppb	90
64)	Pentachlorophenol	19.27	265.9	5274	8.43	ppb	94
65)	Carbazole	19.92	167.0	39613	11.48	ppb	96
66)	Phenanthrene	19.58	178.1	41782	10.99	ppb	97
67)	Anthracene	19.66	178.1	41897	11.01	ppb	98
68)	Fluoranthene	21.76	202.0	44950	11.37	ppb	97
69)	Di-n-butylphthalate	20.43	149.0	60841	10.45	ppb	98
70)	*IS#5 Chrysene-d12	24.41	240.2	68565	20.00	ppb	99
71)	Pyrene	22.19	202.0	44239	10.23	ppb	96
72)	Terphenyl-d14	22.34	244.2	30267	11.72	ppb	98
73)	Butylbenzylphthalate	23.16	149.1	27023	10.58	ppb	93
74)	3,3'-Dichlorobenzidine	24.24	252.2	13950	10.76	ppb	94
75)	Benzo(a)anthracene	24.37	228.0	38054	10.17	ppb	92
76)	bis(2-Ethylhexyl)phthalate	24.10	149.0	37346	10.24	ppb	88
77)	Chrysene	24.47	228.0	36787	10.57	ppb	98
78)	*IS#6 Perylene-d12	28.13	264.2	74857	20.00	ppb	94
79)	Di-n-octylphthalate	25.33	149.0	60441	10.24	ppb	97
80)	Benzo(b)fluoranthene	26.94	252.2	38873	10.03	ppb	97
81)	Benzo(k)fluoranthene	27.00	252.2	34810	10.21	ppb	95
82)	Benzo(a)pyrene	27.95	252.0	33362	9.91	ppb	94
83)	Indeno(1,2,3-cd)pyrene	32.21	276.2	38975	10.24	ppb	92
84)	Dibenz(a,h)anthracene	32.16	278.1	29280	10.09	ppb	94
85)	Benzo(g,h,i)perylene	33.48	276.0	33329	10.42	ppb	78

* Compound is ISTD

07-2-2-95

300477

Data Subject To Validation

Initial Calibration Data
MSI Compounds

Case No: _____ Instrument ID: 5988-N
 Contractor: PACE Calibration Date: 02/02/95
 Contract No: _____

Minimum RF for SPCC is 0.05 Maximum % RSD for CCC is 30%

Compound	Laboratory ID: >N033F >N033B >N033C >N033D >N033E					RF	% RSD	CCC	SPCC
	RF	RF	RF	RF	RF				
	10.00	25.00	40.00	60.00	80.00				
Pyridine	.89034	.88174	1.10756	1.08039	1.11188	1.01438	11.615		
N-Nitrosodimethylamine	.63231	.61805	.72231	.71558	.62693	.66304	7.744		
Phenol-d5	1.46337	1.50369	1.58668	1.49524	1.39718	1.48923	4.614		
2-Chlorophenol-d4	1.23374	1.19824	1.23037	1.19444	1.14086	1.19953	3.117		
2-Fluorophenol	1.14217	1.14132	1.16429	1.13856	1.05848	1.12896	3.608		
Aniline	2.93594	2.20628	2.13164	2.03674	1.91070	2.24426	17.919		
Phenol	1.74735	1.60881	1.66912	1.60195	1.47736	1.62092	6.125	*	✓
2-Chlorophenol	1.28696	1.21385	1.24351	1.18222	1.13750	1.21281	4.709		
bis(2-Chloroethyl)ether	1.48595	1.46605	1.41248	1.35618	1.24393	1.39292	6.991		
1,3-Dichlorobenzene	1.36455	1.36438	1.37409	1.26123	1.19225	1.31130	6.181		
1,4-Dichlorobenzene	1.41785	1.37815	1.37658	1.31051	1.22480	1.34158	5.650	*	✓
1,2-Dichlorobenzene-d4	.90858	.77080	.82439	.78472	.75713	.80913	7.541		
1,2-Dichlorobenzene	1.35977	1.27057	1.26014	1.19672	1.10379	1.23820	7.672		
Benzyl alcohol	.75624	.74342	.75635	.74984	.68307	.73778	4.209		
2,2'Oxybis-(1-chloropropane)	1.45418	1.40985	1.39169	1.33972	1.25918	1.37092	5.451		
2-Methylphenol	1.14075	1.11860	1.07385	1.02263	.92345	1.05586	8.216		
N-Nitroso-di-n-propylamine	.98542	.93464	.92235	.91334	.80468	.91209	7.258		**
Hexachloroethane	.62917	.59128	.59770	.58487	.53647	.58790	5.683		
4-Methylphenol	1.13978	1.17377	1.12252	1.09551	1.01275	1.10887	5.480		
Nitrobenzene-d5	.40651	.38340	.43098	.41690	.41732	.41102	4.311		
Nitrobenzene	.42020	.39452	.41808	.41711	.39152	.40829	3.435		
Isophorone	.78944	.78858	.82363	.83381	.76606	.80030	3.476		
2-Nitrophenol	.17323	.16616	.18094	.17198	.17486	.17343	3.070	*	✓
2,4-Dimethylphenol	.26645	.28588	.27774	.27088	.26781	.27375	2.945		
bis(2-Chloroethoxy)methane	.52060	.48516	.51833	.49861	.46573	.49769	4.637		
2,4-Dichlorophenol	.26879	.25360	.27447	.26816	.25935	.26488	3.134	*	✓
Benzoic acid	.13719	.17042	.18715	.19318	.19404	.17640	13.538		
1,2,4-Trichlorobenzene	.31640	.28771	.30768	.28709	.27522	.29482	5.689		
Naphthalene	.94071	.90793	.92960	.88894	.84985	.90341	3.982		
4-Chloroaniline	.42798	.40889	.43047	.41437	.38612	.41357	4.308		
Hexachlorobutadiene	.16557	.17472	.17792	.16972	.15981	.16955	4.249	*	✓
4-Chloro-3-methylphenol	.28425	.28704	.29959	.28665	.27840	.28719	2.696	*	✓

RF - Response Factor (Subscript is amount in PPB)

RF - Average Response Factor

%RSD - Percent Relative Standard Deviation

CCC - Calibration Check Compounds (*) SPCC - System Performance Check Compounds (**)

Initial Calibration Data
MSL Compounds

Case No: Instrument ID: 5988-H
Contractor: PACE Calibration Date: 02/02/95
Contract No:

Minimum RF for SPCC is 0.05 Maximum % RSD for CCC is 30%

Compound	Laboratory ID: >N033F >N0338 >N033C >N033D >N033E					RF	% RSD	CCC	SPCC
	RF	RF	RF	RF	RF				
	10.00	25.00	40.00	60.00	80.00				
2-Methylnaphthalene	.60414	.54967	.57038	.53285	.50761	.55293	6.642		
Hexachlorocyclopentadiene	.26156	.29397	.34995	.37419	.35384	.32670	14.395		**
2,4,6-Trichlorophenol	.41102	.34949	.39151	.40062	.36085	.38270	6.890		✓
2,4,5-Trichlorophenol	.45271	.39430	.41526	.42413	.39775	.41683	5.645		
2-Fluorobiphenyl	1.41955	1.12438	1.30556	1.28147	1.16341	1.25887	9.374		
2-Chloronaphthalene	1.15531	1.07683	1.09938	1.10943	1.00642	1.08947	5.004		
2-Nitroaniline	.45844	.39911	.45442	.44595	.38719	.42902	7.767		
Dimethylphthalate	1.52270	1.34166	1.41901	1.39481	1.26144	1.38792	6.959		
2,6-Dinitrotoluene	.33392	.30423	.32745	.32767	.28953	.31656	5.965		
Acenaphthylene	1.98570	1.77620	1.81632	1.84812	1.59742	1.80475	7.765		
3-Nitroaniline	.37359	.34952	.36719	.36631	.35200	.36172	2.884		
Acenaphthene	1.29947	1.07658	1.14498	1.13681	.98830	1.12923	10.089		✓
2,4-Dinitrophenol	.11478	.13895	.17173	.18132	.17464	.15628	18.168		**
Dibenzofuran	1.61526	1.45202	1.54769	1.51285	1.31837	1.48924	7.540		
4-Nitrophenol	.15372	.17157	.18309	.17940	.16522	.17060	6.862		**
4-Dinitrotoluene	.41877	.38477	.40860	.40149	.35690	.39411	6.143		
2,3,4,6-Tetrachlorophenol	.39779	.36116	.39375	.37290	.32665	.37045	7.755		
Diethylphthalate	1.61362	1.46459	1.54322	1.44281	1.25968	1.46478	9.086		
4-Chlorophenyl-phenylether	.59992	.53588	.55664	.55957	.47691	.54579	8.235		
Fluorene	1.25657	1.07480	1.15848	1.10409	.96587	1.11196	9.629		
4-Nitroaniline	.35128	.33149	.33377	.31685	.28618	.32391	7.526		
2,4,6-Tribromophenol	.23439	.21908	.24028	.23514	.20424	.22662	6.534		
1,2-Diphenylhydrazine	1.47293	1.24464	1.35692	1.26398	1.20656	1.30901	8.177		
4,6-Dinitro-2-methylphenol	.12871	.13813	.15644	.17192	.15872	.15078	11.435		
Diphenylamine	.55601	.50584	.53245	.53905	.50869	.52841	4.003		✓
4-Bromophenyl-phenylether	.23895	.23215	.25178	.24319	.23224	.23966	3.436		
Hexachlorobenzene	.32003	.31164	.30994	.32204	.30764	.31426	2.032		
Pentachlorophenol	.14760	.17506	.19685	.19934	.20097	.18396	12.435		✓
Carbazole	1.10863	.96563	1.01090	.99791	.94153	1.00492	6.372		
Phenanthrene	1.16933	1.06399	1.10525	1.11235	1.05532	1.10125	4.129		
Anthracene	1.17255	1.06465	1.12453	1.12544	1.06512	1.11046	4.135		✓
Fluoranthene	1.25799	1.10599	1.17964	1.18176	1.14215	1.17351	4.818		*

RF - Response Factor (Subscript is amount in PPB)

RF - Average Response Factor

%RSD - Percent Relative Standard Deviation

* - Calibration Check Compounds (**) SPCC - System Performance Check Compounds (**)

Initial Calibration Data
MSL Compounds

Case No: Instrument ID: 5968-M
 Contractor: PACE Calibration Date: 02/02/95
 Contract No:

Minimum RF for SPCC is 0.05 Maximum % RSD for CCC is 30%

Compound	Laboratory ID: >N033F >N033B >N033C >N033D >N033E					RF	% RSD	CCC	SPCC
	RF	RF	RF	RF	RF				
	10.00	25.00	40.00	60.00	80.00				
Di-n-butylphthalate	1.70273	1.62955	1.73446	1.65814	1.64172	1.67332	2.630		
Pyrene	1.29043	1.26156	1.32112	1.32398	1.22071	1.28356	3.379		
Terphenyl-d14	.88287	.75300	.83221	.84815	.77832	.81891	6.437		
Butylbenzylphthalate	.78824	.74472	.77562	.78978	.73272	.76622	3.399		
3,3'-Dichlorobenzidine	.40691	.37804	.40117	.40686	.37201	.39300	4.251		
Benzo(a)anthracene	1.11001	1.09150	1.11854	1.08288	1.02817	1.08622	3.261		
bis(2-Ethylhexyl)phthalate	1.08936	1.06398	1.11859	1.10306	1.05354	1.08571	2.481		
Chrysene	1.07305	1.01526	1.04463	.99549	.92896	1.01148	5.408		
Di-n-octylphthalate	1.61484	1.57713	1.69542	1.61422	1.60249	1.62082	2.740	*	✓
Benzo(b)fluoranthene	1.03859	1.03599	1.04081	1.10527	1.05089	1.05431	2.755		
Benzo(k)fluoranthene	.93004	.91082	1.00130	.89261	.89782	.92652	4.773		
Benzo(a)pyrene	.89135	.89973	.92049	.92436	.91078	.90934	1.524	*	✓
Indeno(1,2,3-cd)pyrene	1.04132	1.01647	1.06422	1.07744	1.03440	1.04677	2.314		
Dibenz(a,h)anthracene	.78229	.77565	.82655	.86065	.82833	.81469	4.345		
Benzo(g,h,i)perylene	.89047	.85417	.88317	.90854	.86602	.88047	2.407		

RF - Response Factor (Subscript is amount in PPB)

RF - Average Response Factor

%RSD - Percent Relative Standard Deviation

CCC - Calibration Check Compounds (*) SPCC - System Performance Check Compounds (**)

Analyst: D. Thompson Date: 2.2.95 Instrument: H
 Project I.D. (client/area/lab): ERM

Standard Data Acquisition Parameters for Semi-Volatiles:

GC Conditions
 Flow rate: 1.5 ml/min
 Head pressure: 50 psi
 Column: Packed silica capillary
30m x 0.25mm, 1.0um film
 Injector temp.: 250
 Injector mode: Mod Splitless
 GC descriptors: Sample=SV, DET=FP-DM
 GC program: 45 (4min) to 300 @ 12/min
(continued)

MS Conditions
 Scan range: 35-300 amu
 Scan rate: 1 s/scan
 EM voltage: 1040

Non-standard Conditions: -Maintenance/Problems: -Formaster Files: -Original Data Filed With: -

Standard Identifications & Spike Amounts:

Targets: 240-02-SV10-90 IS: 240-07-SV10-00 DETFP: 240-04-9CAF

Definition of Status/Comments Column on Run Log (page 2):

.....analysis passed all criteria
not applicable
 CO.....carry-over or contamination suspected
 DI/level....dilution required/suggested level

NI.....sample matrix effect (also indicate GC excursions, for example, 125°, 282°, etc.)
 RE.....re-extraction required
 RR.....rerun required
 TD/level....too dilute/suggested level

GC/MS INSTRUMENT OPERATIONS LOGSHEET -- SEMI-VOLATILES

Analyst: (DT) Run of the day: - Are runs within time limits? YES NO
 Date: 2.2.95 Perf. Std. + 12 hrs.: 0304 (If no, circle outliers)

TIME	OP	FILE ID	CLIENT ID (all)	AMT INJ	GC BATCH	Q/P	MULT FACT	I.S. AR	RT	SUR REC	STATUS/COMMENTS	TAPE
9:19	44	HC33A::D1	60m DETFP	2	-	-1	1	-	-	-	SM, TH, SKZ, B12, 1	
9:43		HC33B::D1	35TD050		-	-	1	-	-	-	SM	
10:29		HC33C::D1	35TD060		-	-	1	-	-	-		
11:14		HC33D::D1	35TD120		-	-	1	-	-	-	HA, B, S	
12:06		HC33E::D1	35TD140		-	-	1	-	-	-		
12:54		HC33F::D1	35TD070		-	-	1	-	-	-		
15:04		HC33G::D1	60m DETFP		-	-	1	-	-	-		
15:28		HC33H::D1	35TD050		-	-	1	-	-	-		
16:15		HC33I::D1	APF060		-	-	1	-	-	-		
17:02		HC33J::D1	11911WB4 BLANK		11911W	1	1	-	-	-		
17:10		HC33K::D1	1204BWB1 BLANK		1204BW	1	1	-	-	-		
18:35		HC33L::D1	1204BWS1 BLANK BPK			1	1	-	-	-		
19:21		HC33M::D1	SVRL01MS S-4-MS			1	1	-	-	-		
20:06		HC33N::D1	SVRL01MD S-4-MD			1	1	-	-	-		
20:52		HC33O::D1	SVRL01 S-4			1	1	-	-	-		
21:38		HC33P::D1	SVRL01 BB-1			1	1	-	-	-		
22:23		HC33Q::D1	SVRL03 DMS-3			1	1	-	-	-		
23:05		HC33R::D1	SVRL04 DMS-1			1	1	-	-	-		
23:54		HC33T::D1	SVRL05 CA-J			1	1	-	-	-		
00:40		HC33U::D1	11911WB7 BLANK		11911W	1	1	-	-	-		
01:25		HC33V::D1	SVRL06 M-5			1	1	-	-	-		
02:10		HC33W::D1	SVRL07 S-3			1	1	-	-	-		
02:55		HC33X::D1	SVRL09 ERM-1			1	1	-	-	-		
03:40		HC33Z::D1	SVRL08 M-6			1	1	-	-	-		
		HC33Z-ND									outliner Re Run 2.7.95	

DT 2.7.95 Data Subject to verification

300481

FMGR : TUNER,-DFTPP

GC/MS PERFORMANCE STANDARD

Decafluorotriphenylphosphine (DFTPP)

m/z	Ion Abundance Criteria	% Relative Abundance		Status
		Base Peak	Appropriate Peak	
51	30-60% of mass 198	58.99	58.99	Ok
68	Less than 2% of mass 69	0.00	0.00	Ok
69	(reference only)	83.33	83.33	Ok
70	Less than 2% of mass 69	0.00	0.00	Ok
127	40-60% of mass 198	49.90	49.90	Ok
197	Less than 1% of mass 198	.35	.35	Ok
198	Base peak, 100% relative abundance	100.00	100.00	Ok
199	5-9% of mass 198	6.38	6.38	Ok
275	10-30% of mass 198	21.30	21.30	Ok
365	Greater than 1% of mass 198	1.93	1.93	Ok
441	0-100% of mass 443	9.28	82.62	Ok
442	Greater than 40% of mass 198	58.05	58.05	Ok
443	17-23% of mass 442	11.24	19.36	Ok

Injection Date: 02/17/95

Injection Time: 14:06

Data File: >H048A

Scan: 394

FMGR : ,TUNDOC

300482

Data Subject to validation

File >H048A
Bpk Ab 100.

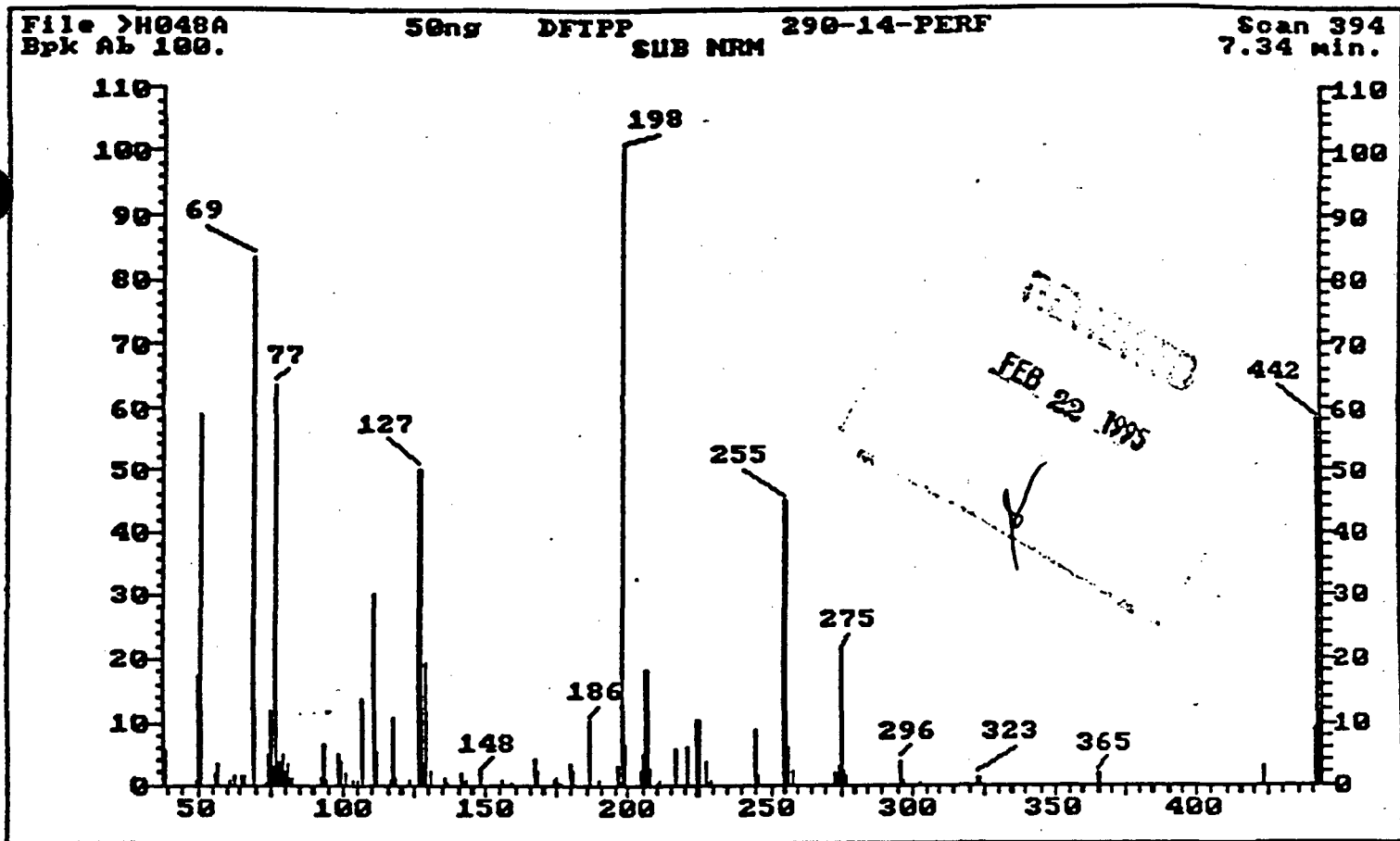
50ng

DFTPP

SUB NRM

290-14-PERF

Scan 394
7.34 min.



Data Filename: >H048A::D2

Name: 50ng DFTPP

Misc: 290-14-PERF

INST H

BTL# 1

Operator ID: DAVID SUPER GRP.

Analysis Date/Time : 2/17/95 14:06

300483

data Subject To Validation

Analysis Date/Time: 2/17/95 14:06
Data Filename and Sample ID:

>H048A
394

50ng DFTPP
SUB NRM

290-14-PERF

File: >H048A Scan #: 394 Retn. time: 7.34

m/z	Int.	m/z	Int.	m/z	Int.	m/z	Int.	m/z	Int.
38.05	1.025	81.15	3.605	127.25	49.898	189.20	.618	255.25	44.804
39.20	5.802	82.15	1.196	128.25	3.401	196.30	2.978	256.25	6.274
49.25	.838	83.15	1.147	129.25	19.448	197.20	.350	258.15	2.010
50.15	17.219	92.15	.985	130.25	2.002	198.20	100.000	273.25	1.758
51.15	58.988	93.15	6.608	135.25	1.042	199.20	6.380	274.25	3.287
56.15	1.766	94.15	.781	136.40	.277	204.30	2.604	275.25	21.304
57.15	3.507	98.15	4.793	141.20	1.815	205.30	4.907	276.25	2.075
61.15	.911	99.15	3.646	143.05	.684	206.30	18.122	277.25	1.530
63.15	1.286	101.15	1.619	148.20	1.969	207.30	2.889	296.25	3.963
65.15	1.310	103.25	.879	155.20	.846	210.55	.488	297.25	.708
69.15	83.327	105.15	.920	158.05	.456	210.80	.570	303.15	.578
73.00	.586	107.25	13.752	167.20	4.166	211.30	.879	323.25	1.253
74.15	4.858	110.25	30.027	168.20	2.181	217.20	5.664	365.20	1.929
75.15	11.620	111.25	5.151	174.20	.700	221.20	6.290	423.15	3.100
76.25	3.117	113.15	.236	175.20	1.001	224.30	10.367	441.25	9.285
77.15	63.325	116.25	.692	176.20	.480	227.20	3.882	442.25	58.052
78.15	3.776	117.25	10.408	179.20	3.507	229.20	.887	443.25	11.238
79.25	4.679	118.15	1.009	180.20	1.945	244.25	8.878	444.25	.692
80.15	2.506	123.15	.830	186.30	10.098	246.15	1.278		

300484

Data Subject To Validation

QUANT. REPORT

Operator ID: DAVID
Output File: ^H048A::BQ
Data File: >H048A::D2
Name: 50ng DFTPP
Misc: 290-14-PERF

Quant Rev: 6 Quant Time: 950217 15:37
Injected at: 950217 14:07
Dilution Factor: 1.00000

INST H BTL# 1

ID File: ID_DFT::DB
Title: DFTPP/BENZIDINE/PENTACHLOROPHENOL PERFORMANCE
Last Calibration: 950217 15:37

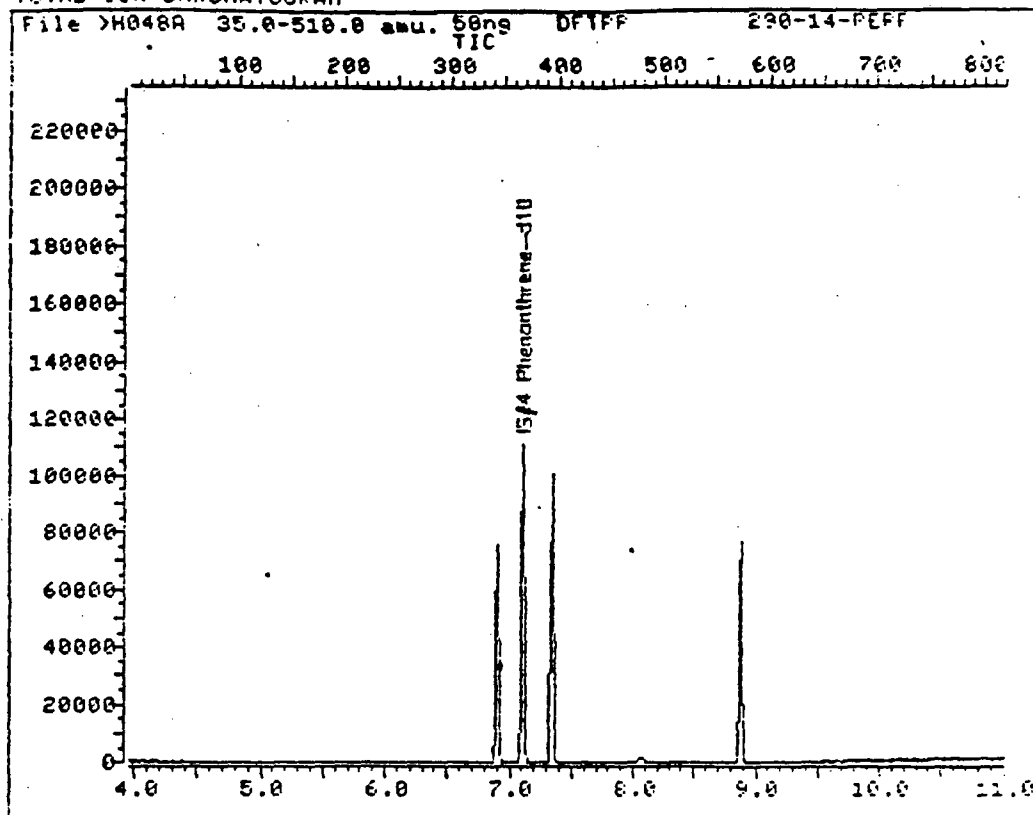
Compound	R.T.	O ion	Area	Conc	Units	q
1) *IS#4 Phenanthrene-d10	7.11	188.2	66332	20.00	ppb	84
2) Pentachlorophenol	6.90	265.9	15418	25.00	ppb	96
3) Benzidine	8.88	184.2	44953	25.00	ppb	97

* Compound is ISTD

300485

Data Subject To Validation

TOTAL ION CHROMATOGRAM



Data File: >H048A::D2

Quant Output File: ^H048A::BQ

Name: 50ng DFTPP

Misc: 290-14-PERF

INST H

BTL# 1

Id File: ID_DFT::DB

Title: DFTPP/BENZIDINE/PENTACHLOROPHENOL PERFORMANCE

Last Calibration: 950217 15:37

Operator ID: DAVID

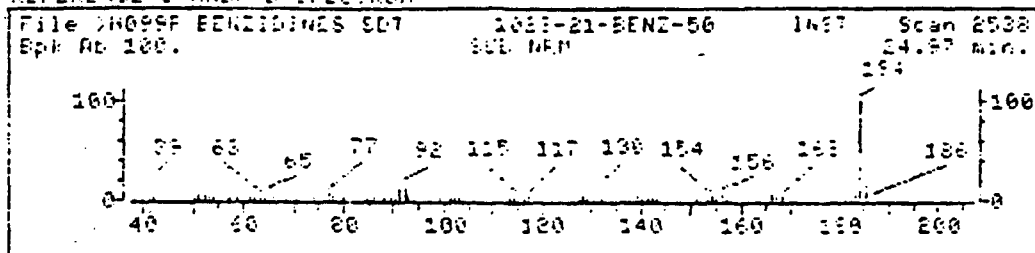
Quant Time: 950217 15:37

Injected at: 950217 14:07

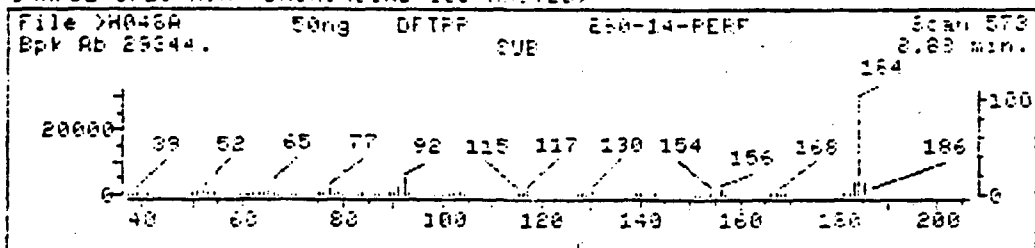
300486

Data Subject To Validation

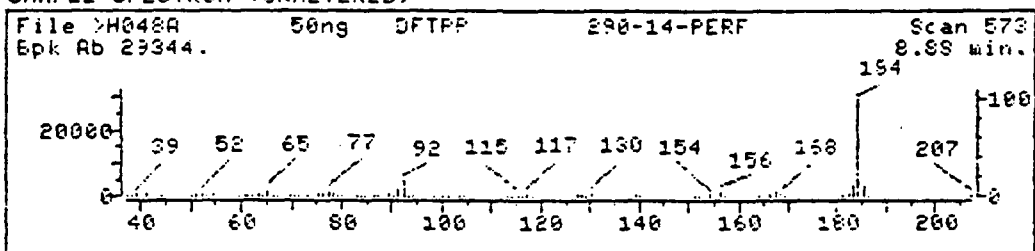
REFERENCE STANDARD SPECTRUM



SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)



SAMPLE SPECTRUM (UNALTERED)



Data File: >H048A::D2
Name: 50ng DFTPP
Misc: 290-14-PERF
Quant Time: 950217 15:37
Injected at: 950217 14:07

Quant Output File: ^H048A::BO

INST H BTL# 1

Quant ID File: ID_DFT::DB
Last Calibration: 950217 15:37

Compound No: 3
Compound Name: Benzidine
Scan Number: 573
Retention Time: 8.88 min.
Quant Ion: 184.2
Area: 44953
Concentration: 25.00 ppb
q-value: 97

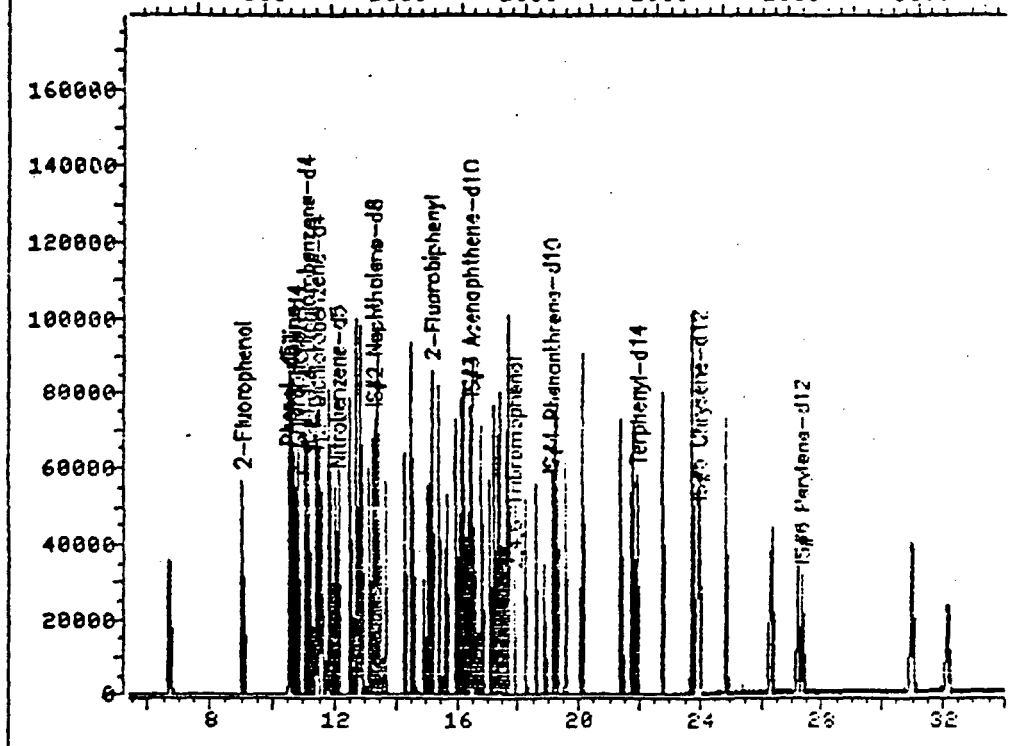
300487

Date: 950217 15:37

File >H048E 35.0-510.0 amu. SSTD050
TIC

TIC

500 1000 1500 2000 2500 3000



RECEIVED
FEB 22 1995

Quant Output File: ^H048B::BO

INST H BTL# 2

Misc: 290-12-SV25

Title: SEMIVOLATILES BY SW846-8270/EPA 625

Last Calibration: 950217 15:16

Quant Time: 950217 15:16

Injected at: 950217 14:29

300488

Data Subject To Validation

QUANT REPORT

Operator ID: DAVID
 Output File: ^H048B::BO
 Data File: >H048B::D2
 Name: SST050
 Misc: 290-12-SV25

Quant Rev: 6 Quant Time: 950217 15:16
 Injected at: 950217 14:29
 Dilution Factor: 1.00000

INST H BTL# 2

ID File: ID_SH::DB
 Title: SEMIVOLATILES BY SW846-8270/EPA 625
 Last Calibration: 950217 15:16

	Compound	R.T.	O ion	Area	Conc	Units	q
1)	*IS#1 1,4-Dichlorobenzene-d4	11.08	152.0	16623	20.00	ppb	98
2)	Pyridine	6.62	79.1	29341	25.00	ppb	93
3)	N-Nitrosodimethylamine	6.65	74.0	20026	25.00	ppb	76
4)	Phenol-d5	10.51	99.0	35414	25.00	ppb	96
5)	2-Chlorophenol-d4	10.76	132.0	25707	25.00	ppb	89
6)	2-Fluorophenol	9.04	112.0	25841	25.00	ppb	74
7)	Aniline	10.59	93.0	51173	25.00	ppb	93
8)	Phenol	10.53	94.0	37651	25.00	ppb	75
9)	2-Chlorophenol	10.79	128.0	27214	25.00	ppb	81
10)	bis(2-Chloroethyl)ether	10.66	93.0	34639	25.00	ppb	90
11)	1,3-Dichlorobenzene	11.01	146.0	26492	25.00	ppb	90
12)	1,4-Dichlorobenzene	11.11	146.0	28024	25.00	ppb	95
13)	1,2-Dichlorobenzene-d4	11.40	152.0	16309	25.00	ppb	95
14)	1,2-Dichlorobenzene	11.43	146.0	25229	25.00	ppb	92
15)	Benzyl alcohol	11.32	108.1	17216	25.00	ppb	91
16)	2,2'Oxybis-(1-chloropropane)	11.56	44.9	37304	25.00	ppb	89
17)	2-Methylphenol	11.51	108.0	23773	25.00	ppb	96
18)	N-Nitroso-di-n-propylamine	11.80	70.0	19310	25.00	ppb	84
19)	Hexachloroethane	11.95	117.0	12539	25.00	ppb	91
20)	4-Methylphenol	11.75	108.0	25795	25.00	ppb	97
21)	*IS#2 Naphthalene-d8	13.29	136.1	56450	20.00	ppb	98
22)	Nitrobenzene-d5	12.07	82.0	29232	25.00	ppb	83
23)	Nitrobenzene	12.11	77.0	29041	25.00	ppb	90
24)	Isophorone	12.48	82.2	59550	25.00	ppb	98
25)	2-Nitrophenol	12.65	139.0	13056	25.00	ppb	96
26)	2,4-Dimethylphenol	12.66	107.0	18444	25.00	ppb	97
27)	bis(2-Chloroethoxy)methane	12.82	93.1	41375	25.00	ppb	94
28)	2,4-Dichlorophenol	13.05	162.0	19771	25.00	ppb	82
29)	Benzoic acid	12.81	122.0	12930	25.00	ppb	93
30)	1,2,4-Trichlorobenzene	13.21	179.9	20504	25.00	ppb	96
31)	Naphthalene	13.34	128.1	68524	25.00	ppb	97
32)	4-Chloroaniline	13.43	127.0	31551	25.00	ppb	93
33)	Hexachlorobutadiene	13.60	224.8	10838	25.00	ppb	96
34)	4-Chloro-3-methylphenol	14.24	107.0	20462	25.00	ppb	94
35)	2-Methylnaphthalene	14.54	142.1	40499	25.00	ppb	96
36)	*IS#3 Acenaphthene-d10	16.47	164.2	28607	20.00	ppb	97
37)	Hexachlorocyclopentadiene	14.92	236.8	8990	25.00	ppb	93
38)	2,4,6-Trichlorophenol	15.07	196.0	12986	25.00	ppb	93
39)	2,4,5-Trichlorophenol	15.15	196.0	14517	25.00	ppb	97
40)	2-Fluorobiphenyl	15.19	172.1	42887	25.00	ppb	95
41)	2-Chloronaphthalene	15.43	162.0	39516	25.00	ppb	93
42)	2-Nitroaniline	15.65	65.0	14529	25.00	ppb	74
43)	Dimethylphthalate	15.95	163.1	49243	25.00	ppb	96

300489

Data Subject To Validation

	Compound	R.T.	O ion	Area	Conc	Units	q
44)	2,6-Dinitrotoluene	16.11	165.0	11209	25.00	ppb	89
45)	Acenaphthylene	16.20	152.1	62101	25.00	ppb	95
46)	3-Nitroaniline	16.39	138.0	13009	25.00	ppb	91
47)	Acenaphthene	16.52	153.1	39390	25.00	ppb	97
48)	2,4-Dinitrophenol	16.56	184.1	3528M	25.00	ppb	
49)	Dibenzofuran	16.79	168.1	52412	25.00	ppb	94
50)	4-Nitrophenol	16.63	109.0	4178	25.00	ppb	92
51)	2,4-Dinitrotoluene	16.83	165.1	14182	25.00	ppb	93
52)	2,3,4,6-Tetrachlorophenol	17.08	232.0	14049	25.00	ppb	74
53)	Diethylphthalate	17.19	149.1	50016	25.00	ppb	97
54)	4-Chlorophenyl-phenylether	17.36	204.1	19780	25.00	ppb	90
55)	Fluorene	17.42	166.1	37955	25.00	ppb	98
56)	4-Nitroaniline	17.51	138.0	12454	25.00	ppb	93
57)	2,4,6-Tribromophenol	17.89	329.6	7585	25.00	ppb	91
58)	*IS#4 Phenanthrene-d10	19.12	188.2	37751	20.00	ppb	90
59)	1,2-Diphenylhydrazine	17.65	77.0	68771	25.00	ppb	90
60)	4,6-Dinitro-2-methylphenol	17.56	198.0	6124	25.00	ppb	87
61)	Diphenylamine	17.58	169.1	26248	25.00	ppb	96
62)	4-Bromophenyl-phenylether	18.24	248.0	12480	25.00	ppb	94
63)	Hexachlorobenzene	18.56	283.8	15675	25.00	ppb	97
64)	Pentachlorophenol	18.87	265.9	8479	25.00	ppb	97
65)	Carbazole	19.52	167.0	46204	25.00	ppb	96
66)	Phenanthrene	19.17	178.1	50449	25.00	ppb	98
67)	Anthracene	19.25	178.1	50448	25.00	ppb	98
68)	Fluoranthene	21.34	202.0	51241	25.00	ppb	95
69)	Di-n-butylphthalate	20.06	149.0	82854	25.00	ppb	97
70)	*IS#5 Chrysene-d12	23.95	240.2	29792	20.00	ppb	99
72)	Pyrene	21.77	202.0	50752	25.00	ppb	92
73)	Terphenyl-d14	21.93	244.2	32883	25.00	ppb	97
74)	Butylbenzylphthalate	22.77	149.1	32804	25.00	ppb	91
75)	3,3'-Dichlorobenzidine	23.81	252.2	17041	25.00	ppb	95
76)	Benzo(a)anthracene	23.91	228.0	42449	25.00	ppb	95
77)	bis(2-Ethylhexyl)phthalate	23.71	149.0	47018	25.00	ppb	87
78)	Chrysene	24.00	228.0	39371	25.00	ppb	98
79)	*IS#6 Perylene-d12	27.32	264.2	36870	20.00	ppb	95
80)	Di-n-octylphthalate	24.84	149.0	74450	25.00	ppb	99
81)	Benzo(b)fluoranthene	26.26	252.2	48273	25.00	ppb	92
82)	Benzo(k)fluoranthene	26.32	252.2	40310	25.00	ppb	91
83)	Benzo(a)pyrene	27.17	252.0	42121	25.00	ppb	94
84)	Indeno(1,2,3-cd)pyrene	31.01	276.2	54993	25.00	ppb	92
85)	Dibenz(a,h)anthracene	30.98	278.1	42523	25.00	ppb	92
86)	Benzo(g,h,i)perylene	32.15	276.0	45972	25.00	ppb	93

* Compound is ISTD

300490

Data Subject To Validation

Continuing Calibration Check

BSL Compounds

Case No:

Calibration Date: 02/17/95

Contractor: PACE

Time: 14:29

Contract No:

Laboratory ID: >H0428

Instrument ID: 5968-M

Initial Calibration Date: 02/02/95

Minimum RF for SPCC is 0.05

Maximum % Diff for CCC is 30%

Compound	RF	RF	%Diff	CCC	SPCC
Pyridine	1.01438	1.41207	39.20		
N-Nitrosodimethylamine	.66304	.96377	45.36		
Phenol-d5	1.48923	1.70434	14.44		
2-Chlorophenol-d4	1.19953	1.23718	3.14		
2-Fluorophenol	1.12896	1.24363	10.16		
Aniline	2.24426	2.46276	9.74		
Phenol	1.62092	1.81200	11.79	*	✓
2-Chlorophenol	1.21281	1.30970	7.99		
bis(2-Chloroethyl)ether	1.39292	1.66704	19.68		
1,3-Dichlorobenzene	1.31130	1.27496	2.77		
1,4-Dichlorobenzene	1.34158	1.34869	.53	*	✓
1,2-Dichlorobenzene-d4	.80913	.78489	3.00		
1,2-Dichlorobenzene	1.23820	1.21417	1.94		
Benzyl alcohol	.73778	.82854	12.30		
2,2'Oxybis-(1-chloropropene)	1.37092	1.79530	30.96		
2-Methylphenol	1.05586	1.14410	8.36		
N-Nitroso-di-n-propylamine	.91209	.92931	1.89		**
Hexachloroethane	.58790	.60345	2.65		
4-Methylphenol	1.10887	1.24141	11.95		
Nitrobenzene-d5	.41102	.41427	.79		
Nitrobenzene	.40829	.41156	.80		
Isophorone	.80030	.84393	5.45		✓
2-Nitrophenol	.17343	.18503	6.68	*	
2,4-Dimethylphenol	.27375	.26139	4.52		
bis(2-Chloroethoxy)methane	.49769	.58636	17.82		
2,4-Dichlorophenol	.26488	.28019	5.78	*	✓
Benzoic acid	.17640	.18324	3.88		
1,2,4-Trichlorobenzene	.29482	.29058	1.44		
Naphthalene	.90341	.97111	7.49		
4-Chloroaniline	.41357	.44714	8.12		
Hexachlorobutadiene	.16955	.15359	9.41	*	✓
4-Chloro-3-methylphenol	.28719	.28998	.97	*	✓

RF - Response Factor from daily standard file at 25.00 PPB

RF - Average Response Factor from Initial Calibration Form VI

%Diff - % Difference from original average or curve

CCC - Calibration Check Compounds (*) SPCC - System Performance Check Compounds (**)

Continuing Calibration Check
MSL Compounds

Case No: _____ Calibration Date: 02/17/95
Contractor: PACE _____ Time: 14:29
Contract No: _____ Laboratory ID: >M0488
Instrument ID: 5988-M _____ Initial Calibration Date: 02/02/95

Minimum RF for SPCC is 0.05

Maximum % Diff for CCC is 30%

Compound	RF	RF	%Diff	CCC	SPCC
2-Methylnaphthalene	.55293	.57395	3.80		
Hexachlorocyclopentadiene	.32670	.25141	23.05		**
2,4,6-Trichlorophenol	.38270	.36316	5.11	*	✓
2,4,5-Trichlorophenol	.41683	.40597	2.61		
2-Fluorobiphenyl	1.25887	1.19934	4.73		
2-Chloronaphthalene	1.08947	1.10507	1.43		
2-Nitroaniline	.42902	.40631	5.29		
Dimethylphthalate	1.38792	1.37709	.78		
2,6-Dinitrotoluene	.31656	.31346	.98		
Acenaphthylene	1.80475	1.73667	3.77		
3-Nitroaniline	.36172	.36380	.57		
Acenaphthene	1.12923	1.10155	2.45	*	✓
2,4-Dinitrophenol	.15628	.09866	36.87		**
Dibenzofuran	1.48924	1.46571	1.58		
4-Nitrophenol	.17060	.11684	31.51		**
2,4-Dinitrotoluene	.39411	.39660	.63		
2,3,4,6-Tetrachlorophenol	.37045	.39288	6.06		
Diethylphthalate	1.46478	1.39871	4.51		
4-Chlorophenyl-phenylether	.54579	.55315	1.35		
Fluorene	1.11196	1.06142	4.55		
4-Nitroaniline	.32391	.34828	7.52		
2,4,6-Tribromophenol	.22662	.21212	6.40		
1,2-Diphenylhydrazine	1.30901	1.45736	11.33		
4,6-Dinitro-2-methylphenol	.15078	.12978	13.93		
Diphenylamine	.52841	.55623	5.27	*	✓
4-Bromophenyl-phenylether	.23966	.26447	10.35		
Hexachlorobenzene	.31426	.33218	5.70		
Pentachlorophenol	.18396	.17968	2.33	*	✓
Carbazole	1.00492	.97913	2.57		
Phenanthrene	1.10125	1.06909	2.92		
Anthracene	1.11046	1.06907	3.73		
Fluoranthene	1.17351	1.08587	7.47	*	✓

RF - Response Factor from daily standard file at 25.00 PPB

RF - Average Response Factor from Initial Calibration Form VI

%Diff - % Difference from original average or curve

CCC - Calibration Check Compounds (*) SPCC - System Performance Check Compounds (**)

Continuing Calibration Check

EEL Compounds

Case No:

Calibration Date: 02/17/95

Contractor: PACE

Time: 14:29

Contract No:

Laboratory ID: >M0488

Instrument ID: 5988-M

Initial Calibration Date: 02/02/95

Minimum RF for SPCC is 0.05 Maximum % Diff for CCC is 30%

Compound	RF	RF	%Diff	CCC	SPCC
Di-n-butylphthalate	1.67332	1.75580	4.93		
Pyrene	1.28356	1.36284	6.18		
Terphenyl-d14	.81891	.88300	7.83		
Butylbenzylphthalate	.76622	.88083	14.96		
3,3'-Dichlorobenzidine	.39300	.45760	16.44		
Benzo(a)anthracene	1.08622	1.13988	4.94		
bis(2-Ethylhexyl)phthalate	1.08571	1.26257	16.29		
Chrysene	1.01148	1.05722	4.52		
Di-n-octylphthalate	1.62082	1.61541	.33	✓	
Benzo(b)fluoranthene	1.05431	1.04742	.65		
Benzo(k)fluoranthene	.92652	.87464	5.60		
Benzo(a)pyrene	.90934	.91394	.51	✓	
Indeno(1,2,3-cd)pyrene	1.04677	1.19323	13.99		
Dibenz(a,h)anthracene	.81469	.92266	13.25		
Benzo(g,h,i)perylene	.88047	.99749	13.29		

RF -- Response Factor from daily standard file at 25.00 PPB

RF -- Average Response Factor from Initial Calibration Form VI

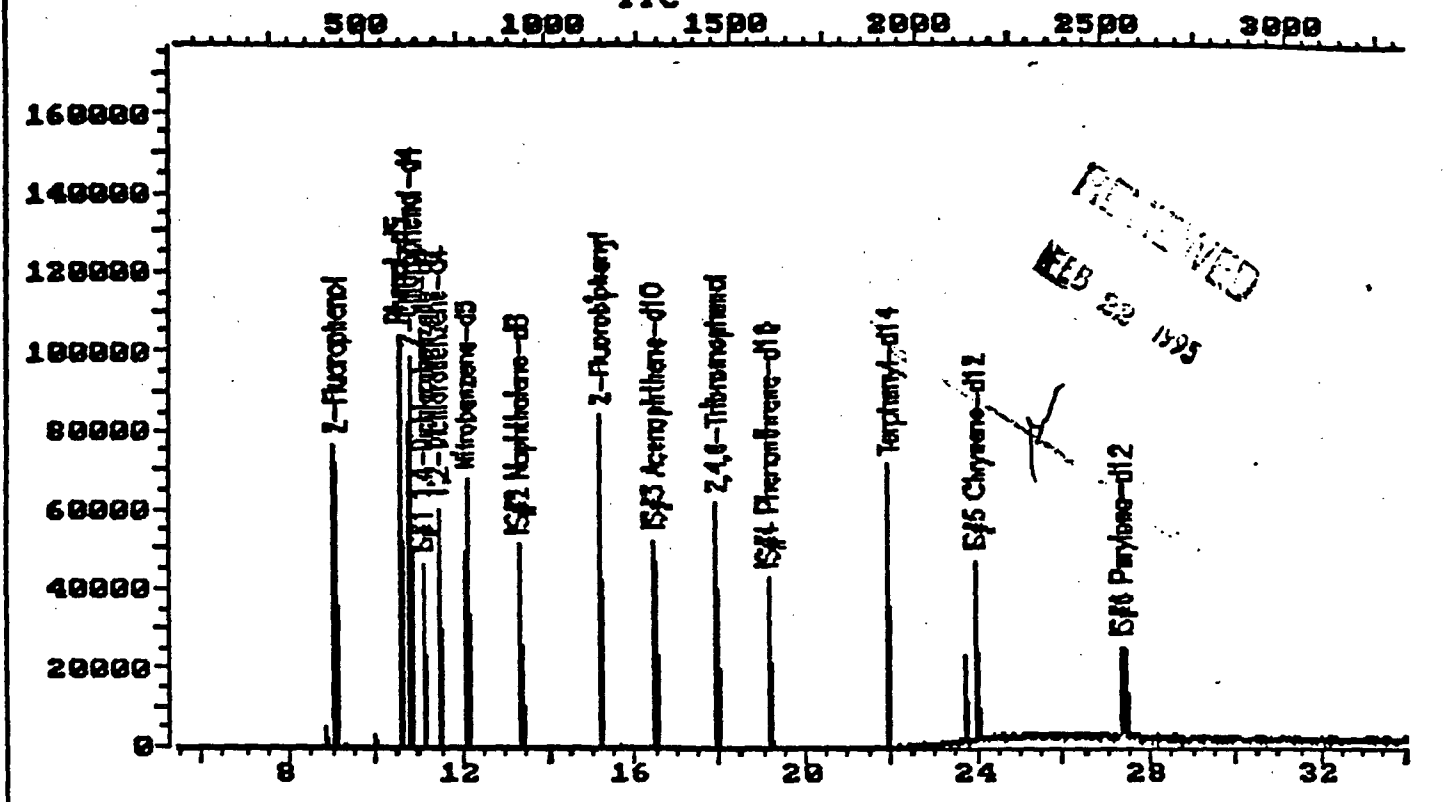
%Diff -- % Difference from original average or curve

CCC -- Calibration Check Compounds (*) SPCC -- System Performance Check Compounds (**)

TOTAL ION CHROMATOGRAM

File >H048L 35.0-510.0 amu. 12158WB2
TIC

BNA LAB BLANK DATE



Data File: >H048L::D3

Quant Output File: ^H048L::BQ

Name: 12158WB2

Misc: BNA LAB BLANK WATER BATCH # 12158

BTL#13

Id File: ID_SH::DB

Title: SEMIVOLATILES BY SW846-8270/EPA 625

Last Calibration: 950217 15:16

Operator ID: DAVID

Quant Time: 950217 22:48

Injected at: 950217 22:13

300494

Data Subject To Validation

QUANT REPORT

Operator ID: DAVID
 Output File: ^H048L::BQ
 Data File: >H048L::D3
 Name: 12158WB2
 Misc: BNA LAB BLANK WATER BATCH # 12158

Quant Rev: 6 Quant Time: 950217 22:48
 Injected at: 950217 22:13
 Dilution Factor: 1.00000

BTL#13

ID File: ID SH::DB
 Title: SEMI-VOLATILES BY SW846-8270/EPA 625
 Last Calibration: 950217 15:16

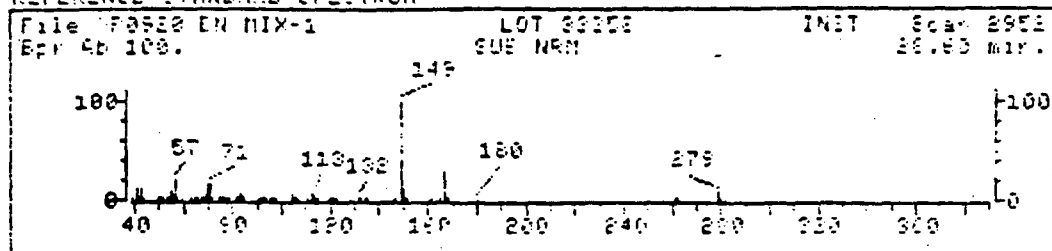
	Compound	R.T.	Q ion	Area	Conc	Units	q
1)	*IS#1 1,4-Dichlorobenzene-d4	11.08	152.0	11045	20.00	ppb	98
4)	Phenol-d5	10.52	99.0	58016	61.64	ppb	92
5)	2-Chlorophenol-d4	10.77	132.0	44110	64.56	ppb	89
6)	2-Fluorophenol	9.04	112.0	37836	55.09	ppb	79
13)	1,2-Dichlorobenzene-d4	11.41	152.0	14443	33.32	ppb	98
21)	*IS#2 Naphthalene-d8	13.30	136.1	39395	20.00	ppb	99
22)	Nitrobenzene-d5	12.08	82.0	32251	39.52	ppb	88
36)	*IS#3 Acenaphthene-d10	16.46	164.2	18695	20.00	ppb	97
40)	2-Fluorobiphenyl	15.20	172.1	44114	39.35	ppb	97
57)	2,4,6-Tribromophenol	17.91	329.6	14168	71.46	ppb	87
58)	*IS#4 Phenanthrene-d10	19.13	188.2	26701	20.00	ppb	93
70)	*IS#5 Chrysene-d12	23.95	240.2	29405	20.00	ppb	98
73)	Terphenyl-d14	21.94	244.2	45425	34.99	ppb	95
77)	bis(2-Ethylhexyl)phthalate	23.71	149.0	11539	6.22	ppb	91
79)	*IS#6 Perylene-d12	27.33	264.2	29858	20.00	ppb	97

* Compound is ISTD

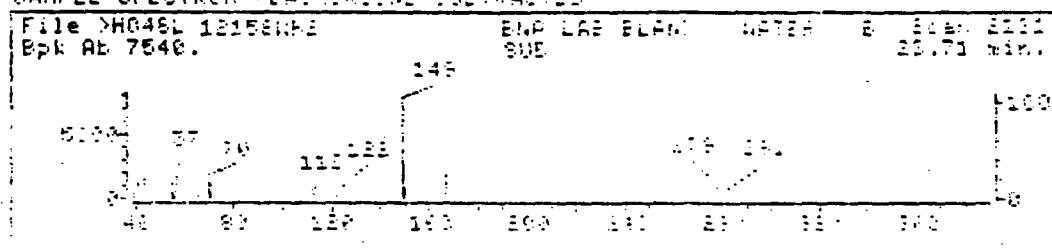
300495

Data Subject To Validation

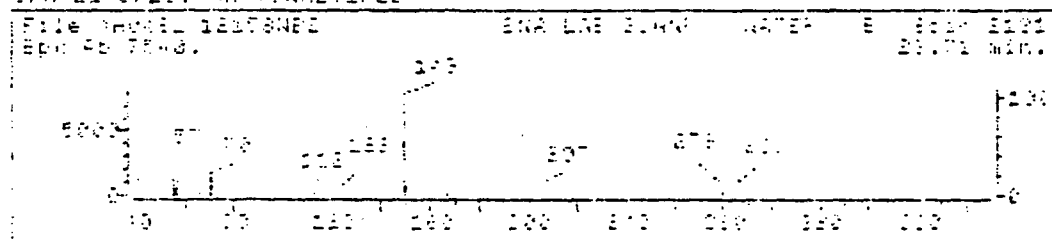
REFERENCE STANDARD SPECTRUM



SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)



SAMPLE SPECTRUM (UNALTYPED)



Data File: >H048L::D3

Quant Output File: >H048L::BO

Name: 12158WB2

Misc: BNA LAB BLANK

WATER

BATCH # 12158

BTL#13

Quant Time: 950217 22:48

Quant ID File: ID_SH::DE

Injected at: 950217 22:13

Last Calibration: 950217 15:16

Compound No: 77

Compound Name: bis(2-Ethylhexyl)phthalate

Scan Number: 2131

Retention Time: 23.71 min.

Quant Ion: 149.0

Area: 11539

Concentration: 6.22 ppb

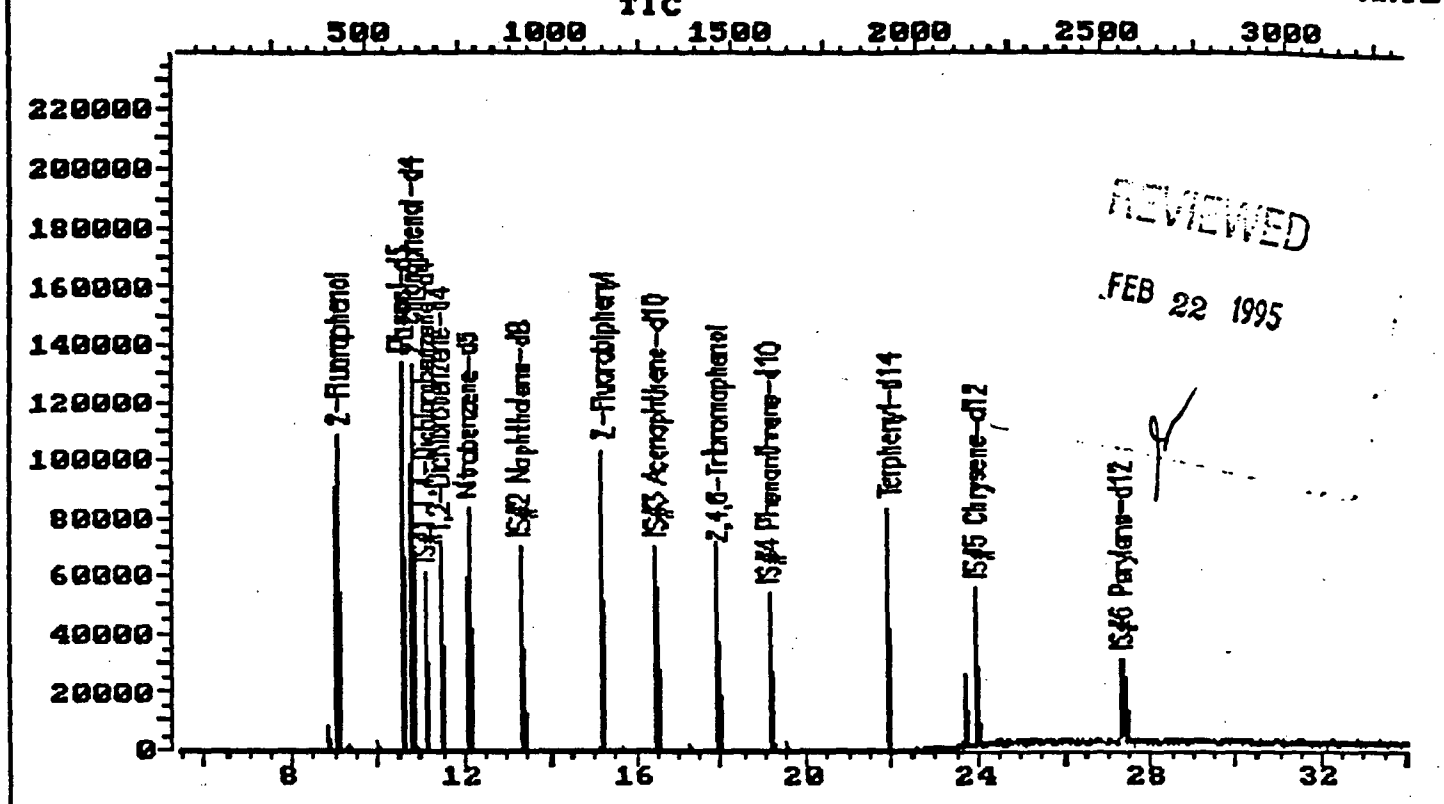
q-value: 91

300496

Data Subject To Validation

TOTAL ION CHROMATOGRAM

File >H048M 35.0-510.0 amu. SVVVG01 HLA RBSO/013195 DATE



REVIEWED

FEB 22 1995

Data File: >H048M::D3

Quant Output File: ^H048M::BQ

Name: SVVVG01 HLA

Misc: RBSO/013195

WATER

BATCH # 12158

BTL#14

Id File: ID_SH::DB

Title: SEMI-VOLATILES BY SW846-8270/EPA 625

Last Calibration: 950217 15:16

Operator ID: DAVID

Quant Time: 950217 23:31

Injected at: 950217 22:56

300497

Data Subject to verification

QUANT REPORT

Operator ID: DAVID Quant Rev: 6 Quant Time: 950217 23:31
Output File: ^H048M::BQ Injected at: 950217 22:56
Data File: >H048M::D3 Dilution Factor: 1.00000
Name: SVVVG01 HLA
Misc: RBSO/013195 WATER BATCH # 12158 BTL#14

ID File: ID SH::DB
Title: SEMI-VOLATILES BY SW846-8270/EPA 625
Last Calibration: 950217 15:16

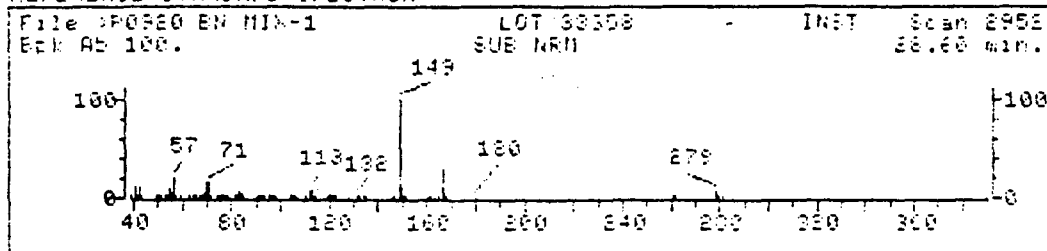
	Compound	R.T.	Scan#	Area	Conc	Units	q
1)	*IS#1 1,4-Dichlorobenzene-d4	11.07	661	15040	20.00	ppb	98
4)	Phenol-d5	10.52	596	76304	59.54	ppb	93
5)	2-Chlorophenol-d4	10.77	625	55487	59.64	ppb	89
6)	2-Fluorophenol	9.05	425	50263	53.75	ppb	74
13)	1,2-Dichlorobenzene-d4	11.40	699	18190	30.82	ppb	99
21)	*IS#2 Naphthalene-d8	13.29	919	53465	20.00	ppb	98
22)	Nitrobenzene-d5	12.07	777	41673	37.63	ppb	86
36)	*IS#3 Acenaphthene-d10	16.46	1288	24881	20.00	ppb	94
40)	2-Fluorobiphenyl	15.20	1141	52508	35.19	ppb	98
57)	2,4,6-Tribromophenol	17.90	1455	16551	62.72	ppb	90
58)	*IS#4 Phenanthrene-d10	19.12	1598	32838	20.00	ppb	89
70)	*IS#5 Chrysene-d12	23.94	2159	32545	20.00	ppb	98
73)	Terphenyl-d14	21.93	1925	53447	37.20	ppb	96
77)	bis(2-Ethylhexyl)phthalate	23.70	2131	13268	6.46	ppb	88
79)	*IS#6 Perylene-d12	27.32	2551	35626	20.00	ppb	97

* Compound is ISTD

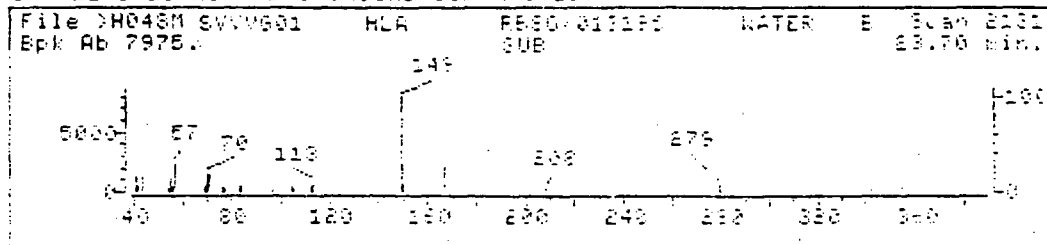
300498

Data Subject To Validation

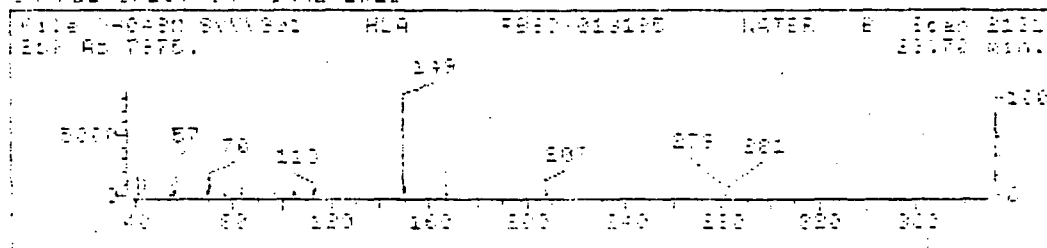
REFERENCE STANDARD SPECTRUM



SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)



SAMPLE SPECTRUM (UNALTERED)



Data File: >H048M::D3

Quant Output File: ^H048M::BQ

Name: SVVVG01 HLA

Misc: RBSO/011195 WATER

BATCH # 12158

BTL#14

Quant Time: 950217 23:31

Quant ID File: ID_SH::DE

Injected at: 950217 22:56

Last Calibration: 950217 15:16

Compound No: 77

Compound Name: bis(2-Ethylhexyl)phthalate

Scan Number: 2131

Retention Time: 23.70 min.

Quant Ion: 149.0

Area: 13268

Concentration: 6.46 ppb

q-value: 88

300499

Data Subject To Validation

Analyst: P. Thompson Date: 7-17-95 Instrument: 4

Project I.D. (client/case/edg): Shell, Martin, HLA, ARCO

Standard Data Acquisition Parameters for Semi-Volatiles:

GC Conditions

Flow rate	: 1.5 ml/min
Head pressure	: 30 Psi 15
Column	: Packed Silica Capillary, 10m x 0.25mm, 1.0um film
Injector temp.	: 250
Injector mode	: Mod Splitless
GC descriptors	: sample-SV, DETPP-ON
GC program	: 45 (4min) to 300 @ 12/min (optimized)

MS Conditions
Scan range: 35-500 nm
Scan rate: 1 s/scan
EM voltage: 1850

Non-standard Conditions : _____

Maintenance/Problems : _____

Formaster Files

Original Data Filed With: _____

Standard Identifications & Spike Amounts:

Standard identifications & spike amounts:
Targets: 240-7-5V25 IS: 240-7-2V3000 DTFP: 240-14-PECF
240-4-AF255
240-14-8K25

Definition of Status/Comments Column on ERM Log (page 2):

.....analysis passed all criteria	RE.....sample matrix effect (also indicates QC excursions, for example, IS ⁺ , SS ⁺ , etc.)
-.....not applicable	
CO.....carry-over or contamination suspected	RE.....re-extraction required
DI/level...dilution required/suggested level	RR.....rerun required
	TD/level...too dilute/suggested level

FACE-OC/MS INSTRUMENT OPERATIONS LOGSHEET --- SEMI-VOLATILES

Analyst : OT Perf. of the day : _____ Are runs within time limits? YES NO
Date : 2-17-55 Perf. Std. + 12 hrs. : 02:06 (If no, circle outliers)

TIME	OP	FILE ID	CLIENT ID (all)	AMT INJ	QC BATCH	QLF	MULT FACT	I.B. AR	RT	SUR REC	STATUS/ COMMENTS	TAPE
14:06	1	H048A::D2	5046 RETZ	2	—	—	1	—	—	—		
14:29	1	H048B::D2	357060			—	1	—	—	—		
15:19		H048C::D2	AP3060			—	1	—	—	—		
16:04		H048D::D2	SK7060			—	1	—	—	—		
16:47		H048E::D2	12244W83	BLANK		12244	33.1	1	✓	✓	SH, SK	
17:31		H048F::D2	SWYAD1	24895			37.7	1	✓	✓	SH	
18:30		H048G::D2	12158W84	BLANK		12158		1	✓	✓	SH "acid"	
19:15		H048H::D2	SWXAGS	RW-2				1	✓	✓	SH Acid / BLK	
19:59		H048I::D2	SVVYAG6	RW-3				1	✓	✓	SH saturation	
20:44		H048J::D3	12244W82	BLANK		12244		1	✓	✓	SH	
21:29		H048K::D3	SVVYAG1	W05001				1	✓	✓	SH Acid / BLK	
22:13		H048L::D3	12158W82	BLANK		12158		1	✓	✓	SH	
22:56		H048M::D3	SWWAD1	P05/00155				1	✓	✓		
23:40		H048N::D3	SWWAD7	P2-6				1	✓	✓		
00:24		H048O::D3	SWWAD10U	P2-8				1	✓	✓	Acid	
01:08		H048P::D3	SVVYAG5	P2-6				1	✓	✓	Acid / BLK	
01:52		H048Q::D3	SVVYAG7	P2-7				1	✓	✓		

~~Data Subject to Validation~~

300500

Analyst: J. M. Fall Date: 2/8/95 Instrument: B

Project I.D. (client/case/obj): _____

Standard Data Acquisition Parameters for Semi-Volatiles:

GC Conditions
 Flow rate: 1.5 ml/min
 Head pressure: 30 psi
 Column: Purged Silica Capillary
10m x 0.25mm, 1.0um film
 Injector temp.: 250
 Injector mode: Mod Splitless
 GC descriptors: sample-SV, DRYPP-DM
 GC program: 45 (4min) to 300 @ 12/min
(optimized)

MS Conditions
 Scan range: 25-300 amu
 Scan rate: 1 a/scan
 MS voltage: 180V

Non-standard Conditions: _____

Maintenance/Problems: _____

Formater Files: 1/622012.AQ

Original Data Filed With: _____

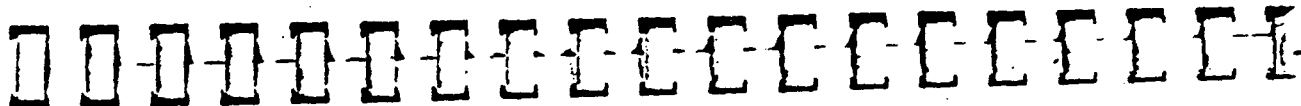
Standard Identifications & Spike Amounts:

Targets: 290-12-CAS IS: 290-97-SVTRAP DETP: 290-14-PERF

Definition of Status/Comments Column on Run Log (page 2):

.....analysis passed all criteria
not applicable
 CO.....carry-over or contamination suspected
 DL/level....dilution required/suggested level

RE.....sample matrix effect (also indicate GC excursions, for example, 183°, 283°, etc.)
 RE.....re-extraction required
 RE.....rerun required
 TD/level....too dilute/suggested level



PAGE-GC/MS INSTRUMENT OPERATIONS LOGSHEET --- SEMI-VOLATILES

Analyst: J. M. Fall RFP of the day: 1330, 0820 Are runs within time limits? YES NO
 Date: 2/8/95 Perf. Std. + 12 hrs.: 222V (If no, circle outliers)

TIME	OP	FILE ID	CLIENT ID (all)	INT INJ	GC BATCH	QUP	MULT FACT	I.S. AR	RT	SUB REC	STATUS/COMMENTS	TAPE
10:21	Q	84920135J	QMPH	2nd	-	1	1	-	-	-	✓	3466
11:24	Q	84920135B	STOOP	2nd	-	1	1	-	-	-	✓	
12:06	Q	SV12042WB2	SBKLV	2nd	12098	1	1	✓	✓	✓	✓	
12:49	Q	SVVVRVIR	DISCHARGE COMPOSITE 1:10	2nd		10	10	✓	✓	✓	✓	
13:32	Q	SVVVRVIR	RELO/012575	2nd		1	1	✓	✓	✓	✓	
14:15	Q	SVVVRVIR	RELO/012575	2nd		1	1	✓	✓	✓	✓	
14:58	Q	SV12042WB2	SBKLV	2nd	12048	4	1	✓	✓	✓	✓	
15:30	Q	SVVVRVIR	9W95	2nd		4	1	✓	✓	✓	✓	
16:05	Q	SV12042WB2	SBKLV	2nd	12019	1	1	✓	✓	✓	✓	
16:42	Q	SVVVRVIR	ENW-512	2nd		1	1	✓	✓	✓	✓	
17:12	Q	SV12042WB2	SBKLV		12154	1	1	✓	✓	✓	✓	
18:54	P	SV12042WB2	BLANK SPIKE			1	1	✓	✓	✓	✓	
19:35	P	SVVVRVIR	RELO/012575			1	1	✓	✓	✓	✓	
20:16	P	SVVVRVIR	RELO/012575			1	1	✓	✓	✓	✓	
20:17	P	SVVVRVIR	CELL COMPOSITE LEAKAGE			20	20	✓	✓	✓	✓	
	P	SVVVRVIR	PA-2					✓	✓	✓	✓	
	P	SVVVRVIR	SW-2					✓	✓	✓	✓	
	P	SVVVRVIR	OA-1					✓	✓	✓	✓	

Data Subject To Validation

Raw pyridine data

R.G. 95022

Feb. '95

Soil & GW samples

300503

Data Subject To Validation

MASS SPECTRUM

02/20/95 9:31:00 + 8:03

SAMPLE: DFTFP 290-14-PERF

CONDS.: 0.25 X 30M RTX-5 1.0UM 45/4-300012 INST C

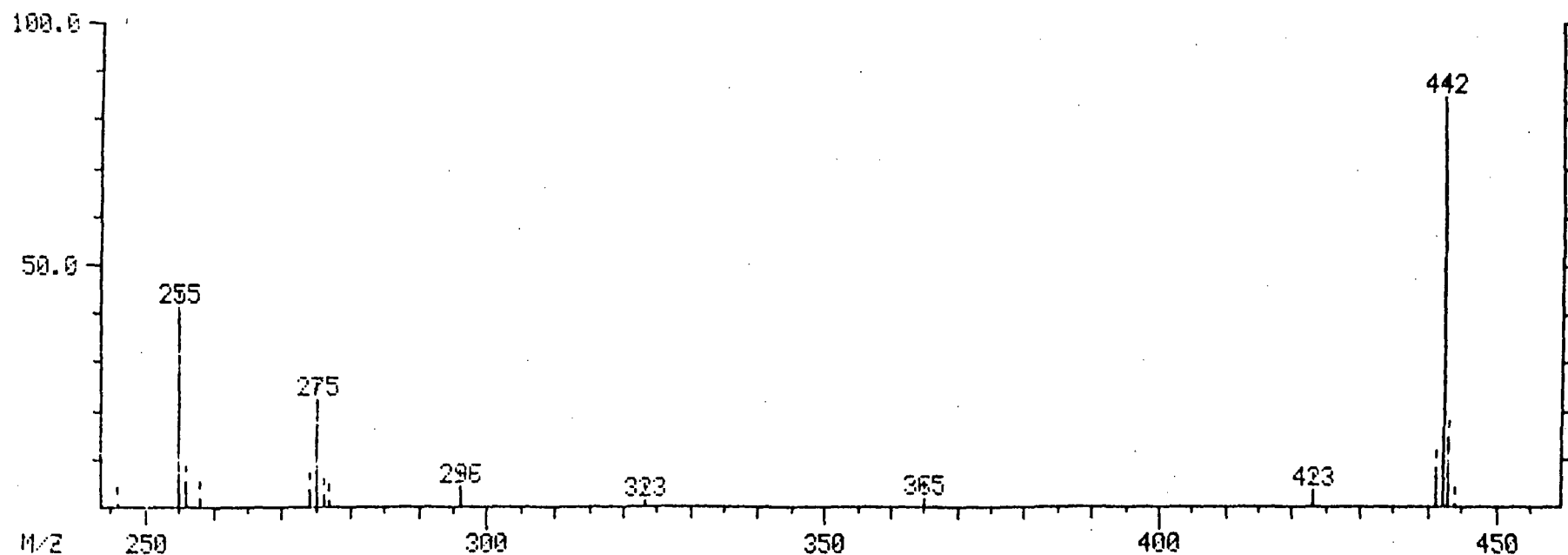
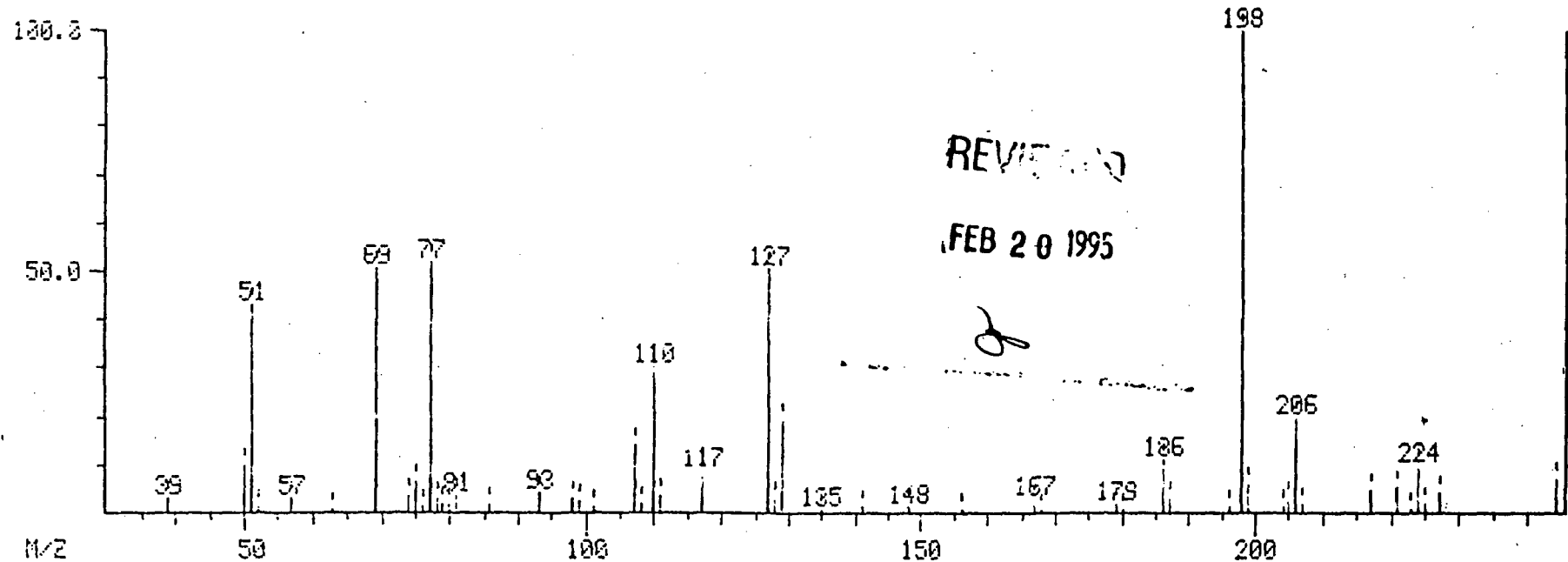
#488 TO #490 AVERAGED - #484 X1.00

DATA: CP022095A #489

CALI: CP022095A #1

BASE M/Z: 198

RIC: 8672.



