Extended Raw Data

Level III

Project # F0J170121

Analysis: 826013
(WATERS)

000277

8260B INITIAL CALIBRATION DATA

DATE ANALYZED: 10-13-2020

INSTRUMENT ID: MC

SAMPLES: EOJ 170121

Batch ID: _____

GC/MS VOA Run Log

FJK 11/4/00

☐ EPA 524.2 ☐ EPA 624 ☑ SW8260B [SOP: CORP-MS-0002 Rev 2] ☐ 5030B ☐ 5035

[redacted] MSC	EM Set: 1647	Tune File: BFB U	Seq File: 10/13/BC
Init. Cal ID: 826BLL			Date: 10/13/2000 PM

Inj. Time	Analyst	File ID	Work Order #	AS #	Matrix	Sample Wt/Vol	Dil.	I.S.	Run	Rerun	pH	Comments
16:44	AD	CT 1204	50ng BFB			1µ			✓			MSV0021198-1
17:00		CS2044	.5 ppb 826013	1	L	5mL	1.0	161	✓			E1254-1; S1254-2; SD1254-2
17:30		CS2045	1 ppb 826013	2				163	✓			
18:00		CS2046	5 ppb 826013	3				161	✓			
18:30		CS2047	10 ppb 826013	4				161	✓			
19:00		CS2048	50 ppb 826013	5				157	✓			
19:30		CS2049	100 ppb 826013	6				132	✓			
20:02		C09780	MB-1013BC	7				52	✓			
20:31		81	LCS-1013BC	1				160	✓			SECOND SOURCE OC253-1
21:07		82	MB-1013BC	7				166	✓			
21:40		83	DLP6C101	7				169	✓		2	EOJ060287-2
22:10		84	DLM48E101	8				151	✓			EOJ130239-1
22:40		85	DLTAM101	9				157	✓			EOJ090226-1
23:10		86	DLTDP101	10				149	✓			-21
23:40		87	DLTDK101	11				141	✓			EOJ090227-27
0:10		88	DM1A91AA	12				154	✓			EOJ110284-29
0:40		89	DM1CC1AA	13				137	✓			-30
1:10		90	DM1DN1AA	14				157	✓			EOJ110292-1
1:40		91	DM1EK1AA	15				142	✓			-13
2:10		92	DLP6C102MS	16				158	✓			EOJ060287-2M
2:40		93	DLP6C103MSD	1				158	✓			-2MS
3:10		94	DLTDP102MS	2				159	✓			EOJ090226-21M
3:40		C097 95	DLTDP103MD	3				90	✓	✓		-21MS
				4								

000279

10-16-00

G:\FORMS\Run Log\MSV Runlog.DOC

Version 01/04/99

BOE-C6-0173287

STL Los Angeles

INITIAL CALIBRATION DATA

Start Cal Date : 13-OCT-2000 17:00
End Cal Date : 13-OCT-2000 19:30
Quant Method : ISTD
Origin : Disabled
Target Version : 4.00
Integrator : HP RTE
Method file : \\SANP2010\D\chem\mc.i\1013BC.B\8260BCL.M
Cal Date : 13-Oct-2000 21:20 DONGA
Curve Type : Average

Calibration File Names:
Level 1: \\SANP2010\D\chem\mc.i\1013BC.B\CS2045.D
Level 2: \\SANP2010\D\chem\mc.i\1013BC.B\CS2046.D
Level 3: \\SANP2010\D\chem\mc.i\1013BC.B\CS2047.D
Level 4: \\SANP2010\D\chem\mc.i\1013BC.B\CS2048.D
Level 5: \\SANP2010\D\chem\mc.i\1013BC.B\CS2049.D
Level 6: \\SANP2010\D\chem\mc.i\1013BC.B\CS2044.D

BM 10/12/2000
10-16-00

	Compound	1.000 Level 1	5.000 Level 2	10.000 Level 3	50.000 Level 4	100.000 Level 5	0.50000 Level 6	RRF	% RSD	
	1 Dichlorodifluoromethane	0.49651	0.48912	0.47578	0.45591	0.47329	+++++	0.47812	3.276	
	2 Chloromethane (**)	0.18600	0.17411	0.18335	0.16076	0.18682	+++++	0.17821	6.163	
	3 Vinyl chloride (*)	+++++	0.22088	0.21270	0.21093	0.22309	0.19687	0.21289	4.861	
	4 Bromomethane	0.22311	0.20660	0.21315	0.24098	0.24160	+++++	0.22509	7.071	
	5 Chloroethane	0.14179	0.14651	0.14745	0.12882	0.12350	+++++	0.13761	7.876	
	6 Trichlorofluoromethane	0.80921	0.81289	0.79698	0.76808	0.78705	+++++	0.79484	2.280	
	7 Acrolein	0.01686	0.01748	0.01710	0.01680	0.01861	+++++	0.01737	4.279	
	8 1,1-Dichloroethene(*)	0.29792	0.28106	0.28711	0.27355	0.29140	+++++	0.28621	3.277	
	9 1,1,2-Trichlorotrifluoroethan	0.49456	0.49171	0.47858	0.45078	0.46830	+++++	0.47679	3.767	
	10 Iodomethane	0.40952	0.55430	0.59744	0.55758	0.44005	+++++	0.51178	16.008	
	11 Acetone	0.03105	0.02318	0.02146	0.01628	0.01273	+++++	0.02094	33.489	<-
	12 Carbon disulfide	0.49939	0.55069	0.57489	0.62189	0.58818	+++++	0.56701	8.063	
	13 Methylene chloride	0.23369	0.23501	0.23667	0.22469	0.20870	+++++	0.22775	5.100	
	14 Acrylonitrile	0.00219	0.00345	0.00313	0.00311	0.00260	+++++	0.00290	17.167	<-
	15 t-Butanol	0.00609	0.00567	0.00526	0.00528	0.00382	+++++	0.00522	16.396	<-
	16 Vinyl acetate	0.29434	0.31153	0.30140	0.31021	0.28663	+++++	0.30083	3.512	
	17 trans-1,2-Dichloroethene	0.32296	0.33322	0.32759	0.31772	0.33545	+++++	0.32739	2.225	
	18 Methyl-tert-butyl ether[MTBE]	0.31209	0.30527	0.30191	0.28780	0.22510	+++++	0.28643	12.363	
	19 1,1-Dichloroethane (**)	0.51383	0.53312	0.52212	0.52051	0.53548	+++++	0.52501	1.728	
	20 Isopropyl ether	0.72858	0.71568	0.70437	0.68798	0.66076	+++++	0.69947	3.759	
	21 Tert-butyl ethyl ether	0.56493	0.57977	0.57953	0.56445	0.51679	+++++	0.56109	4.611	
M	22 1,2-Dichloroethene (total)	0.29368	0.32798	0.32779	0.31644	0.32045	+++++	0.31727	4.438	
	23 2,2-Dichloropropane	0.16802	0.24897	0.28426	0.43256	0.45558	+++++	0.31788	38.673	<-
	24 cis-1,2-Dichloroethene	0.26439	0.32274	0.32799	0.31517	0.30545	+++++	0.30715	8.257	
	25 2-Butanone	0.03018	0.02554	0.02285	0.02198	0.01773	+++++	0.02365	19.452	

STL Los Angeles

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End Cal Date : 13-OCT-2000 19:30
Quant Method : ISTD
Origin : Disabled
Target Version : 4.00
Integrator : HP RTE
Method file : \\SANP2010\D\chem\mc.i\1013BC.B\8260BCL.M
Cal Date : 13-Oct-2000 21:20 DONGA
Curve Type : Average

	Compound	1.000 Level 1	5.000 Level 2	10.000 Level 3	50.000 Level 4	100.000 Level 5	0.50000 Level 6	RRF	% RSD	
	26 Bromochloromethane	0.16248	0.16239	0.15663	0.14748	0.11376	+++++	0.14855	13.724	
	27 Tetrahydrofuran	0.00568	0.01326	0.01510	0.01421	0.01114	+++++	0.01188	31.711	<-
	28 Chloroform (*)	0.80274	0.79476	0.77308	0.74870	0.69296	+++++	0.76245	5.791	
	30 1,1,1-Trichloroethane	0.70831	0.74660	0.75846	0.75013	0.74202	+++++	0.74110	2.604	
	31 Carbon Tetrachloride	+++++	0.71493	0.74104	0.73773	0.72805	0.55470	0.69529	11.398	
	32 1,1-Dichloropropene	0.58222	0.58268	0.57319	0.55465	0.56024	+++++	0.57059	2.233	
	34 1,2-Dichloroethane-d4 2nd	0.04398	0.04856	0.04657	0.04536	0.03568	+++++	0.04403	11.271	
	35 Benzene	0.80780	0.82182	0.81915	0.77812	0.74533	+++++	0.79444	4.087	
	36 1,2-Dichloroethane	+++++	0.35244	0.33705	0.31499	0.25543	0.34468	0.32092	12.211	
	37 Tert-amyl methyl ether	0.42944	0.42620	0.40970	0.41156	0.33946	+++++	0.40327	9.105	
	39 Trichloroethene	0.52815	0.51592	0.50277	0.48801	0.48149	+++++	0.50327	3.831	
	40 1,2-Dichloropropane(*)	0.28774	0.28430	0.28608	0.27461	0.24423	+++++	0.27539	6.591	
	41 Dibromomethane	0.19885	0.20865	0.20724	0.18947	0.13662	+++++	0.18816	15.847	
	42 Bromodichloromethane	0.49216	0.57162	0.58614	0.59751	0.49967	+++++	0.54942	9.058	
	43 2-Chloroethylvinyl ether	+++++	0.00423	0.00503	0.00653	0.00362	+++++	0.00485	25.961	<-
	44 1-Bromo-2-chloroethane	0.24861	0.26164	0.27206	0.28149	0.21454	+++++	0.25567	10.186	
	45 cis-1,3-Dichloropropene	+++++	0.31885	0.33707	0.36203	0.30824	0.22437	0.31011	16.797	
	46 4-Methyl-2-pentanone	0.06595	0.07222	0.07387	0.07007	0.05636	+++++	0.06770	10.333	
	48 Toluene (*)	1.38482	1.42173	1.41791	1.35924	1.38923	+++++	1.39458	1.847	
	49 trans-1,3-Dichloropropene	+++++	0.27269	0.28882	0.33405	0.29669	0.18257	0.27496	20.491	
	50 1,1,2-Trichloroethane	0.24555	0.24456	0.24778	0.23277	0.19897	+++++	0.23393	8.718	
	51 Tetrachloroethene	0.74859	0.75306	0.73460	0.68926	0.71727	+++++	0.72855	3.573	
	52 1,3-Dichloropropane	0.39028	0.39103	0.39896	0.37596	0.32363	+++++	0.37597	8.089	
	53 2-Hexanone	0.08632	0.06126	0.06524	0.06513	0.05362	+++++	0.06631	18.303	
	54 Dibromochloromethane	0.40195	0.48973	0.53259	0.55850	0.49047	+++++	0.49465	12.024	
	55 1,2-Dibromoethane	0.30346	0.32936	0.33945	0.33065	0.28140	+++++	0.31686	7.557	
	57 Chlorobenzene (**)	1.08512	1.10768	1.08767	1.05573	1.02377	+++++	1.07199	3.052	
	58 1,1,1,2-Tetrachloroethane	0.49575	0.55588	0.56949	0.55382	0.51429	+++++	0.53784	5.812	
	59 Ethylbenzene (*)	0.53678	0.53057	0.53365	0.50952	0.53624	+++++	0.52935	2.145	
	60 m,p-Xylenes	0.65367	0.66826	0.66882	0.63135	0.63643	+++++	0.65171	2.678	
M	61 Xylenes (total)	0.63945	0.65324	0.64800	0.61571	0.61753	+++++	0.63479	2.727	
	62 o-Xylene	0.61100	0.62321	0.60638	0.58443	0.57971	+++++	0.60095	3.057	
	63 Styrene	0.85728	0.91567	0.91995	0.87813	0.82064	+++++	0.87833	4.728	