Data Subject To Validation

300504

GC/MS Tuning and Mass Calibration

DECAFLUOROTRIPHENYLPHOSPHINE

Case Number: Laboratory: GULF Contract:
Inst ID: C Sens Date: 02/20/95 Sens Time: 9:31:00
Lab ID: CP022095A Cali Date: 10/02/91 Analyst: SRA

Data release authorized by: _____

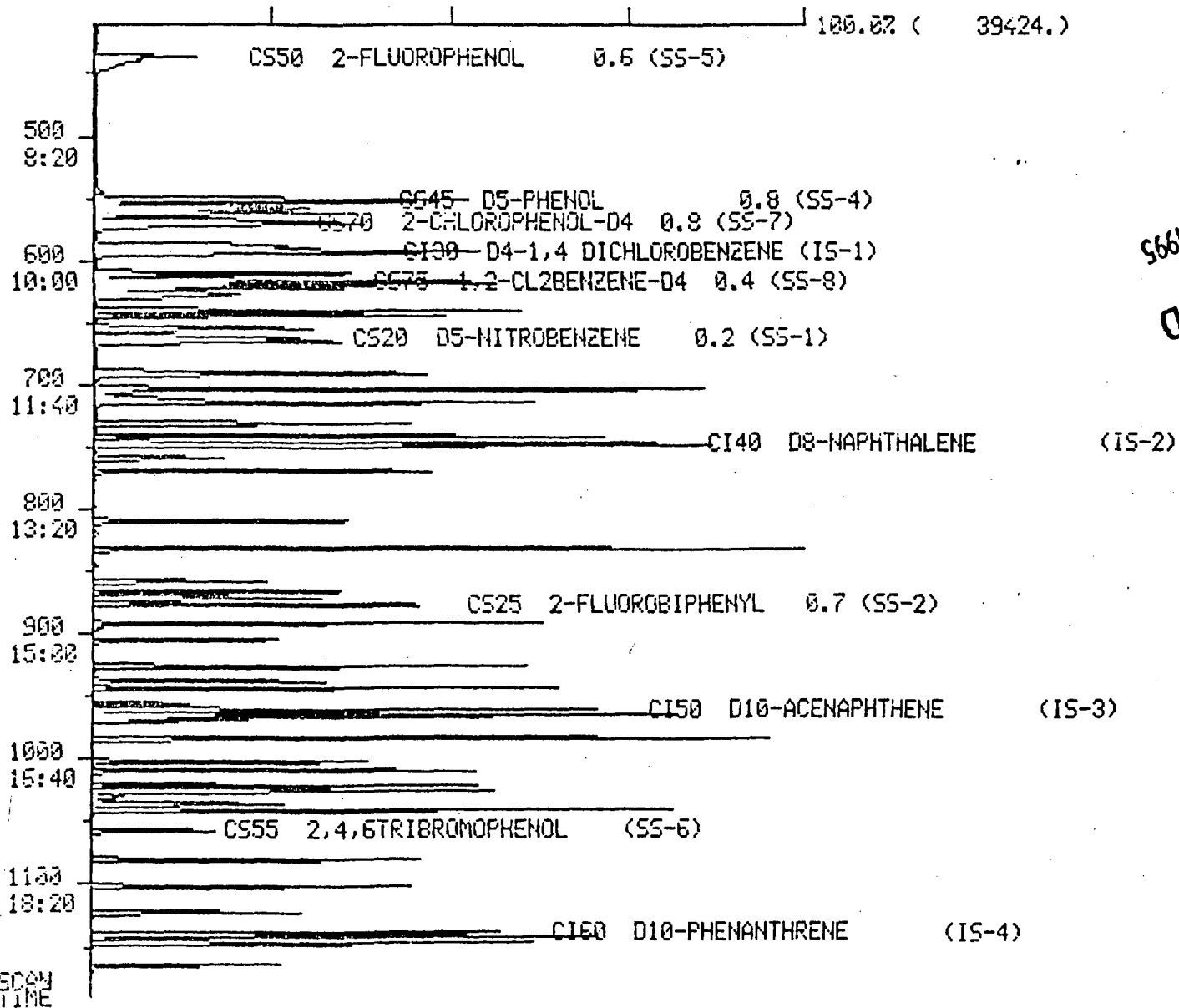
M/E ===	Ion Abundance Criteria =====	Spec # 488 =====
51	30 to 60% of mass 198	43.19
68	less than 2% of mass 69	0.00 (0.00) 1
69	mass 69 relative abundance	50.66
70	less than 2% of mass 69	0.00 (0.00) 1
127	40 TO 60% of mass 198	50.57
197	less than 1% of mass 198	0.00
198	base peak, 100% relative abundance	100.00
199	5 TO 9% of mass 198	5.58
275	10 TO 30% of mass 198	21.84
365	greater than 1% of mass 198	1.72
441	less than mass 443	8.21
442	greater than 40% of mass 198	85.06
443	17 TO 23% of mass 442	14.78 (17.37) 2

1 - value in parenthesis is % of mass 69
2 - value in parenthesis is % of mass 442

300505

Data Subject To Validation

DATA FROM FILE: CS022095A SCANS 410 TO 1190 ACQUIRED: 02/20/95 9:50:00
CALI: CS022095A #1
SAMPLE: SSTD050 290-12-SU25A
COND5.: 0.25 X 30M RTX-5 1.0UM 45/4-300012 INST C



REVIEWED
FEB 20 1995

Date Subject To Validation

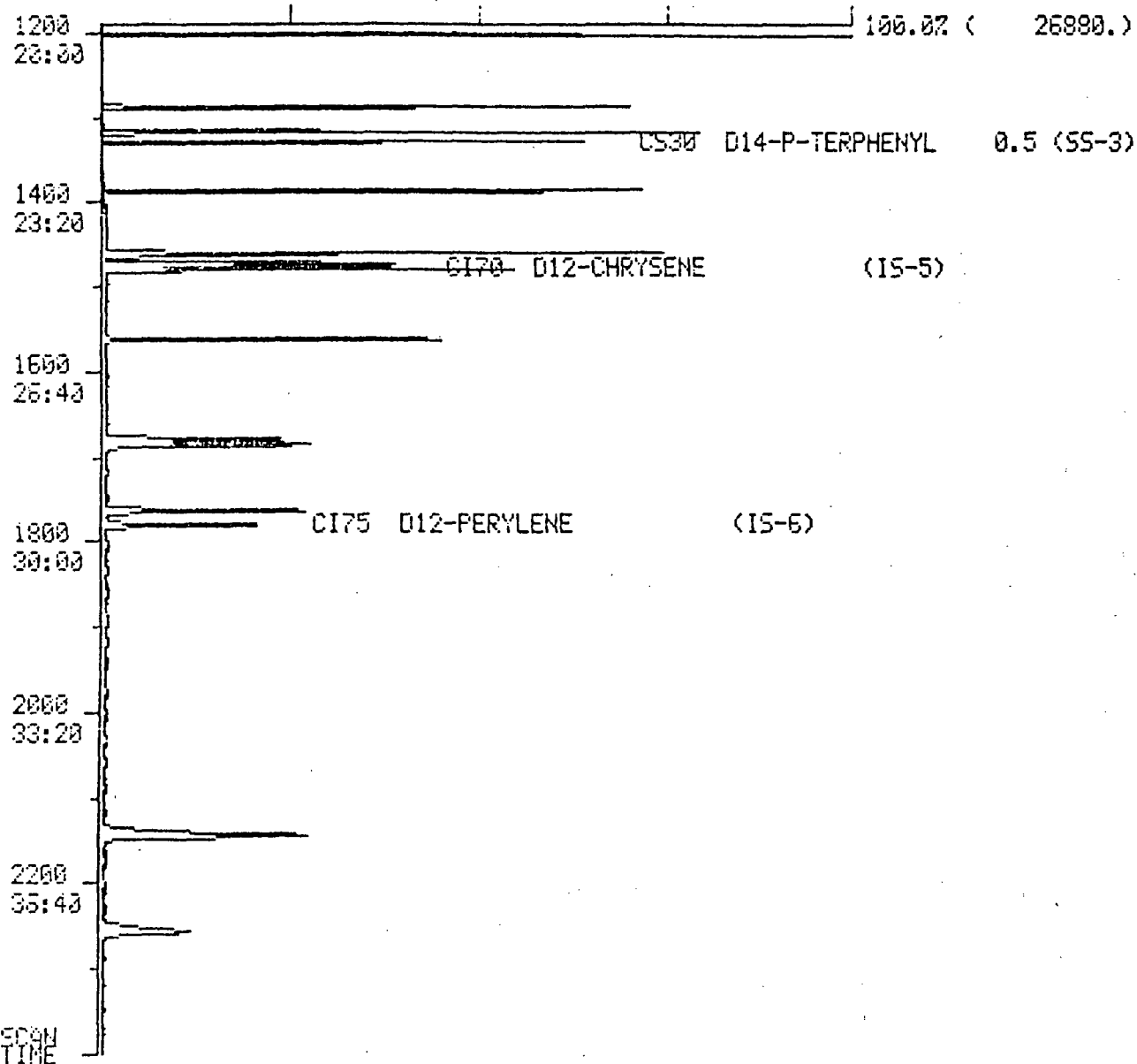
300506

DATA FROM FILE: C5022095A SCANS 1190 TO 2400 ACQUIRED: 02/20/95 9:50:00

CALI: C5022095A #1

SAMPLE: SSTD050 290-12-SU25A

CONDS.: 0.25 X 30M RTX-5 1.0UM 45/4-300012 INST C



Data Subject To Validation

300507

Quantitation Report File: CS022095A

Data: CS022095A.TI

02/20/95 9:50:00

Sample: SSTD050 290-12-SV25A

Conds.: 0.25 X 30M RTX-5 1.0UM 45/4-300@12

Formula: Instrument: C

Submitted by: Analyst: SKA

INST C

Weight: 1.001

Acct. No.:

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

Resp. fac. from Library Entry

No	Name	
1	CI30 D4-1,4 DICHLOROBENZENE	(IS-1)
2	CI40 D8-NAPHTHALENE	(IS-2)
3	CI50 D10-ACENAPHTHENE	(IS-3)
4	CI60 D10-PHENANTHRENE	(IS-4)
5	CI70 D12-CHRYSENE	(IS-5)
6	CI75 D12-PERYLENE	(IS-6)
7	CS50 2-FLUOROPHENOL	0.6 (SS-5)
8	CS45 D5-PHENOL	0.8 (SS-4)
9	CS20 D5-NITROBENZENE	0.2 (SS-1)
10	CS25 2-FLUOROBIPHENYL	0.7 (SS-2)
11	CS55 2,4,6-TRIBROMOPHENOL	(SS-6)
12	CS30 D14-P-TERPHEYL	0.5 (SS-3)
13	CS70 2-CHLOROPHENOL-D4	0.8 (SS-7)
14	CS75 1,2-CL2BENZENE-D4	0.4 (SS-8)
15	C315 *PHENOL	0.8
16	C325 BIS(2CHLOROETHYL)E	0.7
17	C330 2CHLOROPHENOL	0.8
18	C335 1,3DICHLOROBENZENE	0.6
19	C340 *1,4DICHLOROBENZENE	0.5 T
20	C320 ANILINE	
21	C310 N-NITROSODIMETHYLAMINE	
22	C319 PYRIDINE	T
23	C345 BENZYL ALCOHOL	
24	C350 1,2DICHLOROBENZENE	0.4
25	C355 2METHYLPHENOL	0.7 T
26	C357 2,2'OXYBIS(1CHLOROPR	
27	C365 4METHYLPHENOL	0.6 T
28	C370 &NITROSOPROPYLAMINE	0.5
29	C375 HEXACHLOROETHANE	0.3 T
30	C410 NITROBENZENE	0.2 T
31	C415 ISOPHORONE	0.4
32	C420 *2-NITROPHENOL	0.1
33	C425 2,4-DIMETHYLPHENOL	0.2
34	C430 BENZOIC ACID	
35	C435 BIS(2CHLOROETHOXY)	0.3
36	C440 *2,4DICHLOROPHENOL	0.2
37	C445 1,2,4TRICHLOROBENZ	0.2
38	C450 NAPHTHALENE	0.7
39	C455 4-CHLOROANILINE	
40	C460 *CL6BUTADIENE	T
41	C465 *4CHLORO3METHYLPHEN	0.2
42	C470 2METHYLNAPHTHALENE	0.4
43	C510 &CL6CYCLOPENTADIENE	
44	C515 *246TRICHLOROPHNEOL	0.2 T
45	C520 2,4,5TRICHLOROPHEN	0.2 T
46	C525 2CHLORONAPHTHALENE	0.8
47	C530 2-NITROANILINE	

300508

Data Subject To Validation

No Name
 48 C535 DIMETHYL PHTHALATE
 49 C540 ACENAPHTHYLENE 1.3
 50 C545 3-NITROANILINE

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
1	152	590	9:50	1	1.000	A BB	6588.	20.000 PPB	0.95
2	136	745	12:25	2	1.000	A BB	26237.	20.000 PPB	0.95
3	164	960	16:00	3	1.000	A BB	12557.	20.000 PPB	0.95
4	188	1138	18:58	4	1.000	A BB	12723.	20.000 PPB	0.95
5	240	1473	24:33	5	1.000	A BB	9894.	20.000 PPB	0.95
6	264	1778	29:38	6	1.000	A BB	10049.	20.000 PPB	0.95
7	112	434	7:14	1	0.736	A BB	9626.	25.000 PPB	1.19
8	99	549	9:09	1	0.931	A BB	12826.	25.000 PPB	1.19
9	82	661	11:01	2	0.887	A BB	11221.	25.000 PPB	1.19
10	172	875	14:35	3	0.911	A BB	15248.	25.000 PPB	1.19
11	330	1055	17:35	3	1.099	A BB	1678.	25.000 PPB	1.19
12	244	1327	22:07	5	0.901	A BB	9779.	25.000 PPB	1.19
13	132	567	9:27	1	0.961	A BB	10053.	25.000 PPB	1.19
14	152	614	10:14	1	1.041	A BB	6369.	25.000 PPB	1.19
15	94	550	9:10	1	0.932	A BB	15697.	25.000 PPB	1.19
16	93	560	9:20	1	0.949	A VB	15091.	25.000 PPB	1.19
17	128	569	9:29	1	0.964	A BB	10445.	25.000 PPB	1.19
18	146	586	9:46	1	0.993	A BV	11447.	25.000 PPB	1.19
19	146	592	9:52	1	1.003	A VB	11668.	25.000 PPB	1.19
20	93	556	9:16	1	0.942	A BV	15155.	25.000 PPB	1.19
21	74	258	4:18	1	0.437	A BB	5330.	25.000 PPB	1.19
22	79	258	4:18	1	0.437	A BV	5203.	25.000 PPB	1.19
23	108	609	10:09	1	1.032	A BV	7016.	25.000 PPB	1.19
24	146	616	10:16	1	1.044	A BB	10887.	25.000 PPB	1.19
25	108	620	10:20	1	1.051	A VB	10453.	25.000 PPB	1.19
26	45	626	10:26	1	1.061	A BB	14000.	25.000 PPB	1.19
27	108	639	10:39	1	1.083	A BB	10625.	25.000 PPB	1.19
28	70	643	10:43	1	1.090	A BB	8510.	25.000 PPB	1.19
29	117	653	10:53	1	1.107	A BB	4783.	25.000 PPB	1.19
30	77	664	11:04	2	0.891	A BB	12315.	25.000 PPB	1.19
31	82	690	11:30	2	0.926	A BB	24798.	25.000 PPB	1.19
32	139	702	11:42	2	0.942	A BB	7322.	25.000 PPB	1.19
33	107	702	11:42	2	0.942	A BB	7952.	25.000 PPB	1.19
34	122	711	11:51	2	0.954	A BB	3965.	25.000 PPB	1.19
35	93	713	11:53	2	0.957	A BB	15578.	25.000 PPB	1.19
36	162	729	12:09	2	0.979	A BB	7094.	25.000 PPB	1.19
37	180	740	12:20	2	0.993	A BB	8046.	25.000 PPB	1.19
38	128	748	12:28	2	1.004	A BB	30399.	25.000 PPB	1.19
39	127	757	12:37	2	1.016	A BB	5436.	25.000 PPB	1.19
40	225	767	12:47	2	1.030	A BB	4338.	25.000 PPB	1.19
41	107	808	13:28	2	1.085	A BB	7022.	25.000 PPB	1.19
42	142	831	13:51	2	1.115	A BB	19123.	25.000 PPB	1.19
43	237	857	14:17	3	0.893	A BB	2646.	25.000 PPB	1.19
44	196	865	14:25	3	0.901	A BV	4069.	25.000 PPB	1.19
45	196	870	14:30	3	0.906	A VB	3915.	25.000 PPB	1.19
46	162	890	14:50	3	0.927	A BB	14785.	25.000 PPB	1.19
47	65	904	15:04	3	0.942	A BB	4515.	25.000 PPB	1.19
48	163	925	15:25	3	0.964	A BB	14177.	25.000 PPB	1.19
49	152	943	15:43	3	0.982	A BB	22686.	25.000 PPB	1.19
50	138	954	15:54	3	0.994	A BB	1447.	25.000 PPB	1.19

C5022095A

300509

Data Subj: No Validation

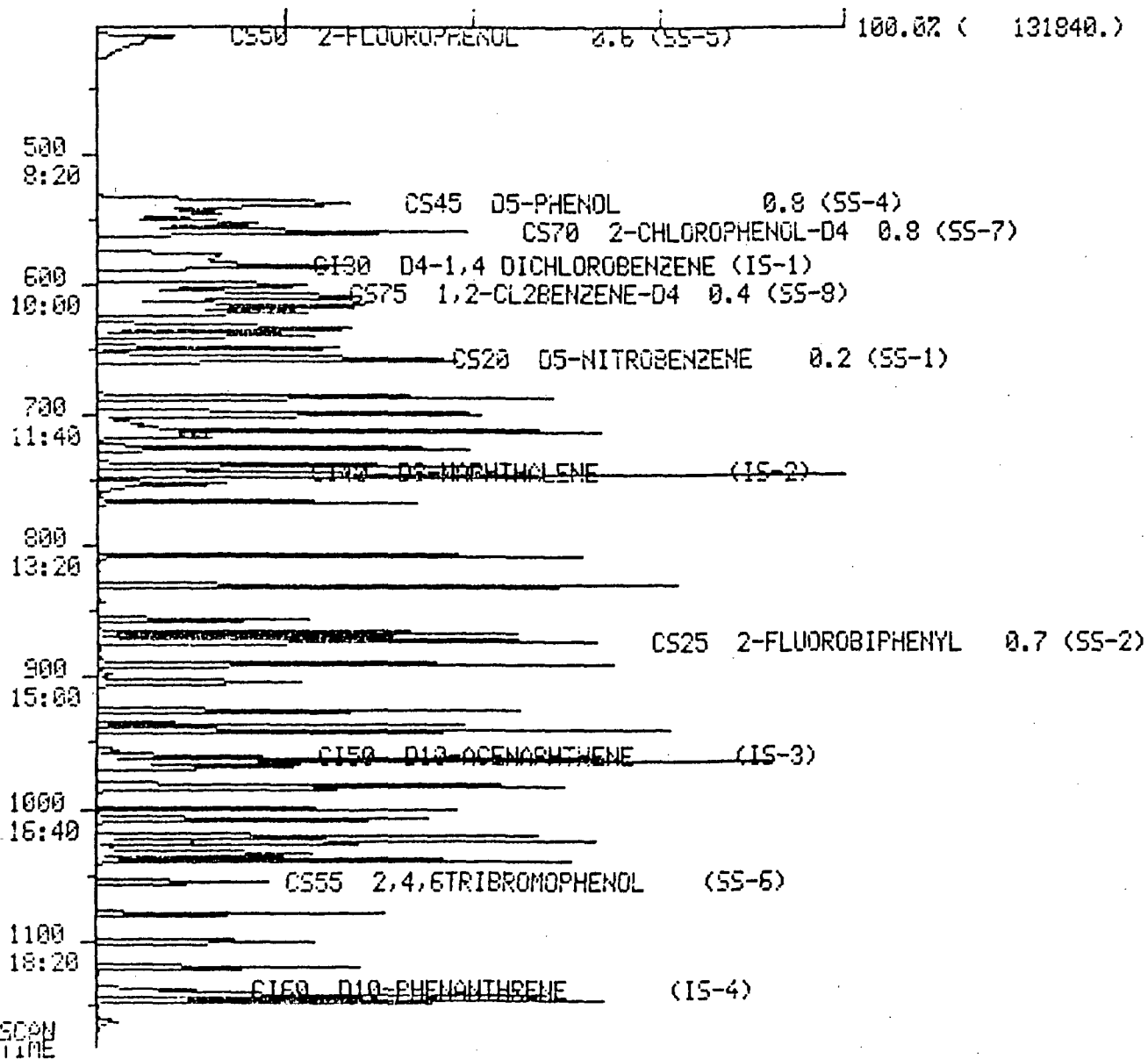
No	Ret(L)	Ratio	RRT(L)	Ratio	Amnt	Amnt(L)	R. Fac	R. Fac(L)	Ratio
78	24:38	1.00	1.003	1.00	25.00	25.00	1.037	1.037	1.00
79	26:00	1.00	0.877	1.00	25.00	25.00	1.441	1.441	1.00
80	27:57	1.00	0.943	1.00	25.00	25.00	0.949	0.949	1.00
81	28:04	1.00	0.947	1.00	25.00	25.00	0.996	0.996	1.00
82	29:21	1.00	0.990	1.00	25.00	25.00	0.914	0.914	1.00
83	35:42	1.00	1.205	1.00	25.00	25.00	1.044	1.044	1.00
84	35:43	1.00	1.205	1.00	25.00	25.00	0.848	0.848	1.00
85	37:34	1.00	1.268	1.00	25.00	25.00	0.882	0.882	1.00

03022095K

300510

Date: 11/10/10

DATA FROM FILE: CS022095B SCANS 403 TO 1193 ACQUIRED: 02/20/95 10:35:00
 CALI: CS022095B #1
 SAMPLE: SSTD160 290-12-SV80
 CONDS.: 0.25 X 30M RTX-5 1.0UM 45/4-300012 INST C



REVIEWED
 FEB 20 1995

Date Subject To Validation

300511

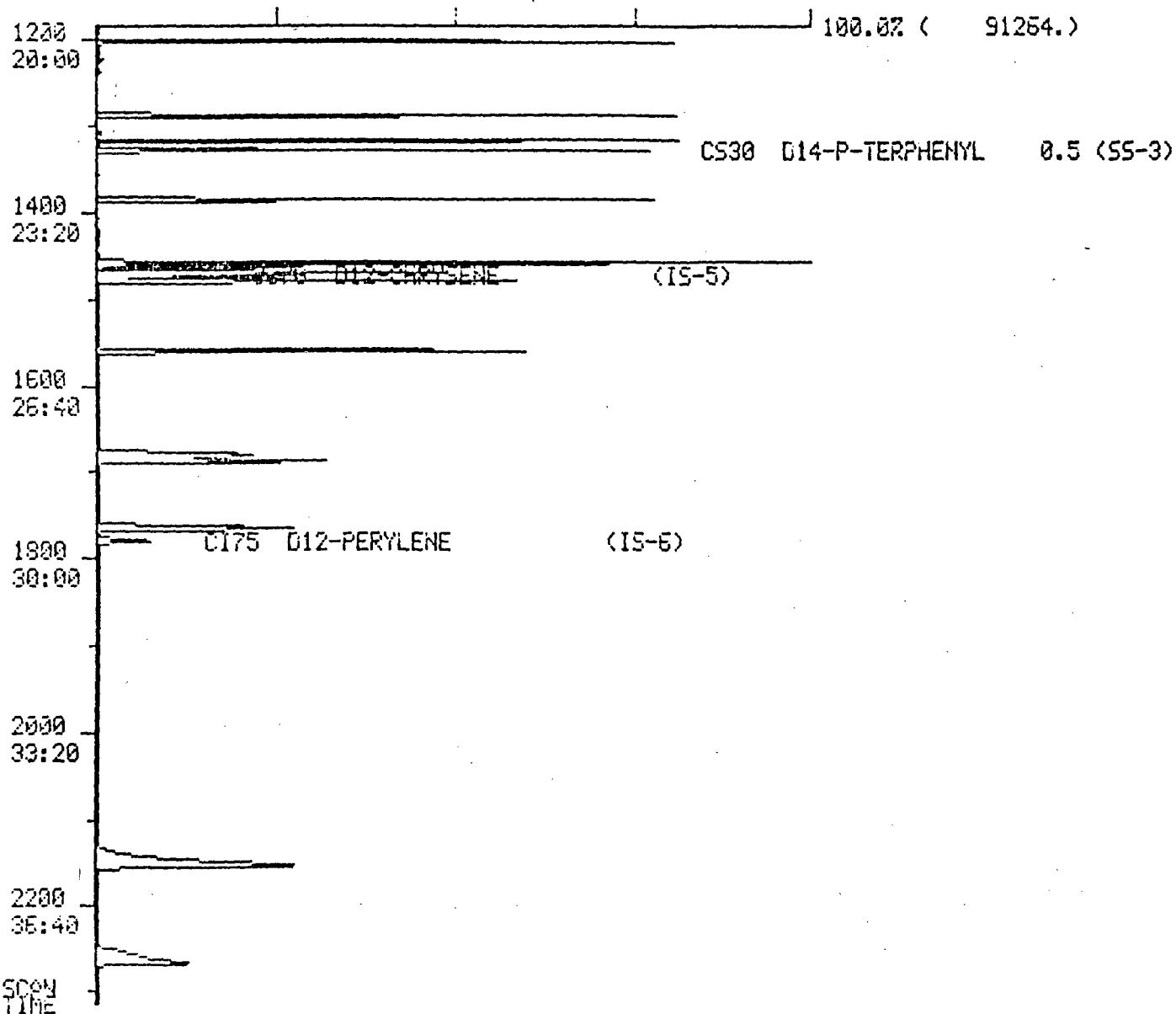
DATA FROM FILE: C5022095B

SCANS 1183 TO 2315 ACQUIRED: 02/20/95 10:35:00

CALI: C5022095B #1

SAMPLE: SSTD160 290-12-SU80

CONDS.: 0.25 X 30M RTX-5 1.0UM 45/4-300@12 INST C



Quantitation Report File: CS022095B

Data: CS022095B.TI

02/20/95 10:35:00

Sample: SSTD160 290-12-SV80

Conds.: 0.25 X 30M RTX-5 1.0UM 45/4-300@12

Formula: Instrument: C

Submitted by: Analyst: SRA

INST C

Weight: 1.001

Acct. No.:

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

Resp. fac. from Library Entry

No	Name	
1	CI30 D4-1,4 DICHLOROBENZENE (IS-1)	
2	CI40 DB-NAPHTHALENE (IS-2)	
3	CI50 D10-ACENAPHTHENE (IS-3)	
4	CI60 D10-PHENANTHRENE (IS-4)	
5	CI70 D12-CHRYSENE (IS-5)	
6	CI75 D12-PERYLENE (IS-6)	
7	CS50 2-FLUOROPHENOL 0.6 (SS-5)	
8	CS45 D5-PHENOL 0.8 (SS-4)	
9	CS20 D5-NITROBENZENE 0.2 (SS-1)	
10	CS25 2-FLUOROBIPHENYL 0.7 (SS-2)	
11	CS55 2,4,6TRIBROMOPHENOL (SS-6)	
12	CS30 D14-P-TERPHENYL 0.5 (SS-3)	
13	CS70 2-CHLOROPHENOL-D4 0.8 (SS-7)	
14	CS75 1,2-CL2BENZENE-D4 0.4 (SS-8)	
15	C315 *PHENOL 0.8	
16	C325 BIS(2CHLOROETHYL)E 0.7	
17	C330 2CHLOROPHENOL 0.8	
18	C335 1,3DICHLOROBENZENE 0.6	
19	C340 *1,4DICHLOROBENZENE 0.5 T	
20	C320 ANILINE	
21	C345 BENZYL ALCOHOL	
22	C350 1,2DICHLOROBENZENE 0.4	
23	C355 2METHYLPHENOL 0.7 T	
24	C357 2,2'OXYBIS(1CHLOROPR	
25	C365 4METHYLPHENOL 0.6 T	
26	C370 &NITROSOPROPYLAMINE 0.5	
27	C375 HEXACHLOROETHANE 0.3 T	
28	C410 NITROBENZENE 0.2 T	
29	C415 ISOPHORONE 0.4	
30	C420 *2-NITROPHENOL 0.1	
31	C425 2,4-DIMETHYLPHENOL 0.2	
32	C435 BIS(2CHLOROETHOXY) 0.3	
33	C440 *2,4DICHLOROPHENOL 0.2	
34	C445 1,2,4TRICHLOROBENZ 0.2	
35	C450 NAPHTHALENE 0.7	
36	C455 4-CHLOROANILINE	
37	C460 *CL6BUTADIENE T	
38	C465 *4CHLORO3METHYLPHEN 0.2	
39	C470 2METHYLNAPHTHALENE 0.4	
40	C510 &CL6CYCLOPENTADIENE	
41	C515 *246TRICHLOROPHNEOL 0.2 T	
42	C520 2,4,5TRICHLOROPHEN 0.2 T	
43	C525 2CHLORONAPHTHALENE 0.8	
44	C530 2-NITROANILINE	
45	C535 DIMETHYL PHTHALATE	
46	C540 ACENAPHTHYLENE 1.3	
47	C545 3-NITROANILINE	

300513

Data Subject to Validation

No Name
 48 C550 *ACENAPHTHENE 0.8
 49 C321 2,3,4,6-TETRACHLOROPHENOL
 50 C555 &2,4DINITROPHENOL

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
1	152	583	9:43	1	1.000	A BB	7200.	20.000 PPB	0.31
2	136	742	12:22	2	1.000	A BB	28579.	20.000 PPB	0.31
3	164	959	15:59	3	1.000	A BB	13765.	20.000 PPB	0.31
4	188	1137	18:57	4	1.000	A BB	13935.	20.000 PPB	0.31
5	240	1471	24:31	5	1.000	A BB	12620.	20.000 PPB	0.31
6	264	1778	29:38	6	1.000	A BB	12191.	20.000 PPB	0.31
7	112	409	6:49	1	0.702	A BB	34249.	80.000 PPB	1.24
8	99	536	8:56	1	0.919	A BB	47125.	80.000 PPB	1.24
9	82	655	10:55	2	0.883	A BB	44209.	80.000 PPB	1.24
10	172	872	14:32	3	0.909	A BB	55297.	80.000 PPB	1.24
11	330	1054	17:34	3	1.099	A BB	5936.	80.000 PPB	1.24
12	244	1326	22:06	5	0.901	A BB	39966.	80.000 PPB	1.24
13	132	558	9:18	1	0.957	A BB	36247.	80.000 PPB	1.24
14	152	606	10:06	1	1.039	A BB	23588.	80.000 PPB	1.24
15	94	538	8:58	1	0.923	A BV	54288.	80.000 PPB	1.24
16	93	552	9:12	1	0.947	A VB	46074.	80.000 PPB	1.24
17	128	559	9:19	1	0.959	A BB	36823.	80.000 PPB	1.24
18	146	576	9:36	1	0.988	A BV	37766.	80.000 PPB	1.24
19	146	585	9:45	1	1.003	A VB	39063.	80.000 PPB	1.24
20	93	544	9:04	1	0.933	A BV	50796.	80.000 PPB	1.24
21	108	600	10:00	1	1.029	A BB	26602.	80.000 PPB	1.24
22	146	609	10:09	1	1.045	A BB	36600.	80.000 PPB	1.24
23	108	615	10:15	1	1.055	A VB	38225.	80.000 PPB	1.24
24	45	620	10:20	1	1.063	A BB	50422.	80.000 PPB	1.24
25	108	632	10:32	1	1.084	A BB	40854.	80.000 PPB	1.24
26	70	638	10:38	1	1.094	A BB	29706.	80.000 PPB	1.24
27	117	647	10:47	1	1.110	A BB	16599.	80.000 PPB	1.24
28	77	657	10:57	2	0.885	A BB	43251.	80.000 PPB	1.24
29	82	685	11:25	2	0.923	A BB	87042.	80.000 PPB	1.24
30	139	697	11:37	2	0.939	A BV	20050.	80.000 PPB	1.24
31	107	699	11:39	2	0.942	A BB	31379.	80.000 PPB	1.24
32	93	711	11:51	2	0.958	A BB	53496.	80.000 PPB	1.24
33	162	724	12:04	2	0.976	A BB	27439.	80.000 PPB	1.24
34	180	737	12:17	2	0.993	A BB	26701.	80.000 PPB	1.24
35	128	745	12:25	2	1.004	A BV	103988.	80.000 PPB	1.24
36	127	751	12:31	2	1.012	A VV	22925.	80.000 PPB	1.24
37	225	765	12:45	2	1.031	A BB	14649.	80.000 PPB	1.24
38	107	807	13:27	2	1.088	A BB	30197.	80.000 PPB	1.24
39	142	829	13:49	2	1.117	A BB	63559.	80.000 PPB	1.24
40	237	855	14:15	3	0.892	A BB	11281.	80.000 PPB	1.24
41	196	865	14:25	3	0.902	A BV	16156.	80.000 PPB	1.24
42	196	869	14:29	3	0.906	A VB	15810.	80.000 PPB	1.24
43	162	889	14:49	3	0.927	A BB	50254.	80.000 PPB	1.24
44	65	903	15:03	3	0.942	A BB	17690.	80.000 PPB	1.24
45	163	925	15:25	3	0.965	A BB	51142.	80.000 PPB	1.24
46	152	940	15:40	3	0.980	A BB	75091.	80.000 PPB	1.24
47	138	954	15:54	3	0.995	A BB	1819.	80.000 PPB	1.24
48	153	963	16:03	3	1.004	A BB	44870.	80.000 PPB	1.24
49	232	999	16:39	3	1.042	A BB	12780.	80.000 PPB	1.24
50	184	965	16:05	3	1.006	A BB	7604.	80.000 PPB	1.24

300514

Data Subject To Validation

C50220958

No	Ret(L)	Ratio	RRT(L)	Ratio	Amnt	Amnt(L)	R. Fac	R. Fac(L)	Ratio
1	9:43	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
2	12:22	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
3	15:59	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
4	18:57	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
5	24:31	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
6	29:38	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
7	6:49	1.00	0.702	1.00	80.00	80.00	1.189	1.189	1.00
8	8:56	1.00	0.919	1.00	80.00	80.00	1.636	1.636	1.00
9	10:55	1.00	0.883	1.00	80.00	80.00	0.387	0.387	1.00
10	14:32	1.00	0.909	1.00	80.00	80.00	1.004	1.004	1.00
11	17:34	1.00	1.099	1.00	80.00	80.00	0.108	0.108	1.00
12	22:06	1.00	0.901	1.00	80.00	80.00	0.792	0.792	1.00
13	9:18	1.00	0.957	1.00	80.00	80.00	1.259	1.259	1.00
14	10:06	1.00	1.039	1.00	80.00	80.00	0.819	0.819	1.00
15	8:58	1.00	0.923	1.00	80.00	80.00	1.885	1.885	1.00
16	9:12	1.00	0.947	1.00	80.00	80.00	1.600	1.600	1.00
17	9:19	1.00	0.959	1.00	80.00	80.00	1.279	1.279	1.00
18	9:36	1.00	0.988	1.00	80.00	80.00	1.311	1.311	1.00
19	9:45	1.00	1.003	1.00	80.00	80.00	1.356	1.356	1.00
20	9:04	1.00	0.933	1.00	80.00	80.00	1.764	1.764	1.00
21	10:00	1.00	1.029	1.00	80.00	80.00	0.924	0.924	1.00
22	10:09	1.00	1.045	1.00	80.00	80.00	1.271	1.271	1.00
23	10:15	1.00	1.055	1.00	80.00	80.00	1.327	1.327	1.00
24	10:20	1.00	1.063	1.00	80.00	80.00	1.751	1.751	1.00
25	10:32	1.00	1.084	1.00	80.00	80.00	1.419	1.419	1.00
26	10:38	1.00	1.094	1.00	80.00	80.00	1.031	1.031	1.00
27	10:47	1.00	1.110	1.00	80.00	80.00	0.576	0.576	1.00
28	10:57	1.00	0.885	1.00	80.00	80.00	0.378	0.378	1.00
29	11:25	1.00	0.923	1.00	80.00	80.00	0.761	0.761	1.00
30	11:37	1.00	0.939	1.00	80.00	80.00	0.175	0.175	1.00
31	11:39	1.00	0.942	1.00	80.00	80.00	0.274	0.274	1.00
32	11:51	1.00	0.958	1.00	80.00	80.00	0.468	0.468	1.00
33	12:04	1.00	0.976	1.00	80.00	80.00	0.240	0.240	1.00
34	12:17	1.00	0.993	1.00	80.00	80.00	0.234	0.234	1.00
35	12:25	1.00	1.004	1.00	80.00	80.00	0.910	0.910	1.00
36	12:31	1.00	1.012	1.00	80.00	80.00	0.201	0.201	1.00
37	12:45	1.00	1.031	1.00	80.00	80.00	0.128	0.128	1.00
38	13:27	1.00	1.088	1.00	80.00	80.00	0.264	0.264	1.00
39	13:49	1.00	1.117	1.00	80.00	80.00	0.556	0.556	1.00
40	14:15	1.00	0.892	1.00	80.00	80.00	0.205	0.205	1.00
41	14:25	1.00	0.902	1.00	80.00	80.00	0.293	0.293	1.00
42	14:29	1.00	0.906	1.00	80.00	80.00	0.287	0.287	1.00
43	14:49	1.00	0.927	1.00	80.00	80.00	0.913	0.913	1.00
44	15:03	1.00	0.942	1.00	80.00	80.00	0.321	0.321	1.00
45	15:25	1.00	0.965	1.00	80.00	80.00	0.929	0.929	1.00
46	15:40	1.00	0.980	1.00	80.00	80.00	1.364	1.364	1.00
47	15:54	1.00	0.995	1.00	80.00	80.00	0.033	0.033	1.00
48	16:03	1.00	1.004	1.00	80.00	80.00	0.815	0.815	1.00
49	16:39	1.00	1.042	1.00	80.00	80.00	0.232	0.232	1.00
50	16:05	1.00	1.006	1.00	80.00	80.00	0.138	0.138	1.00

0502209573

300515

Data Subject To Validation

Quantitation Report File: CS022095B

Data: CS022095B.TI

02/20/95 10:35:00

Sample: SSTD160 290-12-SV80

Conds.: 0.25 X 30M RTX-5 1.0UM 45/4-300@12

Formula: Instrument: C

Submitted by: Analyst: SRA

INST C

Weight: 1.001

Acct. No.:

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

= Resp. fac. from Library Entry

No	Name	
51	C560	8,4-NITROPHENOL
52	C565	DIBENZOFURAN 0.8
53	C570	2,4-DINITROTOLUENE 0.2 T
54	C543	2,6-DINITROTOLUENE 0.2
55	C580	DIETHYL PHTHALATE
56	C585	4-CHLOROPHENYL PHEN 0.4
57	C590	FLUORENE 0.9
58	C595	4-NITROANILINE
59	C610	4,6-DINITRO2METHYLPH
60	C615	*DIPHENYLAMINE
61	C625	4-BROMOPHENYL PHENY 0.1
62	C630	CL6BENZENE 0.1 T
63	C635	*PENTACHLOROPHENOL 0.05 T
64	C640	PHENANTHRENE 0.7
65	C645	ANTHRACENE 0.7
66	C650	DI-NBUTYLPHTHALATE
67	C655	*FLUORANTHENE 0.6
68	D200	1,2-DIPHENYLHYDRAZINE
69	C647	CARBAZOLE
70	C715	PYRENE 0.6
71	C720	BUTYLBENZYLPHTHALATE
72	C725	3,3'-CL2BENZIDINE
73	C730	BENZO(A)ANTHRACENE 0.8
74	C740	BIS(2ETHYLHEXYL)PHTH
75	C735	CHRYSENE 0.7
76	C760	*DI-N-OCTYLPHTHALATE
77	C765	BENZO(B)FLUORANTHE 0.7
78	C770	BENZO(K)FLUORANTHE 0.7
79	C775	*BENZO(A)PYRENE 0.7
80	C780	INDENO(1,2,3CD)PYR 0.5
81	C785	DIBENZO(A,H)ANTHRA 0.4
82	C790	BENZO(G,H,I)PERYLE 0.5
83	C430	BENZOIC ACID
84	C310	N-NITROSODIMETHYLAMINE
85	C319	PYRIDINE T

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
51	109	968	16:08	3	1.009	A BB	8118.	80.000 PPB	1.24
52	168	982	16:22	3	1.024	A BB	63357.	80.000 PPB	1.24
53	165	984	16:24	3	1.026	A BB	15734.	80.000 PPB	1.24
54	165	935	15:35	3	0.975	A BB	13032.	80.000 PPB	1.24
55	149	1007	16:47	3	1.050	A BB	48148.	80.000 PPB	1.24
56	204	1020	17:00	3	1.064	A BB	23859.	80.000 PPB	1.24
57	166	1024	17:04	3	1.068	A BB	51904.	80.000 PPB	1.24
58	138	1028	17:08	3	1.072	A VB	2947.	80.000 PPB	1.24

Data Subject To Validation

300516

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
59	198	1032	17:12	4	0.908	A BB	8978.	80.000 PPB	1.24
60	169	1033	17:13	4	0.909	A BB	17144.	80.000 PPB	1.24
61	248	1078	17:58	4	0.948	A BB	11967.	80.000 PPB	1.24
62	284	1099	18:19	4	0.967	A BB	12299.	80.000 PPB	1.24
63	266	1120	18:40	4	0.985	A BB	9609.	80.000 PPB	1.24
64	178	1141	19:01	4	1.004	A BV	60657.	80.000 PPB	1.24
65	178	1146	19:06	4	1.008	A VB	63435.	80.000 PPB	1.24
66	149	1199	19:59	4	1.055	A BB	81587.	80.000 PPB	1.24
67	202	1286	21:26	4	1.131	A BB	60836.	80.000 PPB	1.24
68	77	1038	17:18	4	0.913	A BB	78484.	80.000 PPB	1.24
69	167	1162	19:22	4	1.022	A BV	6279.	80.000 PPB	1.24
70	202	1315	21:55	5	0.894	A BV	61464.	80.000 PPB	1.24
71	149	1383	23:03	5	0.940	A BB	34430.	80.000 PPB	1.24
72	252	1460	24:20	5	0.993	A BB	11658.	80.000 PPB	1.24
73	228	1468	24:28	5	0.998	A BV	53578.	80.000 PPB	1.24
74	149	1456	24:16	5	0.990	A BB	48015.	80.000 PPB	1.24
75	228	1477	24:37	5	1.004	A VB	50474.	80.000 PPB	1.24
76	149	1558	25:58	6	0.876	A BB	80098.	80.000 PPB	1.24
77	252	1678	27:58	6	0.944	A BV	55455.	80.000 PPB	1.24
78	252	1686	28:06	6	0.948	A VB	42051.	80.000 PPB	1.24
79	252	1763	29:23	6	0.992	A BB	45235.	80.000 PPB	1.24
80	276	2151	35:51	6	1.210	A BB	47847.	80.000 PPB	1.24
81	278	2153	35:53	6	1.211	A BB	44267.	80.000 PPB	1.24
82	276	2264	37:44	6	1.273	M XX	43990.	80.000 PPB	1.24
83	122	716	11:56	2	0.965	A VV	23061.	80.000 PPB	1.24
84	74	217	3:37	1	0.372	M XX	26430.	80.000 PPB	1.24
85	79	217	3:37	1	0.372	M XX	29721.	80.000 PPB	1.24

No	Ret(L)	Ratio	RRT(L)	Ratio	Amnt	Amnt(L)	R. Fac	R. Fac(L)	Ratio
51	16:08	1.00	1.009	1.00	80.00	80.00	0.147	0.147	1.00
52	16:22	1.00	1.024	1.00	80.00	80.00	1.151	1.151	1.00
53	16:24	1.00	1.026	1.00	80.00	80.00	0.286	0.286	1.00
54	15:35	1.00	0.975	1.00	80.00	80.00	0.237	0.237	1.00
55	16:47	1.00	1.050	1.00	80.00	80.00	0.874	0.874	1.00
56	17:00	1.00	1.064	1.00	80.00	80.00	0.433	0.433	1.00
57	17:04	1.00	1.068	1.00	80.00	80.00	0.943	0.943	1.00
58	17:08	1.00	1.072	1.00	80.00	80.00	0.054	0.054	1.00
59	17:12	1.00	0.908	1.00	80.00	80.00	0.161	0.161	1.00
60	17:13	1.00	0.909	1.00	80.00	80.00	0.308	0.308	1.00
61	17:58	1.00	0.948	1.00	80.00	80.00	0.215	0.215	1.00
62	18:19	1.00	0.967	1.00	80.00	80.00	0.221	0.221	1.00
63	18:40	1.00	0.985	1.00	80.00	80.00	0.172	0.172	1.00
64	19:01	1.00	1.004	1.00	80.00	80.00	1.088	1.088	1.00
65	19:06	1.00	1.008	1.00	80.00	80.00	1.138	1.138	1.00
66	19:59	1.00	1.055	1.00	80.00	80.00	1.464	1.464	1.00
67	21:26	1.00	1.131	1.00	80.00	80.00	1.091	1.091	1.00
68	17:18	1.00	0.913	1.00	80.00	80.00	1.408	1.408	1.00
69	19:22	1.00	1.022	1.00	80.00	80.00	0.113	0.113	1.00
70	21:55	1.00	0.894	1.00	80.00	80.00	1.218	1.218	1.00
71	23:03	1.00	0.940	1.00	80.00	80.00	0.682	0.682	1.00
72	24:20	1.00	0.993	1.00	80.00	80.00	0.231	0.231	1.00
73	24:28	1.00	0.998	1.00	80.00	80.00	1.061	1.061	1.00
74	24:16	1.00	0.990	1.00	80.00	80.00	0.951	0.951	1.00
75	24:37	1.00	1.004	1.00	80.00	80.00	1.000	1.000	1.00
76	25:58	1.00	0.876	1.00	80.00	80.00	1.643	1.643	1.00
77	27:58	1.00	0.944	1.00	80.00	80.00	1.137	1.137	1.00

CS0220958

Data Subject To Validation
300517

No	Ret(L)	Ratio	RRT(L)	Ratio	Amnt	Amnt(L)	R. Fac	R. Fac(L)	Ratio
78	28:06	1.00	0.948	1.00	80.00	80.00	0.862	0.862	1.00
79	29:23	1.00	0.992	1.00	80.00	80.00	0.928	0.928	1.00
80	35:51	1.00	1.210	1.00	80.00	80.00	0.981	0.981	1.00
81	35:53	1.00	1.211	1.00	80.00	80.00	0.908	0.908	1.00
82	37:44	1.00	1.273	1.00	80.00	80.00	0.902	0.902	1.00
83	11:56	1.00	0.965	1.00	80.00	80.00	0.202	0.202	1.00
84	3:37	1.00	0.372	1.00	80.00	80.00	0.918	0.918	1.00
85	3:37	1.00	0.372	1.00	80.00	80.00	1.032	1.032	1.00

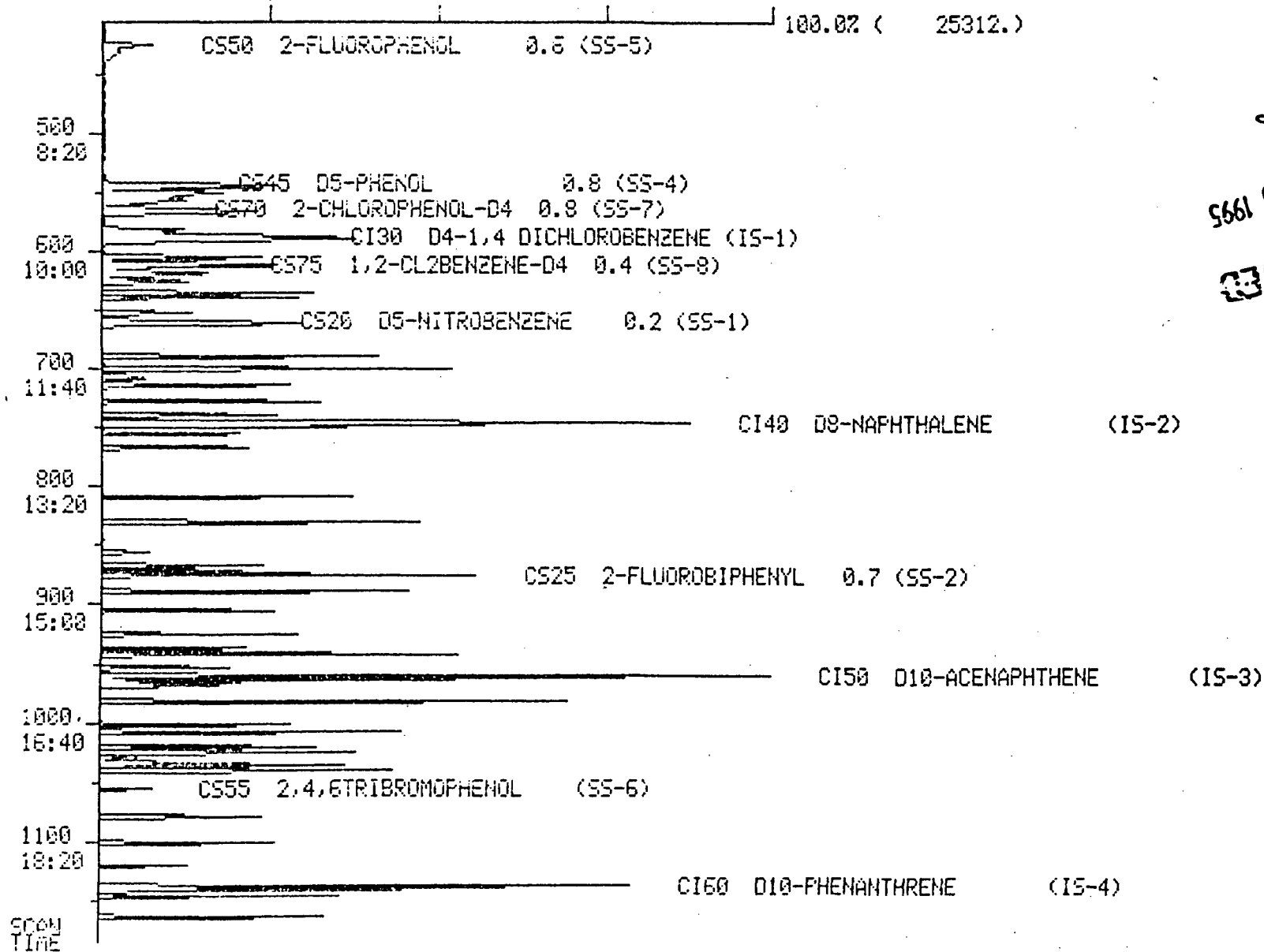
CS02209P

300518

Data subject to Validation

DATA FROM FILE: C5022095C SCANS 405 TO 1185 ACQUIRED: 02/26/95 11:20:00
CALI: C5022095C #1
SAMPLE: SST0020 290-12-SU10
CONDS.: 0.25 X 30M RTX-5 1.0UM 45/4-380@12 INST C

REVIEWED
FEB 20 1995



Date Subject T-Validation

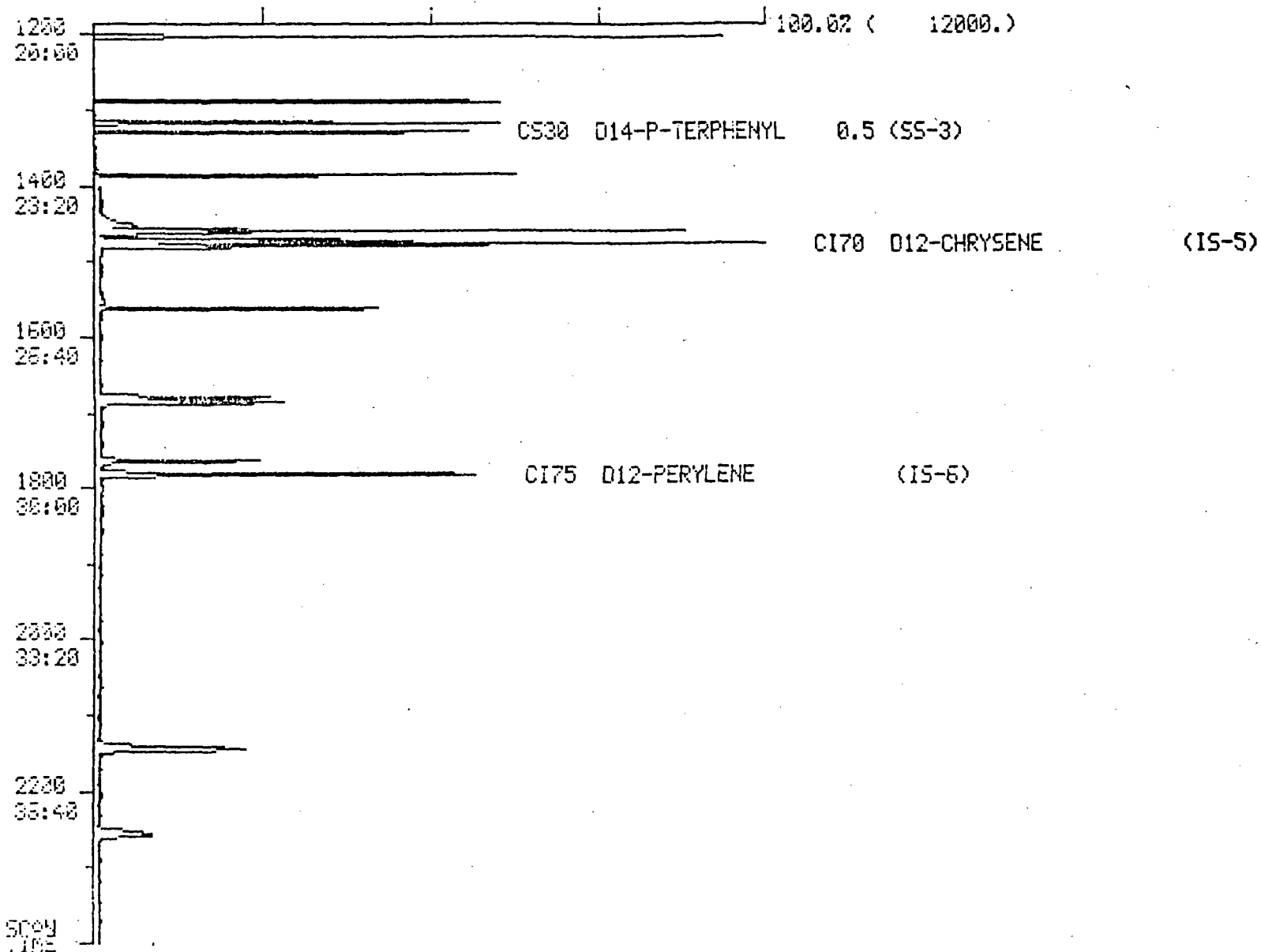
300519

SCANS 1185 TO 2400 ACQUIRED: 02/28/95 11:20:00

CALI: C5022095C #1

SAMPLE: S5TD020 290-12-SU10

COND5.: 0.25 X 30M RTX-5 1.0UM 45/4-300@12 INST C



Data Subject To Validation

300520

Quantitation Report File: CS022095C

Data: CS022095C.TI

2/20/95 11:20:00

Sample: SST020 290-12-SV10

Conds.: 0.25 X 30M RTX-5 1.0UM 45/4-300@12

Formula: Instrument: C

Submitted by: Analyst: SRA

INST C

Weight: 1.001

Acct. No.:

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

Resp. fac. from Library Entry

No	Name	
1	CI30 D4-1,4 DICHLOROBENZENE (IS-1)	
2	CI40 D8-NAPHTHALENE (IS-2)	
3	CI50 D10-ACENAPHTHENE (IS-3)	
4	CI60 D10-PHENANTHRENE (IS-4)	
5	CI70 D12-CHRYSENE (IS-5)	
6	CI75 D12-PERYLENE (IS-6)	
7	CS45 D5-PHENOL 0.8 (SS-4)	
8	CS20 D5-NITROBENZENE 0.2 (SS-1)	
9	CS25 2-FLUOROBIPHENYL 0.7 (SS-2)	
10	CS30 D14-P-TERPHENYL 0.5 (SS-3)	
11	CS70 2-CHLOROPHENOL-D4 0.8 (SS-7)	
12	CS75 1,2-CL2BENZENE-D4 0.4 (SS-8)	
13	C315 *PHENOL 0.8	
14	C330 2CHLOROPHENOL 0.8	
15	C335 1,3DICHLOROBENZENE 0.6	
16	C340 *1,4DICHLOROBENZENE 0.5 T	
17	C345 BENZYL ALCOHOL	
18	C350 1,2DICHLOROBENZENE 0.4	
19	C355 2METHYLPHENOL 0.7 T	
20	C357 2,2'OXYBIS(1CHLOROPR	
21	C365 4METHYLPHENOL 0.6 T	
22	C370 &NITROSOPROPYLAMINE 0.5	
23	C375 HEXACHLOROETHANE 0.3 T	
24	C410 NITROBENZENE 0.2 T	
25	C415 ISOPHORONE 0.4	
26	C420 *2-NITROPHENOL 0.1	
27	C425 2,4-DIMETHYLPHENOL 0.2	
28	C435 BIS(2CHLOROETHOXY) 0.3	
29	C440 *2,4DICHLOROPHENOL 0.2	
30	C445 1,2,4TRICHLOROBENZ 0.2	
31	C450 NAPHTHALENE 0.7	
32	C455 4-CHLOROANILINE	
33	C460 *CL6BUTADIENE T	
34	C465 *4CHLORO3METHYLPHEN 0.2	
35	C470 2METHYLNAPHTHALENE 0.4	
36	C510 &CL6CYCLOPENTADIENE	
37	C515 *246TRICHLOROPHNEOL 0.2 T	
38	C520 2,4,5TRICHLOROPHEN 0.2 T	
39	C525 2CHLORONAPHTHALENE 0.8	
40	C530 2-NITROANILINE	
41	C535 DIMETHYL PHTHALATE	
42	C540 ACENAPHTHYLENE 1.3	
43	C545 3-NITROANILINE	
44	C550 *ACENAPHTHENE 0.8	
45	C321 2,3,4,6-TETRACHLOROPHENOL	
46	C555 &2,4DINITROPHENOL	
47	C560 &4NITROPHENOL	

300521

Data Subject To Validation

No	Name		
48	C565	DIBENZOFURAN	0.8
49	C570	2,4DINITROTOLUENE	0.2 T
50	C543	2,6DINITROTOLUENE	0.2

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
1	152	585	9:45	1	1.000	A BB	6246.	20.000 PPB	2.20
2	136	744	12:24	2	1.000	A BB	24826.	20.000 PPB	2.20
3	164	959	15:59	3	1.000	A BB	13146.	20.000 PPB	2.20
4	188	1137	18:57	4	1.000	A BB	13330.	20.000 PPB	2.20
5	240	1473	24:33	5	1.000	A BB	11594.	20.000 PPB	2.20
6	264	1780	29:40	6	1.000	A BB	11728.	20.000 PPB	2.20
7	99	541	9:01	1	0.925	A BB	5540.	10.000 PPB	1.10
8	82	658	10:58	2	0.884	A BB	4892.	10.000 PPB	1.10
9	172	874	14:34	3	0.911	A BB	7230.	10.000 PPB	1.10
10	244	1326	22:06	5	0.900	A BB	5215.	10.000 PPB	1.10
11	132	562	9:22	1	0.961	A BB	4035.	10.000 PPB	1.10
12	152	609	10:09	1	1.041	A BB	2622.	10.000 PPB	1.10
13	94	543	9:03	1	0.928	A BB	6764.	10.000 PPB	1.10
14	128	564	9:24	1	0.964	A BB	4198.	10.000 PPB	1.10
15	146	580	9:40	1	0.991	A BV	4376.	10.000 PPB	1.10
16	146	589	9:49	1	1.007	A VB	4227.	10.000 PPB	1.10
17	108	604	10:04	1	1.032	A BB	2800.	10.000 PPB	1.10
18	146	611	10:11	1	1.044	A BB	4060.	10.000 PPB	1.10
19	108	617	10:17	1	1.055	A BB	4274.	10.000 PPB	1.10
20	45	624	10:24	1	1.067	A BB	5589.	10.000 PPB	1.10
21	108	634	10:34	1	1.084	A BB	4455.	10.000 PPB	1.10
22	70	638	10:38	1	1.091	A BB	3264.	10.000 PPB	1.10
23	117	651	10:51	1	1.113	A BB	1763.	10.000 PPB	1.10
24	77	660	11:00	2	0.887	A BB	4982.	10.000 PPB	1.10
25	82	688	11:28	2	0.925	A BB	9627.	10.000 PPB	1.10
26	139	698	11:38	2	0.938	A BB	2541.	10.000 PPB	1.10
27	107	698	11:38	2	0.938	A BB	3305.	10.000 PPB	1.10
28	93	712	11:52	2	0.957	A BB	5871.	10.000 PPB	1.10
29	162	726	12:06	2	0.976	A BB	2905.	10.000 PPB	1.10
30	180	737	12:17	2	0.991	A BB	3084.	10.000 PPB	1.10
31	128	747	12:27	2	1.004	A BB	12457.	10.000 PPB	1.10
32	127	753	12:33	2	1.012	A BB	3555.	10.000 PPB	1.10
33	225	765	12:45	2	1.028	A BB	1599.	10.000 PPB	1.10
34	107	808	13:28	2	1.086	A BB	3227.	10.000 PPB	1.10
35	142	829	13:49	2	1.114	A BB	7734.	10.000 PPB	1.10
36	237	854	14:14	3	0.891	A BB	817.	10.000 PPB	1.10
37	196	866	14:26	3	0.903	A BB	1744.	10.000 PPB	1.10
38	196	870	14:30	3	0.907	A BB	1790.	10.000 PPB	1.10
39	162	888	14:48	3	0.926	A BB	6052.	10.000 PPB	1.10
40	65	904	15:04	3	0.943	A BB	2144.	10.000 PPB	1.10
41	163	924	15:24	3	0.964	A BB	6157.	10.000 PPB	1.10
42	152	941	15:41	3	0.981	A BB	9965.	10.000 PPB	1.10
43	138	952	15:52	3	0.993	A BB	1412.	10.000 PPB	1.10
44	153	963	16:03	3	1.004	A BB	5840.	10.000 PPB	1.10
45	232	1000	16:40	3	1.043	A BB	1735.	10.000 PPB	1.10
46	184	965	16:05	3	1.006	A BB	637.	10.000 PPB	1.10
47	109	968	16:08	3	1.009	A BB	893.	10.000 PPB	1.10
48	168	981	16:21	3	1.023	A BB	8408.	10.000 PPB	1.10
49	165	981	16:21	3	1.023	A BB	1835.	10.000 PPB	1.10
50	165	935	15:35	3	0.975	A BB	1375.	10.000 PPB	1.10

Data Subject To Validation

300522

050220950

No	Ret(L)	Ratio	RRT(L)	Ratio	Amnt	Amnt(L)	R. Fac	R. Fac(L)	Ratio
1	9:45	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
2	12:24	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
3	15:59	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
4	18:57	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
5	24:33	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
6	29:40	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
7	9:01	1.00	0.925	1.00	10.00	10.00	1.774	1.774	1.00
8	10:58	1.00	0.884	1.00	10.00	10.00	0.394	0.394	1.00
9	14:34	1.00	0.911	1.00	10.00	10.00	1.100	1.100	1.00
10	22:06	1.00	0.900	1.00	10.00	10.00	0.900	0.900	1.00
11	9:22	1.00	0.961	1.00	10.00	10.00	1.292	1.292	1.00
12	10:09	1.00	1.041	1.00	10.00	10.00	0.840	0.840	1.00
13	9:03	1.00	0.928	1.00	10.00	10.00	2.166	2.166	1.00
14	9:24	1.00	0.964	1.00	10.00	10.00	1.344	1.344	1.00
15	9:40	1.00	0.991	1.00	10.00	10.00	1.401	1.401	1.00
16	9:49	1.00	1.007	1.00	10.00	10.00	1.354	1.354	1.00
17	10:04	1.00	1.032	1.00	10.00	10.00	0.897	0.897	1.00
18	10:11	1.00	1.044	1.00	10.00	10.00	1.300	1.300	1.00
19	10:17	1.00	1.055	1.00	10.00	10.00	1.369	1.369	1.00
20	10:24	1.00	1.067	1.00	10.00	10.00	1.790	1.790	1.00
21	10:34	1.00	1.084	1.00	10.00	10.00	1.427	1.427	1.00
22	10:38	1.00	1.091	1.00	10.00	10.00	1.045	1.045	1.00
23	10:51	1.00	1.113	1.00	10.00	10.00	0.565	0.565	1.00
24	11:00	1.00	0.887	1.00	10.00	10.00	0.401	0.401	1.00
25	11:28	1.00	0.925	1.00	10.00	10.00	0.776	0.776	1.00
26	11:38	1.00	0.938	1.00	10.00	10.00	0.205	0.205	1.00
27	11:38	1.00	0.938	1.00	10.00	10.00	0.266	0.266	1.00
28	11:52	1.00	0.957	1.00	10.00	10.00	0.473	0.473	1.00
29	12:06	1.00	0.976	1.00	10.00	10.00	0.234	0.234	1.00
30	12:17	1.00	0.991	1.00	10.00	10.00	0.248	0.248	1.00
31	12:27	1.00	1.004	1.00	10.00	10.00	1.004	1.004	1.00
32	12:33	1.00	1.012	1.00	10.00	10.00	0.286	0.286	1.00
33	12:45	1.00	1.028	1.00	10.00	10.00	0.129	0.129	1.00
34	13:28	1.00	1.086	1.00	10.00	10.00	0.260	0.260	1.00
35	13:49	1.00	1.114	1.00	10.00	10.00	0.623	0.623	1.00
36	14:14	1.00	0.891	1.00	10.00	10.00	0.124	0.124	1.00
37	14:26	1.00	0.903	1.00	10.00	10.00	0.265	0.265	1.00
38	14:30	1.00	0.907	1.00	10.00	10.00	0.272	0.272	1.00
39	14:48	1.00	0.926	1.00	10.00	10.00	0.921	0.921	1.00
40	15:04	1.00	0.943	1.00	10.00	10.00	0.326	0.326	1.00
41	15:24	1.00	0.964	1.00	10.00	10.00	0.937	0.937	1.00
42	15:41	1.00	0.981	1.00	10.00	10.00	1.516	1.516	1.00
43	15:52	1.00	0.993	1.00	10.00	10.00	0.215	0.215	1.00
44	16:03	1.00	1.004	1.00	10.00	10.00	0.888	0.888	1.00
45	16:40	1.00	1.043	1.00	10.00	10.00	0.264	0.264	1.00
46	16:05	1.00	1.006	1.00	10.00	10.00	0.097	0.097	1.00
47	16:08	1.00	1.009	1.00	10.00	10.00	0.136	0.136	1.00
48	16:21	1.00	1.023	1.00	10.00	10.00	1.279	1.279	1.00
49	16:21	1.00	1.023	1.00	10.00	10.00	0.279	0.279	1.00
50	15:35	1.00	0.975	1.00	10.00	10.00	0.209	0.209	1.00

CS0220954

300523

Data Subject To Validation

Quantitation Report File: CS022095C

Data: CS022095C.TI

02/20/95 11:20:00

Sample: SSTD020 290-12-SV10

Conds.: 0.25 X 30M RTX-5 1.0UM 45/4-300@12

Formula: Instrument: C

Submitted by: Analyst: SRA

INST C

Weight: 1.001

Acct. No.:

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

Resp. fac. from Library Entry

No	Name	
51	C580	DIETHYL PHTHALATE
52	C585	4CHLOROPHENYL PHEN 0.4
53	C590	FLUORENE 0.9
54	C595	4-NITROANILINE
55	C610	4,6DINITRO2METHYLPH
56	C615	*DIPHENYLAMINE
57	C625	4BROMOPHENYL PHENY 0.1
58	C630	CL6BENZENE 0.1 T
59	C635	*PENTACHLOROPHENOL 0.05 T
60	C640	PHENANTHRENE 0.7
61	C645	ANTHRACENE 0.7
62	C650	DI-NBUTYLPHTHALATE
63	C655	*FLUORANTHENE 0.6
64	D200	1,2-DIPHENYLHYDRAZINE
65	C647	CARBAZOLE
66	C715	PYRENE 0.6
67	C720	BUTYLBENZYLPHTHALATE
68	C725	3,3'-CL2BENZIDINE
69	C730	BENZO(A)ANTHRACENE 0.8
70	C740	BIS(2ETHYLHEXYL)PHTH
71	C735	CHRYSENE 0.7
72	C760	*DI-N-OCTYLPHTHALATE
73	C765	BENZO(B)FLUORANTHE 0.7
74	C770	BENZO(K)FLUORANTHE 0.7
75	C775	*BENZO(A)PYRENE 0.7
76	C780	INDENO(1,2,3CD)PYR 0.5
77	C785	DIBENZO(A,H)ANTHRA 0.4
78	C790	BENZO(G,H,I)PERYLE 0.5
79	C310	N-NITROSODIMETHYLAMINE
80	C319	PYRIDINE T
81	C320	ANILINE
82	C325	BIS(2CHLOROETHYL)E 0.7
83	C430	BENZOIC ACID
84	CS50	2-FLUOROPHENOL 0.6 (SS-5)
85	CS55	2,4,6TRIBROMOPHENOL (SS-6)

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
51	149	1007	16:47	3	1.050	A BB	6417.	10.000 PPB	1.10
52	204	1019	16:59	3	1.063	A BB	3058.	10.000 PPB	1.10
53	166	1023	17:03	3	1.067	A BB	6401.	10.000 PPB	1.10
54	138	1027	17:07	3	1.071	A BB	811.	10.000 PPB	1.10
55	198	1032	17:12	4	0.908	A BB	951.	10.000 PPB	1.10
56	169	1034	17:14	4	0.909	A BB	3988.	10.000 PPB	1.10
57	248	1077	17:57	4	0.947	A BB	1546.	10.000 PPB	1.10
58	284	1100	18:20	4	0.967	A BB	1727.	10.000 PPB	1.10

300524

Data Subject To Validation

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
59	266	1119	18:39	4	0.984	A BB	1110.	10.000 PPB	1.10
60	178	1140	19:00	4	1.003	A BV	7847.	10.000 PPB	1.10
61	178	1145	19:05	4	1.007	A VB	8305.	10.000 PPB	1.10
62	149	1200	20:00	4	1.055	A BB	10022.	10.000 PPB	1.10
63	202	1287	21:27	4	1.132	A BB	7262.	10.000 PPB	1.10
64	77	1039	17:19	4	0.914	A BB	10014.	10.000 PPB	1.10
65	167	1163	19:23	4	1.023	A BB	6544.	10.000 PPB	1.10
66	202	1314	21:54	5	0.892	A BB	7722.	10.000 PPB	1.10
67	149	1384	23:04	5	0.940	A BB	3988.	10.000 PPB	1.10
68	252	1460	24:20	5	0.991	A BB	1663.	10.000 PPB	1.10
69	228	1469	24:29	5	0.997	A BB	6468.	10.000 PPB	1.10
70	149	1457	24:17	5	0.989	A BB	5573.	10.000 PPB	1.10
71	228	1477	24:37	5	1.003	A BB	6430.	10.000 PPB	1.10
72	149	1559	25:59	6	0.876	A BB	8288.	10.000 PPB	1.10
73	252	1677	27:57	6	0.942	A BV	5811.	10.000 PPB	1.10
74	252	1684	28:04	6	0.946	A VB	5992.	10.000 PPB	1.10
75	252	1762	29:22	6	0.990	A BB	5237.	10.000 PPB	1.10
76	276	2141	35:41	6	1.203	A BB	5028.	10.000 PPB	1.10
77	278	2143	35:43	6	1.204	M XX	4082.	10.000 PPB	1.10
78	276	2255	37:35	6	1.267	M XX	4344.	10.000 PPB	1.10
79	74	239	3:59	1	0.409	M XX	2695.	10.000 PPB	1.10
80	79	239	3:59	1	0.409	M XX	4086.	10.000 PPB	1.10
81	93	549	9:09	1	0.938	M XX	9568.	10.000 PPB	1.10
82	93	554	9:14	1	0.947	M XX	6987.	10.000 PPB	1.10
83	122	706	11:46	2	0.949	M XX	1319.	10.000 PPB	1.10
84	112	423	7:03	1	0.723	M XX	3983.	10.000 PPB	1.10
85	330	1054	17:34	3	1.099	M XX	693.	10.000 PPB	1.10

No	Ret(L)	Ratio	RRT(L)	Ratio	Amnt	Amnt(L)	R. Fac	R. Fac(L)	Ratio
51	16:47	1.00	1.050	1.00	10.00	10.00	0.976	0.976	1.00
52	16:59	1.00	1.063	1.00	10.00	10.00	0.465	0.465	1.00
53	17:03	1.00	1.067	1.00	10.00	10.00	0.974	0.974	1.00
54	17:07	1.00	1.071	1.00	10.00	10.00	0.123	0.123	1.00
55	17:12	1.00	0.908	1.00	10.00	10.00	0.143	0.143	1.00
56	17:14	1.00	0.909	1.00	10.00	10.00	0.598	0.598	1.00
57	17:57	1.00	0.947	1.00	10.00	10.00	0.232	0.232	1.00
58	18:20	1.00	0.967	1.00	10.00	10.00	0.259	0.259	1.00
59	18:39	1.00	0.984	1.00	10.00	10.00	0.167	0.167	1.00
60	19:00	1.00	1.003	1.00	10.00	10.00	1.177	1.177	1.00
61	19:05	1.00	1.007	1.00	10.00	10.00	1.246	1.246	1.00
62	20:00	1.00	1.055	1.00	10.00	10.00	1.504	1.504	1.00
63	21:27	1.00	1.132	1.00	10.00	10.00	1.090	1.090	1.00
64	17:19	1.00	0.914	1.00	10.00	10.00	1.502	1.502	1.00
65	19:23	1.00	1.023	1.00	10.00	10.00	0.982	0.982	1.00
66	21:54	1.00	0.892	1.00	10.00	10.00	1.332	1.332	1.00
67	23:04	1.00	0.940	1.00	10.00	10.00	0.688	0.688	1.00
68	24:20	1.00	0.991	1.00	10.00	10.00	0.287	0.287	1.00
69	24:29	1.00	0.997	1.00	10.00	10.00	1.116	1.116	1.00
70	24:17	1.00	0.989	1.00	10.00	10.00	0.961	0.961	1.00
71	24:37	1.00	1.003	1.00	10.00	10.00	1.109	1.109	1.00
72	25:59	1.00	0.876	1.00	10.00	10.00	1.413	1.413	1.00
73	27:57	1.00	0.942	1.00	10.00	10.00	0.991	0.991	1.00
74	28:04	1.00	0.946	1.00	10.00	10.00	1.022	1.022	1.00
75	29:22	1.00	0.990	1.00	10.00	10.00	0.893	0.893	1.00
76	35:41	1.00	1.203	1.00	10.00	10.00	0.857	0.857	1.00
77	35:43	1.00	1.204	1.00	10.00	10.00	0.696	0.696	1.00

Date: 300525

300525

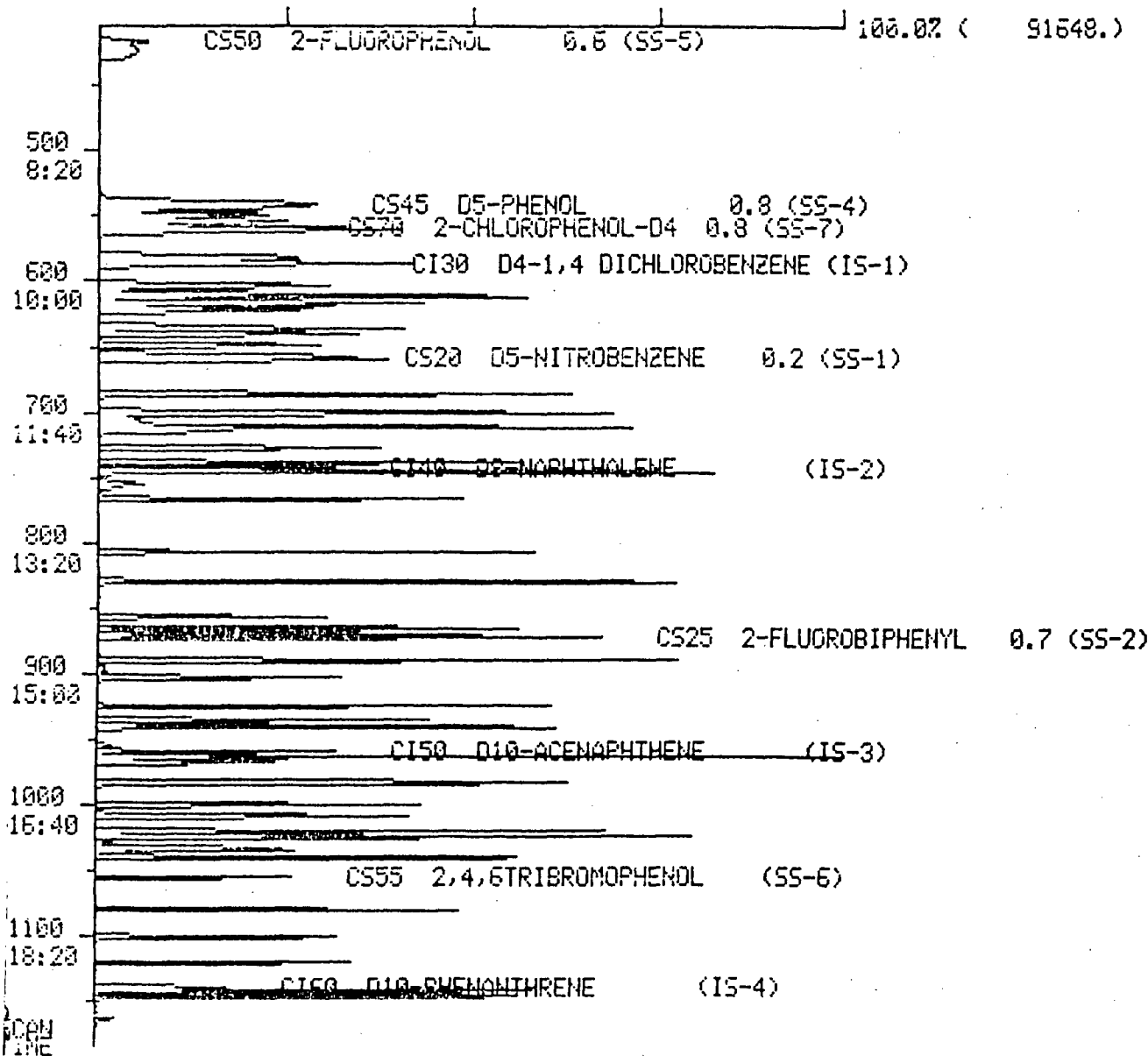
No.	Ret(L)	Ratio	RRT(L)	Ratio	Amnt	Amnt(L)	R. Fac	R. Fac(L)	Ratio
78	37:35	1.00	1.267	1.00	10.00	10.00	0.741	0.741	1.00
79	3:59	1.00	0.409	1.00	10.00	10.00	0.863	0.863	1.00
80	3:59	1.00	0.409	1.00	10.00	10.00	1.308	1.308	1.00
81	9:09	1.00	0.938	1.00	10.00	10.00	3.064	3.064	1.00
82	9:14	1.00	0.947	1.00	10.00	10.00	2.237	2.237	1.00
83	11:46	1.00	0.949	1.00	10.00	10.00	0.106	0.106	1.00
84	7:03	1.00	0.723	1.00	10.00	10.00	1.275	1.275	1.00
85	17:34	1.00	1.099	1.00	10.00	10.00	0.105	0.105	1.00

C60220952

300526

Data Subject To Validation

DATA FROM FILE: CS0220950 SCANS 404 TO 1194 ACQUIRED: 02/20/95 12:05:00
 CALI: CS0220950 #1
 SAMPLE: SSTD120 290-12-SU60
 CONDS.: 0.25 X 30M RTX-5 1.0UM 45/4-300012 INST C



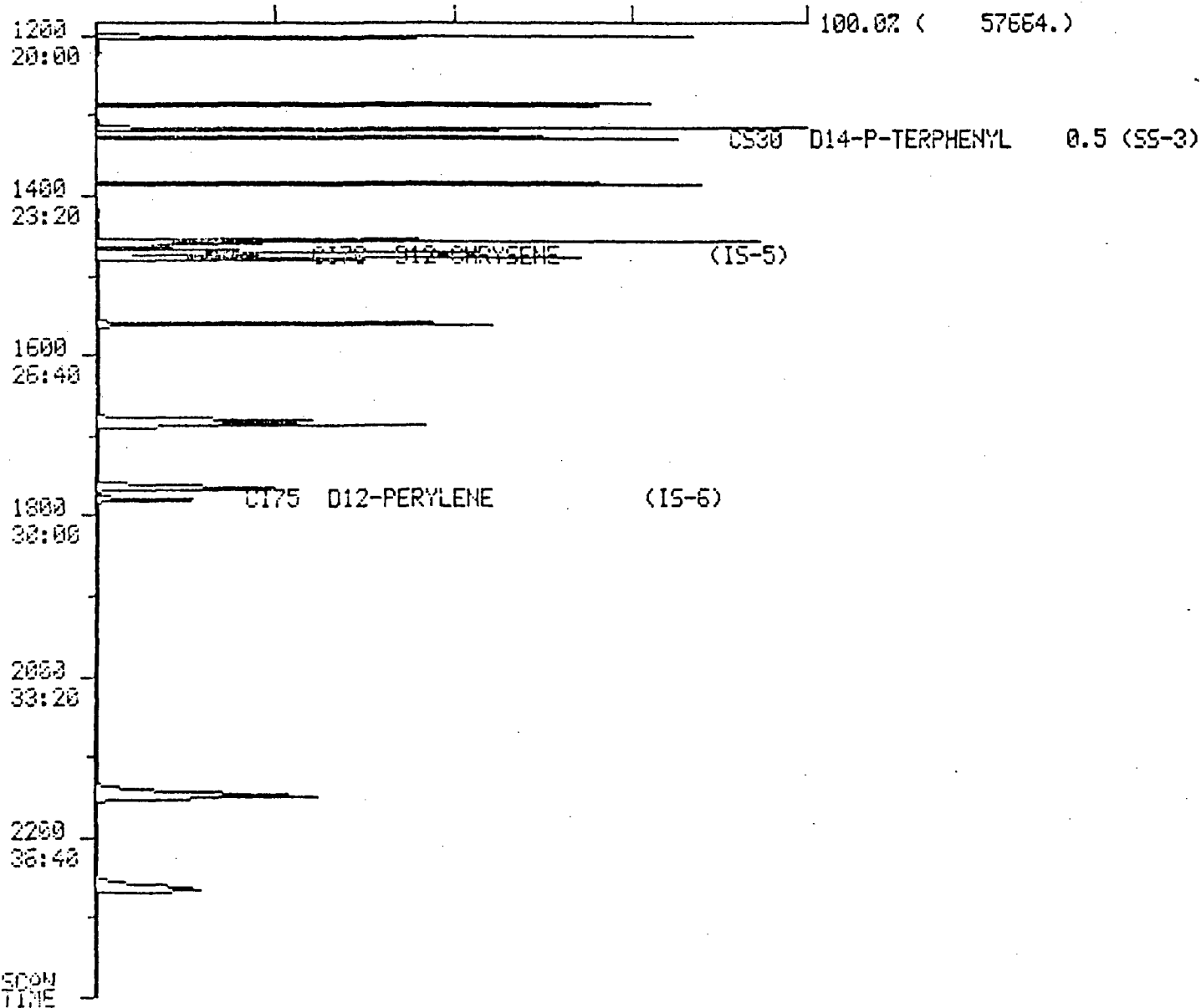
REVIEWED
 FEB 20 1995

Data Subject To Validation

300527

CON
 TIME

DATA FROM FILE: CS022095D SCANS 1184 TO 2400 ACQUIRED: 02/20/95 12:05:00
 CALI: CS022095D #1
 SAMPLE: SSTD120 290-12-SU60
 CONDS.: 0.25 X 32M RTX-5 1.0UM 45/4-300012 INST C



Data Subject To Validation

300528

Quantitation Report File: CS022095D

Data: CS022095D.TI

02/20/95 12:05:00

Sample: SSTD120 290-12-SV60

Conds.: 0.25 X 30M RTX-5 1.0UM 45/4-300@12

INST C

Formula: Instrument: C

Weight: 1.001

Submitted by: Analyst: SRA

Acct. No.:

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

Resp. fac. from Library Entry

No	Name	
1	CI30 D4-1,4 DICHLOROBENZENE	(IS-1)
2	CI40 D8-NAPHTHALENE	(IS-2)
3	CI50 D10-ACENAPHTHENE	(IS-3)
4	CI60 D10-PHENANTHRENE	(IS-4)
5	CI70 D12-CHRYSENE	(IS-5)
6	CI75 D12-PERYLENE	(IS-6)
7	CS45 D5-PHENOL	0.8 (SS-4)
8	CS20 D5-NITROBENZENE	0.2 (SS-1)
9	CS25 2-FLUOROBIPHENYL	0.7 (SS-2)
10	CS55 2,4,6TRIBROMOPHENOL	(SS-6)
11	CS30 D14-P-TERPHENYL	0.5 (SS-3)
12	CS75 1,2-CL2BENZENE-D4	0.4 (SS-8)
13	C315 *PHENOL	0.8
14	C325 BIS(2CHLOROETHYL)E	0.7
15	C330 2CHLOROPHENOL	0.8
16	C335 1,3DICHLOROBENZENE	0.6
17	C340 *1,4DICHLOROBENZENE	0.5 T
18	C320 ANILINE	
19	C345 BENZYL ALCOHOL	
20	C350 1,2DICHLOROBENZENE	0.4
21	C355 2METHYLPHENOL	0.7 T
22	C357 2,2'DOXYBIS(1CHLOROPR	
23	C365 4METHYLPHENOL	0.6 T
24	C370 &NITROSOPROPYLAMINE	0.5
25	C375 HEXACHLOROETHANE	0.3 T
26	C410 NITROBENZENE	0.2 T
27	C415 ISOPHORONE	0.4
28	C420 *2-NITROPHENOL	0.1
29	C425 2,4-DIMETHYLPHENOL	0.2
30	C435 BIS(2CHLOROETHOXY)	0.3
31	C440 *2,4DICHLOROPHENOL	0.2
32	C445 1,2,4TRICHLOROBENZ	0.2
33	C450 NAPHTHALENE	0.7
34	C455 4-CHLOROANILINE	
35	C460 *CL6BUTADIENE	T
36	C465 *4CHLORO3METHYLPHEN	0.2
37	C470 2METHYLNAPHTHALENE	0.4
38	C510 &CL6CYCLOPENTADIENE	
39	C515 *246TRICHLOROPHNEOL	0.2 T
40	C520 2,4,5TRICHLOROPHEN	0.2 T
41	C525 2CHLORONAPHTHALENE	0.8
42	C530 2-NITROANILINE	
43	C535 DIMETHYL PHTHALATE	
44	C540 ACENAPHTHYLENE	1.3
45	C545 3-NITROANILINE	
46	C550 *ACENAPHTHENE	0.8
47	C321 2,3,4,6-TETRACHLOROPHENOL	

300529

Data Subject To Validation

No Name
 48 C555 &2, 4DINITROPHENOL
 49 C560 &4NITROPHENOL
 50 C565 DIBENZOFURAN O. B

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
1	152	584	9:44	1	1.000	A BB	6313.	20.000 PPB	0.41
2	136	742	12:22	2	1.000	A BB	23816.	20.000 PPB	0.41
3	164	958	15:58	3	1.000	A BB	12531.	20.000 PPB	0.41
4	188	1137	18:57	4	1.000	A BB	12059.	20.000 PPB	0.41
5	240	1472	24:32	5	1.000	A BB	10510.	20.000 PPB	0.41
6	264	1778	29:38	6	1.000	A BB	11372.	20.000 PPB	0.41
7	99	539	8:59	1	0.923	A BB	32923.	60.000 PPB	1.23
8	82	656	10:56	2	0.884	A BB	29275.	60.000 PPB	1.23
9	172	872	14:32	3	0.910	A BB	38256.	60.000 PPB	1.23
10	330	1054	17:34	3	1.100	A BB	4396.	60.000 PPB	1.23
11	244	1326	22:06	5	0.901	A BB	27201.	60.000 PPB	1.23
12	152	609	10:09	1	1.043	A BB	15797.	60.000 PPB	1.23
13	94	542	9:02	1	0.928	A BV	37591.	60.000 PPB	1.23
14	93	553	9:13	1	0.947	A VB	35252.	60.000 PPB	1.23
15	128	560	9:20	1	0.959	A BB	25390.	60.000 PPB	1.23
16	146	581	9:41	1	0.995	A BV	27052.	60.000 PPB	1.23
17	146	585	9:45	1	1.002	A VB	26374.	60.000 PPB	1.23
18	93	548	9:08	1	0.938	A BV	32941.	60.000 PPB	1.23
19	108	602	10:02	1	1.031	A BV	18387.	60.000 PPB	1.23
20	146	611	10:11	1	1.046	A BB	24927.	60.000 PPB	1.23
21	108	616	10:16	1	1.055	A BB	26225.	60.000 PPB	1.23
22	45	620	10:20	1	1.062	A BB	33307.	60.000 PPB	1.23
23	108	635	10:35	1	1.087	A BB	27565.	60.000 PPB	1.23
24	70	640	10:40	1	1.096	A BB	19931.	60.000 PPB	1.23
25	117	647	10:47	1	1.108	A BB	11436.	60.000 PPB	1.23
26	77	659	10:59	2	0.888	A BB	29741.	60.000 PPB	1.23
27	82	685	11:25	2	0.923	A BB	59583.	60.000 PPB	1.23
28	139	698	11:38	2	0.941	A BB	19118.	60.000 PPB	1.23
29	107	700	11:40	2	0.943	A BB	20631.	60.000 PPB	1.23
30	93	710	11:50	2	0.957	A BB	35152.	60.000 PPB	1.23
31	162	726	12:06	2	0.978	A BB	17719.	60.000 PPB	1.23
32	180	737	12:17	2	0.993	A BB	17863.	60.000 PPB	1.23
33	128	745	12:25	2	1.004	A BB	70308.	60.000 PPB	1.23
34	127	754	12:34	2	1.016	A VV	9541.	60.000 PPB	1.23
35	225	765	12:45	2	1.031	A BB	9551.	60.000 PPB	1.23
36	107	806	13:26	2	1.086	A BB	19370.	60.000 PPB	1.23
37	142	829	13:49	2	1.117	A BB	43910.	60.000 PPB	1.23
38	237	855	14:15	3	0.892	A BB	7132.	60.000 PPB	1.23
39	196	864	14:24	3	0.902	A BV	10779.	60.000 PPB	1.23
40	196	868	14:28	3	0.906	A VB	10390.	60.000 PPB	1.23
41	162	889	14:49	3	0.928	A BB	35501.	60.000 PPB	1.23
42	65	902	15:02	3	0.942	A BB	11503.	60.000 PPB	1.23
43	163	924	15:24	3	0.965	A BB	36199.	60.000 PPB	1.23
44	152	940	15:40	3	0.981	A BB	55237.	60.000 PPB	1.23
45	138	953	15:53	3	0.995	A BB	846.	60.000 PPB	1.23
46	153	962	16:02	3	1.004	A BB	31670.	60.000 PPB	1.23
47	232	998	16:38	3	1.042	A BB	9052.	60.000 PPB	1.23
48	184	964	16:04	3	1.006	A BB	4846.	60.000 PPB	1.23
49	109	967	16:07	3	1.009	A BB	5217.	60.000 PPB	1.23
50	168	981	16:21	3	1.024	A BB	45705.	60.000 PPB	1.23