STL Los Angeles

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Curve Type : Average

Compound	1.000 Level 1	5.000 Level 2	10.000 Level 3	50.000 Level 4	100.000 Level 5	0.50000 Level 6	RRF	% RSD	
64 Bromoform (**)	0.19290	0.26492	0.29249	0.32388	0.28250	+++++	0.27134	17.985	
65 Isopropylbenzene	2.05959	2.14926	2.13729	2.00208	2.13483	+++++	2.09661	3.035	
67 4-Bromofluorobenzene-2nd	0.67813	0.66370	0.65612	0.55201	0.51027	+++++	0.61205	12.373	
68 Bromobenzene	0.94529	0.92107	0.95433	0.97692	0.99264	+++++	0.95805	2.904	
69 1,1,2,2-Tetrachloroethane(**)	0.46735	0.44798	0.46776	0.47733	0.43752	+++++	0.45959	3.548	
70 1,2,3-Trichloropropane	0.11090	0.12127	0.12831	0.12960	0.11728	+++++	0.12147	6.407	
71 n-Propylbenzene	3.57614	3.92424	3.97675	4.14361	4.69307	+++++	4.06276	10.053	
72 2-Chlorotoluene	0.81673	0.79867	0.79228	0.79732	0.85978	+++++	0.81296	3.415	
73 4-Chlorotoluene	0.73369	0.79770	0.79761	0.79448	0.83163	+++++	0.79102	4.486	
74 1,3,5-Trimethylbenzene	2.80071	2.77688	2.74623	2.77804	3.08201	+++++	2.83677	4.881	
75 tert-Butylbenzene	2.97631	3.01819	3.05441	3.08194	3.47642	+++++	3.12145	6.483	
76 1,2,4-Trimethylbenzene	2.70331	2.73289	2.74400	2.72471	2.99103	+++++	2.77919	4.295	
77 sec-Butylbenzene	4.00106	4.02006	4.01515	4.05092	4.72902	+++++	4.16324	7.609	
78 1,3-Dichlorobenzene	1.68534	1.71342	1.67732	1.70132	1.75687	+++++	1.70685	1.832	
80 p-Isopropyltoluene	3.45055	3.43751	3.38603	3.33973	3.71814	+++++	3.46639	4.254	
81 1,4-Dichlorobenzene	1.86500	1.70800	1.73562	1.67203	1.62949	+++++	1.72203	5.185	
82 1,2-Dichlorobenzene	1.39482	1.40406	1.35719	1.38131	1.35502	+++++	1.37848	1.595	
83 n-Butylbenzene	3.27005	3.32819	3.36417	3.36537	3.82423	+++++	3.43040	6.516	
84 1,2-Dibromo-3-chloropropane	0.04309	0.08498	0.09733	0.11561	0.10661	+++++	0.08952	31.644	<-
85 1,2,4-Trichlorobenzene	1.17749	1.21916	1.28077	1.33682	1.32355	+++++	1.26756	5.374	
86 Hexachlorobutadiene	1.60768	1.69716	1.71683	1.68878	1.90892	+++++	1.72387	6.469	
87 Napthalene	0.69860	0.77422	0.87364	0.89743	0.76811	+++++	0.80240	10.211	
88 1,2,3-Trichlorobenzene	0.97684	0.97289	0.96721	0.98031	0.92103	+++++	0.96366	2.524	
$ 29 Dibromofluoromethane	0.59139	0.56739	0.54919	0.51711	0.44416	+++++	0.53385	10.677	
$ 33 1,2-Dichloroethane-d4	0.28092	0.26466	0.26396	0.24358	0.19544	+++++	0.24971	13.257	
$ 47 Toluene-d8	1.15639	1.09578	1.09375	1.04503	1.03958	+++++	1.08611	4.354	
$ 66 4-Bromofluorobenzene	0.78314	0.78619	0.77187	0.66377	0.60894	+++++	0.72278	11.265	

Data File: \\SANP2010\D\chem\mc.i\1013BC.B/CS2049.D
Report Date: 10/13/2000

INITIAL CALIBRATION REPORT

Instrument ID: mc.i
Lab File ID: CS2049.D
Analysis Type: WATER

Injection Date: 13-OCT-2000 19:30
Lab Sample ID: 100PPB 8260BSTD
Method File: \\SANP2010\D\chem\mc.i\1013BC.B\8260BCL

COMPOUND	%RSD
Dichlorodifluoromethane	3.3
Chloromethane (**)	6.2
Vinyl chloride (*)	4.9
Bromomethane	7.1
Chloroethane	7.9
Trichlorofluoromethane	2.3
1,1-Dichloroethene(*)	3.3
1,1,2-Trichlorotrifluoroethan	3.8
Acetone	33.5
Iodomethane	16.0
Carbon disulfide	8.1
Methylene chloride	5.1
t-Butanol	16.4
trans-1,2-Dichloroethene	2.2
Methyl-tert-butyl ether[MTBE]	12.4
Acrolein	4.3
1,1-Dichloroethane (**)	1.7
Vinyl acetate	3.5
Isopropyl ether	3.8
1,2-Dichloroethene (total)	4.4
Tert-butyl ethyl ether	4.6
cis-1,2-Dichloroethene	8.3
2,2-Dichloropropane	38.7
2-Butanone	19.5
Bromochloromethane	13.7
Tetrahydrofuran	31.7
Chloroform (*)	5.8
Dibromofluoromethane	10.7
1,1,1-Trichloroethane	2.6
1,1-Dichloropropene	2.2
Carbon Tetrachloride	11.4
Acrylonitrile	17.2
1,2-Dichloroethane-d4 2nd	11.3
1,2-Dichloroethane-d4	13.3
Benzene	4.1
1,2-Dichloroethane	12.2
Tert-amyl methyl ether	9.1
Trichloroethene	3.8
1,2-Dichloropropane(*)	6.6

Data File: \\SANP2010\D\chem\mc.i\1013BC.B/CS2049.D
Report Date: 10/13/2000

INITIAL CALIBRATION REPORT

Instrument ID: mc.i
Lab File ID: CS2049.D
Analysis Type: WATER

Injection Date: 13-OCT-2000 19:30
Lab Sample ID: 100PPB 8260BSTD
Method File: \\SANP2010\D\chem\mc.i\1013BC.B\

COMPOUND	%RSD
Dibromomethane	15.8
Bromodichloromethane	9.1
1-Bromo-2-chloroethane	10.2
2-Chloroethylvinyl ether	26.0
cis-1,3-Dichloropropene	16.8
4-Methyl-2-pentanone	10.3
Toluene-d8	4.4
Toluene (*)	1.8
trans-1,3-Dichloropropene	20.5
1,1,2-Trichloroethane	8.7
Tetrachloroethene	3.6
1,3-Dichloropropane	8.1
2-Hexanone	18.3
Dibromochloromethane	12.0
1,2-Dibromoethane	7.6
Chlorobenzene (**)	3.1
1,1,1,2-Tetrachloroethane	5.8
Ethylbenzene (*)	2.1
Xylenes (total)	2.7
m,p-Xylenes	2.7
o-Xylene	3.1
Styrene	4.7
Bromoform (**)	18.0
Isopropylbenzene	3.0
4-Bromofluorobenzene	11.3
4-Bromofluorobenzene-2nd	12.4
Bromobenzene	2.9
1,1,2,2-Tetrachloroethane(**)	3.5
1,2,3-Trichloropropane	6.4
n-Propylbenzene	10.1
2-Chlorotoluene	3.4
4-Chlorotoluene	4.5
1,3,5-Trimethylbenzene	4.9
tert-Butylbenzene	6.5
1,2,4-Trimethylbenzene	4.3
sec-Butylbenzene	7.6
1,3-Dichlorobenzene	1.8
p-Isopropyltoluene	4.3
1,4-Dichlorobenzene	5.2

Data File: \\SANP2010\D\chem\mc.i\1013BC.B/CS2049.D
Report Date: 10/13/2000

INITIAL CALIBRATION REPORT

Instrument ID: mc.i
Lab File ID: CS2049.D
Analysis Type: WATER

Injection Date: 13-OCT-2000 19:30
Lab Sample ID: 100PPB 8260BSTD
Method File: \\SANP2010\D\chem\mc.i\1013BC.B\

COMPOUND	%RSD
1,2-Dichlorobenzene	1.6
n-Butylbenzene	6.5
1,2-Dibromo-3-chloropropane	31.6
1,2,4-Trichlorobenzene	5.4
Hexachlorobutadiene	6.5
Napthalene	10.2
1,2,3-Trichlorobenzene	2.5

The average of all %RSD's in the initial calibration is 8.8

10/13/2000
10-16-00

STL Los Angeles

Data file : \\SANP2010\D\chem\mc.i\1013BC.B\CT1204.D
Lab Smp Id:
Inj Date : 13-OCT-2000 16:44
Operator : AD Inst ID: mc.i
Smp Info : 50NG BFB,BFB,,,,,,BFB.M
Misc Info : 1UL;MSVOA1198-2,,,,3,ALL.SUB
Comment :
Method : \\SANP2010\D\chem\mc.i\1013BC.B\BFB.M
Meth Date : 23-May-2000 08:08 kentf Quant Type: ISTD
Cal Date : Cal File:
Als bottle: 2 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.00 Sample Matrix: WATER

Concentration Formula: Amt * DF * Uf * Vf * VI

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vf	1.000	Volumetric correction factor
VI	1.000	Injection Volume

RT	EXP RT	(REL RT)	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/L)	TARGET RANGE	RATIO
1 p-Bromofluorobenzene						CAS #: 460-00-4		
2.1451	2.1000	(0.000)	95	81802			0.00- 100.00	100.00
2.1451	2.1000	(0.000)	50	19304			15.00- 40.00	23.60
2.1451	2.1000	(0.000)	75	42832			30.00- 60.00	52.36
2.1451	2.1000	(0.000)	96	6113			5.00- 9.00	7.47
2.1451	2.1000	(0.000)	173	0			0.00- 2.00	0.00
2.1451	2.1000	(0.000)	174	70997			50.00- 0.00	86.79
2.1451	2.1000	(0.000)	175	5608			5.00- 9.00	7.90
2.1451	2.1000	(0.000)	176	69992			95.00- 101.00	98.58
2.1451	2.1000	(0.000)	177	4761			5.00- 9.00	6.80

AM 10/13/2000
10-16-00

Data File: \\SANP2010\D\chem\mc.i\1013BC.B\CT1204.D

Date : 13-OCT-2000 16:44

Client ID:

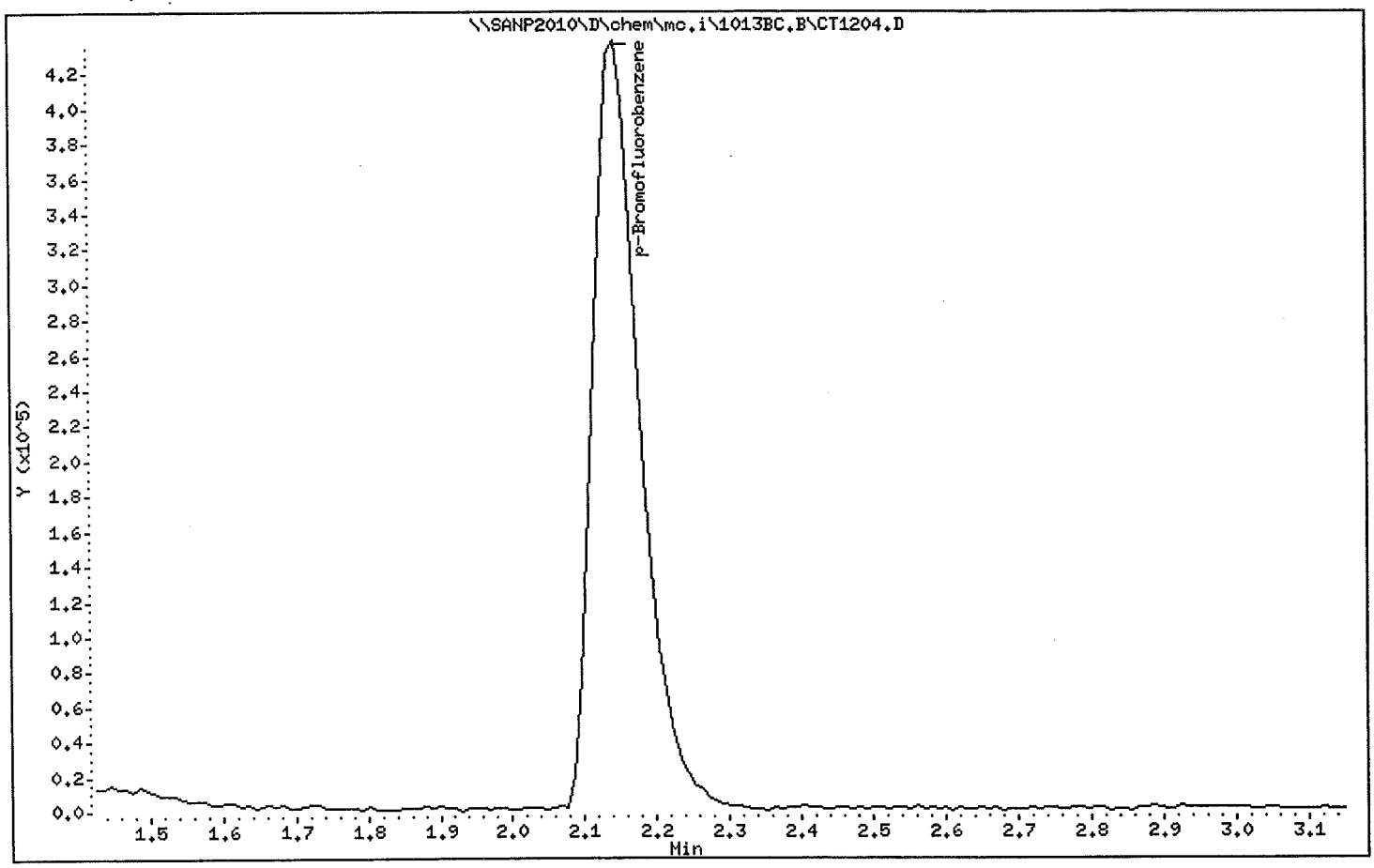
Instrument: mc.i

Sample Info: 50NG BFB,BFB,,,,,,BFB.M

Operator: AD

Column phase: J&W DB-624

Column diameter: 0.53



Data File: \\SANP2010\D\chem\mc.i\1013BC.B\CT1204.D

Date : 13-OCT-2000 16:44

Client ID:

Instrument: mc.i

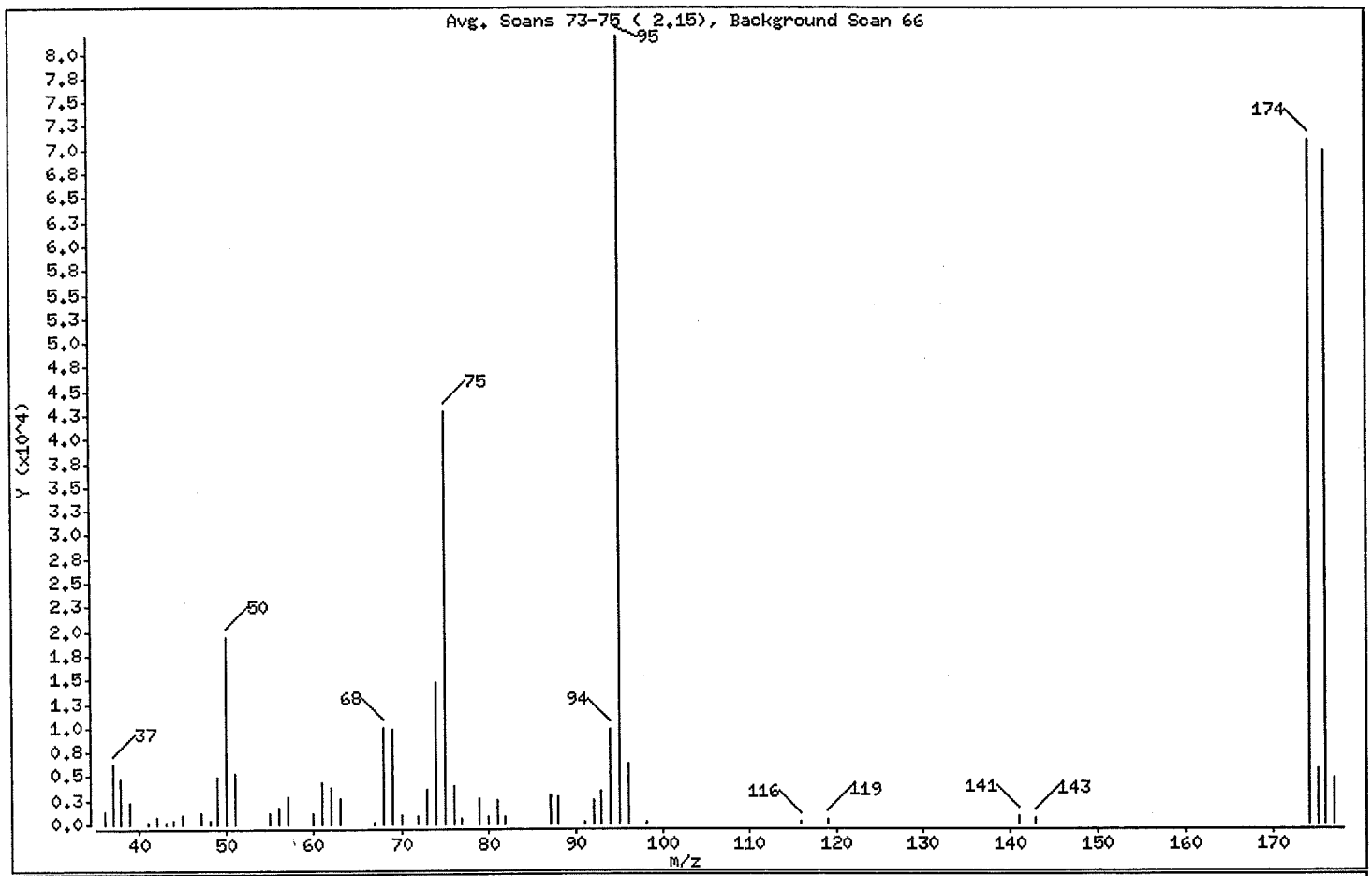
Sample Info: 50NG BFB,BFB,,,,,,BFB.M

Operator: AD

Column phase: J&W DB-624

Column diameter: 0.53

1 p-Bromofluorobenzene



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	23.60
75	30.00 - 60.00% of mass 95	52.36
96	5.00 - 9.00% of mass 95	7.47
173	Less than 2.00% of mass 174	0.00 (0.00)
174	Greater than 50.00% of mass 95	86.79
175	5.00 - 9.00% of mass 174	6.86 (7.90)
176	95.00 - 101.00% of mass 174	85.56 (98.58)
177	5.00 - 9.00% of mass 176	5.82 (6.80)

Data File: \\SANP2010\D\chem\mc.i\1013BC.B\CT1204.D

Date : 13-OCT-2000 16:44

Client ID:

Instrument: mc.i

Sample Info: 50NG BFB,BFB,,,,,,BFB.M

Operator: AD

Column phase: J&W DB-624

Column diameter: 0.53

Data File: CT1204.D
Spectrum: Avg. Scans 73-75 (2.15), Background Scan 66
Location of Maximum: 95.00
Number of points: 52

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1303	55.00	1201	75.00	42832	96.00	6113
37.00	6152	56.00	1614	76.00	3943	98.00	192
38.00	4611	57.00	2913	77.00	618	116.00	204
39.00	2188	60.00	1051	79.00	2659	119.00	375
41.00	190	61.00	4355	80.00	793	141.00	707
42.00	731	62.00	3845	81.00	2466	143.00	598
43.00	173	63.00	2592	82.00	715	174.00	70992
44.00	325	67.00	171	87.00	2946	175.00	5608
45.00	1021	68.00	9886	88.00	2816	176.00	69992
47.00	1175	69.00	9757	91.00	252	177.00	4761
48.00	394	70.00	912	92.00	2403		
49.00	4956	72.00	718	93.00	3349		
50.00	19304	73.00	3613	94.00	9815		
51.00	5314	74.00	14592	95.00	81800		

STL Los Angeles

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: mc.i
Lab File ID: CS2044.D
Lab Smp Id: 0.5PPB 8260BSTD
Analysis Type: VOA
Quant Type: ISTD
Operator: AD
Method File: \\SANP2010\D\chem\mc.i\1013BC.B\8260BCL.m
Misc Info: ,25,,,1,1-8260B.SUB

Calibration Date: 13-OCT-2000
Calibration Time: 18:30

Level: LOW
Sample Type: WATER

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	1611523	805762	3223046	1659284	2.96
56 Chlorobenzene-d5	1211181	605591	2422362	1212914	0.14
79 1,4-Dichlorobenze	758273	379137	1516546	733740	-3.24

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	8.02	7.52	8.52	8.02	0.05
56 Chlorobenzene-d5	13.49	12.99	13.99	13.50	0.10
79 1,4-Dichlorobenze	18.11	17.61	18.61	18.13	0.07

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

STL Los Angeles

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: mc.i
Lab File ID: CS2045.D
Lab Smp Id: 1PPB 8260BSTD
Analysis Type: VOA
Quant Type: ISTD
Operator: AD
Method File: \\SANP2010\D\chem\mc.i\1013BC.B\8260BCL.m
Misc Info: ,25,,,1,1-8260B.SUB

Calibration Date: 13-OCT-2000
Calibration Time: 18:30

Level: LOW
Sample Type: WATER

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	1611523	805762	3223046	1638508	1.67
56 Chlorobenzene-d5	1211181	605591	2422362	1235021	1.97
79 1,4-Dichlorobenze	758273	379137	1516546	763117	0.64

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	8.02	7.52	8.52	8.03	0.12
56 Chlorobenzene-d5	13.49	12.99	13.99	13.49	-0.00
79 1,4-Dichlorobenze	18.11	17.61	18.61	18.12	0.05

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

STL Los Angeles

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: mc.i
Lab File ID: CS2046.D
Lab Smp Id: 5PPB 8260BSTD
Analysis Type: VOA
Quant Type: ISTD
Operator: AD
Method File: \\SANP2010\D\chem\mc.i\1013BC.B\8260BCL.m
Misc Info: ,25,,,1,1-8260B.SUB

Calibration Date: 13-OCT-2000
Calibration Time: 18:30

Level: LOW
Sample Type: WATER

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	1611523	805762	3223046	1613881	0.15
56 Chlorobenzene-d5	1211181	605591	2422362	1216119	0.41
79 1,4-Dichlorobenze	758273	379137	1516546	775010	2.21

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	8.02	7.52	8.52	8.02	0.00
56 Chlorobenzene-d5	13.49	12.99	13.99	13.48	-0.07
79 1,4-Dichlorobenze	18.11	17.61	18.61	18.12	0.06

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

STL Los Angeles

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: mc.i
Lab File ID: CS2047.D
Lab Smp Id: 10PPB 8260BSTD
Analysis Type: VOA
Quant Type: ISTD
Operator: AD
Method File: \\SANP2010\D\chem\mc.i\1013BC.B\8260BCL.m
Misc Info: ,25,,,1,1-8260B.SUB

Calibration Date: 13-OCT-2000
Calibration Time: 18:30

Level: LOW
Sample Type: WATER

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	1611523	805762	3223046	1611523	0.00
56 Chlorobenzene-d5	1203388	601694	2406776	1203388	0.00
79 1,4-Dichlorobenze	755803	377902	1511606	755803	0.00

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	8.02	7.52	8.52	8.02	0.00
56 Chlorobenzene-d5	13.49	12.99	13.99	13.49	0.00
79 1,4-Dichlorobenze	18.11	17.61	18.61	18.11	0.00

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

STL Los Angeles

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: mc.i
Lab File ID: CS2048.D
Lab Smp Id: 50PPB 8260BSTD
Analysis Type: VOA
Quant Type: ISTD
Operator: AD
Method File: \\SANP2010\D\chem\mc.i\1013BC.B\8260BCL.m
Misc Info: ,25,,,1,1-8260B.SUB

Calibration Date: 13-OCT-2000
Calibration Time: 20:31

Level: LOW
Sample Type: WATER

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	1662289	831145	3324578	1579493	-4.98
56 Chlorobenzene-d5	1178377	589189	2356754	1124179	-4.60
79 1,4-Dichlorobenze	708111	354056	1416222	650788	-8.10

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	8.02	7.52	8.52	8.02	-0.02
56 Chlorobenzene-d5	13.49	12.99	13.99	13.48	-0.08
79 1,4-Dichlorobenze	18.12	17.62	18.62	18.12	-0.01

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

STL Los Angeles

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: mc.i
Lab File ID: CS2049.D
Lab Smp Id: 100PPB 8260BSTD
Analysis Type: VOA
Quant Type: ISTD
Operator: AD
Method File: \\SANP2010\D\chem\mc.i\1013BC.B\8260BCL.m
Misc Info: ,25,,,1,1-8260B.SUB

Calibration Date: 13-OCT-2000
Calibration Time: 20:31

Level: LOW
Sample Type: WATER

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	1662289	831145	3324578	1325546	-20.26
56 Chlorobenzene-d5	1178377	589189	2356754	894739	-24.07
79 1,4-Dichlorobenze	708111	354056	1416222	466527	-34.12

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	8.02	7.52	8.52	8.05	0.34
56 Chlorobenzene-d5	13.49	12.99	13.99	13.50	0.06
79 1,4-Dichlorobenze	18.12	17.62	18.62	18.13	0.04

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2010\D\chem\mc.i\1013BC.B\CS2044.D
Lab Smp Id: 0.5PPB 8260BSTD
Inj Date : 13-OCT-2000 17:00
Operator : AD Inst ID: mc.i
Smp Info : 0.5PPB 8260BSTD,,,6,0,,,8260BCL.M
Misc Info : ,25,,,1,1-8260B.SUB
Comment :
Method : \\SANP2010\D\chem\mc.i\1013BC.B\8260BCL.m
Meth Date : 13-Oct-2000 20:16 DONGA Quant Type: ISTD
Cal Date : 13-OCT-2000 17:00 Cal File: CS2044.D
Als bottle: 1 Calibration Sample, Level: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 1-8260B.SUB
Target Version: 4.00
Processing Host: SANP2010