300530

Co20017D

Date Subject To Value

No	Ret(L)	Ratio	RRT(L)	Ratio	Amnt	Amnt(L)	R. Fac	R. Fac(L)	Ratio
1	9:44	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
2	12:22	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
3	15:58	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
4	18:57	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
5	24:32	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
6	29:38	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
7	8:59	1.00	0.923	1.00	60.00	60.00	1.738	1.738	1.00
8	10:56	1.00	0.884	1.00	60.00	60.00	0.410	0.410	1.00
9	14:32	1.00	0.910	1.00	60.00	60.00	1.018	1.018	1.00
10	17:34	1.00	1.100	1.00	60.00	60.00	0.117	0.117	1.00
11	22:06	1.00	0.901	1.00	60.00	60.00	0.863	0.863	1.00
12	10:09	1.00	1.043	1.00	60.00	60.00	0.834	0.834	1.00
13	9:02	1.00	0.928	1.00	60.00	60.00	1.985	1.985	1.00
14	9:13	1.00	0.947	1.00	60.00	60.00	1.861	1.861	1.00
15	9:20	1.00	0.959	1.00	60.00	60.00	1.341	1.341	1.00
16	9:41	1.00	0.995	1.00	60.00	60.00	1.428	1.428	1.00
17	9:45	1.00	1.002	1.00	60.00	60.00	1.393	1.393	1.00
18	9:08	1.00	0.938	1.00	60.00	60.00	1.739	1.739	1.00
19	10:02	1.00	1.031	1.00	60.00	60.00	0.971	0.971	1.00
20	10:11	1.00	1.046	1.00	60.00	60.00	1.316	1.316	1.00
21	10:16	1.00	1.055	1.00	60.00	60.00	1.385	1.385	1.00
22	10:20	1.00	1.062	1.00	60.00	60.00	1.759	1.759	1.00
23	10:35	1.00	1.087	1.00	60.00	60.00	1.455	1.455	1.00
24	10:40	1.00	1.096	1.00	60.00	60.00	1.052	1.052	1.00
25	10:47	1.00	1.108	1.00	60.00	60.00	0.604	0.604	1.00
26	10:59	1.00	0.888	1.00	60.00	60.00	0.416	0.416	1.00
27	11:25	1.00	0.923	1.00	60.00	60.00	0.834	0.834	1.00
28	11:38	1.00	0.941	1.00	60.00	60.00	0.268	0.268	1.00
29	11:40	1.00	0.943	1.00	60.00	60.00	0.289	0.289	1.00
30	11:50	1.00	0.957	1.00	60.00	60.00	0.492	0.492	1.00
31	12:06	1.00	0.978	1.00	60.00	60.00	0.248	0.248	1.00
32	12:17	1.00	0.993	1.00	60.00	60.00	0.250	0.250	1.00
33	12:25	1.00	1.004	1.00	60.00	60.00	0.984	0.984	1.00
34	12:34	1.00	1.016	1.00	60.00	60.00	0.134	0.134	1.00
35	12:45	1.00	1.031	1.00	60.00	60.00	0.134	0.134	1.00
36	13:26	1.00	1.086	1.00	60.00	60.00	0.271	0.271	1.00
37	13:49	1.00	1.117	1.00	60.00	60.00	0.615	0.615	1.00
38	14:15	1.00	0.892	1.00	60.00	60.00	0.190	0.190	1.00
39	14:24	1.00	0.902	1.00	60.00	60.00	0.287	0.287	1.00
40	14:28	1.00	0.906	1.00	60.00	60.00	0.276	0.276	1.00
41	14:49	1.00	0.928	1.00	60.00	60.00	0.944	0.944	1.00
42	15:02	1.00	0.942	1.00	60.00	60.00	0.306	0.306	1.00
43	15:24	1.00	0.965	1.00	60.00	60.00	0.963	0.963	1.00
44	15:40	1.00	0.981	1.00	60.00	60.00	1.469	1.469	1.00
45	15:53	1.00	0.995	1.00	60.00	60.00	0.023	0.023	1.00
46	16:02	1.00	1.004	1.00	60.00	60.00	0.842	0.842	1.00
47	16:38	1.00	1.042	1.00	60.00	60.00	0.241	0.241	1.00
48	16:04	1.00	1.006	1.00	60.00	60.00	0.129	0.129	1.00
49	16:07	1.00	1.009	1.00	60.00	60.00	0.139	0.139	1.00
50	16:21	1.00	1.024	1.00	60.00	60.00	1.216	1.216	1.00

050220950

300531

Date: 10/10/10

Quantitation Report File: CS022095D

Data: CS022095D.TI

2/20/95 12:05:00

Sample: SSTD120 290-12-SV60

Conds.: 0.25 X 30M RTX-5 1.0UM 45/4-300@12

INST C

Formula: Instrument: C

Weight: 1.001

Submitted by: Analyst: SRA

Acct. No.:

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

Resp. fac. from Library Entry

No	Name	
51	C570	2,4DINITROTOLUENE 0.2 T
52	C543	2,6DINITROTOLUENE 0.2
53	C580	DIETHYL PHTHALATE
54	C585	4CHLOROPHENYL PHEN 0.4
55	C590	FLUORENE 0.9
56	C595	4-NITROANILINE
57	C610	4,6DINITRO2METHYLPH
58	C615	*DIPHENYLAMINE
59	C625	4BROMOPHENYL PHENY 0.1
60	C630	CL6BENZENE 0.1 T
61	C635	*PENTACHLOROPHENOL 0.05 T
62	C640	PHENANTHRENE 0.7
63	C645	ANTHRACENE 0.7
64	C650	DI-NBUTYLPHTHALATE
65	C655	*FLUORANTHENE 0.6
66	D200	1,2-DIPHENYLHYDRAZINE
67	C647	CARBAZOLE
68	C715	PYRENE 0.6
69	C720	BUTYLBENZYLPHTHALATE
70	C725	3,3'-CL2BENZIDINE
71	C730	BENZO(A)ANTHRACENE 0.8
72	C740	BIS(2ETHYLHEXYL)PHTH
73	C735	CHRYSENE 0.7
74	C760	*DI-N-OCTYLPHTHALATE
75	C775	*BENZO(A)PYRENE 0.7
76	C780	INDENO(1,2,3CD)PYR 0.5
77	C785	DIBENZO(A,H)ANTHRA 0.4
78	C790	BENZO(G,H,I)PERYLE 0.5
79	C765	BENZO(B)FLUORANTHE 0.7
80	C770	BENZO(K)FLUORANTHE 0.7
81	C430	BENZOIC ACID
82	C310	N-NITROSODIMETHYLAMINE
83	C319	PYRIDINE T
84	CS70	2-CHLOROPHENOL-D4 0.8 (SS-7)
85	CS50	2-FLUOROPHENOL 0.6 (SS-5)

300532

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
51	165	983	16:23	3	1.026	A BB	10979.	60.000 PPB	1.23
52	165	934	15:34	3	0.975	A BB	8739.	60.000 PPB	1.23
53	149	1007	16:47	3	1.051	A BB	35154.	60.000 PPB	1.23
54	204	1019	16:59	3	1.064	A BB	17776.	60.000 PPB	1.23
55	166	1023	17:03	3	1.068	A BB	36393.	60.000 PPB	1.23
56	138	1027	17:07	3	1.072	A BB	1853.	60.000 PPB	1.23
57	198	1031	17:11	4	0.907	A BB	5771.	60.000 PPB	1.23
58	169	1033	17:13	4	0.909	A BB	12526.	60.000 PPB	1.23

Data Subject To Validation

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
59	248	1078	17:58	4	0.948	A BB	8675.	60.000 PPB	1.23
60	284	1099	18:19	4	0.967	A BB	8849.	60.000 PPB	1.23
61	266	1119	18:39	4	0.984	A BB	6562.	60.000 PPB	1.23
62	178	1140	19:00	4	1.003	A BV	41687.	60.000 PPB	1.23
63	178	1145	19:05	4	1.007	A VB	45190.	60.000 PPB	1.23
64	149	1200	20:00	4	1.055	A BB	56428.	60.000 PPB	1.23
65	202	1285	21:25	4	1.130	A BB	39957.	60.000 PPB	1.23
66	77	1039	17:19	4	0.914	A VB	53238.	60.000 PPB	1.23
67	167	1162	19:22	4	1.022	A BV	4049.	60.000 PPB	1.23
68	202	1315	21:55	5	0.893	A BV	42917.	60.000 PPB	1.23
69	149	1384	23:04	5	0.940	A BB	22937.	60.000 PPB	1.23
70	252	1459	24:19	5	0.991	A BB	7984.	60.000 PPB	1.23
71	228	1469	24:29	5	0.998	A BV	35758.	60.000 PPB	1.23
72	149	1456	24:16	5	0.989	A BB	30859.	60.000 PPB	1.23
73	228	1477	24:37	5	1.003	A VB	34556.	60.000 PPB	1.23
74	149	1559	25:59	6	0.877	A BB	51751.	60.000 PPB	1.23
75	252	1764	29:24	6	0.992	A BB	32081.	60.000 PPB	1.23
76	276	2148	35:48	6	1.208	A BB	34314.	60.000 PPB	1.23
77	278	2149	35:49	6	1.209	A BB	28249.	60.000 PPB	1.23
78	276	2263	37:43	6	1.273	M XX	30196.	60.000 PPB	1.23
79	252	1680	28:00	6	0.945	M XX	35261.	60.000 PPB	1.23
80	252	1686	28:06	6	0.948	M XX	38557.	60.000 PPB	1.23
81	122	713	11:53	2	0.961	M XX	13871.	60.000 PPB	1.23
82	74	223	3:43	1	0.382	M XX	17923.	60.000 PPB	1.23
83	79	223	3:43	1	0.382	M XX	31532.	60.000 PPB	1.23
84	132	557	9:17	1	0.954	A BB	24956.	60.000 PPB	1.23
85	112	414	6:54	1	0.709	M XX	24347.	60.000 PPB	1.23

No	Ret(L)	Ratio	RRT(L)	Ratio	Amnt	Amnt(L)	R. Fac	R. Fac(L)	Ratio
51	16:23	1.00	1.026	1.00	60.00	60.00	0.292	0.292	1.00
52	15:34	1.00	0.975	1.00	60.00	60.00	0.232	0.232	1.00
53	16:47	1.00	1.051	1.00	60.00	60.00	0.935	0.935	1.00
54	16:59	1.00	1.064	1.00	60.00	60.00	0.473	0.473	1.00
55	17:03	1.00	1.068	1.00	60.00	60.00	0.968	0.968	1.00
56	17:07	1.00	1.072	1.00	60.00	60.00	0.049	0.049	1.00
57	17:11	1.00	0.907	1.00	60.00	60.00	0.160	0.160	1.00
58	17:13	1.00	0.909	1.00	60.00	60.00	0.346	0.346	1.00
59	17:58	1.00	0.948	1.00	60.00	60.00	0.240	0.240	1.00
60	18:19	1.00	0.967	1.00	60.00	60.00	0.245	0.245	1.00
61	18:39	1.00	0.984	1.00	60.00	60.00	0.181	0.181	1.00
62	19:00	1.00	1.003	1.00	60.00	60.00	1.152	1.152	1.00
63	19:05	1.00	1.007	1.00	60.00	60.00	1.249	1.249	1.00
64	20:00	1.00	1.055	1.00	60.00	60.00	1.560	1.560	1.00
65	21:25	1.00	1.130	1.00	60.00	60.00	1.104	1.104	1.00
66	17:19	1.00	0.914	1.00	60.00	60.00	1.472	1.472	1.00
67	19:22	1.00	1.022	1.00	60.00	60.00	0.112	0.112	1.00
68	21:55	1.00	0.893	1.00	60.00	60.00	1.361	1.361	1.00
69	23:04	1.00	0.940	1.00	60.00	60.00	0.727	0.727	1.00
70	24:19	1.00	0.991	1.00	60.00	60.00	0.253	0.253	1.00
71	24:29	1.00	0.998	1.00	60.00	60.00	1.134	1.134	1.00
72	24:16	1.00	0.989	1.00	60.00	60.00	0.979	0.979	1.00
73	24:37	1.00	1.003	1.00	60.00	60.00	1.096	1.096	1.00
74	25:59	1.00	0.877	1.00	60.00	60.00	1.517	1.517	1.00
75	29:24	1.00	0.992	1.00	60.00	60.00	0.940	0.940	1.00
76	35:48	1.00	1.208	1.00	60.00	60.00	1.006	1.006	1.00
77	35:49	1.00	1.209	1.00	60.00	60.00	0.828	0.828	1.00

No	Ret(L)	Ratio	RRT(L)	Ratio	Amnt	Amnt(L)	R. Fac	R. Fac(L)	Ratio
78	37:43	1.00	1.273	1.00	60.00	60.00	0.885	0.885	1.00
79	28:00	1.00	0.945	1.00	60.00	60.00	1.034	1.034	1.00
80	28:06	1.00	0.948	1.00	60.00	60.00	1.130	1.130	1.00
81	11:53	1.00	0.961	1.00	60.00	60.00	0.194	0.194	1.00
82	3:43	1.00	0.382	1.00	60.00	60.00	0.946	0.946	1.00
83	3:43	1.00	0.382	1.00	60.00	60.00	1.665	1.665	1.00
84	9:17	1.00	0.954	1.00	60.00	60.00	1.318	1.318	1.00
85	6:54	1.00	0.709	1.00	60.00	60.00	1.286	1.286	1.00

01022094D

300534

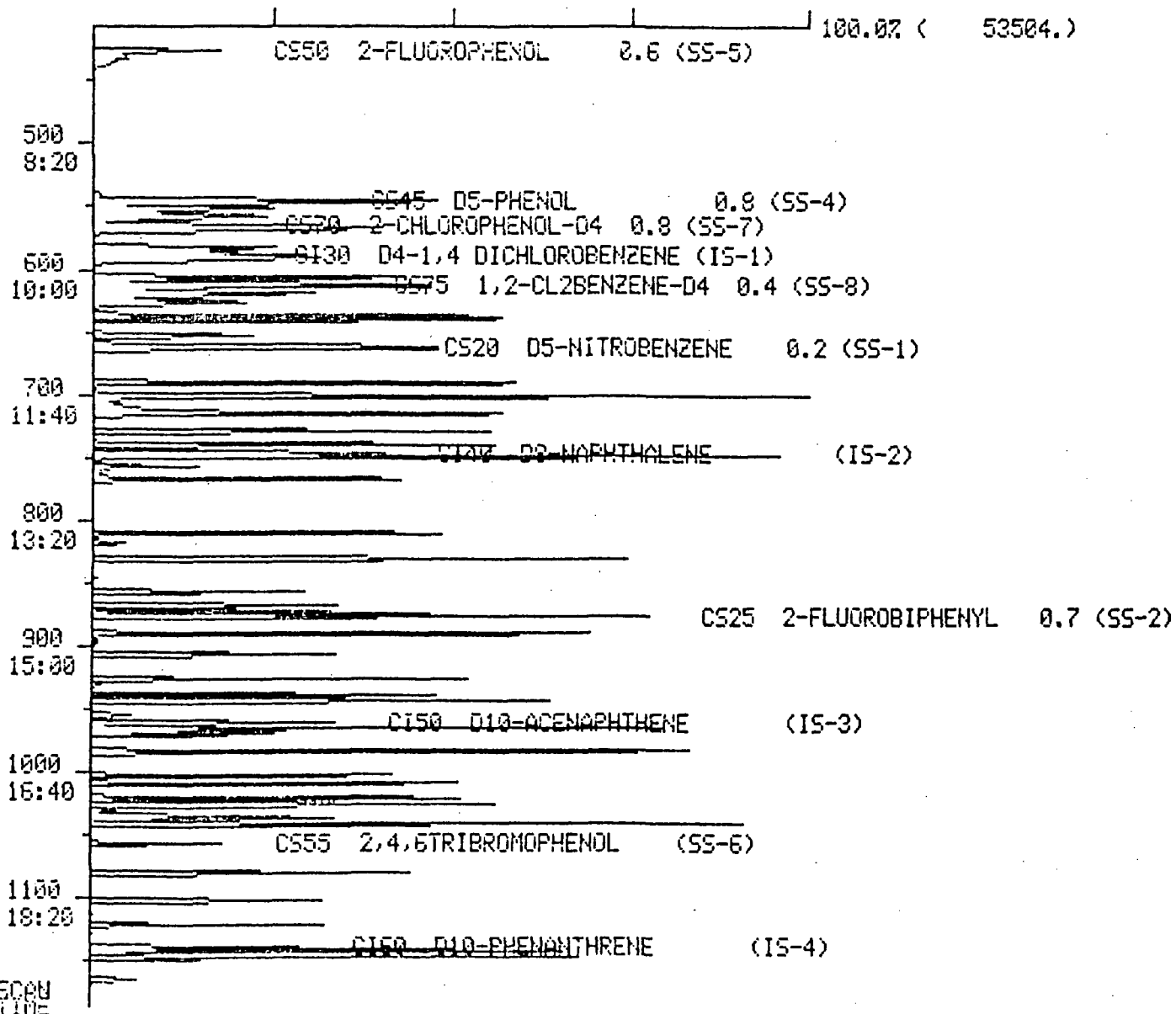
Data Subject To Validation

DATA FROM FILE: CS022035E SCANS 406 TO 1186 ACQUIRED: 02/20/95 12:51:00

CALI: CS022035E #1

SAMPLE: SSTD080 290-12-SU40

CONDS.: 0.25 X 30M RTX-5 1.0UM 45/4-300012 INST C

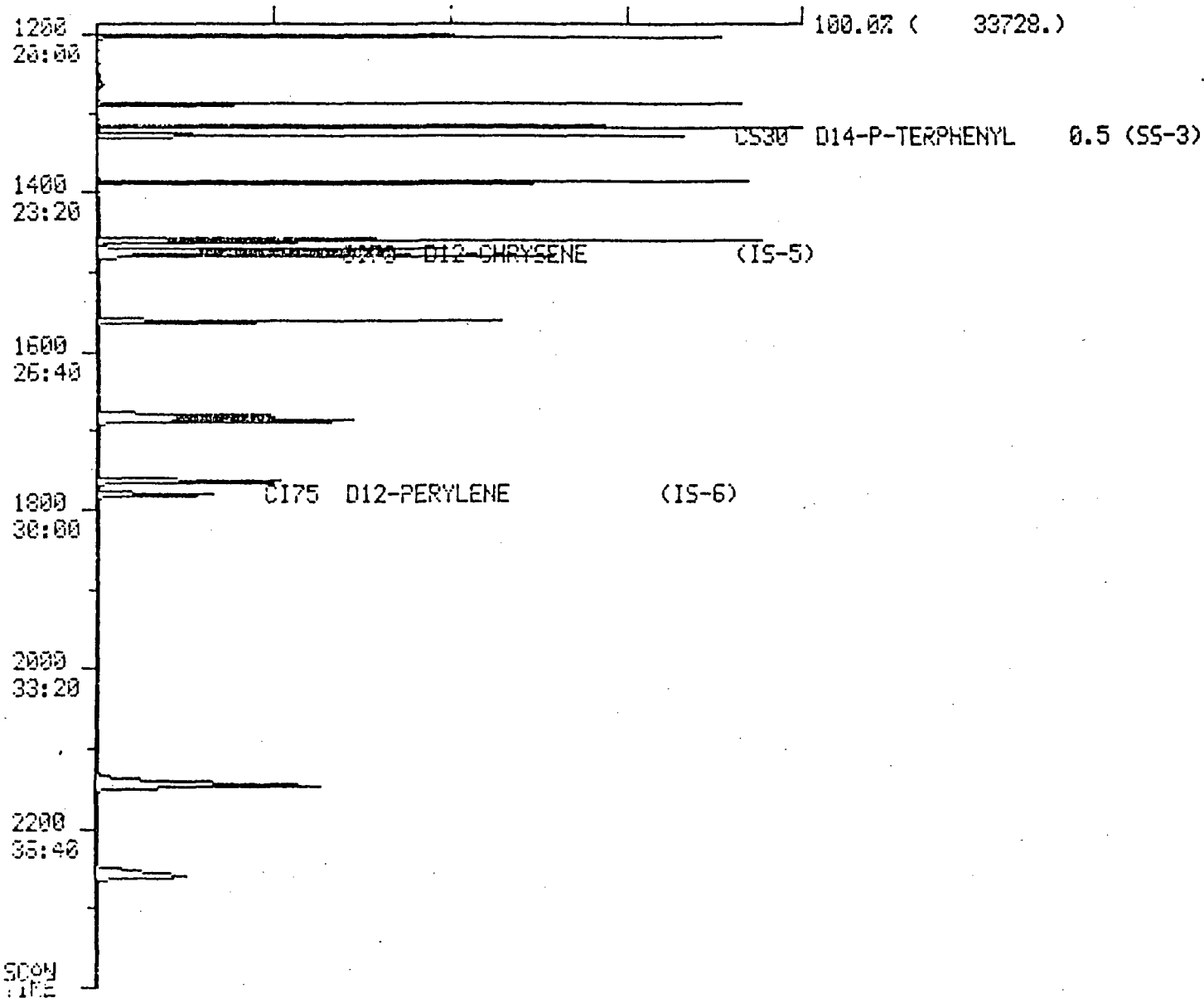


9
FEB 20 1995
REVIEWED

Date Sent To Validation

300535

DATA FROM FILE: CS022095E SCANS 1186 TO 2400 ACQUIRED: 02/20/95 12:51:00
CALI: CS022095E #1
SAMPLE: SSTD080 290-12-SU40
CONDS.: 0.25 X 30M RTX-5 1.0UM 45/4-300012 INST C



Date Subject To Validation

300536

Quantitation Report File: CS022095E

Data: CS022095E.T1

02/20/95 12:51:00

Sample: SSTD080 290-12-SV40

Conds.: 0.25 X 30M RTX-5 1.0UM 45/4-300@12

INST C

Formula: Instrument: C

Weight: 1.001

Submitted by: Analyst: SRA

Acct. No.:

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

Resp. fac. from Library Entry

No	Name	
1	CI30 D4-1,4 DICHLOROBENZENE (IS-1)	
2	CI40 D8-NAPHTHALENE (IS-2)	
3	CI50 D10-ACENAPHTHENE (IS-3)	
4	CI60 D10-PHENANTHRENE (IS-4)	
5	CI70 D12-CHRYSENE (IS-5)	
6	CI75 D12-PERYLENE (IS-6)	
7	CS45 D5-PHENOL 0.8 (SS-4)	
8	CS20 D5-NITROBENZENE 0.2 (SS-1)	
9	CS25 2-FLUOROBIPHENYL 0.7 (SS-2)	
10	CS55 2,4,6TRIBROMOPHENOL (SS-6)	
11	CS30 D14-P-TERPHENYL 0.5 (SS-3)	
12	CS70 2-CHLOROPHENOL-D4 0.8 (SS-7)	
13	CS75 1,2-CL2BENZENE-D4 0.4 (SS-8)	
14	C315 *PHENOL 0.8	
15	C325 BIS(2CHLOROETHYL)E 0.7	
16	C330 2CHLOROPHENOL 0.8	
17	C320 ANILINE	
18	C345 BENZYL ALCOHOL	
19	C350 1,2DICHLOROBENZENE 0.4	
20	C355 2METHYLPHENOL 0.7 T	
21	C357 2,2'OXYBIS(1CHLOROPR	
22	C365 4METHYLPHENOL 0.6 T	
23	C370 &NITROSOPROPYLAMINE 0.5	
24	C375 .HEXACHLOROETHANE 0.3 T	
25	C410 NITROBENZENE 0.2 T	
26	C415 ISOPHORONE 0.4	
27	C420 *2-NITROPHENOL 0.1	
28	C425 2,4-DIMETHYLPHENOL 0.2	
29	C435 BIS(2CHLOROETHOXY) 0.3	
30	C440 *2,4DICHLOROPHENOL 0.2	
31	C445 1,2,4TRICHLOROBENZ 0.2	
32	C450 NAPHTHALENE 0.7	
33	C455 4-CHLOROANILINE	
34	C460 *CL6BUTADIENE T	
35	C465 *4CHLORO3METHYLPHEN 0.2	
36	C470 2METHYLNAPHTHALENE 0.4	
37	C510 &CL6CYCLOPENTADIENE	
38	C515 *246TRICHLOROPHNEOL 0.2 T	
39	C520 2,4,5TRICHLOROPHEN 0.2 T	
40	C525 2CHLORONAPHTHALENE 0.8	
41	C530 2-NITROANILINE	
42	C535 DIMETHYL PHTHALATE	
43	C540 ACENAPHTHYLENE 1.3	
44	C545 3-NITROANILINE	
45	C550 *ACENAPHTHENE 0.8	
46	C321 2,3,4,6-TETRACHLOROPHENOL	
47	C555 &2,4DINITROPHENOL	

300537

Data Subject To Validation

No Name
 48 C560 &4NITROPHENOL
 49 C565 DIBENZOFURAN 0.8
 50 C570 2,4DINITROTOLUENE 0.2 T

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
1	152	586	9:46	1	1.000	A BB	5425.	20.000 PPB	0.61
2	136	745	12:25	2	1.000	A BB	22368.	20.000 PPB	0.61
3	164	959	15:59	3	1.000	A BB	10935.	20.000 PPB	0.61
4	188	1138	18:58	4	1.000	A BB	11022.	20.000 PPB	0.61
5	240	1473	24:33	5	1.000	A BB	8939.	20.000 PPB	0.61
6	264	1779	29:39	6	1.000	A BB	8778.	20.000 PPB	0.61
7	99	543	9:03	1	0.927	A BB	19874.	40.000 PPB	1.22
8	82	660	11:00	2	0.886	A BB	17611.	40.000 PPB	1.22
9	172	876	14:36	3	0.913	A BB	24347.	40.000 PPB	1.22
10	330	1055	17:35	3	1.100	A BB	2482.	40.000 PPB	1.22
11	244	1326	22:06	5	0.900	A BB	16348.	40.000 PPB	1.22
12	132	563	9:23	1	0.961	A BB	15319.	40.000 PPB	1.22
13	152	610	10:10	1	1.041	A BB	9781.	40.000 PPB	1.22
14	94	544	9:04	1	0.928	A BV	22516.	40.000 PPB	1.22
15	93	556	9:16	1	0.949	A VB	22173.	40.000 PPB	1.22
16	128	566	9:26	1	0.966	A BB	15413.	40.000 PPB	1.22
17	93	550	9:10	1	0.939	A VV	19513.	40.000 PPB	1.22
18	108	605	10:05	1	1.032	A BB	11033.	40.000 PPB	1.22
19	146	611	10:11	1	1.043	A BB	15387.	40.000 PPB	1.22
20	108	618	10:18	1	1.055	A BB	15584.	40.000 PPB	1.22
21	45	625	10:25	1	1.067	A BB	20123.	40.000 PPB	1.22
22	108	636	10:36	1	1.085	A BB	16771.	40.000 PPB	1.22
23	70	640	10:40	1	1.092	A BB	12184.	40.000 PPB	1.22
24	117	651	10:51	1	1.111	A BB	6838.	40.000 PPB	1.22
25	77	662	11:02	2	0.889	A BB	17905.	40.000 PPB	1.22
26	82	689	11:29	2	0.925	A BB	35440.	40.000 PPB	1.22
27	139	700	11:40	2	0.940	A BV	10722.	40.000 PPB	1.22
28	107	700	11:40	2	0.940	A BB	12335.	40.000 PPB	1.22
29	93	713	11:53	2	0.957	A BB	22063.	40.000 PPB	1.22
30	162	727	12:07	2	0.976	A BB	10782.	40.000 PPB	1.22
31	180	738	12:18	2	0.991	A BB	11240.	40.000 PPB	1.22
32	128	748	12:28	2	1.004	A BB	44395.	40.000 PPB	1.22
33	127	756	12:36	2	1.015	A VV	6102.	40.000 PPB	1.22
34	225	765	12:45	2	1.027	A BB	6036.	40.000 PPB	1.22
35	107	810	13:30	2	1.087	A BB	11176.	40.000 PPB	1.22
36	142	830	13:50	2	1.114	A BB	27218.	40.000 PPB	1.22
37	237	856	14:16	3	0.893	A BB	4458.	40.000 PPB	1.22
38	196	866	14:26	3	0.903	A BB	6095.	40.000 PPB	1.22
39	196	872	14:32	3	0.909	A BB	5926.	40.000 PPB	1.22
40	162	889	14:49	3	0.927	A BB	21064.	40.000 PPB	1.22
41	65	905	15:05	3	0.944	A BB	7022.	40.000 PPB	1.22
42	163	925	15:25	3	0.965	A BB	20542.	40.000 PPB	1.22
43	152	942	15:42	3	0.982	A BB	34424.	40.000 PPB	1.22
44	138	953	15:53	3	0.994	A BB	1187.	40.000 PPB	1.22
45	153	964	16:04	3	1.005	A BB	19688.	40.000 PPB	1.22
46	232	1001	16:41	3	1.044	A BB	5406.	40.000 PPB	1.22
47	184	967	16:07	3	1.008	A BB	2433.	40.000 PPB	1.22
48	109	969	16:09	3	1.010	A BB	2815.	40.000 PPB	1.22
49	168	982	16:22	3	1.024	A BB	26410.	40.000 PPB	1.22
50	165	983	16:23	3	1.025	A BB	5900.	40.000 PPB	1.22

300538

Chlorzoxipr

Data Subject To Validation

No	Ret(L)	Ratio	RRT(L)	Ratio	Amnt	Amnt(L)	R. Fac	R. Fac(L)	Ratio
1	9:46	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
2	12:25	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
3	15:59	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
4	18:58	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
5	24:33	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
6	29:39	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
7	9:03	1.00	0.927	1.00	40.00	40.00	1.832	1.832	1.00
8	11:00	1.00	0.886	1.00	40.00	40.00	0.394	0.394	1.00
9	14:36	1.00	0.913	1.00	40.00	40.00	1.113	1.113	1.00
10	17:35	1.00	1.100	1.00	40.00	40.00	0.113	0.113	1.00
11	22:06	1.00	0.900	1.00	40.00	40.00	0.914	0.914	1.00
12	9:23	1.00	0.961	1.00	40.00	40.00	1.412	1.412	1.00
13	10:10	1.00	1.041	1.00	40.00	40.00	0.901	0.901	1.00
14	9:04	1.00	0.928	1.00	40.00	40.00	2.075	2.075	1.00
15	9:16	1.00	0.949	1.00	40.00	40.00	2.044	2.044	1.00
16	9:26	1.00	0.966	1.00	40.00	40.00	1.421	1.421	1.00
17	9:10	1.00	0.939	1.00	40.00	40.00	1.798	1.798	1.00
18	10:05	1.00	1.032	1.00	40.00	40.00	1.017	1.017	1.00
19	10:11	1.00	1.043	1.00	40.00	40.00	1.418	1.418	1.00
20	10:18	1.00	1.055	1.00	40.00	40.00	1.436	1.436	1.00
21	10:25	1.00	1.067	1.00	40.00	40.00	1.855	1.855	1.00
22	10:36	1.00	1.085	1.00	40.00	40.00	1.546	1.546	1.00
23	10:40	1.00	1.092	1.00	40.00	40.00	1.123	1.123	1.00
24	10:51	1.00	1.111	1.00	40.00	40.00	0.630	0.630	1.00
25	11:02	1.00	0.889	1.00	40.00	40.00	0.400	0.400	1.00
26	11:29	1.00	0.925	1.00	40.00	40.00	0.792	0.792	1.00
27	11:40	1.00	0.940	1.00	40.00	40.00	0.240	0.240	1.00
28	11:40	1.00	0.940	1.00	40.00	40.00	0.276	0.276	1.00
29	11:53	1.00	0.957	1.00	40.00	40.00	0.493	0.493	1.00
30	12:07	1.00	0.976	1.00	40.00	40.00	0.241	0.241	1.00
31	12:18	1.00	0.991	1.00	40.00	40.00	0.251	0.251	1.00
32	12:28	1.00	1.004	1.00	40.00	40.00	0.992	0.992	1.00
33	12:36	1.00	1.015	1.00	40.00	40.00	0.136	0.136	1.00
34	12:45	1.00	1.027	1.00	40.00	40.00	0.135	0.135	1.00
35	13:30	1.00	1.087	1.00	40.00	40.00	0.250	0.250	1.00
36	13:50	1.00	1.114	1.00	40.00	40.00	0.608	0.608	1.00
37	14:16	1.00	0.893	1.00	40.00	40.00	0.204	0.204	1.00
38	14:26	1.00	0.903	1.00	40.00	40.00	0.279	0.279	1.00
39	14:32	1.00	0.909	1.00	40.00	40.00	0.271	0.271	1.00
40	14:49	1.00	0.927	1.00	40.00	40.00	0.963	0.963	1.00
41	15:05	1.00	0.944	1.00	40.00	40.00	0.321	0.321	1.00
42	15:25	1.00	0.965	1.00	40.00	40.00	0.939	0.939	1.00
43	15:42	1.00	0.982	1.00	40.00	40.00	1.574	1.574	1.00
44	15:53	1.00	0.994	1.00	40.00	40.00	0.054	0.054	1.00
45	16:04	1.00	1.005	1.00	40.00	40.00	0.900	0.900	1.00
46	16:41	1.00	1.044	1.00	40.00	40.00	0.247	0.247	1.00
47	16:07	1.00	1.008	1.00	40.00	40.00	0.111	0.111	1.00
48	16:09	1.00	1.010	1.00	40.00	40.00	0.129	0.129	1.00
49	16:22	1.00	1.024	1.00	40.00	40.00	1.208	1.208	1.00
50	16:23	1.00	1.025	1.00	40.00	40.00	0.270	0.270	1.00

CS022017E

300539

Subject To Validation

Quantitation Report File: CS022095E

Data: CS022095E.TI

02/20/95 12:51:00

Sample: SSTD080 290-12-SV40

Conds.: 0.25 X 30M RTX-5 1.0UM 45/4-300@12

Formula: Instrument: C

Submitted by: Analyst: SRA

INST C

Weight: 1.001

Acct. No.:

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

Resp. fac. from Library Entry

No	Name	
51	C543	2,6DINITROTOLUENE 0.2
52	C580	DIETHYL PHTHALATE
53	C585	4CHLOROPHENYL PHEN 0.4
54	C590	FLUORENE 0.9
55	C610	4,6DINITRO2METHYLPH
56	C615	*DIPHENYLAMINE
57	C625	4BROMOPHENYL PHENY 0.1
58	C630	CL6BENZENE 0.1 T
59	C635	*PENTACHLOROPHENOL 0.05 T
60	C640	PHENANTHRENE 0.7
61	C645	ANTHRACENE 0.7
62	C650	DI-NBUTYLPHTHALATE
63	C655	*FLUORANTHENE 0.6
64	D200	1,2-DIPHENYLHYDRAZINE
65	C647	CARBAZOLE
66	C715	PYRENE 0.6
67	C720	BUTYLBENZYLPHTHALATE
68	C725	3,3'CL2BENZIDINE
69	C730	BENZO(A)ANTHRACENE 0.8
70	C740	BIS(2ETHYLHEXYL)PTH
71	C735	CHRYSENE 0.7
72	C760	*DI-N-OCTYLPHTHALATE
73	C775	*BENZO(A)PYRENE 0.7
74	C780	INDENO(1,2,3CD)PYR 0.5
75	C785	DIBENZO(A,H)ANTHRA 0.4
76	C790	BENZO(G,H,I)PERYLE 0.5
77	C765	BENZO(B)FLUORANTHE 0.7
78	C770	BENZO(K)FLUORANTHE 0.7
79	C595	4-NITROANILINE
80	C430	BENZOIC ACID
81	C335	1,3DICHLOROBENZENE 0.6
82	C340	*1,4DICHLOROBENZENE 0.5 T
83	CS50	2-FLUOROPHENOL 0.6 (SS-5)
84	C310	N-NITROSODIMETHYLAMINE
85	C319	PYRIDINE T

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
51	165	937	15:37	3	0.977	A BB	4822.	40.000 PPB	1.22
52	149	1008	16:48	3	1.051	A BB	18970.	40.000 PPB	1.22
53	204	1019	16:59	3	1.063	A BB	10152.	40.000 PPB	1.22
54	166	1024	17:04	3	1.068	A BB	20952.	40.000 PPB	1.22
55	198	1033	17:13	4	0.908	A BB	3323.	40.000 PPB	1.22
56	169	1035	17:15	4	0.909	A BB	8839.	40.000 PPB	1.22
57	248	1078	17:58	4	0.947	A BB	5192.	40.000 PPR	1.22
58	284	1100	18:20	4	0.967	A BB	5541.	40.000 PPL	1.22

300540

Data Subject to Validation

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
59	266	1120	18:40	4	0.984	A BB	3912.	40.000 PPB	1.22
60	178	1141	19:01	4	1.003	A BV	25819.	40.000 PPB	1.22
61	178	1146	19:06	4	1.007	A VB	27063.	40.000 PPB	1.22
62	149	1200	20:00	4	1.054	A BB	33674.	40.000 PPB	1.22
63	202	1286	21:26	4	1.130	A BB	23471.	40.000 PPB	1.22
64	77	1040	17:20	4	0.914	A VB	33484.	40.000 PPB	1.22
65	167	1163	19:23	4	1.022	A BB	5003.	40.000 PPB	1.22
66	202	1315	21:55	5	0.893	A BB	25477.	40.000 PPB	1.22
67	149	1384	23:04	5	0.940	A BB	13220.	40.000 PPB	1.22
68	252	1460	24:20	5	0.991	A BB	4810.	40.000 PPB	1.22
69	228	1469	24:29	5	0.997	A BV	20454.	40.000 PPB	1.22
70	149	1457	24:17	5	0.989	A BB	18096.	40.000 PPB	1.22
71	228	1477	24:37	5	1.003	A VB	19950.	40.000 PPB	1.22
72	149	1559	25:59	6	0.876	A BB	28811.	40.000 PPB	1.22
73	252	1762	29:22	6	0.990	A BB	17230.	40.000 PPB	1.22
74	276	2144	35:44	6	1.205	A BB	19109.	40.000 PPB	1.22
75	278	2146	35:46	6	1.206	A BB	15977.	40.000 PPB	1.22
76	276	2257	37:37	6	1.269	M XX	16579.	40.000 PPB	1.22
77	252	1678	27:58	6	0.943	M XX	18018.	40.000 PPB	1.22
78	252	1685	28:05	6	0.947	M XX	20587.	40.000 PPB	1.22
79	138	1029	17:09	3	1.073	A BB	1411.	40.000 PPB	1.22
80	122	713	11:53	2	0.957	M XX	7232.	40.000 PPB	1.22
81	146	581	9:41	1	0.991	M XX	16082.	40.000 PPB	1.22
82	146	589	9:49	1	1.005	M XX	17879.	40.000 PPB	1.22
83	112	424	7:04	1	0.724	M XX	14571.	40.000 PPB	1.22
84	74	238	3:58	1	0.406	M XX	9890.	40.000 PPB	1.22
85	79	237	3:57	1	0.404	M XX	16888.	40.000 PPB	1.22

No	Ret(L)	Ratio	RRT(L)	Ratio	Amnt	Amnt(L)	R. Fac	R. Fac(L)	Ratio
51	15:37	1.00	0.977	1.00	40.00	40.00	0.220	0.220	1.00
52	16:48	1.00	1.051	1.00	40.00	40.00	0.867	0.867	1.00
53	16:59	1.00	1.063	1.00	40.00	40.00	0.464	0.464	1.00
54	17:04	1.00	1.068	1.00	40.00	40.00	0.958	0.958	1.00
55	17:13	1.00	0.908	1.00	40.00	40.00	0.151	0.151	1.00
56	17:15	1.00	0.909	1.00	40.00	40.00	0.401	0.401	1.00
57	17:58	1.00	0.947	1.00	40.00	40.00	0.236	0.236	1.00
58	18:20	1.00	0.967	1.00	40.00	40.00	0.251	0.251	1.00
59	18:40	1.00	0.984	1.00	40.00	40.00	0.177	0.177	1.00
60	19:01	1.00	1.003	1.00	40.00	40.00	1.171	1.171	1.00
61	19:06	1.00	1.007	1.00	40.00	40.00	1.228	1.228	1.00
62	20:00	1.00	1.054	1.00	40.00	40.00	1.528	1.528	1.00
63	21:26	1.00	1.130	1.00	40.00	40.00	1.065	1.065	1.00
64	17:20	1.00	0.914	1.00	40.00	40.00	1.519	1.519	1.00
65	19:23	1.00	1.022	1.00	40.00	40.00	0.227	0.227	1.00
66	21:55	1.00	0.893	1.00	40.00	40.00	1.425	1.425	1.00
67	23:04	1.00	0.940	1.00	40.00	40.00	0.739	0.739	1.00
68	24:20	1.00	0.991	1.00	40.00	40.00	0.269	0.269	1.00
69	24:29	1.00	0.997	1.00	40.00	40.00	1.144	1.144	1.00
70	24:17	1.00	0.989	1.00	40.00	40.00	1.012	1.012	1.00
71	24:37	1.00	1.003	1.00	40.00	40.00	1.116	1.116	1.00
72	25:59	1.00	0.876	1.00	40.00	40.00	1.641	1.641	1.00
73	29:22	1.00	0.990	1.00	40.00	40.00	0.981	0.981	1.00
74	35:44	1.00	1.205	1.00	40.00	40.00	1.088	1.088	1.00
75	35:46	1.00	1.206	1.00	40.00	40.00	0.910	0.910	1.00
76	37:37	1.00	1.269	1.00	40.00	40.00	0.944	0.944	1.00
77	27:58	1.00	0.943	1.00	40.00	40.00	1.026	1.026	1.00

300541

DATE ANALYZED: 10/10/2000

No	Ret(L)	Ratio	RRT(L)	Ratio	Amnt	Amnt(L)	R. Fac	R. Fac(L)	Ratio
78	28:05	1.00	0.947	1.00	40.00	40.00	1.173	1.173	1.00
79	17:09	1.00	1.073	1.00	40.00	40.00	0.065	0.065	1.00
80	11:53	1.00	0.957	1.00	40.00	40.00	0.162	0.162	1.00
81	9:41	1.00	0.991	1.00	40.00	40.00	1.482	1.482	1.00
82	9:49	1.00	1.005	1.00	40.00	40.00	1.648	1.648	1.00
83	7:04	1.00	0.724	1.00	40.00	40.00	1.343	1.343	1.00
84	3:58	1.00	0.406	1.00	40.00	40.00	0.912	0.912	1.00
85	3:57	1.00	0.404	1.00	40.00	40.00	1.556	1.556	1.00

05022095E

300542

Data Subject To Validation

Initial Calibration Data

Instrument Identifier: C

Calibration Date: 2/20/95

MIN RF: SW(&) = .05 CLP = .01 OR BELOW

MAX %RSD: SW(*) = 30% CLP = 20.5%

Compound		RF 10	RF 25	RF 40	RF 60	RF 80	Mean RF	%RSD	
CS50	2-FLUOROPHENOL	0.6	1.275	1.169	1.343	1.286	1.189	1.253	5.754
CS45	D5-PHENOL	0.8	1.774	1.557	1.832	1.738	1.636	1.708	6.438
CS20	D5-NITROBENZENE	0.2	0.394	0.342	0.394	0.410	0.387	0.386	6.621
CS25	2-FLUOROBIPHENYL	0.7	1.100	0.971	1.113	1.018	1.004	1.042	5.961
CS55	2,4,6-TRIBROMOPHENOL	0.105	0.107	0.113	0.117	0.108	0.111	0.111	4.417
CS30	D14-P-TERPHENYL	0.5	0.900	0.791	0.914	0.863	0.792	0.852	6.858
CS70	2-CHLOROPHENOL-D4	0.8	1.292	1.221	1.412	1.318	1.259	1.301	5.556
CS75	1,2-CL2BENZENE-D4	0.4	0.840	0.773	0.901	0.834	0.819	0.834	5.520
C315	*PHENOL	0.8	2.166	1.906	2.075	1.985	1.885	2.004	5.871 ✓
C325	BIS(2CHLOROETHYL)E	0.7	2.237	1.833	2.044	1.861	1.600	1.915	12.503
C330	2CHLOROPHENOL	0.8	1.344	1.268	1.421	1.341	1.279	1.331	4.594
C335	1,3DICHLORO BENZENE	0.6	1.401	1.390	1.482	1.428	1.311	1.403	4.436
C340	*1,4DICHLORO BENZENE	0.5	1.354	1.417	1.648	1.393	1.356	1.434	8.557 ✓
C320	ANILINE		3.064	1.840	1.798	1.739	1.764	2.042	28.062
C310	N-NITROSODIMETHYLAMINE		0.863	0.647	0.912	0.946	0.918	0.858	14.120
C319	PYRIDINE		1.308	0.632	1.556	1.665	1.032	1.239	33.721
C345	BENZYL ALCOHOL		0.897	0.852	1.017	0.971	0.924	0.932	6.875
C350	1,2DICHLORO BENZENE	0.4	1.300	1.322	1.418	1.316	1.271	1.326	4.186
C355	2METHYLPHENOL	0.7	1.369	1.269	1.436	1.385	1.327	1.358	4.623
C357	2,2'DOXYBIS(1CHLOROPR		1.790	1.700	1.855	1.759	1.751	1.771	3.211
C365	4METHYLPHENOL	0.6	1.427	1.290	1.546	1.455	1.419	1.428	6.427
C370	&NITROSOPROPYLAMINE	0.5	1.045	1.033	1.123	1.052	1.031	1.058 ✓	3.576
C375	HEXACHLOROETHANE	0.3	0.565	0.581	0.630	0.604	0.576	0.592	4.410
C410	NITROBENZENE	0.2	0.401	0.376	0.400	0.416	0.378	0.395	4.341
C415	ISOPHORONE	0.4	0.776	0.756	0.792	0.834	0.761	0.784	3.991
C420	*2-NITROPHENOL	0.1	0.205	0.223	0.240	0.268	0.175	0.223	15.662 ✓
C425	2,4-DIMETHYLPHENOL	0.2	0.266	0.242	0.276	0.289	0.274	0.270	6.349
C430	BENZOIC ACID		0.106	0.121	0.162	0.194	0.202	0.157	27.097
C435	BIS(2CHLOROETHOXY)	0.3	0.473	0.475	0.493	0.492	0.468	0.481	2.410
C440	*2,4DICHLOROPHENOL	0.2	0.234	0.216	0.241	0.248	0.240	0.236	5.081 ✓
C445	1,2,4TRICHLORO BENZ	0.2	0.248	0.245	0.251	0.250	0.234	0.246	2.902
C450	NAPHTHALENE	0.7	1.004	0.927	0.992	0.984	0.910	0.964	4.371
C455	4-CHLOROANILINE		0.286	0.166	0.136	0.134	0.201	0.185	34.077
C460	*CL6BUTADIENE		0.129	0.132	0.135	0.134	0.128	0.132	2.256 ✓
C465	*4CHLORO3METHYLPHEN	0.2	0.260	0.214	0.250	0.271	0.264	0.252	8.898 ✓
C470	2METHYLNAPHTHALENE	0.4	0.623	0.583	0.608	0.615	0.556	0.598	4.578
C510	&CL6CYCLOPENTADIENE		0.124	0.169	0.204	0.190	0.205	0.179 ✓	18.764
C515	*246TRICHLOROPHNEOL	0.2	0.265	0.259	0.279	0.287	0.293	0.277	5.161 ✓
C520	2,4,5TRICHLOROPHEN	0.2	0.272	0.249	0.271	0.276	0.287	0.272	5.061
C525	2CHLORONAPHTHALENE	0.8	0.921	0.942	0.963	0.944	0.913	0.937	2.145
C530	2-NITROANILINE		0.326	0.288	0.321	0.306	0.321	0.313	5.048
C535	DIMETHYL PHTHALATE		0.937	0.903	0.939	0.963	0.929	0.935	2.298
C540	ACENAPHTHYLENE	1.3	1.516	1.445	1.574	1.469	1.364	1.474	5.337
C545	3-NITROANILINE		0.215	0.092	0.054	0.023	0.033	0.084	93.208
C550	*ACENAPHTHENE	0.8	0.888	0.841	0.900	0.842	0.815	0.858	4.160 ✓
C521	2,3,4,6-TETRACHLOROPHE		0.264	0.236	0.247	0.241	0.232	0.245	5.080
C555	&2,4DINITROPHENOL		0.097	0.095	0.111	0.129	0.138	0.115 ✓	16.736

300543

C560	4-NITROPHENOL		0.136	0.116	0.129	0.139	0.147	0.134	8.846
C565	DIBENZOFURAN	0.8	1.279	1.178	1.208	1.216	1.151	1.207	3.992
C570	2,4-DINITROTOLUENE	0.2	0.279	0.261	0.270	0.292	0.286	0.278	4.511
C543	2,6-DINITROTOLUENE	0.2	0.209	0.206	0.220	0.232	0.237	0.221	6.204
C580	DIETHYL PHTHALATE		0.976	0.888	0.867	0.935	0.874	0.909	5.095
C585	4-CHLOROPHENYL PHEN	0.4	0.465	0.435	0.464	0.473	0.433	0.455	4.087
C590	FLUORENE	0.9	0.974	0.913	0.958	0.968	0.943	0.952	2.541
C595	4-NITROANILINE		0.123	0.081	0.065	0.049	0.054	0.075	40.127
C610	4,6-DINITRO2METHYLPH		0.143	0.128	0.151	0.160	0.161	0.149	9.004
C615	*DIPHENYLAMINE		0.598	0.395	0.401	0.346	0.308	0.410	27.362
C625	4-BROMOPHENYL PHENY	0.1	0.232	0.225	0.236	0.240	0.215	0.230	4.297
C630	CL6BENZENE	0.1	0.259	0.234	0.251	0.245	0.221	0.243	6.195
C635	*PENTACHLOROPHENOL	0.05	0.167	0.162	0.177	0.181	0.172	0.172	4.629
C640	PHENANTHRENE	0.7	1.177	1.144	1.171	1.152	1.088	1.147	3.082
C645	ANTHRACENE	0.7	1.246	1.168	1.228	1.249	1.138	1.206	4.143
C650	DI-NBUTYLPHTHALATE		1.504	1.409	1.528	1.560	1.464	1.493	3.919
C655	*FLUORANTHENE	0.6	1.090	1.003	1.065	1.104	1.091	1.071	3.765
D200	1,2-DIPHENYLHYDRAZINE		1.502	1.352	1.519	1.472	1.408	1.451	4.796
C647	CARBAZOLE		0.982	0.496	0.227	0.112	0.113	0.386	95.302
C715	PYRENE	0.6	1.332	1.365	1.425	1.361	1.218	1.341	5.698
C720	BUTYLBENZYLPHTHALATE		0.688	0.688	0.739	0.727	0.682	0.705	3.761
C725	3,3'-CL2BENZIDINE		0.287	0.261	0.269	0.253	0.231	0.261	7.895
C730	BENZO(A)ANTHRACENE	0.8	1.116	1.069	1.144	1.134	1.061	1.105	3.408
C740	BIS(2ETHYLHEXYL)PHTH		0.961	0.908	1.012	0.979	0.951	0.963	3.971
C735	CHRYSENE	0.7	1.109	1.037	1.116	1.096	1.000	1.072	4.734
C760	*DI-N-OCTYLPHTHALATE		1.413	1.441	1.641	1.517	1.643	1.531	7.062
C765	BENZO(B)FLUORANTHE	0.7	0.991	0.949	1.026	1.034	1.137	1.028	6.816
C770	BENZO(K)FLUORANTHE	0.7	1.022	0.996	1.173	1.130	0.862	1.037	11.765
C775	*BENZO(A)PYRENE	0.7	0.893	0.914	0.981	0.940	0.928	0.932	3.540
C780	INDENO(1,2,3CD)PYR	0.5	0.857	1.044	1.088	1.006	0.981	0.996	8.749
C785	DIBENZO(A,H)ANTHRA	0.4	0.696	0.848	0.910	0.828	0.908	0.838	10.396
C790	BENZO(G,H,I)PERYLE	0.5	0.741	0.882	0.944	0.885	0.902	0.871	8.819

CS022095A-E

300544

Data Subject To Validation

MASS SPECTRUM

02/21/95 10:16:00 + 7:56

SAMPLE: DFTPP 290-14-FERF

CONDS.: 0.25 X 30M RTX-5 1.0UM 45/4-300012 INST C

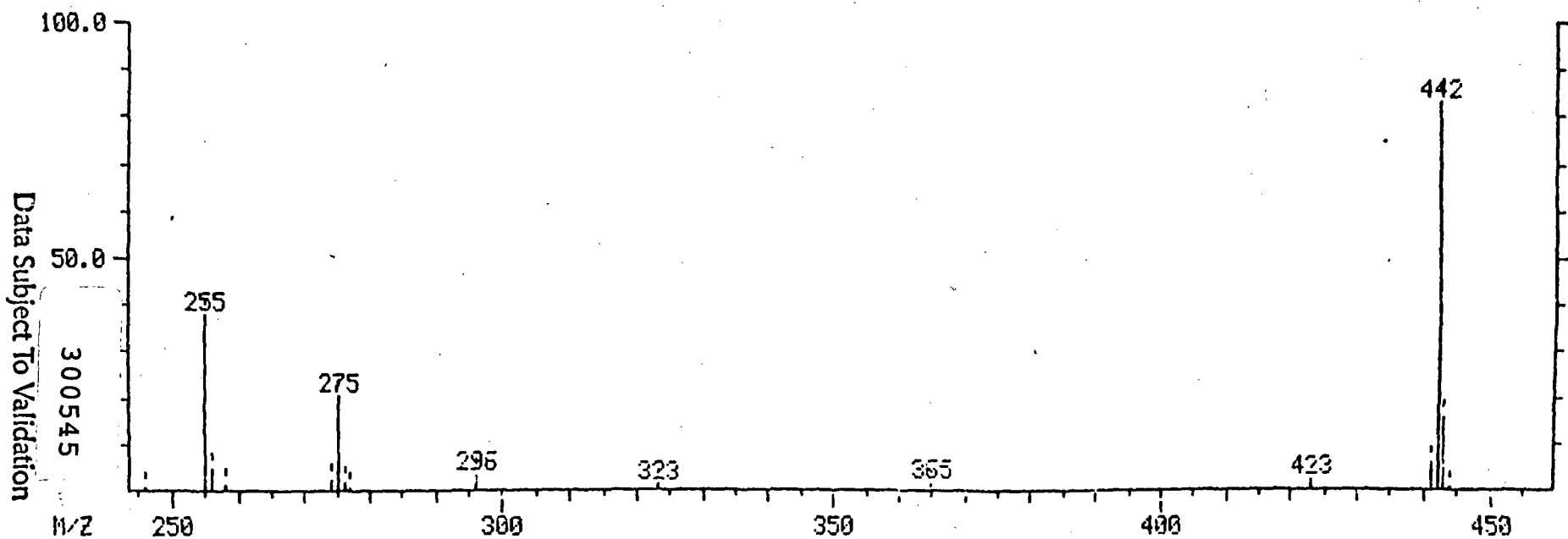
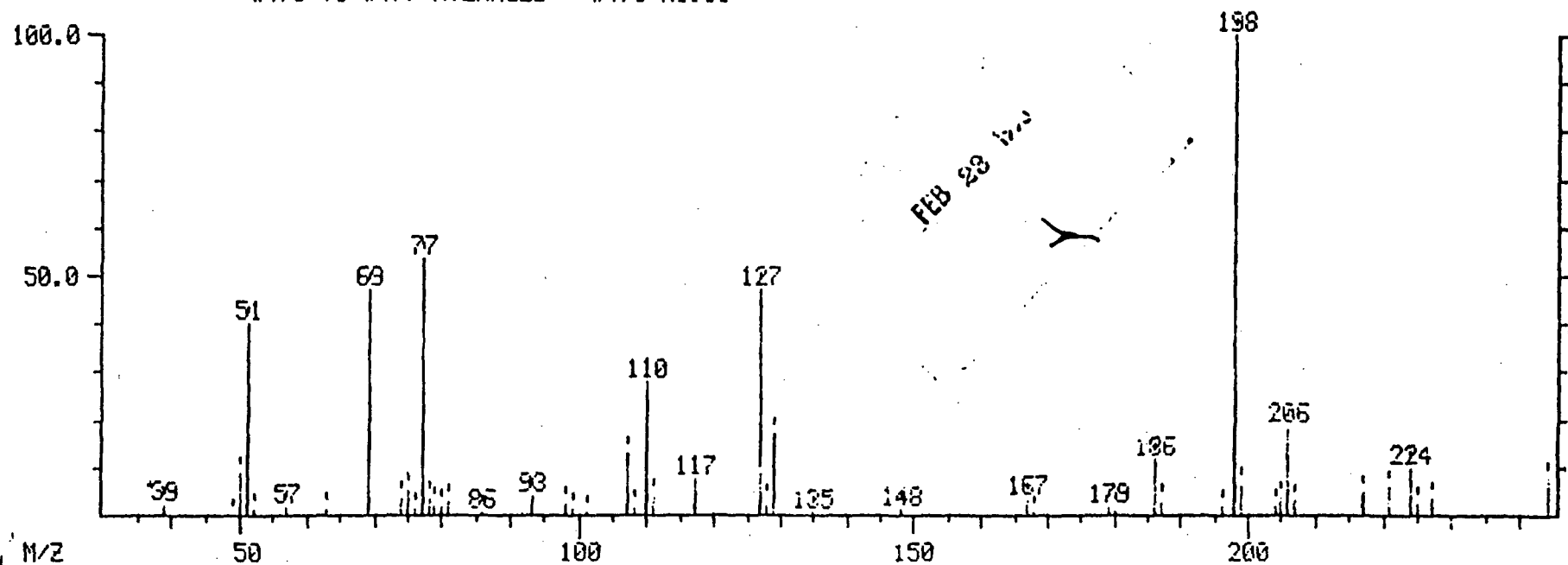
#475 TO #477 AVERAGED - #470 X1.00

DATA: CP022195A #476

CALI: CP022195A #1

BASE M/Z: 198

RIC: 7640.



1122
Data Subject To Validation

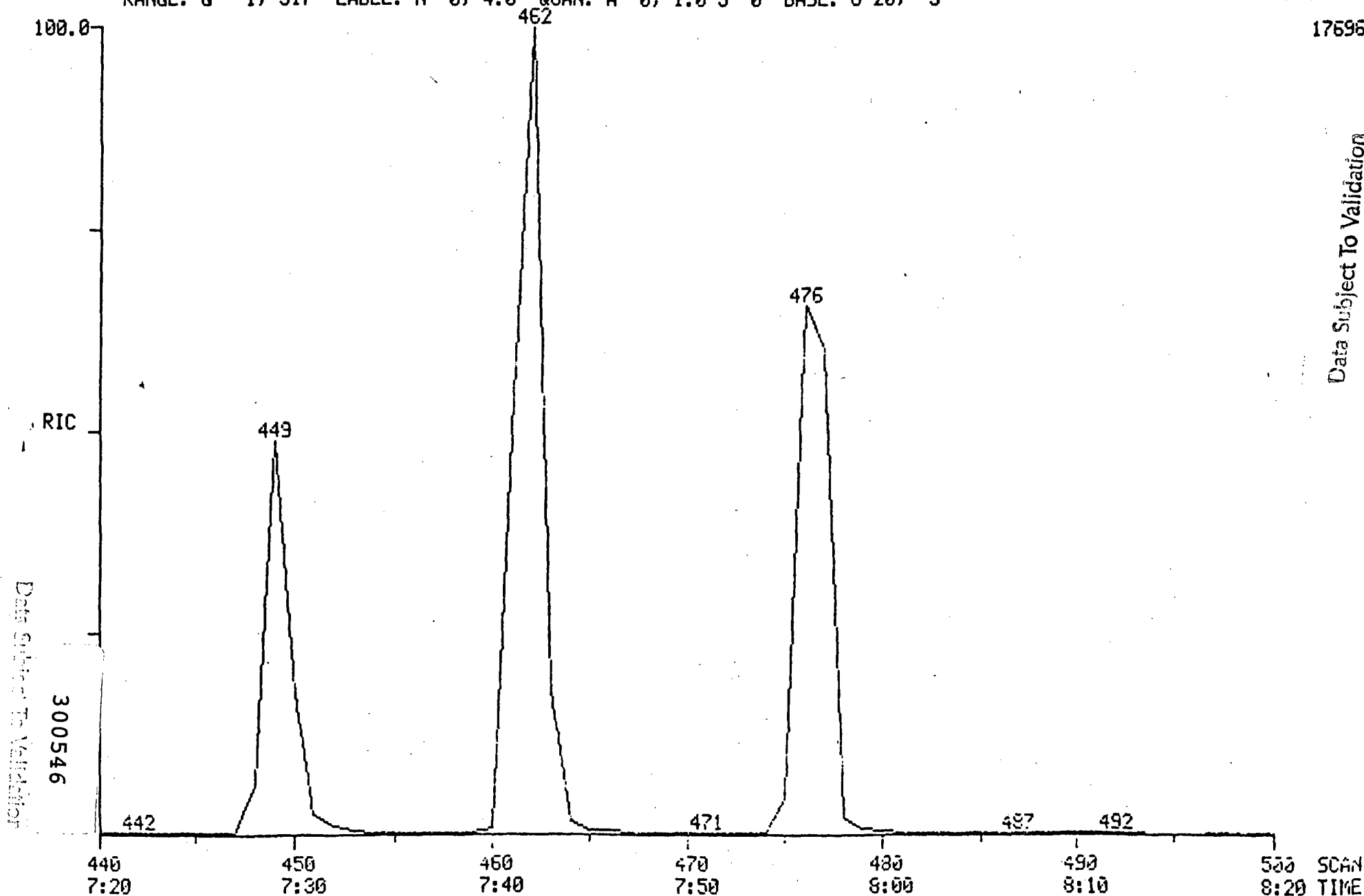
1122.

RIC
02/21/95 10:16:00
SAMPLE: DFTPP 230-14-PERF
COMDS.: 0.25 X 30M RTX-5 1.0UM 45/4-300@12 INST C
RANGE: G 1, 517 LABEL: N 0, 4.0 QUAN: A 0, 1.0 J 0 BASE: U 20, 3

DATA: CP022195A #475
CALI: CP022195A #1

SCANS 440 TO 500

17696.



RIC+MASS CHROMATOGRAM

02/21/95 10:16:00

SAMPLE: DFTPP 290-14-PERF

COND5.: 0.25 X 30M RTX-5 1.0UM 45/4-300@12 INST C

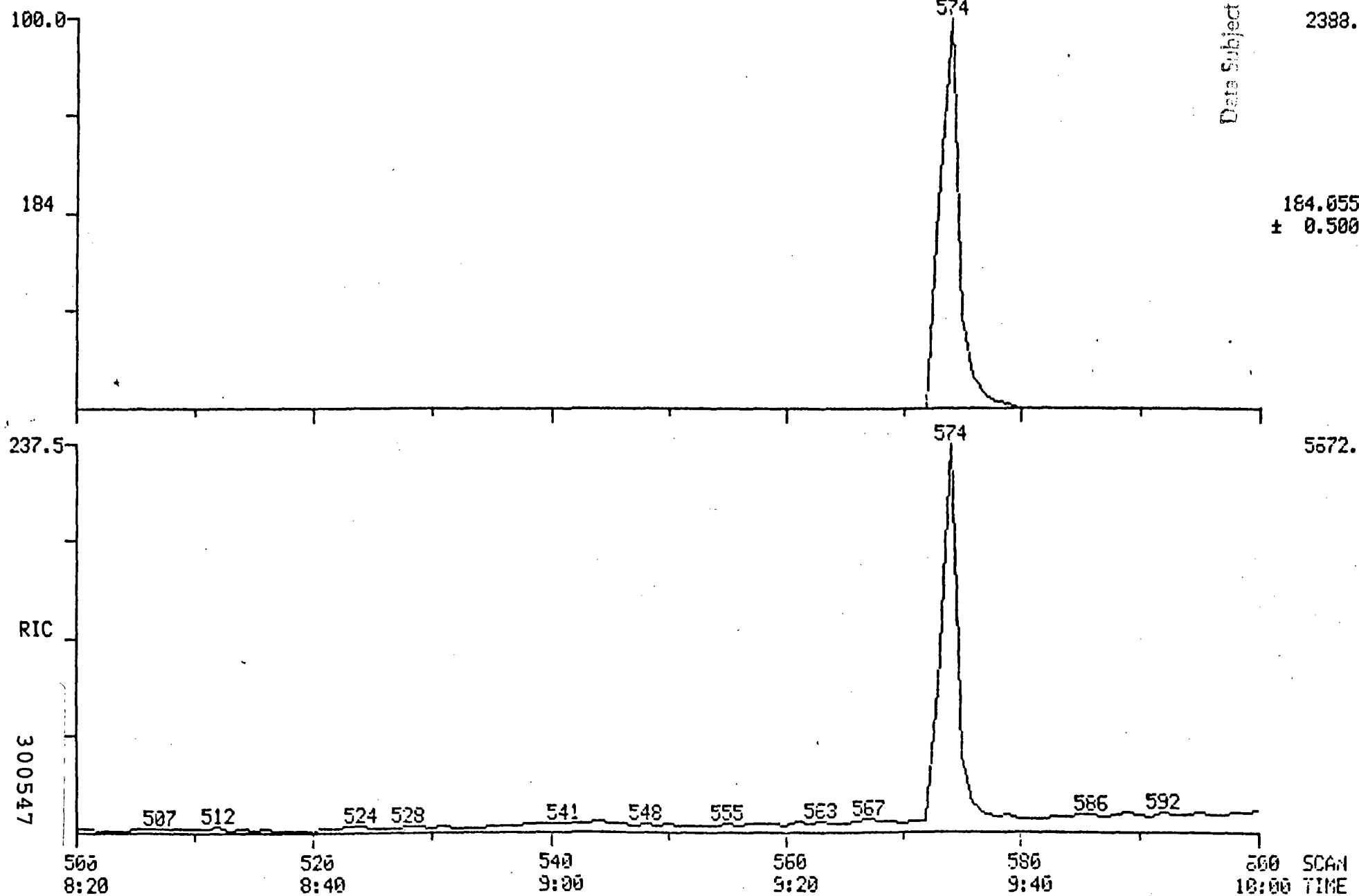
RANGE: G 1, 620 LABEL: N 0, 4.0 QUAN: A 0, 1.0 J 0 BASE: U 20, 3

DATA: CP022195A #475

SCANS 500 TO 600

CALI: CP022195A #1

Data Subject To Validation



Data Subject To Validation

RIC

300547

2388.

184.055
± 0.500

5672.

500 SCAN
8:20 8:40 9:00 9:20 9:40 10:00 TIME

Mass List

02/21/95 10:16:00 + 7:56

Data: CP022195A # 476

Base m/z: 198

Call: CP022195A # 1

RIC: 7640.

Sample: DFTPP 290-14-PERF

Conds.: 0.25 X 30M RTX-5 1.0UM 45/4-300e12 INST C

#475 to #477 averaged - #470 X1.00

39 444 Mass	0.00 % RA	0. Inten.	Minima Maxima Mass	Min #	Inten: 0 % RA	0. Inten.	
39?	S	2.05	23.	246	S	0.62	7.
49?	S	0.27	3.	255	S	37.79	424.
50?	S	8.47	95.	256	S	4.81	54.
51?	S	40.29	452.	258	S	0.89	10.
52?	S	1.16	13.	274	S	2.41	27.
57?	S	1.78	20.	275	S	20.59	231.
63?	S	0.98	11.	276	S	1.52	17.
69	S	47.15	529.	277	S	0.53	6.
74	S	3.39	38.	296	S	3.65	41.
75	S	5.17	58.	323	S	0.89	10.
76	S	1.16	13.	365	S	1.52	17.
77	S	53.48	600.	423	S	2.58	29.
78	S	3.21	36.	441	S	5.88	66.
79	S	2.14	24.	442	S	83.33	935.
80	S	1.78	20.	443	S	15.78	177.
81	S	3.03	34.	444	S	0.71	8.
86	S	0.80	9.				
93	S	4.10	46.				
98	S	2.41	27.				
99	S	1.34	15.				
101	S	0.62	7.				
107	S	12.57	141.				
108	S	1.78	20.				
110	S	27.90	313.				
111	S	3.92	44.				
117	S	7.31	82.				
127	S	47.24	530.				
128	S	3.12	35.				
129	S	17.02	191.				
135	S	0.62	7.				
148	S	0.89	10.				
167	S	3.48	39.				
168	S	0.53	6.				
179	S	1.78	20.				
180	S	1.43	16.				
186	S	11.59	130.				
187	S	2.85	32.				
196	S	1.60	18.				
198	S	100.00	1122.				
199	S	6.33	71.				
204	S	1.69	19.				
205	S	3.74	42.				
206	S	18.81	211.				
207	S	2.94	33.				
217	S	4.55	51.				
221	S	5.97	67.				
224	S	9.80	110.				
225	S	2.05	23.				
227	S	3.48	39.				
244	S	7.40	83.				

300548

Data Subject To Validation

GC/MS Tuning and Mass Calibration

DECAFLUOROTRIPHENYLPHOSPHINE

Case Number: Laboratory: GULF Contract:
Inst ID: C Sens Date: 02/21/95 Sens Time: 10:16:00
Lab ID: CP022195A Cali Date: 10/02/91 Analyst: JAM

Data release authorized by: _____

M/E	Ion Abundance Criteria	Spec # 475
===	=====	=====
51	30 to 60% of mass 198	40.29
68	less than 2% of mass 69	0.00 (0.00) 1
69	mass 69 relative abundance	47.15
70	less than 2% of mass 69	0.00 (0.00) 1
127	40 TO 60% of mass 198	47.24
197	less than 1% of mass 198	0.00
198	base peak, 100% relative abundance	100.00
199	5 TO 9% of mass 198	6.33
275	10 TO 30% of mass 198	20.59
365	greater than 1% of mass 198	1.52
441	less than mass 443	5.88
442	greater than 40% of mass 198	83.33
443	17 TO 23% of mass 442	15.78 (18.93) 2

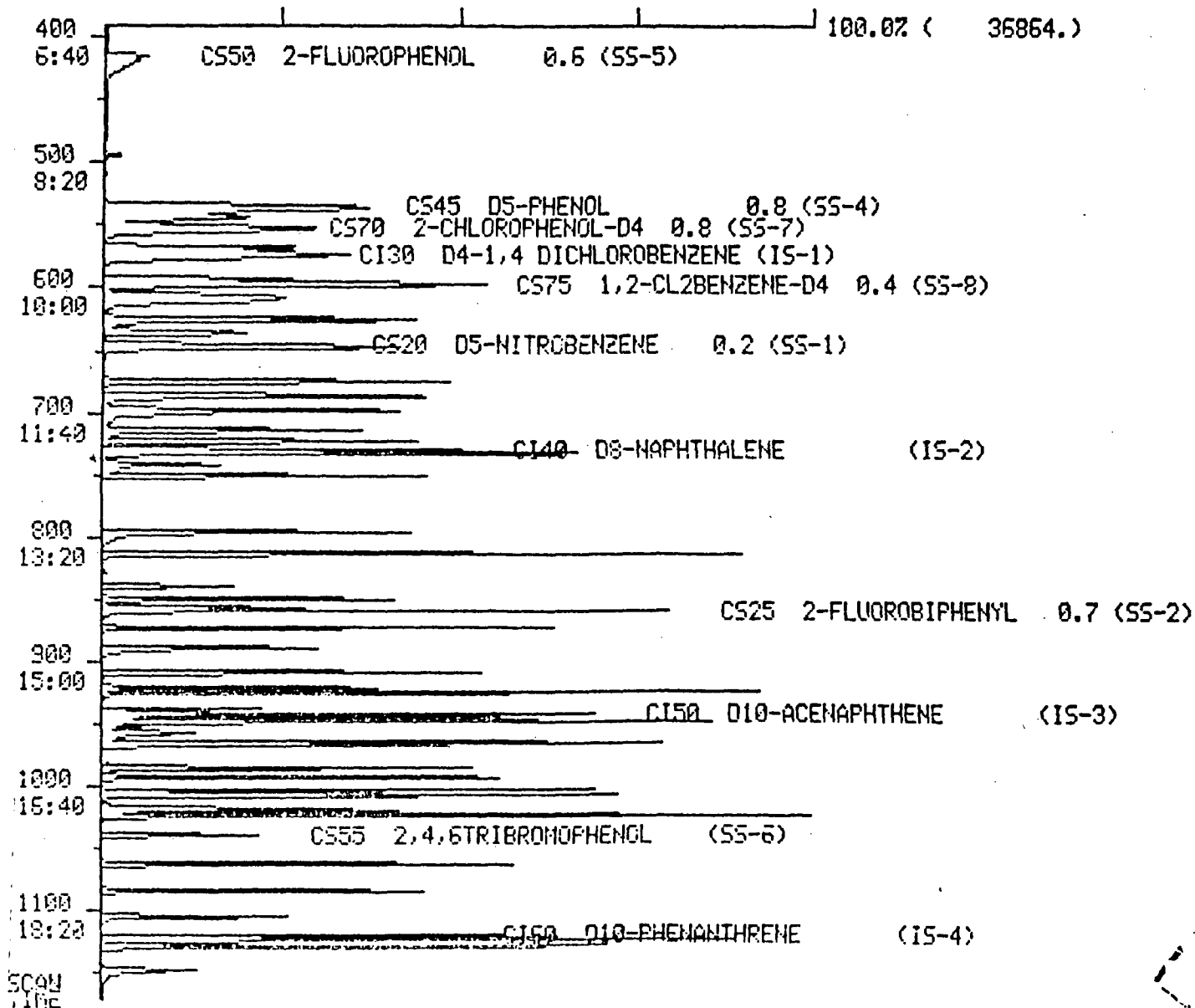
1 - value in parenthesis is % of mass 69

2 - value in parenthesis is % of mass 442

300549

Date Subject To Validation

DATA FROM FILE: CS022195A SCANS 391 TO 1171 ACQUIRED: 02/21/95 10:32:00
CALI: CS022195A #1
SAMPLE: SSTD050 290-12-SU25
CONDS.: 0.25 X 30M RTX-5 1.0UM 45/4-300012 INST C



Data Subject To Validation

300550

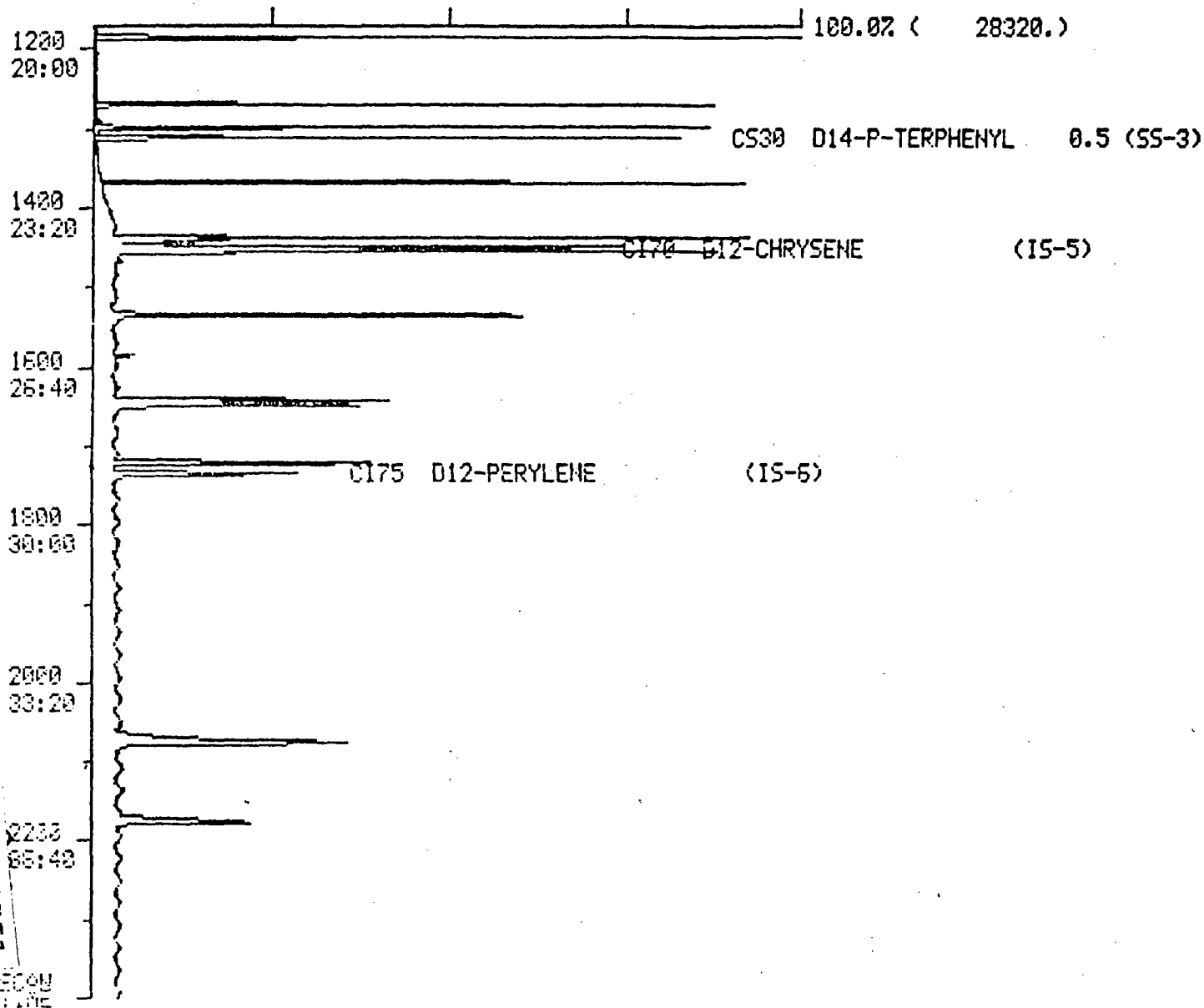
APR 23 1995

DATA FROM FILE: C5022195A SCANS 1171 TO 2400 ACQUIRED: 02/21/95 10:32:00

CALI: C5022195A #1

SAMPLE: SSTD050 290-12-SU25

CONDS.: 0.25 X 30M RTX-5 1.0UM 45/4-300012 INST C



Data: CS022195A.TI

02/21/95 10:32:00

Sample: SSTD050 290-12-SV25

Conds.: 0.25 X 30M RTX-5 1.0UM 45/4-300@12

INST C

Formula: Instrument: C

Weight: 1.000

Submitted by: Analyst: JAM

Acct. No.:

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

Resp. fac. from Library Entry

No	Name
1	CI30 D4-1,4 DICHLOROBENZENE (IS-1)
2	CI40 DB-NAPHTHALENE (IS-2)
3	CI50 D10-ACENAPHTHENE (IS-3)
4	CI70 D12-CHRYSENE (IS-5)
5	CI75 D12-PERYLENE (IS-6)
6	CS45 D5-PHENOL 0.8 (SS-4)
7	CS20 D5-NITROBENZENE 0.2 (SS-1)
8	CS25 2-FLUOROBIPHENYL 0.7 (SS-2)
9	CS55 2,4,6TRIBROMOPHENOL (SS-6)
10	CS30 D14-P-TERPHENYL 0.5 (SS-3)
11	CS70 2-CHLOROPHENOL-D4 0.8 (SS-7)
12	CS75 1,2-CL2BENZENE-D4 0.4 (SS-8)
13	C315 *PHENOL 0.8
14	C325 BIS(2CHLOROETHYL)E 0.7
15	C330 2CHLOROPHENOL 0.8
16	C335 1,3DICHLOROBENZENE 0.6
17	C340 *1,4DICHLOROBENZENE 0.5 T
18	C320 ANILINE
19	C345 BENZYL ALCOHOL
20	C350 1,2DICHLOROBENZENE 0.4
21	C355 2METHYLPHENOL 0.7 T
22	C357 2,2'OXYBIS(1CHLOROPR
23	C365 4METHYLPHENOL 0.6 T
24	C370 &NITROSOPROPYLAMINE 0.5
25	C375 HEXACHLOROETHANE 0.3 T
26	C410 NITROBENZENE 0.2 T
27	C415 ISOPHORONE 0.4
28	C420 *2-NITROPHENOL 0.1
29	C425 2,4-DIMETHYLPHENOL 0.2
30	C430 BENZOIC ACID
31	C435 BIS(2CHLORDETHOXY) 0.3
32	C440 *2,4DICHLOROPHENOL 0.2
33	C445 1,2,4TRICHLOROBENZ 0.2
34	C450 NAPHTHALENE 0.7
35	C455 4-CHLOROANILINE
36	C460 *CL6BUTADIENE T
37	C465 *4CHLORO3METHYLPHEN 0.2
38	C470 2METHYLNAPHTHALENE 0.4
39	C510 &CL6CYCLOPENTADIENE
40	C525 2CHLORONAPHTHALENE 0.8
41	C530 2-NITROANILINE
42	C535 DIMETHYL PHTHALATE
43	C540 ACENAPHTHYLENE 1.3
44	C545 3-NITROANILINE
45	C550 *ACENAPHTHENE 0.8
46	C321 2,3,4,6-TETRACHLOROPHENOL
47	C555 &2,4DJNITROPHENOL

300552

Data Subject To Validation

No Name
 48 C560 &4NITROPHENOL
 49 C565 DIBENZOFURAN 0.8
 50 C570 2,4DINITROTOLUENE 0.2 T

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
1	152	571	9:31	1	1.000	A BB	6056.	20.000 PPB	0.95
2	136	728	12:08	2	1.000	A BB	24401.	20.000 PPB	0.95
3	164	941	15:41	3	1.000	A BB	13689.	20.000 PPB	0.95
4	240	1450	24:10	4	1.000	A BB	12645.	20.000 PPB	0.95
5	264	1733	28:53	5	1.000	A BB	12189.	20.000 PPB	0.95
6	99	533	8:53	1	0.933	A BB	12197.	25.000 PPB	1.19
7	82	644	10:44	2	0.885	A BB	10821.	25.000 PPB	1.19
8	172	858	14:18	3	0.912	A BB	15422.	25.000 PPB	1.19
9	330	1037	17:17	3	1.102	A BB	1990.	25.000 PPB	1.19
10	244	1309	21:49	4	0.903	A BB	12391.	25.000 PPB	1.19
11	132	550	9:10	1	0.963	A BB	9295.	25.000 PPB	1.19
12	152	595	9:55	1	1.042	A BB	5634.	25.000 PPB	1.19
13	94	534	8:54	1	0.935	A BB	14426.	25.000 PPB	1.19
14	93	542	9:02	1	0.949	A VB	14110.	25.000 PPR	1.19
15	128	553	9:13	1	0.968	A BB	9220.	25.000 PPB	1.19
16	146	566	9:26	1	0.991	A BV	9806.	25.000 PPB	1.19
17	146	574	9:34	1	1.005	A VB	10833.	25.000 PPB	1.19
18	93	536	8:56	1	0.939	A BV	13184.	25.000 PPB	1.19
19	108	592	9:52	1	1.037	A BB	6129.	25.000 PPB	1.19
20	146	596	9:56	1	1.044	A BB	9803.	25.000 PPB	1.19
21	108	605	10:05	1	1.060	A BB	9011.	25.000 PPB	1.19
22	45	609	10:09	1	1.067	A BB	12693.	25.000 PPB	1.19
23	108	623	10:23	1	1.091	A BB	9782.	25.000 PPB	1.19
24	70	625	10:25	1	1.095	A BB	7476.	25.000 PPB	1.19
25	117	634	10:34	1	1.110	A BB	4165.	25.000 PPB	1.19
26	77	646	10:46	2	0.887	A BB	11715.	25.000 PPB	1.19
27	82	673	11:13	2	0.924	A BV	22977.	25.000 PPR	1.19
28	139	684	11:24	2	0.940	A BB	5682.	25.000 PPB	1.19
29	107	686	11:26	2	0.942	A BB	7500.	25.000 PPB	1.19
30	122	700	11:40	2	0.962	A VV	4006.	25.000 PPB	1.19
31	93	697	11:37	2	0.957	A BB	14040.	25.000 PPB	1.19
32	162	712	11:52	2	0.978	A BB	7262.	25.000 PPB	1.19
33	180	721	12:01	2	0.990	A BB	7486.	25.000 PPB	1.19
34	128	731	12:11	2	1.004	A BV	28314.	25.000 PPB	1.19
35	127	740	12:20	2	1.016	A BB	7316.	25.000 PPB	1.19
36	225	749	12:29	2	1.029	A BB	3738.	25.000 PPB	1.19
37	107	795	13:15	2	1.092	A BB	8017.	25.000 PPR	1.19
38	142	812	13:32	2	1.115	A BB	18325.	25.000 PPB	1.19
39	237	838	13:58	3	0.891	A BB	2147.	25.000 PPB	1.19
40	162	871	14:31	3	0.926	A BB	15169.	25.000 PPB	1.19
41	65	888	14:48	3	0.944	A BB	5537.	25.000 PPB	1.19
42	163	907	15:07	3	0.964	A BB	16138.	25.000 PPB	1.19
43	152	924	15:24	3	0.982	A BB	24341.	25.000 PPB	1.19
44	138	937	15:37	3	0.996	A BB	2985.	25.000 PPB	1.19
45	153	946	15:46	3	1.005	A BB	13916.	25.000 PPB	1.19
46	232	984	16:24	3	1.046	A BB	4362.	25.000 PPB	1.19
47	184	949	15:49	3	1.009	A BB	1690.	25.000 PPB	1.19
48	109	955	15:55	3	1.015	A BB	2039.	25.000 PPB	1.19
49	168	964	16:04	3	1.024	A BB	21084.	25.000 PPB	1.19
50	165	966	16:06	3	1.027	A BB	5213.	25.000 PPB	1.19

550059

C5022195A

300553

Data Subject To Validation

No	Ret(L)	Ratio	RRT(L)	Ratio	Amnt	Amnt(L)	R. Fac	R. Fac(L)	Ratio
1	9:31	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
2	12:08	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
3	15:41	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
4	24:10	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
5	28:53	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
6	8:53	1.00	0.933	1.00	25.00	25.00	1.611	1.611	1.00
7	10:44	1.00	0.885	1.00	25.00	25.00	0.355	0.355	1.00
8	14:18	1.00	0.912	1.00	25.00	25.00	0.901	0.901	1.00
9	17:17	1.00	1.102	1.00	25.00	25.00	0.116	0.116	1.00
10	21:49	1.00	0.903	1.00	25.00	25.00	0.784	0.784	1.00
11	9:10	1.00	0.963	1.00	25.00	25.00	1.228	1.228	1.00
12	9:55	1.00	1.042	1.00	25.00	25.00	0.744	0.744	1.00
13	8:54	1.00	0.935	1.00	25.00	25.00	1.906	1.906	1.00
14	9:02	1.00	0.949	1.00	25.00	25.00	1.864	1.864	1.00
15	9:13	1.00	0.968	1.00	25.00	25.00	1.218	1.218	1.00
16	9:26	1.00	0.991	1.00	25.00	25.00	1.295	1.295	1.00
17	9:34	1.00	1.005	1.00	25.00	25.00	1.431	1.431	1.00
18	8:56	1.00	0.939	1.00	25.00	25.00	1.742	1.742	1.00
19	9:52	1.00	1.037	1.00	25.00	25.00	0.810	0.810	1.00
20	9:56	1.00	1.044	1.00	25.00	25.00	1.295	1.295	1.00
21	10:05	1.00	1.060	1.00	25.00	25.00	1.190	1.190	1.00
22	10:09	1.00	1.067	1.00	25.00	25.00	1.677	1.677	1.00
23	10:23	1.00	1.091	1.00	25.00	25.00	1.292	1.292	1.00
24	10:25	1.00	1.095	1.00	25.00	25.00	0.988	0.988	1.00
25	10:34	1.00	1.110	1.00	25.00	25.00	0.550	0.550	1.00
26	10:46	1.00	0.887	1.00	25.00	25.00	0.384	0.384	1.00
27	11:13	1.00	0.924	1.00	25.00	25.00	0.753	0.753	1.00
28	11:24	1.00	0.940	1.00	25.00	25.00	0.186	0.186	1.00
29	11:26	1.00	0.942	1.00	25.00	25.00	0.246	0.246	1.00
30	11:40	1.00	0.962	1.00	25.00	25.00	0.131	0.131	1.00
31	11:37	1.00	0.957	1.00	25.00	25.00	0.460	0.460	1.00
32	11:52	1.00	0.978	1.00	25.00	25.00	0.238	0.238	1.00
33	12:01	1.00	0.990	1.00	25.00	25.00	0.245	0.245	1.00
34	12:11	1.00	1.004	1.00	25.00	25.00	0.928	0.928	1.00
35	12:20	1.00	1.016	1.00	25.00	25.00	0.240	0.240	1.00
36	12:29	1.00	1.029	1.00	25.00	25.00	0.123	0.123	1.00
37	13:15	1.00	1.092	1.00	25.00	25.00	0.263	0.263	1.00
38	13:32	1.00	1.115	1.00	25.00	25.00	0.601	0.601	1.00
39	13:58	1.00	0.891	1.00	25.00	25.00	0.125	0.125	1.00
40	14:31	1.00	0.926	1.00	25.00	25.00	0.886	0.886	1.00
41	14:48	1.00	0.944	1.00	25.00	25.00	0.324	0.324	1.00
42	15:07	1.00	0.964	1.00	25.00	25.00	0.943	0.943	1.00
43	15:24	1.00	0.982	1.00	25.00	25.00	1.423	1.423	1.00
44	15:37	1.00	0.996	1.00	25.00	25.00	0.174	0.174	1.00
45	15:46	1.00	1.005	1.00	25.00	25.00	0.813	0.813	1.00
46	16:24	1.00	1.046	1.00	25.00	25.00	0.255	0.255	1.00
47	15:49	1.00	1.009	1.00	25.00	25.00	0.099	0.099	1.00
48	15:55	1.00	1.015	1.00	25.00	25.00	0.119	0.119	1.00
49	16:04	1.00	1.024	1.00	25.00	25.00	1.232	1.232	1.00
50	16:06	1.00	1.027	1.00	25.00	25.00	0.305	0.305	1.00

STOR

CS022195A

300554

Data Subject To Validation

Data: CS022195A.TI

02/21/95 10:32:00

Sample: SST0050 290-12-SV25

Conds.: 0.25 X 30M RTX-5 1.0UM 45/4-300@12

INST C

Formula: Instrument: C

Weight: 1.000

Submitted by: Analyst: JAM

Acct. No.:

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

Resp. fac. from Library Entry

No	Name	
51	C543	2,6DINITRODLUENE 0.2
52	C580	DIETHYL PHTHALATE
53	C585	4CHLOROPHENYL PHEN 0.4
54	C590	FLUORENE 0.9
55	C610	4,6DINITRO2METHYLPH
56	C615	*DIPHENYLAMINE
57	C625	4BROMOPHENYL PHENY 0.1
58	C630	CL6BENZENE 0.1 T
59	C635	*PENTACHLOROPHENOL 0.05 T
60	C640	PHENANTHRENE 0.7
61	C645	ANTHRACENE 0.7
62	C650	DI-NBUTYLPHTHALATE
63	C655	*FLUORANTHENE 0.6
64	D200	1,2-DIPHENYLHYDRAZINE
65	C647	CARBAZOLE
66	C715	PYRENE 0.6
67	C720	BUTYLBENZYLPHTHALATE
68	C725	3,3'CL2BENZIDINE
69	C740	BIS(2ETHYLHEXYL)PHTH
70	C760	*DI-N-OCTYLPHTHALATE
71	C765	BENZO(B)FLUORANTHE 0.7
72	C770	BENZO(K)FLUORANTHE 0.7
73	C775	*BENZO(A)PYRENE 0.7
74	C780	INDENO(1,2,3CD)PYR 0.5
75	C785	DIBENZO(A,H)ANTHRA 0.4
76	C790	BENZO(G,H,I)PERYLE 0.5
77	CI60	D10-PHENANTHRENE (IS-4)
78	CS50	2-FLUOROPHENOL 0.6 (SS-5)
79	C310	N-NITROSODIMETHYLAMINE
80	C319	PYRIDINE T
81	C515	*246TRICHLOROPHNEOL 0.2 T
82	C520	2,4,5TRICHLOROPHEN 0.2 T
83	C595	4-NITROANILINE
84	C730	BENZO(A)ANTHRACENE 0.8
85	C735	CHRYSENE 0.7

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
51	165	919	15:19	3	0.977	A BB	3959.	25.000 PPB	1.19
52	149	992	16:32	3	1.054	A BB	16005.	25.000 PPB	1.19
53	204	1002	16:42	3	1.065	A BB	8147.	25.000 PPB	1.19
54	166	1006	16:46	3	1.069	A BB	17307.	25.000 PPB	1.19
55	198	1016	16:56	77	0.908	A BB	2409.	25.000 PPB	1.19
56	169	1018	16:58	77	0.910	A BB	7070.	25.000 PPB	1.19
57	248	1061	17:41	77	0.948	A BB	4275.	25.000 PPB	1.19
58	284	1083	18:03	77	0.968	A BB	4408.	25.000 PPB	1.19

300555

Data Subject to Verification

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
59	266	1103	18:23	77	0.986	A BB	2843.	25.000 PPB	1.19
60	178	1122	18:42	77	1.003	A BV	21367.	25.000 PPB	1.19
61	178	1127	18:47	77	1.007	A VB	23040.	25.000 PPB	1.19
62	149	1183	19:43	77	1.057	A BB	27901.	25.000 PPB	1.19
63	202	1268	21:08	77	1.133	A BB	20138.	25.000 PPB	1.19
64	77	1022	17:02	77	0.913	A BB	28888.	25.000 PPB	1.19
65	167	1146	19:06	77	1.024	A BB	7516.	25.000 PPB	1.19
66	202	1296	21:36	4	0.894	A BB	21192.	25.000 PPB	1.19
67	149	1366	22:46	4	0.942	A BB	10929.	25.000 PPB	1.19
68	252	1439	23:59	4	0.992	A BB	3476.	25.000 PPB	1.19
69	149	1435	23:55	4	0.990	A BB	15379.	25.000 PPB	1.19
70	149	1533	25:33	5	0.885	A BB	24950.	25.000 PPB	1.19
71	252	1640	27:20	5	0.946	A BV	15089.	25.000 PPB	1.19
72	252	1646	27:26	5	0.950	A VB	15075.	25.000 PPB	1.19
73	252	1720	28:40	5	0.992	A BB	13860.	25.000 PPB	1.19
74	276	2073	34:33	5	1.196	A BB	15278.	25.000 PPB	1.19
75	278	2075	34:35	5	1.197	A BB	12124.	25.000 PPB	1.19
76	276	2175	36:15	5	1.255	A BB	12964.	25.000 PPB	1.19
77	188	1119	18:39	77	1.000	A BB	15958.	20.000 PPB	0.95
78	112	413	6:53	1	0.723	M XX	7426.	25.000 PPB	1.19
79	74	227	3:47	1	0.398	M XX	6336.	25.000 PPB	1.19
80	79	226	3:46	1	0.396	M XX	9192.	25.000 PPB	1.19
81	196	849	14:09	3	0.902	A BV	4555.	25.000 PPB	1.19
82	196	855	14:15	3	0.909	A VB	4814.	25.000 PPB	1.19
83	138	1014	16:54	3	1.078	A BB	1039.	25.000 PPB	1.19
84	228	1447	24:07	4	0.998	A BV	17092.	25.000 PPB	1.19
85	228	1453	24:13	4	1.002	A VB	16340.	25.000 PPB	1.19

No	Ret(L)	Ratio	RRT(L)	Ratio	Amnt	Amnt(L)	R. Fac	R. Fac(L)	Ratio
51	15:19	1.00	0.977	1.00	25.00	25.00	0.231	0.231	1.00
52	16:32	1.00	1.054	1.00	25.00	25.00	0.935	0.935	1.00
53	16:42	1.00	1.065	1.00	25.00	25.00	0.476	0.476	1.00
54	16:46	1.00	1.069	1.00	25.00	25.00	1.011	1.011	1.00
55	16:56	1.00	0.908	1.00	25.00	25.00	0.121	0.121	1.00
56	16:58	1.00	0.910	1.00	25.00	25.00	0.354	0.354	1.00
57	17:41	1.00	0.948	1.00	25.00	25.00	0.214	0.214	1.00
58	18:03	1.00	0.968	1.00	25.00	25.00	0.221	0.221	1.00
59	18:23	1.00	0.986	1.00	25.00	25.00	0.143	0.143	1.00
60	18:42	1.00	1.003	1.00	25.00	25.00	1.071	1.071	1.00
61	18:47	1.00	1.007	1.00	25.00	25.00	1.155	1.155	1.00
62	19:43	1.00	1.057	1.00	25.00	25.00	1.399	1.399	1.00
63	21:08	1.00	1.133	1.00	25.00	25.00	1.010	1.010	1.00
64	17:02	1.00	0.913	1.00	25.00	25.00	1.448	1.448	1.00
65	19:06	1.00	1.024	1.00	25.00	25.00	0.377	0.377	1.00
66	21:36	1.00	0.894	1.00	25.00	25.00	1.341	1.341	1.00
67	22:46	1.00	0.942	1.00	25.00	25.00	0.691	0.691	1.00
68	23:59	1.00	0.992	1.00	25.00	25.00	0.220	0.220	1.00
69	23:55	1.00	0.990	1.00	25.00	25.00	0.973	0.973	1.00
70	25:33	1.00	0.885	1.00	25.00	25.00	1.638	1.638	1.00
71	27:20	1.00	0.946	1.00	25.00	25.00	0.990	0.990	1.00
72	27:26	1.00	0.950	1.00	25.00	25.00	0.989	0.989	1.00
73	28:40	1.00	0.992	1.00	25.00	25.00	0.910	0.910	1.00
74	34:33	1.00	1.196	1.00	25.00	25.00	1.003	1.003	1.00
75	34:35	1.00	1.197	1.00	25.00	25.00	0.796	0.796	1.00
76	36:15	1.00	1.255	1.00	25.00	25.00	0.851	0.851	1.00
77	18:39	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00

557045P
C502195A

Data Subject To Validation
300556

No	Ret(L)	Ratio	RRT(L)	Ratio	Amnt	Amnt(L)	R. Fac	R. Fac(L)	Ratio
78	6:53	1.00	0.723	1.00	25.00	25.00	0.981	0.981	1.00
79	3:47	1.00	0.398	1.00	25.00	25.00	0.837	0.837	1.00
80	3:46	1.00	0.396	1.00	25.00	25.00	1.214	1.214	1.00
81	14:09	1.00	0.902	1.00	25.00	25.00	0.266	0.266	1.00
82	14:15	1.00	0.909	1.00	25.00	25.00	0.281	0.281	1.00
83	16:54	1.00	1.078	1.00	25.00	25.00	0.061	0.061	1.00
84	24:07	1.00	0.998	1.00	25.00	25.00	1.081	1.081	1.00
85	24:13	1.00	1.002	1.00	25.00	25.00	1.034	1.034	1.00

3970057

CS02495A

300557

Data Subject To Validation

Calibration Check

Instrument Identifier: C

Calibration Date: 2/20/95

Standard File: CS022195A

Date: 02/21/95

Time: 10:32:00

MIN RF: SW(&) = .05 CLP = .01 OR BELOW

MAX XD: SW(*) = 30% CLP = 25%

Compound	Mean RF(I)	RF(O)	% D
CS50 2-FLUOROPHENOL	0.6 1.253	0.981	21.663
CS45 D5-PHENOL	0.8 1.708	1.612	5.640
CS20 D5-NITROBENZENE	0.2 0.386	0.355	7.907
CS25 2-FLUOROBIPHENYL	0.7 1.042	0.902	13.442
CS55 2,4,6-TRIBROMOPHENOL	0.111	0.117	5.590
CS30 D14-P-TERPHENYL	0.5 0.852	0.784	7.966
CS70 2-CHLOROPHENOL-D4	0.8 1.301	1.228	5.560
CS75 1,2-CL2BENZENE-D4	0.4 0.834	0.745	10.703
C315 *PHENOL	0.8 2.004	1.906	4.874 ✓
C325 BIS(2CHLOROETHYL)E	0.7 1.915	1.864	2.661
C330 2CHLOROPHENOL	0.8 1.331	1.218	8.453
C335 1,3DICHLOROBENZENE	0.6 1.403	1.296	7.647
C340 *1,4DICHLOROBENZENE	0.5 1.434	1.431	0.171 ✓
C320 ANILINE	2.042	1.742	14.670
C310 N-NITROSODIMETHYLAMINE	0.858	0.837	2.352
C319 PYRIDINE	1.239	1.215	1.973
C345 BENZYL ALCOHOL	0.932	0.810	13.121
C350 1,2DICHLOROBENZENE	0.4 1.326	1.295	2.298
C355 2METHYLPHENOL	0.7 1.358	1.191	12.291
C357 2,2'OXYBIS(1CHLOROPR	1.771	1.677	5.307
C365 4METHYLPHENOL	0.6 1.428	1.293	9.457
C370 &NITROSOPROPYLAMINE	0.5 1.058	0.988 ✓	6.570
C375 HEXACHLOROETHANE	0.3 0.592	0.551	6.922
C410 NITROBENZENE	0.2 0.395	0.385	2.598
C415 ISOPHORONE	0.4 0.784	0.754	3.893
C420 *2-NITROPHENOL	0.1 0.223	0.187	16.096 ✓
C425 2,4-DIMETHYLPHENOL	0.2 0.270	0.246	8.757
C430 BENZOIC ACID	0.157	0.132	16.260
C435 BIS(2CHLOROETHOXY)	0.3 0.481	0.461	4.142
C440 *2,4DICHLOROPHENOL	0.2 0.236	0.239	0.937 ✓
C445 1,2,4TRICHLOROBENZ	0.2 0.246	0.246	0.118
C450 NAPHTHALENE	0.7 0.964	0.929	3.633
C455 4-CHLORDANILINE	0.185	0.240	29.906
C460 *CL6BUTADIENE	0.132	0.123	6.826 ✓
C465 *4CHLORO3METHYLPHEN	0.2 0.252	0.263	4.363 ✓
C470 2METHYLNAPHTHALENE	0.4 0.598	0.601	0.631
C510 &CL6CYCLOPENTADIENE	0.179	0.126 ✓	29.531
C515 *246TRICHLOROPHNEOL	0.2 0.277	0.267	3.782 ✓
C520 2,4,5TRICHLOROPHEN	0.2 0.272	0.282	3.712
C525 2CHLORONAPHTHALENE	0.8 0.937	0.887	5.345
C530 2-NITROANILINE	0.313	0.324	3.564
C535 DIMETHYL PHTHALATE	0.935	0.944	0.956
C540 ACENAPHTHYLENE	1.3 1.474	1.423	3.473
C545 3-NITROANILINE	0.084	0.175	108.607
C550 *ACENAPHTHENE	0.8 0.858	0.814	5.147 ✓
C521 2,3,4,6-TETRACHLOROPHE	0.245	0.255	4.426
C555 &2,4DINITROPHENOL	0.115	0.099 ✓	13.310

300558

Data Subject To Validation

C560	*4NITROPHENOL		0.134	0.120 ✓	10.591
C565	DIBENZOFURAN	0.8	1.207	1.233	2.144
C570	2,4DINITROTOLUENE	0.2	0.278	0.305	9.781
C543	2,6DINITROTOLUENE	0.2	0.221	0.232	4.736
C580	DIETHYL PHTHALATE		0.909	0.936	2.985
C585	4CHLOROPHENYL PHEN	0.4	0.455	0.477	4.847
C590	FLUORENE	0.9	0.952	1.012	6.328
C595	4-NITROANILINE		0.075	0.061	18.168
C610	4,6DINITRO2METHYLPH		0.149	0.121	18.611
C615	*DIPHENYLAMINE		0.410	0.355	13.440 ✓
C625	4BROMOPHENYL PHENY	0.1	0.230	0.215	6.538
C630	CL6BENZENE	0.1	0.243	0.221	8.669
C635	*PENTACHLOROPHENOL	0.05	0.172	0.143	17.034 ✓
C640	PHENANTHRENE	0.7	1.147	1.072	6.585
C645	ANTHRACENE	0.7	1.206	1.156	4.209
C650	DI-NBUTYLPHTHALATE		1.493	1.399	6.296
C655	*FLUORANTHENE	0.6	1.071	1.010	5.709 ✓
D200	1,2-DIPHENYLHYDRAZINE		1.451	1.449	0.164
C647	CARBAZOLE		0.386	0.377	2.339
C715	PYRENE	0.6	1.341	1.341	0.047
C720	BUTYLBENZYLPHTHALATE		0.705	0.692	1.907
C725	3,3'-CL2BENZIDINE		0.261	0.220	15.469
C730	BENZO(A)ANTHRACENE	0.8	1.105	1.082	2.131
C740	BIS(2ETHYLHEXYL)PHTH		0.963	0.973	1.112
C735	CHRYSENE	0.7	1.072	1.034	3.529
C760	*DI-N-OCTYLPHTHALATE		1.531	1.638	6.964 ✓
C765	BENZO(B)FLUORANTHE	0.7	1.028	0.991	3.600
C770	BENZO(K)FLUORANTHE	0.7	1.037	0.990	4.540
C775	*BENZO(A)PYRENE	0.7	0.932	0.910	2.331 ✓
C780	INDENO(1,2,3CD)PYR	0.5	0.996	1.003	0.739
C785	DIBENZO(A,H)ANTHRA	0.4	0.838	0.796	5.039
790	BENZO(G,H,I)PERYLE	0.5	0.871	0.851	2.292

300559

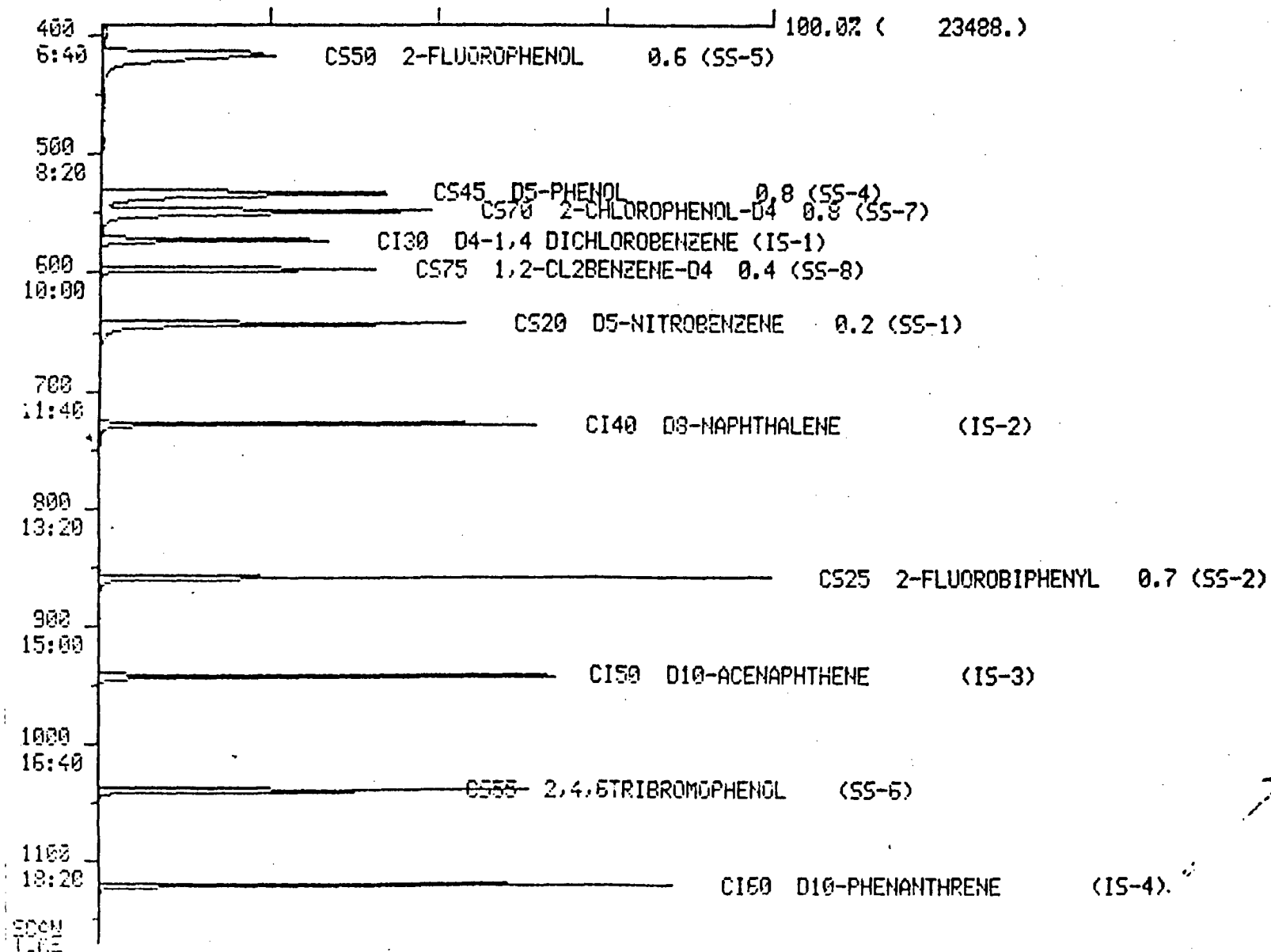
Data Subject To Validation

DATA FROM FILE: SV12244WB4 SCANS 391 TO 1171 ACQUIRED: 02/21/95 14:48:00

CALI: SV12244WB4 #1

SAMPLE: SBLKW WATER-12244WB4

CONDS.: 0.25 X 30M RTX-5 1.0UM 45/4-300012 INST C



Data Subject To Validation

300560

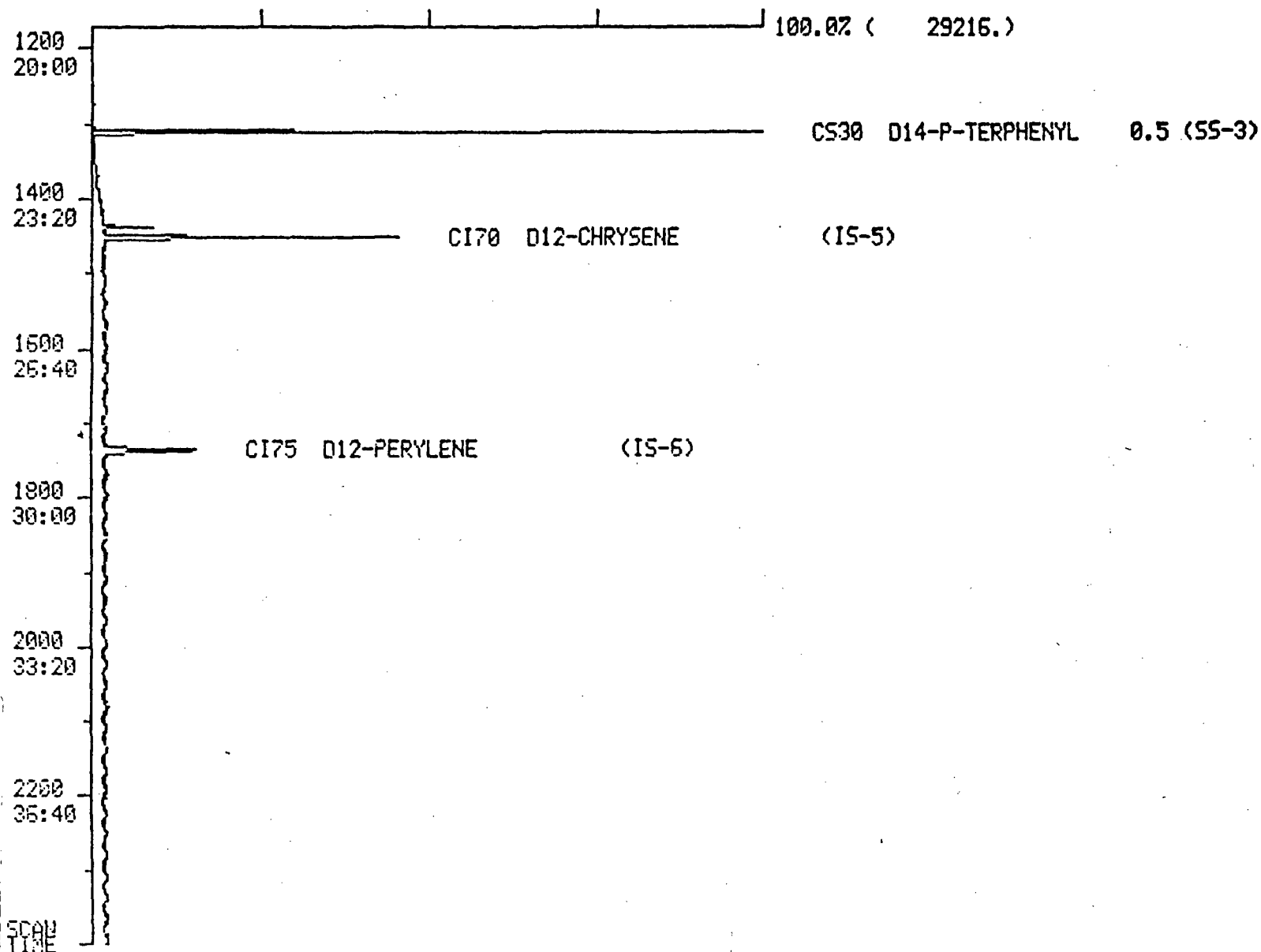
FEB 28 1995

DATA FROM FILE: SU12244WB4 SCANS 1171 TO 2400 ACQUIRED: 02/21/95 14:48:00

CALI: SU12244WB4 #1

SAMPLE: SBLKW WATER-12244WB4

CONDS.: 0.25 X 30M RTX-5 1.0UM 45/4-300012 INST C



Data Subject To Validation

300561

Data: SV12244WB4.TI

02/21/95 14:48:00

Sample: SBLKW WATER-12244WB4

Conds.: 0.25 X 30M RTX-5 1.0UM 45/4-300@12

INST C

Formula: Instrument: C

Weight: 1.000

Submitted by: Analyst: JAM

Acct. No.: 12244

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

Resp. fac. from Library Entry

No	Name
1	CI30 D4-1,4 DICHLOROBENZENE (IS-1)
2	CI40 DB-NAPHTHALENE (IS-2)
3	CI50 D10-ACENAPHTHENE (IS-3)
4	CI60 D10-PHENANTHRENE (IS-4)
5	CI70 D12-CHRYSENE (IS-5)
6	CI75 D12-PERYLENE (IS-6)
7	CS50 2-FLUOROPHENOL 0.6 (SS-5)
8	CS45 D5-PHENOL 0.8 (SS-4)
9	CS20 D5-NITROBENZENE 0.2 (SS-1)
10	CS25 2-FLUOROBIPHENYL 0.7 (SS-2)
11	CS55 2,4,6TRIBROMOPHENOL (SS-6)
12	CS30 D14-P-TERPHENYL 0.5 (SS-3)
13	CS75 1,2-CL2BENZENE-D4 0.4 (SS-8)
14	C740 BIS(2ETHYLHEXYL)PHTH
15	CS70 2-CHLOROPHENOL-D4 0.8 (SS-7)

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
1	152	571	9:31	1	1.000	A BB	4381.	20.000 PPB	3.57
2	136	727	12:07	2	1.000	A BB	17319.	20.000 PPB	3.57
3	164	941	15:41	3	1.000	A BB	9781.	20.000 PPB	3.57
4	188	1120	18:40	4	1.000	A BB	11962.	20.000 PPB	3.57
5	240	1449	24:09	5	1.000	A BB	9028.	20.000 PPB	3.57
6	264	1734	28:54	6	1.000	A BB	8608.	20.000 PPB	3.57
7	112	415	6:55	1	0.727	A BB	15789.	73.477 PPB	13.10
8	99	531	8:51	1	0.930	A BB	23369.	66.212 PPB	11.80
9	82	642	10:42	2	0.883	A BB	13718.	44.654 PPB	7.96
10	172	858	14:18	3	0.912	A BB	16858.	38.247 PPB	6.82
11	330	1037	17:17	3	1.102	A BB	3815.	67.076 PPB	11.96
12	244	1309	21:49	5	0.903	A BB	18426.	52.071 PPB	9.28
13	152	595	9:55	1	1.042	A BB	4840.	29.688 PPB	5.29
14	149	1435	23:55	5	0.990	A BB	1579.	3.595 PPB	0.64
15	132	546	9:06	1	0.956	A BB	17736.	65.942 PPB	11.76

No	Ret(L)	Ratio	RRT(L)	Ratio	Amnt	Amnt(L)	R. Fac	R. Fac(L)	Ratio
1	9:31	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
2	12:08	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
3	15:41	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
4	18:39	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
5	24:10	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
6	28:53	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
7	6:53	1.00	0.723	1.00	73.48	25.00	2.883	0.981	2.94
8	8:53	1.00	0.933	1.00	66.21	25.00	4.267	1.611	2.65
9	10:44	1.00	0.885	1.00	44.65	25.00	0.634	0.355	1.79

300562

Data Subject To Validation

No	Ret(L)	Ratio	RRT(L)	Ratio	Amnt	Amnt(L)	R. Fac	R. Fac(L)	Ratio
10	14:18	1.00	0.912	1.00	38.25	25.00	1.379	0.901	1.53
11	17:17	1.00	1.102	1.00	67.08	25.00	0.312	0.116	2.68
12	21:49	1.00	0.903	1.00	52.07	25.00	1.633	0.784	2.08
13	9:55	1.00	1.042	1.00	29.69	25.00	0.884	0.744	1.19
14	23:55	1.00	0.990	1.00	3.60	25.00	0.140	0.973	0.14
15	9:10	0.99	0.963	0.99	65.94	25.00	3.239	1.228	2.64

300563

Data Subject To Validation

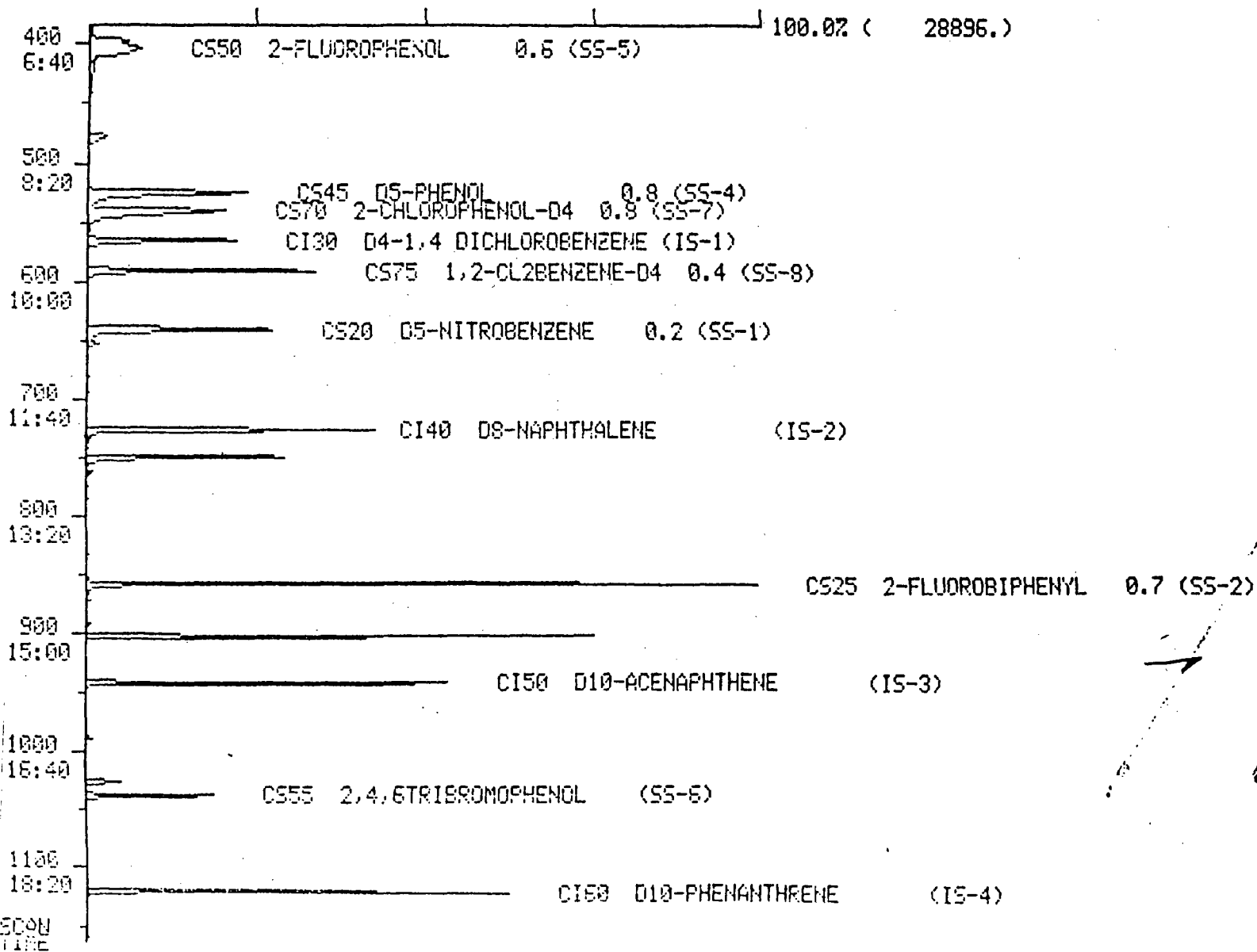
DATA FROM FILE: SUWAA01P

SCANS 384 TO 1164 ACQUIRED: 02/21/95 15:33:00

CALI: SUWAA01P #1

SAMPLE: MW0004 WATER HLA

CONDS.: 0.25 X 30M RTX-5 1.0UM 45/4-300012 INST C



Data Subject To Validation

300564

FEB 23 1995

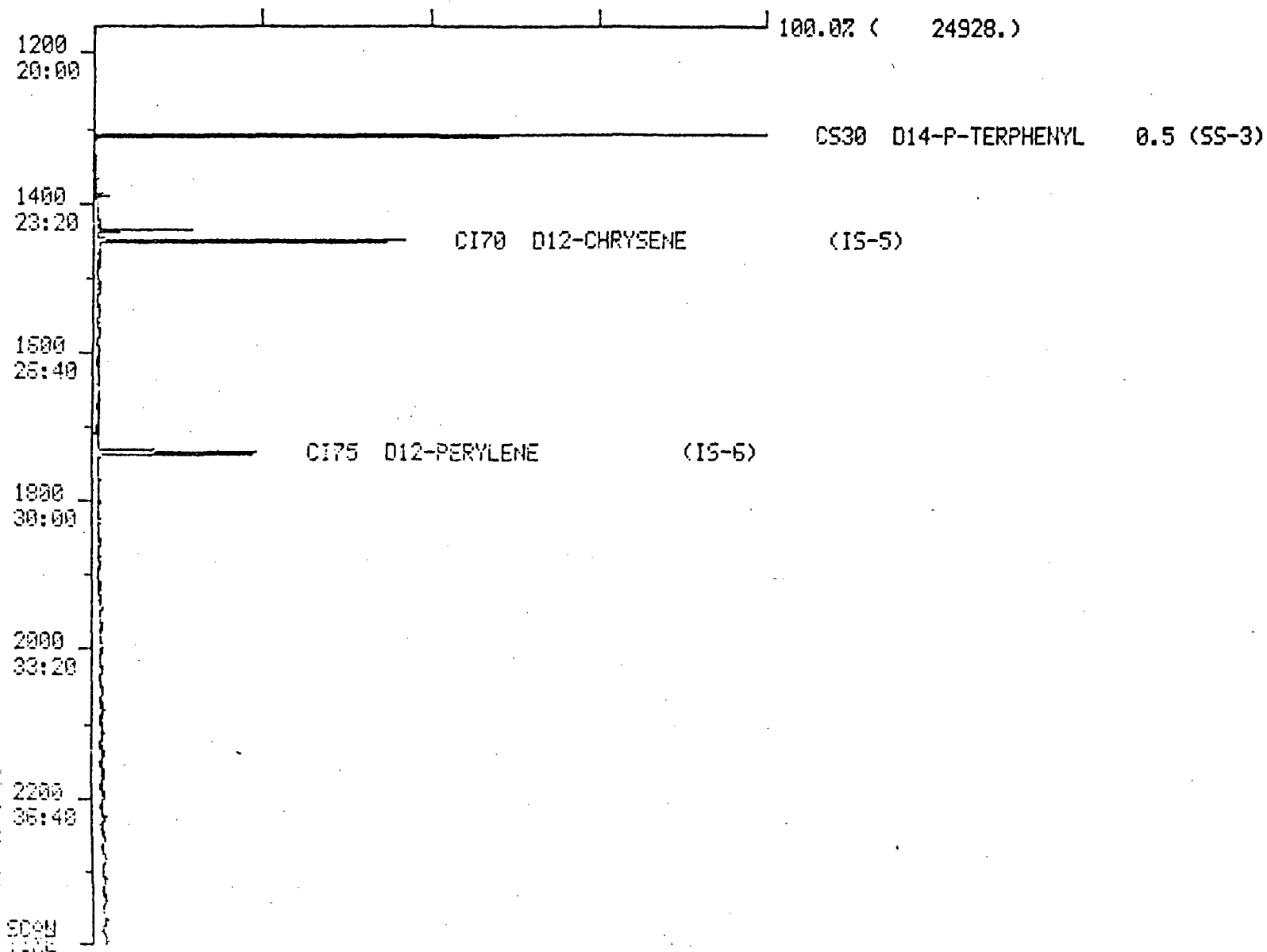
DATA FROM FILE: SUWAA01P

SCANS 1154 TO 2400 ACQUIRED: 02/21/95 15:33:00

CALI: SUWAA01P #1

SAMPLE: MW0004 WATER HLA

CONDS.: 0.25 X 30M RTX-5 1.0UM 45/4-300012 INST C



Quantitation Report File: SVWAA01P

Data: SVWAA01P.TI

02/21/95 15:33:00

Sample: MW0004 WATER HLA

Conds.: 0.25 X 30M RTX-5 1.0UM 45/4-300e12

INST C

Formula: Instrument: C

Weight: 1.000

Submitted by: Analyst: JAM

Acct. No.: 12244

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

Resp. fac. from Library Entry

No	Name
1	CI30 D4-1,4 DICHLOROBENZENE (IS-1)
2	CI40 DB-NAPHTHALENE (IS-2)
3	CI50 D10-ACENAPHTHENE (IS-3)
4	CI60 D10-PHENANTHRENE (IS-4)
5	CI70 D12-CHRYSENE (IS-5)
6	CI75 D12-PERYLENE (IS-6)
7	CS45 D5-PHENOL 0.8 (SS-4)
8	CS20 D5-NITROBENZENE 0.2 (SS-1)
9	CS25 2-FLUOROBIPHENYL 0.7 (SS-2)
10	CS55 2,4,6TRIBROMOPHENOL (SS-6)
11	CS30 D14-P-TERPHENYL 0.5 (SS-3)
12	CS75 1,2-CL2BENZENE-D4 0.4 (SS-8)
13	C740 BIS(2ETHYLHEXYL)PHTH
14	CS50 2-FLUOROPHENOL 0.6 (SS-5)
15	CS70 2-CHLOROPHENOL-D4 0.8 (SS-7)

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
1	152	564	9:24	1	1.000	A BB	4060.	20.000 PPB	4.48
2	136	725	12:05	2	1.000	A BB	15716.	20.000 PPB	4.48
3	164	940	15:40	3	1.000	A BB	8783.	20.000 PPB	4.48
4	188	1119	18:39	4	1.000	A BB	10989.	20.000 PPB	4.48
5	240	1448	24:08	5	1.000	A BB	9694.	20.000 PPB	4.48
6	264	1733	28:53	6	1.000	A BB	10644.	20.000 PPB	4.48
7	99	524	8:44	1	0.929	A BB	14400.	44.027 PPH	9.85
8	82	640	10:40	2	0.883	A BB	11513.	41.298 PPB	9.24
9	172	857	14:17	3	0.912	A BB	16591.	41.918 PPB	9.38
10	330	1036	17:16	3	1.102	A BB	1499.	29.351 PPB	6.57
11	244	1308	21:48	5	0.903	A BB	15680.	41.266 PPB	9.23
12	152	590	9:50	1	1.046	A BB	5236.	34.656 PPB	7.76
13	149	1434	23:54	5	0.990	A BB	1926.	4.084 PPB	0.91
14	112	402	6:42	1	0.713	M XX	8942.	44.903 PPB	10.05
15	132	540	9:00	1	0.957	A BB	11311.	45.379 PPB	10.15

No	Ret(L)	Ratio	RRT(L)	Ratio	Amnt	Amnt(L)	R. Fac	R. Fac(L)	Ratio
1	9:31	0.99	1.000	1.00	20.00	20.00	1.000	1.000	1.00
2	12:08	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
3	15:41	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
4	18:39	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
5	24:10	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
6	28:53	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
7	8:53	0.98	0.933	1.00	44.03	25.00	2.837	1.611	1.76
8	10:44	0.99	0.885	1.00	41.30	25.00	0.586	0.355	1.65
9	14:18	1.00	0.912	1.00	41.92	25.00	1.511	0.901	1.68

300566

Data Subject To Validation

No	Ret(L)	Ratio	RRT(L)	Ratio	Amnt	Amnt(L)	R. Fac	R. Fac(L)	Ratio
10	17:17	1.00	1.102	1.00	29.35	25.00	0.137	0.116	1.17
11	21:49	1.00	0.903	1.00	41.27	25.00	1.294	0.784	1.65
12	9:55	0.99	1.042	1.00	34.66	25.00	1.032	0.744	1.39
13	23:55	1.00	0.990	1.00	4.08	25.00	0.159	0.973	0.16
14	6:53	0.97	0.723	0.99	44.90	25.00	1.762	0.981	1.80
15	9:10	0.98	0.963	0.99	45.38	25.00	2.229	1.228	1.82

300567

Data Subject To Validation

TARGET COMPOUND COMPARISON

COMPOUND: C740 BIS(2ETHYLHEXYL)PTH

RAW DATA: SUWAA01P #1434

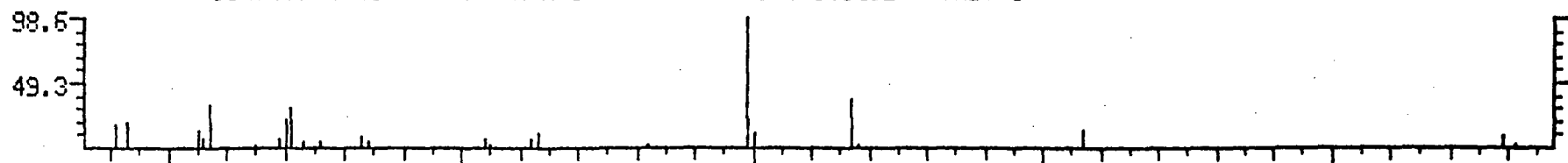
BASE M/Z: 149

RIC: 3700.

02/21/95 15:33

SAMPLE: MW0004 WATER HLA

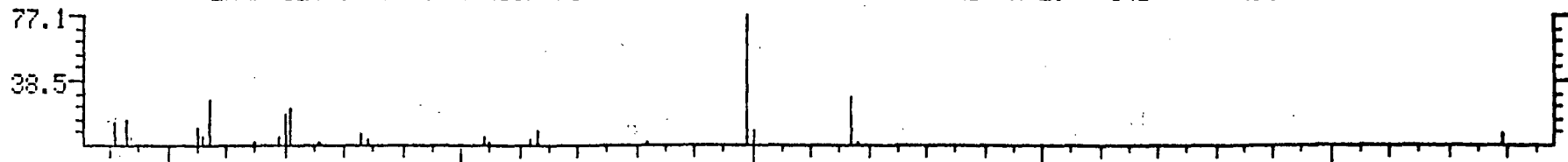
CONDS.: 0.25 X 30M RTX-5 1.0UM 45/4-300012 INST C



ENHANCED DATA: SUWAA01P #1434

BASE M/Z: 149

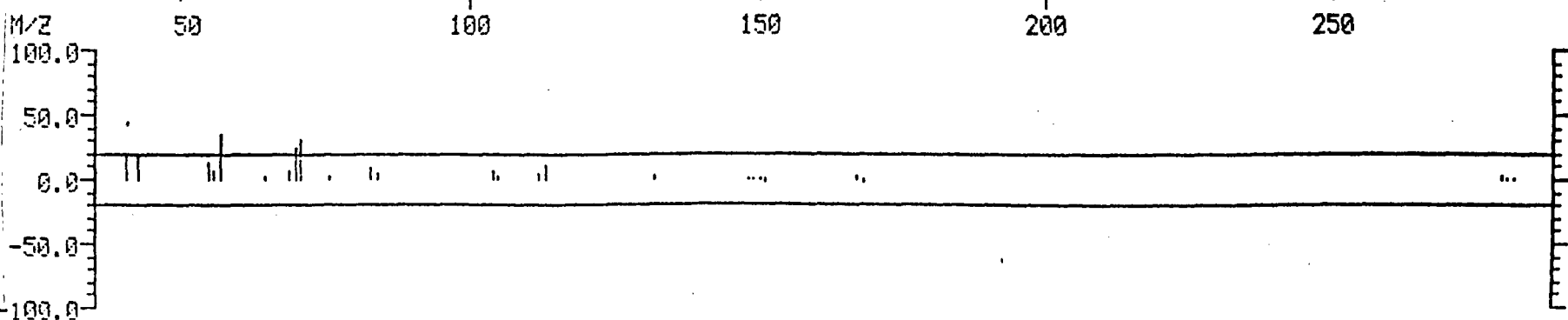
RIC: 2700.



LIBRARY FILE: SN #56

BASE M/Z: 149

RIC: 1586.



Data Subject To Validation

300568

MASS SPECTRUM

03/03/95 11:10:00 + 7:43

SAMPLE: DFTPP 290-14-PERF

CONDS.: 0.25 X 30M RTX-5 1.0UM 45/4-300012 INST C

#462 TO #464 AVERAGED - #458 X1.00

DATA: CP030395A #463

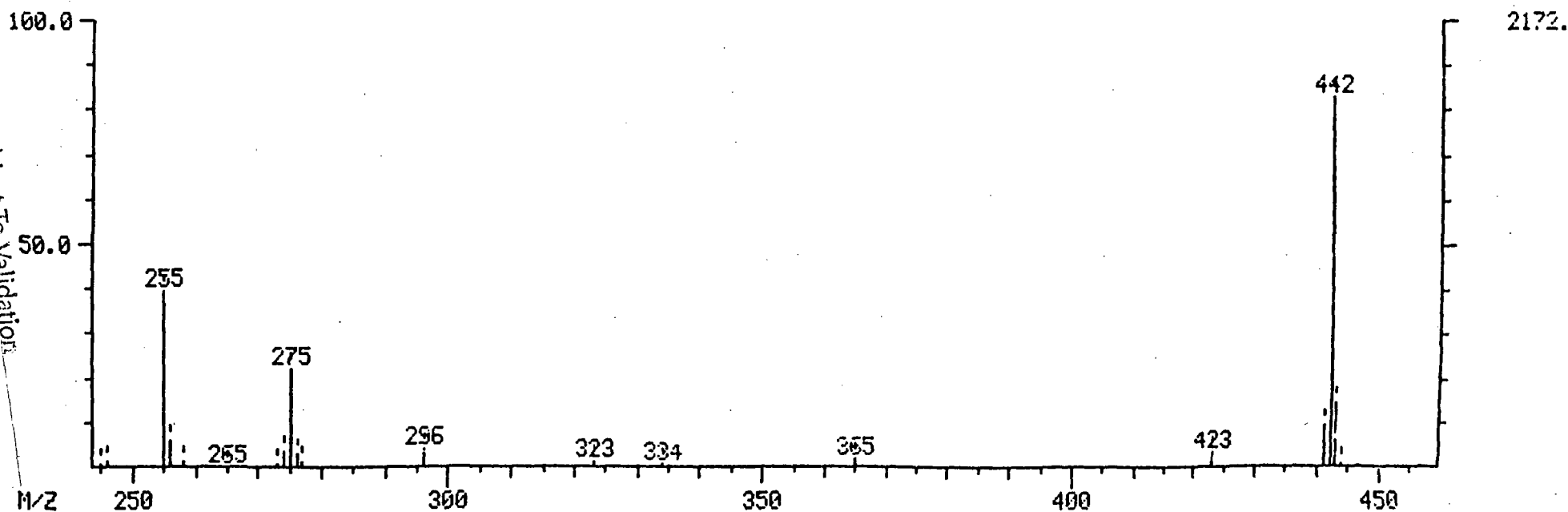
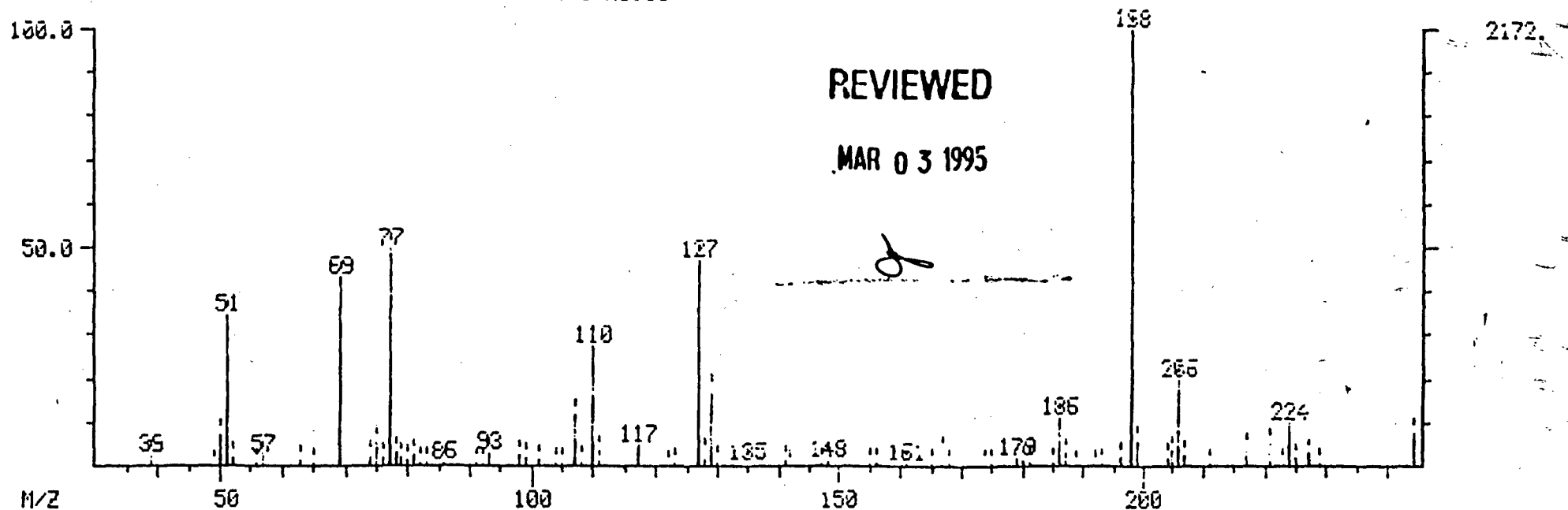
CALI: CP030395A #1

BASE M/Z: 198

RIC: 14896.

REVIEWED

MAR 03 1995



Data Subject To Validation
300569

RIC

03/03/55 11:10:00

SAMPLE: DFTPP 290-14-PERF

CONDS.: 0.25 X 30M RTX-5 1.0UM 45/4-300012 INST C

RANGE: G 1, 267 LABEL: N 0, 4.0 GUAN: A 0, 1.0 J 0 BASE: U 20, 3

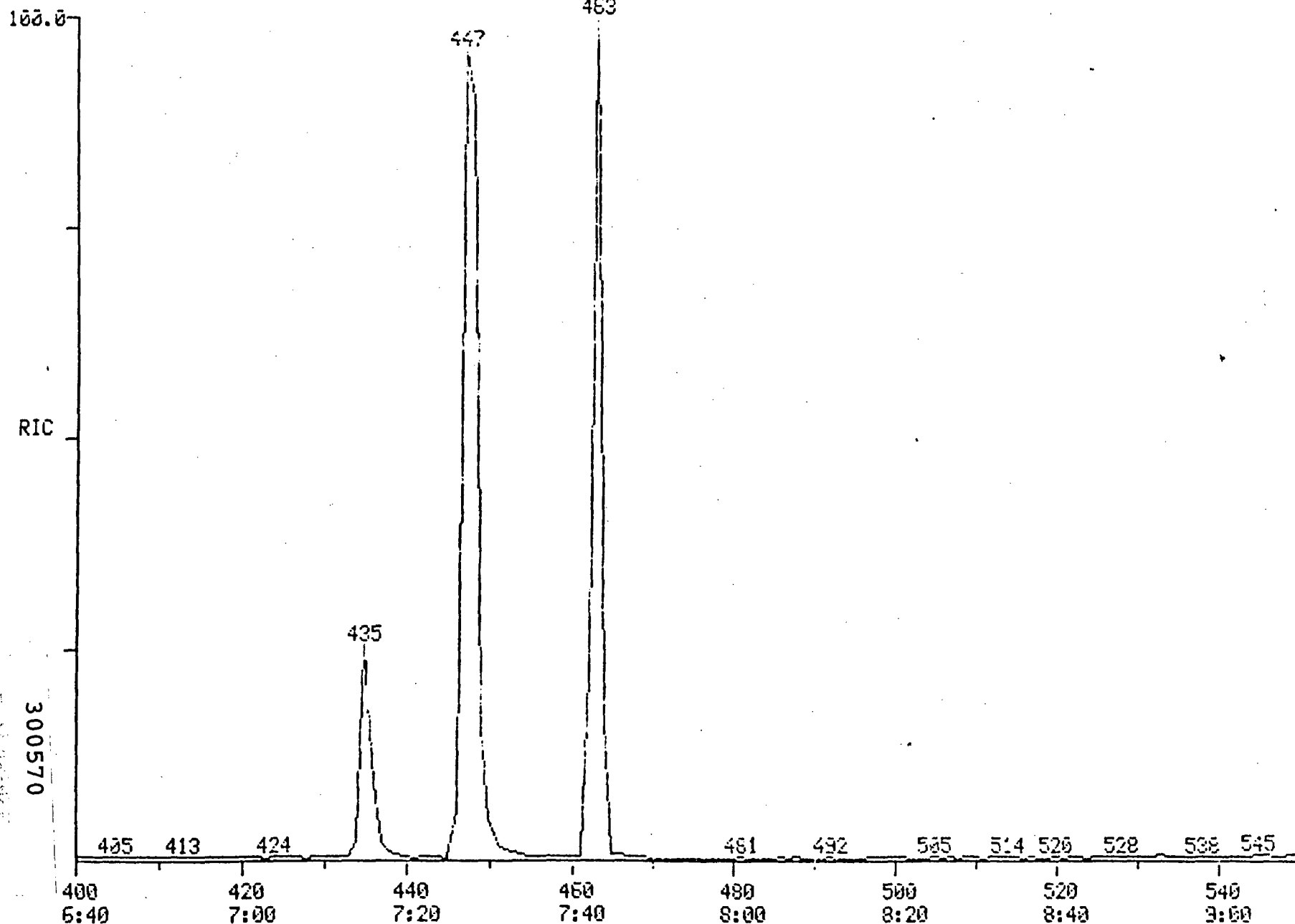
DATA: CP030355A #462

SCANS 400 TO 550

CALI: CP030355A #1

463

32:52.



Data Subject To Validation

RIC+MASS CHROMATOGRAM

03/03/95 11:10:00

SAMPLE: DFTPP 290-14-PERF

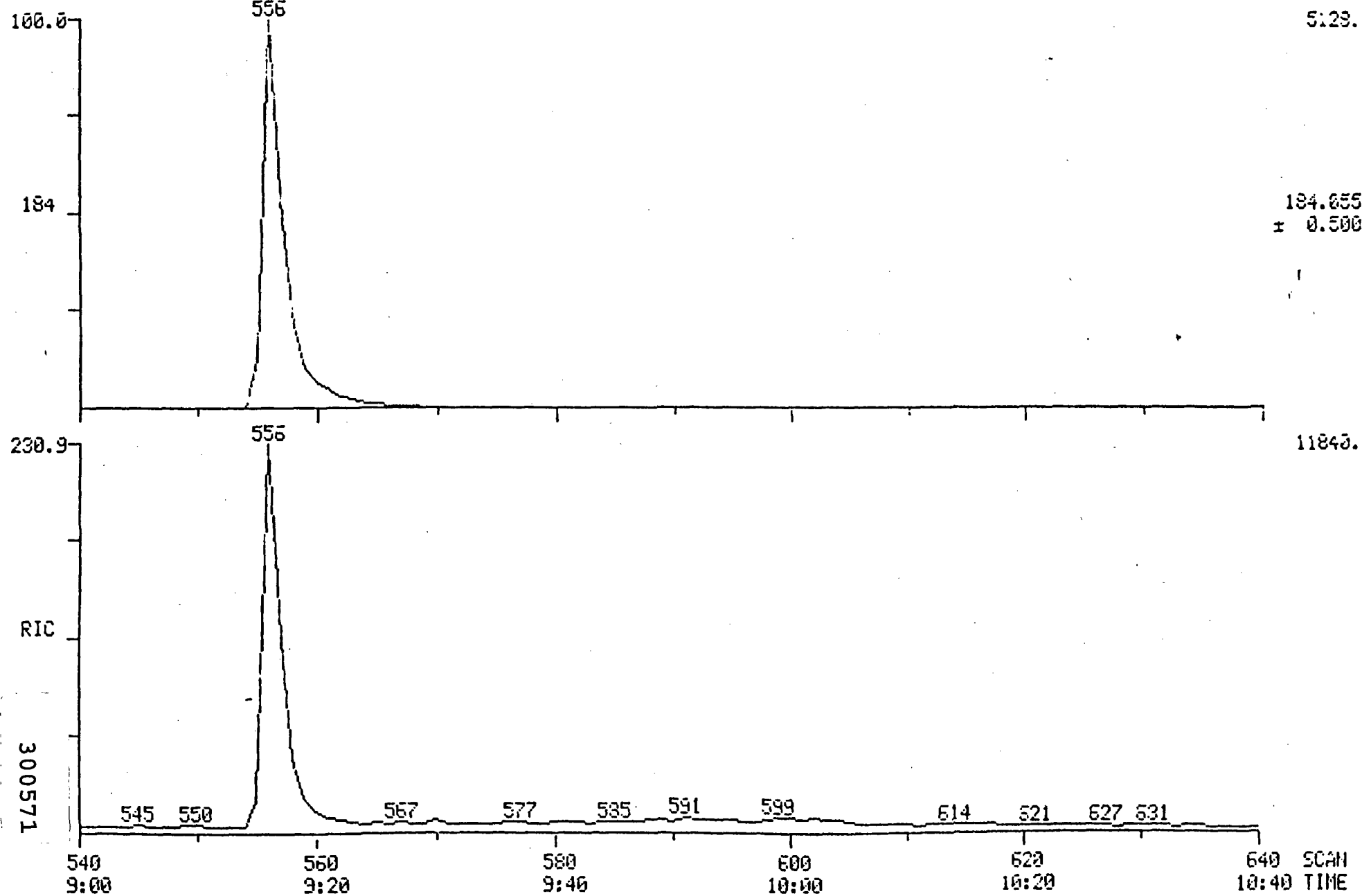
CONDS.: 0.25 X 30M RTX-5 1.0UM 45/4-300012 INST C

RANGE: G 1, 667 LABEL: N 0, 4.0 QUAN: A 0, 1.0 J 0 BASE: U 20, 3

DATA: CP030395A #462

SCANS 540 TO 640

CALI: CP030355A #1



Data Subject to Variation

Mass List

03/03/95 11:10:00 + 7:43

Data: CP030395A # 463

Base m/z: 198

Sample: DFTPP 290-14-PERF

Call: CP030395A # 1

RIC: 14896.

Conds.: 0.25 X 30M RTX-5 1.0UM 45/4-300e12 INST C

#462 to #464 averaged - #458 X1.00

39 444 Mass	0.00 % RA	0. Inten.	Minima Maxima Mass	Min Inten: # 0 % RA	0. Inten.
39?	S	2.35	51.	167	S 3.55 77.
49?	S	0.18	4.	168	S 0.74 16.
50?	S	7.00	152.	174	S 0.46 10.
51?	S	34.12	741.	175	S 0.74 16.
52?	S	1.61	35.	177	S 0.37 8.
56?	S	0.60	13.	179	S 1.75 38.
57?	S	2.21	48.	180	S 1.15 25.
63?	S	1.06	23.	181	S 0.37 8.
65?	S	0.41	9.	185	S 0.64 14.
69	S	42.77	929.	186	S 11.10 241.
74	S	2.44	53.	187	S 3.08 67.
75	S	5.39	117.	189	S 0.28 6.
76	S	1.80	39.	192	S 0.28 6.
77	S	49.26	1070.	193	S 0.41 9.
78	S	2.72	59.	196	S 1.84 40.
79	S	1.66	36.	198	S 100.00 2172.
80	S	1.34	29.	199	S 5.62 122.
81	S	2.26	49.	204	S 1.75 38.
82	S	0.37	8.	205	S 3.78 82.
83	S	0.41	9.	206	S 19.94 433.
86	S	0.69	15.	207	S 2.53 55.
91	S	0.32	7.	211	S 0.51 11.
92	S	0.41	9.	217	S 4.14 90.
93	S	2.67	58.	221	S 5.43 118.
98	S	2.12	46.	223	S 0.60 13.
99	S	1.70	37.	224	S 10.04 218.
101	S	1.01	22.	225	S 1.75 38.
104	S	0.32	7.	227	S 3.13 68.
105	S	0.32	7.	229	S 0.51 11.
107	S	11.46	249.	244	S 7.37 160.
108	S	1.34	29.	245	S 0.55 12.
110	S	27.58	599.	246	S 0.97 21.
111	S	3.27	71.	255	S 39.41 856.
117	S	4.83	105.	256	S 5.57 121.
122	S	0.28	6.	258	S 1.24 27.
123	S	0.60	13.	265	S 0.23 5.
127	S	46.82	1017.	273	S 0.69 15.
128	S	2.72	59.	274	S 3.45 75.
129	S	17.27	375.	275	S 22.15 481.
130	S	1.01	22.	276	S 2.81 61.
135	S	0.74	16.	277	S 1.06 23.
137	S	0.23	5.	296	S 3.87 64.
141	S	1.15	25.	323	S 1.29 28.
142	S	0.28	6.	334	S 0.51 11.
147	S	0.69	15.	365	S 1.61 35.
148	S	1.20	26.	423	S 3.45 75.
155	S	0.51	11.	441	S 9.53 207.
156	S	0.55	12.	442	S 83.24 1808.
161	S	0.55	12.	443	S 14.78 321.
165	S	0.37	8.	444	S 0.83 18.

300572

Data Subject To Validation

GC/MS Tuning and Mass Calibration

DECAFLUOROTRIPHENYLPHOSPHINE

Case Number: Laboratory: GULF Contract:
Inst ID: C Sens Date: 03/03/95 Sens Time: 11:10:00
Lab ID: CP030395A Cali Date: 10/02/91 Analyst: SRA

Data release authorized by: _____

M/E	Ion Abundance Criteria	Spec # 462
===	=====	=====
51	30 to 60% of mass 198	34.12
68	less than 2% of mass 69	0.00 (0.00) 1
69	mass 69 relative abundance	42.77
70	less than 2% of mass 69	0.00 (0.00) 1
127	40 TO 60% of mass 198	46.82
197	less than 1% of mass 198	0.00
198	base peak, 100% relative abundance	100.00
199	5 TO 9% of mass 198	5.62
275	10 TO 30% of mass 198	22.15
365	greater than 1% of mass 198	1.61
441	less than mass 443	9.53
442	greater than 40% of mass 198	83.24
443	17 TO 23% of mass 442	14.78 (17.75) 2

- 1 - value in parenthesis is % of mass 69
2 - value in parenthesis is % of mass 442

300573

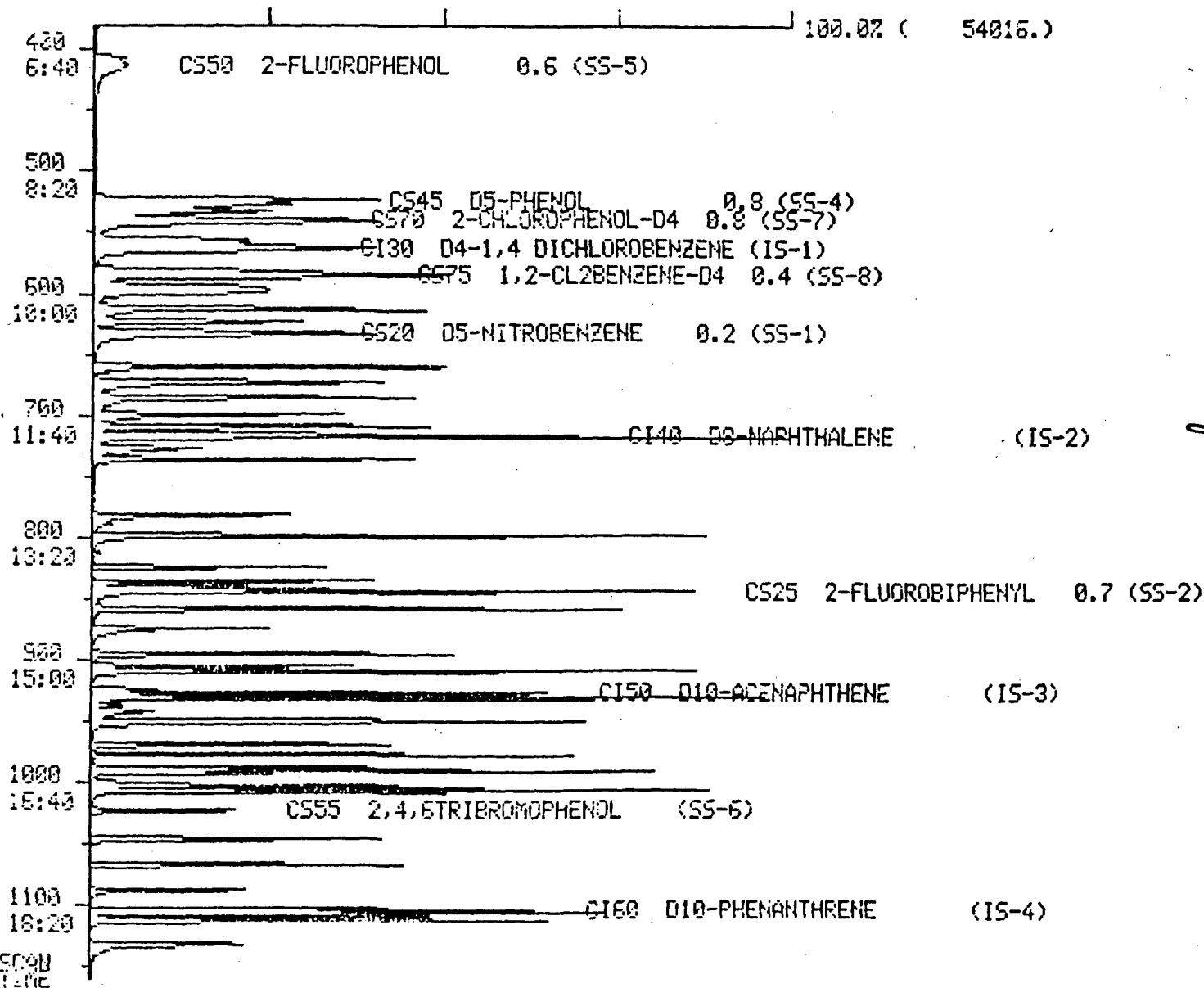
Data Subject To Verification

DATA FROM FILE: C5030395A SCANS 330 TO 1160 ACQUIRED: 03/03/95 11:30:00

CALI: C5030395A #1

SAMPLE: SSTD050 29012-SU25A

CONDS.: 0.25 X 30M RTX-5 1.0UM 45/4-300012 INST C



MAR 03 1995

REVIEWED

Data Subject To Validation

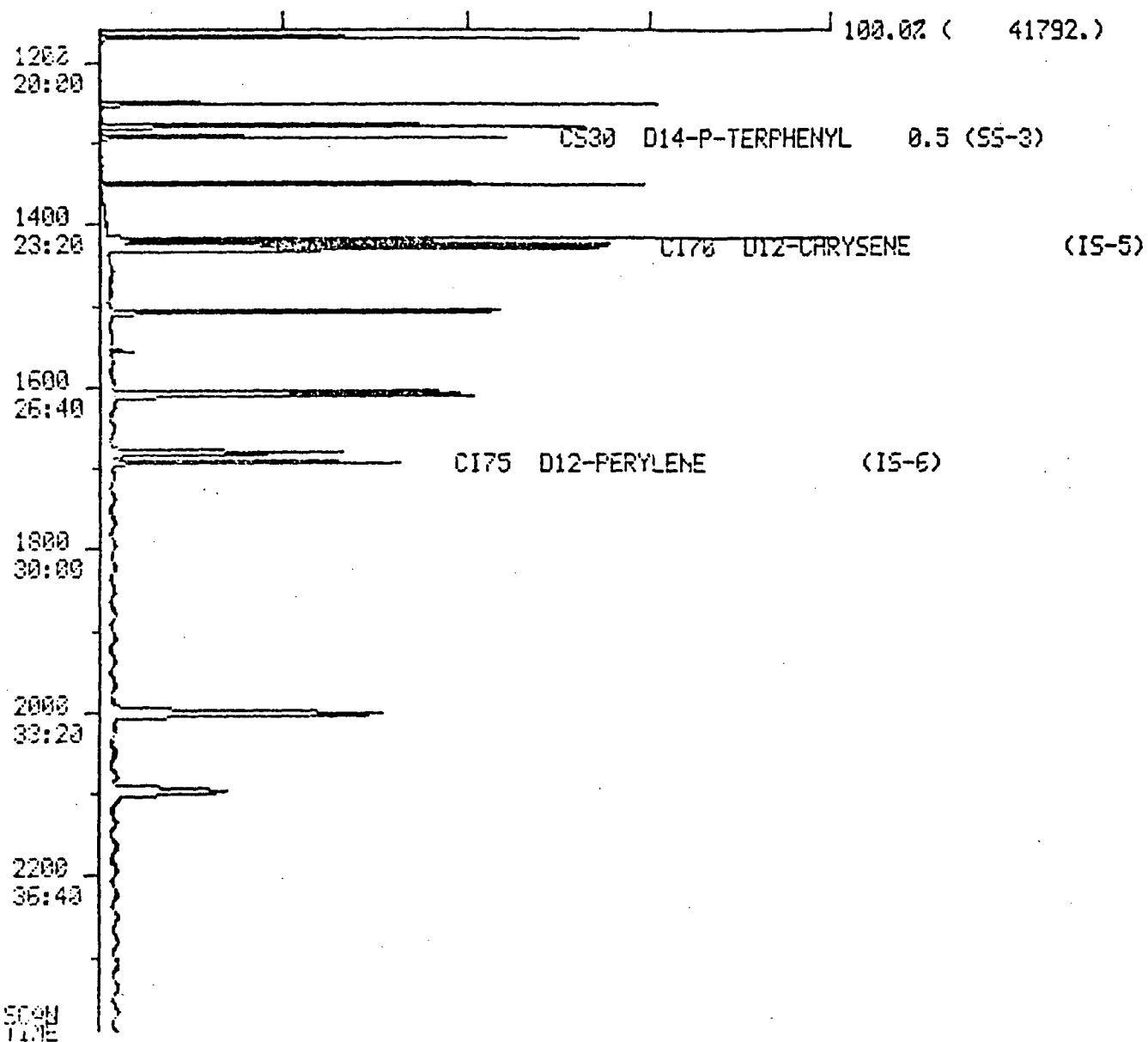
300574

DATA FROM FILE: C5030395A SCANS 1150 TO 2390 ACQUIRED: 03/03/95 11:30:00

CALI: C5030395A #1

SAMPLE: SSTD050 29012-SU25A

CONDS.: 0.25 X 30M RTX-5 1.0UM 45/4-300012 INST C



300575

Quantitation Report File: CS030395A

Data: CS030395A.T1

03/03/95 11:30:00

Sample: SSTD050 29012-SV25A

Conds.: 0.25 X 30M RTX-5 1.0UM 45/4-300@12

Formula: Instrument: C

Submitted by: Analyst: SRA

INST C

Weight: 1.000

Acct. No.:

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

Resp. fac. from Library Entry

No	Name	
1	CI30	D4-1,4 DICHLORO BENZENE (IS-1)
2	CI40	D8-NAPHTHALENE (IS-2)
3	CI50	D10-ACENAPHTHENE (IS-3)
4	CI60	D10-PHENANTHRENE (IS-4)
5	CI70	D12-CHRYSENE (IS-5)
6	CI75	D12-PERYLENE (IS-6)
7	CS45	D5-PHENOL 0.8 (SS-4)
8	CS20	D5-NITROBENZENE 0.2 (SS-1)
9	CS25	2-FLUOROBIPHENYL 0.7 (SS-2)
10	CS55	2,4,6 TRIBROMOPHENOL (SS-6)
11	CS30	D14-P-TERPHENYL 0.5 (SS-3)
12	CS70	2-CHLOROPHENOL-D4 0.8 (SS-7)
13	CS75	1,2-CL2 BENZENE-D4 0.4 (SS-8)
14	C315	*PHENOL 0.8
15	C325	BIS(2CHLOROETHYL)E 0.7
16	C330	2CHLOROPHENOL 0.8
17	C335	1,3DICHLORO BENZENE 0.6
18	C340	*1,4DICHLORO BENZENE 0.5 T
19	C320	ANILINE
20	C345	BENZYL ALCOHOL
21	C350	1,2DICHLORO BENZENE 0.4
22	C355	2METHYLPHENOL 0.7 T
23	C357	2,2'OXYBIS(1CHLOROPR
24	C365	4METHYLPHENOL 0.6 T
25	C370	&NITROSOPROPYLAMINE 0.5
26	C375	HEXACHLOROETHANE 0.3 T
27	C410	NITROBENZENE 0.2 T
28	C415	ISOPHORONE 0.4
29	C420	*2-NITROPHENOL 0.1
30	C425	2,4-DIMETHYLPHENOL 0.2
31	C430	BENZOIC ACID
32	C435	BIS(2CHLOROETHOXY) 0.3
33	C440	*2,4DICHLOROPHENOL 0.2
34	C445	1,2,4TRICHLORO BENZ 0.2
35	C450	NAPHTHALENE 0.7
36	C455	4-CHLOROANILINE
37	C460	*CL6BUTADIENE T
38	C465	*4CHLORO3METHYLPHEN 0.2
39	C470	2METHYLNAPHTHALENE 0.4
40	C510	&CL6CYCLOPENTADIENE
41	C515	*246TRICHLOROPHNEOL 0.2 T
42	C520	2,4,5TRICHLOROPHEN 0.2 T
43	C525	2CHLORONAPHTHALENE 0.8
44	C530	2-NITROANILINE
45	C535	DIMETHYL PHTHALATE
46	C540	ACENAPHTHYLENE 1.3
47	C545	3-NITROANILINE

300576

Data Subject To Validation

No Name
 48 C550 *ACENAPHTHENE O. B
 49 C321 2,3,4,6-TETRACHLOROPHENOL
 50 C555 &2,4DINITROPHENOL

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
1	152	560	9:20	1	1.000	A BB	10383.	20.000 PPB	0.95
2	136	715	11:55	2	1.000	A BB	40931.	20.000 PPB	0.95
3	164	926	15:26	3	1.000	A BB	20164.	20.000 PPB	0.95
4	188	1102	18:22	4	1.000	A BB	23641.	20.000 PPB	0.95
5	240	1425	23:45	5	1.000	A BB	18268.	20.000 PPB	0.95
6	264	1690	28:10	6	1.000	A BB	20252.	20.000 PPB	0.95
7	99	521	8:41	1	0.930	A BB	19665.	25.000 PPB	1.19
8	82	631	10:31	2	0.883	A BB	15917.	25.000 PPB	1.19
9	172	843	14:03	3	0.910	A BB	26717.	25.000 PPB	1.19
10	330	1021	17:01	3	1.103	A BB	3352.	25.000 PPB	1.19
11	244	1291	21:31	5	0.906	A BB	16502.	25.000 PPB	1.19
12	132	538	8:58	1	0.961	A BB	16750.	25.000 PPB	1.19
13	152	582	9:42	1	1.039	A BB	9639.	25.000 PPB	1.19
14	94	522	8:42	1	0.932	A BB	21544.	25.000 PPB	1.19
15	93	531	8:51	1	0.948	A VB	20414.	25.000 PPB	1.19
16	128	540	9:00	1	0.964	A BV	15061.	25.000 PPB	1.19
17	146	556	9:16	1	0.993	A BV	16772.	25.000 PPB	1.19
18	146	563	9:23	1	1.005	A VB	17740.	25.000 PPB	1.19
19	93	526	8:46	1	0.939	A BV	22950.	25.000 PPB	1.19
20	108	580	9:40	1	1.036	A BB	7432.	25.000 PPB	1.19
21	146	584	9:44	1	1.043	A BB	16072.	25.000 PPB	1.19
22	108	593	9:53	1	1.059	A VB	14120.	25.000 PPB	1.19
23	45	597	9:57	1	1.066	A BB	17676.	25.000 PPB	1.19
24	108	610	10:10	1	1.089	A BB	12806.	25.000 PPB	1.19
25	70	612	10:12	1	1.093	A BV	10792.	25.000 PPB	1.19
26	117	622	10:22	1	1.111	A BB	6924.	25.000 PPB	1.19
27	77	632	10:32	2	0.884	A BB	16711.	25.000 PPB	1.19
28	82	659	10:59	2	0.922	A BV	33821.	25.000 PPB	1.19
29	139	670	11:10	2	0.937	A BB	8690.	25.000 PPB	1.19
30	107	672	11:12	2	0.940	A BB	10196.	25.000 PPB	1.19
31	122	684	11:24	2	0.957	A VB	2584.	25.000 PPB	1.19
32	93	684	11:24	2	0.957	A BB	21710.	25.000 PPB	1.19
33	162	698	11:38	2	0.976	A BB	10384.	25.000 PPB	1.19
34	180	708	11:48	2	0.990	A BB	12298.	25.000 PPB	1.19
35	128	717	11:57	2	1.003	A BV	46920.	25.000 PPB	1.19
36	127	726	12:06	2	1.015	A BB	10612.	25.000 PPB	1.19
37	225	735	12:15	2	1.028	A BB	6323.	25.000 PPB	1.19
38	107	780	13:00	2	1.091	A BB	11130.	25.000 PPB	1.19
39	142	798	13:18	2	1.116	A BV	30042.	25.000 PPB	1.19
40	237	824	13:44	3	0.890	A BB	5073.	25.000 PPB	1.19
41	196	835	13:55	3	0.902	A BV	6714.	25.000 PPB	1.19
42	196	840	14:00	3	0.907	A VB	7173.	25.000 PPB	1.19
43	162	857	14:17	3	0.925	A BB	25405.	25.000 PPB	1.19
44	65	873	14:33	3	0.943	A BB	7433.	25.000 PPB	1.19
45	163	894	14:54	3	0.965	A BB	24584.	25.000 PPB	1.19
46	152	908	15:08	3	0.981	A BB	38999.	25.000 PPB	1.19
47	138	922	15:22	3	0.996	A BB	3862.	25.000 PPB	1.19
48	153	930	15:30	3	1.004	A BB	21391.	25.000 PPB	1.19
49	232	968	16:08	3	1.045	A BB	6512.	25.000 PPB	1.19
50	184	934	15:34	3	1.009	A BB	1687.	25.000 PPB	1.19

C10303954

300577

Data Subject To Validation

No	Ret(L)	Ratio	RRT(L)	Ratio	Amnt	Amnt(L)	R. Fac	R. Fac(L)	Ratio
1	9:20	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
2	11:55	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
3	15:26	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
4	18:22	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
5	23:45	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
6	28:10	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
7	8:41	1.00	0.930	1.00	25.00	25.00	1.515	1.515	1.00
8	10:31	1.00	0.883	1.00	25.00	25.00	0.311	0.311	1.00
9	14:03	1.00	0.910	1.00	25.00	25.00	1.060	1.060	1.00
10	17:01	1.00	1.103	1.00	25.00	25.00	0.133	0.133	1.00
11	21:31	1.00	0.906	1.00	25.00	25.00	0.723	0.723	1.00
12	8:58	1.00	0.961	1.00	25.00	25.00	1.291	1.291	1.00
13	9:42	1.00	1.039	1.00	25.00	25.00	0.743	0.743	1.00
14	8:42	1.00	0.932	1.00	25.00	25.00	1.660	1.660	1.00
15	8:51	1.00	0.948	1.00	25.00	25.00	1.573	1.573	1.00
16	9:00	1.00	0.964	1.00	25.00	25.00	1.160	1.160	1.00
17	9:16	1.00	0.993	1.00	25.00	25.00	1.292	1.292	1.00
18	9:23	1.00	1.005	1.00	25.00	25.00	1.367	1.367	1.00
19	8:46	1.00	0.939	1.00	25.00	25.00	1.768	1.768	1.00
20	9:40	1.00	1.036	1.00	25.00	25.00	0.573	0.573	1.00
21	9:44	1.00	1.043	1.00	25.00	25.00	1.238	1.238	1.00
22	9:53	1.00	1.059	1.00	25.00	25.00	1.088	1.088	1.00
23	9:57	1.00	1.066	1.00	25.00	25.00	1.362	1.362	1.00
24	10:10	1.00	1.089	1.00	25.00	25.00	0.987	0.987	1.00
25	10:12	1.00	1.093	1.00	25.00	25.00	0.832	0.832	1.00
26	10:22	1.00	1.111	1.00	25.00	25.00	0.533	0.533	1.00
27	10:32	1.00	0.884	1.00	25.00	25.00	0.327	0.327	1.00
28	10:59	1.00	0.922	1.00	25.00	25.00	0.661	0.661	1.00
29	11:10	1.00	0.937	1.00	25.00	25.00	0.170	0.170	1.00
30	11:12	1.00	0.940	1.00	25.00	25.00	0.199	0.199	1.00
31	11:24	1.00	0.957	1.00	25.00	25.00	0.051	0.051	1.00
32	11:24	1.00	0.957	1.00	25.00	25.00	0.424	0.424	1.00
33	11:38	1.00	0.976	1.00	25.00	25.00	0.203	0.203	1.00
34	11:48	1.00	0.990	1.00	25.00	25.00	0.240	0.240	1.00
35	11:57	1.00	1.003	1.00	25.00	25.00	0.917	0.917	1.00
36	12:06	1.00	1.015	1.00	25.00	25.00	0.207	0.207	1.00
37	12:15	1.00	1.028	1.00	25.00	25.00	0.124	0.124	1.00
38	13:00	1.00	1.091	1.00	25.00	25.00	0.218	0.218	1.00
39	13:18	1.00	1.116	1.00	25.00	25.00	0.587	0.587	1.00
40	13:44	1.00	0.890	1.00	25.00	25.00	0.201	0.201	1.00
41	13:55	1.00	0.902	1.00	25.00	25.00	0.266	0.266	1.00
42	14:00	1.00	0.907	1.00	25.00	25.00	0.285	0.285	1.00
43	14:17	1.00	0.925	1.00	25.00	25.00	1.008	1.008	1.00
44	14:33	1.00	0.943	1.00	25.00	25.00	0.295	0.295	1.00
45	14:54	1.00	0.965	1.00	25.00	25.00	0.975	0.975	1.00
46	15:08	1.00	0.981	1.00	25.00	25.00	1.547	1.547	1.00
47	15:22	1.00	0.996	1.00	25.00	25.00	0.153	0.153	1.00
48	15:30	1.00	1.004	1.00	25.00	25.00	0.849	0.849	1.00
49	16:08	1.00	1.045	1.00	25.00	25.00	0.258	0.258	1.00
50	15:34	1.00	1.009	1.00	25.00	25.00	0.067	0.067	1.00