Concentration Formula: Amt * DF * Uf * Vod/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Fctor
Vod	25.000	Default Sample Volume
Vo	25.000	Sample Volume

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
1 Dichlorodifluoromethane	85	1.853	1.860	(0.231)	37348	0.50000	0.471(a)
2 Chloromethane (**)	50	2.031	2.086	(0.253)	1574	0.50000	0.104(a)
3 Vinyl chloride (*)	62	2.149	2.155	(0.268)	16333	0.50000	0.462(a)
4 Bromomethane	94	2.504	2.481	(0.312)	18557	0.50000	0.497(a)
5 Chloroethane	64	2.612	2.589	(0.326)	8182	0.50000	0.358(a)
6 Trichlorofluoromethane	101	2.888	2.904	(0.360)	61817	0.50000	0.469(a)
7 Acrolein	56	5.017	5.043	(0.625)	10832	0.50000	3.76(a)
8 1,1-Dichloroethene(*)	96	3.509	3.515	(0.437)	21730	0.50000	0.468(a)
9 1,1,2-Trichlorotrifluoroethan	151	3.499	3.545	(0.436)	35814	0.50000	0.453(a)
10 Iodomethane	142	3.687	3.703	(0.459)	51593	0.50000	0.608(a)
11 Acetone	43	3.568	3.575	(0.445)	16311	0.50000	4.69(a)
12 Carbon disulfide	76	3.785	3.801	(0.472)	35100	0.50000	0.293(a)
13 Methylene chloride	84	4.150	4.176	(0.517)	6421	0.50000	0.170(a)
16 Vinyl acetate	43	5.352	5.368	(0.667)	47580	0.50000	1.04(a)
17 trans-1,2-Dichloroethene	96	4.564	4.590	(0.569)	18337	0.50000	0.338(a)

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
	18 Methyl-tert-butyl ether[MTBE]	73	4.593	4.619	(0.573)	17645	0.50000	0.371(a)
	19 1,1-Dichloroethane (**)	63	5.165	5.220	(0.644)	37493	0.50000	0.430(a)
	20 Isopropyl ether	45	5.342	5.398	(0.666)	31089	0.50000	0.268(a)
	21 Tert-butyl ethyl ether	59	5.963	5.970	(0.743)	24505	0.50000	0.263(a)
M	22 1,2-Dichloroethene (total)	100				42529	0.50000	0.812(a)
	24 cis-1,2-Dichloroethene	96	6.091	6.147	(0.759)	24192	0.50000	0.475(a)
	25 2-Butanone	43	6.170	6.167	(0.769)	7580	0.50000	1.92(a)
	26 Bromochloromethane	128	6.466	6.511	(0.806)	4941	0.50000	0.200(a)
	28 Chloroform (*)	83	6.643	6.669	(0.828)	65111	0.50000	0.515
$	29 Dibromofluoromethane	111	6.900	6.926	(0.860)	39632	0.50000	0.447(a)
	30 1,1,1-Trichloroethane	97	6.910	6.965	(0.861)	51068	0.50000	0.415(a)
	31 Carbon Tetrachloride	117	7.215	7.251	(0.899)	46020	0.50000	0.399(a)
	32 1,1-Dichloropropene	75	7.186	7.241	(0.896)	44120	0.50000	0.465(a)
	34 1,2-Dichloroethane-d4 2nd	102	7.452	7.458	(0.929)	1643	0.50000	0.225(a)
	35 Benzene	78	7.530	7.576	(0.939)	65850	0.50000	0.500
	36 1,2-Dichloroethane	62	7.550	7.596	(0.941)	28596	0.50000	0.535(a)
	37 Tert-amyl methyl ether	73	7.816	7.822	(0.974)	30592	0.50000	0.457(a)
*	38 Fluorobenzene	96	8.023	8.049	(1.000)	1659284	10.0000	
	39 Trichloroethene	130	8.664	8.690	(1.080)	37809	0.50000	0.453(a)
	40 1,2-Dichloropropane(*)	63	9.028	9.044	(1.125)	20445	0.50000	0.447(a)
	41 Dibromomethane	93	9.226	9.242	(1.150)	13851	0.50000	0.444(a)
	42 Bromodichloromethane	83	9.531	9.547	(1.188)	38072	0.50000	0.418(a)
	44 1-Bromo-2-chloroethane	63	10.034	10.069	(1.251)	7218	0.50000	0.170(a)
	45 cis-1,3-Dichloropropene	75	10.339	10.355	(1.289)	18615	0.50000	0.362(a)
	46 4-Methyl-2-pentanone	43	10.665	10.661	(1.329)	16535	0.50000	1.47(a)
$	47 Toluene-d8	98	10.803	10.848	(0.800)	19232	0.50000	0.146(a)
	49 trans-1,3-Dichloropropene	75	11.364	11.380	(0.842)	11072	0.50000	0.332(a)
	50 1,1,2-Trichloroethane	97	11.699	11.696	(0.866)	12463	0.50000	0.440(a)
	51 Tetrachloroethene	164	11.956	11.972	(0.885)	24018	0.50000	0.300(a)
	52 1,3-Dichloropropane	76	11.985	11.991	(0.888)	22838	0.50000	0.500(a)
	53 2-Hexanone	43	12.222	12.198	(0.905)	19308	0.50000	2.88(a)
	54 Dibromochloromethane	129	12.389	12.405	(0.918)	21063	0.50000	0.351(a)
	55 1,2-Dibromoethane	107	12.577	12.583	(0.931)	15632	0.50000	0.406(a)
*	56 Chlorobenzene-d5	117	13.503	13.499	(1.000)	1212914	10.0000	
	57 Chlorobenzene (**)	112	13.542	13.549	(1.003)	61620	0.50000	0.474(a)
	58 1,1,1,2-Tetrachloroethane	131	13.730	13.726	(1.017)	20910	0.50000	0.320(a)
	59 Ethylbenzene (*)	106	13.809	13.815	(1.023)	29025	0.50000	0.452(a)
	60 m,p-Xylenes	106	14.035	14.051	(1.039)	76309	0.50000	0.965(a)
M	61 Xylenes (total)	100				109596	0.50000	1.42
	62 o-Xylene	106	14.794	14.790	(1.096)	33286	0.50000	0.457(a)
	63 Styrene	104	14.824	14.830	(1.098)	46645	0.50000	0.438(a)
	64 Bromoform (**)	173	15.129	15.125	(1.120)	8911	0.50000	0.270(a)
	65 Isopropylbenzene	105	15.543	15.549	(1.151)	116152	0.50000	0.456(a)
$	66 4-Bromofluorobenzene	95	15.809	15.806	(1.171)	46871	0.50000	0.534(a)
	67 4-Bromofluorobenzene-2nd	174	15.819	15.815	(1.172)	37295	0.50000	0.502(a)
	68 Bromobenzene	156	16.056	16.062	(0.886)	33792	0.50000	0.481(a)
	69 1,1,2,2-Tetrachloroethane(**)	83	16.134	16.141	(0.890)	15772	0.50000	0.468(a)

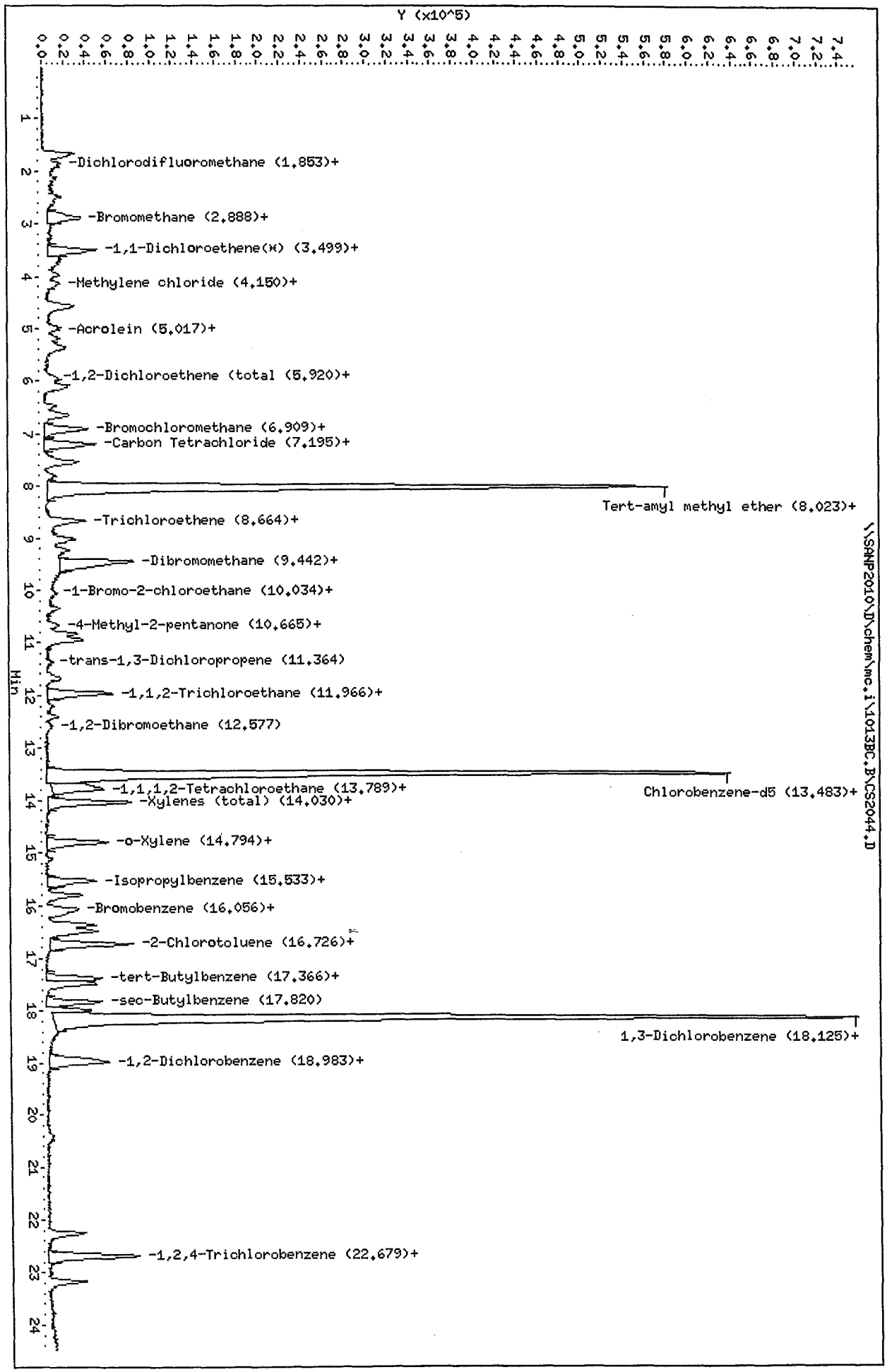
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
70 1,2,3-Trichloropropane	110	16.174	16.180	(0.892)	4463	0.50000	0.502(a)
71 n-Propylbenzene	91	16.371	16.377	(0.903)	125476	0.50000	0.431(a)
72 2-Chlorotoluene	126	16.479	16.495	(0.909)	27695	0.50000	0.466(a)
73 4-Chlorotoluene	126	16.716	16.712	(0.922)	26235	0.50000	0.452(a)
74 1,3,5-Trimethylbenzene	105	16.736	16.752	(0.923)	94766	0.50000	0.456(a)
75 tert-Butylbenzene	119	17.376	17.392	(0.959)	100894	0.50000	0.441(a)
76 1,2,4-Trimethylbenzene	105	17.485	17.491	(0.965)	95182	0.50000	0.467(a)
77 sec-Butylbenzene	105	17.820	17.836	(0.983)	136013	0.50000	0.447(a)
78 1,3-Dichlorobenzene	146	17.997	17.994	(0.993)	64648	0.50000	0.517(a)
* 79 1,4-Dichlorobenzene-d4	152	18.125	18.131	(1.000)	733740	10.0000	
80 p-Isopropyltoluene	119	18.155	18.151	(1.002)	115761	0.50000	0.456(a)
81 1,4-Dichlorobenzene	146	18.155	19.679	(1.002)	69617	0.50000	1.48
82 1,2-Dichlorobenzene	146	18.904	18.910	(1.043)	53836	0.50000	0.533(a)
83 n-Butylbenzene	91	18.983	18.989	(1.047)	108136	0.50000	0.430(a)
85 1,2,4-Trichlorobenzene	180	22.245	22.251	(1.227)	47820	0.50000	0.515(a)
86 Hexachlorobutadiene	225	22.659	22.675	(1.250)	61941	0.50000	0.490(a)
87 Napthalene	128	22.708	22.714	(1.253)	35001	0.50000	0.595(a)
88 1,2,3-Trichlorobenzene	180	23.152	23.158	(1.277)	45052	0.50000	0.638(a)

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).