04030725

300578

Data Subject to Validation

Quantitation Report File: CS030395A

Data: CS030395A.TI

03/03/95 11:30:00

Sample: SST0050 29012-SV25A

Conds.: 0.25 X 30M RTX-5 1.0UM 45/4-300e12

INST C

Formula: Instrument: C

Weight: 1.000

Submitted by: Analyst: BRA

Acct. No.:

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

Resp. fac. from Library Entry

No	Name	
51	C560	4-NITROPHENOL
52	C565	DIBENZOFURAN 0.8
53	C570	2,4-DINITROTOLUENE 0.2 T
54	C543	2,6-DINITROTOLUENE 0.2
55	C580	DIETHYL PHTHALATE
56	C585	4-CHLOROPHENYL PHEN 0.4
57	C590	FLUORENE 0.9
58	C595	4-NITROANILINE
59	C610	4,6-DINITRO2METHYLPH
60	C615	*DIPHENYLAMINE
61	C625	4-BROMOPHENYL PHENY 0.1
62	C630	CL6BENZENE 0.1 T
63	C635	*PENTACHLOROPHENOL 0.05 T
64	C640	PHENANTHRENE 0.7
65	C645	ANTHRACENE 0.7
66	C650	DI-N-BUTYLPHTHALATE
67	C655	*FLUORANTHENE 0.6
68	D200	1,2-DIPHENYLHYDRAZINE
69	C647	CARBAZOLE
70	C715	PYRENE 0.6
71	C720	BUTYLBENZYLPHTHALATE
72	C725	3,3'-CL2BENZIDINE
73	C730	BENZO(A)ANTHRACENE 0.8
74	C740	BIS(2ETHYLHEXYL)PHTH
75	C735	CHRYSENE 0.7
76	C760	*DI-N-OCTYLPHTHALATE
77	C765	BENZO(B)FLUORANTHE 0.7
78	C770	BENZO(K)FLUORANTHE 0.7
79	C775	*BENZO(A)PYRENE 0.7
80	C780	INDENO(1,2,3CD)PYR 0.5
81	C785	DIBENZO(A,H)ANTHRA 0.4
82	C790	BENZO(G,H,I)PERYLE 0.5
83	C310	N-NITROSODIMETHYLAMINE
84	C319	PYRIDINE T
85	CS50	2-FLUOROPHENOL 0.6 (SS-5)

300579

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
51	109	941	15:41	3	1.016	A BB	2305.	25.000 PPB	1.19
52	168	948	15:48	3	1.024	A BB	30862.	25.000 PPB	1.19
53	165	950	15:50	3	1.026	A BB	7440.	25.000 PPB	1.19
54	165	904	15:04	3	0.976	A BB	5691.	25.000 PPB	1.19
55	149	976	16:16	3	1.054	A BV	23900.	25.000 PPB	1.19
56	204	987	16:27	3	1.066	A BB	11701.	25.000 PPB	1.19
57	166	990	16:30	3	1.069	A BV	24431.	25.000 PPB	1.19
58	138	998	16:38	3	1.078	A VB	2649.	25.000 PPB	1.19

Data Subject To Validation

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
59	198	1000	16:40	4	0.907	A BB	3177.	25.000 PPB	1.19
60	169	1002	16:42	4	0.909	A BB	14511.	25.000 PPB	1.19
61	248	1045	17:25	4	0.948	A BB	5959.	25.000 PPB	1.19
62	284	1065	17:45	4	0.966	A BB	6533.	25.000 PPB	1.19
63	266	1086	18:06	4	0.985	A BB	3909.	25.000 PPB	1.19
64	178	1105	18:25	4	1.003	A BV	30670.	25.000 PPB	1.19
65	178	1111	18:31	4	1.008	A VB	32205.	25.000 PPB	1.19
66	149	1167	19:27	4	1.059	A BB	35180.	25.000 PPB	1.19
67	202	1250	20:50	4	1.134	A BV	27208.	25.000 PPB	1.19
68	77	1006	16:46	4	0.913	A BB	37753.	25.000 PPB	1.19
69	167	1130	18:50	4	1.025	A BB	22407.	25.000 PPB	1.19
70	202	1277	21:17	5	0.896	A BV	28627.	25.000 PPB	1.19
71	149	1348	22:28	5	0.946	A BB	14392.	25.000 PPB	1.19
72	252	1417	23:37	5	0.994	A BB	4740.	25.000 PPB	1.19
73	228	1422	23:42	5	0.998	A BV	24409.	25.000 PPB	1.19
74	149	1415	23:35	5	0.993	A BB	21444.	25.000 PPB	1.19
75	228	1428	23:48	5	1.002	A VB	23550.	25.000 PPB	1.19
76	149	1505	25:05	6	0.891	A BB	37093.	25.000 PPB	1.19
77	252	1605	26:45	6	0.950	A BV	28226.	25.000 PPB	1.19
78	252	1609	26:49	6	0.952	A VB	22186.	25.000 PPB	1.19
79	252	1678	27:58	6	0.993	A BB	23045.	25.000 PPB	1.19
80	276	1998	33:18	6	1.182	A BB	24971.	25.000 PPB	1.19
81	278	2000	33:20	6	1.183	A BB	20161.	25.000 PPB	1.19
82	276	2095	34:55	6	1.240	A BB	21913.	25.000 PPB	1.19
83	74	221	3:41	1	0.395	M XX	6153.	25.000 PPB	1.19
84	79	221	3:41	1	0.395	M XX	12015.	25.000 PPB	1.19
85	112	411	6:51	1	0.734	M XX	11440.	25.000 PPB	1.19

No	Ret(L)	Ratio	RRT(L)	Ratio	Amnt	Amnt(L)	R. Fac	R. Fac(L)	Ratio
51	15:41	1.00	1.016	1.00	25.00	25.00	0.071	0.071	1.00
52	15:48	1.00	1.024	1.00	25.00	25.00	1.224	1.224	1.00
53	15:50	1.00	1.026	1.00	25.00	25.00	0.295	0.275	1.00
54	15:04	1.00	0.976	1.00	25.00	25.00	0.226	0.226	1.00
55	16:16	1.00	1.054	1.00	25.00	25.00	0.948	0.948	1.00
56	16:27	1.00	1.066	1.00	25.00	25.00	0.464	0.464	1.00
57	16:30	1.00	1.069	1.00	25.00	25.00	0.969	0.969	1.00
58	16:38	1.00	1.078	1.00	25.00	25.00	0.113	0.113	1.00
59	16:40	1.00	0.907	1.00	25.00	25.00	0.108	0.108	1.00
60	16:42	1.00	0.909	1.00	25.00	25.00	0.491	0.491	1.00
61	17:25	1.00	0.948	1.00	25.00	25.00	0.202	0.202	1.00
62	17:45	1.00	0.966	1.00	25.00	25.00	0.221	0.221	1.00
63	18:06	1.00	0.985	1.00	25.00	25.00	0.132	0.132	1.00
64	18:25	1.00	1.003	1.00	25.00	25.00	1.038	1.038	1.00
65	18:31	1.00	1.008	1.00	25.00	25.00	1.070	1.070	1.00
66	19:27	1.00	1.059	1.00	25.00	25.00	1.190	1.190	1.00
67	20:50	1.00	1.134	1.00	25.00	25.00	0.921	0.921	1.00
68	16:46	1.00	0.913	1.00	25.00	25.00	1.278	1.278	1.00
69	18:50	1.00	1.025	1.00	25.00	25.00	0.758	0.758	1.00
70	21:17	1.00	0.896	1.00	25.00	25.00	1.254	1.254	1.00
71	22:28	1.00	0.946	1.00	25.00	25.00	0.630	0.630	1.00
72	23:37	1.00	0.994	1.00	25.00	25.00	0.208	0.208	1.00
73	23:42	1.00	0.998	1.00	25.00	25.00	1.069	1.069	1.00
74	23:35	1.00	0.993	1.00	25.00	25.00	0.939	0.939	1.00
75	23:48	1.00	1.002	1.00	25.00	25.00	1.031	1.031	1.00
76	25:05	1.00	0.891	1.00	25.00	25.00	1.465	1.465	1.00
77	26:45	1.00	0.950	1.00	25.00	25.00	1.115	1.115	1.00

Data Subject To Validation

300580

CS0307958

No	Ret(L)	Ratio	RRT(L)	Ratio	Amnt	Amnt(L)	R. Fac	R. Fac(L)	Ratio
78	26:49	1.00	0.952	1.00	25.00	25.00	0.876	0.876	1.00
79	27:58	1.00	0.993	1.00	25.00	25.00	0.910	0.910	1.00
80	33:18	1.00	1.182	1.00	25.00	25.00	0.986	0.986	1.00
81	33:20	1.00	1.183	1.00	25.00	25.00	0.796	0.796	1.00
82	34:55	1.00	1.240	1.00	25.00	25.00	0.866	0.866	1.00
83	3:41	1.00	0.395	1.00	25.00	25.00	0.474	0.474	1.00
84	3:41	1.00	0.395	1.00	25.00	25.00	0.926	0.926	1.00
85	6:51	1.00	0.734	1.00	25.00	25.00	0.881	0.881	1.00

C8020375A

300581

Data Subject To Validation

Calibration Check

Instrument Identifier: C

Calibration Date: 02/08/95

Standard File: CS030395A

Date: 03/03/95

Time: 11:30:00

MIN RF: SW(&) = .05

CLP = .01 DR BELOW

MAX XD: SW(*) = 30%

CLP = 25%

Compound	Mean RF(I)	RF(D)	% D
CS50 2-FLUOROPHENOL	0.6 1.253	0.882	29.608 *
CS45 D5-PHENOL	0.8 1.708	1.516	11.263
CS20 D5-NITROBENZENE	0.2 0.386	0.312	19.228
CS25 2-FLUOROBIPHENYL	0.7 1.042	1.060	1.792
CS55 2,4,6-TRIBROMOPHENOL	0.111	0.133	20.680
CS30 D14-P-TERPHENYL	0.5 0.852	0.723	15.155
CS70 2-CHLOROPHENOL-D4	0.8 1.301	1.291	0.740
CS75 1,2-CL2BENZENE-D4	0.4 0.834	0.743	10.892
C315 *PHENOL	0.8 2.004	1.660	17.141 -
C325 BIS(2CHLOROETHYL)E	0.7 1.915	1.573	17.855
C330 2CHLOROPHENOL	0.8 1.331	1.161	12.775
C335 1,3DICHLOROBENZENE	0.6 1.403	1.293	7.869
C340 *1,4DICHLOROBENZENE	0.5 1.434	1.367	4.643 ✓
C320 ANILINE	2.042	1.769	13.365
C310 N-NITROSODIMETHYLAMINE	0.858	0.475	44.665
C319 PYRIDINE	1.239	0.926	25.256
C345 BENZYL ALCOHOL	0.932	0.573	38.538
C350 1,2DICHLOROBENZENE	0.4 1.326	1.239	6.570
C355 2METHYLPHENOL	0.7 1.358	1.088	19.835
C357 2,2'OXYBIS(1CHLOROPR	1.771	1.362	23.082
C365 4METHYLPHENOL	0.6 1.428	0.987	30.856 *
C370 &NITROSOPROPYLAMINE	0.5 1.058	0.832 -	21.327
C375 HEXACHLOROETHANE	0.3 0.592	0.534	9.746
C410 NITROBENZENE	0.2 0.395	0.327	17.152
C415 ISOPHORONE	0.4 0.784	0.662	15.658
C420 *2-NITROPHENOL	0.1 0.223	0.170	23.477 ✓
C425 2,4-DIMETHYLPHENOL	0.2 0.270	0.200	26.018 *
C430 BENZOIC ACID	0.157	0.051	67.602
C435 BIS(2CHLOROETHOXY)	0.3 0.481	0.425	11.629
C440 *2,4DICHLOROPHENOL	0.2 0.236	0.203	13.923 -
C445 1,2,4TRICHLOROBENZ	0.2 0.246	0.241	2.176
C450 NAPHTHALENE	0.7 0.964	0.918	4.799
C455 4-CHLOROANILINE	0.185	0.208	12.370
C460 *CL6BUTADIENE	0.132	0.124	6.045 ✓
C465 *4CHLORO3METHYLPHEN	0.2 0.252	0.218	13.591 ✓
C470 2METHYLNAPHTHALENE	0.4 0.598	0.588	1.648
C510 &CL6CYCLOPENTADIENE	0.179	0.202 ✓	12.870
C515 *246TRICHLOROPHNEOL	0.2 0.277	0.267	3.718 ✓
C520 2,4,5TRICHLOROPHEN	0.2 0.272	0.285	4.908
C525 2CHLORONAPHTHALENE	0.8 0.937	1.008	7.615
C530 2-NITROANILINE	0.313	0.295	5.603
C535 DIMETHYL PHTHALATE	0.935	0.976	4.405
C540 ACENAPHTHYLENE	1.3 1.474	1.548	4.990
C545 3-NITROANILINE	0.084	0.154	83.300
C550 *ACENAPHTHENE	0.8 0.858	0.849	1.019 ✓
C321 2,3,4,6-TETRACHLOROPHE	0.245	0.259	5.833
C555 &2,4DINITROPHENOL	0.115	0.067 ✓	41.112

300582

Data Subject To Validation

C560	2,4-NITROPHENOL		0.134	0.092	31.296
C565	DIBENZOFURAN	0.8	1.207	1.225	1.503
C570	2,4-DINITROTOLUENE	0.2	0.278	0.296	6.373
C543	2,6-DINITROTOLUENE	0.2	0.221	0.226	2.216
C580	DIETHYL PHTHALATE		0.909	0.949	4.402
C585	4-CHLOROPHENYL PHEN	0.4	0.455	0.465	2.232
C590	FLUORENE	0.9	0.952	0.970	1.899
C595	4-NITROANILINE		0.075	0.114	51.756
C610	4,6-DINITRO-2-METHYLPH		0.149	0.108	27.509
C615	*DIPHENYLAMINE		0.410	0.492	19.878 ✓
C625	4-BROMOPHENYL PHENY	0.1	0.230	0.202	12.048
C630	CL6-BENZENE	0.1	0.243	0.222	8.630
C635	*PENTACHLOROPHENOL	0.05	0.172	0.133	22.977 ✓
C640	PHENANTHRENE	0.7	1.147	1.038	9.489
C645	ANTHRACENE	0.7	1.206	1.090	9.616
C650	DI-N-BUTYLPHTHALATE		1.493	1.191	20.242
C655	*FLUORANTHENE	0.6	1.071	0.921	14.002 ✓
D200	1,2-DIPHENYLHYDRAZINE		1.451	1.278	11.925
C647	CARBAZOLE		0.386	0.759	96.401
C715	PYRENE	0.6	1.341	1.254	6.450
C720	BUTYLBENZYLPHTHALATE		0.705	0.631	10.580
C725	3,3'-CL2-BENZIDINE		0.261	0.208	20.201
C730	BENZO(A)ANTHRACENE	0.8	1.105	1.069	3.254
C740	BIS(2-ETHYLHEXYL)PHTH		0.963	0.940	2.407
C735	CHRYSENE	0.7	1.072	1.032	3.758
C760	*DI-N-OCTYLPHTHALATE		1.531	1.466	4.286 ✓
C765	BENZO(B)FLUORANTHE	0.7	1.028	1.115	8.528
C770	BENZO(K)FLUORANTHE	0.7	1.037	0.877	15.439
C775	*BENZO(A)PYRENE	0.7	0.932	0.911	2.259 ✓
780	INDENO(1,2,3-CD)PYR	0.5	0.996	0.987	0.901
785	DIBENZO(A,H)ANTHRA	0.4	0.838	0.797	4.958
C790	BENZO(G,H,I)PERYLE	0.5	0.871	0.866	0.601

CS030395A

300583

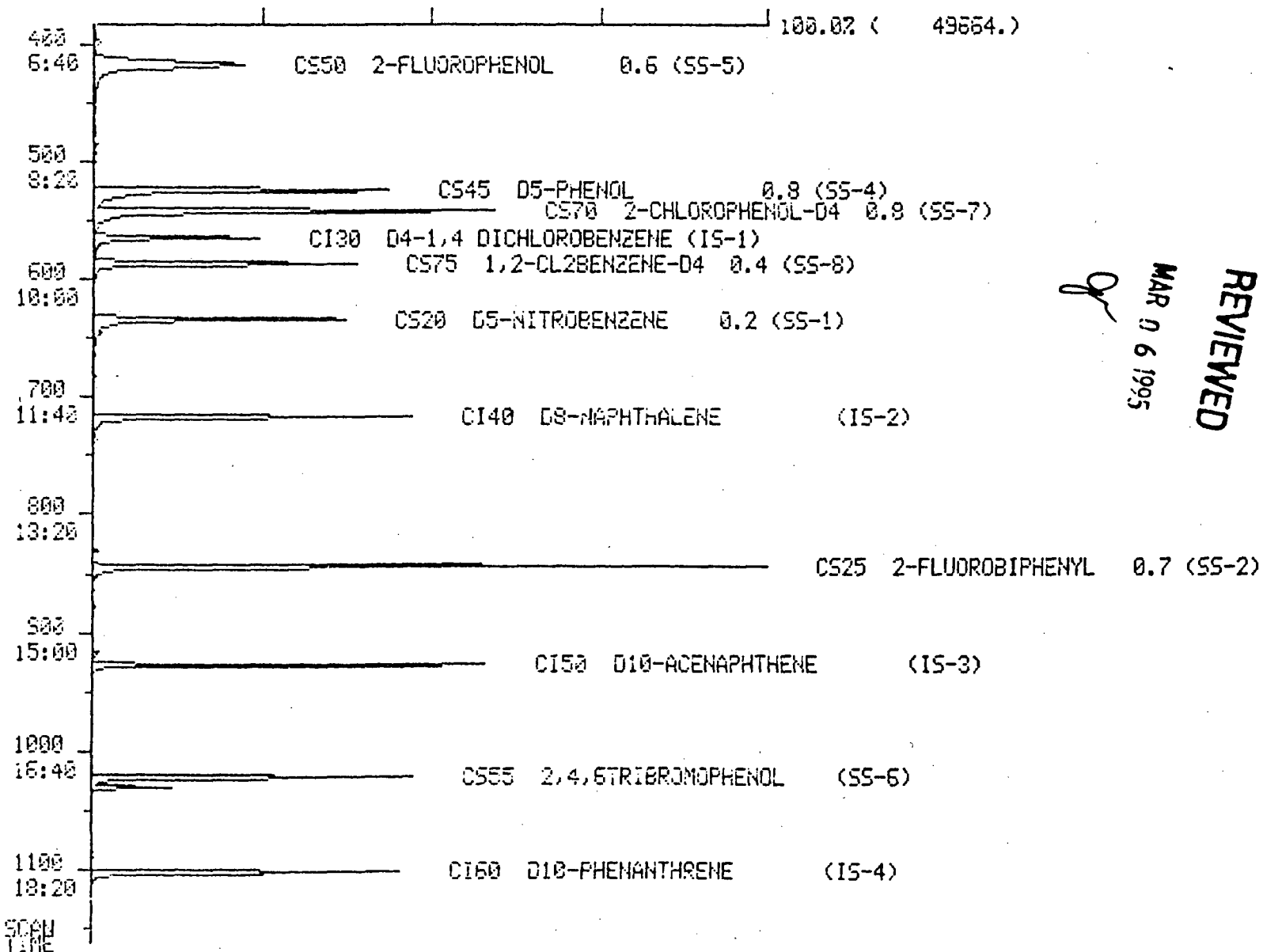
Data Subject To Validation

DATA FROM FILE: SV12522WB2 SCANS 393 TO 1153 ACQUIRED: 03/03/95 16:21:00

CALI: SV12522WB2 #1

SAMPLE: SBLKW WATER-12522WB2 HLA

COND.: 0.25 X 30M RTX-5 1.0UM 45/4-300@12 INST C



MAR 06 1995

REVIEWED

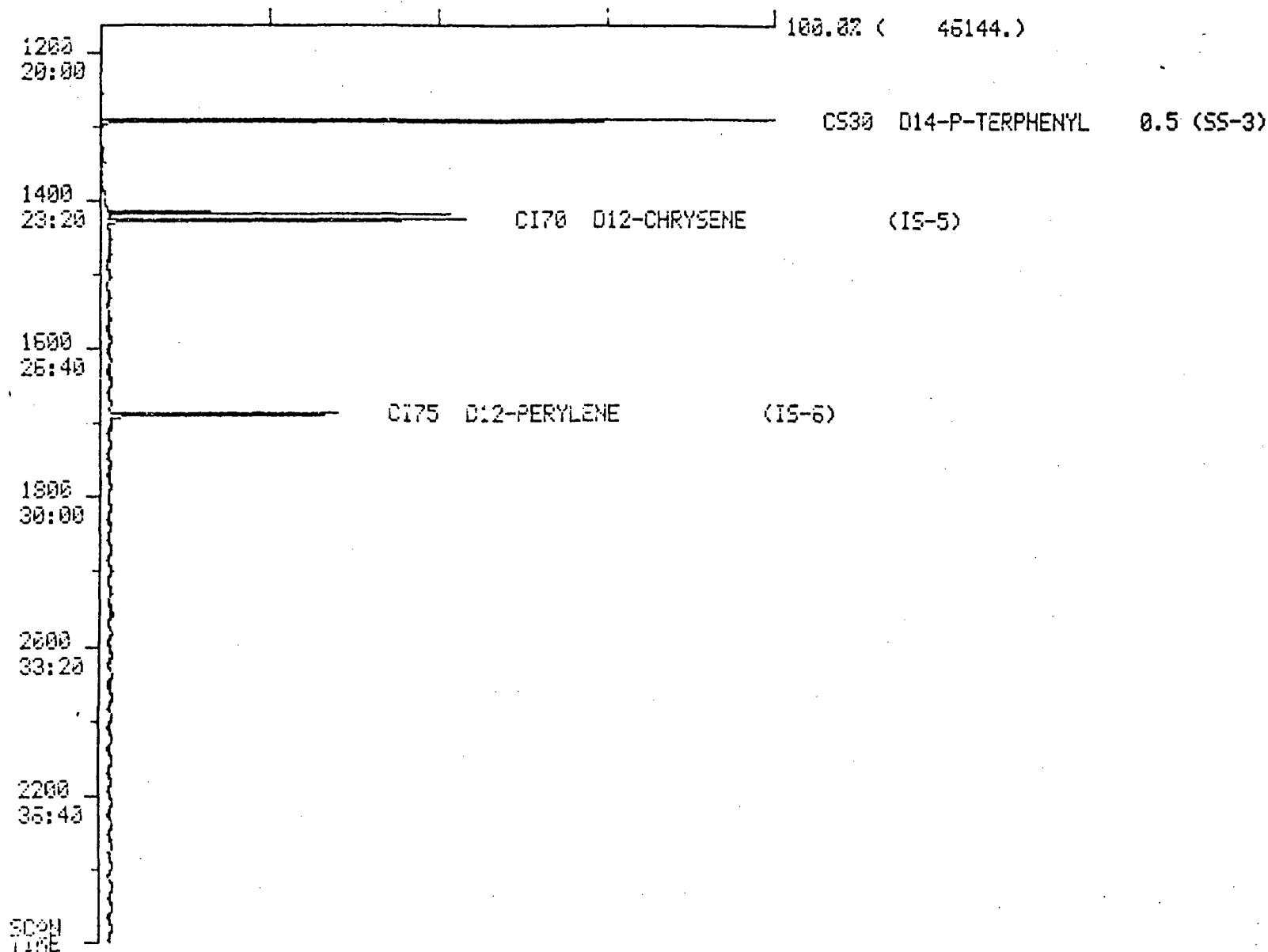
Date Sample in Vial: 300584

DATA FROM FILE: SU12522WB2 SCANS 1163 TO 2400 ACQUIRED: 03/03/95 16:21:00

CALI: SU12522WB2 #1

SAMPLE: SBLKW WATER-12522WB2 HLA

CONDS.: 0.25 X 30M RTX-5 1.0UM 45/4-300012 INST C



Data Subject to Verification
300585

Quantitation Report File: SV12522WB2

Data: SV12522WB2.TI

03/03/95 16:21:00

Sample: SBLKW WATER-12522WB2 HLA

Conds.: 0.25 X 30M RTX-5 1.0UM 45/4-300@12

Formula: Instrument: C

Submitted by: Analyst: SRA

INST C

Weight: 1.000

Acct. No.: 12522

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

Resp. fac. from Library Entry

No	Name
1	CI30 D4-1,4 DICHLOROBENZENE (IS-1)
2	CI40 DB-NAPHTHALENE (IS-2)
3	CI50 D10-ACENAPHTHENE (IS-3)
4	CI70 D12-CHRYSENE (IS-5)
5	CI75 D12-PERYLENE (IS-6)
6	CS50 2-FLUOROPHENOL 0.6 (SS-5)
7	CS45 D5-PHENOL 0.8 (SS-4)
8	CS20 D5-NITROBENZENE 0.2 (SS-1)
9	CS25 2-FLUOROBIPHENYL 0.7 (SS-2)
10	CS55 2,4,6-TRIBROMOPHENOL (SS-6)
11	CS30 D14-P-TERPHENYL 0.5 (SS-3)
12	CI60 D10-PHENANTHRENE (IS-4)
13	CS70 2-CHLOROPHENOL-D4 0.8 (SS-7)
14	CS75 1,2-CL2BENZENE-D4 0.4 (SS-8)

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
1	152	563	9:23	1	1.000	A BB	8026.	20.000 PPB	3.54
2	136	715	11:55	2	1.000	A BB	31623.	20.000 PPB	3.54
3	164	926	15:26	3	1.000	A BB	17464.	20.000 PPB	3.54
4	240	1424	23:44	4	1.000	A BB	18011.	20.000 PPB	3.54
5	264	1685	28:05	5	1.000	A BB	19126.	20.000 PPB	3.54
6	112	416	6:56	1	0.739	A BB	27610.	78.056 PPB	13.82
7	99	523	8:43	1	0.929	A BB	41209.	67.775 PPB	12.00
8	82	633	10:33	2	0.885	A BB	22435.	45.610 PPB	8.08
9	172	843	14:03	3	0.910	A BB	35348.	38.190 PPB	6.76
10	330	1021	17:01	3	1.103	A BB	7704.	66.342 PPB	11.75
11	244	1290	21:30	4	0.906	A BB	32205.	49.486 PPB	8.76
12	188	1101	18:21	12	1.000	A BB	19910.	20.000 PPB	3.54
13	132	541	9:01	1	0.961	A BB	32409.	62.577 PPB	11.08
14	152	585	9:45	1	1.039	A BB	10926.	36.660 PPB	6.49

No	Ret(L)	Ratio	RRT(L)	Ratio	Amnt	Amnt(L)	R. Fac	R. Fac(L)	Ratio
1	9:20	1.01	1.000	1.00	20.00	20.00	1.000	1.000	1.00
2	11:55	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
3	15:26	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
4	23:45	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
5	28:10	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
6	6:51	1.01	0.734	1.01	78.06	25.00	2.752	0.881	3.12
7	8:41	1.00	0.930	1.00	67.77	25.00	4.108	1.515	2.71
8	10:31	1.00	0.883	1.00	45.61	25.00	0.568	0.311	1.82
9	14:03	1.00	0.910	1.00	38.19	25.00	1.619	1.060	1.53
10	17:01	1.00	1.103	1.00	66.34	25.00	0.353	0.133	2.65
11	21:31	1.00	0.906	1.00	49.49	25.00	1.430	0.723	1.98

Data Subject To Validation 300586

No	Ret(L)	Ratio	RRT(L)	Ratio	Amnt	Amnt(L)	R. Fac	R. Fac(L)	Ratio
12	18:22	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
13	8:58	1.01	0.961	1.00	62.58	25.00	3.230	1.291	2.50
14	9:42	1.01	1.039	1.00	36.66	25.00	1.089	0.743	1.47

300587

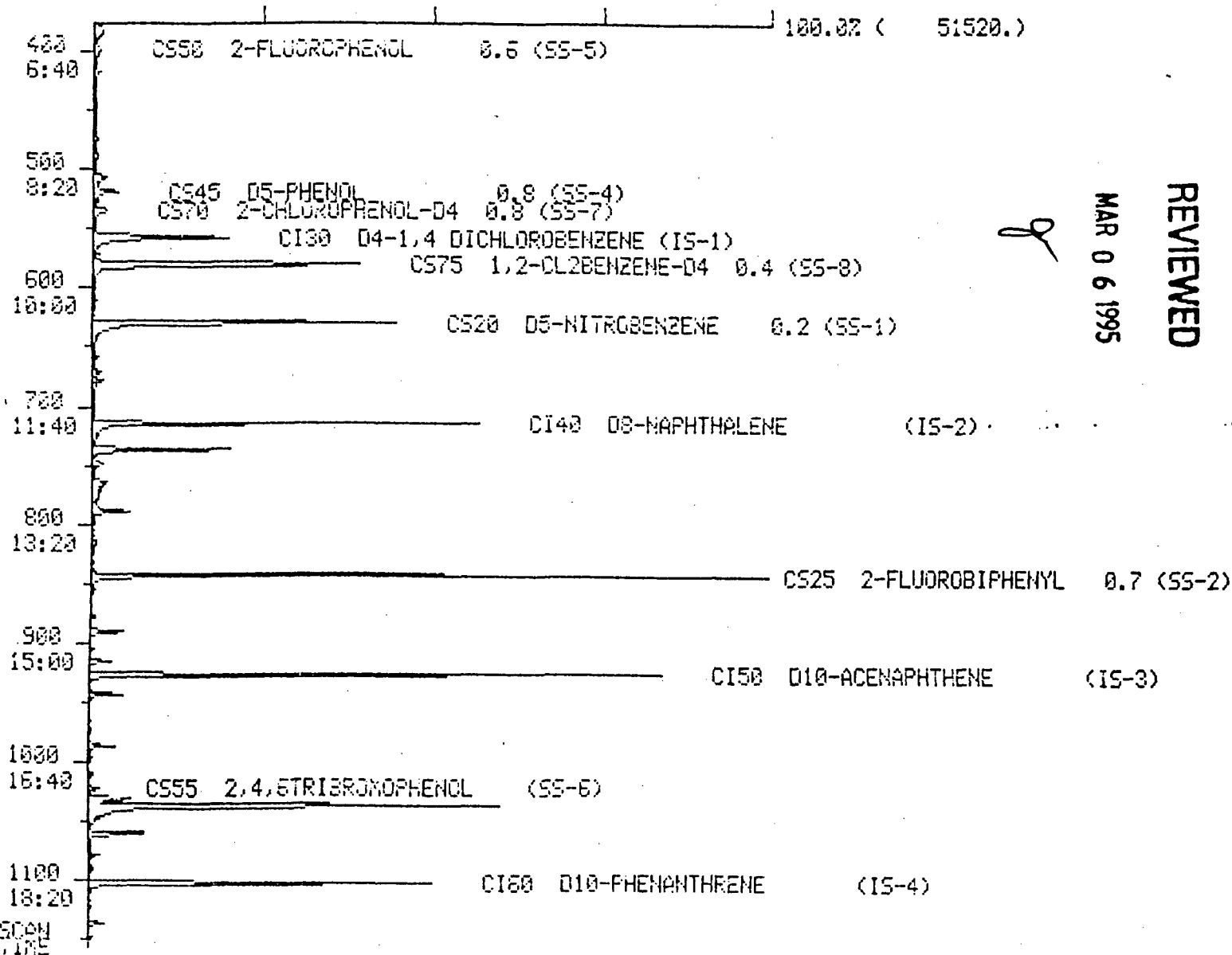
Data Subject To Validation

DATA FROM FILE: SUWAW03RE SCANS 375 TO 1155 ACQUIRED: 03/03/95 17:06:00
CALI: SUWAW03RE #1
SAMPLE: MW0003 WATER HLA
CONDS.: 0.25 X 30M RTX-5 1.0UM 45/4-300012 INST C

REVIEWED

MAR 06 1995

q



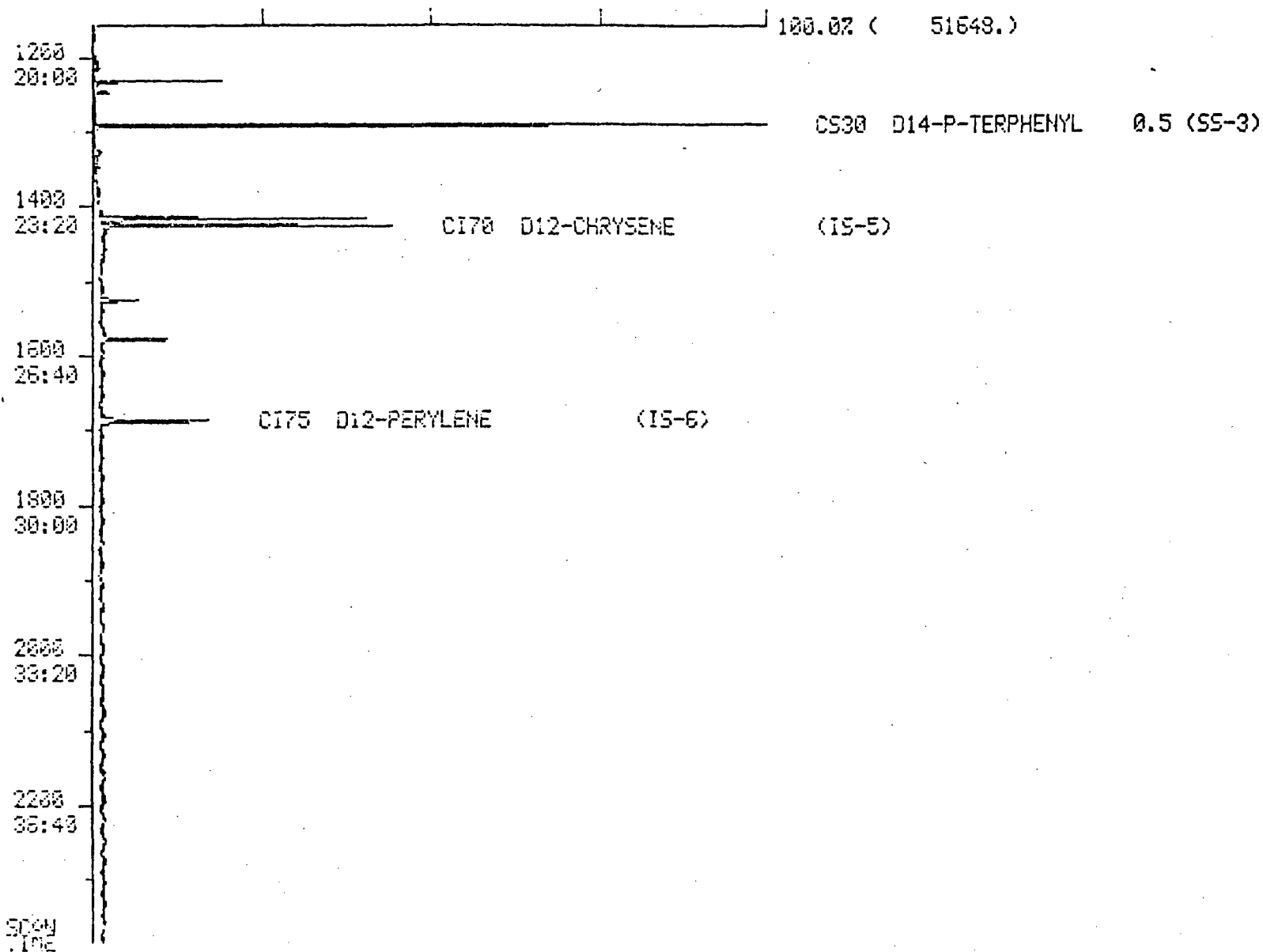
Date Subject to Validation

DATA FROM FILE: SUMAW03RE SCANS 1156 TO 2385 ACQUIRED: 03/03/95 17:06:00

CALI: SUMAW03RE #1

SAMPLE: MW0003 WATER HLA

CONDS.: 0.25 X 30M RTX-5 1.0UM 45/4-300012 INST C



Data Subject To Validation
300589

Quantitation Report File: SVWAW03RE

Data: SVWAW03RE.TI

03/03/95 17:06:00

Sample: MW0003 WATER HLA

Conds.: 0.25 X 30M RTX-5 1.0UM 45/4-300@12

INST C

Formula: Instrument: C

Weight: 1.000

Submitted by: Analyst: SRA

Acct. No.: 12522

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

Resp. fac. from Library Entry

No	Name	
1	CI30	D4-1,4 DICHLORO BENZENE (IS-1)
2	CI40	D8-NAPHTHALENE (IS-2)
3	CI50	D10-ACENAPHTHENE (IS-3)
4	CI60	D10-PHENANTHRENE (IS-4)
5	CI70	D12-CHRYSENE (IS-5)
6	CI75	D12-PERYLENE (IS-6)
7	CS45	D5-PHENOL 0.8 (SS-4)
8	CS20	D5-NITROBENZENE 0.2 (SS-1)
9	CS25	2-FLUOROBIPHENYL 0.7 (SS-2)
10	CS30	D14-P-TERPHENYL 0.5 (SS-3)
11	C450	NAPHTHALENE 0.7
12	C740	BIS(2ETHYLHEXYL)PHTH
13	CS50	2-FLUOROPHENOL 0.6 (SS-5)
14	CS75	1,2-CL2BENZENE-D4 0.4 (SS-8)
15	CS70	2-CHLOROPHENOL-D4 0.8 (SS-7)
16	CS55	2,4,6TRIBROMOPHENOL (SS-6)

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%ot
1	152	556	9:16	1	1.000	A BB	8335.	20.000 PPB	5.68
2	136	713	11:53	2	1.000	A BB	32507.	20.000 PPB	5.68
3	164	926	15:26	3	1.000	A BB	17912.	20.000 PPB	5.68
4	128	1101	18:21	4	1.000	A BB	19972.	20.000 PPB	5.68
5	240	1423	23:43	5	1.000	A BB	12531.	20.000 PPB	5.68
6	264	1685	28:05	6	1.000	A BB	11872.	20.000 PPB	5.68
7	99	517	8:37	1	0.930	A BB	3705.	5.867 PPB	1.67
8	82	628	10:28	2	0.881	A BB	22537.	44.571 PPB	12.65
9	172	842	14:02	3	0.909	A BB	39116.	41.204 PPB	11.69
10	244	1289	21:29	5	0.906	A BB	33441.	73.856 PPB	20.96
11	128	718	11:58	2	1.007	A BV	774.	0.519 PPB	0.15
12	149	1414	23:34	5	0.994	A BB	10682.	18.155 PPB	5.15
13	112	397	6:37	1	0.714	A BB	751.	2.044 PPB	0.58
14	152	578	9:38	1	1.040	A BB	12366.	39.953 PPB	11.34
15	132	534	8:54	1	0.960	A BB	1958.	3.640 PPB	1.03
16	330	1020	17:00	3	1.102	A BB	301.	2.527 PPB	0.72

No	Ret(L)	Ratio	RRT(L)	Ratio	Amnt	Amnt(L)	R. Fac	R. Fac(L)	Ratio
1	9:20	0.99	1.000	1.00	20.00	20.00	1.000	1.000	1.00
2	11:55	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
3	15:26	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
4	18:22	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
5	23:45	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
6	28:10	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
7	8:41	0.99	0.930	1.00	5.87	25.00	0.356	1.515	0.23

300590

Data Subject To Validation

No	Ret(L)	Ratio	RRT(L)	Ratio	Amnt	Amnt(L)	R. Fac	R. Fac(L)	Ratio
8	10:31	1.00	0.883	1.00	44.57	25.00	0.555	0.311	1.78
9	14:03	1.00	0.910	1.00	41.20	25.00	1.747	1.060	1.65
10	21:31	1.00	0.906	1.00	73.86	25.00	2.135	0.723	2.95
11	11:57	1.00	1.003	1.00	0.52	25.00	0.019	0.917	0.02
12	23:35	1.00	0.993	1.00	18.15	25.00	0.682	0.939	0.73
13	6:51	0.97	0.734	0.97	2.04	25.00	0.072	0.881	0.08
14	9:42	0.99	1.039	1.00	39.95	25.00	1.187	0.743	1.60
15	8:58	0.99	0.961	1.00	3.64	25.00	0.188	1.291	0.15
16	17:01	1.00	1.103	1.00	2.53	25.00	0.013	0.133	0.10

300591

Data Subject To Validation

TARGET COMPOUND COMPARISON

COMPOUND: C450 NAPHTHALENE 0.7

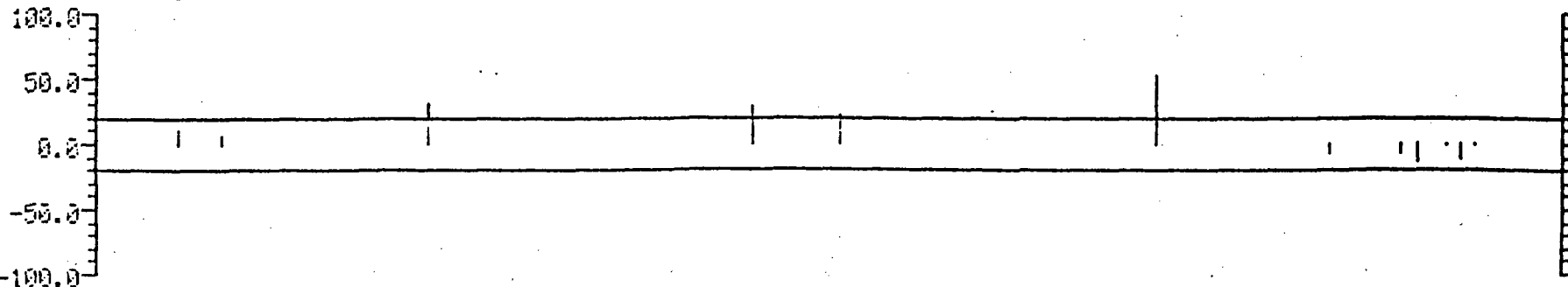
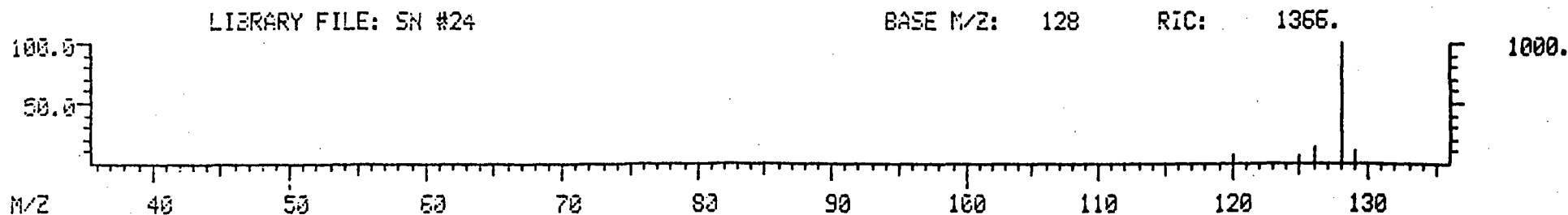
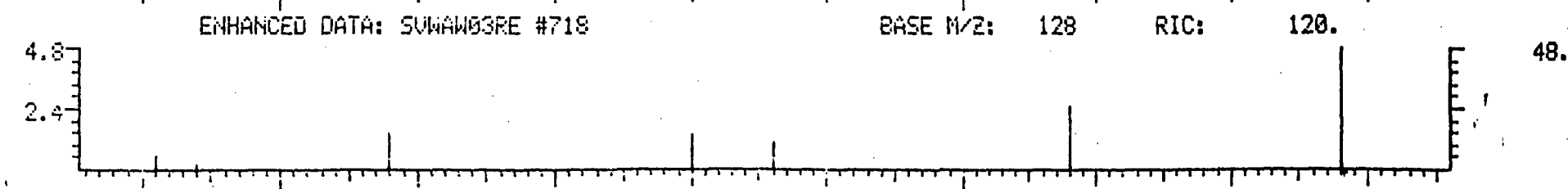
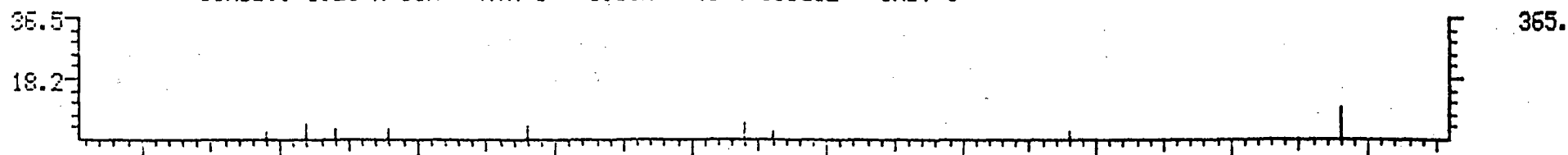
RAW DATA: SUWAW03RE #718

BASE M/Z: 136 RIC: 757.

03/03/95 17:06

SAMPLE: MW0003 WATER HLA

CONDS.: 0.25 X 30M RTX-5 1.0UM 45/4-300012 INST C



Data Subject To Validation
300592

TARGET COMPOUND COMPARISON

COMPOUND: C740 BIS(2ETHYLHEXYL)PHTH

RAW DATA: SUWAW03RE #1414

BASE M/Z: 149

RIC: 20896.

03/03/95 17:05

SAMPLE: MW0303 WATER HLA

CONDS.: 0.25 X 30M RTX-5 1.0UM 45/4-300012 INST C

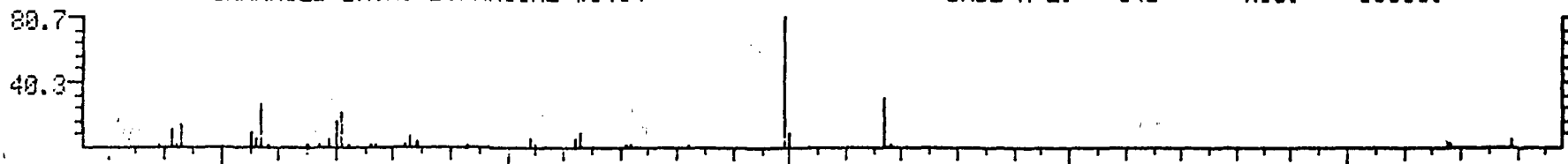


5296.

ENHANCED DATA: SUWAW03RE #1414

BASE M/Z: 149

RIC: 15600.



4272.

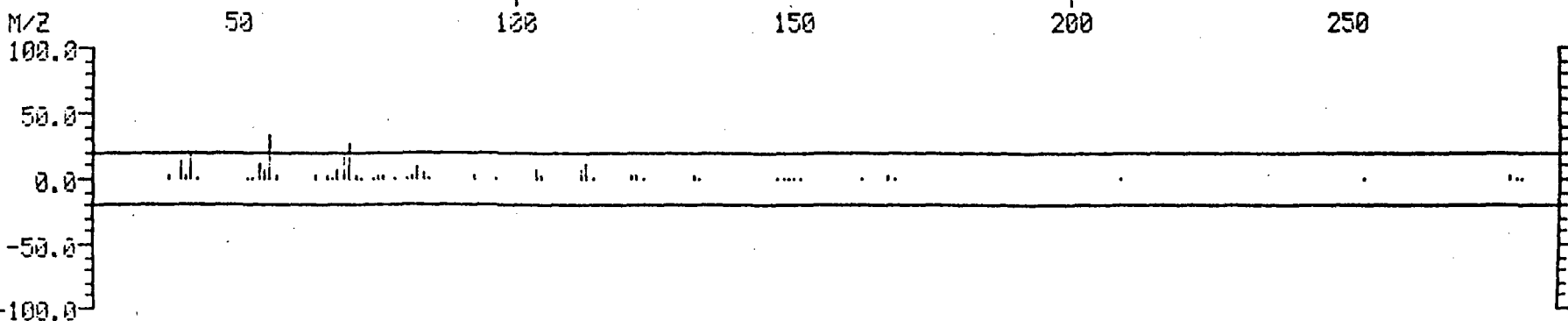
LIBRARY FILE: SN #56

BASE M/Z: 149

RIC: 1586.



1000.



Data Subject To Validation

300593

GC/MS PERFORMANCE STANDARD

Decafluorotriphenylphosphine (DFTPP)

m/z	Ion Abundance Criteria	% Relative Abundance		Status
		Base Peak	Appropriate Peak	
51	30-60% of mass 198	57.37	57.37	Ok
68	Less than 2% of mass 69	0.00	0.00	Ok
69	(reference only)	84.88	84.88	Ok
70	Less than 2% of mass 69	.22	.26	Ok
127	40-60% of mass 198	59.02	59.02	Ok
197	Less than 1% of mass 198	0.00	0.00	Ok
198	Base peak, 100% relative abundance	100.00	100.00	Ok
199	5-9% of mass 198	6.78	6.78	Ok
275	10-30% of mass 198	22.66	22.66	Ok
365	Greater than 1% of mass 198	1.67	1.67	Ok
441	0-100% of mass 443	8.48	94.95	Ok
442	Greater than 40% of mass 198	50.98	50.98	Ok
443	17-23% of mass 442	8.93	17.52	Ok

Injection Date: 02/02/95

Injection Time: 09:19

Data File: >H033A

Scan: 427

300594

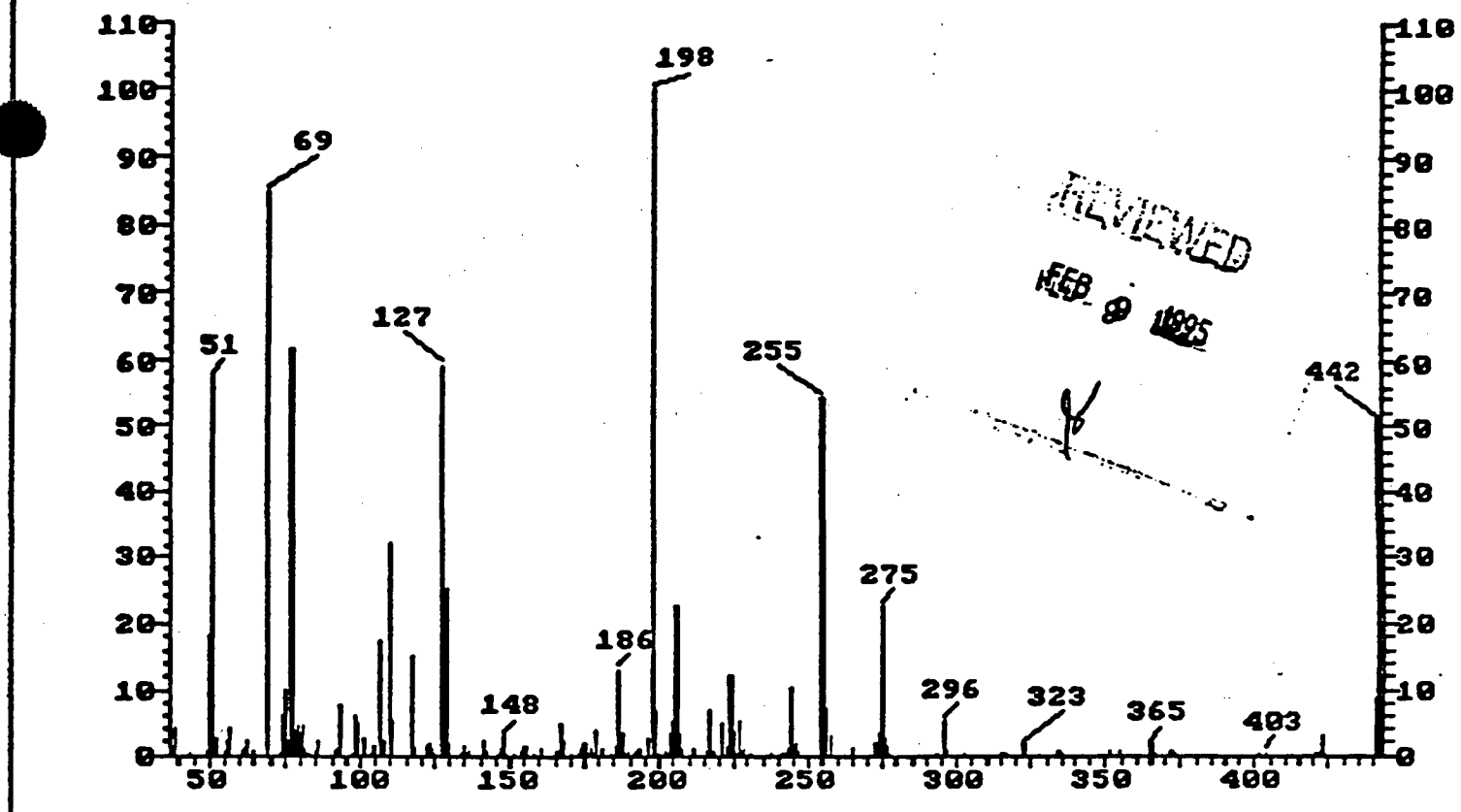
Data Subject To Validation

File >H033A 50ng
Bpk Ab 100.

DFTPP

290-04-PERF-5988
SUB NRM

Scan 427
7.63 min.



Data Filename: >H033A::D1

Name: 50ng DFTPP

Misc: 290-04-PERF-5988

INST H

BTL# 1

Operator ID: DAVID SUPER GRP.

Analysis Date/Time : 2/02/95 9:19

300595

Data Subject To Validation

>H033A

50ng

DFTPP

290-04-PERF-5988

INST H

427

SUB NRM

File: >H033A Scan #: 427 Retn. time: 7.63

m/z	Int.	m/z	Int.	m/z	Int.	m/z	Int.	m/z	Int.
36.95	.439	96.90	.346	154.15	.611	202.95	.406	276.05	2.727
38.05	1.096	98.00	6.047	155.00	1.276	204.05	3.446	277.05	1.574
38.95	4.003	99.00	4.756	156.15	1.574	205.05	5.499	278.00	.343
43.80	.262	100.90	2.700	157.00	.238	206.05	22.854	293.00	.445
48.95	.620	103.00	.557	158.00	.563	207.05	3.624	296.00	5.180
49.95	18.116	103.90	1.499	160.15	.527	208.05	.939	297.00	.867
50.95	57.365	105.00	1.291	161.00	1.225	211.05	1.008	303.00	.557
51.95	2.926	107.00	17.418	162.00	.241	216.05	.620	314.15	.196
52.95	.217	108.00	2.297	165.00	.780	216.95	6.775	314.90	.461
55.20	.641	110.00	32.118	166.00	.831	218.05	.614	316.00	.283
55.90	1.950	111.00	5.647	166.95	4.972	221.05	4.885	321.90	.108
56.90	4.280	112.00	.205	167.95	1.950	223.05	1.303	323.00	1.776
60.90	.861	117.00	14.959	169.95	.292	224.05	12.235	324.00	.157
62.00	1.026	118.00	1.147	172.95	.539	224.95	3.660	327.65	.108
63.00	2.218	121.40	.066	173.95	.969	226.05	.268	334.00	.915
64.90	.659	122.00	1.342	174.95	1.616	226.95	5.063	335.00	.436
68.90	84.875	123.00	1.683	176.05	.479	228.05	.683	345.90	.241
69.90	.223	124.00	1.081	176.95	1.141	228.95	1.219	352.00	.674
73.15	.433	125.00	.370	178.05	.352	230.95	.370	354.15	.707
73.90	6.300	127.00	59.018	178.95	3.853	236.95	.262	365.00	1.667
75.00	10.041	128.00	4.286	180.95	1.129	240.95	.412	366.00	.271
76.00	2.507	129.00	24.931	182.80	.117	241.95	.461	370.15	.087
77.00	61.344	130.00	1.761	184.05	.457	243.05	.996	372.00	.749
78.00	3.973	132.00	.214	185.05	1.523	244.05	10.155	373.00	.364
78.90	4.367	134.00	.539	186.05	12.930	244.95	1.282	389.95	.166
79.90	3.356	135.00	1.415	187.05	3.531	246.05	1.743	401.95	.319
81.00	4.421	136.00	.515	188.05	.536	247.05	.689	402.95	.497
81.90	1.162	137.00	.765	188.95	.819	255.05	54.081	420.95	.391
83.00	.554	138.00	.108	190.95	.439	256.05	7.230	422.05	.641
85.00	.798	141.00	2.348	191.95	.873	257.05	.412	422.95	3.202
86.00	2.029	142.15	.849	193.05	1.035	257.95	2.971	423.95	.373
87.00	.232	146.00	.533	195.95	2.838	263.95	.144	440.95	8.482
87.90	.150	147.00	1.062	197.95	100.000	265.05	1.129	442.05	50.975
91.00	.710	148.00	3.076	198.95	6.784	273.05	1.755	442.95	8.933
92.00	.978	148.90	.457	199.95	.379	274.05	3.570	444.05	1.114
92.90	7.621	151.15	.412	201.45	.632	275.05	22.661		

300596

Data Subject To Validation

QUANT REPORT

Operator ID: DAVID
Output File: ^H033A::BQ
Data File: >H033A::D1
Name: 50ng DFTPP
Misc: 290-04-PERF-5988

Quant Rev: 6 Quant Time: 950202 10:25
 Injected at: 950202 09:21
 Dilution Factor: 1.00000

INST H

BTL# 1

ID File: ID_DFT::DB
Title: DFTPP/BENZIDINE/PENTACHLOROPHENOL PERFORMANCE
Last Calibration: 950202 10:22

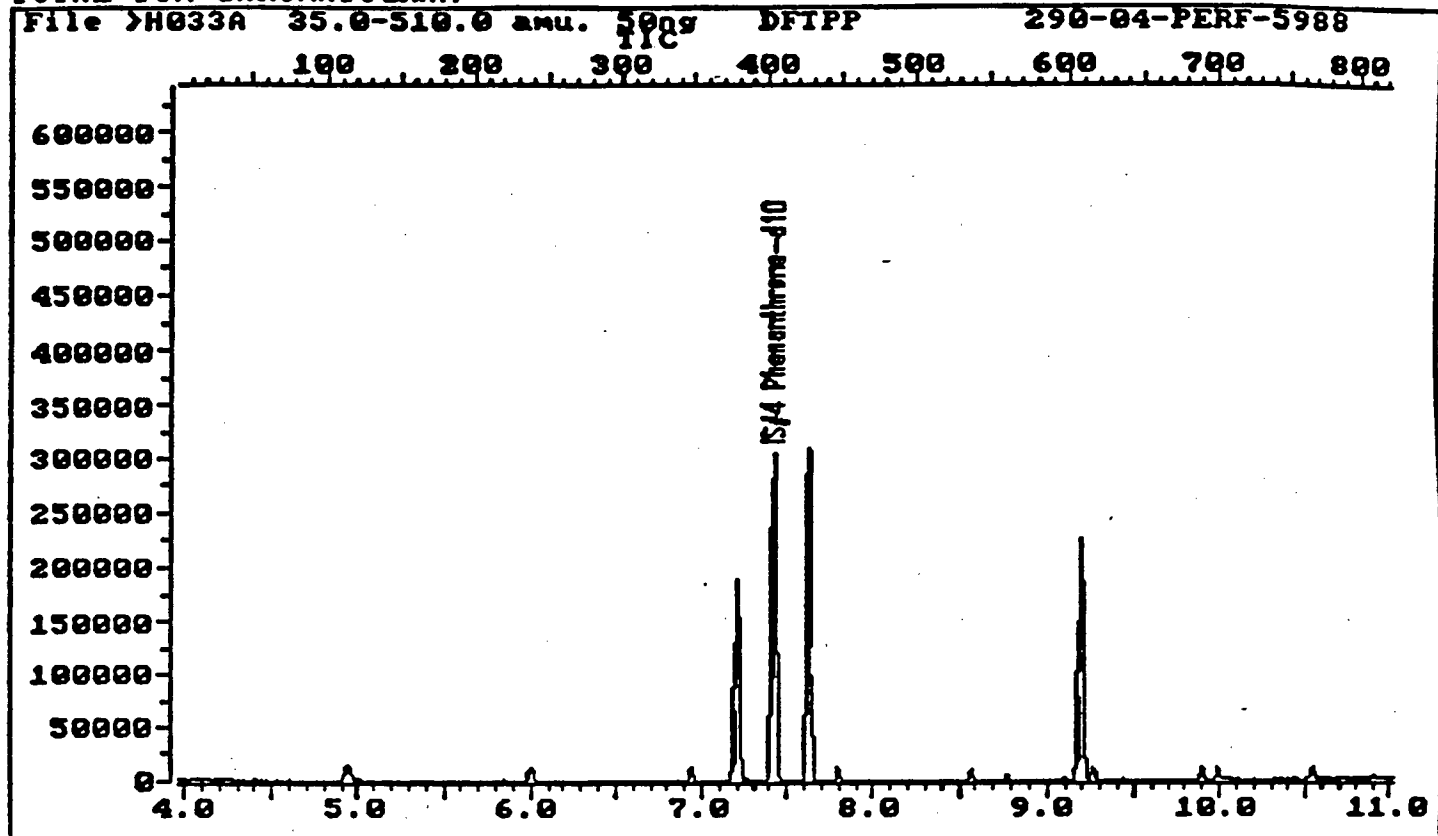
Compound	R.T.	Q ion	Area	Conc	Units	q
1) *IS#4 Phenanthrene-d10	7.42	188.2	177455	20.00	ppb	85
2) Pentachlorophenol	7.20	265.9	36193	25.00	ppb	98
3) Benzidine	9.19	184.2	134593	25.00	ppb	90

* Compound is ISTD

300597

Data Subject To Validation

TOTAL ION CHROMATOGRAM



Data File: >H033A::D1
Name: 50ng DFTPP
Misc: 290-04-PERF-5988

Quant Output File: ^H033A::BQ

INST H

BTL# 1

Id File: ID DFT::DB
Title: DFTPP/BENZIDINE/PENTACHLOROPHENOL PERFORMANCE
Last Calibration: 950202 10:22

Operator ID: DAVID
Quant Time: 950202 10:25
Injected at: 950202 09:21

300598

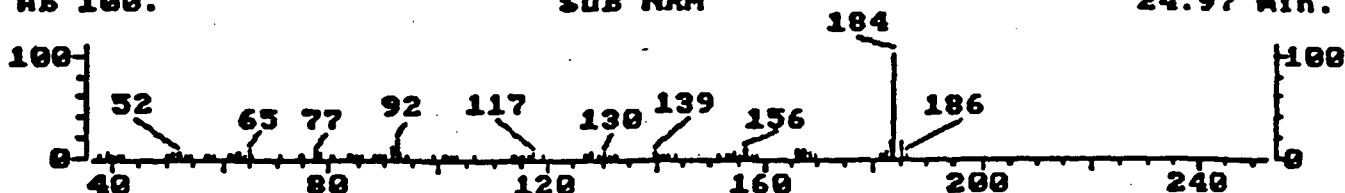
Data Subject To Validation

REFERENCE STANDARD SPECTRUM

File >H099P BENZIDINES SDT
Bpk Ab 100.

1028-21-BENZ-50
SUB NRM

INST Scan 2538
24.97 min.

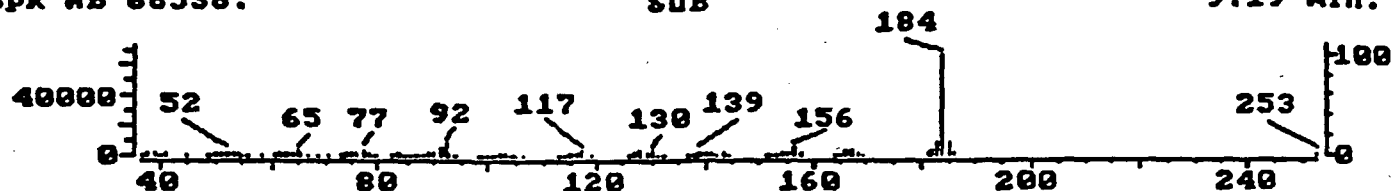


SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)

File >H033A 50ng DFTPP
Bpk Ab 66536.

290-04-PERF-5988
SUB

Scan 608
9.19 min.

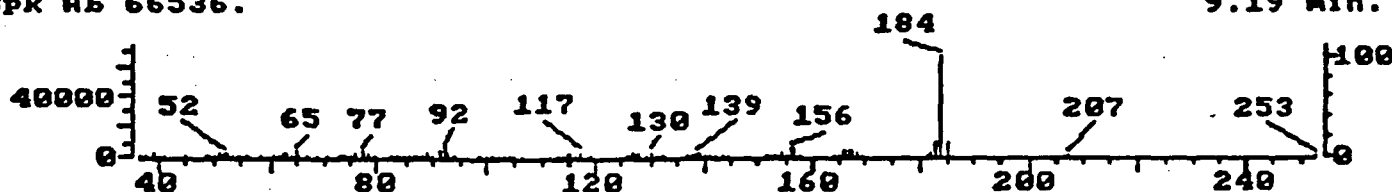


SAMPLE SPECTRUM (UNALTERED)

File >H033A 50ng DFTPP
Bpk Ab 66536.

290-04-PERF-5988

Scan 608
9.19 min.



Data File: >H033A::D1
Name: 50ng DFTPP
Misc: 290-04-PERF-5988
Quant Time: 950202 10:25
Injected at: 950202 09:21

Quant Output File: ^H033A::BQ

INST H

BTL# 1

Quant ID File: ID_DFT::DB

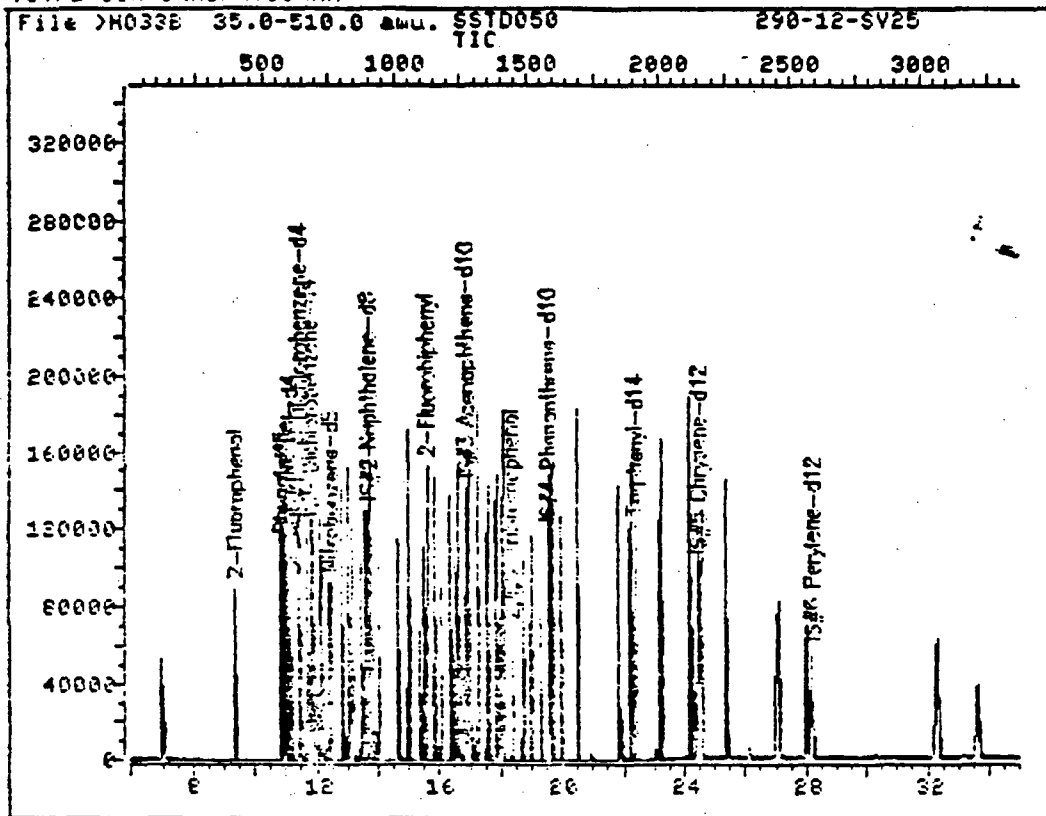
Last Calibration: 950202 10:22

Compound No: 3
Compound Name: Benzidine
Scan Number: 609
Retention Time: 9.19 min.
Quant Ion: 184.2
Area: 134593
Concentration: 25.00 ppb
q-value: 90

300599

Data Subject To Validation

TOTAL ION CHROMATOGRAM



REVIEWED
FEB. 10 1995

Data File: >H033B::D1

Quant Output File: ^H033B::BQ

Name: SST0050

Misc: 290-12-SV25

INST H

BTL# 2

Id File: ID_SH::DB

Title: SEMIVOLATILES BY SW846-8270/EPA 625

Last Calibration: 950202 10:33

Operator ID: DAVID

Quant Time: 950202 10:52

Injected at: 950202 09:43

300600

DT 2.2.95

Data Subject To Validation

QUANT REPORT

Operator ID: DAVID
 Output File: ^H033B::BQ
 Data File: >H033B::D1
 Name: SST0050
 Misc: 290-12-SV25

Quant Rev: 6 Quant Time: 950202 10:52
 Injected at: 950202 09:43
 Dilution Factor: 1.00000

INST H

BTL# 2

ID File: ID_SH::DB
 Title: SEMIVOLATILES BY SW846-8270/EPA 625
 Last Calibration: 950202 10:33

	Compound	R.T.	Q ion	Area	Conc	Units	q
1)	*IS#1 1,4-Dichlorobenzene-d4	11.42	152.0	27784	20.00	ppb	99
2)	Pyridine	6.96	79.1	30623	25.00	ppb	87
3)	N-Nitrosodimethylamine	6.98	74.0	21465	25.00	ppb	96
4)	Phenol-d5	10.82	99.0	52223	25.00	ppb	90
5)	2-Chlorophenol-d4	11.09	132.0	41615	25.00	ppb	88
6)	2-Fluorophenol	9.35	112.0	39638	25.00	ppb	76
7)	Aniline	10.93	93.0	76624	25.00	ppb	99
8)	Phenol	10.84	94.0	55874	25.00	ppb	60
9)	2-Chlorophenol	11.12	128.0	42157	25.00	ppb	87
10)	bis(2-Chloroethyl)ether	10.98	93.0	50916	25.00	ppb	93
11)	1,3-Dichlorobenzene	11.36	146.0	47385	25.00	ppb	97
12)	1,4-Dichlorobenzene	11.45	146.0	47863	25.00	ppb	93
13)	1,2-Dichlorobenzene-d4	11.76	152.0	26770	25.00	ppb	96
14)	1,2-Dichlorobenzene	11.77	146.0	44127	25.00	ppb	95
15)	Benzyl alcohol	11.65	108.1	25819	25.00	ppb	93
16)	2,2'Oxybis-(1-chloropropane)	11.90	44.9	48964	25.00	ppb	97
17)	2-Methylphenol	11.84	108.0	38849	25.00	ppb	94
18)	N-Nitroso-di-n-propylamine	12.14	70.0	32460	25.00	ppb	78
19)	Hexachloroethane	12.31	117.0	20535	25.00	ppb	90
20)	4-Methylphenol	12.07	108.0	40765	25.00	ppb	99
21)	*IS#2 Naphthalene-d8	13.66	136.1	101995	20.00	ppb	99
22)	Nitrobenzene-d5	12.42	82.0	48881	25.00	ppb	82
23)	Nitrobenzene	12.46	77.0	50299	25.00	ppb	94
24)	Isophorone	12.83	82.2	100539	25.00	ppb	98
25)	2-Nitrophenol	13.01	139.0	21185	25.00	ppb	96
26)	2,4-Dimethylphenol	13.00	107.0	36448	25.00	ppb	86
27)	bis(2-Chloroethoxy)methane	13.16	93.1	61855	25.00	ppb	93
28)	2,4-Dichlorophenol	13.40	162.0	32333	25.00	ppb	84
29)	Benzoic acid	13.14	122.0	21727	25.00	ppb	93
30)	1,2,4-Trichlorobenzene	13.57	179.9	36681	25.00	ppb	96
31)	Naphthalene	13.70	128.1	115756	25.00	ppb	98
32)	4-Chloroaniline	13.79	127.0	52131	25.00	ppb	92
33)	Hexachlorobutadiene	13.96	224.8	22276	25.00	ppb	96
34)	4-Chloro-3-methylphenol	14.59	107.0	36596	25.00	ppb	85
35)	2-Methylnaphthalene	14.92	142.1	70079	25.00	ppb	94
36)	*IS#3 Acenaphthene-d10	16.86	164.2	51488	20.00	ppb	94
37)	Hexachlorocyclopentadiene	15.30	236.8	18920	25.00	ppb	93
38)	2,4,6-Trichlorophenol	15.45	196.0	22493	25.00	ppb	81
39)	2,4,5-Trichlorophenol	15.53	196.0	25377	25.00	ppb	95
40)	2-Fluorobiphenyl	15.57	172.1	72365	25.00	ppb	93
41)	2-Chloronaphthalene	15.81	162.0	69305	25.00	ppb	95
42)	2-Nitroaniline	16.03	65.0	25687	25.00	ppb	66
43)	Dimethylphthalate	16.32	163.1	86349	25.00	ppb	89

OT 2.2.95

Data Subject To Validation

300601

	Compound	R.T.	Q	Ion	Area	Conc	Units	q
44)	2,6-Dinitrotoluene	16.49	165.0		19580	25.00	ppb	95
45)	Acenaphthylene	16.59	152.1		114316	25.00	ppb	98
46)	3-Nitroaniline	16.77	138.0		22495	25.00	ppb	88
47)	Acenaphthene	16.91	153.1		69289	25.00	ppb	96
48)	2,4-Dinitrophenol	16.95	184.0		8943M	25.00	ppb	
49)	Dibenzofuran	17.19	168.1		93452	25.00	ppb	98
50)	4-Nitrophenol	16.99	109.0		11042	25.00	ppb	89
51)	2,4-Dinitrotoluene	17.21	165.1		24764	25.00	ppb	84
52)	2,3,4,6-Tetrachlorophenol	17.47	232.0		23244	25.00	ppb	91
53)	Diethylphthalate	17.56	149.1		94261	25.00	ppb	91
54)	4-Chlorophenyl-phenylether	17.75	204.1		34489	25.00	ppb	78
55)	Fluorene	17.83	166.1		69174	25.00	ppb	98
56)	4-Nitroaniline	17.90	138.0		21335	25.00	ppb	97
57)	2,4,6-Tribromophenol	18.30	329.6		14100	25.00	ppb	84
58)	*IS#4 Phenanthrene-d10	19.54	188.2		76966	20.00	ppb	94
59)	1,2-Diphenylhydrazine	18.04	77.0		119744	25.00	ppb	85
60)	4,6-Dinitro-2-methylphenol	17.95	198.0		13289	25.00	ppb	93
61)	Diphenylamine	17.97	169.1		48666	25.00	ppb	95
62)	4-Bromophenyl-phenylether	18.64	248.0		22335	25.00	ppb	93
63)	Hexachlorobenzene	18.97	283.8		29982	25.00	ppb	94
64)	Pentachlorophenol	19.27	265.9		16842	25.00	ppb	97
65)	Carbazole	19.93	167.0		92901	25.00	ppb	95
66)	Phenanthrene	19.58	178.1		102364	25.00	ppb	96
67)	Anthracene	19.67	178.1		102427	25.00	ppb	98
68)	Fluoranthene	21.78	202.0		106405	25.00	ppb	97
69)	Di-n-butylphthalate	20.44	149.0		156775	25.00	ppb	97
70)	*IS#5 Chrysene-d12	24.43	240.2		71342	20.00	ppb	98
71)	Pyrene	22.21	202.0		112503	25.00	ppb	96
72)	Terphenyl-d14	22.36	244.2		67151	25.00	ppb	99
74)	Butylbenzylphthalate	23.17	149.1		66412	25.00	ppb	93
75)	3,3'-Dichlorobenzidine	24.26	252.2		33713	25.00	ppb	98
76)	Benzo(a)anthracene	24.39	228.0		97337	25.00	ppb	96
77)	bis(2-Ethylhexyl)phthalate	24.12	149.0		94883	25.00	ppb	88
78)	Chrysene	24.49	228.0		90538	25.00	ppb	97
79)	*IS#6 Perylene-d12	28.17	264.2		77372	20.00	ppb	87
80)	Di-n-octylphthalate	25.35	149.0		152532	25.00	ppb	96
81)	Benzo(b)fluoranthene	26.98	252.2		100196	25.00	ppb	95
82)	Benzo(k)fluoranthene	27.05	252.2		88090	25.00	ppb	98
83)	Benzo(a)pyrene	27.99	252.0		87017	25.00	ppb	95
84)	Indeno(1,2,3-cd)pyrene	32.29	276.2		98308	25.00	ppb	94
85)	Dibenz(a,h)anthracene	32.24	278.1		75017	25.00	ppb	89
86)	Benzo(g,h,i)perylene	33.57	276.0		82611	25.00	ppb	78

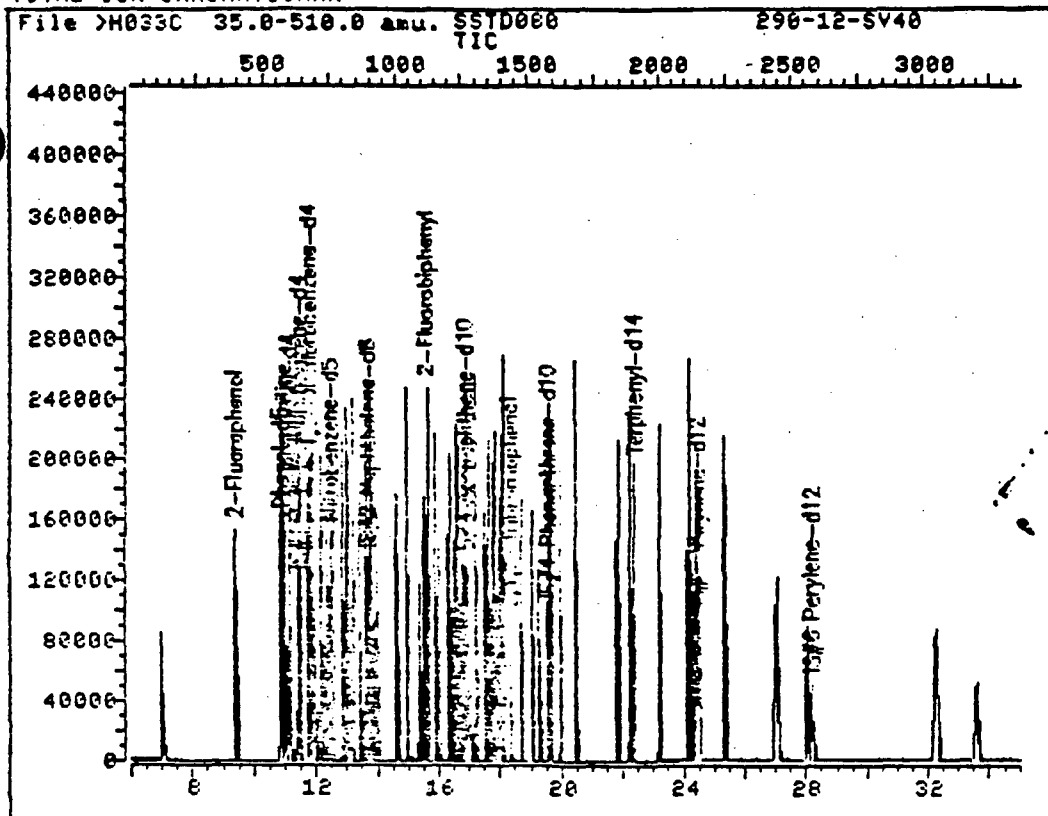
* Compound is ISTD

300602

072.2.95

Data Subject To Validation

TOTAL ION CHROMATOGRAM



REVIEWED
FEB 10 1992

Data File: >H033C::D1

Quant Output File: ^H033C::BQ

Name: SST0080

Misc: 290-12-SV40

INST H

BTL# 3

Id File: ID_SH::DB

Title: SEMIVOLATILES BY SW846-8270/EPA 625

Last Calibration: 950202 10:33

Operator ID: DAVID

Quant Time: 950202 11:17

Injected at: 950202 10:29

300603

07 2.2.95

Data Subject To Methodology

QUANT REPORT

Operator ID: DAVID
Output File: ^H033C::BQ
Data File: ^H033C::D1
Name: SST080
Misc: 290-12-SV40

Quant Rev: 6 Quant Time: 950202 11:17
Injected at: 950202 10:29
Dilution Factor: 1.00000

INST H

BTL# 3

ID File: ID_SH::DB
Title: SEMIVOLATILES BY SW846-8270/EPA 625
Last Calibration: 950202 10:33

	Compound	R.T.	Q ion	Area	Conc	Units	q
1)	*IS#1 1,4-Dichlorobenzene-d4	11.43	152.0	27297	20.00	ppb	97
2)	Pyridine	6.97	79.1	60466	50.24	ppb	89
3)	N-Nitrosodimethylamine	7.00	74.0	39434	46.75	ppb	93
4)	Phenol-d5	10.83	99.0	86623	42.21	ppb	90
5)	2-Chlorophenol-d4	11.10	132.0	67171	41.07	ppb	86
6)	2-Fluorophenol	9.36	112.0	63563	40.80	ppb	76
7)	Aniline	10.94	93.0	116375	38.65	ppb	96
8)	Phenol	10.85	94.0	91124	41.50	ppb	62
9)	2-Chlorophenol	11.14	128.0	67888	40.98	ppb	81
10)	bis(2-Chloroethyl)ether	10.99	93.0	77113	38.54	ppb	93
11)	1,3-Dichlorobenzene	11.37	146.0	75017	40.28	ppb	96
12)	1,4-Dichlorobenzene	11.46	146.0	75153	39.95	ppb	97
13)	1,2-Dichlorobenzene-d4	11.77	152.0	45007	42.78	ppb	96
14)	1,2-Dichlorobenzene	11.78	146.0	68796	39.67	ppb	97
15)	Benzyl alcohol	11.66	108.1	41292	40.70	ppb	89
16)	2,2'Oxybis-(1-chloropropane)	11.90	44.9	75978	39.48	ppb	94
17)	2-Methylphenol	11.84	108.0	58626	38.40	ppb	95
18)	N-Nitroso-di-n-propylamine	12.15	70.0	50355	39.47	ppb	78
19)	Hexachloroethane	12.32	117.0	32631	40.43	ppb	96
20)	4-Methylphenol	12.09	108.0	61283	38.25	ppb	96
21)	*IS#2 Naphthalene-d8	13.67	136.1	94086	20.00	ppb	98
22)	Nitrobenzene-d5	12.43	82.0	81098	44.96	ppb	80
23)	Nitrobenzene	12.46	77.0	78671	42.39	ppb	93
24)	Isophorone	12.83	82.2	154985	41.78	ppb	98
25)	2-Nitrophenol	13.02	139.0	34048	43.56	ppb	99
26)	2,4-Dimethylphenol	13.00	107.0	52263	38.86	ppb	90
27)	bis(2-Chloroethoxy)methane	13.17	93.1	97535	42.73	ppb	93
28)	2,4-Dichlorophenol	13.41	162.0	51647	43.29	ppb	83
29)	Benzoic acid	13.18	122.0	35216	43.93	ppb	93
30)	1,2,4-Trichlorobenzene	13.58	179.9	57897	42.78	ppb	97
31)	Naphthalene	13.70	128.1	174925	40.95	ppb	98
32)	4-Chloroaniline	13.80	127.0	81003	42.11	ppb	95
33)	Hexachlorobutadiene	13.97	224.8	33480	40.73	ppb	93
34)	4-Chloro-3-methylphenol	14.59	107.0	56374	41.75	ppb	87
35)	2-Methylnaphthalene	14.92	142.1	107330	41.51	ppb	92
36)	*IS#3 Acenaphthene-d10	16.86	164.2	45735	20.00	ppb	88
37)	Hexachlorocyclopentadiene	15.30	236.8	32010	47.62	ppb	94
38)	2,4,6-Trichlorophenol	15.45	196.0	35811	44.81	ppb	89
39)	2,4,5-Trichlorophenol	15.53	196.0	37984	42.13	ppb	90
40)	2-Fluorobiphenyl	15.57	172.1	119420	46.45	ppb	94
41)	2-Chloronaphthalene	15.81	162.0	100560	40.84	ppb	97
42)	2-Nitroaniline	16.03	65.0	41566	45.54	ppb	66
43)	Dimethylphthalate	16.32	163.1	129797	42.31	ppb	90

OT 2-2-95

300604

Data Subject To Validation

	Compound	R.T.	Q	ion	Area	Conc	Units	q
44)	2,6-Dinitrotoluene	16.49	165.0		29952	43.05	ppb	96
45)	Acenaphthylene	16.59	152.1		166139	40.90	ppb	96
46)	3-Nitroaniline	16.78	138.0		33587	42.02	ppb	95
47)	Acenaphthene	16.92	153.1		104731	42.54	ppb	95
48)	2,4-Dinitrophenol	16.95	184.1		15708M	49.44	ppb	
49)	Dibenzofuran	17.19	168.1		141567	42.64	ppb	95
50)	4-Nitrophenol	17.00	109.0		16747	42.69	ppb	67
51)	2,4-Dinitrotoluene	17.21	165.1		37375	42.48	ppb	82
52)	2,3,4,6-Tetrachlorophenol	17.47	232.0		36016	43.61	ppb	85
53)	Diethylphthalate	17.56	149.1		141158	42.15	ppb	92
54)	4-Chlorophenyl-phenylether	17.75	204.1		50916	41.55	ppb	78
55)	Fluorene	17.82	166.1		105966	43.11	ppb	99
56)	4-Nitroaniline	17.90	138.0		30530	40.27	ppb	96
57)	2,4,6-Tribromophenol	18.30	329.6		21978	43.87	ppb	93
58)	*IS#4 Phenanthrene-d10	19.54	188.2		67969	20.00	ppb	95
59)	1,2-Diphenylhydrazine	18.05	77.0		184457	43.61	ppb	87
60)	4,6-Dinitro-2-methylphenol	17.96	198.0		21266	45.30	ppb	92
61)	Diphenylamine	17.98	169.1		72380	42.10	ppb	94
62)	4-Bromophenyl-phenylether	18.64	248.0		34227	43.38	ppb	95
63)	Hexachlorobenzene	18.98	283.8		42132	39.78	ppb	96
64)	Pentachlorophenol	19.28	265.9		26759	44.98	ppb	97
65)	Carbazole	19.93	167.0		137420	41.88	ppb	97
66)	Phenanthrene	19.59	178.1		150246	41.55	ppb	96
67)	Anthracene	19.67	178.1		152866	42.25	ppb	98
68)	Fluoranthene	21.76	202.0		160358	42.66	ppb	97
69)	Di-n-butylphthalate	20.44	149.0		235779	42.58	ppb	98
70)	*IS#5 Chrysene-d12	24.42	240.2		64028	20.00	ppb	96
71)	Pyrene	22.20	202.0		169177	41.89	ppb	96
72)	Terphenyl-d14	22.34	244.2		106569	44.21	ppb	96
73)	Butylbenzylphthalate	23.16	149.1		99323	41.66	ppb	99
74)	3,3'-Dichlorobenzidine	24.25	252.2		51372	42.45	ppb	94
75)	Benzo(a)anthracene	24.38	228.0		143236	40.99	ppb	94
76)	bis(2-Ethylhexyl)phthalate	24.11	149.0		143242	42.05	ppb	88
77)	Chrysene	24.48	228.0		133771	41.16	ppb	96
78)	*IS#6 Perylene-d12	28.14	264.2		66330	20.00	ppb	95
79)	Di-n-octylphthalate	25.34	149.0		224915	43.00	ppb	97
80)	Benzo(b)fluoranthene	26.96	252.2		138074	40.19	ppb	96
81)	Benzo(k)fluoranthene	27.02	252.2		132832	43.97	ppb	97
82)	Benzo(a)pyrene	27.97	252.0		122112	40.92	ppb	93
83)	Indeno(1,2,3-cd)pyrene	32.26	276.2		141180	41.88	ppb	92
84)	Dibenz(a,h)anthracene	32.23	278.1		109650	42.62	ppb	84
85)	Benzo(g,h,i)perylene	33.53	276.0		117161	41.36	ppb	82

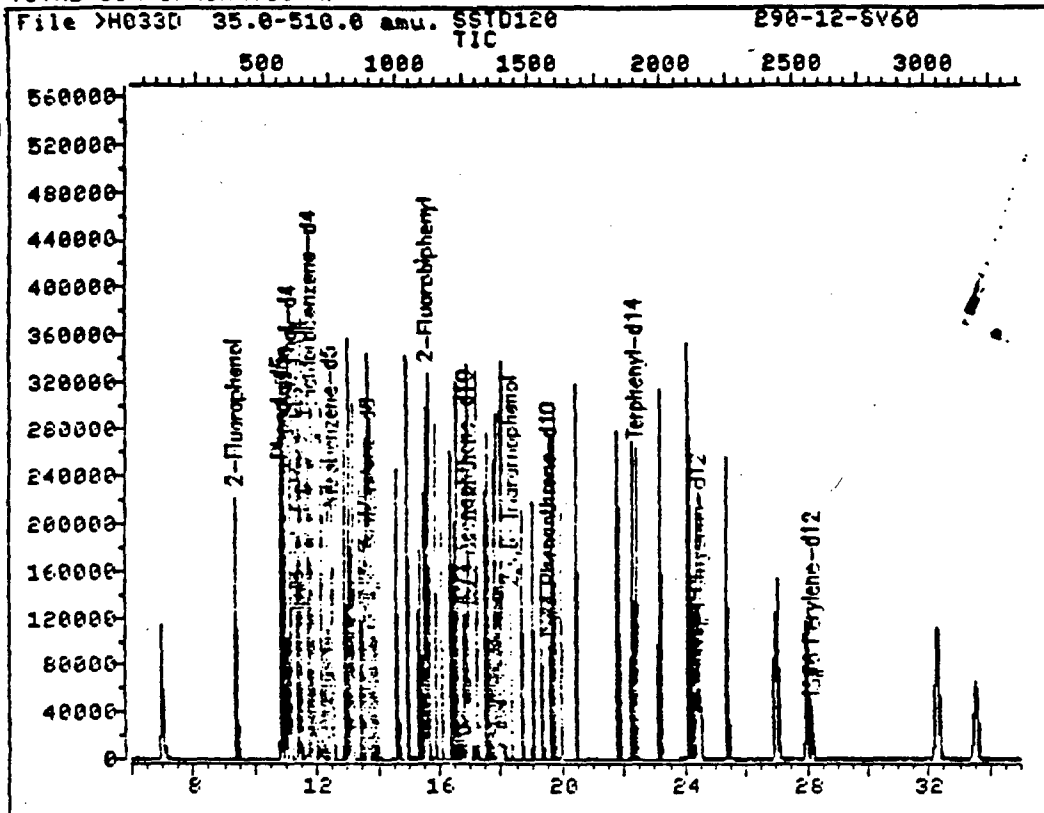
* Compound is ISTD

300605

DT 2.2.95

Data Subject To Validation

TOTAL ION CHROMATOGRAM



REVIEWED

FEB 10 1995

Data File: >H033D::D1

Quant Output File: ^H033D::BO

Name: SST0120

Misc: 290-12-SV60

INST H

BTL# 4

Id File: ID_SH::DB

Title: SEMIVOLATILES BY SW846-8270/EPA 625

Last Calibration: 950202 10:33

Operator ID: DAVID

Quant Time: 950202 11:52

Injected at: 950202 11:16

300606

DT2.2.95

Data Subject To Validation

QUANT REPORT

Operator ID: DAVID
Output File: ^H033D::BQ
Data File: >H033D::D1
Name: SSTD120
Misc: 290-12-SV60

Quant Rev: 6 Quant Time: 950202 11:52
Injected at: 950202 11:16
Dilution Factor: 1.00000

INST H

BTL# 4

ID File: ID_SH::DB
Title: SEMIVOLATILES BY SW846-8270/EPA 625
Last Calibration: 950202 10:33

	Compound	R.T.	Q ion	Area	Conc	Units	q
1)	*IS#1 1,4-Dichlorobenzene-d4	11.42	152.0	27076	20.00	ppb	98
2)	Pyridine	6.97	79.1	87758	73.52	ppb	93
3)	N-Nitrosodimethylamine	7.00	74.0	58125	69.47	ppb	97
4)	Phenol-d5	10.83	99.0	121455	59.66	ppb	87
5)	2-Chlorophenol-d4	11.10	132.0	97022	59.81	ppb	85
6)	2-Fluorophenol	9.35	112.0	92483	59.85	ppb	73
7)	Aniline	10.93	93.0	165440	55.39	ppb	99
8)	Phenol	10.85	94.0	130123	59.74	ppb	57
9)	2-Chlorophenol	11.13	128.0	96029	58.44	ppb	83
10)	bis(2-Chloroethyl)ether	10.99	93.0	110160	55.50	ppb	90
11)	1,3-Dichlorobenzene	11.36	146.0	102447	55.46	ppb	93
12)	1,4-Dichlorobenzene	11.45	146.0	106450	57.06	ppb	96
13)	1,2-Dichlorobenzene-d4	11.75	152.0	63741	61.08	ppb	94
14)	1,2-Dichlorobenzene	11.78	146.0	97207	56.51	ppb	95
15)	Benzyl alcohol	11.66	108.1	60908	60.52	ppb	90
16)	2,2'Oxybis-(1-chloropropane)	11.89	44.9	108823	57.02	ppb	97
17)	2-Methylphenol	11.84	108.0	83066	54.85	ppb	93
18)	N-Nitroso-di-n-propylamine	12.15	70.0	74189	58.63	ppb	76
19)	Hexachloroethane	12.31	117.0	47508	59.35	ppb	92
20)	4-Methylphenol	12.08	108.0	88986	56.00	ppb	97
21)	*IS#2 Naphthalene-d8	13.66	136.1	91384	20.00	ppb	99
22)	Nitrobenzene-d5	12.42	82.0	114295	65.24	ppb	84
23)	Nitrobenzene	12.46	77.0	114352	63.44	ppb	95
24)	Isophorone	12.83	82.2	228592	63.44	ppb	97
25)	2-Nitrophenol	13.01	139.0	47148	62.10	ppb	93
26)	2,4-Dimethylphenol	13.00	107.0	74261	56.85	ppb	85
27)	bis(2-Chloroethoxy)methane	13.16	93.1	136694	61.66	ppb	92
28)	2,4-Dichlorophenol	13.41	162.0	73517	63.44	ppb	84
29)	Benzoic acid	13.20	122.0	52960	68.01	ppb	97
30)	1,2,4-Trichlorobenzene	13.57	179.9	78707	59.87	ppb	98
31)	Naphthalene	13.70	128.1	243704	58.74	ppb	99
32)	4-Chloroaniline	13.79	127.0	113601	60.80	ppb	96
33)	Hexachlorobutadiene	13.96	224.8	46530	58.28	ppb	98
34)	4-Chloro-3-methylphenol	14.59	107.0	78587	59.92	ppb	90
35)	2-Methylnaphthalene	14.91	142.1	146081	58.16	ppb	95
36)	*IS#3 Acenaphthene-d10	16.85	164.2	42175	20.00	ppb	89
37)	Hexachlorocyclopentadiene	15.29	236.8	47345	76.37	ppb	93
38)	2,4,6-Trichlorophenol	15.45	196.0	50688	68.78	ppb	86
39)	2,4,5-Trichlorophenol	15.53	196.0	53663	64.54	ppb	96
40)	2-Fluorobiphenyl	15.57	172.1	162138	68.38	ppb	94
41)	2-Chloronaphthalene	15.81	162.0	140371	61.82	ppb	96
42)	2-Nitroaniline	16.03	65.0	56424	67.04	ppb	63
43)	Dimethylphthalate	16.32	163.1	176478	62.38	ppb	89

data subject to validation

072295
300607

	Compound	R.T.	Q Ion	Area	Conc	Units	q
44)	2,6-Dinitrotoluene	16.49	165.0	41458	64.62	ppb	97
45)	Acenaphthylene	16.69	152.1	233834	62.43	ppb	98
46)	3-Nitroaniline	16.78	138.0	46347	62.88	ppb	95
47)	Acenaphthene	16.91	153.1	143835	63.36	ppb	95
48)	2,4-Dinitrophenol	16.95	184.1	22941M	78.29	ppb	
49)	Dibenzofuran	17.19	168.1	191413	62.61	ppb	97
50)	4-Nitrophenol	17.00	109.0	22698	62.74	ppb	76
51)	2,4-Dinitrotoluene	17.21	165.1	50799	62.61	ppb	89
52)	2,3,4,6-Tetrachlorophenol	17.47	232.0	47181	61.95	ppb	90
53)	Diethylphthalate	17.56	149.1	182551	59.11	ppb	92
54)	4-Chlorophenyl-phenylether	17.74	204.1	70800	62.65	ppb	91
55)	Fluorene	17.82	166.1	139695	61.64	ppb	97
56)	4-Nitroaniline	17.91	138.0	40089	57.35	ppb	95
57)	2,4,6-Tribromophenol	18.29	329.6	29751	64.40	ppb	79
58)	*IS#4 Phenanthrene-d10	19.53	188.2	59552	20.00	ppb	91
59)	1,2-Diphenylhydrazine	18.04	77.0	225817	60.93	ppb	85
60)	4,6-Dinitro-2-methylphenol	17.96	198.0	30715	74.68	ppb	96
61)	Diphenylamine	17.97	169.1	96305	63.94	ppb	94
62)	4-Bromophenyl-phenylether	18.63	248.0	43448	62.85	ppb	96
63)	Hexachlorobenzene	18.97	283.8	57535	62.00	ppb	97
64)	Pentachlorophenol	19.27	265.9	35613	68.32	ppb	97
65)	Carbazole	19.92	167.0	178282	62.01	ppb	97
66)	Phenanthrene	19.58	178.1	198728	62.73	ppb	96
67)	Anthracene	19.66	178.1	201067	63.43	ppb	98
68)	Fluoranthene	21.76	202.0	211129	64.11	ppb	96
69)	Di-n-butylphthalate	20.44	149.0	296237	61.05	ppb	98
70)	*IS#5 Chrysene-d12	24.42	240.2	54479	20.00	ppb	97
71)	Pyrene	22.20	202.0	216388	62.97	ppb	97
72)	Terphenyl-d14	22.34	244.2	138619	67.58	ppb	98
73)	Butylbenzylphthalate	23.16	149.1	129079	63.63	ppb	91
74)	3,3'-Dichlorobenzidine	24.24	252.2	66496	64.57	ppb	98
75)	Benzo(a)anthracene	24.37	228.0	176982	59.53	ppb	96
76)	bis(2-Ethylhexyl)phthalate	24.10	149.0	180280	62.20	ppb	88
77)	Chrysene	24.48	228.0	162700	58.83	ppb	98
78)	*IS#6 Perylene-d12	28.13	264.2	57891	20.00	ppb	89
79)	Di-n-octylphthalate	25.33	149.0	280346	61.41	ppb	98
80)	Benzo(b)fluoranthene	26.96	252.2	191956	64.01	ppb	96
81)	Benzo(k)fluoranthene	27.03	252.2	155023	58.80	ppb	96
82)	Benzo(a)pyrene	27.96	252.0	160536	61.64	ppb	93
83)	Indeno(1,2,3-cd)pyrene	32.26	276.2	187123	63.60	ppb	92
84)	Dibenz(a,h)anthracene	32.22	278.1	149471	66.57	ppb	88
85)	Benzo(g,h,i)perylene	33.53	276.0	157789	63.82	ppb	82

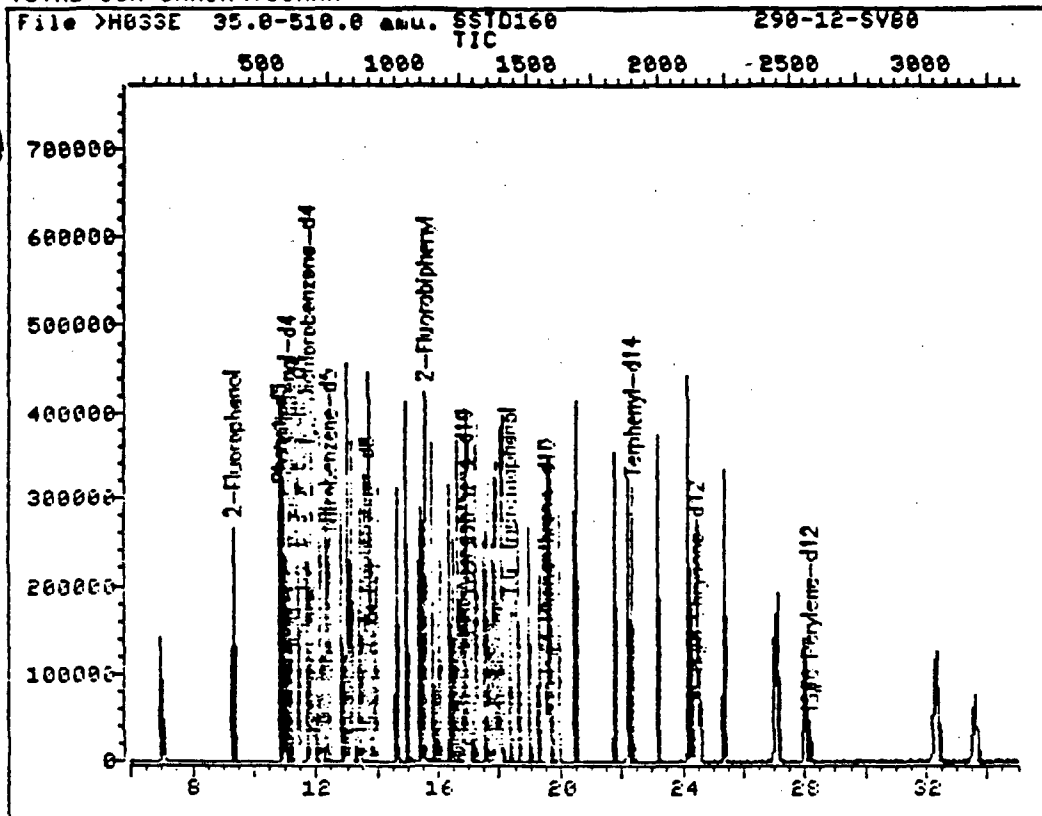
* Compound is ISTD

OTd.2.95

Data Subject To Validation

300608

TOTAL ION CHROMATOGRAM



REVIEWED
FEB 10 1995

Data File: >H033E::D1

Quant Output File: ^H033E::BQ

Name: SST0160

Misc: 290-12-SV80

INST H

BTL# 5

Id File: ID_SH::DB

Title: SEMIVOLATILES BY SW846-8270/EPA 625

Last Calibration: 950202 10:33

Operator ID: DAVID

Quant Time: 950202 12:42

Injected at: 950202 12:06

072-2-95

300609

Data Subject To Validation

QUANT REPORT

Operator ID: DAVID
Output File: ^H033E::BQ
Data File: >H033E::D1
Name: SSTD160
Misc: 290-12-SV80

Quant Rev: 6 Quant Time: 950202 12:42
Injected at: 950202 12:06
Dilution Factor: 1.00000

INST H

BTL# 5

ID File: ID_SH::DB
Title: SEMIVOLATILES BY SW846-8270/EPA 625
Last Calibration: 950202 10:33

	Compound	R.T.	Q	Ion	Area	Conc	Units	q
1)	*IS#1 1,4-Dichlorobenzene-d4	11.42	152.0		28143	20.00	ppb	96
2)	Pyridine	6.95	79.1		125166	100.88	ppb	93
3)	N-Nitrosodimethylamine	6.99	74.0		70575	81.15	ppb	97
4)	Phenol-d5	10.83	99.0		157283	74.33	ppb	86
5)	2-Chlorophenol-d4	11.10	132.0		128429	76.17	ppb	91
6)	2-Fluorophenol	9.34	112.0		119155	74.19	ppb	77
7)	Aniline	10.93	93.0		215091	69.28	ppb	97
8)	Phenol	10.85	94.0		166309	73.46	ppb	58
9)	2-Chlorophenol	11.12	128.0		128051	74.97	ppb	89
10)	bis(2-Chloroethyl)ether	10.99	93.0		140032	67.88	ppb	95
11)	1,3-Dichlorobenzene	11.36	146.0		134214	69.91	ppb	96
12)	1,4-Dichlorobenzene	11.44	146.0		137878	71.10	ppb	93
13)	1,2-Dichlorobenzene-d4	11.75	152.0		85232	78.58	ppb	97
14)	1,2-Dichlorobenzene	11.78	146.0		124256	69.50	ppb	95
15)	Benzyl alcohol	11.67	108.1		76894	73.51	ppb	92
16)	2,2'Oxybis-(1-chloropropane)	11.89	44.9		141748	71.45	ppb	97
17)	2-Methylphenol	11.84	108.0		103955	66.04	ppb	93
18)	N-Nitroso-di-n-propylamine	12.15	70.0		90584	68.88	ppb	79
19)	Hexachloroethane	12.30	117.0		60391	72.58	ppb	92
20)	4-Methylphenol	12.08	108.0		114007	69.03	ppb	97
21)	*IS#2 Naphthalene-d8	13.66	136.1		91933	20.00	ppb	98
22)	Nitrobenzene-d5	12.43	82.0		153461	87.08	ppb	84
23)	Nitrobenzene	12.46	77.0		143973	79.39	ppb	91
24)	Isophorone	12.84	82.2		281703	77.71	ppb	99
25)	2-Nitrophenol	13.01	139.0		64301	84.19	ppb	94
26)	2,4-Dimethylphenol	13.00	107.0		98483	74.94	ppb	89
27)	bis(2-Chloroethoxy)methane	13.17	93.1		171264	76.80	ppb	92
28)	2,4-Dichlorophenol	13.41	162.0		95373	81.81	ppb	85
29)	Benzoic acid	13.22	122.0		71355	91.09	ppb	95
30)	1,2,4-Trichlorobenzene	13.57	179.9		101209	76.53	ppb	96
31)	Naphthalene	13.70	128.1		312518	74.88	ppb	99
32)	4-Chloroaniline	13.80	127.0		141987	75.54	ppb	93
33)	Hexachlorobutadiene	13.96	224.8		58767	73.17	ppb	98
34)	4-Chloro-3-methylphenol	14.59	107.0		102377	77.59	ppb	88
35)	2-Methylnaphthalene	14.92	142.1		186664	73.88	ppb	95
36)	*IS#3 Acenaphthene-d10	16.85	164.2		45596	20.00	ppb	97
37)	Hexachlorocyclopentadiene	15.29	236.8		64535	96.29	ppb	94
38)	2,4,6-Trichlorophenol	15.45	196.0		65813	82.60	ppb	92
39)	2,4,5-Trichlorophenol	15.53	196.0		72543	80.70	ppb	95
40)	2-Fluorobiphenyl	15.57	172.1		212188	82.78	ppb	97
41)	2-Chloronaphthalene	15.81	162.0		183554	74.77	ppb	94
42)	2-Nitroaniline	16.03	65.0		70617	77.61	ppb	72
43)	Dimethylphthalate	16.32	163.1		230067	75.22	ppb	95

OT 2-2-95

Data Subject To Validation

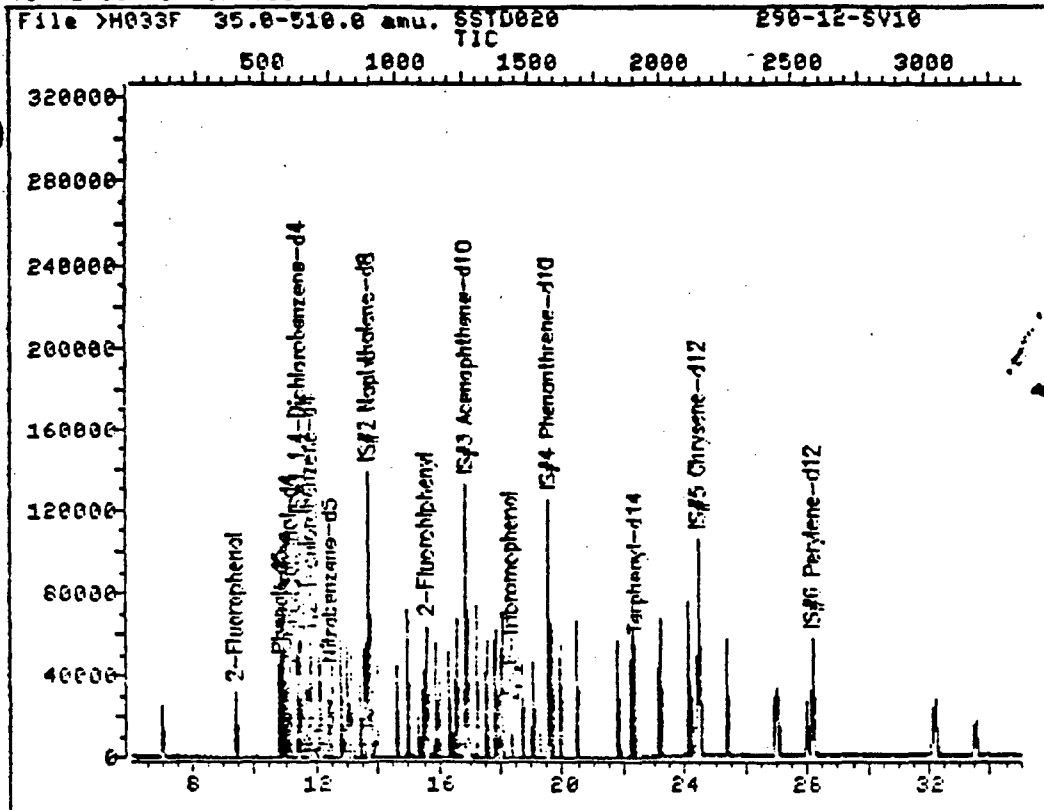
300610

	Compound	R.T.	Q	Ion	Area	Conc	Units	q
44)	2,6-Dinitrotoluene	16.50	165.0		52805	76.13	ppb	93
45)	Acenaphthylene	16.59	152.1		291343	71.95	ppb	98
46)	3-Nitroaniline	16.78	138.0		64199	80.57	ppb	84
47)	Acenaphthene	16.92	153.1		180251	73.44	ppb	96
48)	2,4-Dinitrophenol	16.95	184.1		31851M	100.54	ppb	
49)	Dibenzofuran	17.19	168.1		240450	72.64	ppb	94
50)	4-Nitrophenol	17.01	109.0		30134	77.04	ppb	77
51)	2,4-Dinitrotoluene	17.22	165.1		65093	74.20	ppb	89
52)	2,3,4,6-Tetrachlorophenol	17.47	232.0		59575	72.36	ppb	84
53)	Diethylphthalate	17.57	149.1		229746	68.81	ppb	91
54)	4-Chlorophenyl-phenylether	17.75	204.1		86981	71.20	ppb	87
55)	Fluorene	17.83	166.1		176160	71.89	ppb	98
56)	4-Nitroaniline	17.92	138.0		52195	69.06	ppb	98
57)	2,4,6-Tribromophenol	18.30	329.6		37250	74.58	ppb	91
58)	*IS#4 Phenanthrene-d10	19.54	188.2		58598	20.00	ppb	94
59)	1,2-Diphenylhydrazine	18.05	77.0		282808	77.55	ppb	88
60)	4,6-Dinitro-2-methylphenol	17.97	198.0		37203	91.93	ppb	93
61)	Diphenylamine	17.99	169.1		119233	80.45	ppb	96
62)	4-Bromophenyl-phenylether	18.64	248.0		54436	80.03	ppb	93
63)	Hexachlorobenzene	18.98	283.8		72109	78.97	ppb	96
64)	Pentachlorophenol	19.28	265.9		47106	91.84	ppb	99
65)	Carbazole	19.93	167.0		220687	78.00	ppb	97
66)	Phenanthrene	19.59	178.1		247359	79.35	ppb	98
67)	Anthracene	19.67	178.1		249656	80.04	ppb	99
68)	Fluoranthene	21.77	202.0		267712	82.62	ppb	95
69)	Di-n-butylphthalate	20.44	149.0		384807	80.60	ppb	98
70)	*IS#5 Chrysene-d12	24.43	240.2		56414	20.00	ppb	96
71)	Pyrene	22.20	202.0		275460	77.41	ppb	94
72)	Terphenyl-d14	22.35	244.2		175632	82.69	ppb	97
73)	Butylbenzylphthalate	23.17	149.1		165343	78.71	ppb	98
74)	3,3'-Dichlorobenzidine	24.26	252.2		83947	78.72	ppb	98
75)	Benzo(a)anthracene	24.39	228.0		232012	75.36	ppb	94
76)	bis(2-Ethylhexyl)phthalate	24.12	149.0		237738	79.22	ppb	89
77)	Chrysene	24.49	228.0		209625	73.20	ppb	95
78)	*IS#6 Perylene-d12	28.15	264.2		57796	20.00	ppb	96
79)	Di-n-octylphthalate	25.35	149.0		370470	81.29	ppb	97
80)	Benzo(b)fluoranthene	26.99	252.2		242948	81.15	ppb	99
81)	Benzo(k)fluoranthene	27.06	252.2		207562	78.86	ppb	98
82)	Benzo(a)pyrene	28.01	252.0		210557	80.98	ppb	95
83)	Indeno(1,2,3-cd)pyrene	32.34	276.2		239136	81.41	ppb	94
84)	Dibenz(a,h)anthracene	32.29	278.1		191497	85.43	ppb	86
85)	Benzo(g,h,i)perylene	33.62	276.0		200209M	81.11	ppb	

* Compound is ISTD

300611

TOTAL ION CHROMATOGRAM



REVIEWED
FEB 10 1995

Data File: >H033F::D1

Quant Output File: ^H033F::BQ

Name: SST0020

Misc: 290-12-SV10

INST H

BTL# 6

Id File: ID_SH::DB

Title: SEMIVOLATILES BY SW846-8270/EPA 625

Last Calibration: 950202 10:33

Operator ID: DAVID

Quant Time: 950202 13:28

Injected at: 950202 12:52

Dr 2-2-95

Data Subject To Validation

300612

QUANT REPORT

Operator ID: DAVID
Output File: ^H033F::BQ
Data File: >H033F::D1
Time: SSTD020
Misc: 290-12-SV10

Quant Rev: 6 Quant Time: 950202 13:28
Injected at: 950202 12:52
Dilution Factor: 1.00000

INST H

BTL# 6

ID File: ID_SH::DB
Title: SEMIVOLATILES BY SW846-8270/EPA 625
Last Calibration: 950202 10:33

	Compound	R.T.	Q ion	Area	Conc	Units	q
1)	*IS#1 1,4-Dichlorobenzene-d4	11.42	152.0	26756	20.00	ppb	96
2)	Pyridine	6.98	79.1	11911	10.10	ppb	97
3)	N-Nitrosodimethylamine	6.99	74.0	8459	10.23	ppb	97
4)	Phenol-d5	10.82	99.0	19577	9.73	ppb	81
5)	2-Chlorophenol-d4	11.10	132.0	16505	10.30	ppb	81
6)	2-Fluorophenol	9.36	112.0	15280	10.01	ppb	78
7)	Aniline	10.93	93.0	39277	13.31	ppb	99
8)	Phenol	10.84	94.0	23376	10.86	ppb	63
9)	2-Chlorophenol	11.13	128.0	17217	10.60	ppb	85
10)	bis(2-Chloroethyl)ether	10.98	93.0	19879	10.14	ppb	96
11)	1,3-Dichlorobenzene	11.37	146.0	18255	10.00	ppb	95
12)	1,4-Dichlorobenzene	11.46	146.0	18968	10.29	ppb	97
13)	1,2-Dichlorobenzene-d4	11.76	152.0	12155	11.79	ppb	94
14)	1,2-Dichlorobenzene	11.78	146.0	18191	10.70	ppb	93
15)	Benzyl alcohol	11.65	108.1	10117	10.17	ppb	95
16)	2,2'Oxybis-(1-chloropropane)	11.89	44.9	19454	10.31	ppb	98
17)	2-Methylphenol	11.83	108.0	15261	10.20	ppb	92
18)	N-Nitroso-di-n-propylamine	12.14	70.0	13183	10.54	ppb	74
19)	Hexachloroethane	12.32	117.0	8417	10.64	ppb	86
20)	4-Methylphenol	12.07	108.0	15248	9.71	ppb	97
21)	*IS#2 Naphthalene-d8	13.67	136.1	99742	20.00	ppb	99
22)	Nitrobenzene-d5	12.42	82.0	20273	10.60	ppb	80
23)	Nitrobenzene	12.45	77.0	20956	10.65	ppb	96
24)	Isophorone	12.82	82.2	39370	10.01	ppb	95
25)	2-Nitrophenol	13.00	139.0	8639	10.42	ppb	81
26)	2,4-Dimethylphenol	13.00	107.0	13288	9.32	ppb	86
27)	bis(2-Chloroethoxy)methane	13.16	93.1	25963	10.73	ppb	95
28)	2,4-Dichlorophenol	13.40	162.0	13405	10.60	ppb	86
29)	Benzoic acid	13.10	122.0	6842	8.05	ppb	90
30)	1,2,4-Trichlorobenzene	13.57	179.9	15779	11.00	ppb	98
31)	Naphthalene	13.70	128.1	46914	10.36	ppb	99
32)	4-Chloroaniline	13.79	127.0	21344	10.47	ppb	95
33)	Hexachlorobutadiene	13.97	224.8	8257	9.48	ppb	93
34)	4-Chloro-3-methylphenol	14.59	107.0	14176	9.90	ppb	84
35)	2-Methylnaphthalene	14.91	142.1	30129	10.99	ppb	92
36)	*IS#3 Acenaphthene-d10	16.85	164.2	46436	20.00	ppb	92
37)	Hexachlorocyclopentadiene	15.29	236.8	6073	8.90	ppb	94
38)	2,4,6-Trichlorophenol	15.45	196.0	9543	11.76	ppb	85
39)	2,4,5-Trichlorophenol	15.52	196.0	10511	11.48	ppb	88
40)	2-Fluorobiphenyl	15.56	172.1	32959	12.63	ppb	97
41)	2-Chloronaphthalene	15.80	162.0	26824	10.73	ppb	93
42)	2-Nitroaniline	16.02	65.0	10644	11.49	ppb	57
43)	Dimethylphthalate	16.31	163.1	35354	11.35	ppb	91

Data Subject To Validation

05-2-2-95
300613

	Compound	R.T.	Q Ion	Area	Conc	Units	q
44)	2,6-Dinitrotoluene	16.49	165.0	7753	10.98	ppb	84
45)	Acenaphthylene	16.58	152.1	46104	11.18	ppb	93
46)	3-Nitroaniline	16.76	138.0	8674	10.69	ppb	87
47)	Acenaphthene	16.91	153.1	30171	12.07	ppb	96
48)	2,4-Dinitrophenol	16.94	184.1	2665M	8.26	ppb	
49)	Dibenzofuran	17.19	168.1	37503	11.12	ppb	95
50)	4-Nitrophenol	16.99	109.0	3569	8.96	ppb	76
51)	2,4-Dinitrotoluene	17.20	165.1	9723M	10.88	ppb	
52)	2,3,4,6-Tetrachlorophenol	17.46	232.0	9236	11.01	ppb	85
53)	Diethylphthalate	17.56	149.1	37465	11.02	ppb	89
54)	4-Chlorophenyl-phenylether	17.75	204.1	13929	11.20	ppb	66
55)	Fluorene	17.82	166.1	29175	11.69	ppb	91
56)	4-Nitroaniline	17.88	138.0	8156	10.60	ppb	93
57)	2,4,6-Tribromophenol	18.29	329.6	5442	10.70	ppb	82
58)	*IS#4 Phenanthrene-d10	19.54	188.2	71463	20.00	ppb	90
59)	1,2-Diphenylhydrazine	18.04	77.0	52630	11.83	ppb	83
60)	4,6-Dinitro-2-methylphenol	17.94	198.0	4599	9.32	ppb	92
61)	Diphenylamine	17.96	169.1	19867	10.99	ppb	96
62)	4-Bromophenyl-phenylether	18.63	248.0	8538	10.29	ppb	95
63)	Hexachlorobenzene	18.97	283.8	11435	10.27	ppb	90
64)	Pentachlorophenol	19.27	265.9	5274	8.43	ppb	94
65)	Carbazole	19.92	167.0	39613	11.48	ppb	96
66)	Phenanthrene	19.58	178.1	41782	10.99	ppb	97
67)	Anthracene	19.66	178.1	41897	11.01	ppb	98
68)	Fluoranthene	21.76	202.0	44950	11.37	ppb	97
69)	Di-n-butylphthalate	20.43	149.0	60841	10.45	ppb	98
70)	*IS#5 Chrysene-d12	24.41	240.2	68565	20.00	ppb	99
71)	Pyrene	22.19	202.0	44239	10.23	ppb	96
72)	Terphenyl-d14	22.34	244.2	30267	11.72	ppb	98
74)	Butylbenzylphthalate	23.16	149.1	27023	10.58	ppb	93
75)	3,3'-Dichlorobenzidine	24.24	252.2	13950	10.76	ppb	94
76)	Benzo(a)anthracene	24.37	228.0	38054	10.17	ppb	92
77)	bis(2-Ethylhexyl)phthalate	24.10	149.0	37346	10.24	ppb	88
78)	Chrysene	24.47	228.0	36787	10.57	ppb	98
79)	*IS#6 Perylene-d12	28.13	264.2	74857	20.00	ppb	94
80)	Di-n-octylphthalate	25.33	149.0	60441	10.24	ppb	97
81)	Benzo(b)fluoranthene	26.94	252.2	38873	10.03	ppb	97
82)	Benzo(k)fluoranthene	27.00	252.2	34810	10.21	ppb	95
83)	Benzo(a)pyrene	27.95	252.0	33362	9.91	ppb	94
84)	Indeno(1,2,3-cd)pyrene	32.21	276.2	38975	10.24	ppb	92
85)	Dibenz(a,h)anthracene	32.16	278.1	29280	10.09	ppb	94
86)	Benzo(g,h,i)perylene	33.48	276.0	33329	10.42	ppb	78

* Compound is ISTD

072.2.95

300614

Data Subject To Validation

Initial Calibration Data
MSL Compounds

Case No: Instrument ID: 5988-N
 Contractor: PACE Calibration Date: 02/02/95
 Contract No:

Minimum RF for SPCC is 0.05 Maximum % RSD for CCC is 30%

Compound	Laboratory ID: >N033F >N033B >N033C >N033D >N033E					RF	% RSD	CCC	SPCC
	RF	RF	RF	RF	RF				
	10.00	25.00	40.00	60.00	80.00				
Pyridine	.89034	.88174	1.10756	1.08039	1.11188	1.01438	11.615		
N-Nitrosodimethylamine	.63231	.61805	.72231	.71558	.62693	.66304	7.744		
Phenol-d5	1.46337	1.50369	1.58668	1.49524	1.39718	1.48923	4.614		
2-Chlorophenol-d4	1.23374	1.19824	1.23037	1.19444	1.14086	1.19953	3.117		
2-Fluorophenol	1.14217	1.14132	1.16429	1.13856	1.05848	1.12896	3.608		
Aniline	2.93594	2.20628	2.13164	2.03674	1.91070	2.24426	17.919		
Phenol	1.74735	1.60881	1.66912	1.60195	1.47736	1.62092	6.125	*	✓
2-Chlorophenol	1.28696	1.21385	1.24351	1.18222	1.13750	1.21281	4.709		
bis(2-Chloroethyl)ether	1.48595	1.46605	1.41248	1.35618	1.24393	1.39292	6.991		
1,3-Dichlorobenzene	1.36455	1.36438	1.37409	1.26123	1.19225	1.31130	6.181		
1,4-Dichlorobenzene	1.41785	1.37815	1.37658	1.31051	1.22480	1.34158	5.650	*	✓
1,2-Dichlorobenzene-d4	.90858	.77080	.82439	.78472	.75713	.80913	7.541		
1,2-Dichlorobenzene	1.35977	1.27057	1.26014	1.19672	1.10379	1.23820	7.672		
Benzyl alcohol	.75624	.74342	.75635	.74984	.68307	.73778	4.209		
2,2'Oxybis-(1-chloropropane)	1.45418	1.40985	1.39169	1.33972	1.25918	1.37092	5.451		
2-Methylphenol	1.14075	1.11860	1.07385	1.02263	.92345	1.05586	8.216		
N-Nitroso-di-n-propylamine	.98542	.93464	.92235	.91334	.80468	.91209	7.258		**
Hexachloroethane	.62917	.59128	.59770	.58487	.53647	.58790	5.683		
4-Methylphenol	1.13978	1.17377	1.12252	1.09551	1.01275	1.10887	5.480		
Nitrobenzene-d5	.40651	.38340	.43098	.41690	.41732	.41102	4.311		
Nitrobenzene	.42020	.39452	.41808	.41711	.39152	.40829	3.435		
Isophorone	.78944	.78858	.82363	.83381	.76606	.80030	3.476		
2-Nitrophenol	.17323	.16616	.18094	.17198	.17486	.17343	3.070	*	✓
2,4-Dimethylphenol	.26645	.28588	.27774	.27088	.26781	.27375	2.945		
bis(2-Chloroethoxy)methane	.52060	.48516	.51833	.49861	.46573	.49769	4.637		
2,4-Dichlorophenol	.26879	.25360	.27447	.26816	.25935	.26488	3.134	*	✓
Benzoic acid	.13719	.17042	.18715	.19318	.19404	.17640	13.538		
1,2,4-Trichlorobenzene	.31640	.28771	.30768	.28709	.27522	.29482	5.689		
Naphthalene	.94071	.90793	.92960	.88894	.84985	.90341	3.982		
4-Chloroaniline	.42798	.40889	.43047	.41437	.38612	.41357	4.308		
Hexachlorobutadiene	.16557	.17472	.17792	.16972	.15981	.16955	4.249	*	✓
4-Chloro-3-methylphenol	.28425	.28704	.29959	.28665	.27840	.28719	2.696	*	✓

RF - Response Factor (Subscript is amount in PPB)

RF - Average Response Factor

%RSD - Percent Relative Standard Deviation

CCC - Calibration Check Compounds (*) SPCC - System Performance Check Compounds (**)

Initial Calibration Data
RSL Compounds

Case No: Instrument ID: 9988-N
 Contractor: PACE Calibration Date: 02/02/95
 Contract No:

Minimum RF for SPCC is 0.05 Maximum % RSD for CCC is 30%

Compound	Laboratory ID: >N033F >N033B >N033C >N033D >N033E					RF	% RSD	CCC	SPCC
	RF	RF	RF	RF	RF				
2-Methylnaphthalene	.60414	.54967	.57038	.53285	.50761	.55293	6.642		
Hexachlorocyclopentadiene	.26156	.29397	.34995	.37419	.35384	.32670	14.395		**
2,4,6-Trichlorophenol	.41102	.34949	.39151	.40062	.36085	.38270	6.890	*	✓
2,4,5-Trichlorophenol	.45271	.39430	.41526	.42413	.39775	.41683	5.645		
2-Fluorobiphenyl	1.41955	1.12438	1.30556	1.28147	1.16341	1.25887	9.374		
2-Chloronaphthalene	1.15531	1.07683	1.09938	1.10943	1.00642	1.08947	5.004		
2-Nitroaniline	.45844	.39911	.45442	.44595	.38719	.42902	7.767		
Dimethylphthalate	1.52270	1.34166	1.41901	1.39481	1.26144	1.38792	6.959		
2,6-Dinitrotoluene	.33392	.30423	.32745	.32767	.28953	.31656	5.965		
Acenaphthylene	1.98570	1.77620	1.81632	1.84812	1.59742	1.80475	7.765		
3-Nitroaniline	.37359	.34952	.36719	.36631	.35200	.36172	2.884		
Acenaphthene	1.29947	1.07658	1.14498	1.13681	.98830	1.12923	10.089	*	✓
2,4-Dinitrophenol	.11478	.13895	.17173	.18132	.17464	.15628	18.168		**
Dibenzofuran	1.61526	1.45202	1.54769	1.51285	1.31837	1.48924	7.540		
4-Nitrophenol	.15372	.17157	.18309	.17940	.16522	.17060	6.862		**
2,4-Dinitrotoluene	.41877	.38477	.40860	.40149	.35690	.39411	6.143		
2,4,6-Tetrachlorophenol	.39779	.36116	.39375	.37290	.32665	.37045	7.755		
Diethylphthalate	1.61362	1.46459	1.54322	1.44281	1.25968	1.46478	9.086		
4-Chlorophenyl-phenylether	.59992	.53588	.55664	.55957	.47691	.54579	8.235		
Fluorene	1.25657	1.07480	1.15848	1.10409	.96587	1.11196	9.629		
4-Nitroaniline	.35128	.33149	.33377	.31685	.28618	.32391	7.526		
2,4,6-Tribromophenol	.23439	.21908	.24028	.23514	.20424	.22662	6.534		
1,2-Diphenylhydrazine	1.47293	1.24464	1.35692	1.26398	1.20656	1.30901	8.177		
4,6-Dinitro-2-methylphenol	.12871	.13813	.15644	.17192	.15872	.15078	11.435		
Diphenylamine	.55601	.50584	.53245	.53905	.50869	.52841	4.003	*	✓
4-Bromophenyl-phenylether	.23895	.23215	.25178	.24319	.23224	.23966	3.436		
Hexachlorobenzene	.32003	.31164	.30994	.32204	.30764	.31426	2.032		
Pentachlorophenol	.14760	.17506	.19685	.19934	.20097	.18396	12.435	*	✓
Carbazole	1.10863	.96563	1.01090	.99791	.94153	1.00492	6.372		
Phenanthrene	1.16933	1.06399	1.10525	1.11235	1.05532	1.10125	4.129		
Anthracene	1.17255	1.06465	1.12453	1.12544	1.06512	1.11046	4.135		✓
Fluoranthene	1.25799	1.10599	1.17964	1.18176	1.14215	1.17351	4.818	*	

RF - Response factor (Subscript is amount in PPB)

RF - Average Response Factor

%RSD - Percent Relative Standard Deviation

CCC - Calibration Check Compounds (*) SPCC - System Performance Check Compounds (**)

300616

Initial Calibration Data
BSL Compounds

Case No: Instrument ID: 5988-N
 Contractor: PACE Calibration Date: 02/02/95
 Contract No:

Minimum RF for SPCC is 0.05 Maximum % RSD for CCC is 30%

Compound	Laboratory ID: >N033F >N0338 >N033C >N033D >N033E					RF	% RSD	CCC	SPCC
	RF	RF	RF	RF	RF				
	10.00	25.00	40.00	60.00	80.00				
Di-n-butylphthalate	1.70273	1.62955	1.73446	1.65814	1.64172	1.67332	2.630		
Pyrene	1.29043	1.26156	1.32112	1.32398	1.22071	1.28356	3.379		
Terphenyl-d14	.88287	.75300	.83221	.84815	.77832	.81891	4.437		
Butylbenzylphthalate	.78824	.74472	.77562	.78978	.73272	.76622	3.399		
3,3'-Dichlorobenzidine	.40691	.37804	.40117	.40686	.37201	.39300	4.251		
Benzo(a)anthracene	1.11001	1.09150	1.11854	1.08288	1.02817	1.08622	3.261		
bis(2-Ethylhexyl)phthalate	1.08936	1.06398	1.11859	1.10306	1.05354	1.08571	2.481		
Chrysene	1.07305	1.01526	1.04463	.99549	.92896	1.01148	5.408		
Di-n-octylphthalate	1.61484	1.57713	1.69542	1.61422	1.60249	1.62082	2.740	•	✓
Benzo(b)fluoranthene	1.03859	1.03599	1.04081	1.10527	1.05089	1.05431	2.755		
Benzo(k)fluoranthene	.93004	.91082	1.00130	.89261	.89782	.92652	4.773		
Benzo(a)pyrene	.89135	.89973	.92049	.92436	.91078	.90934	1.524	•	✓
Indeno(1,2,3-cd)pyrene	1.04132	1.01647	1.06422	1.07744	1.03440	1.04677	2.314		
Dibenz(a,h)anthracene	.78229	.77565	.82655	.86065	.82833	.81469	4.345		
Benzo(g,h,i)perylene	.89047	.85417	.88317	.90854	.86602	.88047	2.407		

RF - Response Factor (Subscript is amount in PPB)

RF - Average Response Factor

%RSD - Percent Relative Standard Deviation

CC - Calibration Check Compounds (*) SPCC - System Performance Check Compounds (**)

53

Analyst: D. Thompson Date: 2-2-95 Instrument: 4
Project I.D. (client/sample): ERM

Standard Data Acquisition Parameters for Semi-Volatiles:

GC Conditions		MS Conditions	
Flow rate	<u>1.5 ml/min</u>	Scan range	<u>15-300 amu</u>
Head pressure	<u>50 psi</u>	Scan rate	<u>1.5 scans/sec</u>
Column	<u>Packed Silica Capillary</u>	MS voltage	<u>10 eV</u>
	<u>10m x 0.25mm i.d. 1.0um film</u>		
Injector temp.	<u>250</u>		
Injector mode	<u>Mod Splitless</u>		
GC descriptors	<u>Sample-SV, DFTPP-DM</u>		
GC program	<u>45 (4min) to 300 @ 12/min</u>		
	<u>(optimized)</u>		

Non-standard Conditions: -
Maintenance/Problems: -
Formater Files: -
Original Data Filed With: -

Standard Identifications & Spike Amounts:
Targets: 240-2-SV-00 IS: 250-07-SVSI-00 DFTPP: 240-04-PCAF

Definition of Status/Comments Column on Run Log (page 2):

.....analysis passed all criteria
.....not applicable
CO.....carry-over or contamination suspected
DL/level....dilution required/suggested level
NE.....sample matrix effect (also indicates GC excursions, for example, ISS", SS2", etc.)
RE.....re-extraction required
RR.....rerun required
TH/level....too dilute/suggested level

GC/MS INSTRUMENT OPERATIONS LOGSHEET --- SEMI-VOLATILES

Analyst: (07) Run of the day: - Are runs within time limits? YES NO
Date: 2-2-95 Perf. Std. + 12 hrs.: 0304 (If no, circle outliers)

TIME	OP	FILE ID	CLIENT ID (all)	INT INJ	GC BATCH	QV	MULT FACT	I.S. AR	RT	SUR REC	STATUS/ COMMENTS	TYPE
9:19	AM	HC33A::D1	60m DFTPP	2	-	1	1	-	-	-	SH, TH, SK2, BS2, i	
9:43		HC33B::D1	3STD050		-	1	1	-	-	-	SVI	
10:29		HC33C::D1	3STD060		-	1	1	-	-	-		
11:16		HC33D::D1	3STD120		-	1	1	-	-	-	4, 4A, BS, T	fer
12:06		HC33E::D1	3STD140		-	1	1	-	-	-		
12:54		HC33F::D1	3STD070		-	1	1	-	-	-		
15:04		HC33G::D1	60m DFTPP		-	1	1	-	-	-		
15:28		HC33H::D1	3STD050		-	1	1	-	-	-		
16:15		HC33I::D1	ADTK060		-	1	1	-	-	-		
17:02		HC33J::D1	11911WB4 BLANK		11911W	1	1	-	-	-		
17:40		HC33K::D1	1204BW81 BLANK		1204BW	1	1	-	-	-		
18:35		HC33L::D1	1204BW51 BLANK 8PK			1	1	-	-	-		
19:21		HC33M::D1	SWRL01MS S-4-MS			1	1	-	-	-		
20:06		HC33N::D1	SWRL01mp S-4-MD			1	1	-	-	-		
20:52		HC33O::D1	SWRL01 S-4			1	1	-	-	-		
21:38		HC33P::D1	SWRL02 BB-1			1	1	-	-	-		
22:23		HC33Q::D1	SWRL03 DMS-3			1	1	-	-	-		
23:09		HC33R::D1	SWRL04 DMS-1			1	1	-	-	-		
23:54		HC33T::D1	SWRL05 DA-1			1	1	-	-	-		
00:40		HC33U::D1	11911WB7 BLANK		11911W	1	1	-	-	-		
01:26		HC33V::D1	SWRL06 M-5			1	1	-	-	-		
02:10		HC33W::D1	SWRL07 S-3			1	1	-	-	-		
02:55		HC33X::D1	SWRL08 ERM-1			1	1	-	-	-		
03:40		HC33Z::D1	SWRL08 M-6			1	1	-	-	-		
		HC33A::D1									outliner	

2-7-95 Data Subject To Validation

300618

GC/MS PERFORMANCE STANDARD

Decafluorotriphenylphosphine (DFTPP)

m/z	Ion Abundance Criteria	% Relative Abundance Base Peak	Appropriate Peak	Status
51	30-60% of mass 198	35.73	35.73	Ok
68	Less than 2% of mass 69	0.00	0.00	Ok
69	(reference only)	57.54	57.54	Ok
70	Less than 2% of mass 69	0.00	0.00	Ok
127	40-60% of mass 198	43.32	43.32	Ok
197	Less than 1% of mass 198	0.00	0.00	Ok
198	Base peak, 100% relative abundance	100.00	100.00	Ok
199	5-9% of mass 198	7.19	7.19	Ok
275	10-30% of mass 198	21.50	21.50	Ok
365	Greater than 1% of mass 198	2.07	2.07	Ok
441	0-100% of mass 443	8.85	87.83	Ok
442	Greater than 40% of mass 198	58.46	58.46	Ok
443	17-23% of mass 442	10.07	17.23	Ok

Injection Date: 02/23/95

Injection Time: 12:16

Data File: >H054A

Scan: 376

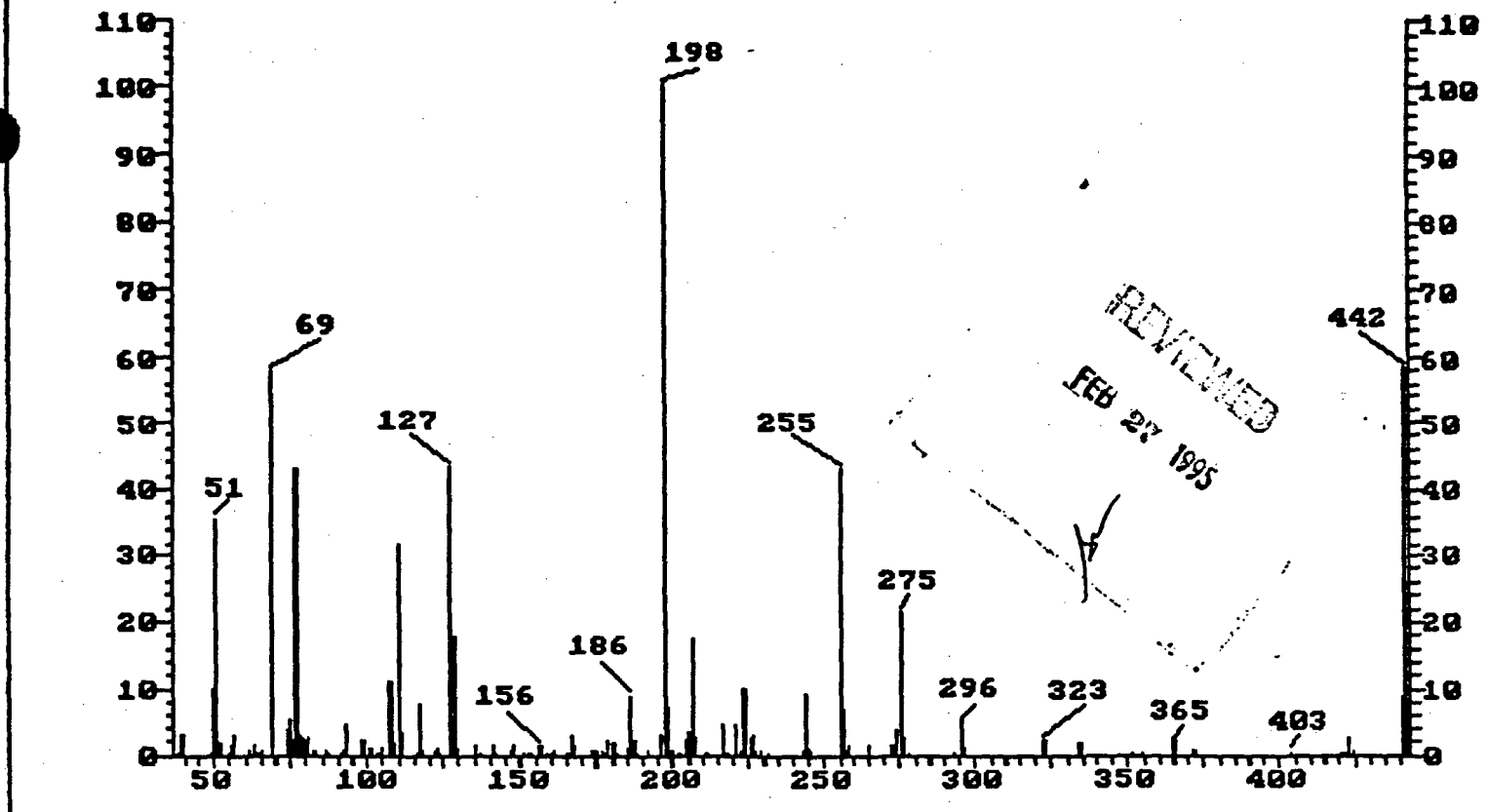
300619

Data Subject To Validation

File >H054A 50ng DFTPP
Bpk Ab 100.

290-14-PERF
SUB NRM

Scan 376
7.19 min.



Data Filename: >H054A::D1

Name: 50ng DFTPP

Misc: 290-14-PERF

INST H

BTL# 1

Operator ID: DAVID SUPER GRP.
Analysis Date/Time : 2/23/95 12:16

300620

Data Subject To Validation

Analysis Date/Time: 2/23/95 12:16
Data Filename and Sample ID:

>H054A 50ng DFTPP 290-14-PERF IN
ST
376 SUB NRM

File: >H054A Scan #: 376 Retn. time: 7.19

m/z	Int.	m/z	Int.	m/z	Int.	m/z	Int.	m/z	Int.
36.55	.212	98.00	2.314	153.00	.479	201.65	.452	257.00	.806
37.95	.507	99.00	2.257	154.00	.339	203.00	.380	258.15	1.545
38.95	3.148	99.75	.218	156.15	1.524	204.00	2.362	265.15	1.569
49.05	.569	101.00	1.260	157.00	.180	205.00	3.545	273.15	1.381
49.95	9.800	103.00	.410	157.25	.166	206.15	17.196	274.00	3.711
50.95	35.729	103.90	.561	158.00	.388	207.15	2.754	275.15	21.505
51.95	1.757	105.00	.961	159.00	.135	210.15	.244	276.15	2.778
54.80	.349	107.00	10.848	160.00	.323	210.75	.545	277.00	1.833
55.95	1.454	108.00	1.900	161.00	.646	211.00	.545	278.00	.317
56.95	3.045	109.15	.200	165.00	.515	214.40	.063	292.95	.539
60.95	.624	110.00	31.427	166.00	.489	214.65	.121	295.95	5.112
62.95	1.353	111.00	3.562	167.00	3.182	215.00	.125	296.95	1.020
63.70	.345	116.00	.442	168.00	1.375	217.00	4.428	301.95	.157
64.95	.602	117.00	7.555	171.75	.190	218.00	.339	308.95	.079
66.45	.190	118.00	.658	174.00	.743	221.00	4.402	323.05	2.304
66.80	.119	120.00	.137	175.00	.848	223.00	.824	333.95	1.658
68.95	57.535	121.90	.660	176.25	.434	224.15	9.914	346.05	.097
73.95	3.850	123.00	1.248	177.00	.678	225.15	2.893	351.95	.567
74.95	5.633	124.00	.321	177.75	.345	226.00	.374	353.95	.561
76.05	2.065	127.00	43.321	179.00	2.552	227.00	3.273	364.95	2.072
77.05	43.063	128.00	2.932	180.15	1.924	227.90	.612	366.05	.184
78.05	3.154	129.00	17.578	181.15	.464	229.00	.682	372.05	.862
78.95	2.875	130.00	.957	185.00	1.133	231.00	.462	402.05	.204
79.95	2.469	131.90	.240	186.00	8.908	233.00	.075	403.05	.549
80.95	2.879	132.25	.244	187.00	2.552	233.90	.228	421.05	.592
82.05	.624	135.00	1.492	188.00	.283	238.90	.149	422.05	.351
83.80	.202	137.15	.269	188.75	.125	243.15	.606	423.05	2.863
85.95	.781	141.00	1.290	190.00	.097	244.15	9.136	424.05	.757
86.95	.380	142.00	.416	192.00	.614	245.15	1.102	441.05	8.847
89.20	.117	144.00	.052	196.15	3.041	246.00	.836	442.05	58.456
90.95	.501	147.00	.640	198.00	100.000	255.00	42.998	443.05	10.073
92.05	.618	148.00	1.440	199.00	7.188	256.00	7.006	444.05	1.052
92.95	4.406	151.00	.355	200.00	.745				

300621

Data Subject to Validation

QUANT REPORT

Operator ID: DAVID
 Output File: ^H054A::BQ
 Data File: ^H054A::D1
 Name: 50ng DFTPP
 Misc: 290-14-PERF

Quant Rev: 6 Quant Time: 950223 15:49
 Injected at: 950223 12:18
 Dilution Factor: 1.00000

INST H BTL# 1

ID File: ID_DFT::DB
 Title: DFTPP/BENZIDINE/PENTACHLOROPHENOL PERFORMANCE
 Last Calibration: 950223 15:49

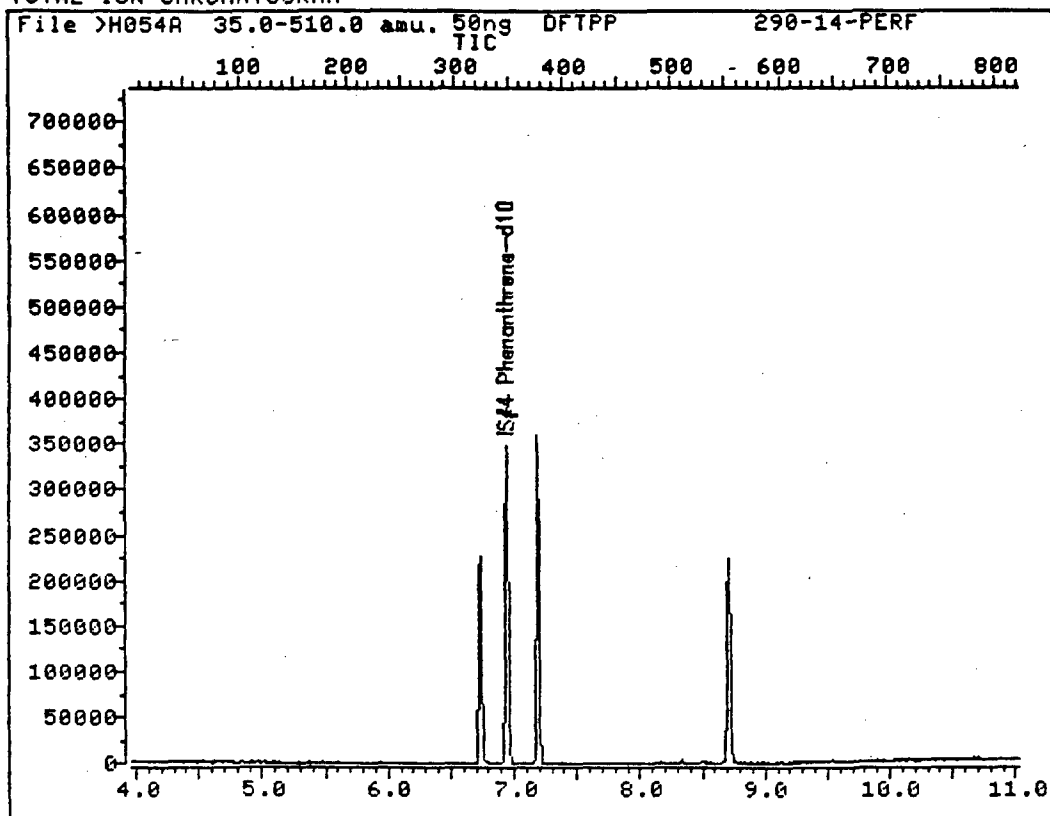
Compound	R.T.	Q ion	Area	Conc	Units	q
1) *IS#4 Phenanthrene-d10	6.94	188.2	213215	20.00	ppb	86
2) Pentachlorophenol	6.73	265.9	45578	25.00	ppb	98
3) Benzidine	8.71	184.2	115563	25.00	ppb	95

* Compound is ISTD

300622

Data Subject To Validation

TOTAL ION CHROMATOGRAM



Data File: >H054A::D1

Quant Output File: ^H054A::BQ

Name: 50ng DFTPP

Misc: 290-14-PERF

INST H

BTL# 1

Id File: ID_DFT::DB

Title: DFTPP/BENZIDINE/PENTACHLOROPHENOL PERFORMANCE

Last Calibration: 950223 15:49

Operator ID: DAVID

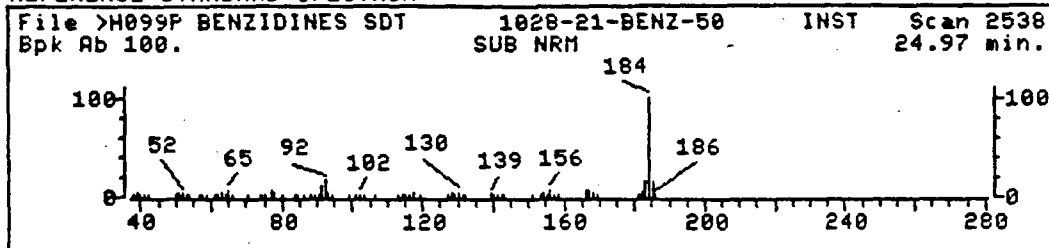
Quant Time: 950223 15:49

Injected at: 950223 12:18

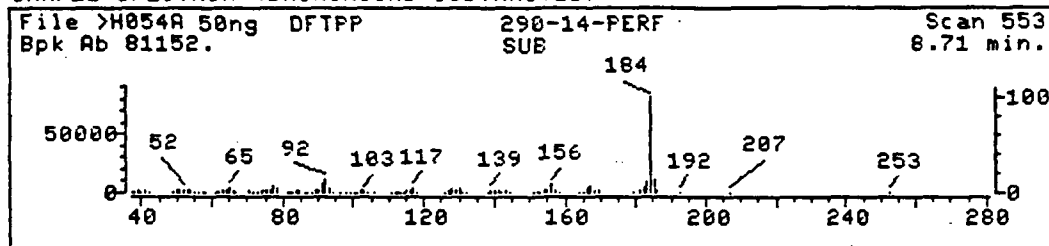
300623

Data Subject To Validation

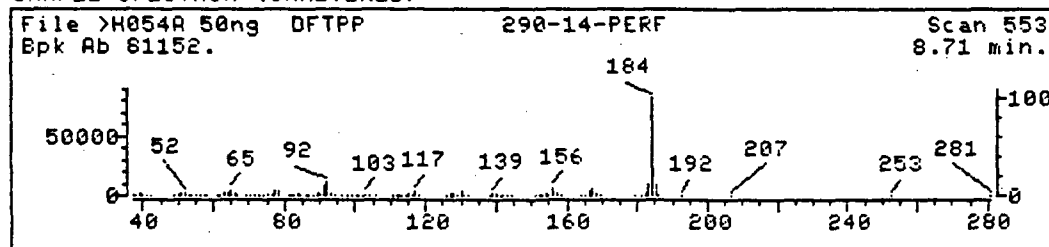
REFERENCE STANDARD SPECTRUM



SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)



SAMPLE SPECTRUM (UNALTERED)



Data File: >H054A::D1

Name: 50ng DFTPP

Misc: 290-14-PERF

Quant Time: 950223 15:49

Injected at: 950223 12:18

Quant Output File: ^H054A::BQ

INST H

BTL# 1

Quant ID File: ID_DFT::DB

Last Calibration: 950223 15:49

Compound No: 3

Compound Name: Benzidine

Scan Number: 553

Retention Time: 8.71 min.

Quant Ion: 184.2

Area: 115563

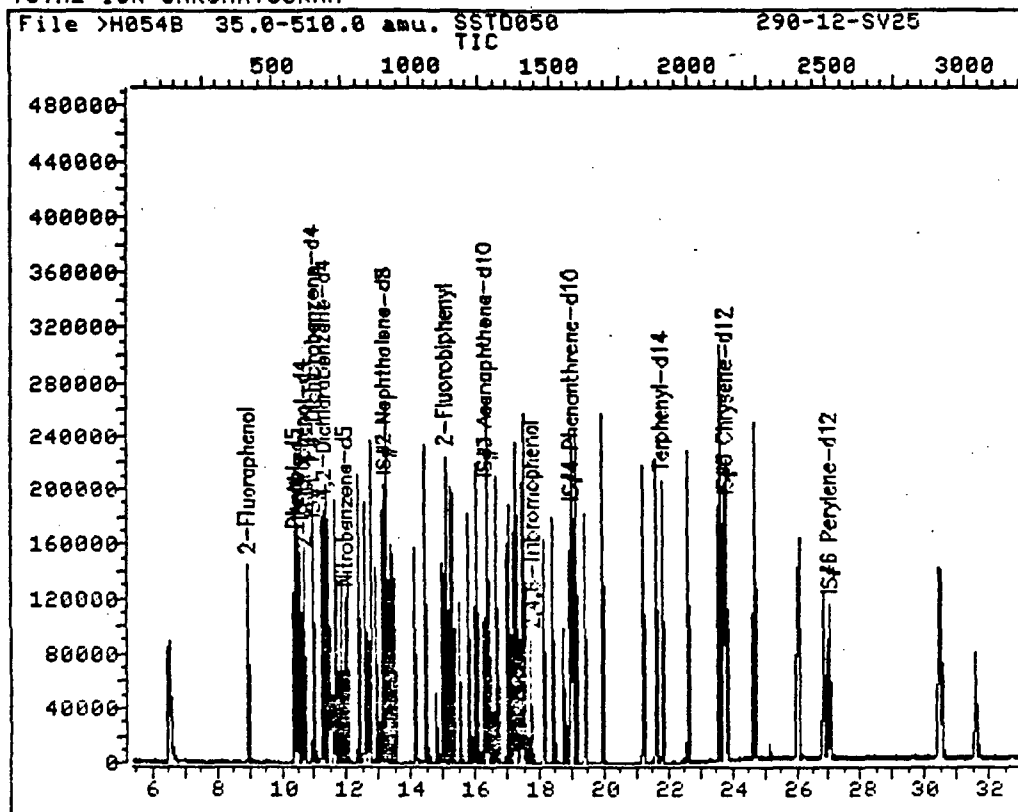
Concentration: 25.00 ppb

q-value: 95

300624

Data Subject To Validation

TOTAL ION CHROMATOGRAM



REVIEWED
FEB 27 1995

Data File: >H054B::D1

Quant Output File: ^H054B::BQ

Name: SST0050

Misc: 290-12-SV25

INST H

BTL# 2

Id File: ID_SH::DB

Title: SEMIVOLATILES BY SW846-8270/EPA 625

Last Calibration: 950223 15:48

Operator ID: DAVID

Quant Time: 950223 15:49

Injected at: 950223 14:56

300625

Data Subject To Validation

QUANT REPORT

Operator ID: DAVID
Output File: ^H054B::BQ
Data File: >H054B::D1
Name: SST050
Misc: 290-12-SV25

Quant Rev: 6 Quant Time: 950223 15:49
Injected at: 950223 14:56
Dilution Factor: 1.00000

INST H

BTL# 2

ID File: ID_SH::DB
Title: SEMIVOLATILES BY SW846-8270/EPA 625
Last Calibration: 950223 15:48

	Compound	R.T.	Q ion	Area	Conc	Units	q
1)	*IS#1 1,4-Dichlorobenzene-d4	10.96	152.0	42043	20.00	ppb	96
2)	Pyridine	6.48	79.1	77237	25.00	ppb	97
3)	N-Nitrosodimethylamine	6.52	74.0	52508M	25.00	ppb	
4)	Phenol-d5	10.40	99.0	82885	25.00	ppb	96
5)	2-Chlorophenol-d4	10.65	132.0	60211	25.00	ppb	85
6)	2-Fluorophenol	8.92	112.0	66616	25.00	ppb	71
7)	Aniline	10.48	93.0	120502	25.00	ppb	90
8)	Phenol	10.42	94.0	88736	25.00	ppb	67
9)	2-Chlorophenol	10.67	128.0	64987	25.00	ppb	79
10)	bis(2-Chloroethyl)ether	10.54	93.0	86234	25.00	ppb	94
11)	1,3-Dichlorobenzene	10.89	146.0	74907	25.00	ppb	98
12)	1,4-Dichlorobenzene	10.99	146.0	76458	25.00	ppb	96
13)	1,2-Dichlorobenzene-d4	11.28	152.0	45932	25.00	ppb	90
14)	1,2-Dichlorobenzene	11.31	146.0	72189	25.00	ppb	96
15)	Benzyl alcohol	11.21	108.1	39981	25.00	ppb	84
16)	2,2'Oxybis-(1-chloropropane)	11.45	44.9	79449	25.00	ppb	86
17)	2-Methylphenol	11.40	108.0	55726	25.00	ppb	93
18)	N-Nitroso-di-n-propylamine	11.68	70.0	52101	25.00	ppb	72
19)	Hexachloroethane	11.83	117.0	28616	25.00	ppb	95
20)	4-Methylphenol	11.64	108.0	60876	25.00	ppb	97
21)	*IS#2 Naphthalene-d8	13.17	136.1	150205	20.00	ppb	98
22)	Nitrobenzene-d5	11.95	82.0	65110	25.00	ppb	80
23)	Nitrobenzene	11.98	77.0	69840	25.00	ppb	96
24)	Isophorone	12.35	82.2	153753	25.00	ppb	98
25)	2-Nitrophenol	12.52	139.0	24147	25.00	ppb	92
26)	2,4-Dimethylphenol	12.54	107.0	46512	25.00	ppb	90
27)	bis(2-Chloroethoxy)methane	12.70	93.1	105166	25.00	ppb	92
28)	2,4-Dichlorophenol	12.92	162.0	47529	25.00	ppb	89
29)	Benzoic acid	12.70	122.0	29242	25.00	ppb	97
30)	1,2,4-Trichlorobenzene	13.08	179.9	56934	25.00	ppb	99
31)	Naphthalene	13.20	128.1	179178	25.00	ppb	98
32)	4-Chloroaniline	13.31	127.0	75305	25.00	ppb	94
33)	Hexachlorobutadiene	13.47	224.8	31598	25.00	ppb	93
34)	4-Chloro-3-methylphenol	14.12	107.0	55051	25.00	ppb	84
35)	2-Methylnaphthalene	14.41	142.1	105065	25.00	ppb	98
36)	*IS#3 Acenaphthene-d10	16.31	164.2	70863	20.00	ppb	86
37)	Hexachlorocyclopentadiene	14.79	236.8	13660	25.00	ppb	92
38)	2,4,6-Trichlorophenol	14.94	196.0	30754	25.00	ppb	89
39)	2,4,5-Trichlorophenol	15.01	196.0	33922	25.00	ppb	97
40)	2-Fluorobiphenyl	15.05	172.1	113490	25.00	ppb	90
41)	2-Chloronaphthalene	15.28	162.0	101467	25.00	ppb	96
42)	2-Nitroaniline	15.51	65.0	35104	25.00	ppb	60
43)	Dimethylphthalate	15.81	163.1	121821	25.00	ppb	90

	Compound	R.T.	Q ion	Area	Conc	Units	q
44)	2,6-Dinitrotoluene	15.98	165.0	21408	25.00	ppb	91
45)	Acenaphthylene	16.04	152.1	168160	25.00	ppb	95
46)	3-Nitroaniline	16.24	138.0	26195	25.00	ppb	90
47)	Acenaphthene	16.37	153.1	108457	25.00	ppb	95
48)	2,4-Dinitrophenol	16.42	184.1	6742	25.00	ppb	57
49)	Dibenzofuran	16.65	168.1	137480	25.00	ppb	97
50)	4-Nitrophenol	16.49	109.0	10122	25.00	ppb	84
51)	2,4-Dinitrotoluene	16.68	165.1	30678	25.00	ppb	94
52)	2,3,4,6-Tetrachlorophenol	16.93	232.0	31412	25.00	ppb	85
53)	Diethylphthalate	17.04	149.1	133871	25.00	ppb	93
54)	4-Chlorophenyl-phenylether	17.21	204.1	49854	25.00	ppb	85
55)	Fluorene	17.27	166.1	106332	25.00	ppb	92
56)	4-Nitroaniline	17.35	138.0	24047	25.00	ppb	89
57)	2,4,6-Tribromophenol	17.74	329.6	20981	25.00	ppb	86
58)	*IS#4 Phenanthrene-d10	18.97	188.2	105222	20.00	ppb	86
59)	1,2-Diphenylhydrazine	17.50	77.0	176003	25.00	ppb	89
60)	4,6-Dinitro-2-methylphenol	17.42	198.0	10451	25.00	ppb	93
61)	Diphenylamine	17.44	169.1	69393	25.00	ppb	88
62)	4-Bromophenyl-phenylether	18.09	248.0	31784	25.00	ppb	91
63)	Hexachlorobenzene	18.41	283.8	48347	25.00	ppb	98
64)	Pentachlorophenol	18.71	265.9	22054	25.00	ppb	96
65)	Carbazole	19.35	167.0	132319	25.00	ppb	95
66)	Phenanthrene	19.01	178.1	148334	25.00	ppb	97
67)	Anthracene	19.09	178.1	148594	25.00	ppb	97
68)	Fluoranthene	21.16	202.0	153906	25.00	ppb	96
69)	Di-n-butylphthalate	19.90	149.0	239500	25.00	ppb	99
70)	*IS#5 Chrysene-d12	23.76	240.2	103595	20.00	ppb	98
71)	Pyrene	21.59	202.0	158218	25.00	ppb	95
72)	Terphenyl-d14	21.76	244.2	106893	25.00	ppb	97
73)	Butylbenzylphthalate	22.60	149.1	93615	25.00	ppb	95
74)	3,3'-Dichlorobenzidine	23.63	252.2	50098	25.00	ppb	97
75)	Benzo(a)anthracene	23.72	228.0	142597	25.00	ppb	95
76)	bis(2-Ethylhexyl)phthalate	23.54	149.0	145321	25.00	ppb	88
77)	Chrysene	23.81	228.0	131571	25.00	ppb	96
78)	*IS#6 Perylene-d12	26.99	264.2	121839	20.00	ppb	95
79)	Di-n-octylphthalate	24.64	149.0	240168	25.00	ppb	95
80)	Benzo(b)fluoranthene	25.97	252.2	152868	25.00	ppb	98
81)	Benzo(k)fluoranthene	26.02	252.2	142969	25.00	ppb	95
82)	Benzo(a)pyrene	26.83	252.0	136746	25.00	ppb	93
83)	Indeno(1,2,3-cd)pyrene	30.49	276.2	174408	25.00	ppb	87
84)	Dibenz(a,h)anthracene	30.45	278.1	134290	25.00	ppb	84
85)	Benzo(g,h,i)perylene	31.57	276.0	146145	25.00	ppb	86

* Compound is ISTD

300627

Data Subject To Validation

Continuing Calibration Check
MSL Compounds

Case No: _____ Calibration Date: 02/23/95
 Contractor: PACE _____ Time: 14:56
 Contract No: _____ Laboratory ID: >N0548
 Instrument ID: 5988-M _____ Initial Calibration Date: 02/02/95

Minimum RF for SPCC is 0.05 Maximum % Diff for CCC is 30%

Compound	RF	RF	%Diff	CCC	SPCC
Pyridine	1.01438	1.46968	44.88		
N-Nitrosodimethylamine	.66304	.99919	50.70		
Phenol-d5	1.48923	1.57715	5.90		
2-Chlorophenol-d4	1.19953	1.14570	4.49		
2-Fluorophenol	1.12896	1.26758	12.28		
Aniline	2.24426	2.29293	2.17		
Phenol	1.62092	1.68848	4.17	*	✓
2-Chlorophenol	1.21281	1.23658	1.96		
bis(2-Chloroethyl)ether	1.39292	1.64087	17.80		
1,3-Dichlorobenzene	1.31130	1.42534	8.70		
1,4-Dichlorobenzene	1.34158	1.45485	8.44	*	✓
1,2-Dichlorobenzene-d4	.80913	.87400	8.02		
1,2-Dichlorobenzene	1.23820	1.37362	10.94		
Benzyl alcohol	.73778	.76076	3.11		
2,2'Oxybis-(1-chloropropane)	1.37092	1.51177	10.27		
2-Methylphenol	1.05586	1.06036	.43		
N-Nitroso-di-n-propylamine	.91209	.99138	8.69	**	
Hexachloroethane	.58790	.54451	7.38		
4-Methylphenol	1.10887	1.15836	4.46		
Nitrobenzene-d5	.41102	.34678	15.63		
Nitrobenzene	.40829	.37197	8.89		
Isophorone	.80030	.81890	2.32		
2-Nitrophenol	.17343	.12861	25.85	*	✓
2,4-Dimethylphenol	.27375	.24773	9.51		
bis(2-Chloroethoxy)methane	.49769	.56012	12.54		
2,4-Dichlorophenol	.26488	.25314	4.43	*	✓
Benzoic acid	.17640	.15574	11.71		
1,2,4-Trichlorobenzene	.29482	.30323	2.85		
Naphthalene	.90341	.95431	5.63		
4-Chloroaniline	.41357	.40108	3.02		
Hexachlorobutadiene	.16955	.16829	.74	*	✓
4-Chloro-3-methylphenol	.28719	.29320	2.10	*	✓

RF - Response Factor from daily standard file at 25.00 PPB

RF - Average Response Factor from Initial Calibration Form VI

%Diff - % Difference from original average or curve

CCC - Calibration Check Compounds (*) SPCC - System Performance Check Compounds (**)

Continuing Calibration Check
MSL Compounds

Case No: _____ Calibration Date: 02/23/95
 Contractor: PACE _____ Time: 14:56
 Contract No: _____ Laboratory ID: >H0548
 Instrument ID: 5988-M _____ Initial Calibration Date: 02/02/95

Minimum RF for SPCC is 0.05 Maximum % Diff for CCC is 30%

Compound	RF	RF	%Diff	CCC	SPCC
2-Methylnaphthalene	.55293	.55958	1.20		
Hexachlorocyclopentadiene	.32670	.15421	52.80	**	
2,4,6-Trichlorophenol	.38270	.34719	9.28	*	/
2,4,5-Trichlorophenol	.41683	.38296	8.13		
2-Fluorobiphenyl	1.25887	1.28123	1.78		
2-Chloronaphthalene	1.08947	1.14550	5.14		
2-Nitroaniline	.42902	.39630	7.63		
Dimethylphthalate	1.38792	1.37528	.91		
2,6-Dinitrotoluene	.31656	.24168	23.65		
Acenaphthylene	1.80475	1.89842	5.19		
3-Nitroaniline	.36172	.29573	18.24		
Acenaphthene	1.12923	1.22441	8.43	*	/
2,4-Dinitrophenol	.15628	.07611	51.30	**	
Dibenzofuran	1.48924	1.55207	4.22		
4-Nitrophenol	.17060	.11427	33.02	**	
2,4-Dinitrotoluene	.39411	.34634	12.12		
2,3,4,6-Tetrachlorophenol	.37045	.35462	4.27		
Diethylphthalate	1.46478	1.51132	3.18		
4-Chlorophenyl-phenylether	.54579	.56282	3.12		
Fluorene	1.11196	1.20042	7.96		
4-Nitroaniline	.32391	.27148	16.19		
2,4,6-Tribromophenol	.22662	.23686	4.52		
1,2-Diphenylhydrazine	1.30901	1.33815	2.23		
4,6-Dinitro-2-methylphenol	.15078	.07946	47.30		
Diphenylamine	.52841	.52759	.15	*	/
4-Bromophenyl-phenylether	.23966	.24165	.83		
Hexachlorobenzene	.31426	.36758	16.97		
Pentachlorophenol	.18396	.16768	8.85	*	/
Carbazole	1.00492	1.00602	.11		
Phenanthrene	1.10125	1.12778	2.41		
Anthracene	1.11046	1.12976	1.74		
Fluoranthene	1.17351	1.17014	.29	*	/

RF - Response Factor from daily standard file at 25.00 PPB

RF - Average Response Factor from Initial Calibration Form VI

%Diff - % Difference from original average or curve

CCC - Calibration Check Compounds (*) SPCC - System Performance Check Compounds (**)

Continuing Calibration Check
NSL Compounds

Case No: _____ Calibration Date: 02/23/95
 Contractor: PACE _____ Time: 14:56
 Contract No: _____ Laboratory ID: >H0548
 Instrument ID: 5988-H _____ Initial Calibration Date: 02/02/95

Minimum RF for SPCC is 0.05

Maximum % Diff for CCC is 30%

Compound	RF	RF	%Diff	CCC	SPCC
Di-n-butylphthalate	1.67332	1.82091	8.82		
Pyrene	1.28356	1.22182	4.81		
Terphenyl-d14	.81891	.82547	.80		
Butylbenzylphthalate	.76622	.72293	5.65		
3,3'-Dichlorobenzidine	.39300	.38688	1.56		
Benzo(a)anthracene	1.08622	1.10119	1.38		
bis(2-Ethylhexyl)phthalate	1.08571	1.12222	3.36		
Chrysene	1.01148	1.01604	.45		
Di-n-octylphthalate	1.62082	1.57695	2.71	*	✓
Benzo(b)fluoranthene	1.05431	1.00374	4.80		
Benzo(k)fluoranthene	.92652	.93874	1.32		
Benzo(a)pyrene	.90934	.89788	1.26	*	✓
Indeno(1,2,3-cd)pyrene	1.04677	1.14517	9.40		
Dibenz(a,h)anthracene	.81469	.88175	8.23		
Benzo(g,h,i)perylene	.88047	.95959	8.99		

RF - Response Factor from daily standard file at 25.00 PPB

RF - Average Response Factor from Initial Calibration Form VI

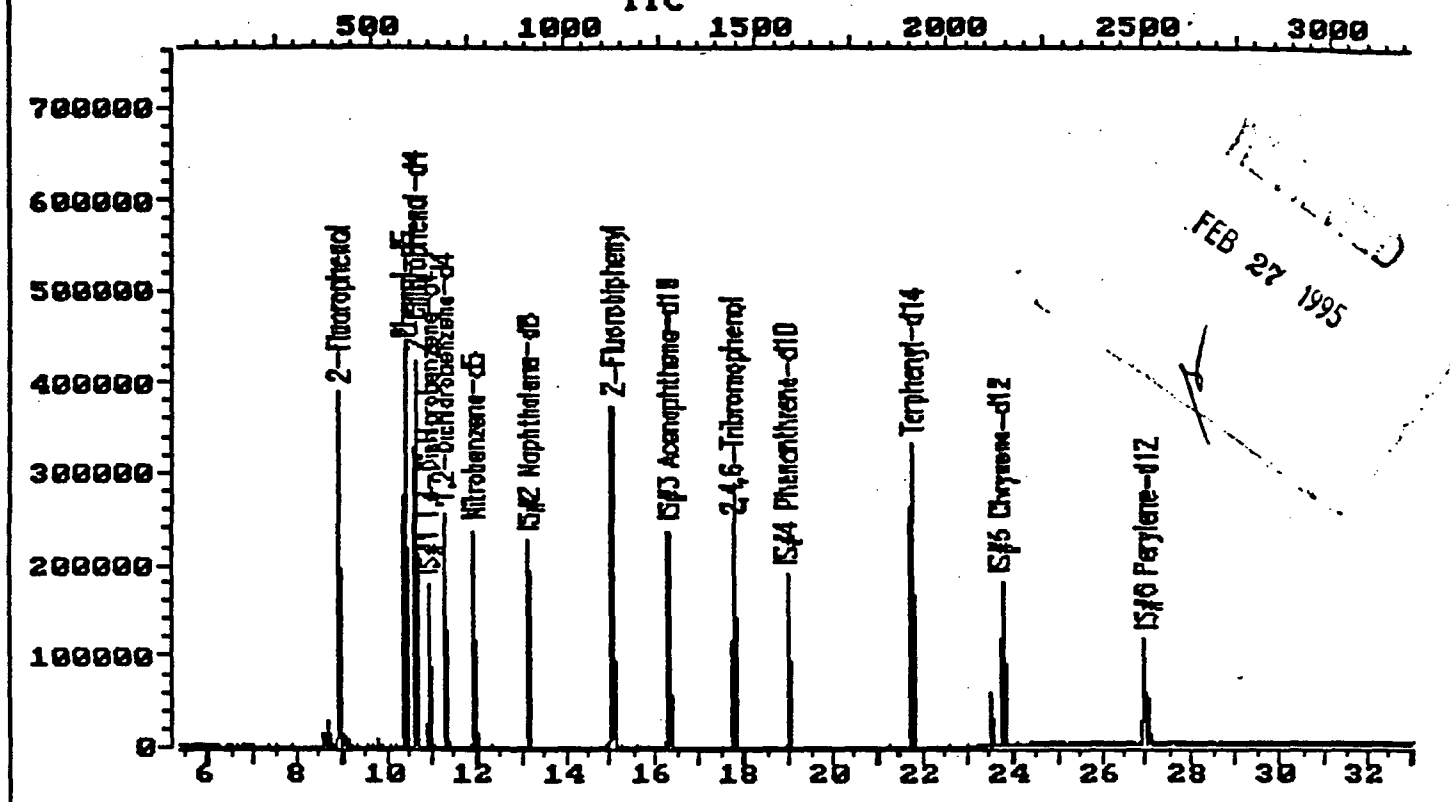
%Diff - % Difference from original average or curve

CCC - Calibration Check Compounds (*) SPCC - System Performance Check Compounds (**)

TOTAL ION CHROMATOGRAM

File >H054C 35.0-510.0 amu. 12422WB1

BNA LAB BLANK WATER



Data File: >H054C::D1

Quant Output File: ^H054C::BQ

Name: 12422WB1

Misc: BNA LAB BLANK

WATER

BATCH# 12422

INST H

BTL# 3

Id File: ID_SH::DB

Title: SEMIVOLATILES BY SW846-8270/EPA 625

Last Calibration: 950223 15:48

Operator ID: DAVID

Quant Time: 950223 16:13

Injected at: 950223 15:39

Data Subject To Validation

300631

QUANT REPORT

Operator ID: DAVID
Output File: ^H054C::BQ
Data File: >H054C::D1
Name: 12422WB1

Quant Rev: 6 Quant Time: 950223 16:13
Injected at: 950223 15:39
Dilution Factor: 1.00000

Misc: BNA LAB BLANK WATER BATCH# 12422 INST H BTL# 3

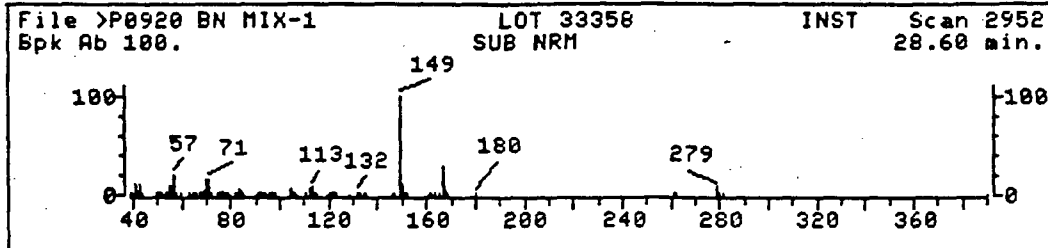
ID File: ID_SH::DB
Title: SEMIVOLATILES BY SW846-8270/EPA 625
Last Calibration: 950223 15:48

	Compound	R.T.	Scan#	Area	Conc	Units	q
1)	*IS#1 1,4-Dichlorobenzene-d4	10.92	646	47264	20.00	ppb	94
4)	Phenol-d5	10.37	582	258363	69.32	ppb	99
5)	2-Chlorophenol-d4	10.61	610	194532	71.85	ppb	87
6)	2-Fluorophenol	8.89	410	197555	65.95	ppb	80
13)	1,2-Dichlorobenzene-d4	11.25	684	64649	31.30	ppb	91
21)	*IS#2 Naphthalene-d8	13.14	903	165007	20.00	ppb	97
22)	Nitrobenzene-d5	11.92	762	128771	45.01	ppb	84
36)	*IS#3 Acenaphthene-d10	16.29	1270	78867	20.00	ppb	86
40)	2-Fluorobiphenyl	15.04	1124	184982	36.61	ppb	94
57)	2,4,6-Tribromophenol	17.72	1436	68687	73.54	ppb	88
58)	*IS#4 Phenanthrene-d10	18.94	1578	111340	20.00	ppb	94
70)	*IS#5 Chrysene-d12	23.74	2136	105704	20.00	ppb	97
73)	Terphenyl-d14	21.75	1905	185646	42.55	ppb	98
77)	bis(2-Ethylhexyl)phthalate	23.53	2112	29045	4.90	ppb	90
79)	*IS#6 Perylene-d12	26.97	2511	122982	20.00	ppb	90

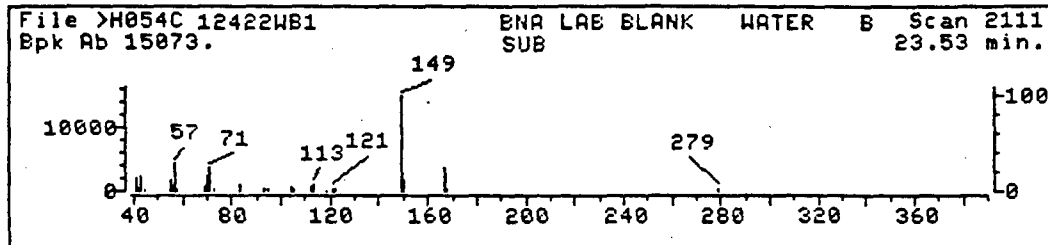
* Compound is ISTD

300632

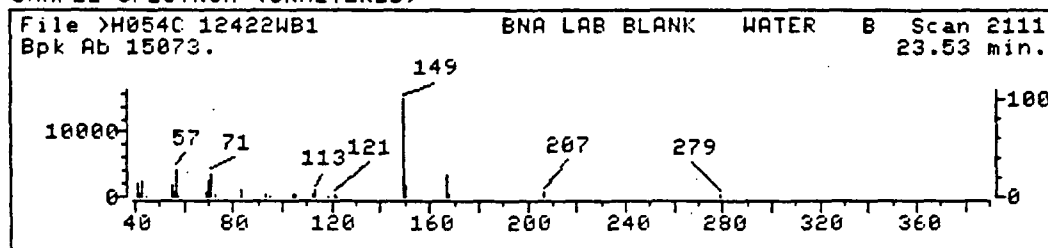
REFERENCE STANDARD SPECTRUM



SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)



SAMPLE SPECTRUM (UNALTERED)



Data File: >H054C::D1

Quant Output File: ^H054C::BQ

Name: 12422WB1

Misc: BNA LAB BLANK WATER

BATCH# 12422 INST H

BTL# 3

Quant Time: 950223 16:13

Quant ID File: ID_SH::DB

Injected at: 950223 15:39

Last Calibration: 950223 15:48

Compound No: 77

Compound Name: bis(2-Ethylhexyl)phthalate

Scan Number: 2112

Retention Time: 23.53 min.