Data File: \\SANP2010\D\chem\mc.i\1013BC.B\CS2044.D
Date : 13-OCT-2000 17:00
Client ID:
Sample Info: 0.5PPB 8260BSTD,,,6.0,,,8260BCL.M
Purge Volume: 25.0
Column phase: J&W DB-624

Instrument: mc.i
Operator: AD
Column diameter: 0.53



STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2010\D\chem\mc.i\1013BC.B\CS2045.D
Lab Smp Id: 1PPB 8260BSTD
Inj Date : 13-OCT-2000 17:30
Operator : AD Inst ID: mc.i
Smp Info : 1PPB 8260BSTD,,,1,0,,,8260BCL.M
Misc Info : ,25,,,1,1-8260B.SUB
Comment :
Method : \\SANP2010\D\chem\mc.i\1013BC.B\8260BCL.m
Meth Date : 13-Oct-2000 20:16 DONGA Quant Type: ISTD
Cal Date : 13-OCT-2000 17:00 Cal File: CS2044.D
Als bottle: 2 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 1-8260B.SUB
Target Version: 4.00
Processing Host: SANP2010

Concentration Formula: Amt * DF * Uf * Vod/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Fctor
Vod	25.000	Default Sample Volume
Vo	25.000	Sample Volume

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
1 Dichlorodifluoromethane	85	1.850	1.850	(0.230)	81353	1.00000	1.04
2 Chloromethane (**)	50	2.116	2.116	(0.264)	30477	1.00000	1.54(M)
3 Vinyl chloride (*)	62	2.145	2.145	(0.267)	36422	1.00000	1.04
4 Bromomethane	94	2.471	2.471	(0.308)	36557	1.00000	0.991(a)
5 Chloroethane	64	2.589	2.589	(0.322)	23233	1.00000	1.03
6 Trichlorofluoromethane	101	2.894	2.894	(0.360)	132590	1.00000	1.02
7 Acrolein	56	5.013	5.013	(0.624)	27630	10.0000	9.70(a)
8 1,1-Dichloroethene(*)	96	3.476	3.476	(0.433)	48815	1.00000	1.04(M)
9 1,1,2-Trichlorotrifluoroethan	151	3.515	3.515	(0.438)	81034	1.00000	1.04
10 Iodomethane	142	3.683	3.683	(0.459)	134200	2.00000	1.60(a)
11 Acetone	43	3.545	3.545	(0.441)	25441	5.00000	7.41(a)
12 Carbon disulfide	76	3.762	3.762	(0.469)	81826	1.00000	0.693(a)
13 Methylene chloride	84	4.146	4.146	(0.516)	38290	1.00000	1.03
14 Acrylonitrile	53	7.418	7.418	(0.924)	3593	10.0000	7.56(aM)
15 t-Butanol	59	4.590	4.590	(0.572)	3994	4.00000	5.51(aM)

MM 10/13/2000

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	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)	
	16 Vinyl acetate	43	5.368	5.368	(0.669)	96457	2.00000	1.95(aM)	MM 10/13/2000
	17 trans-1,2-Dichloroethene	96	4.560	4.560	(0.568)	52917	1.00000	0.986(a)	
	18 Methyl-tert-butyl ether[MTBE]	73	4.580	4.580	(0.570)	51137	1.00000	1.09	
	19 1,1-Dichloroethane (**)	63	5.181	5.181	(0.645)	84191	1.00000	0.979(a)	
	20 Isopropyl ether	45	5.368	5.368	(0.669)	119379	1.00000	1.04	
	21 Tert-butyl ethyl ether	59	5.960	5.960	(0.742)	92565	1.00000	1.01	
M	22 1,2-Dichloroethene (total)	100				96238	2.00000	1.85	
	23 2,2-Dichloropropane	77	6.107	6.107	(0.761)	27530	1.00000	0.528(a)	
	24 cis-1,2-Dichloroethene	96	6.098	6.098	(0.759)	43321	1.00000	0.861(a)	
	25 2-Butanone	43	6.147	6.147	(0.766)	24721	5.00000	6.34(a)	
	26 Bromochloromethane	128	6.462	6.462	(0.805)	26623	1.00000	1.09	
	27 Tetrahydrofuran	42	6.590	6.590	(0.821)	930	1.00000	0.477(aM)	MM 10/13/2000
	28 Chloroform (*)	83	6.620	6.620	(0.824)	131530	1.00000	1.05	
$	29 Dibromofluoromethane	111	6.886	6.886	(0.858)	96900	1.00000	1.11	
	30 1,1,1-Trichloroethane	97	6.916	6.916	(0.861)	116057	1.00000	0.956(a)	
	31 Carbon Tetrachloride	117	7.201	7.201	(0.897)	103257	1.00000	0.906(a)	
	32 1,1-Dichloropropene	75	7.192	7.192	(0.896)	95397	1.00000	1.02	
$	33 1,2-Dichloroethane-d4	65	7.438	7.438	(0.926)	46029	1.00000	1.12	
	34 1,2-Dichloroethane-d4 2nd	102	7.438	7.438	(0.926)	7206	1.00000	0.999(a)	
	35 Benzene	78	7.537	7.537	(0.939)	132359	1.00000	1.02	
	36 1,2-Dichloroethane	62	7.546	7.546	(0.940)	59334	1.00000	1.12	
	37 Tert-amyl methyl ether	73	7.813	7.813	(0.973)	70364	1.00000	1.06	
*	38 Fluorobenzene	96	8.029	8.029	(1.000)	1638508	10.0000		
	39 Trichloroethene	130	8.670	8.670	(1.080)	86538	1.00000	1.05	
	40 1,2-Dichloropropane(*)	63	9.025	9.025	(1.124)	47147	1.00000	1.04	
	41 Dibromomethane	93	9.212	9.212	(1.147)	32581	1.00000	1.06	
	42 Bromodichloromethane	83	9.537	9.537	(1.188)	80641	1.00000	0.896(a)	
	44 1-Bromo-2-chloroethane	63	10.040	10.040	(1.250)	40735	1.00000	0.972(a)	
	45 cis-1,3-Dichloropropene	75	10.336	10.336	(1.287)	47298	1.00000	0.932(a)	
	46 4-Methyl-2-pentanone	43	10.661	10.661	(1.328)	54029	5.00000	4.87(a)	
$	47 Toluene-d8	98	10.818	10.818	(0.802)	142817	1.00000	1.06	
	48 Toluene (*)	91	10.947	10.947	(0.811)	171028	1.00000	0.992(a)	
	49 trans-1,3-Dichloropropene	75	11.370	11.370	(0.843)	28216	1.00000	0.844(a)	
	50 1,1,2-Trichloroethane	97	11.686	11.686	(0.866)	30326	1.00000	1.05	MM 10/13/2000
	51 Tetrachloroethene	164	11.972	11.972	(0.887)	92452	1.00000	1.03(M)	
	52 1,3-Dichloropropane	76	11.991	11.991	(0.889)	48201	1.00000	1.04	
	53 2-Hexanone	43	12.218	12.218	(0.906)	53301	5.00000	6.50(aM)	MM 10/13/2000
	54 Dibromochloromethane	129	12.395	12.395	(0.919)	49642	1.00000	0.812(a)	
	55 1,2-Dibromoethane	107	12.583	12.583	(0.933)	37478	1.00000	0.957(a)	
*	56 Chlorobenzene-d5	117	13.489	13.489	(1.000)	1235021	10.0000		
	57 Chlorobenzene (**)	112	13.539	13.539	(1.004)	134015	1.00000	1.01	
	58 1,1,1,2-Tetrachloroethane	131	13.716	13.716	(1.017)	61226	1.00000	0.921(a)	
	59 Ethylbenzene (*)	106	13.805	13.805	(1.023)	66294	1.00000	1.01	
	60 m,p-Xylenes	106	14.031	14.031	(1.040)	161460	2.00000	2.00	
M	61 Xylenes (total)	100				236920	3.00000	3.02	
	62 o-Xylene	106	14.771	14.771	(1.095)	75460	1.00000	1.02	
	63 Styrene	104	14.810	14.810	(1.098)	105876	1.00000	0.976(a)	

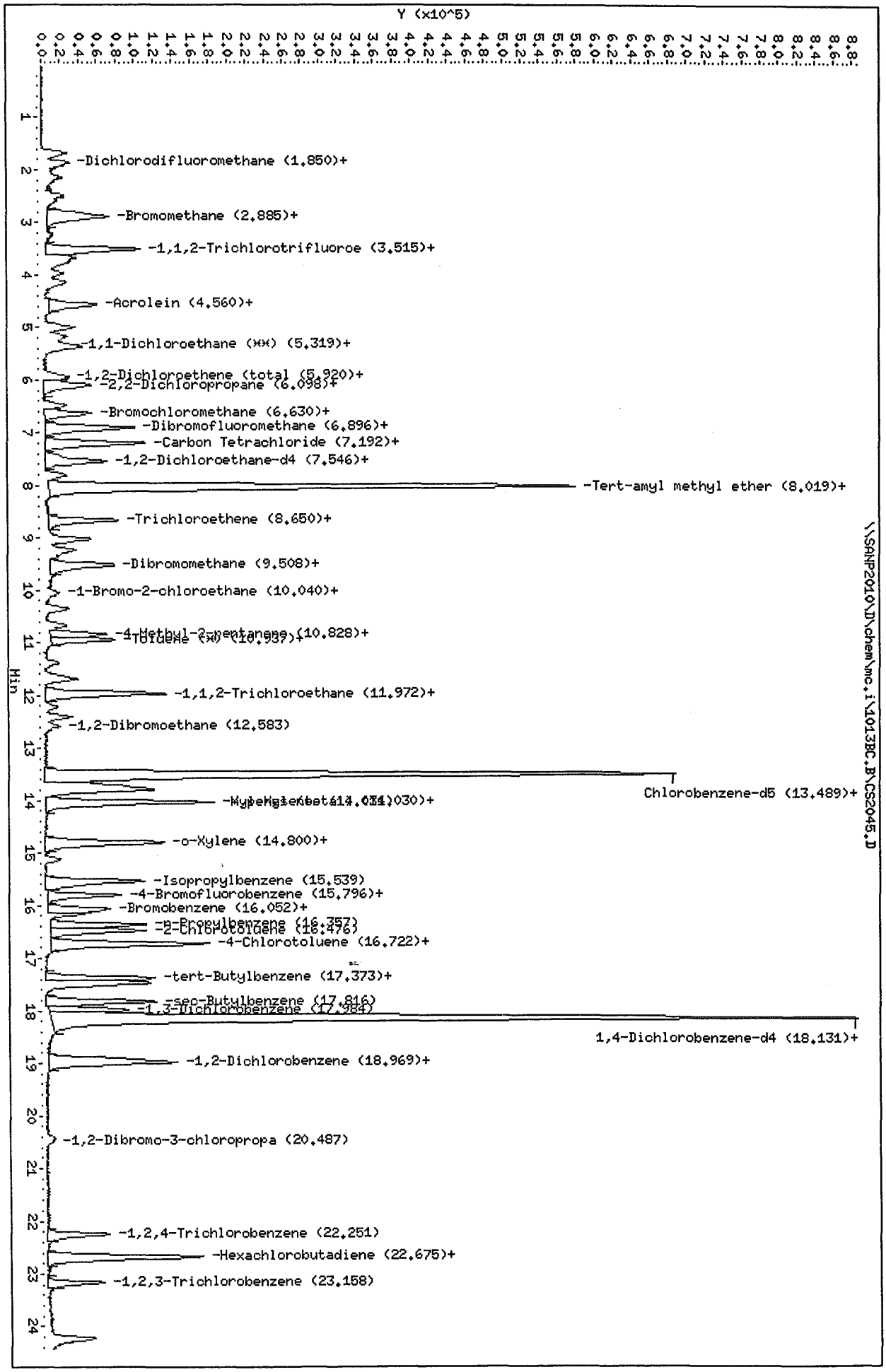
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
64 Bromoform (**)	173	15.106	15.106	(1.120)	23824	1.00000	0.710(a)
65 Isopropylbenzene	105	15.530	15.530	(1.151)	254364	1.00000	0.982(a)
$ 66 4-Bromofluorobenzene	95	15.806	15.806	(1.172)	96720	1.00000	1.08
67 4-Bromofluorobenzene-2nd	174	15.796	15.796	(1.171)	83751	1.00000	1.11
68 Bromobenzene	156	16.052	16.052	(0.886)	72137	1.00000	0.988(a)
69 1,1,2,2-Tetrachloroethane(**)	83	16.131	16.131	(0.890)	35664	1.00000	1.02
70 1,2,3-Trichloropropane	110	16.180	16.180	(0.893)	8463	1.00000	0.916(a)
71 n-Propylbenzene	91	16.357	16.357	(0.903)	272901	1.00000	0.900(a)
72 2-Chlorotoluene	126	16.486	16.486	(0.910)	62326	1.00000	1.01
73 4-Chlorotoluene	126	16.693	16.693	(0.921)	55989	1.00000	0.929(a)
74 1,3,5-Trimethylbenzene	105	16.732	16.732	(0.923)	213727	1.00000	0.990(a)
75 tert-Butylbenzene	119	17.363	17.363	(0.958)	227127	1.00000	0.954(a)
76 1,2,4-Trimethylbenzene	105	17.481	17.481	(0.965)	206294	1.00000	0.974(a)
77 sec-Butylbenzene	105	17.816	17.816	(0.983)	305328	1.00000	0.965(a)
78 1,3-Dichlorobenzene	146	17.974	17.974	(0.992)	128611	1.00000	0.988(a)
* 79 1,4-Dichlorobenzene-d4	152	18.122	18.122	(1.000)	763117	10.0000	
80 p-Isopropyltoluene	119	18.151	18.151	(1.002)	263317	1.00000	0.997(a)
81 1,4-Dichlorobenzene	146	18.181	18.181	(1.003)	142321	1.00000	2.91
82 1,2-Dichlorobenzene	146	18.910	18.910	(1.044)	106441	1.00000	1.01
83 n-Butylbenzene	91	18.969	18.969	(1.047)	249543	1.00000	0.954(a)
84 1,2-Dibromo-3-chloropropane	157	20.487	20.487	(1.131)	3288	1.00000	0.482(a)
85 1,2,4-Trichlorobenzene	180	22.251	22.251	(1.228)	89856	1.00000	0.930(a)
86 Hexachlorobutadiene	225	22.655	22.655	(1.250)	122685	1.00000	0.934(a)
87 Napthalene	128	22.744	22.744	(1.255)	53311	1.00000	0.872(a)
88 1,2,3-Trichlorobenzene	180	23.158	23.158	(1.278)	74544	1.00000	1.01

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.

Data File: \\SANP2010\D\chem\mc.i\1013BC.B\CS2045.D
Date : 13-OCT-2000 17:30
Client ID:
Sample Info: 1PPB 8260BSTD,,,1.0,,,8260BCL.M
Purge Volume: 25.0
Column phase: J&W DB-624

Instrument: mc.i
Operator: AD
Column diameter: 0.53



STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2010\D\chem\mc.i\1013BC.B\CS2046.D
Lab Smp Id: 5PPB 8260BSTD
Inj Date : 13-OCT-2000 18:00
Operator : AD Inst ID: mc.i
Smp Info : 5PPB 8260BSTD,,,2,0,,,8260BCL.M
Misc Info : ,25,,,1,1-8260B.SUB
Comment :
Method : \\SANP2010\D\chem\mc.i\1013BC.B\8260BCL.m
Meth Date : 13-Oct-2000 20:16 DONGA Quant Type: ISTD
Cal Date : 13-OCT-2000 17:00 Cal File: CS2044.D
Als bottle: 3 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 1-8260B.SUB
Target Version: 4.00
Processing Host: SANP2010

Concentration Formula: Amt * DF * Uf * Vod/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Fctor
Vod	25.000	Default Sample Volume
Vo	25.000	Sample Volume

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
1 Dichlorodifluoromethane	85	1.850	1.850	(0.231)	394688	5.00000	5.12
2 Chloromethane (**)	50	2.097	2.097	(0.261)	140493	5.00000	5.84(M)
3 Vinyl chloride (*)	62	2.146	2.146	(0.268)	178241	5.00000	5.18
4 Bromomethane	94	2.471	2.471	(0.308)	166715	5.00000	4.59
5 Chloroethane	64	2.599	2.599	(0.324)	118221	5.00000	5.32
6 Trichlorofluoromethane	101	2.895	2.895	(0.361)	655956	5.00000	5.11
7 Acrolein	56	5.004	5.004	(0.624)	141040	50.0000	50.28
8 1,1-Dichloroethene(*)	96	3.496	3.496	(0.436)	226795	5.00000	4.91
9 1,1,2-Trichlorotrifluoroethan	151	3.506	3.506	(0.437)	396783	5.00000	5.16
10 Iodomethane	142	3.674	3.674	(0.458)	894569	10.0000	10.83
11 Acetone	43	3.545	3.545	(0.442)	93512	25.0000	27.66
12 Carbon disulfide	76	3.772	3.772	(0.470)	444371	5.00000	4.00(M)
13 Methylene chloride	84	4.137	4.137	(0.516)	189640	5.00000	5.16
14 Acrylonitrile	53	7.428	7.428	(0.926)	27846	50.0000	59.48
15 t-Butanol	59	4.403	4.403	(0.549)	18303	20.0000	21.71(aM)

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	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
	16 Vinyl acetate	43	5.339	5.339	(0.666)	502778	10.0000	10.33
	17 trans-1,2-Dichloroethene	96	4.551	4.551	(0.567)	268891	5.00000	5.09
	18 Methyl-tert-butyl ether[MTBE]	73	4.580	4.580	(0.571)	246332	5.00000	5.33
	19 1,1-Dichloroethane (**)	63	5.172	5.172	(0.645)	430193	5.00000	5.08
	20 Isopropyl ether	45	5.378	5.378	(0.671)	577512	5.00000	5.12
	21 Tert-butyl ethyl ether	59	5.950	5.950	(0.742)	467839	5.00000	5.17
M	22 1,2-Dichloroethene (total)	100				529326	10.0000	10.34
	23 2,2-Dichloropropane	77	6.088	6.088	(0.759)	200908	5.00000	3.92
	24 cis-1,2-Dichloroethene	96	6.098	6.098	(0.760)	260435	5.00000	5.25
	25 2-Butanone	43	6.137	6.137	(0.765)	103033	25.0000	26.84
	26 Bromochloromethane	128	6.473	6.473	(0.807)	131036	5.00000	5.46
	27 Tetrahydrofuran	42	6.620	6.620	(0.825)	10701	5.00000	5.57
	28 Chloroform (*)	83	6.630	6.630	(0.827)	641328	5.00000	5.21
$	29 Dibromofluoromethane	111	6.896	6.896	(0.860)	457848	5.00000	5.31
	30 1,1,1-Trichloroethane	97	6.916	6.916	(0.862)	602459	5.00000	5.04
	31 Carbon Tetrachloride	117	7.202	7.202	(0.898)	576910	5.00000	5.14
	32 1,1-Dichloropropene	75	7.192	7.192	(0.897)	470185	5.00000	5.09
$	33 1,2-Dichloroethane-d4	65	7.428	7.428	(0.926)	213562	5.00000	5.30
	34 1,2-Dichloroethane-d4 2nd	102	7.448	7.448	(0.929)	39182	5.00000	5.51
	35 Benzene	78	7.527	7.527	(0.939)	663158	5.00000	5.17
	36 1,2-Dichloroethane	62	7.557	7.557	(0.942)	284397	5.00000	5.47
	37 Tert-amyl methyl ether	73	7.813	7.813	(0.974)	343916	5.00000	5.28
*	38 Fluorobenzene	96	8.020	8.020	(1.000)	1613881	10.0000	
	39 Trichloroethene	130	8.670	8.670	(1.081)	416320	5.00000	5.12
	40 1,2-Dichloropropane(*)	63	9.025	9.025	(1.125)	229411	5.00000	5.16
	41 Dibromomethane	93	9.222	9.222	(1.150)	168366	5.00000	5.54
	42 Bromodichloromethane	83	9.538	9.538	(1.189)	461264	5.00000	5.20
	43 2-Chloroethylvinyl ether	106	10.040	10.040	(1.252)	6823	10.0000	9.66(aM)
	44 1-Bromo-2-chloroethane	63	10.040	10.040	(1.252)	211127	5.00000	5.12
	45 cis-1,3-Dichloropropene	75	10.336	10.336	(1.289)	257290	5.00000	5.15
	46 4-Methyl-2-pentanone	43	10.651	10.651	(1.328)	291400	25.0000	26.67
$	47 Toluene-d8	98	10.819	10.819	(0.803)	666301	5.00000	5.04
	48 Toluene (*)	91	10.937	10.937	(0.811)	864497	5.00000	5.09
	49 trans-1,3-Dichloropropene	75	11.371	11.371	(0.844)	165813	5.00000	5.04
	50 1,1,2-Trichloroethane	97	11.676	11.676	(0.866)	148706	5.00000	5.23
	51 Tetrachloroethene	164	11.952	11.952	(0.887)	457906	5.00000	5.16
	52 1,3-Dichloropropane	76	11.972	11.972	(0.888)	237770	5.00000	5.19
	53 2-Hexanone	43	12.209	12.209	(0.906)	186263	25.0000	23.08
	54 Dibromochloromethane	129	12.396	12.396	(0.920)	297788	5.00000	4.95
	55 1,2-Dibromoethane	107	12.573	12.573	(0.933)	200271	5.00000	5.19
*	56 Chlorobenzene-d5	117	13.480	13.480	(1.000)	1216119	10.0000	
	57 Chlorobenzene (**)	112	13.539	13.539	(1.004)	673535	5.00000	5.16
	58 1,1,1,2-Tetrachloroethane	131	13.707	13.707	(1.017)	338007	5.00000	5.16
	59 Ethylbenzene (*)	106	13.795	13.795	(1.023)	322618	5.00000	5.01
	60 m,p-Xylenes	106	14.022	14.022	(1.040)	812685	10.0000	10.25
M	61 Xylenes (total)	100				1191634	15.0000	15.44
	62 o-Xylene	106	14.771	14.771	(1.096)	378949	5.00000	5.19