Quant Ion: 149.0

Area: 29045

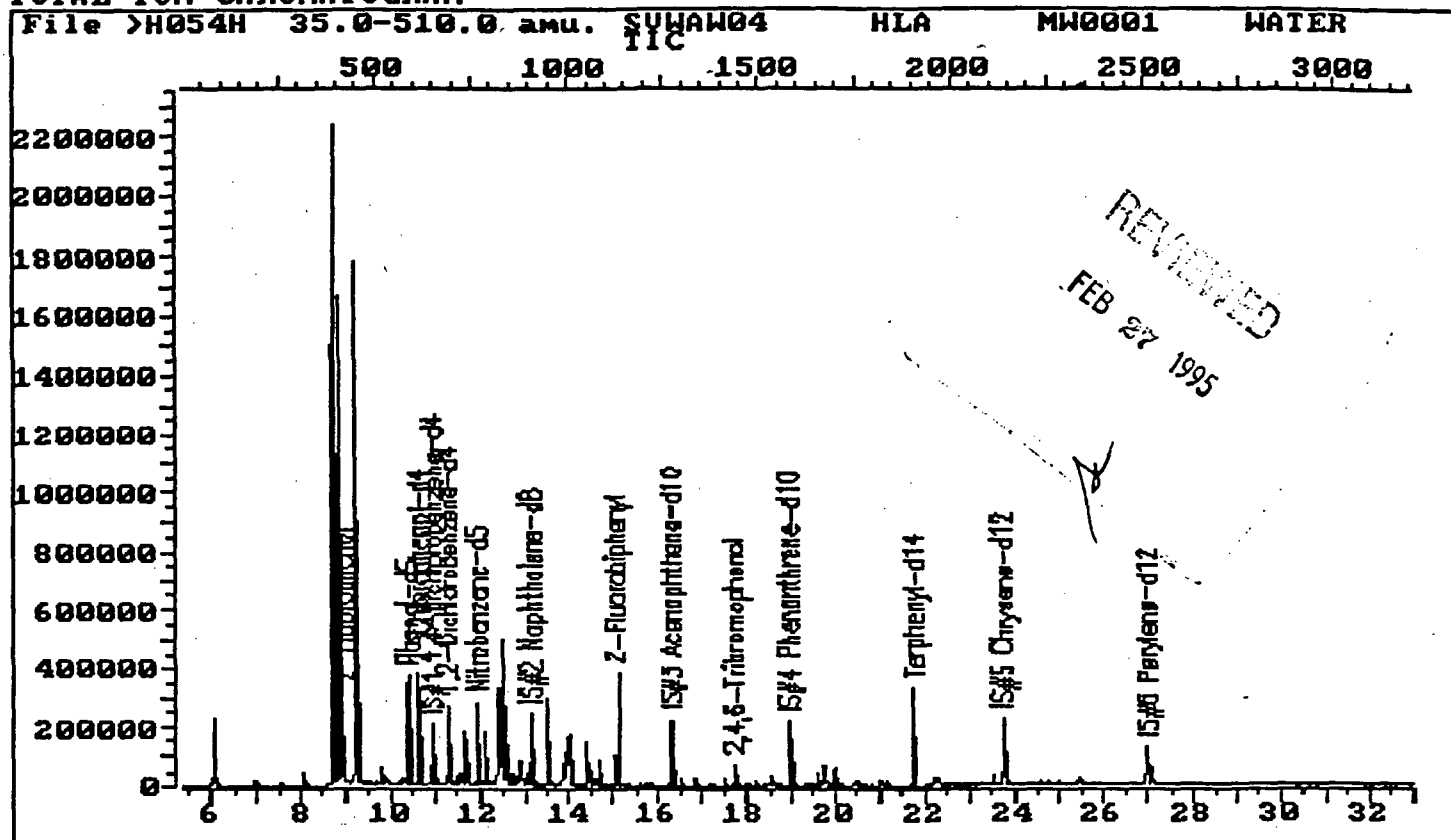
Concentration: 4.90 ppb

q-value: 90

300633

Data Subject To Validation

TOTAL ION CHROMATOGRAM



Data File: >H054H::D1
Name: SVWAW04 HLA
Misc: MW0001 WATER

Quant Output File: ^H054H::BQ

BATCH# 12422

INST H

BTL# 8

Id File: ID SH::DB
Title: SEMI-VOLATILES BY SW846-8270/EPA 625
Last Calibration: 950223 15:48

Operator ID: DAVID
Quant Time: 950223 19:51
Injected at: 950223 19:17

Data Subject To Validation

300634

QUANT REPORT

Operator ID: DAVID
 Output File: ^H054H::BQ
 Data File: >H054H::D1
 Name: SVWAW04 HLA
 Misc: MW0001 WATER

Quant Rev: 6 Quant Time: 950223 19:51
 Injected at: 950223 19:17
 Dilution Factor: 1.00000

BATCH# 12422 INST H BTL# 8

ID File: ID_SH::DB
 Title: SEMI-VOLATILES BY SW846-8270/EPA 625
 Last Calibration: 950223 15:48

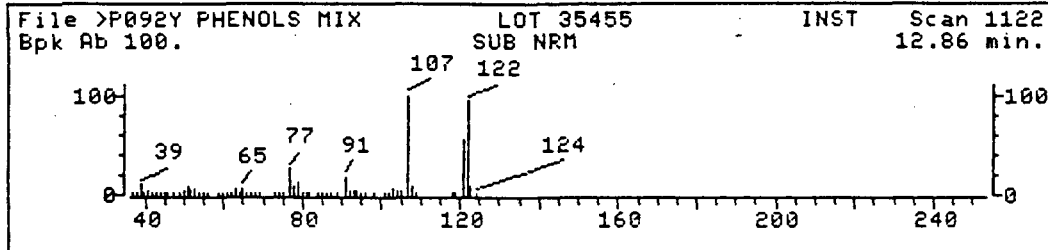
	Compound	R.T.	Scan#	Area	Conc	Units	q
1)	*IS#1 1,4-Dichlorobenzene-d4	10.93	646	51376	20.00	ppb	94
4)	Phenol-d5	10.38	582	225460	55.65	ppb	99
5)	2-Chlorophenol-d4	10.61	609	171549	58.29	ppb	88
6)	2-Fluorophenol	8.90	410	151425	46.50	ppb	74
13)	1,2-Dichlorobenzene-d4	11.26	684	70919	31.59	ppb	92
21)	*IS#2 Naphthalene-d8	13.14	902	166972	20.00	ppb	99
22)	Nitrobenzene-d5	11.92	761	144792	50.01	ppb	87
26)	2,4-Dimethylphenol	12.53	831	106594	51.54	ppb	84
29)	Benzoic acid	12.61	841	4468	3.44	ppb	72
36)	*IS#3 Acenaphthene-d10	16.30	1268	71013	20.00	ppb	83
40)	2-Fluorobiphenyl	15.04	1122	177647	39.05	ppb	92
57)	2,4,6-Tribromophenol	17.72	1433	15215	18.09	ppb	86
58)	*IS#4 Phenanthrene-d10	18.94	1575	115328	20.00	ppb	91
70)	*IS#5 Chrysene-d12	23.74	2131	109421	20.00	ppb	99
73)	Terphenyl-d14	21.75	1900	189001	41.85	ppb	96
77)	bis(2-Ethylhexyl)phthalate	23.52	2106	16206	2.64	ppb	88
79)	*IS#6 Perylene-d12	26.96	2504	128879	20.00	ppb	94

* Compound is ISTD

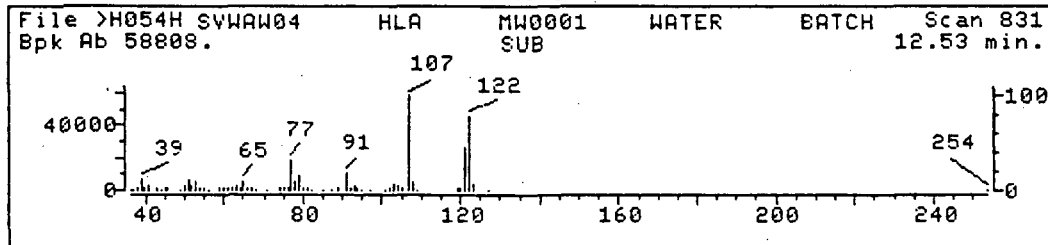
300635

Data Subject To Variation

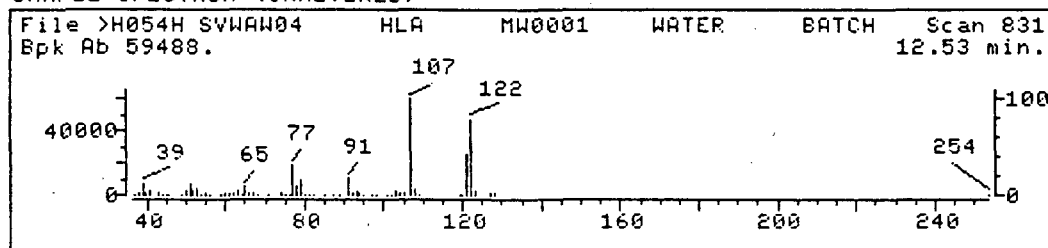
REFERENCE STANDARD SPECTRUM



SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)



SAMPLE SPECTRUM (UNALTERED)



Data File: >H054H::D1

Quant Output File: ^H054H::BQ

Name: SVWAW04 HLA

Misc: MW0001 WATER

BATCH# 12422

INST H

BTL# 8

Quant Time: 950223 19:51

Quant ID File: ID_SH::DB

Injected at: 950223 19:17

Last Calibration: 950223 15:48

Compound No: 26

Compound Name: 2,4-Dimethylphenol

Scan Number: 831

Retention Time: 12.53 min.

Quant Ion: 107.0

Area: 106594

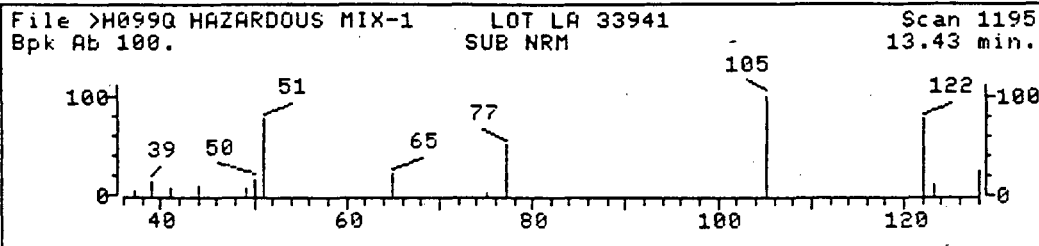
Concentration: 51.54 ppb

q-value: 84

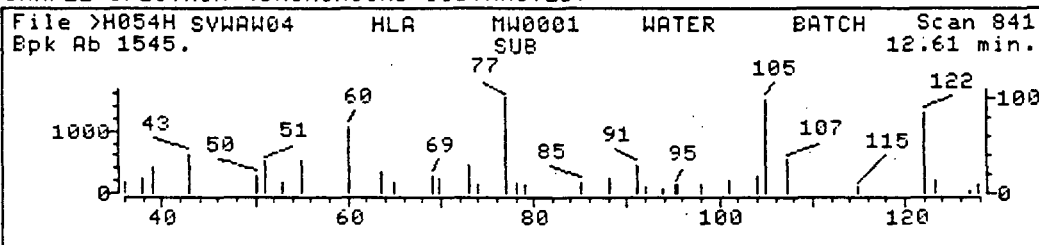
300636

Data Subject To Validation

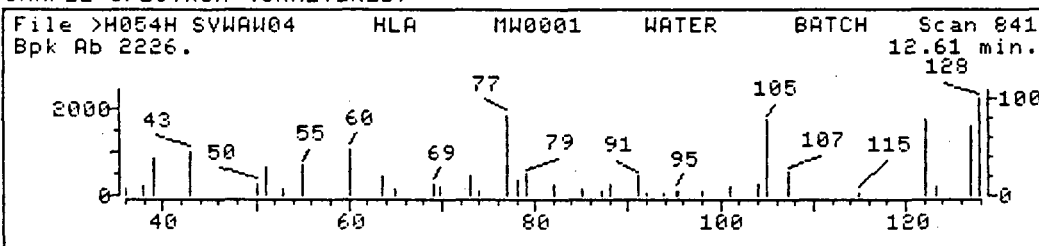
REFERENCE STANDARD SPECTRUM



SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)



SAMPLE SPECTRUM (UNALTERED)



Data File: >H054H::D1

Quant Output File: ^H054H::BQ

Name: SVWAW04 HLA

Misc: MW0001 WATER

BATCH# 12422

INST H

BTL# 8

Quant Time: 950223 19:51

Quant ID File: ID_SH::DB

Injected at: 950223 19:17

Last Calibration: 950223 15:48

Compound No: 29

Compound Name: Benzoic acid

Scan Number: 841

Retention Time: 12.61 min.

Quant Ion: 122.0

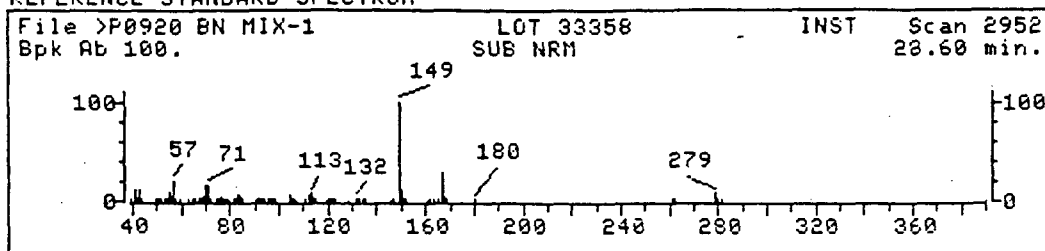
Area: 4468

Concentration: 3.44 ppb

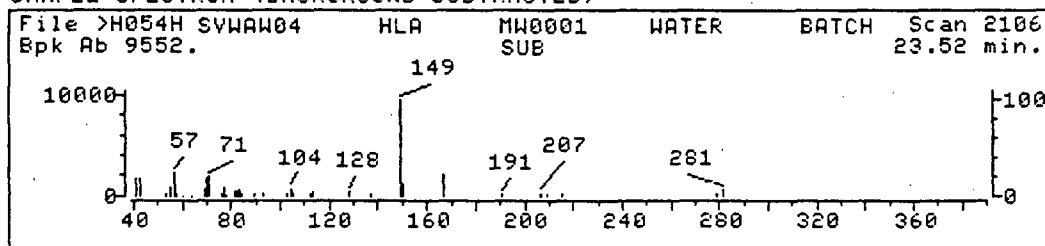
q-value: 72

300637

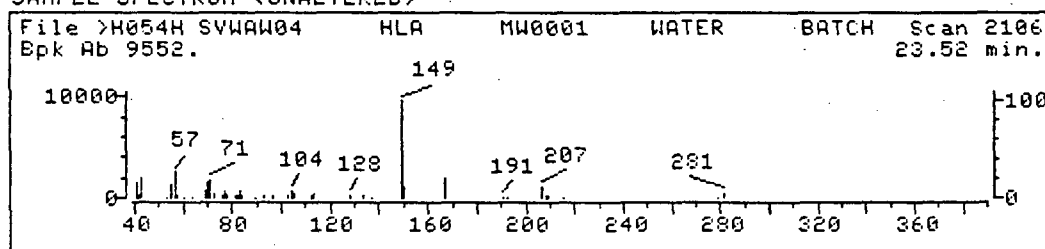
REFERENCE STANDARD SPECTRUM



SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)



SAMPLE SPECTRUM (UNALTERED)



Data File: >H054H::D1

Quant Output File: ^H054H::BQ

Name: SVWAW04 HLA

Misc: MW0001 WATER

BATCH# 12422

INST H

BTL# 8

Quant Time: 950223 19:51

Quant ID File: ID_SH::DB

Injected at: 950223 19:17

Last Calibration: 950223 15:48

Compound No: 77

Compound Name: bis(2-Ethylhexyl)phthalate

Scan Number: 2106

Retention Time: 23.52 min.

Quant Ion: 149.0

Area: 16206

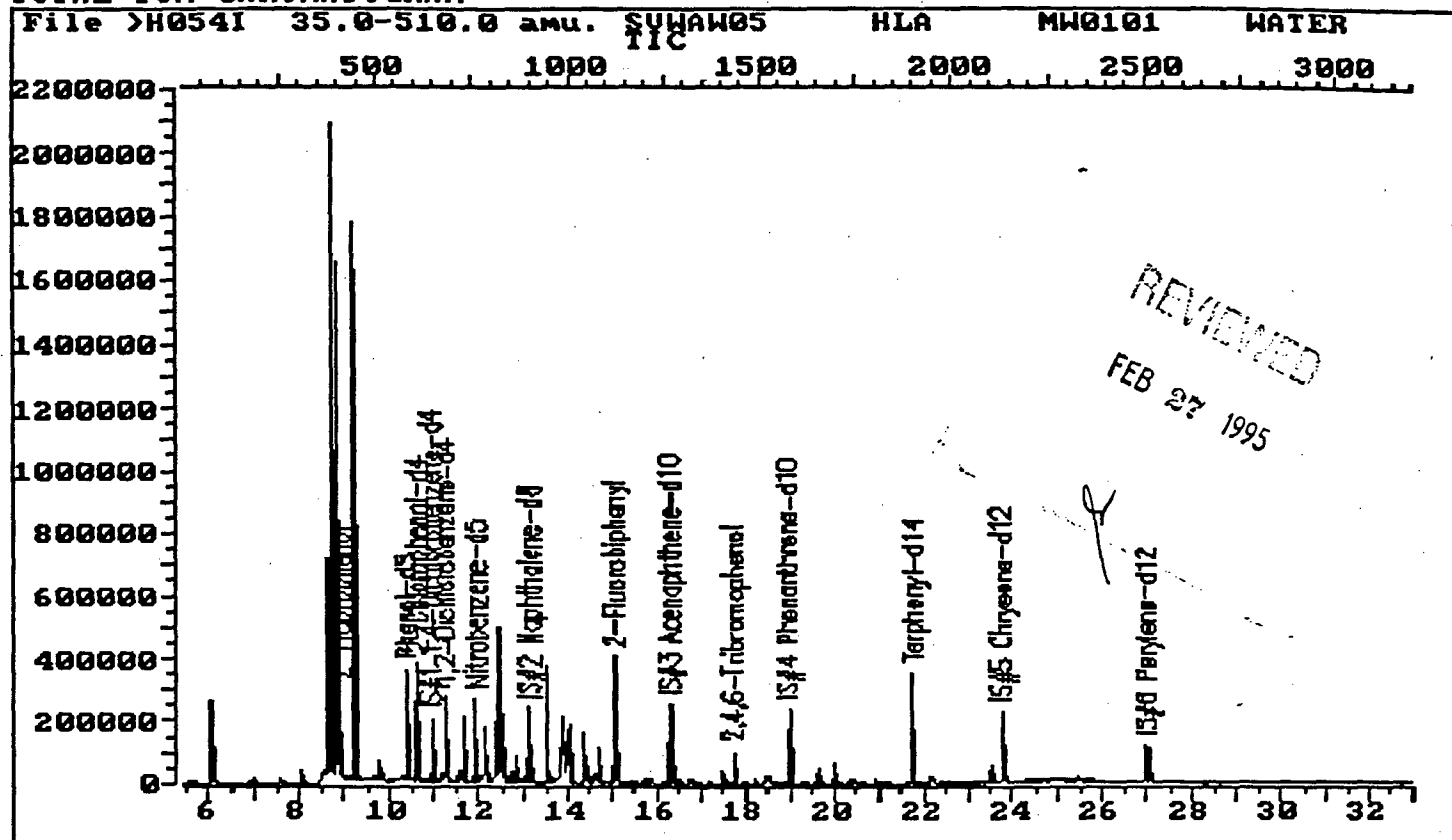
Concentration: 2.64 ppb

q-value: 88

300638

Data Subject To Validation

TOTAL ION CHROMATOGRAM



Data File: >H054I::D1

Quant Output File: ^H054I::BQ

Name: SVHAW05 HLA

Misc: MW0101 WATER

BATCH# 12422

INST H

BTL# 9

Id File: ID_SH::DB

Title: SEMIVOLATILES BY SW846-8270/EPA 625

Last Calibration: 950223 15:48

Operator ID: DAVID

Quant Time: 950223 20:35

Injected at: 950223 20:01

300639

Data Subject To Validation

QUANT REPORT

Operator ID: DAVID
Output File: ^H054I::BQ
Data File: >H054I::D1
Name: SVWAW05 HLA
Misc: MW0101 WATER

Quant Rev: 6 Quant Time: 950223 20:35
Injected at: 950223 20:01
Dilution Factor: 1.00000

BATCH# 12422

INST H

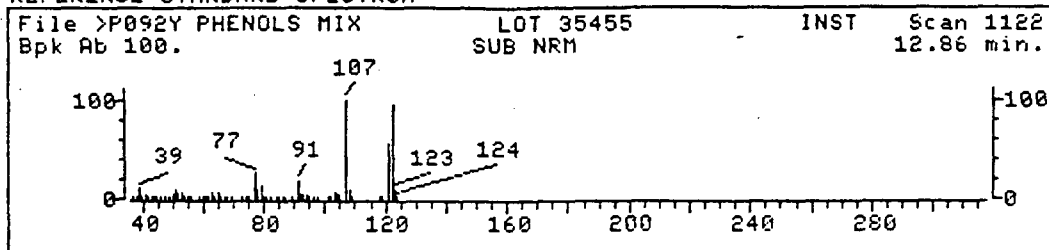
BTL# 9

ID File: ID SH::DB
Title: SEMI-VOLATILES BY SW846-8270/EPA 625
Last Calibration: 950223 15:48

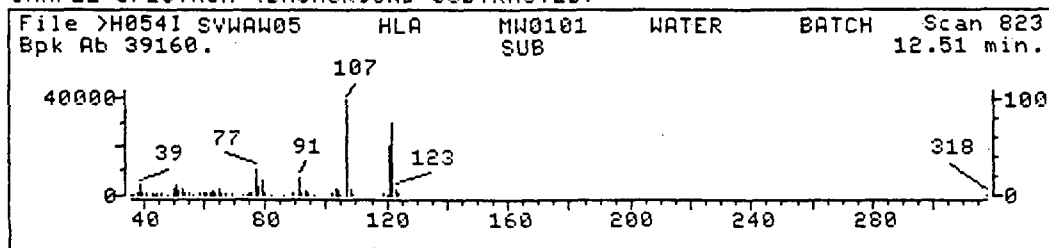
	Compound	R.T.	Scan#	Area	Conc	Units	q
1)	*IS#1 1,4-Dichlorobenzene-d4	10.92	639	50746	20.00	ppb	96
4)	Phenol-d5	10.37	575	206027	51.48	ppb	96
5)	2-Chlorophenol-d4	10.61	603	160627	55.26	ppb	89
6)	2-Fluorophenol	8.89	404	141493	43.99	ppb	71
13)	1,2-Dichlorobenzene-d4	11.25	677	66941	30.19	ppb	95
21)	*IS#2 Naphthalene-d8	13.13	895	177313	20.00	ppb	99
22)	Nitrobenzene-d5	11.92	755	142156	46.24	ppb	85
26)	2,4-Dimethylphenol	12.51	824	86695	39.47	ppb	86
29)	Benzoic acid	12.62	836	3835	2.78	ppb	88
36)	*IS#3 Acenaphthene-d10	16.28	1261	81983	20.00	ppb	90
40)	2-Fluorobiphenyl	15.03	1116	193177	36.78	ppb	94
57)	2,4,6-Tribromophenol	17.72	1427	17654	18.18	ppb	86
58)	*IS#4 Phenanthrene-d10	18.94	1569	125370	20.00	ppb	93
70)	*IS#5 Chrysene-d12	23.74	2126	113328	20.00	ppb	95
73)	Terphenyl-d14	21.75	1895	199682	42.69	ppb	98
77)	bis(2-Ethylhexyl)phthalate	23.53	2101	26395	4.15	ppb	90
79)	*IS#6 Perylene-d12	26.96	2499	119375	20.00	ppb	97

* Compound is ISTD

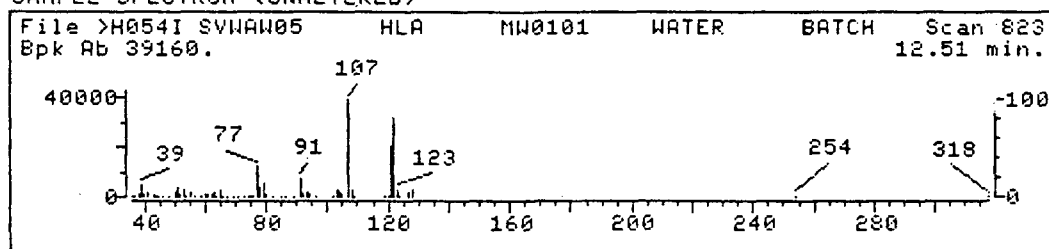
REFERENCE STANDARD SPECTRUM



SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)



SAMPLE SPECTRUM (UNALTERED)



Data File: >H054I::D1

Quant Output File: ^H054I::BQ

Name: SVWAW05 HLA

Misc: MW0101 WATER

BATCH# 12422

INST H

BTL# 9

Quant Time: 950223 20:35

Quant ID File: ID_SH::DB

Injected at: 950223 20:01

Last Calibration: 950223 15:48

Compound No: 26

Compound Name: 2,4-Dimethylphenol

Scan Number: 824

Retention Time: 12.51 min.

Quant Ion: 107.0

Area: 86695

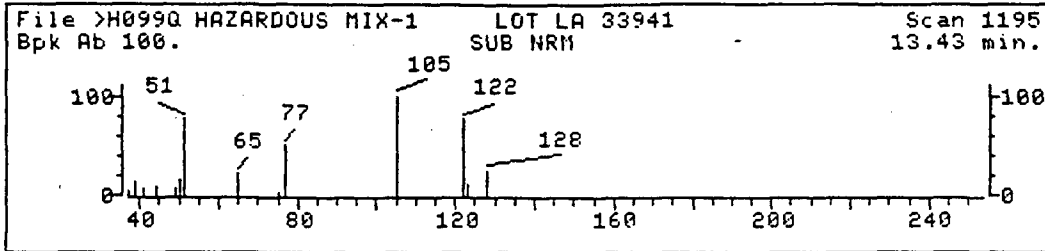
Concentration: 39.47 ppb

q-value: 86

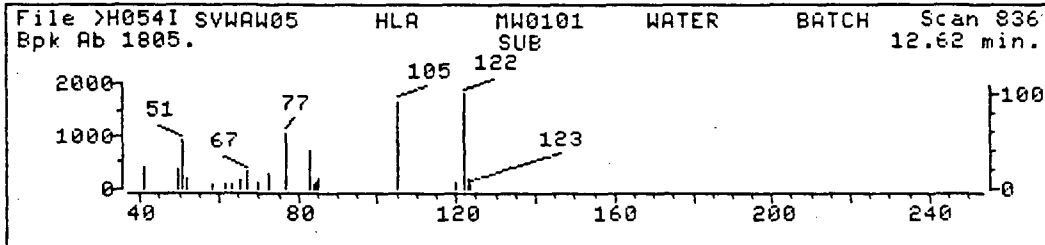
300641

Data Subject To Validation

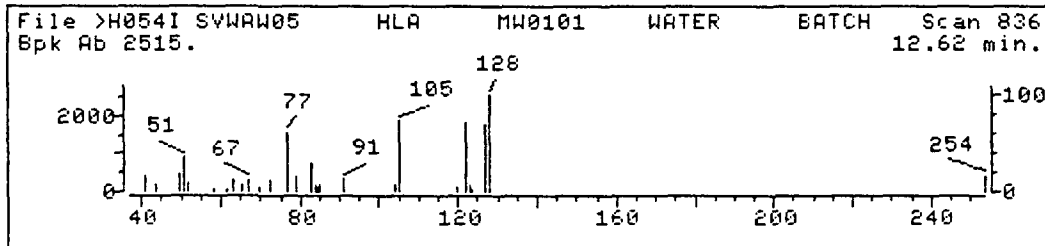
REFERENCE STANDARD SPECTRUM



SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)



SAMPLE SPECTRUM (UNALTERED)



Data File: >H054I::D1

Quant Output File: ^H054I::BQ

Name: SVWAW05 HLA

Misc: MW0101 WATER BATCH# 12422 INST H BTL# 9

Quant Time: 950223 20:35 Quant ID File: ID_SH::DB

Injected at: 950223 20:01 Last Calibration: 950223 15:48

Compound No: 29

Compound Name: Benzoic acid

Scan Number: 836

Retention Time: 12.62 min.

Quant Ion: 122.0

Area: 3835

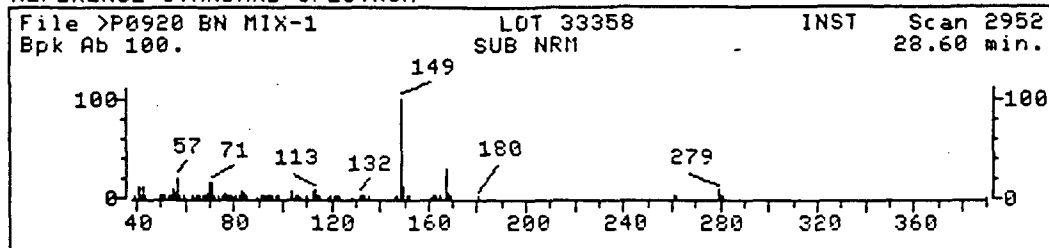
Concentration: 2.78 ppb

q-value: 88

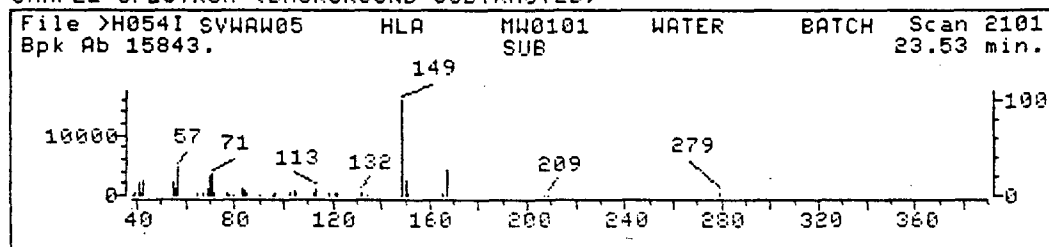
300642

Data Subject To Validation

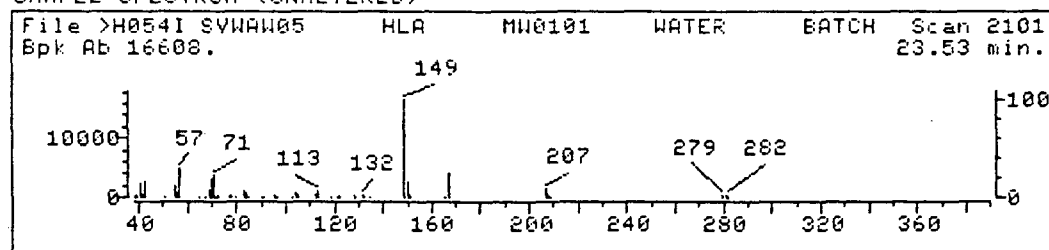
REFERENCE STANDARD SPECTRUM



SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)



SAMPLE SPECTRUM (UNALTERED)



Data File: >H0541::D1

Quant Output File: ^H0541::BQ

Name: SVWAW05 HLA

Misc: MW0101 WATER

BATCH# 12422

INST H

BTL# 9

Quant Time: 950223 20:35

Quant ID File: ID_SH::DB

Injected at: 950223 20:01

Last Calibration: 950223 15:48

Compound No: 77

Compound Name: bis(2-Ethylhexyl)phthalate

Scan Number: 2101

Retention Time: 23.53 min.

Quant Ion: 149.0

Area: 26395

Concentration: 4.15 ppb

q-value: 90

300643

Date Subject To Validation

GC/MS PERFORMANCE STANDARD

Decafluorotriphenylphosphine (DFTPP)

m/z	Ion Abundance Criteria	% Relative Abundance		Status
		Base Peak	Appropriate Peak	
51	30-60% of mass 198	37.42	37.42	Ok
68	Less than 2% of mass 69	.45	.83	Ok
69	(reference only)	53.54	53.54	Ok
70	Less than 2% of mass 69	.13	.24	Ok
127	40-60% of mass 198	41.83	41.83	Ok
197	Less than 1% of mass 198	.27	.27	Ok
198	Base peak, 100% relative abundance	100.00	100.00	Ok
199	5-9% of mass 198	7.27	7.27	Ok
275	10-30% of mass 198	24.98	24.98	Ok
365	Greater than 1% of mass 198	2.47	2.47	Ok
441	0-100% of mass 443	12.06	74.95	Ok
442	Greater than 40% of mass 198	74.45	74.45	Ok
443	17-23% of mass 442	16.09	21.62	Ok

Injection Date: 02/24/95

Injection Time: 10:34

Data File: >H055A

Scan: 372

FMGR : ,TUNDOC

300644

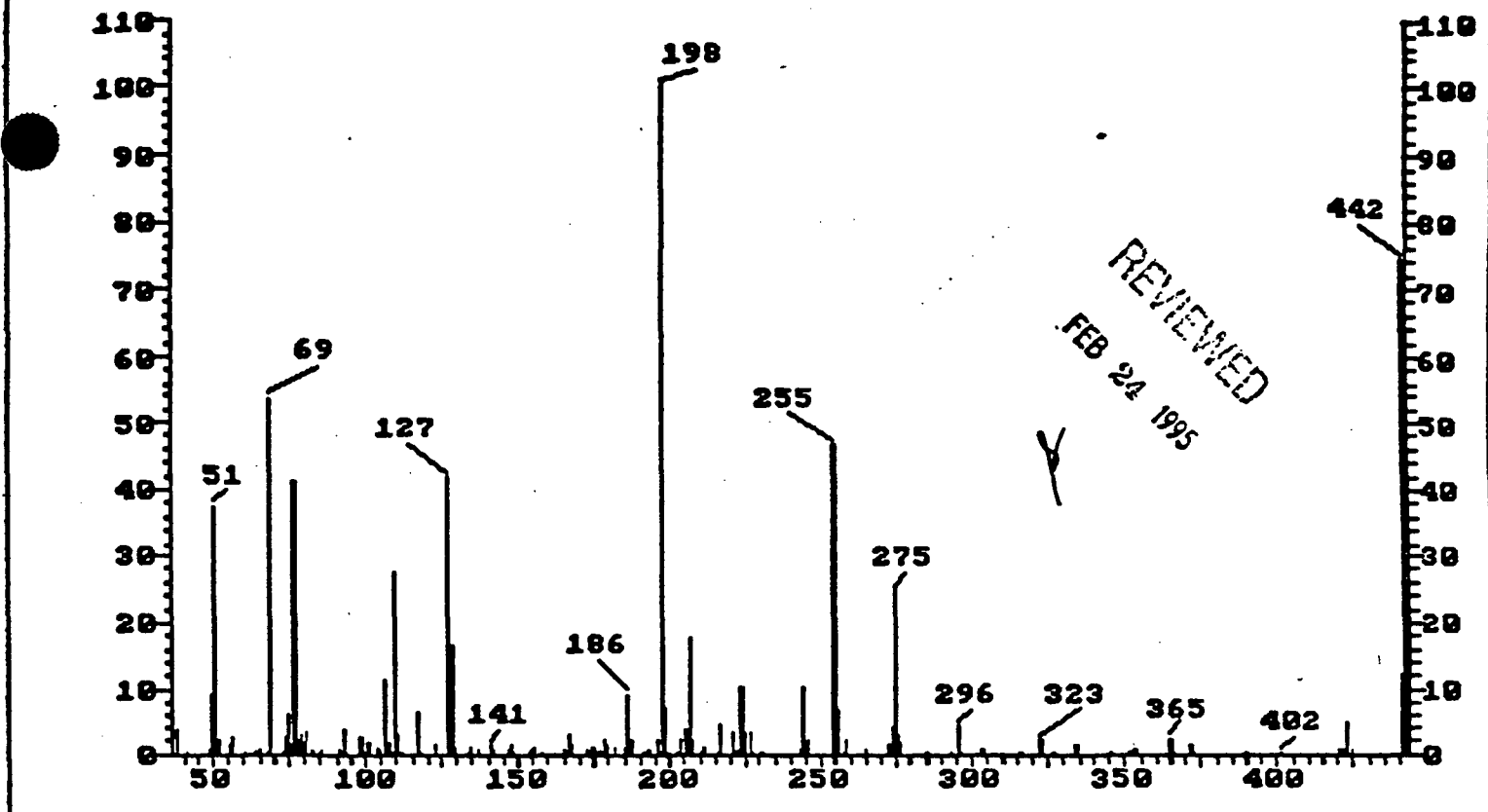
Data Subject To Validation

File >H055A 50ng DFTPP
Bpk Ab 100.

290-14-PERF
SUB NRM

INST H

Scan 372
7.16 min.



Data Filename: >H055A::D1

Name: 50ng DFTPP

Misc: 290-14-PERF

INST H

BTL# 1

Operator ID: DAVID SUPER GRP.

Analysis Date/Time : 2/24/95 10:34

300645

Data Subject To Validation

>H055A
372

50ng DFTPP
SUB NRM

290-14-PERF

INST H

File: >H055A Scan #: 372 Retn. time: 7.16

m/z	Int.	m/z	Int.	m/z	Int.	m/z	Int.	m/z	Int.
36.80	.646	93.00	3.687	151.75	.106	203.00	.473	277.05	1.799
37.80	.239	94.15	.272	154.00	.295	204.15	2.174	284.05	.176
38.05	.239	98.00	2.933	155.15	.732	205.15	3.775	285.20	.353
38.95	3.644	99.00	2.830	156.15	1.092	206.15	17.668	293.05	.371
40.95	.331	100.00	.394	157.90	.299	207.15	2.397	294.95	.079
43.95	.189	101.00	1.821	160.00	.207	208.00	.844	296.05	4.392
49.20	.619	104.00	1.083	165.15	.720	210.25	.470	297.05	.556
50.05	9.117	105.00	.675	166.00	.410	211.15	1.074	303.20	.765
51.05	37.421	105.90	.191	167.15	3.052	214.95	.083	304.20	.218
52.05	2.427	107.00	11.244	168.15	1.560	216.20	.270	316.05	.491
55.95	1.344	108.00	1.686	170.00	.126	216.95	4.527	323.05	2.125
56.95	2.830	109.00	.259	173.15	.786	221.05	3.534	327.05	.461
60.95	.563	110.00	27.618	174.15	.554	222.05	.448	328.05	.389
64.05	.353	111.00	3.181	175.15	1.110	222.95	.750	334.05	1.285
65.05	.651	111.90	.531	176.15	.279	224.05	10.118	346.20	.272
68.05	.446	112.15	.506	177.00	.783	225.05	3.469	352.05	.565
68.95	53.539	117.00	6.467	177.75	.293	227.05	3.431	353.05	.360
69.95	.131	117.90	.547	179.00	2.598	228.05	.428	354.00	.606
71.25	.117	123.00	1.531	180.15	1.360	231.05	.536	365.00	2.467
73.00	.506	127.00	41.833	181.15	1.229	243.05	.779	365.90	.443
74.00	2.888	128.15	2.715	184.00	.205	244.05	10.114	371.00	.050
75.00	6.296	129.00	16.570	185.00	1.096	245.05	1.686	372.15	1.436
76.00	1.470	130.00	1.101	186.15	9.304	245.95	2.202	373.15	.527
77.00	41.102	130.75	.115	187.00	2.087	255.05	46.659	389.90	.259
78.00	2.253	133.00	.106	191.00	.484	256.05	6.852	402.00	.367
78.90	3.070	134.00	.308	192.00	.558	257.05	.387	421.15	.716
80.00	1.821	135.00	1.141	193.15	.657	258.05	2.265	422.00	.644
81.00	3.323	137.25	.738	196.15	2.411	259.05	.108	423.15	4.727
83.00	.813	141.00	1.335	197.15	.275	265.05	.732	424.15	.853
85.00	.259	142.00	.651	198.00	100.000	273.05	1.292	441.15	12.063
85.90	.671	147.00	.797	199.00	7.273	274.05	4.000	442.15	74.448
87.90	.153	148.00	1.306	200.15	.536	275.05	24.977	443.15	16.095
91.00	.648	149.15	.484	201.65	.302	276.05	2.987	444.15	1.492
92.00	.549								

300646

Data Subject To Validation

QUANT REPORT

Operator ID: DAVID
 Output File: ^H055A::BQ
 Data File: >H055A::D1
 me: 50ng DFTPP
 asc: 290-14-PERF

Quant Rev: 6 Quant Time: 950224 11:25
 Injected at: 950224 10:34
 Dilution Factor: 1.00000

INST H

BTL# 1

ID File: ID_DFT::DB
 Title: DFTPP/BENZIDINE/PENTACHLOROPHENOL PERFORMANCE
 Last Calibration: 950224 11:24

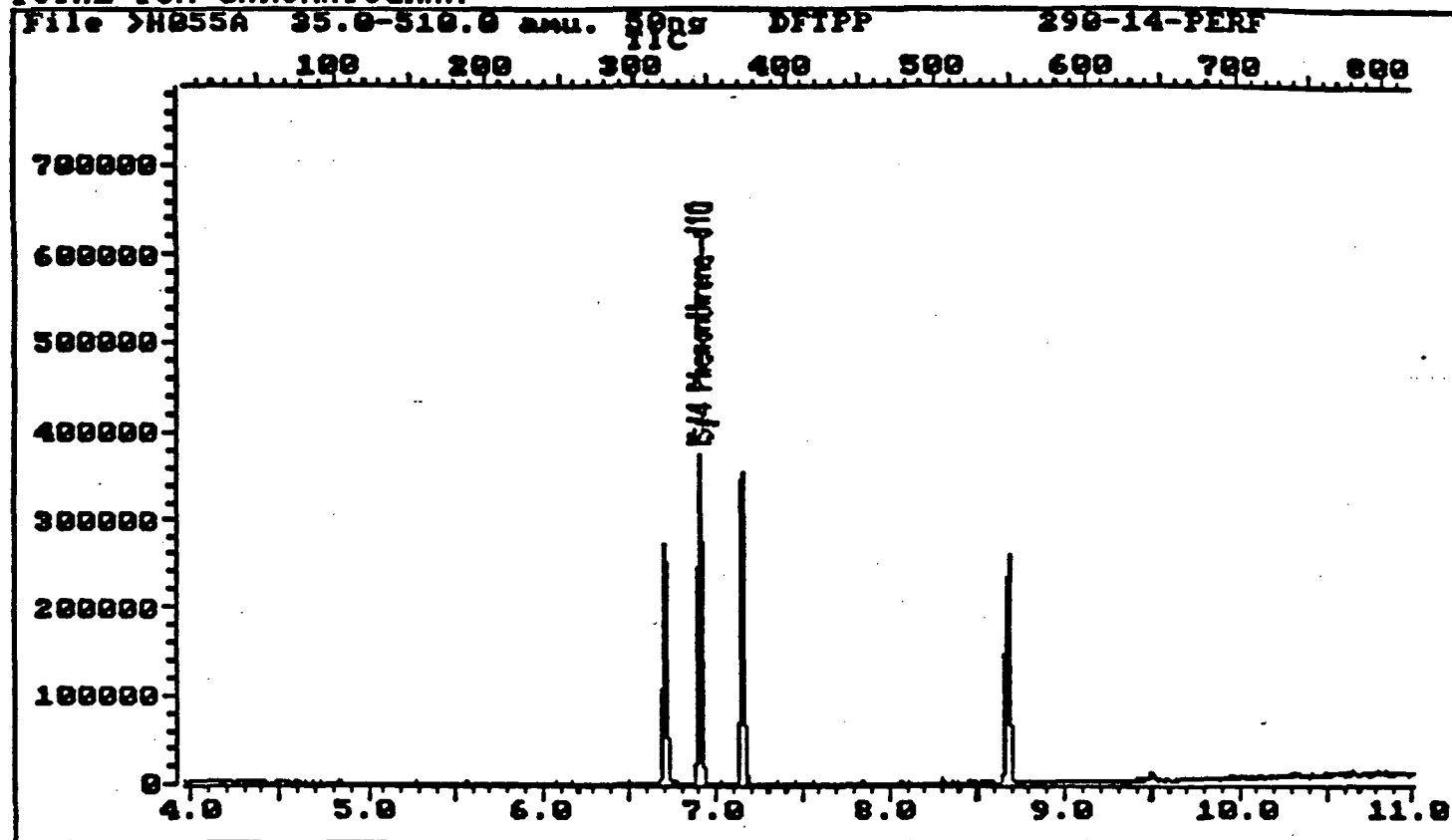
	Compound	R.T.	Q	ion	Area	Conc	Units	q
1)	*IS#4 Phenanthrene-d10	6.91	188.2		212523	20.00	ppb	86
2)	Pentachlorophenol	6.71	265.9		53277	25.00	ppb	99
3)	Benzidine	8.68	184.2		133255	25.00	ppb	97

* Compound is ISTD

300647

Data Subject To Validation

TOTAL ION CHROMATOGRAM



Data File: >H055A::D1

Quant Output File: ^H055A::BQ

Name: 50ng DFTPP

Misc: 290-14-PERF

INST H

BTL# 1

Id File: ID_DFT::DB

Title: DFTPP/BENZIDINE/PENTACHLOROPHENOL PERFORMANCE

Last Calibration: 950224 11:24

Operator ID: DAVID

Quant Time: 950224 11:25

Injected at: 950224 10:34

300648

Data Subject To Validation

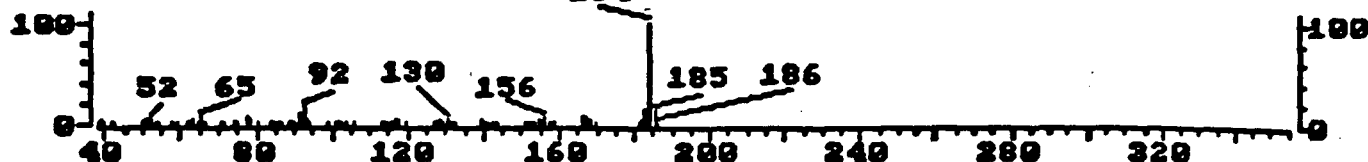
REFERENCE STANDARD SPECTRUM

File >H099P BENZIDINES SDT
Bpk Ab 100.

1028-21-BENZ-50
SUB NRM

INST

Scan 2538
24.97 min.



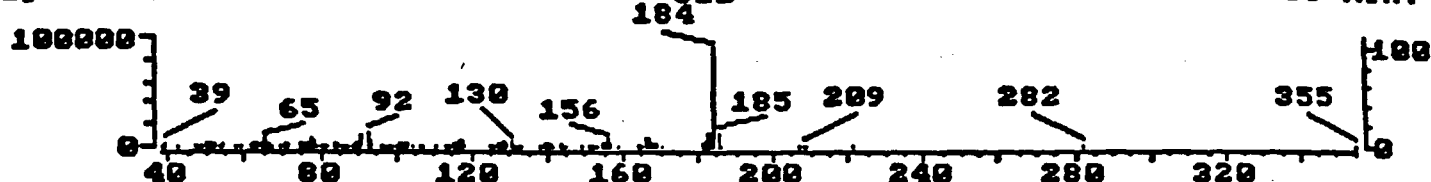
SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)

File >H055A 50ng DFTPP
Bpk Ab 92248.

290-14-PERF
SUB

INST

Scan 549
8.68 min.



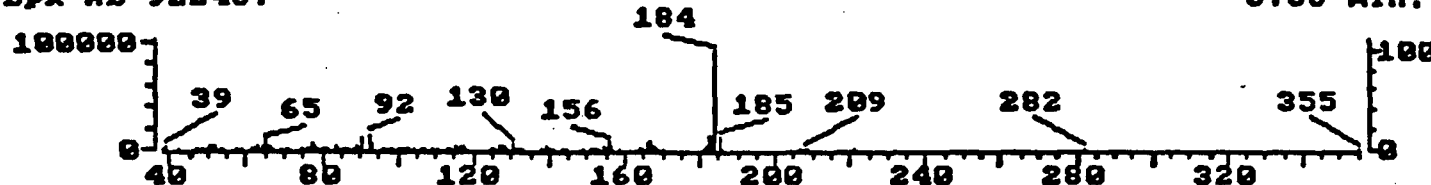
SAMPLE SPECTRUM (UNALTERED)

File >H055A 50ng DFTPP
Bpk Ab 92248.

290-14-PERF

INST

Scan 549
8.68 min.



Data File: >H055A::D1

Quant Output File: ^H055A::BQ

Name: 50ng DFTPP

Misc: 290-14-PERF

INST H

BTL# 1

Quant Time: 950224 11:25

Quant ID File: ID_DFT::DB

Injected at: 950224 10:34

Last Calibration: 950224 11:24

Compound No: 3

Compound Name: Benzidine

Scan Number: 549

Retention Time: 8.68 min.

Quant Ion: 184.2

Area: 133255

Concentration: 25.00 ppb

q-value: 97

300649

Data Subject To Validation

QUANT REPORT

Operator ID: DAVID
Output File: ^H055B::BQ
Data File: >H055B::D1
Name: SSTD050
Misc: 290-12-SV25

Quant Rev: 6 Quant Time: 950224 11:47
Injected at: 950224 10:59
Dilution Factor: 1.00000

INST H

BTL# 2

ID File: ID SH::DB
Title: SEMIVOLATILES BY SW846-8270/EPA 625
Last Calibration: 950224 11:45

	Compound	R.T.	Q ion	Area	Conc	Units	q
1)	*IS#1 1,4-Dichlorobenzene-d4	10.91	152.0	49355	20.00	ppb	96
2)	Pyridine	6.42	79.1	88077	25.00	ppb	85
3)	N-Nitrosodimethylamine	6.47	74.0	61551M	25.00	ppb	
4)	Phenol-d5	10.35	99.0	93564	25.00	ppb	94
5)	2-Chlorophenol-d4	10.60	132.0	75298	25.00	ppb	81
6)	2-Fluorophenol	8.88	112.0	79894	25.00	ppb	75
7)	Aniline	10.43	93.0	143486	25.00	ppb	99
8)	Phenol	10.38	94.0	105499	25.00	ppb	73
9)	2-Chlorophenol	10.62	128.0	78341	25.00	ppb	80
10)	bis(2-Chloroethyl)ether	10.50	93.0	94590	25.00	ppb	85
11)	1,3-Dichlorobenzene	10.85	146.0	84047	25.00	ppb	95
12)	1,4-Dichlorobenzene	10.93	146.0	86913	25.00	ppb	98
13)	1,2-Dichlorobenzene-d4	11.23	152.0	52229	25.00	ppb	93
14)	1,2-Dichlorobenzene	11.26	146.0	81476	25.00	ppb	97
15)	Benzyl alcohol	11.16	108.1	48127	25.00	ppb	92
16)	2,2'Oxybis-(1-chloropropane)	11.40	44.9	103553	25.00	ppb	82
17)	2-Methylphenol	11.35	108.0	70785	25.00	ppb	96
18)	N-Nitroso-di-n-propylamine	11.64	70.0	62956	25.00	ppb	71
19)	Hexachloroethane	11.78	117.0	36350	25.00	ppb	89
20)	4-Methylphenol	11.59	108.0	74346	25.00	ppb	99
21)	*IS#2 Naphthalene-d8	13.12	136.1	168605	20.00	ppb	98
22)	Nitrobenzene-d5	11.90	82.0	82279	25.00	ppb	82
23)	Nitrobenzene	11.93	77.0	83124	25.00	ppb	97
24)	Isophorone	12.30	82.2	173878	25.00	ppb	99
25)	2-Nitrophenol	12.47	139.0	33979	25.00	ppb	87
26)	2,4-Dimethylphenol	12.49	107.0	56265	25.00	ppb	86
27)	bis(2-Chloroethoxy)methane	12.66	93.1	123379	25.00	ppb	93
28)	2,4-Dichlorophenol	12.88	162.0	56502	25.00	ppb	81
29)	Benzoic acid	12.67	122.0	37197	25.00	ppb	92
30)	1,2,4-Trichlorobenzene	13.03	179.9	64622	25.00	ppb	99
31)	Naphthalene	13.16	128.1	204679	25.00	ppb	99
32)	4-Chloroaniline	13.26	127.0	88195	25.00	ppb	98
33)	Hexachlorobutadiene	13.42	224.8	34757	25.00	ppb	96
34)	4-Chloro-3-methylphenol	14.08	107.0	65891	25.00	ppb	80
35)	2-Methylnaphthalene	14.36	142.1	113030	25.00	ppb	95
36)	*IS#3 Acenaphthene-d10	16.27	164.2	76650	20.00	ppb	85
37)	Hexachlorocyclopentadiene	14.74	236.8	25982	25.00	ppb	89
38)	2,4,6-Trichlorophenol	14.89	196.0	36198	25.00	ppb	93
39)	2,4,5-Trichlorophenol	14.97	196.0	39154	25.00	ppb	98
40)	2-Fluorobiphenyl	15.02	172.1	125809	25.00	ppb	94
41)	2-Chloronaphthalene	15.24	162.0	113683	25.00	ppb	99
42)	2-Nitroaniline	15.46	65.0	41187	25.00	ppb	66
43)	Dimethylphthalate	15.77	163.1	141879	25.00	ppb	91

300651

Data Subject To Validation

	Compound	R.T.	Q ion	Area	Conc	Units	q
44)	2,6-Dinitrotoluene	15.94	165.0	26799	25.00	ppb	96
45)	Acanaphthylene	16.01	152.1	180088	25.00	ppb	97
46)	3-Nitroaniline	16.20	138.0	32928	25.00	ppb	96
47)	Acanaphthene	16.33	153.1	117872	25.00	ppb	94
48)	2,4-Dinitrophenol	16.39	184.1	8986M	25.00	ppb	
49)	Dibenzofuran	16.60	168.1	149017	25.00	ppb	99
50)	4-Nitrophenol	16.46	109.0	12100	25.00	ppb	74
51)	2,4-Dinitrotoluene	16.64	165.1	36832	25.00	ppb	91
52)	2,3,4,6-Tetrachlorophenol	16.89	232.0	37138	25.00	ppb	96
53)	Diethylphthalate	17.01	149.1	157260	25.00	ppb	93
54)	4-Chlorophenyl-phenylether	17.17	204.1	54223	25.00	ppb	79
55)	Fluorene	17.23	166.1	113695	25.00	ppb	91
56)	4-Nitroaniline	17.32	138.0	29532	25.00	ppb	90
57)	2,4,6-Tribromophenol	17.70	329.6	24941	25.00	ppb	86
58)	*IS#4 Phenanthrene-d10	18.93	188.2	111496	20.00	ppb	87
59)	1,2-Diphenylhydrazine	17.46	77.0	200812	25.00	ppb	90
60)	4,6-Dinitro-2-methylphenol	17.38	198.0	14833	25.00	ppb	91
61)	Diphenylamine	17.40	169.1	76853	25.00	ppb	85
62)	4-Bromophenyl-phenylether	18.05	248.0	36359	25.00	ppb	93
63)	Hexachlorobenzene	18.37	283.8	53012	25.00	ppb	92
64)	Pentachlorophenol	18.67	265.9	23368	25.00	ppb	95
65)	Carbazole	19.32	167.0	145196	25.00	ppb	94
66)	Phenanthrene	18.97	178.1	159298	25.00	ppb	97
67)	Anthracene	19.05	178.1	159510	25.00	ppb	95
68)	Fluoranthene	21.12	202.0	153520	25.00	ppb	96
69)	Di-n-butylphthalate	19.87	149.0	266715	25.00	ppb	98
70)	*IS#5 Chrysene-d12	23.72	240.2	98539	20.00	ppb	97
72)	Pyrene	21.55	202.0	159158	25.00	ppb	96
73)	Terphenyl-d14	21.72	244.2	105320	25.00	ppb	94
74)	Butylbenzylphthalate	22.56	149.1	104265	25.00	ppb	95
75)	3,3'-Dichlorobenzidine	23.59	252.2	53953	25.00	ppb	96
76)	Benzo(a)anthracene	23.69	228.0	138590	25.00	ppb	95
77)	bis(2-Ethylhexyl)phthalate	23.51	149.0	156178	25.00	ppb	88
78)	Chrysene	23.77	228.0	124454	25.00	ppb	91
79)	*IS#6 Perylene-d12	26.92	264.2	119849	20.00	ppb	96
80)	Di-n-octylphthalate	24.59	149.0	252290	25.00	ppb	96
81)	Benzo(b)fluoranthene	25.91	252.2	147770	25.00	ppb	97
82)	Benzo(k)fluoranthene	25.97	252.2	139551	25.00	ppb	90
83)	Benzo(a)pyrene	26.77	252.0	135406	25.00	ppb	94
84)	Indeno(1,2,3-cd)pyrene	30.39	276.2	170937	25.00	ppb	91
85)	Dibenz(a,h)anthracene	30.35	278.1	132349	25.00	ppb	87
86)	Benzo(g,h,i)perylene	31.45	276.0	135848M	25.00	ppb	

* Compound is ISTD

300652

Data Subject To Validation

QUANT REPORT

Operator ID: DAVID
 Output File: ^H055B::BQ
 Data File: >H055B::D1
 Name: SSTD050
 Misc: 290-12-SV25

Quant Rev: 6 Quant Time: 950224 11:47
 Injected at: 950224 10:59
 Dilution Factor: 1.00000

INST H

BTL# 2

ID File: ID SH::DB
 Title: SEMIVOLATILES BY SW846-8270/EPA 625
 Last Calibration: 950224 11:45

	Compound	R.T.	Scan#	Area	Conc	Units	q
1)	*IS#1 1,4-Dichlorobenzene-d4	10.91	639	49355	20.00	ppb	96
2)	Pyridine	6.42	118	88077	25.00	ppb	85
3)	N-Nitrosodimethylamine	6.47	123	61551M	25.00	ppb	
4)	Phenol-d5	10.35	575	93564	25.00	ppb	94
5)	2-Chlorophenol-d4	10.60	603	75298	25.00	ppb	81
6)	2-Fluorophenol	8.88	403	79894	25.00	ppb	75
7)	Aniline	10.43	584	143486	25.00	ppb	99
8)	Phenol	10.38	578	105499	25.00	ppb	73
9)	2-Chlorophenol	10.62	606	78341	25.00	ppb	80
10)	bis(2-Chloroethyl)ether	10.50	592	94590	25.00	ppb	85
11)	1,3-Dichlorobenzene	10.85	632	84047	25.00	ppb	95
12)	1,4-Dichlorobenzene	10.93	642	86913	25.00	ppb	98
13)	1,2-Dichlorobenzene-d4	11.23	677	52229	25.00	ppb	93
14)	1,2-Dichlorobenzene	11.26	680	81476	25.00	ppb	97
15)	Benzyl alcohol	11.16	668	48127	25.00	ppb	92
16)	2,2'Oxybis-(1-chloropropane)	11.40	696	103553	25.00	ppb	82
17)	2-Methylphenol	11.35	691	70785	25.00	ppb	96
18)	N-Nitroso-di-n-propylamine	11.64	724	62956	25.00	ppb	71
19)	Hexachloroethane	11.78	740	36350	25.00	ppb	89
20)	4-Methylphenol	11.59	718	74346	25.00	ppb	99
21)	*IS#2 Naphthalene-d8	13.12	896	168605	20.00	ppb	98
22)	Nitrobenzene-d5	11.90	754	82279	25.00	ppb	82
23)	Nitrobenzene	11.93	758	83124	25.00	ppb	97
24)	Isophorone	12.30	801	173878	25.00	ppb	99
25)	2-Nitrophenol	12.47	821	33979	25.00	ppb	87
26)	2,4-Dimethylphenol	12.49	823	56265	25.00	ppb	86
27)	bis(2-Chloroethoxy)methane	12.66	842	123379	25.00	ppb	93
28)	2,4-Dichlorophenol	12.88	868	56502	25.00	ppb	81
29)	Benzoic acid	12.67	844	37197	25.00	ppb	92
30)	1,2,4-Trichlorobenzene	13.03	886	64622	25.00	ppb	99
31)	Naphthalene	13.16	900	204679	25.00	ppb	99
32)	4-Chloroaniline	13.26	912	88195	25.00	ppb	98
33)	Hexachlorobutadiene	13.42	931	34757	25.00	ppb	96
34)	4-Chloro-3-methylphenol	14.08	1007	65891	25.00	ppb	80
35)	2-Methylnaphthalene	14.36	1040	113030	25.00	ppb	95
36)	*IS#3 Acenaphthene-d10	16.27	1262	76650	20.00	ppb	85
37)	Hexachlorocyclopentadiene	14.74	1084	25982	25.00	ppb	89
38)	2,4,6-Trichlorophenol	14.89	1102	36198	25.00	ppb	93
39)	2,4,5-Trichlorophenol	14.97	1111	39154	25.00	ppb	98
40)	2-Fluorobiphenyl	15.07	1116	125809	25.00	ppb	94
41)	2-Chloronaphthalene	15.24	1142	113683	25.00	ppb	99
42)	2-Nitroaniline	15.46	1168	41187	25.00	ppb	66
43)	Dimethylphthalate	15.77	1204	141879	25.00	ppb	91

Data Subject To Validation

300653

	Compound	R.T.	Scan#	Area	Conc	Units	q
44)	2,6-Dinitrotoluene	15.94	1223	26799	25.00	ppb	96
45)	Acenaphthylene	16.01	1231	180088	25.00	ppb	97
46)	3-Nitroaniline	16.20	1254	32928	25.00	ppb	96
47)	Acenaphthene	16.33	1269	117872	25.00	ppb	94
48)	2,4-Dinitrophenol	16.39	1275	8986M	25.00	ppb	
49)	Dibenzofuran	16.60	1300	149017	25.00	ppb	99
50)	4-Nitrophenol	16.46	1284	12100	25.00	ppb	74
51)	2,4-Dinitrotoluene	16.64	1305	36832	25.00	ppb	91
52)	2,3,4,6-Tetrachlorophenol	16.89	1334	37138	25.00	ppb	96
53)	Diethylphthalate	17.01	1347	157260	25.00	ppb	93
54)	4-Chlorophenyl-phenylether	17.17	1366	54223	25.00	ppb	79
55)	Fluorene	17.23	1373	113695	25.00	ppb	91
56)	4-Nitroaniline	17.32	1383	29532	25.00	ppb	90
57)	2,4,6-Tribromophenol	17.70	1428	24941	25.00	ppb	86
58)	*IS#4 Phenanthrene-d10	18.93	1570	111496	20.00	ppb	87
59)	1,2-Diphenylhydrazine	17.46	1400	200812	25.00	ppb	90
60)	4,6-Dinitro-2-methylphenol	17.38	1390	14833	25.00	ppb	91
61)	Diphenylamine	17.40	1393	76853	25.00	ppb	85
62)	4-Bromophenyl-phenylether	18.05	1468	36359	25.00	ppb	93
63)	Hexachlorobenzene	18.37	1505	53012	25.00	ppb	92
64)	Pentachlorophenol	18.67	1540	23368	25.00	ppb	95
65)	Carbazole	19.32	1616	145196	25.00	ppb	94
66)	Phenanthrene	18.97	1575	159298	25.00	ppb	97
67)	Anthracene	19.05	1584	159510	25.00	ppb	95
68)	Fluoranthene	21.12	1825	153520	25.00	ppb	96
69)	Di-n-butylphthalate	19.87	1679	266715	25.00	ppb	98
70)	*IS#5 Chrysene-d12	23.72	2127	98539	20.00	ppb	97
71)	Pyrene	21.55	1875	159158	25.00	ppb	96
72)	Terphenyl-d14	21.72	1895	105320	25.00	ppb	94
73)	Butylbenzylphthalate	22.56	1992	104265	25.00	ppb	95
74)	3,3'-Dichlorobenzidine	23.59	2112	53953	25.00	ppb	96
75)	Benzo(a)anthracene	23.69	2123	138590	25.00	ppb	95
76)	bis(2-Ethylhexyl)phthalate	23.51	2102	156178	25.00	ppb	88
77)	Chrysene	23.77	2132	124454	25.00	ppb	91
78)	*IS#6 Perylene-d12	26.92	2497	119849	20.00	ppb	96
79)	Di-n-octylphthalate	24.59	2228	252290	25.00	ppb	96
80)	Benzo(b)fluoranthene	25.91	2381	147770	25.00	ppb	97
81)	Benzo(k)fluoranthene	25.97	2388	139551	25.00	ppb	90
82)	Benzo(a)pyrene	26.77	2480	135406	25.00	ppb	94
83)	Indeno(1,2,3-cd)pyrene	30.39	2899	170937	25.00	ppb	91
84)	Dibenz(a,h)anthracene	30.35	2895	132349	25.00	ppb	87
85)	Benzo(g,h,i)perylene	31.45	3022	135848M	25.00	ppb	

* Compound is ISTD

300654

Data Subject To Validation

**Continuing Calibration Check
MSL Compounds**

Case No: Calibration Date: 02/24/95

Contractor: PACE Time: 10:59

Contract No: Laboratory ID: >H0558

Instrument ID: 5988-M Initial Calibration Date: 02/02/95

Minimum RF for SPCC is 0.05 Maximum % Diff for CCC is 30%

Compound	RF	RF	2Diff	CCC	SPCC
Pyridine	1.01438	1.42765	40.74		
N-Nitrosodimethylamine	.66304	.99769	50.47		
Phenol-d5	1.48923	1.51659	1.84		
2-Chlorophenol-d4	1.19953	1.22051	1.75		
2-Fluorophenol	1.12896	1.29501	14.71		
Aniline	2.24426	2.32578	3.63		
Phenol	1.62092	1.71004	5.50	*	
2-Chlorophenol	1.21281	1.26984	4.70		
bis(2-Chloroethyl)ether	1.39292	1.53322	10.07		
1,3-Dichlorobenzene	1.31130	1.36233	3.89		
1,4-Dichlorobenzene	1.34158	1.40878	5.01	*	
1,2-Dichlorobenzene-d4	.80913	.84658	4.63		
1,2-Dichlorobenzene	1.23820	1.32065	6.66		
Benzyl alcohol	.73778	.78010	5.74		
2,2'Oxybis-(1-chloropropane)	1.37092	1.67850	22.44		
2-Methylphenol	1.05586	1.14736	8.67		
-Nitroso-di-n-propylamine	.91209	1.02046	11.88		**
Hexachloroethane	.58790	.58920	.22		
4-Methylphenol	1.10887	1.20508	8.68		
Nitrobenzene-d5	.41102	.39040	5.02		
Nitrobenzene	.40829	.39441	3.40		
Isophorone	.80030	.82502	3.09		
2-Nitrophenol	.17343	.16122	7.04	*	
2,4-Dimethylphenol	.27375	.26697	2.48		
bis(2-Chloroethoxy)methane	.49769	.58541	17.63		
2,4-Dichlorophenol	.26488	.26809	1.21	*	
Benzoic acid	.17640	.17649	.06		
1,2,4-Trichlorobenzene	.29482	.30662	4.00		
Naphthalene	.90341	.97116	7.50		
4-Chloroaniline	.41357	.41847	1.19		
Hexachlorobutadiene	.16955	.16492	2.73	*	
4-Chloro-3-methylphenol	.28719	.31264	8.86	*	

RF - Response Factor from daily standard file at 25.00 PPB

RF - Average Response Factor from Initial Calibration Form VI

2Diff - % Difference from original average or curve

CCC - Calibration Check Compounds (*) SPCC - System Performance Check Compounds (**)

300655

Continuing Calibration Check
MSL Compounds

Case No: Calibration Date: 02/24/95
 Contractor: PACE Time: 10:59
 Contract No: Laboratory ID: >H0558
 Instrument ID: 5908-M Initial Calibration Date: 02/02/95

Minimum RF for SPCC is 0.05 Maximum % Diff for CCC is 30%

Compound	RF	RF	%Diff	CCC	SPCC
2-Methylnaphthalene	.55293	.53631	3.01		
Hexachlorocyclopentadiene	.32670	.27118	17.00	**	
2,4,6-Trichlorophenol	.38270	.37780	1.28	*	
2,4,5-Trichlorophenol	.41683	.40865	1.96		
2-Fluorobiphenyl	1.25887	1.31308	4.31		
2-Chloronaphthalene	1.08947	1.18652	8.91		
2-Nitroaniline	.42902	.42987	.20		
Dimethylphthalate	1.38792	1.48080	6.69		
2,6-Dinitrotoluene	.31656	.27970	11.64		
Acenaphthylene	1.80475	1.87959	4.15		
3-Nitroaniline	.36172	.34367	4.99		
Acenaphthene	1.12923	1.23024	8.94	*	
2,4-Dinitrophenol	.15628	.09379	39.99	**	
Dibenzofuran	1.48924	1.55530	4.44		
4-Nitrophenol	.17060	.12629	25.97	**	
2,4-Dinitrotoluene	.39411	.38442	2.46		
2,3,4,6-Tetrachlorophenol	.37045	.38761	4.63		
Diethylphthalate	1.46478	1.64133	12.05		
4-Chlorophenyl-phenylether	.54579	.56593	3.69		
Fluorene	1.11196	1.18664	6.72		
4-Nitroaniline	.32391	.30823	4.84		
2,4,6-Tribromophenol	.22662	.26031	14.86		
1,2-Diphenylhydrazine	1.30901	1.44086	10.07		
4,6-Dinitro-2-methylphenol	.15078	.10643	29.42		
Diphenylamine	.52841	.55143	4.36	*	
4-Bromophenyl-phenylether	.23966	.26088	8.85		
Hexachlorobenzene	.31426	.38037	21.04		
Pentachlorophenol	.18396	.16767	8.86	*	
Carbazole	1.00492	1.04180	3.67		
Phenanthrene	1.10125	1.14299	3.79		
Anthracene	1.11046	1.14451	3.07		
Fluoranthene	1.17351	1.10153	6.13	*	

RF - Response Factor from daily standard file at 25.00 PPB

RF - Average Response Factor from Initial Calibration Form VI

%Diff - % Difference from original average or curve

CCC - Calibration Check Compounds (*) SPCC - System Performance Check Compounds (**)

**Continuing Calibration Check
MSL Compounds**

Case No: Calibration Date: 02/24/95
 Contractor: PACE Time: 10:59
 Contract No: Laboratory ID: >M055B
 Instrument ID: 5988-M Initial Calibration Date: 02/02/95

Minimum RF for SPCC is 0.05 Maximum % Diff for CCC is 30%

Compound	RF	RF	%Diff	CCC	SPCC
Di-n-butylphthalate	1.67332	1.91372	14.37		
Pyrene	1.28356	1.29214	.67		
Terphenyl-d14	.81891	.85505	4.41		
Butylbenzylphthalate	.76622	.84649	10.48		
3,3'-Dichlorobenzidine	.39300	.43802	11.46		
Benzo(a)anthracene	1.08622	1.12516	3.58		
bis(2-Ethylhexyl)phthalate	1.08571	1.26795	16.79		
Chrysene	1.01148	1.01039	.11		
Di-n-octylphthalate	1.62082	1.68405	3.90	*	
Benzo(b)fluoranthene	1.05431	.98637	6.44		
Benzo(k)fluoranthene	.92652	.93151	.54		
Benzo(a)pyrene	.90934	.90384	.60	*	
Indeno(1,2,3-cd)pyrene	1.04677	1.14102	9.00		
Dibenz(a,h)anthracene	.81469	.88344	8.44		
Benzo(g,h,i)perylene	.88047	.90679	2.99		

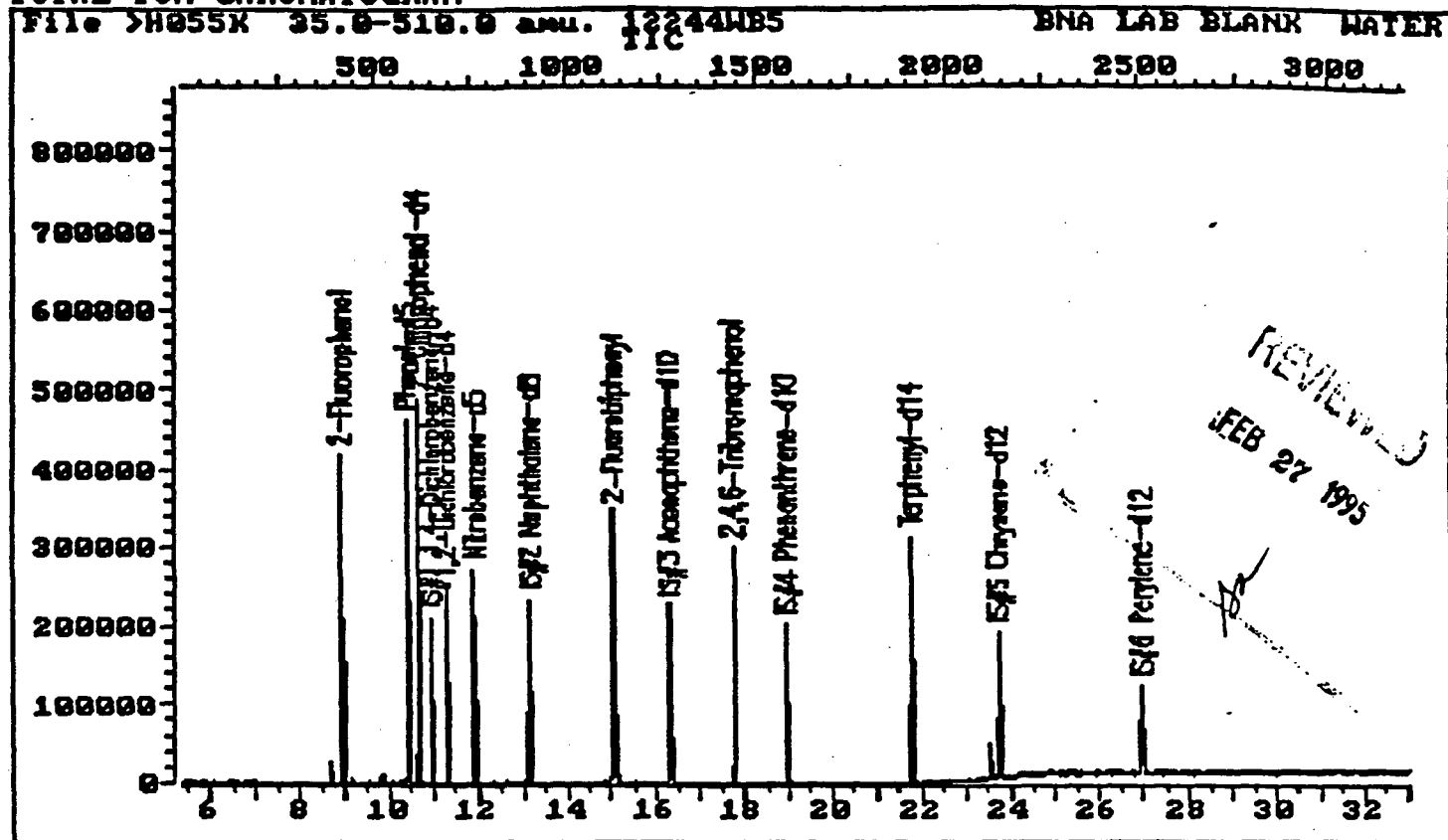
RF - Response Factor from daily standard file at 25.00 PPB

RF - Average Response Factor from Initial Calibration Form VI

%Diff - % Difference from original average or curve

CCC - Calibration Check Compounds (*) SPCC - System Performance Check Compounds (**)

TOTAL ION CHROMATOGRAM



Data File: >H055K::D1

Quant Output File: ^H055K::BQ

Name: 12244WB5

Misc: BNA LAB BLANK WATER BATCH # 12244 INST H

BTL# 9

Id File: ID_SH::DB

Title: SEMI-VOLATILES BY SW846-8270/EPA 625

Last Calibration: 950224 11:45

Operator ID: DAVID

Quant Time: 950224 19:01

Injected at: 950224 18:27

300658

Data Subject To Validation

QUANT REPORT

Operator ID: DAVID
Output File: ^H055K::BQ
Data File: >H055K::D1
Name: 12244WB5

Quant Rev: 6 Quant Time: 950224 19:01
Injected at: 950224 18:27
Dilution Factor: 1.00000

Misc: BNA LAB BLANK WATER BATCH # 12244 INST H

BTL# 9

ID File: ID_SH::DB

Title: SEMIVOLATILES BY SW846-8270/EPA 625

Last Calibration: 950224 11:45

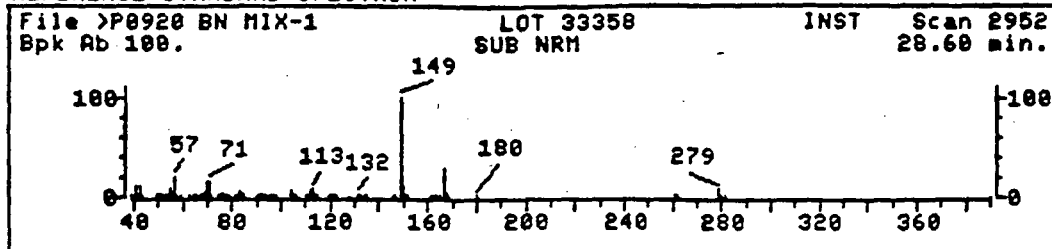
	Compound	R.T.	Scan#	Area	Conc	Units	q
1)	*IS#1 1,4-Dichlorobenzene-d4	10.93	648	49108	20.00	ppb	95
4)	Phenol-d5	10.38	585	262128	70.39	ppb	98
5)	2-Chlorophenol-d4	10.62	612	208120	69.45	ppb	85
6)	2-Fluorophenol	8.90	412	196707	61.86	ppb	77
13)	1,2-Dichlorobenzene-d4	11.25	686	62936	30.28	ppb	91
21)	*IS#2 Naphthalene-d8	13.14	905	166618	20.00	ppb	98
22)	Nitrobenzene-d5	11.92	763	142177	43.71	ppb	88
36)	*IS#3 Acenaphthene-d10	16.29	1272	78171	20.00	ppb	89
40)	2-Fluorobiphenyl	15.03	1125	178479	34.78	ppb	94
57)	2,4,6-Tribromophenol	17.72	1438	70450	69.24	ppb	89
58)	*IS#4 Phenanthrene-d10	18.94	1580	110602	20.00	ppb	85
70)	*IS#5 Chrysene-d12	23.74	2137	99731	20.00	ppb	96
73)	Terphenyl-d14	21.75	1906	168690	39.56	ppb	99
77)	bis(2-Ethylhexyl)phthalate	23.53	2113	23040	3.64	ppb	81
79)	*IS#6 Perylene-d12	26.94	2508	118930	20.00	ppb	92

* Compound is ISTD

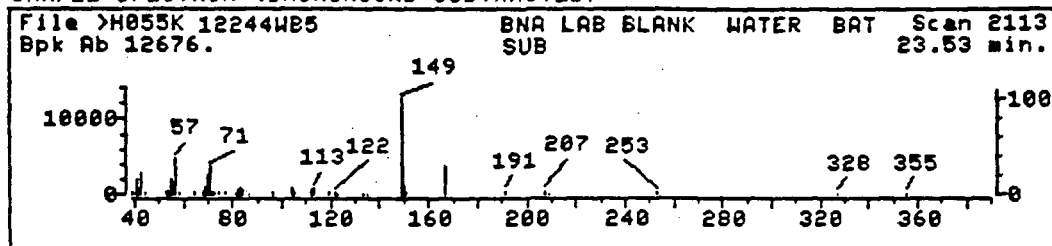
300659

Data Subject To Validation

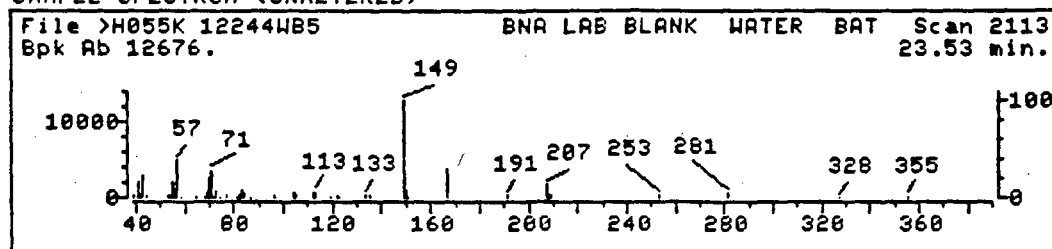
REFERENCE STANDARD SPECTRUM



SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)



SAMPLE SPECTRUM (UNALTERED)



Data File: >H055K::D1

Quant Output File: ^H055K::BQ

Name: 12244WB5

Misc: BNA LAB BLANK WATER BATCH # 12244 INST H

BTL# 9

Quant Time: 950224 19:01

Quant ID File: ID_SH::DB

Injected at: 950224 18:27

Last Calibration: 950224 11:45

Compound No: 77

Compound Name: bis(2-Ethylhexyl)phthalate

Scan Number: 2113

Retention Time: 23.53 min.