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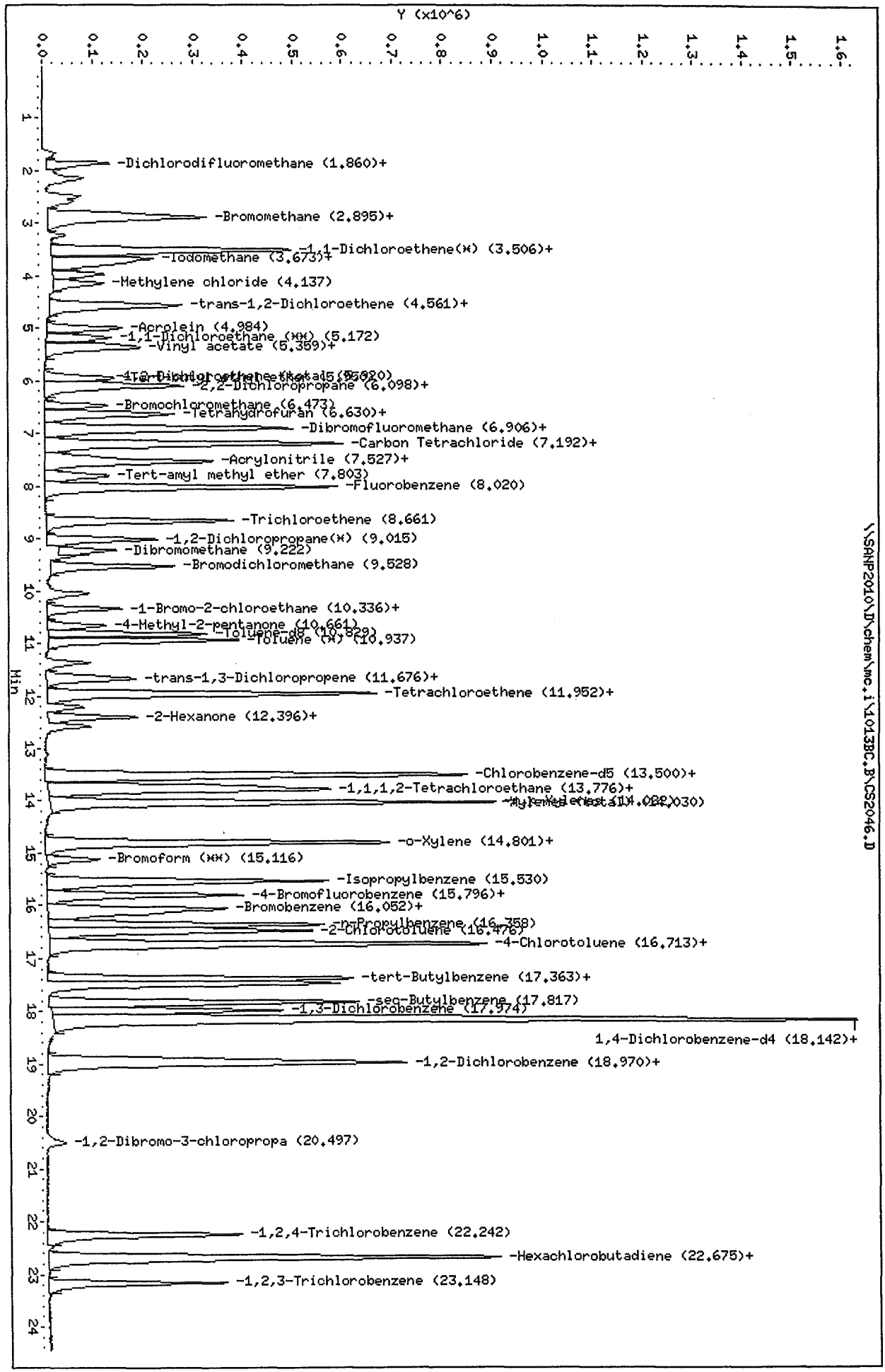
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
63 Styrene	104	14.810	14.810	(1.099)	556784	5.00000	5.21
64 Bromoform (**)	173	15.126	15.126	(1.122)	161086	5.00000	4.88
65 Isopropylbenzene	105	15.530	15.530	(1.152)	1306879	5.00000	5.12
$ 66 4-Bromofluorobenzene	95	15.806	15.806	(1.173)	478050	5.00000	5.44
67 4-Bromofluorobenzene-2nd	174	15.806	15.806	(1.173)	403572	5.00000	5.42
68 Bromobenzene	156	16.052	16.052	(0.886)	356918	5.00000	4.81
69 1,1,2,2-Tetrachloroethane(**)	83	16.131	16.131	(0.890)	173596	5.00000	4.88
70 1,2,3-Trichloropropane	110	16.180	16.180	(0.893)	46991	5.00000	5.01
71 n-Propylbenzene	91	16.358	16.358	(0.903)	1520664	5.00000	4.94
72 2-Chlorotoluene	126	16.486	16.486	(0.910)	309489	5.00000	4.93
73 4-Chlorotoluene	126	16.693	16.693	(0.921)	309113	5.00000	5.05
74 1,3,5-Trimethylbenzene	105	16.732	16.732	(0.923)	1076053	5.00000	4.91
75 tert-Butylbenzene	119	17.373	17.373	(0.959)	1169562	5.00000	4.84
76 1,2,4-Trimethylbenzene	105	17.481	17.481	(0.965)	1059007	5.00000	4.92
77 sec-Butylbenzene	105	17.817	17.817	(0.983)	1557795	5.00000	4.85
78 1,3-Dichlorobenzene	146	17.984	17.984	(0.992)	663958	5.00000	5.02
* 79 1,4-Dichlorobenzene-d4	152	18.122	18.122	(1.000)	775010	10.0000	
80 p-Isopropyltoluene	119	18.142	18.142	(1.001)	1332053	5.00000	4.96
81 1,4-Dichlorobenzene	146	18.161	18.161	(1.002)	661860	5.00000	8.71(H)
82 1,2-Dichlorobenzene	146	18.901	18.901	(1.043)	544081	5.00000	5.10
83 n-Butylbenzene	91	18.979	18.979	(1.047)	1289690	5.00000	4.86
84 1,2-Dibromo-3-chloropropane	157	20.497	20.497	(1.131)	32931	5.00000	4.75
85 1,2,4-Trichlorobenzene	180	22.252	22.252	(1.228)	472432	5.00000	4.82
86 Hexachlorobutadiene	225	22.666	22.666	(1.251)	657659	5.00000	4.93
87 Napthalene	128	22.715	22.715	(1.253)	300016	5.00000	4.83
88 1,2,3-Trichlorobenzene	180	23.148	23.148	(1.277)	377000	5.00000	5.05

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: \\SANP2010\D\chem\mc.i\1013BC.B\CS2046.D
Date : 13-OCT-2000 18:00
Client ID:
Sample Info: 5PPB 8260BSTD,,2,0,,8260BCL.M
Purge Volume: 25.0
Column phase: J&W DB-624

Instrument: mc.i
Operator: AD
Column diameter: 0.53



STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2010\D\chem\mc.i\1013BC.B\CS2047.D
Lab Smp Id: 10PPB 8260BSTD
Inj Date : 13-OCT-2000 18:30
Operator : AD Inst ID: mc.i
Smp Info : 10PPB 8260BSTD,,,3,0,,,8260BCL.M
Misc Info : ,25,,,1,1-8260B.SUB
Comment :
Method : \\SANP2010\D\chem\mc.i\1013BC.B\8260BCL.m
Meth Date : 13-Oct-2000 21:13 DONGA Quant Type: ISTD
Cal Date : 13-OCT-2000 19:30 Cal File: CS2049.D
Als bottle: 4 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 1-8260B.SUB
Target Version: 4.00
Processing Host: SANP2010

Concentration Formula: Amt * DF * Uf * Vod/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Fctor
Vod	25.000	Default Sample Volume
Vo	25.000	Sample Volume

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
1 Dichlorodifluoromethane	85	1.850	1.850	(0.231)	766726	10.0000	9.95
2 Chloromethane (**)	50	2.116	2.116	(0.264)	295476	10.0000	10.29(M)
3 Vinyl chloride (*)	62	2.136	2.136	(0.266)	342778	10.0000	9.99
4 Bromomethane	94	2.471	2.471	(0.308)	343496	10.0000	9.47
5 Chloroethane	64	2.579	2.579	(0.322)	237618	10.0000	10.71
6 Trichlorofluoromethane	101	2.894	2.894	(0.361)	1284347	10.0000	10.03
7 Acrolein	56	4.984	4.984	(0.621)	275540	100.000	98.43
8 1,1-Dichloroethene(*)	96	3.496	3.496	(0.436)	462688	10.0000	10.03
9 1,1,2-Trichlorotrifluoroethan	151	3.515	3.515	(0.438)	771241	10.0000	10.04
10 Iodomethane	142	3.673	3.673	(0.458)	1925574	20.0000	23.35
11 Acetone	43	3.545	3.545	(0.442)	172923	50.0000	51.24
12 Carbon disulfide	76	3.772	3.772	(0.470)	926442	10.0000	10.14(M)
13 Methylene chloride	84	4.146	4.146	(0.517)	381395	10.0000	10.39
14 Acrylonitrile	53	7.428	7.428	(0.926)	50412	100.000	108.0
15 t-Butanol	59	4.412	4.412	(0.550)	33886	40.0000	40.24

M 10/17/00

M 10/17/00

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
	16 Vinyl acetate	43	5.329	5.329	(0.664)	971437	20.0000	20.04
	17 trans-1,2-Dichloroethene	96	4.550	4.550	(0.567)	527912	10.0000	10.01
	18 Methyl-tert-butyl ether[MTBE]	73	4.590	4.590	(0.572)	486532	10.0000	10.54
	19 1,1-Dichloroethane (**)	63	5.171	5.171	(0.645)	841407	10.0000	9.94
	20 Isopropyl ether	45	5.359	5.359	(0.668)	1135112	10.0000	10.07
	21 Tert-butyl ethyl ether	59	5.950	5.950	(0.742)	933926	10.0000	10.33
M	22 1,2-Dichloroethene (total)	100				1056480	20.0000	20.68
	23 2,2-Dichloropropane	77	6.078	6.078	(0.758)	458085	10.0000	8.94
	24 cis-1,2-Dichloroethene	96	6.098	6.098	(0.760)	528568	10.0000	10.68
	25 2-Butanone	43	6.137	6.137	(0.765)	184107	50.0000	48.30
	26 Bromochloromethane	128	6.472	6.472	(0.807)	252415	10.0000	10.54
	27 Tetrahydrofuran	42	6.581	6.581	(0.821)	24329	10.0000	12.71(M)
	28 Chloroform (*)	83	6.640	6.640	(0.828)	1245829	10.0000	10.14
$	29 Dibromofluoromethane	111	6.886	6.886	(0.859)	885030	10.0000	10.29
	30 1,1,1-Trichloroethane	97	6.906	6.906	(0.861)	1222273	10.0000	10.23
	31 Carbon Tetrachloride	117	7.192	7.192	(0.897)	1194203	10.0000	10.66
	32 1,1-Dichloropropene	75	7.192	7.192	(0.897)	923713	10.0000	10.04
$	33 1,2-Dichloroethane-d4	65	7.428	7.428	(0.926)	425383	10.0000	10.57
	34 1,2-Dichloroethane-d4 2nd	102	7.428	7.428	(0.926)	75053	10.0000	10.58
	35 Benzene	78	7.527	7.527	(0.939)	1320083	10.0000	10.31
	36 1,2-Dichloroethane	62	7.556	7.556	(0.942)	543162	10.0000	10.50
	37 Tert-amyl methyl ether	73	7.803	7.803	(0.973)	660242	10.0000	10.16
*	38 Fluorobenzene	96	8.020	8.020	(1.000)	1611523	10.0000	
	39 Trichloroethene	130	8.650	8.650	(1.079)	810225	10.0000	9.99
	40 1,2-Dichloropropane(*)	63	9.005	9.005	(1.123)	461025	10.0000	10.39
	41 Dibromomethane	93	9.212	9.212	(1.149)	333972	10.0000	11.01
	42 Bromodichloromethane	83	9.527	9.527	(1.188)	944578	10.0000	10.67
	43 2-Chloroethylvinyl ether	106	10.060	10.060	(1.254)	16216	20.0000	20.74
	44 1-Bromo-2-chloroethane	63	10.040	10.040	(1.252)	438429	10.0000	10.64
	45 cis-1,3-Dichloropropene	75	10.336	10.336	(1.289)	543196	10.0000	10.87
	46 4-Methyl-2-pentanone	43	10.651	10.651	(1.328)	595223	50.0000	54.56
$	47 Toluene-d8	98	10.828	10.828	(0.803)	1316204	10.0000	10.07
	48 Toluene (*)	91	10.937	10.937	(0.811)	1706294	10.0000	10.17
	49 trans-1,3-Dichloropropene	75	11.370	11.370	(0.843)	347561	10.0000	10.50
	50 1,1,2-Trichloroethane	97	11.686	11.686	(0.866)	298176	10.0000	10.59
	51 Tetrachloroethene	164	11.952	11.952	(0.886)	884007	10.0000	10.08
	52 1,3-Dichloropropane	76	11.982	11.982	(0.888)	480104	10.0000	10.61
	53 2-Hexanone	43	12.208	12.208	(0.905)	392565	50.0000	49.19
	54 Dibromochloromethane	129	12.395	12.395	(0.919)	640911	10.0000	10.77
	55 1,2-Dibromoethane	107	12.573	12.573	(0.932)	408493	10.0000	10.71
*	56 Chlorobenzene-d5	117	13.489	13.489	(1.000)	1203388	10.0000	
	57 Chlorobenzene (**)	112	13.539	13.539	(1.004)	1308886	10.0000	10.15
	58 1,1,1,2-Tetrachloroethane	131	13.706	13.706	(1.016)	685312	10.0000	10.59
	59 Ethylbenzene (*)	106	13.785	13.785	(1.022)	642183	10.0000	10.08
	60 m,p-Xylenes	106	14.032	14.032	(1.040)	1609690	20.0000	20.52
M	61 Xylenes (total)	100				2339398	30.0000	30.62
	62 o-Xylene	106	14.781	14.781	(1.096)	729708	10.0000	10.09