Quant Ion: 149.0

Area: 23040

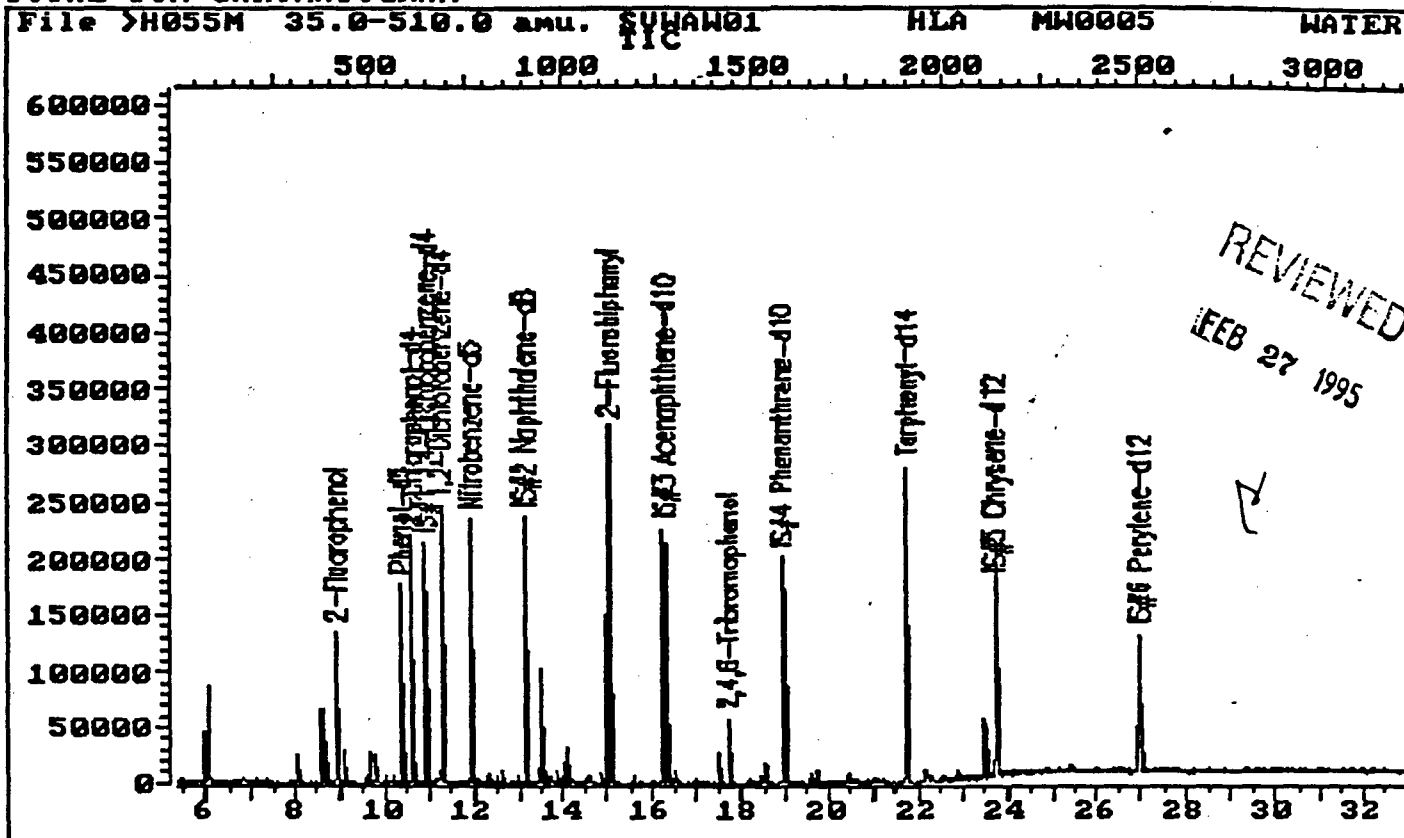
Concentration: 3.64 ppb

q-value: 81

300660

Data Subject To Validation

TOTAL ION CHROMATOGRAM



Data File: >H055M::D2

Quant Output File: ^H055M::BQ

Name: SVWAW01

HLA

Misc: MW0005

WATER BATCH # 12244 INST H

BTL#11

Id File: ID_SH::DB

Title: SEMI-VOLATILES BY SW846-8270/EPA 625

Last Calibration: 950224 11:45

Operator ID: DAVID

Quant Time: 950224 20:28

Injected at: 950224 19:54

300661

Data Subject To Validation

QUANT REPORT

Operator ID: DAVID
Output File: ^H055M::BQ
Data File: >H055M::D2
Name: SVWAW01 HLA
Misc: MW0005

Quant Rev: 6 Quant Time: 950224 20:28
Injected at: 950224 19:54
Dilution Factor: 1.00000

WATER BATCH # 12244 INST H BTL#11

ID File: ID_SH::DB
Title: SEMIVOLATILES BY SW846-8270/EPA 625
Last Calibration: 950224 11:45

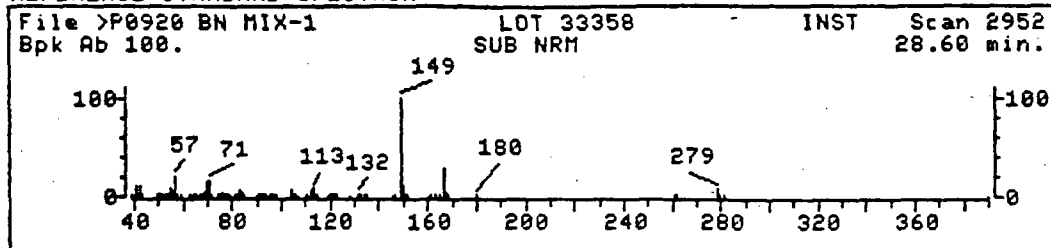
	Compound	R.T.	Scan#	Area	Conc	Units	q
1)	*IS#1 1,4-Dichlorobenzene-d4	10.91	644	49502	20.00	ppb	96
4)	Phenol-d5	10.36	580	101563	27.06	ppb	98
5)	2-Chlorophenol-d4	10.60	608	92201	30.52	ppb	86
6)	2-Fluorophenol	8.89	409	64167	20.02	ppb	69
13)	1,2-Dichlorobenzene-d4	11.24	682	58735	28.03	ppb	96
21)	*IS#2 Naphthalene-d8	13.12	901	163628	20.00	ppb	98
22)	Nitrobenzene-d5	11.90	759	130828	40.96	ppb	84
36)	*IS#3 Acenaphthene-d10	16.27	1267	73484	20.00	ppb	82
40)	2-Fluorobiphenyl	15.02	1121	160848	33.34	ppb	91
57)	2,4,6-Tribromophenol	17.70	1433	13929	14.56	ppb	95
58)	*IS#4 Phenanthrene-d10	18.92	1575	106328	20.00	ppb	93
70)	*IS#5 Chrysene-d12	23.71	2131	103198	20.00	ppb	96
73)	Terphenyl-d14	21.73	1901	142005	32.19	ppb	94
77)	bis(2-Ethylhexyl)phthalate	23.51	2107	26388	4.03	ppb	85
79)	*IS#6 Perylene-d12	26.92	2503	122291	20.00	ppb	97

* Compound is ISTD

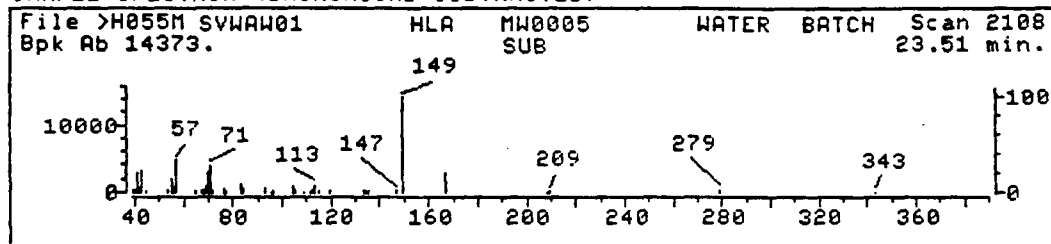
300662

Data Subject To Validation

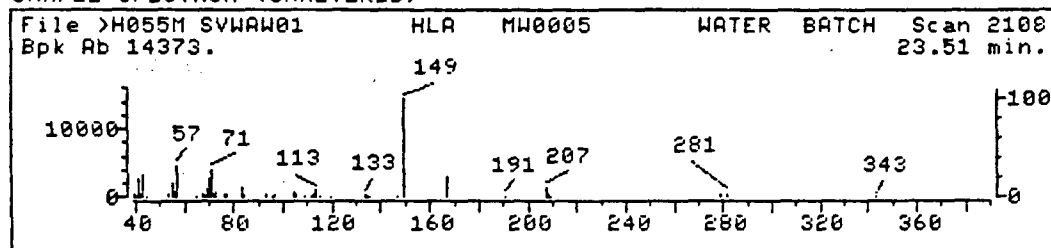
REFERENCE STANDARD SPECTRUM



SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)



SAMPLE SPECTRUM (UNALTERED)



Data File: >H055M::D2

Quant Output File: ^H055M::BQ

Name: SVWAW01 HLA

Misc: MW0005 WATER BATCH # 12244 INST H BTL#11

Quant Time: 950224 20:28 Quant ID File: ID_SH::DB

Injected at: 950224 19:54 Last Calibration: 950224 11:45

Compound No: 77

Compound Name: bis(2-Ethylhexyl)phthalate

Scan Number: 2107

Retention Time: 23.51 min.

Quant Ion: 149.0

Area: 26388

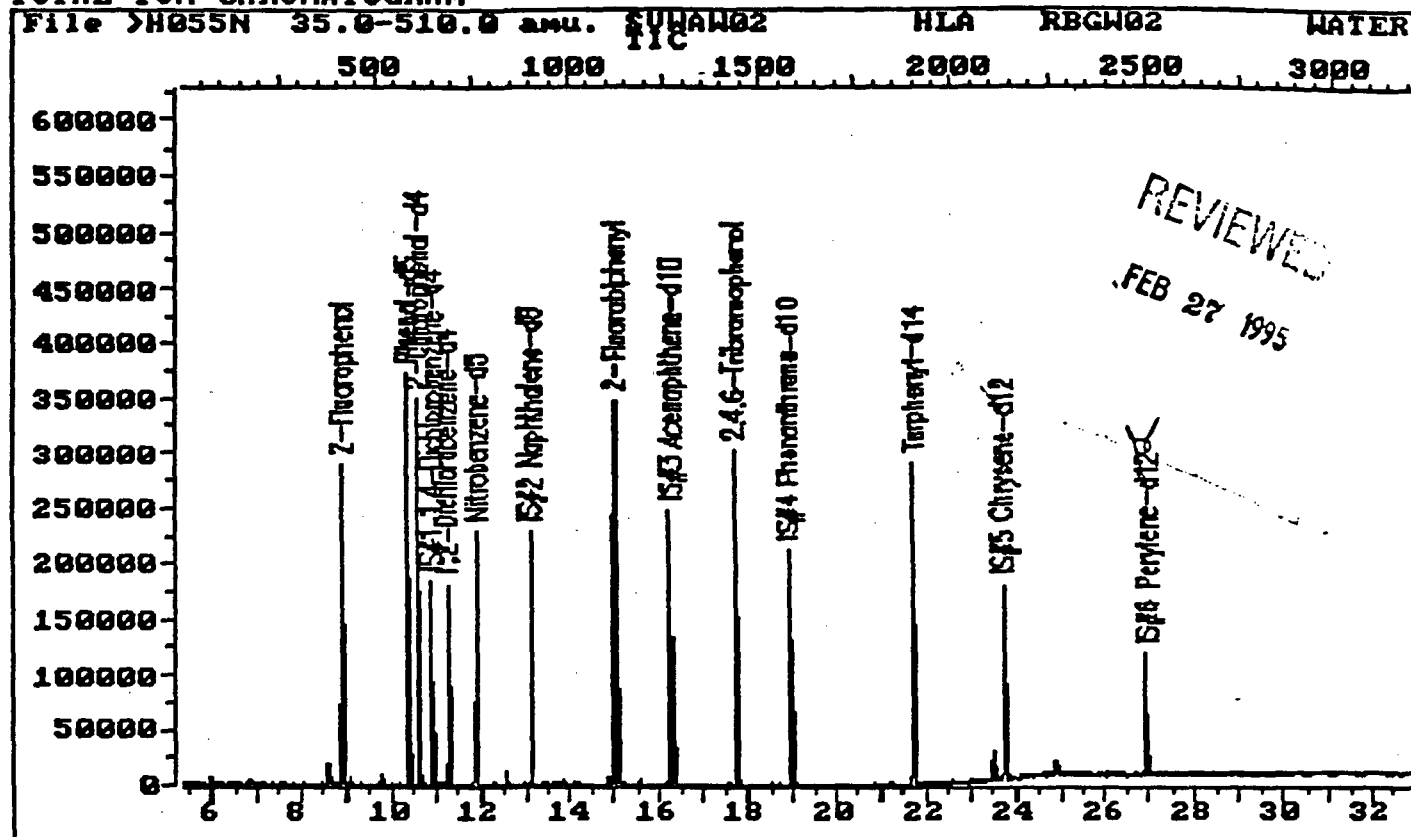
Concentration: 4.03 ppb

q-value: 85

300663

Subject To Validation

TOTAL ION CHROMATOGRAM



Data File: >H055N::D2

Quant Output File: ^H055N::BQ

Name: SVWAW02

HLA

Misc: RBGW02

WATER

BATCH # 12244

INST H

BTL#12

Id File: ID_SH::DB

Title: SEMIVOLATILES BY SW846-8270/EPA 625

Last Calibration: 950224 11:45

Operator ID: DAVID

Quant Time: 950224 21:12

Injected at: 950224 20:38

300664

Data Subject to Validation

QUANT REPORT

Operator ID: DAVID
 Output File: ^H055N::BQ
 Data File: >H055N::D2
 Name: SVWAW02 HLA
 Misc: RBGW02

Quant Rev: 6 Quant Time: 950224 21:12
 Injected at: 950224 20:38
 Dilution Factor: 1.00000

WATER BATCH # 12244 INST H BTL#12

ID File: ID SH::DB
 Title: SEMIVOLATILES BY SW846-8270/EPA 625
 Last Calibration: 950224 11:45

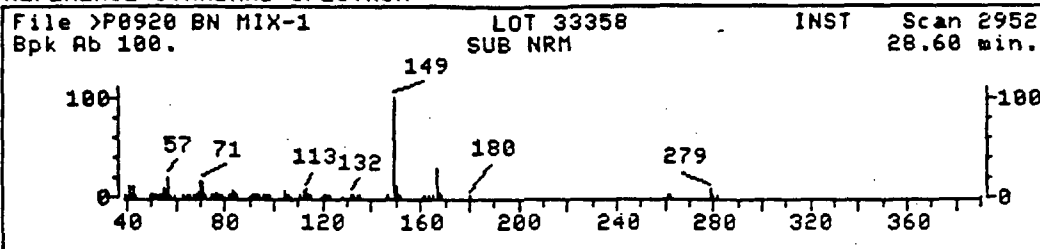
	Compound	R.T.	Scan#	Area	Conc	Units	g
1)	*IS#1 1,4-Dichlorobenzene-d4	10.91	644	45418	20.00	ppb	93
4)	Phenol-d5	10.36	580	200351	58.17	ppb	95
5)	2-Chlorophenol-d4	10.59	607	157897	56.97	ppb	85
6)	2-Fluorophenol	8.88	408	134308	45.67	ppb	68
13)	1,2-Dichlorobenzene-d4	11.23	681	46447	24.16	ppb	96
21)	*IS#2 Naphthalene-d8	13.11	900	165011	20.00	ppb	98
22)	Nitrobenzene-d5	11.90	759	114808	35.64	ppb	80
36)	*IS#3 Acenaphthene-d10	16.27	1267	77641	20.00	ppb	81
40)	2-Fluorobiphenyl	15.01	1121	161984	31.78	ppb	95
57)	2,4,6-Tribromophenol	17.70	1433	72362	71.61	ppb	94
58)	*IS#4 Phenanthrene-d10	18.92	1575	115180	20.00	ppb	86
70)	*IS#5 Chrysene-d12	23.71	2132	102063	20.00	ppb	95
73)	Terphenyl-d14	21.72	1901	160477	36.78	ppb	97
77)	bis(2-Ethylhexyl)phthalate	23.50	2108	13331	2.06	ppb	84
79)	*IS#6 Perylene-d12	26.92	2504	109873	20.00	ppb	97

* Compound is ISTD

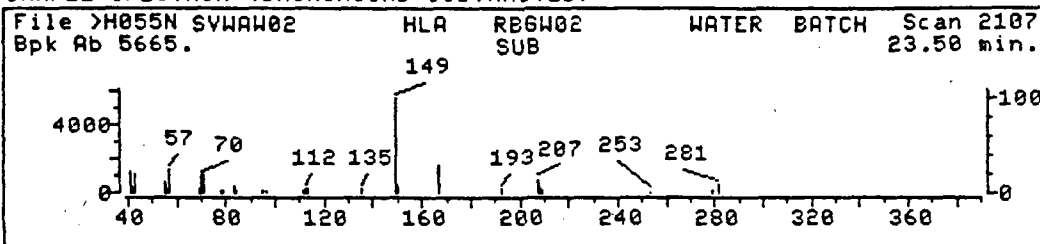
300665

Data Subject To Validation

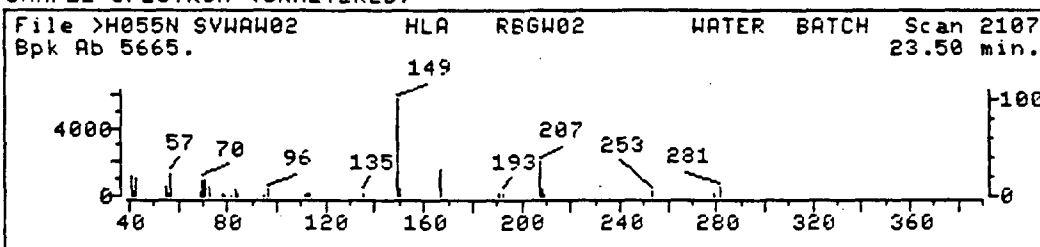
REFERENCE STANDARD SPECTRUM



SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)



SAMPLE SPECTRUM (UNALTERED)



Data File: >H055N::D2

Quant Output File: ^H055N::BQ

Name: SVWAW02 HLA

Misc: RBGW02

WATER BATCH # 12244 INST H

BTL#12

Quant Time: 950224 21:12

Quant ID File: ID_SH::DB

Injected at: 950224 20:38

Last Calibration: 950224 11:45

Compound No: 77

Compound Name: bis(2-Ethylhexyl)phthalate

Scan Number: 2108

Retention Time: 23.50 min.

Quant Ion: 149.0

Area: 13331

Concentration: 2.06 ppb

q-value: 84

300666

Not Subject To Validation

GC/MS PERFORMANCE STANDARD

Decafluorotriphenylphosphine (DFTPP)

m/z	Ion Abundance Criteria	% Relative Abundance		Status
		Base Peak	Appropriate Peak	
51	30-60% of mass 198	31.59	31.59	Ok
68	Less than 2% of mass 69	0.00	0.00	Ok
69	(reference only)	49.76	49.76	Ok
70	Less than 2% of mass 69	0.00	0.00	Ok
127	40-60% of mass 198	40.01	40.01	Ok
197	Less than 1% of mass 198	0.00	0.00	Ok
198	Base peak, 100% relative abundance	100.00	100.00	Ok
199	5-9% of mass 198	6.16	6.16	Ok
275	10-30% of mass 198	21.93	21.93	Ok
365	Greater than 1% of mass 198	2.42	2.42	Ok
441	0-100% of mass 443	12.69	88.81	Ok
442	Greater than 40% of mass 198	75.58	75.58	Ok
443	17-23% of mass 442	14.29	18.91	Ok

Injection Date: 02/27/95

Injection Time: 12:17

Data File: >H058A

Scan: 364

300667

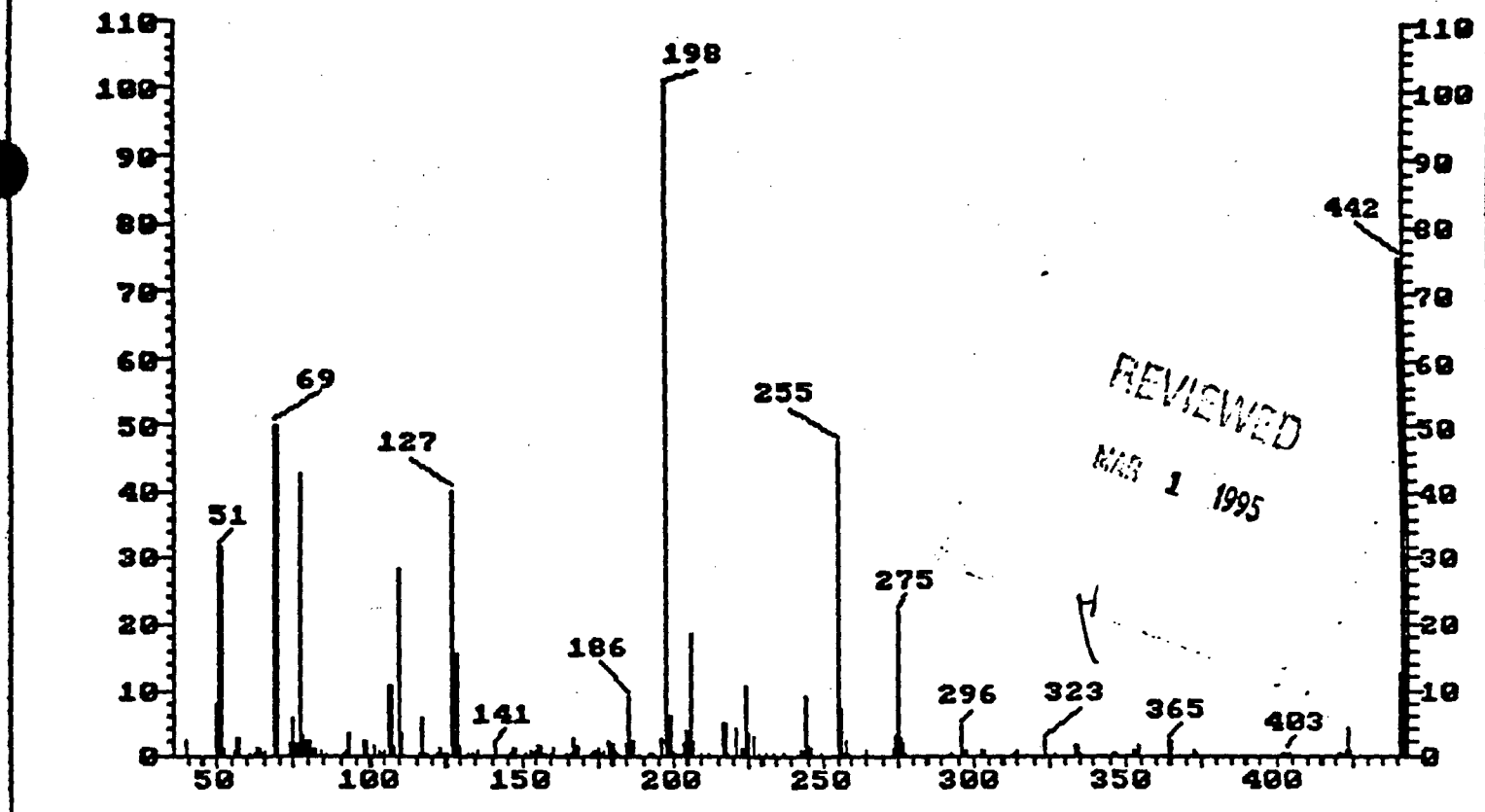
Data Subject to Verification

File >H058A 50ng DFTPP
Bpk Ab 100.

290-14-PERF
SUB NRM

INST H

Scan 364
7.09 min.



Data Filename: >H058A::D2

Name: 50ng DFTPP

Misc: 290-14-PERF

INST H

BTL# 1

Operator ID: DAVID SUPER GRP.

Analysis Date/Time : 2/27/95 12:17

300668

Analysis Date/Time: 2/27/95 12:17
Data Filename and Sample ID:

>H058A
364

50ng DFTPP
SUB NRM

290-14-PERF

INST H

File: >H058A Scan #: 364 Retn. time: 7.09

m/z	Int.	m/z	Int.	m/z	Int.	m/z	Int.	m/z	Int.
35.70	.312	99.00	1.968	160.00	.575	212.90	.147	302.95	.892
38.05	.211	101.00	1.280	160.90	.939	217.00	4.757	309.95	.074
38.95	2.563	102.90	.644	162.90	.066	218.00	.317	314.05	.359
49.95	7.942	104.00	.580	164.90	.359	221.00	4.278	314.95	.754
50.95	31.588	105.00	.708	166.15	.546	223.15	1.007	315.95	.246
51.95	1.256	107.00	10.527	167.00	2.801	224.00	10.684	316.20	.236
53.05	.224	108.00	1.445	168.00	1.268	225.15	3.337	320.30	.054
53.30	.233	109.00	.214	170.65	.096	225.90	.192	320.95	.236
55.95	.833	110.00	28.130	171.90	.211	227.00	3.091	321.20	.221
56.95	2.642	111.00	3.357	173.00	.423	229.15	.573	321.55	.150
60.95	.526	114.50	.069	174.00	.627	231.15	.393	323.05	2.184
62.05	.560	116.00	.580	175.00	1.214	233.75	.258	323.95	.256
62.95	1.179	117.00	5.873	176.00	.447	235.00	.236	326.95	.273
64.20	.231	118.00	.482	177.00	.799	236.90	.467	328.20	.150
64.70	.302	121.90	.585	179.00	2.098	241.00	.246	332.95	.179
65.20	.632	123.00	1.226	180.00	1.718	242.15	.727	333.95	1.376
68.95	49.764	124.00	.410	181.00	.602	243.00	.870	335.05	.491
73.05	.074	124.75	.393	182.00	.265	244.15	9.048	345.95	.506
74.05	1.774	127.00	40.006	185.00	1.659	245.00	1.398	352.95	.673
74.95	5.905	128.00	3.457	186.00	9.094	246.00	1.209	354.05	1.273
76.05	1.735	129.00	15.535	187.00	2.511	249.00	.322	364.95	2.415
77.05	42.599	130.00	1.297	189.00	.491	255.00	47.494	365.95	.167
78.05	3.081	132.00	.373	191.90	.541	256.00	7.254	371.05	.140
78.95	2.317	134.00	.258	193.00	.585	257.00	.514	371.95	.875
80.05	2.145	135.15	.747	196.00	2.882	258.15	2.366	373.05	.344
81.05	2.462	141.00	1.609	198.00	100.000	259.15	.302	402.05	.536
81.95	1.069	146.00	.364	199.00	6.160	265.00	.742	402.95	.590
83.20	.860	147.00	1.049	200.00	.627	273.15	1.204	403.95	.442
84.30	.113	148.00	.993	201.40	.489	274.00	3.172	420.95	.346
85.05	.573	150.25	.140	201.90	.268	275.15	21.928	422.05	.774
85.95	.582	151.15	.437	203.00	.327	275.90	2.718	423.05	3.981
91.05	.415	153.00	.781	204.00	1.838	277.00	1.671	423.95	.678
91.95	.826	154.15	.460	205.00	3.887	278.15	.300	441.05	12.694
92.95	3.487	154.90	.818	206.00	18.606	292.95	.528	442.05	75.585
94.00	.256	156.00	1.607	207.00	2.111	295.95	4.381	443.05	14.294
94.40	.135	157.15	.413	210.00	.425	297.05	.654	443.95	1.071
97.90	2.472	158.00	.469	211.75	.283				

300669

Data Subject To Validation

012) >HBLKC 12 2 N N N N N ID_SH::DB
PEND2 Dil=1.00000
REPRT OPTIONS: Label Meth:5, BG Sub, Qion replaces Scan#
REPRT OPTIONS: Only types:T
013) >HBLKD 13 2 N N N N N ID_SH::DB
PEND2 Dil=1.00000
REPRT OPTIONS: Label Meth:5, BG Sub, Qion replaces Scan#
REPRT OPTIONS: Only types:T

End of sequence file.

300670

Data Subject To Validation

QUANT REPORT

Operator ID: DAVID
Output File: ^H058A::BQ
Data File: >H058A::D2
ame: 50ng DFTPP
Misc: 290-14-PERF

Quant Rev: 6 Quant Time: 950227 12:33
 Injected at: 950227 12:18
 Dilution Factor: 1.00000

INST H

BTL# 1

ID File: ID_DFT::DB
Title: DFTPP/BENZIDINE/PENTACHLOROPHENOL PERFORMANCE
Last Calibration: 950227 12:32

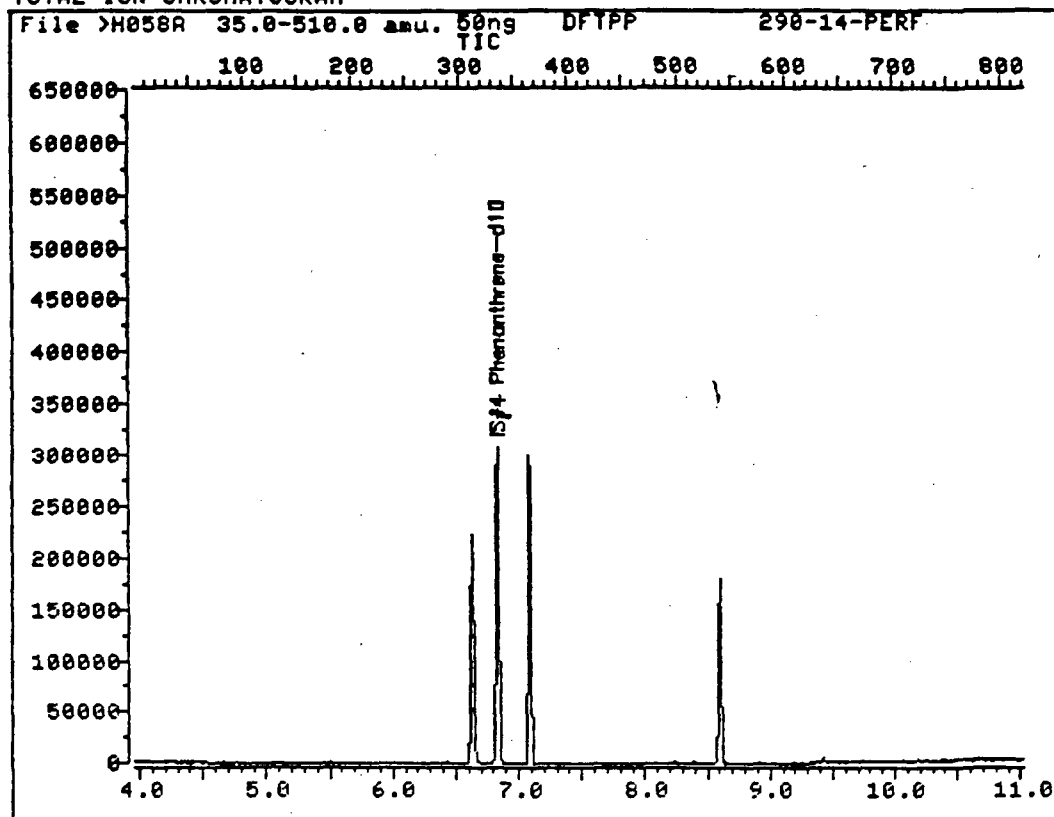
Compound	R.T.	Q ion	Area	Conc	Units	q
1) *IS#4 Phenanthrene-d10	6.84	188.2	182208	20.00	ppb	86
2) Pentachlorophenol	6.63	265.9	44168	25.00	ppb	95
3) Benzidine	8.60	184.2	93079	25.00	ppb	98

* Compound is ISTD

300671

Data Subject To Validation

TOTAL ION CHROMATOGRAM



Data File: >H058A::D2

Quant Output File: ^H058A::BQ

Name: 50ng DFTPP

Misc: 290-14-PERF

INST H

BTL# 1

Id File: ID_DFT::DB

Title: DFTPP/BENZIDINE/PENTACHLOROPHENOL PERFORMANCE

Last Calibration: 950227 12:32

Operator ID: DAVID

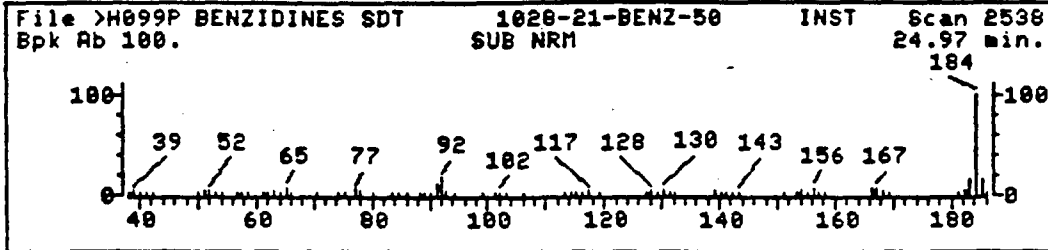
Quant Time: 950227 12:33

Injected at: 950227 12:18

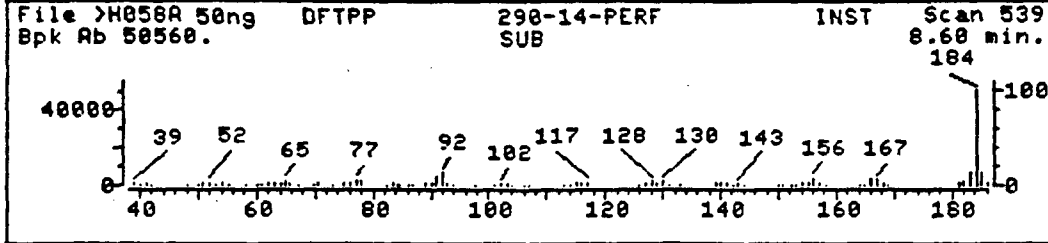
300672

Data Subject To Validation

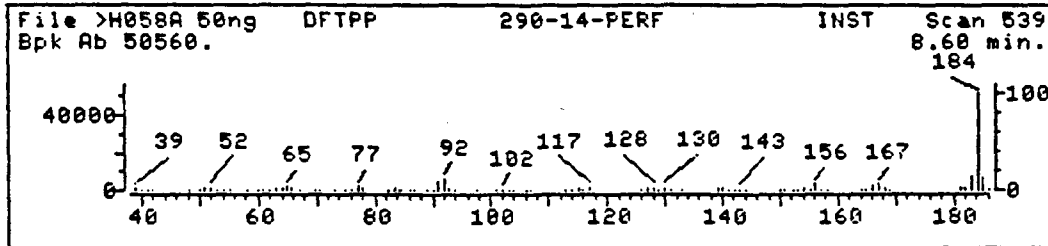
REFERENCE STANDARD SPECTRUM



SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)



SAMPLE SPECTRUM (UNALTERED)



Data File: >H058A::D2

Quant Output File: ^H058A::BQ

Name: 50ng DFTPP

Misc: 290-14-PERF

INST H

BTL# 1

Quant Time: 950227 12:33

Quant ID File: ID_DFT::DB

Injected at: 950227 12:18

Last Calibration: 950227 12:32

Compound No: 3

Compound Name: Benzidine

Scan Number: 540

Retention Time: 8.60 min.

Quant Ion: 184.2

Area: 93079

Concentration: 25.00 ppb

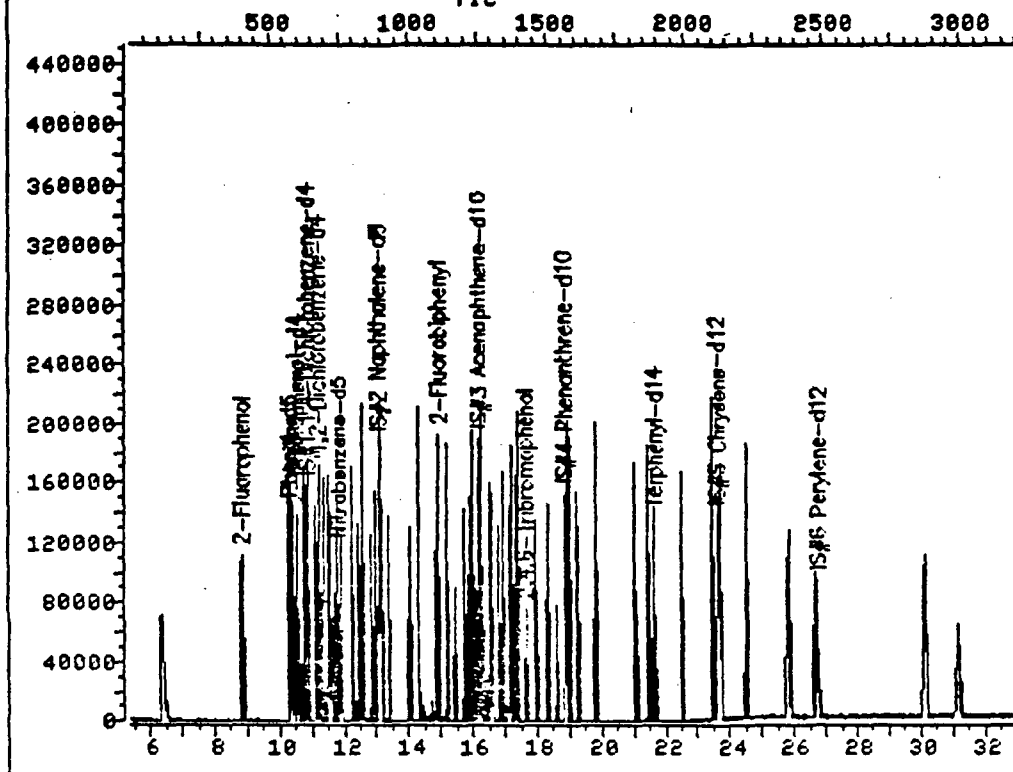
q-value: 98

300673

Data Subject To Validation

File >H058B 35.0-510.0 amu. SST0050
TIC

TIC



REVIEWED
MAR 1 1995

Quant Output File: ^H058B::BQ

INST H

BTL# 1

Misc: 290-12-SV25

Title: SEMIVOLATILES BY SW846-8270/EPA 625

Last Calibration: 950224 11:45

Operator ID: DAVID

Quant Time: 950227 14:50

Injected at: 950227 14:16

300674

Data Subject To Validation

QUANT REPORT

Operator ID: DAVID
Output File: ^H058B::BQ
Data File: >H058B::D2
Name: SST050
Misc: 290-12-SV25

Quant Rev: 6 Quant Time: 950227 15:01
Injected at: 950227 14:16
Dilution Factor: 1.00000

INST H

BTL# 1

ID File: ID_SH::DB
Title: SEMIVOLATILES BY SW846-8270/EPA 625
Last Calibration: 950227 15:00

	Compound	R.T.	Q ion	Area	Conc	Units	q
1)	*IS#1 1,4-Dichlorobenzene-d4	10.83	152.0	39645	20.00	ppb	97
2)	Pyridine	6.33	79.1	66074	25.00	ppb	89
3)	N-Nitrosodimethylamine	6.38	74.0	42499M	25.00	ppb	
4)	Phenol-d5	10.28	99.0	73380	25.00	ppb	93
5)	2-Chlorophenol-d4	10.52	132.0	57417	25.00	ppb	84
6)	2-Fluorophenol	8.81	112.0	56786	25.00	ppb	68
7)	Aniline	10.35	93.0	96235	25.00	ppb	94
8)	Phenol	10.30	94.0	78932	25.00	ppb	72
9)	2-Chlorophenol	10.54	128.0	59439	25.00	ppb	82
10)	bis(2-Chloroethyl)ether	10.42	93.0	69567	25.00	ppb	87
11)	1,3-Dichlorobenzene	10.77	146.0	66559	25.00	ppb	95
12)	1,4-Dichlorobenzene	10.85	146.0	69941	25.00	ppb	95
13)	1,2-Dichlorobenzene-d4	11.15	152.0	41018	25.00	ppb	92
14)	1,2-Dichlorobenzene	11.18	146.0	63590	25.00	ppb	97
15)	Benzyl alcohol	11.08	108.1	36168	25.00	ppb	91
16)	2,2'Oxybis-(1-chloropropane)	11.32	44.9	72813	25.00	ppb	83
17)	2-Methylphenol	11.28	108.0	51461	25.00	ppb	97
18)	N-Nitroso-di-n-propylamine	11.56	70.0	43666	25.00	ppb	73
19)	Hexachloroethane	11.70	117.0	27940	25.00	ppb	96
20)	4-Methylphenol	11.51	108.0	53883	25.00	ppb	96
21)	*IS#2 Naphthalene-d8	13.03	136.1	131934	20.00	ppb	99
22)	Nitrobenzene-d5	11.82	82.0	60527	25.00	ppb	86
23)	Nitrobenzene	11.85	77.0	60083	25.00	ppb	95
24)	Isophorone	12.22	82.2	126525	25.00	ppb	99
25)	2-Nitrophenol	12.39	139.0	24867	25.00	ppb	87
26)	2,4-Dimethylphenol	12.41	107.0	38393	25.00	ppb	92
27)	bis(2-Chloroethoxy)methane	12.58	93.1	93195	25.00	ppb	91
28)	2,4-Dichlorophenol	12.79	162.0	41431	25.00	ppb	88
29)	Benzoic acid	12.58	122.0	23433	25.00	ppb	88
30)	1,2,4-Trichlorobenzene	12.95	179.9	48913	25.00	ppb	97
31)	Naphthalene	13.07	128.1	155695	25.00	ppb	99
32)	4-Chloroaniline	13.18	127.0	64159	25.00	ppb	97
33)	Hexachlorobutadiene	13.34	224.8	28210	25.00	ppb	94
34)	4-Chloro-3-methylphenol	13.99	107.0	46328	25.00	ppb	89
35)	2-Methylnaphthalene	14.27	142.1	87700	25.00	ppb	97
36)	*IS#3 Acenaphthene-d10	16.18	164.2	62584	20.00	ppb	83
37)	Hexachlorocyclopentadiene	14.65	236.8	4628	25.00	ppb	85
38)	2,4,6-Trichlorophenol	14.81	196.0	24983	25.00	ppb	88
39)	2,4,5-Trichlorophenol	14.88	196.0	29272	25.00	ppb	95
40)	2-Fluorobiphenyl	14.93	172.1	93385	25.00	ppb	92
41)	2-Chloronaphthalene	15.15	162.0	85212	25.00	ppb	96
42)	2-Nitroaniline	15.38	65.0	28261	25.00	ppb	62
43)	Dimethylphthalate	15.68	163.1	105009	25.00	ppb	95

300675

Data Subject To Validation

	Compound	R.T.	Q Ion	Area	Conc	Units	q
44)	2,6-Dinitrotoluene	15.85	165.0	19334	25.00	ppb	99
45)	Acenaphthylene	15.92	152.1	134133	25.00	ppb	97
46)	3-Nitroaniline	16.11	138.0	22318	25.00	ppb	91
47)	Acenaphthene	16.24	153.1	89317	25.00	ppb	94
48)	2,4-Dinitrophenol	16.29	184.1	6992M	25.00	ppb	
49)	Dibenzofuran	16.51	168.1	113511	25.00	ppb	98
50)	4-Nitrophenol	16.36	109.0	8671	25.00	ppb	91
51)	2,4-Dinitrotoluene	16.55	165.1	27635	25.00	ppb	90
52)	2,3,4,6-Tetrachlorophenol	16.80	232.0	25609	25.00	ppb	91
53)	Diethylphthalate	16.92	149.1	115523	25.00	ppb	93
54)	4-Chlorophenyl-phenylether	17.08	204.1	40566	25.00	ppb	87
55)	Fluorene	17.14	166.1	84033	25.00	ppb	92
56)	4-Nitroaniline	17.22	138.0	19557	25.00	ppb	96
57)	2,4,6-Tribromophenol	17.60	329.6	18714	25.00	ppb	92
58)	*IS#4 Phenanthrene-d10	18.83	188.2	85493	20.00	ppb	91
59)	1,2-Diphenylhydrazine	17.37	77.0	141465	25.00	ppb	90
60)	4,6-Dinitro-2-methylphenol	17.28	198.0	10595	25.00	ppb	86
61)	Diphenylamine	17.31	169.1	56297	25.00	ppb	93
62)	4-Bromophenyl-phenylether	17.96	248.0	26321	25.00	ppb	91
63)	Hexachlorobenzene	18.27	283.8	40508	25.00	ppb	94
64)	Pentachlorophenol	18.58	265.9	17898	25.00	ppb	94
65)	Carbazole	19.22	167.0	100797	25.00	ppb	97
66)	Phenanthrene	18.87	178.1	117394	25.00	ppb	96
67)	Anthracene	18.95	178.1	118075	25.00	ppb	97
68)	Fluoranthene	21.03	202.0	118151	25.00	ppb	96
69)	Di-n-butylphthalate	19.78	149.0	184953	25.00	ppb	98
70)	*IS#5 Chrysene-d12	23.61	240.2	76238	20.00	ppb	98
72)	Pyrene	21.45	202.0	120219	25.00	ppb	92
73)	Terphenyl-d14	21.62	244.2	77002	25.00	ppb	98
74)	Butylbenzylphthalate	22.46	149.1	67901	25.00	ppb	97
75)	3,3'-Dichlorobenzidine	23.49	252.2	35211	25.00	ppb	95
76)	Benzo(a)anthracene	23.57	228.0	103107	25.00	ppb	93
77)	bis(2-Ethylhexyl)phthalate	23.41	149.0	105083	25.00	ppb	89
78)	Chrysene	23.66	228.0	96326	25.00	ppb	94
79)	*IS#6 Perylene-d12	26.73	264.2	91251	20.00	ppb	95
80)	Di-n-octylphthalate	24.49	149.0	175423	25.00	ppb	96
81)	Benzo(b)fluoranthene	25.76	252.2	116434	25.00	ppb	96
82)	Benzo(k)fluoranthene	25.81	252.2	97101	25.00	ppb	89
83)	Benzo(a)pyrene	26.59	252.0	99312	25.00	ppb	96
84)	Indeno(1,2,3-cd)pyrene	30.10	276.2	130113	25.00	ppb	90
85)	Dibenz(a,h)anthracene	30.06	278.1	99439	25.00	ppb	86
86)	Benzo(g,h,i)perylene	31.12	276.0	108555	25.00	ppb	84

* Compound is ISTD

300676

Data Subject To Validation

Continuing Calibration Check
MSL Compounds

Case No: Calibration Date: 02/27/95
 Contractor: PACE Time: 14:16
 Contract No: Laboratory ID: >M0588
 Instrument ID: 5988-M Initial Calibration Date: 02/02/95

Minimum RF for SPCC is 0.05 Maximum % Diff for CCC is 30%

Compound	RF	RF	%Diff	CCC	SPCC
Pyridine	1.01438	1.33331	31.44		
N-Nitrosodimethylamine	.66304	.85767	29.36		
Phenol-d5	1.48923	1.48074	.57		
2-Chlorophenol-d4	1.19953	1.15862	3.41		
2-Fluorophenol	1.12896	1.14589	1.50		
Aniline	2.24426	1.94193	13.47		
Phenol	1.62092	1.59278	1.74	*	
2-Chlorophenol	1.21281	1.19942	1.10		
bis(2-Chloroethyl)ether	1.39292	1.40380	.78		
1,3-Dichlorobenzene	1.31130	1.34310	2.43		
1,4-Dichlorobenzene	1.34158	1.41135	5.20	*	
1,2-Dichlorobenzene-d4	.80913	.82771	2.30		
1,2-Dichlorobenzene	1.23820	1.28319	3.63		
Benzyl alcohol	.73778	.72984	1.08		
2,2'Oxybis-(1-chloropropane)	1.37092	1.46930	7.18		
2-Methylphenol	1.05586	1.03844	1.65		
N-Nitroso-di-n-propylamine	.91209	.88114	3.39		**
Hexachloroethane	.58790	.56380	4.10		
4-Methylphenol	1.10887	1.08731	1.94		
Nitrobenzene-d5	.41102	.36701	10.71		
Nitrobenzene	.40829	.36432	10.77		
Isophorone	.80030	.76720	4.14		
2-Nitrophenol	.17343	.15078	13.06	*	
2,4-Dimethylphenol	.27375	.23280	14.96		
bis(2-Chloroethoxy)methane	.49769	.56510	13.55		
2,4-Dichlorophenol	.26488	.25122	5.15	*	
Benzoic acid	.17640	.14209	19.45		
1,2,4-Trichlorobenzene	.29482	.29659	.60		
Naphthalene	.90341	.94408	4.50		
4-Chloroaniline	.41357	.38904	5.93		
Hexachlorobutadiene	.16955	.17106	.89	*	
4-Chloro-3-methylphenol	.28719	.28092	2.18	*	

RF - Response Factor from daily standard file at 25.00 PPB

RF - Average Response Factor from Initial Calibration Form VI

%Diff - % Difference from original average or curve

CCC - Calibration Check Compounds (*) SPCC - System Performance Check Compounds (**)

**Continuing Calibration Check
MSL Compounds**

Case No:	Calibration Date: 02/27/95
Contractor: PACE	Time: 14:16
Contract No:	Laboratory ID: >N0588
Instrument ID: 5988-M	Initial Calibration Date: 02/02/95

Minimum RF for SPCC is 0.05 Maximum % Diff for CCC is 30%

Compound	RF	RF	%Diff	CCC	SPCC
2-Methylnaphthalene	.55293	.53178	3.82		
Hexachlorocyclopentadiene	.32670	.05916	81.89		**
2,4,6-Trichlorophenol	.38270	.31935	16.55	*	
2,4,5-Trichlorophenol	.41683	.37418	10.23		
2-Fluorobiphenyl	1.25887	1.19372	5.18		
2-Chloronaphthalene	1.08947	1.08925	.02		
2-Nitroaniline	.42902	.36126	15.80		
Dimethylphthalate	1.38792	1.34231	3.29		
2,6-Dinitrotoluene	.31656	.24714	21.93		
Acenaphthylene	1.80475	1.71460	5.00		
3-Nitroaniline	.36172	.28529	21.13		
Acenaphthene	1.12923	1.14172	1.11	*	
2,4-Dinitrophenol	.15628	.08938	42.81		**
Dibenzofuran	1.48924	1.45099	2.57		
4-Nitrophenol	.17060	.11084	35.03		**
2,4-Dinitrotoluene	.39411	.35325	10.37		
2,3,4,6-Tetrachlorophenol	.37045	.32736	11.63		
Diethylphthalate	1.46478	1.47671	.81		
4-Chlorophenyl-phenylether	.54579	.51855	4.99		
Fluorene	1.11196	1.07418	3.40		
4-Nitroaniline	.32391	.24999	22.82		
2,4,6-Tribromophenol	.22662	.23922	5.56		
1,2-Diphenylhydrazine	1.30901	1.32376	1.13		
4,6-Dinitro-2-methylphenol	.15078	.09914	34.25		
Diphenylamine	.52841	.52680	.30	*	
4-Bromophenyl-phenylether	.23966	.24630	2.77		
Hexachlorobenzene	.31426	.37905	20.62		
Pentachlorophenol	.18396	.16748	8.96	*	
Carbazole	1.00492	.94321	6.14		
Phenanthrene	1.10125	1.09851	.25		
Anthracene	1.11046	1.10489	.50		
Fluoranthene	1.17351	1.10560	5.79	*	

RF - Response Factor from daily standard file at 25.00 PPB

RF - Average Response Factor from Initial Calibration Form VI

%Diff - % Difference from original average or curve

CCC - Calibration Check Compounds (*) SPCC - System Performance Check Compounds (**)

**Continuing Calibration Check
SSL Compounds**

Case No:	Calibration Date: 02/27/95
Contractor: PACE	Time: 14:16
Contract No:	Laboratory ID: >M0588
Instrument ID: 5988-M	Initial Calibration Date: 02/02/95

Minimum RF for SPCC is 0.05 Maximum % Diff for CCC is 30%

Compound	RF	RF	%Diff	CCC	SPCC
Di-n-butylphthalate	1.67332	1.73070	3.43		
Pyrene	1.28356	1.26151	1.72		
Terphenyl-d14	.81891	.80802	1.33		
Butylbenzylphthalate	.76622	.71252	7.01		
3,3'-Dichlorobenzidine	.39300	.36949	5.98		
Benzo(a)anthracene	1.08622	1.08195	.39		
bis(2-Ethylhexyl)phthalate	1.08571	1.10268	1.56		
Chrysene	1.01148	1.01079	.07		
Di-n-octylphthalate	1.62082	1.53794	5.11 ✓		
Benzo(b)fluoranthene	1.05431	1.02078	3.18		
Benzo(k)fluoranthene	.92652	.85129	8.12		
Benzo(a)pyrene	.90934	.87067	4.25 ✓		
Indeno(1,2,3-cd)pyrene	1.04677	1.14070	8.97		
Dibenz(a,h)anthracene	.81469	.87178	7.01		
Benzo(g,h,i)perylene	.88047	.95170	8.09		

RF - Response Factor from daily standard file at 25.00 PPB

RF - Average Response Factor from Initial Calibration Form VI

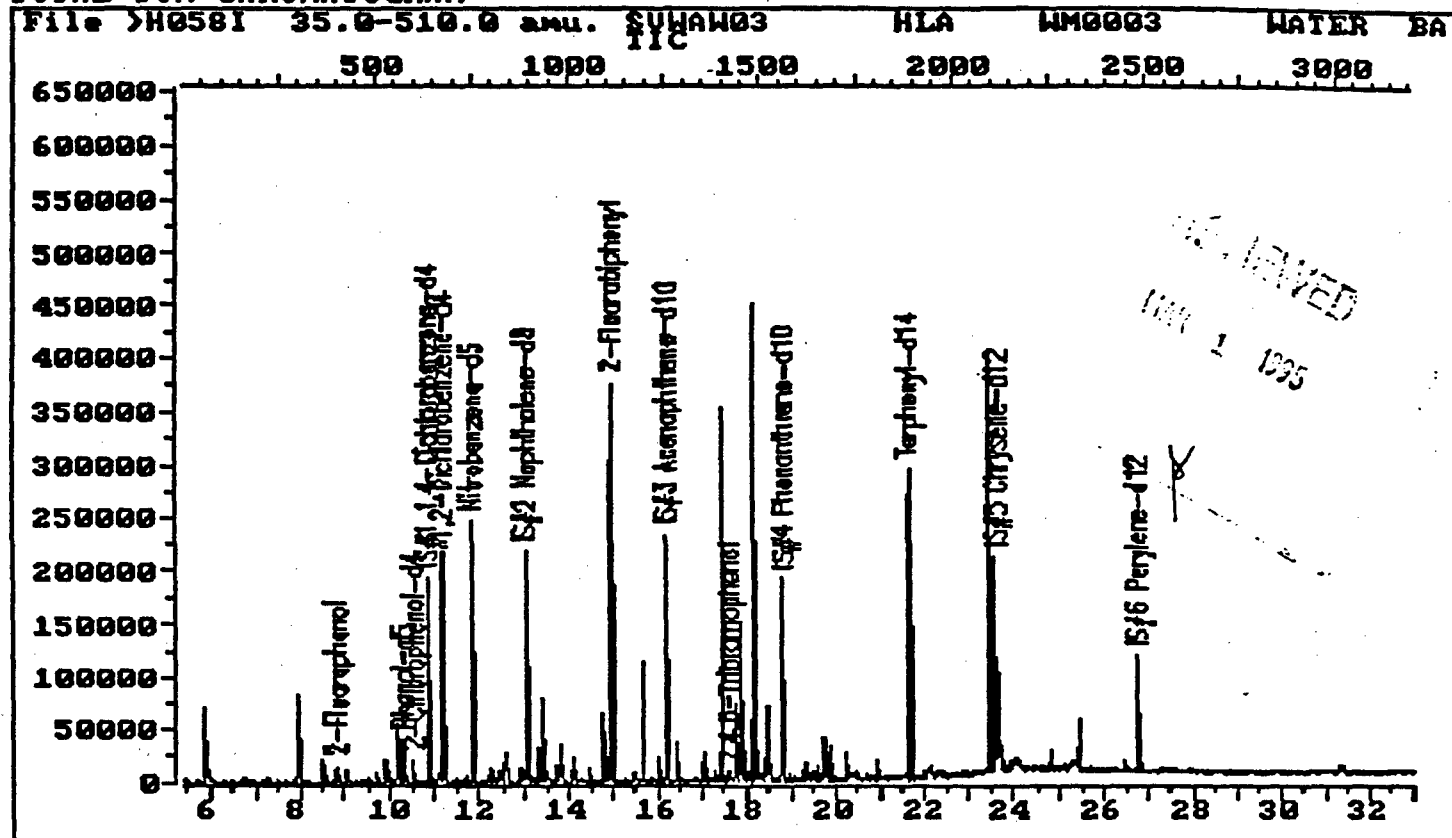
%Diff - % Difference from original average or curve

CCC - Calibration Check Compounds (*) SPCC - System Performance Check Compounds (**)

300679

Data Subject To Validation

TOTAL ION CHROMATOGRAM



Data File: >H058I::D2

Quant Output File: ^H058I::BQ

Name: SVWAW03 HLA

Misc: WM0003 WATER BATCH #12422 INST H

BTL#10

Id File: ID SH::DB

Title: SEMI-VOLATILES BY SW846-8270/EPA 625

Last Calibration: 950227 15:00

Operator ID: DAVID

Quant Time: 950227 21:24

Injected at: 950227 20:49

300680

Data Subject To Validation

QUANT REPORT

Operator ID: DAVID
Output File: ^H058I::BQ
Data File: >H058I::D2
Name: SVWAW03 HLA
Misc: WM0003 WATER BATCH #12422 INST H

Quant Rev: 6 Quant Time: 950227 21:24
Injected at: 950227 20:49
Dilution Factor: 1.00000

BTL#10

ID File: ID SH::DB
Title: SEMIVOLATILES BY SW846-8270/EPA 625
Last Calibration: 950227 15:00

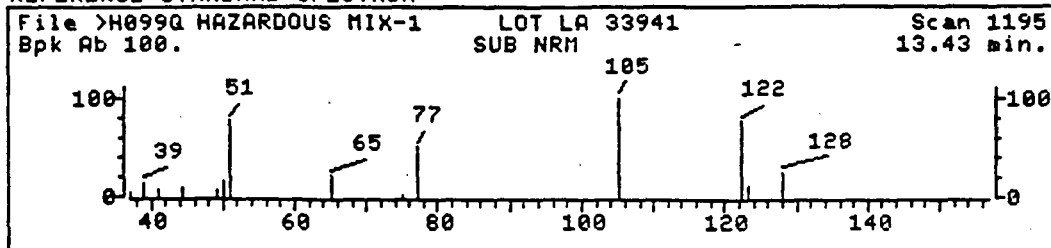
	Compound	R.T.	Scan#	Area	Conc	Units	q
1)	*IS#1 1,4-Dichlorobenzene-d4	10.83	631	45917	20.00	ppb	93
4)	Phenol-d5	10.27	567	20952	6.16	ppb	96
5)	2-Chlorophenol-d4	10.51	594	10140	3.81	ppb	87
6)	2-Fluorophenol	8.80	396	7324	2.78	ppb	86
13)	1,2-Dichlorobenzene-d4	11.14	668	57495	30.26	ppb	94
21)	*IS#2 Naphthalene-d8	13.02	886	159519	20.00	ppb	98
22)	Nitrobenzene-d5	11.82	746	125678	42.93	ppb	84
29)	Benzoic acid	12.56	832	10689	9.43	ppb	95
36)	*IS#3 Acenaphthene-d10	16.17	1252	73005	20.00	ppb	88
40)	2-Fluorobiphenyl	14.92	1107	168964	38.78	ppb	93
57)	2,4,6-Tribromophenol	17.59	1417	2966	3.40	ppb	98
58)	*IS#4 Phenanthrene-d10	18.81	1558	109558	20.00	ppb	92
70)	*IS#5 Chrysene-d12	23.60	2113	105691	20.00	ppb	97
73)	Terphenyl-d14	21.63	1884	167108	39.14	ppb	99
77)	bis(2-Ethylhexyl)phthalate	23.41	2091	201394	34.56	ppb	93
9)	*IS#6 Perylene-d12	26.74	2475	111387	20.00	ppb	98

* Compound is ISTD

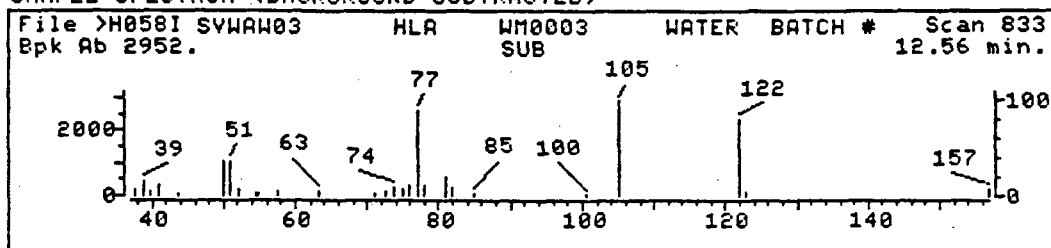
300681

Data Subject To Validation

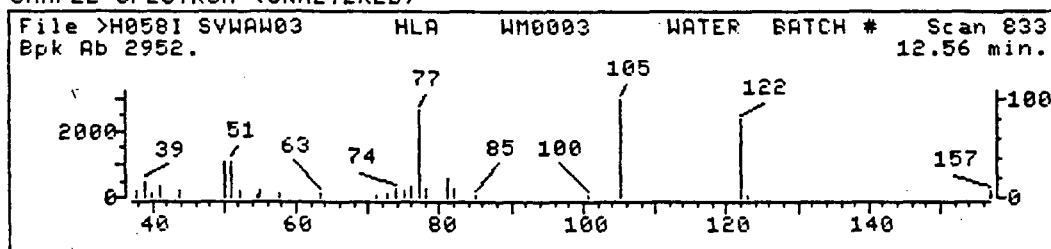
REFERENCE STANDARD SPECTRUM



SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)



SAMPLE SPECTRUM (UNALTERED)



Data File: >H058I::D2

Quant Output File: ^H058I::BQ

Name: SVWAW03 HLA

Misc: WM0003 WATER BATCH #12422 INST H

BTL#10

Quant Time: 950227 21:24

Quant ID File: ID_SH::DB

Injected at: 950227 20:49

Last Calibration: 950227 15:00

Compound No: 29

Compound Name: Benzoic acid

Scan Number: 832

Retention Time: 12.56 min.

Quant Ion: 122.0

Area: 10689

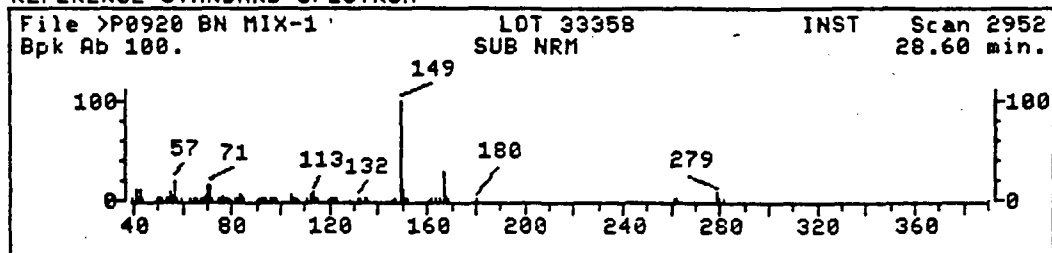
Concentration: 9.43 ppb

q-value: 95

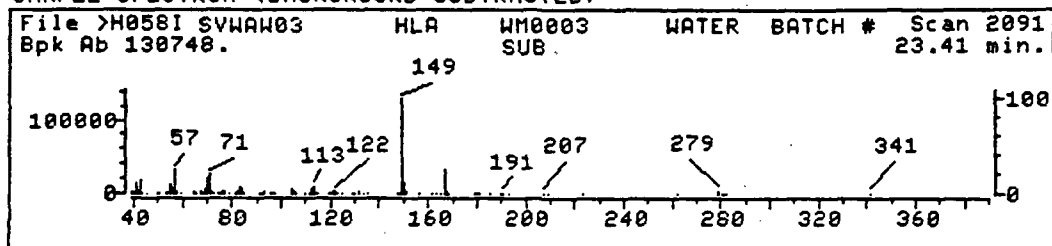
300682

Data Subject To Validation

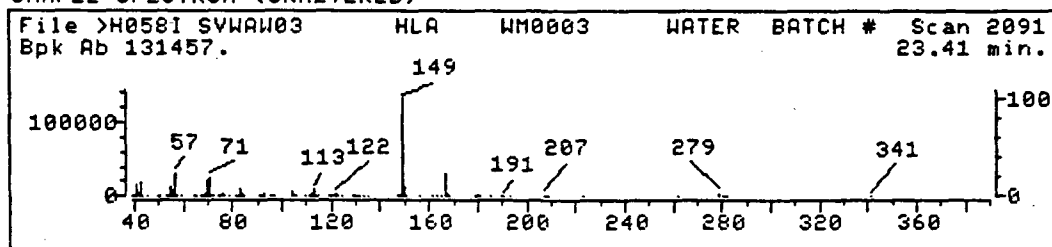
REFERENCE STANDARD SPECTRUM



SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)



SAMPLE SPECTRUM (UNALTERED)



Data File: >H0581::D2 Quant Output File: ^H0581::BQ
Name: SVWAW03 HLA
Misc: WM0003 WATER BATCH #12422 INST H BTL#10
Quant Time: 950227 21:24 Quant ID File: ID_SH::DB
Injected at: 950227 20:49 Last Calibration: 950227 15:00

Compound No: 77
Compound Name: bis(2-Ethylhexyl)phthalate
Scan Number: 2091
Retention Time: 23.41 min.
Quant Ion: 149.0
Area: 201394
Concentration: 34.56 ppb
q-value: 93

300683

Data Subject To Validation

000027

FACE
GC/MS INSTRUMENT OPERATIONS LOGSHEET --- SEMI-VOLATILES

page 1 of 2

Analyst: J. McFall Date: 2/2/95 Instrument: 7C
Project I.D. (client/case/sdg):

Standard Data Acquisition Parameters for Semi-Volatiles:

GC Conditions		MS Conditions
Flow rate	: <u>2.5 ml/min</u>	Scan range: <u>35-500 amu</u>
Head pressure	: <u>30 psi</u>	Scan rate: <u>1 s/scan</u>
Column	: <u>Fused Silica Capillary</u>	EM voltage: <u>10 kV</u>
	: <u>30m x 0.25mm, 1.0um film</u>	
Injector temp.	: <u>250</u>	
Injector mode	: <u>Mod Splitless</u>	
GC descriptors	: <u>SAMPLE-SV, DETPP-UM</u>	
GC program	: <u>45 (4min) to 300 @ 12/min</u>	
	: <u>(optimized)</u>	

REVIEWED
MAR 1 1995

Non-standard Conditions :
Maintenance/Problems :
Formater Files :
Original Data Filed With:

Standard Identifications & Spike Amounts:
Targets: 298-12-SV25 IS: 298-02-SVTS1001 DETPP: 298-14-PERF

Definition of Status/Comments Column on Run Log (page 2):

.....analysis passed all criteria	NE.....sample matrix effect (also indicate GC
.....not applicable	excursions, for example, ISS ⁺ , SSZ ⁺ , etc.)
CO.....carry-over or contamination suspected	RE.....re-extraction required
DU/level...dilution required/suggested level	RR.....rerun required
	TD/level...too dilute/suggested level



FACE-GC/MS INSTRUMENT OPERATIONS LOGSHEET --- SEMI-VOLATILES

Analyst: J. McFall RRF of the day: 1.612, 0.714 Are runs within time limits? YES NO
Date: 2/2/95 Perf. Std. + 12 hrs.: 22:16 (If no, circle outliers)

TIME	OP	FILE ID	CLIENT ID (dil)	ANT INJ	QC BATCH	QLF	MULT FACT	I.S. AR	RT	SUR REC	STATUS/COMMENTS	TAPE
10:16	Q	EP022195A	DETPP	2ul	-	1	1	-	-	-		0460
10:32	Q	EP022195A	SJT095V	2ul	-	1	1	-	-	-		
11:42	Q	SV12250785	SBLKT	2ul	1225	4	1	✓	✓	✓		
12:32	Q	SVVYN01T	PAINT REFUSE	2ul	↓	4	1	✓	✓	✓		
13:16	Q	SV12343201	SBLKL	2ul	12343	33.3	1	✓	✓	✓		
14:02	Q	SVVYA01	24E95	2ul	↓	33.3	1	✓	✓	✓		
14:48	Q	SV12249279	SBLKW	2ul	12244	1	1	✓	✓	✓		
15:21	Q	SVWAAP1P	ML10004	2ul	1	1	1	✓	✓	✓		
17:04	MS	SVWAP09	COMPOSITE	2ul	1	1	1	✓	✓	✓	*des f. d. m. RR	
17:50		SVWAC02	MA2MV-11	1	1	1	1	✓	✓	✓		
18:36		SVWAC04	MA2MV-3	1	1	1	1	✓	✓	✓		
19:21		SVWAC05	MA2MV-9	1	1	1	1	✓	✓	✓		
		SVWAC06	MA2FB-1	1	1	1	1	✓	✓	✓		Valley
		SVWAC01	MA2MV-5	↓	↓	1	1	✓	✓	✓		✓

1/22/95 -
Cylinder
broken

Data Subject To Validation

000028

300684

000031

PAGE
GC/MS INSTRUMENT OPERATIONS LOGSHEET --- SEMI-VOLATILES

Page 1 of 2

Analyst: A. Anton Date: 5/5/94 Instrument: e
Project I.D. (client/case/adj): _____

Standard Data Acquisition Parameters for Semi-Volatiles:

GC Conditions

Flow rate: 1.5 ml/min
Head pressure: 30 psi
Column: Fused Silica Capillary
30m x 0.25mm, 1.0um film
Injector temp.: 250
Injector mode: Mod Splitless
GC descriptors: Sample-SV, DETPP-ON
GC program: 45 (4min) to 300 @ 12/min
(optimized)

MS Conditions

Scan range: 35-300 amu
Scan rate: 1 s/scan
EM voltage: 1121REVIEWED
MAR 14 1995
g

Non-standard Conditions:

Maintenance/Problems:

Formaster Files:

Original Data Filed With:

Standard Identifications & Spike Amounts:

Targets: 290-12-SV25A IS: 290-07 SV1510W DETPP: 290-14 R1T

Definition of Status/Comments Column on Run Log (page 2):

.....analysis passed all criteria

.....not applicable

CO.....carry-over or contamination suspected

DL/level....dilution required/suggested level

ME.....sample matrix effect (also indicate GC excursions, for example, ISS⁺, SS2⁺, etc.)

RE.....re-extraction required

RR.....rerun required

TD/level....too dilute/suggested level

PAGE-GC/MS INSTRUMENT OPERATIONS LOGSHEET --- SEMI-VOLATILES

Analyst: A. Anton RRF of the day: 1.515 Are runs within time limits? YES NO
Date: 5/5/95 Perf. Std. + 12 hrs.: 25:10 (If no, circle outliers)

TIME	OP	FILE ID	CLIENT ID (dil)	AMT INJ	QC BATCH	QLV	MULT FACT	I.S. AR	RT	SUR REC	STATUS/COMMENTS	TAPE
11:10	L	C1030385A	DETRP	2ul	-	1	1	-	-	-	-	CH60
11:30	L	C1030391A	SGT0050	1	-	1	1	-	-	-	-	↓
12:57	A	SV12458WB3	9BULKW1	1	12458	1	1	-	-	-	Bad. inj.	CH60
13:42	A	SVWEX05	MW-5	1	1	1	1	-	-	-	-	↓
14:24	A	SV12458WB3	9BULKW1	1	1	1	1	-	-	-	-	↓
15:11	A	SVWEX04	MW-4	1	1	1	1	-	-	-	-	↓
16:21	1	SV12522WB2	9BULKW	1	12522	1	1	-	-	-	-	↓
17:06	1	SVWAN03RE	MW0000	1	12524	1	1	-	-	-	-	↓

Data Subject to Validation

000032

300685

690000

FACE
GC/MS INSTRUMENT OPERATIONS LOGSHEET --- SEMI-VOLATILES

page 1 of 2

Analyst: D. Thompson Date: 2-23-96 Instrument: 4
Project I.D. (client/case/obj): BFT, ARCO, HLA

Standard Data Acquisition Parameters for Semi-Volatiles:

GC Conditions		MS Conditions
Flow rate	<u>3.5 ml/min</u>	Scan range: <u>35-500 m/z</u>
Head pressure	<u>50 psi</u>	Scan rate: <u>1 s/scan</u>
Column	<u>Fused Silica Capillary</u>	EN voltage: <u>150V</u>
	<u>30m x 0.25mm, 1.0um film</u>	
Injector temp.	<u>250</u>	
Injector mode	<u>Mod Splitless</u>	
GC descriptors	<u>SAMPLE-SV, DFTPP-ON</u>	
GC program	<u>45 (4min) to 300 @ 12/min</u>	
	<u>(continued)</u>	

REVIEWED
MAR 14 1996

Non-standard Conditions: _____
Maintenance/Problems: (2X22)
Formater Files: _____
Original Data Filed With: _____

Standard Identifications & Spike Amounts:
Targets: 290-12-SV25 IS: 290-67 SVIS1000 DFTPP: 290-14-PC4

Definition of Status/Comments Column on Run Log (page 2):

.....analysis passed all criteria
.....not applicable
CO.....carry-over or contamination suspected
DL/level...dilution required/suggested level
NE.....sample matrix effect (also indicate GC excursions, for example, 185°, 552°, etc.)
RE.....re-extraction required
RR.....rerun required
TD/level...too dilute/suggested level

FACE-GC/MS INSTRUMENT OPERATIONS LOGSHEET --- SEMI-VOLATILES

Analyst: DT RRF of the day: _____ Are runs within time limits? YES NO
Date: 2-23-96 Perf. Std. + 12 hrs.: 00:18 (If no, circle outliers)

TIME	OP	FILE ID	CLIENT ID (all)	ANT INJ	QC BATCH	QV	MULT FACT	I.S. AR, RT	SUR REC	STATUS/COMMENTS	FAPE
12:16	21	H054A:01	Sam, DFTPP	2	-	-	1	-	+		
14:55		H054B	ASTD050		↓	1	1	-	-		
15:39		H054C	12422W81		12422	1	1	✓	✓		
16:22		H054D	12422W51			1	1	✓	✓		
17:06		H054E	SVW8K02	OUTFALL 2		1	1	✓	✓		
17:51		H054F	SVW8K02.M5			2.22	1	✓	✓		
18:34		H054G	SVW8K02.M0			2.22	1	✓	✓		
19:17		H054H	SVWAW04	M00001		1	1	✓	✓		
20:01		H054I	SVWAW05	M00011		1	1	✓	✓		
20:44		H054J	SVWAX01	M02M05		1	1	✓	✓		
21:28		H054K	SVWAX02	M02M08		1	1	✓	✓		
22:11		H054L	SVWAX03	M02M07		1	1	✓	✓		
22:55		H054M	SVWAX05	M02M09		1	1	✓	✓		
23:39		H054N	SVWAX06	M02M10		1	1	✓	✓		
00:23		H054O	SVW8K01	OUTFALL 1		1.12	1	✓	✓		
1:07		H054P	SVW8K03	OUTFALL 3		1.04	1	✓	✓		
1:50		H054Q	SVW8K04	4		1.06	1	✓	✓		
2:33		H054S	SVW8K05	6		1.11	1	✓	✓		
3:18		H054T	SVW8K06	7		1.05	1	✓	✓		
4:01		H054U	SVW8K07	8		1.08	1	✓	✓		

Data Subject To Validation

000070

300686

000071

PAGE-OC/MS INSTRUMENT OPERATIONS LOGSHEET --- SEMI-VOLATILES

page 1 of 2

Analyst: D. Trimmer Date: 2-24-95 Instrument: HProject I.D. (client/comp/adj): RFI

Standard Data Acquisition Parameters for Semi-Volatiles:

GC Conditions
 Flow rate: 1.5 ml/min
 Head pressure: 10-psi 70
 Column: Fused Silica Capillary
10m x 0.25mm, 1.0um film
 Injector temp.: 250
 Injector mode: Mod Splitless
 GC descriptors: sample-SV DPTTP-01
 GC program: 45 (4min) to 300 @ 12/min
(optimized)

MS Conditions
 Scan range: 35-500 amu
 Scan rate: 1 s/scan
 EM voltage: 250V

Non-standard Conditions: _____

Maintenance/Problems: _____

Formater Files: _____

Original Data Filed With: _____

Standard Identifications & Spike Amounts:

Targets: 240-12-SV21 IS: 240-17-SV11W2 DPTTP: 250-14-PERF

Definition of Status/Comments Column on Run Log (page 2):

.....analysis passed all criteria
not applicable
 CO.....carry-over or contamination suspected
 DL/level...dilution required/suggested level
 RE.....sample matrix effect (also indicate GC excursions, for example, ISS⁺, SS2⁺, etc.)
 RE.....re-extraction required
 RE.....rerun required
 TD/level...too dilute/suggested level



PAGE-OC/MS INSTRUMENT OPERATIONS LOGSHEET --- SEMI-VOLATILES

 Analyst: DT RRF of the day: ✓ Are runs within time limits? YES NO
 Date: 2-24-95 Perf. Std. + 12 hrs.: 22:34 (If no, circle outliers)

TIME	OP	FILE ID	CLIENT ID (all)	ANT INJ	QC BATCH	QVF	MULT FACT	I.S. AR/RT	SUR REC	STATUS/COMMENTS	TAPE
10:34	RM	HOSSA.X:01	50ms DPTTP	2	—	—	1	—	—		
10:59		HOSSB.X:01	ESTD050		—	—	1	—	—		
11:44		HOSSC.X:01	12244WB1		12244	—	1	✓	✓		
12:30		HOSSD.X:01	SVWBK01	OUTFAU-1	12422	1.12	1	✓	✓		
13:55		HOSS E.X:01	SVWBK03	3		1.04	1	✓	✓		
14:41		HOSS F.X:01	SVWBK04	4		1.06	1	✓	✓		
15:30		HOSS G.X:01	SVWBK05	6		1.11	1	✓	✓		
16:15		HOSS H.X:01	SVWBK06	7		1.05	1	✓	✓		
17:00		HOSS I.X:01	SVWBK07	8		1.08	1	✓	✓		
17:44		HOSS J.X:01	SVWBK05	6		2.72	2	✓	✓	1:2	
18:27		HOSS K.X:01	12244WB5	BAUK	12244	1	1	✓	✓		
19:11		HOSS L.X:02	12244WB2	1		1	1	✓	✓	* 2 sample out	
19:54		HOSS M.X:02	SVWAW01	MW0005		1.51	1	✓	✓		
20:38		HOSS N.X:02	SVWAW02	RBW002		1	1	✓	✓		
21:23		HOSS O.X:02	SVWKA01	MASWU-7		1	1	✓	✓		
22:06		HOSS P.X:02	SVWKB02	MASWU-7DUP		1	1	✓	✓		
22:49		HOSS Q.X:02	SVWKB04	MASWU-2		1	1	✓	✓		
23:33		HOSS R.X:02	SVWKB06	MASWU-6		1	1	✓	✓		
00:18		HOSS T.X:02	SVWDAW03	W0003		1	1	✓	✓	* ALL ACIDURK	
01:05		HOSS U.X:02	SVWDB01	WC/DB05/62K95		20	20	✓	✓	PL 1:20	

Data Subject To Validation

000072

300687

000073

PAGE
GC/MS INSTRUMENT OPERATIONS LOGSHEET --- SEMI-VOLATILES

page 1 of 2

Analyst: D. Thompson Date: 2-27-95 Instrument: H
Project I.D. (client/case/adj): BFI ARCO HLA

Standard Data Acquisition Parameters for Semi-Volatiles:

GC Conditions

Flow rate: 1.5 ml/min
Head pressure: 20 psi
Column: Fused Silica Capillary
30m x 0.25mm, 1.0um film
Injector temp.: 250
Injector mode: Mod Splitless
GC descriptors: sample-SV, DPTP-0M
GC program: 45 (4min) to 100 @ 12/min
(optimized)

MS Conditions

Scan range: 35-500 amu
Scan rate: 1 s/scan
MS voltage: 1585REVIEWED
MAR 14 1995Non-standard Conditions: _____
Maintenance/Problems: MSD
Formaster Files: _____
Original Data Filed With: _____

Standard Identifications & Spike Amounts:

Targets: 290-12-SV26 IS: 290-07-SV15.00 DPTP: 290-M-PERF

Definition of Status/Comments Column on Run Log (page 2):

.....analysis passed all criteria
.....not applicable
CO.....carry-over or contamination suspected
DL/level.....dilution required/suggested level
RE.....sample matrix effect (also indicate GC excursions, for example, 155°, 552°, etc.)
RE.....re-extraction required
RR.....rerun required
TD/level.....too dilute/suggested level

PAGE-GC/MS INSTRUMENT OPERATIONS LOGSHEET --- SEMI-VOLATILES

Analyst: BT RRP of the day: _____ Are runs within time limits? YES NO
Date: 2-27-95 Perf. Std. ± 12 hrs.: 00:17 (If no, circle outliers)

TIME	OP	FILE ID	CLIENT ID (dl)	AMT INJ	GC BATCH	Q/P	MULT FACT	I.S. AR	RT	SUR REC	STATUS/ COMMENTS	TAP2
12:17	AS	H058A::02	50ms DPTP	2	12427	—	1	—	—	—		
14:16		H058B::02	ASTD080			1	1	—	—	—		
15:00		H058C::02	12427W082	BLANK		1.12	1	✓	✓	✓	RE	
15:44		H058D::02	5W08K01	OUTPUT		1.12	1	✓	✓	✓		
16:25		H058E::02	5W0604	MASTW-2		1	1	✓	✓	✓		
18:19		H058F::02	5W0601	MASTW-7		5	5	✓	✓	✓	1:5	
19:23		H058G::02	5W0602	MASTW-70P		5	5	✓	✓	✓	1:5	
20:06		H058H::02	5W0605	MASTW-6		1	1	✓	✓	✓		
20:49		H058I::02	5W0603	W00003		1.51	1	✓	✓	✓	RE	
21:37		H058J::02	5W0601	WC/D07/00P		20	20	✓	✓	✓	1:20	
22:16		H058K::02	5W0601	"		1	1	✓	✓	✓		
16:29		H058L::02	SPICE CUEUC	12427		1	1	✓	✓	✓		
17:13		H058M::02	BLANK BLANK	12427		1	1	✓	✓	✓	RE	

Data Subject To Validation

000074

300688