JM 10/13/2000

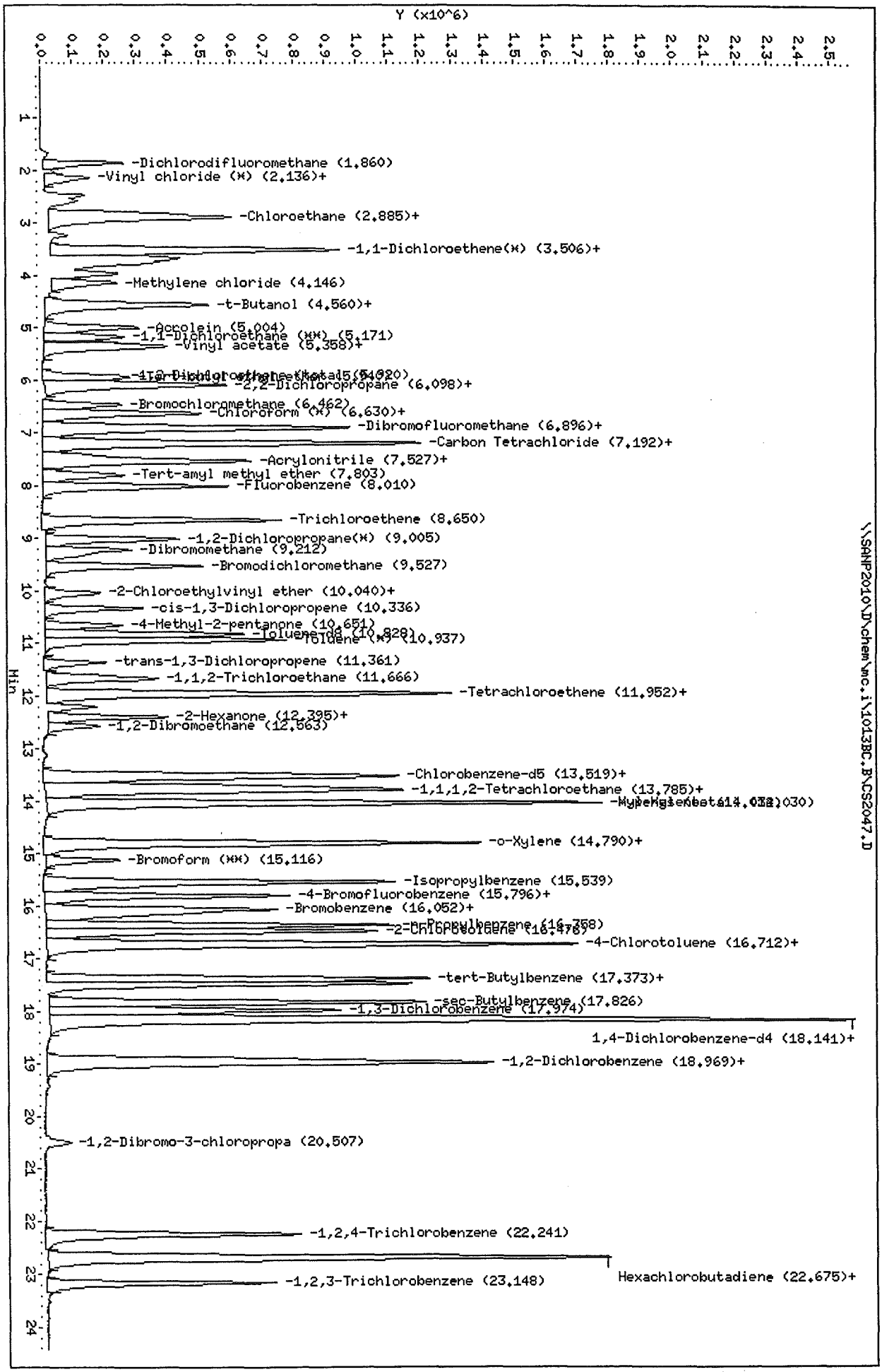
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
63 Styrene	104	14.810	14.810	(1.098)	1107053	10.0000	10.47
64 Bromoform (**)	173	15.116	15.116	(1.121)	351979	10.0000	10.78
65 Isopropylbenzene	105	15.530	15.530	(1.151)	2571995	10.0000	10.19
$ 66 4-Bromofluorobenzene	95	15.796	15.796	(1.171)	928863	10.0000	10.68
67 4-Bromofluorobenzene-2nd	174	15.796	15.796	(1.171)	789568	10.0000	10.72
68 Bromobenzene	156	16.062	16.062	(0.887)	721285	10.0000	9.96
69 1,1,2,2-Tetrachloroethane(**)	83	16.131	16.131	(0.891)	353535	10.0000	10.18
70 1,2,3-Trichloropropane	110	16.170	16.170	(0.893)	96980	10.0000	10.56
71 n-Propylbenzene	91	16.358	16.358	(0.903)	3005638	10.0000	9.79
72 2-Chlorotoluene	126	16.476	16.476	(0.910)	598810	10.0000	9.74
73 4-Chlorotoluene	126	16.702	16.702	(0.922)	602833	10.0000	10.08
74 1,3,5-Trimethylbenzene	105	16.732	16.732	(0.924)	2075612	10.0000	9.68
75 tert-Butylbenzene	119	17.373	17.373	(0.959)	2308531	10.0000	9.78
76 1,2,4-Trimethylbenzene	105	17.471	17.471	(0.965)	2073927	10.0000	9.87
77 sec-Butylbenzene	105	17.826	17.826	(0.984)	3034666	10.0000	9.64
78 1,3-Dichlorobenzene	146	17.974	17.974	(0.992)	1267723	10.0000	9.83
* 79 1,4-Dichlorobenzene-d4	152	18.112	18.112	(1.000)	755803	10.0000	
80 p-Isopropyltoluene	119	18.141	18.141	(1.002)	2559174	10.0000	9.77
81 1,4-Dichlorobenzene	146	18.161	18.161	(1.003)	1311790	10.0000	10.08(H)
82 1,2-Dichlorobenzene	146	18.900	18.900	(1.044)	1025767	10.0000	9.84
83 n-Butylbenzene	91	18.979	18.979	(1.048)	2542647	10.0000	9.81
84 1,2-Dibromo-3-chloropropane	157	20.507	20.507	(1.132)	73565	10.0000	10.87
85 1,2,4-Trichlorobenzene	180	22.241	22.241	(1.228)	968012	10.0000	10.10
86 Hexachlorobutadiene	225	22.675	22.675	(1.252)	1297582	10.0000	9.96
87 Napthalene	128	22.705	22.705	(1.254)	660303	10.0000	10.89
88 1,2,3-Trichlorobenzene	180	23.148	23.148	(1.278)	731019	10.0000	10.04

QC Flag Legend

M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: \\SANP2010\D\chem\mc.i\1013BC.B\CS2047.D
Date : 13-OCT-2000 18:30
Client ID:
Sample Info: 10PPB 8260BSTD,,,3,0,,,8260BCL.M
Purge Volume: 25.0
Column phase: J&W DB-624

Instrument: mc.i
Operator: AD
Column diameter: 0.53



STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2010\D\chem\mc.i\1013BC.B\CS2048.D
Lab Smp Id: 50PPB 8260BSTD
Inj Date : 13-OCT-2000 19:00
Operator : AD Inst ID: mc.i
Smp Info : 50PPB 8260BSTD,,,4,0,,,8260BCL.M
Misc Info : ,25,,,1,1-8260B.SUB
Comment :
Method : \\SANP2010\D\chem\mc.i\1013BC.B\8260BCL.m
Meth Date : 13-Oct-2000 20:55 DONGA Quant Type: ISTD
Cal Date : 13-OCT-2000 19:30 Cal File: CS2049.D
Als bottle: 5 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 1-8260B.SUB
Target Version: 4.00
Processing Host: SANP2010

Concentration Formula: Amt * DF * Uf * Vod/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Fctor
Vod	25.000	Default Sample Volume
Vo	25.000	Sample Volume

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
1 Dichlorodifluoromethane	85	1.850	1.850	(0.231)	3600522	50.0000	47.68
2 Chloromethane (**)	50	2.116	2.116	(0.264)	1269634	50.0000	45.14
3 Vinyl chloride (*)	62	2.146	2.146	(0.268)	1665780	50.0000	49.54
4 Bromomethane	94	2.462	2.462	(0.307)	1903146	50.0000	53.53
5 Chloroethane	64	2.570	2.570	(0.320)	1017324	50.0000	46.80
6 Trichlorofluoromethane	101	2.885	2.885	(0.360)	6065900	50.0000	48.32
7 Acrolein	56	4.994	4.994	(0.623)	1326957	500.000	483.6
8 1,1-Dichloroethene(*)	96	3.496	3.496	(0.436)	2160317	50.0000	47.79
9 1,1,2-Trichlorotrifluoroethan	151	3.516	3.516	(0.438)	3560013	50.0000	47.27
10 Iodomethane	142	3.674	3.674	(0.458)	8807012	100.000	109.0
11 Acetone	43	3.565	3.565	(0.445)	642993	250.000	194.4
12 Carbon disulfide	76	3.772	3.772	(0.470)	4911350	50.0000	47.46(M)
13 Methylene chloride	84	4.137	4.137	(0.516)	1774481	50.0000	49.33
14 Acrylonitrile	53	7.429	7.429	(0.926)	245480	500.000	536.6
15 t-Butanol	59	4.413	4.413	(0.550)	166918	200.000	202.3

M 10/13/2000

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
	16 Vinyl acetate	43	5.320	5.320	(0.663)	4899751	100.000	103.1
	17 trans-1,2-Dichloroethene	96	4.551	4.551	(0.567)	2509160	50.0000	48.52
	18 Methyl-tert-butyl ether[MTBE]	73	4.590	4.590	(0.572)	2272880	50.0000	50.24
	19 1,1-Dichloroethane (**)	63	5.182	5.182	(0.646)	4110692	50.0000	49.57
	20 Isopropyl ether	45	5.369	5.369	(0.669)	5433286	50.0000	49.18
	21 Tert-butyl ethyl ether	59	5.950	5.950	(0.742)	4457724	50.0000	50.30
M	22 1,2-Dichloroethene (total)	100				4998219	100.000	99.83
	23 2,2-Dichloropropane	77	6.088	6.088	(0.759)	3416162	50.0000	68.04
	24 cis-1,2-Dichloroethene	96	6.098	6.098	(0.760)	2489059	50.0000	51.30
	25 2-Butanone	43	6.167	6.167	(0.769)	867862	250.000	232.3
	26 Bromochloromethane	128	6.473	6.473	(0.807)	1164752	50.0000	49.64
	27 Tetrahydrofuran	42	6.591	6.591	(0.822)	112262	50.0000	62.15
	28 Chloroform (*)	83	6.640	6.640	(0.828)	5912870	50.0000	49.10
$	29 Dibromofluoromethane	111	6.897	6.897	(0.860)	4083879	50.0000	48.43
	30 1,1,1-Trichloroethane	97	6.906	6.906	(0.861)	5924126	50.0000	50.61
	31 Carbon Tetrachloride	117	7.202	7.202	(0.898)	5826217	50.0000	53.05
	32 1,1-Dichloropropene	75	7.192	7.192	(0.897)	4380292	50.0000	48.60
$	33 1,2-Dichloroethane-d4	65	7.429	7.429	(0.926)	1923630	50.0000	48.77
	34 1,2-Dichloroethane-d4 2nd	102	7.429	7.429	(0.926)	358194	50.0000	51.51
	35 Benzene	78	7.527	7.527	(0.939)	6145209	50.0000	48.97
	36 1,2-Dichloroethane	62	7.557	7.557	(0.942)	2487637	50.0000	49.08
	37 Tert-amyl methyl ether	73	7.803	7.803	(0.973)	3250303	50.0000	51.03
*	38 Fluorobenzene	96	8.020	8.020	(1.000)	1579493	10.0000	
	39 Trichloroethene	130	8.661	8.661	(1.080)	3854015	50.0000	48.48
	40 1,2-Dichloropropane(*)	63	9.016	9.016	(1.124)	2168717	50.0000	49.86
	41 Dibromomethane	93	9.223	9.223	(1.150)	1496317	50.0000	50.35
	42 Bromodichloromethane	83	9.528	9.528	(1.188)	4718815	50.0000	54.38
	43 2-Chloroethylvinyl ether	106	10.110	10.110	(1.261)	103154	100.000	149.2
	44 1-Bromo-2-chloroethane	63	10.050	10.050	(1.253)	2223086	50.0000	55.05
	45 cis-1,3-Dichloropropene	75	10.346	10.346	(1.290)	2859101	50.0000	58.37
	46 4-Methyl-2-pentanone	43	10.661	10.661	(1.329)	2766834	250.000	258.8
$	47 Toluene-d8	98	10.819	10.819	(0.803)	5873983	50.0000	48.11
	48 Toluene (*)	91	10.947	10.947	(0.812)	7640132	50.0000	48.73
	49 trans-1,3-Dichloropropene	75	11.371	11.371	(0.844)	1877677	50.0000	61.63
	50 1,1,2-Trichloroethane	97	11.686	11.686	(0.867)	1308385	50.0000	49.75
	51 Tetrachloroethene	164	11.953	11.953	(0.887)	3874261	50.0000	47.30
	52 1,3-Dichloropropane	76	11.982	11.982	(0.889)	2113240	50.0000	50.00
	53 2-Hexanone	43	12.209	12.209	(0.906)	1830508	250.000	245.5
	54 Dibromochloromethane	129	12.396	12.396	(0.920)	3139257	50.0000	56.45
	55 1,2-Dibromoethane	107	12.573	12.573	(0.933)	1858524	50.0000	52.17
*	56 Chlorobenzene-d5	117	13.480	13.480	(1.000)	1124179	10.0000	
	57 Chlorobenzene (**)	112	13.539	13.539	(1.004)	5934133	50.0000	49.24
	58 1,1,1,2-Tetrachloroethane	131	13.717	13.717	(1.018)	3112952	50.0000	51.48
	59 Ethylbenzene (*)	106	13.796	13.796	(1.023)	2863981	50.0000	48.13
	60 m,p-Xylenes	106	14.032	14.032	(1.041)	7097503	100.000	96.88
M	61 Xylenes (total)	100				10382497	150.000	145.5
	62 o-Xylene	106	14.781	14.781	(1.097)	3284994	50.0000	48.62

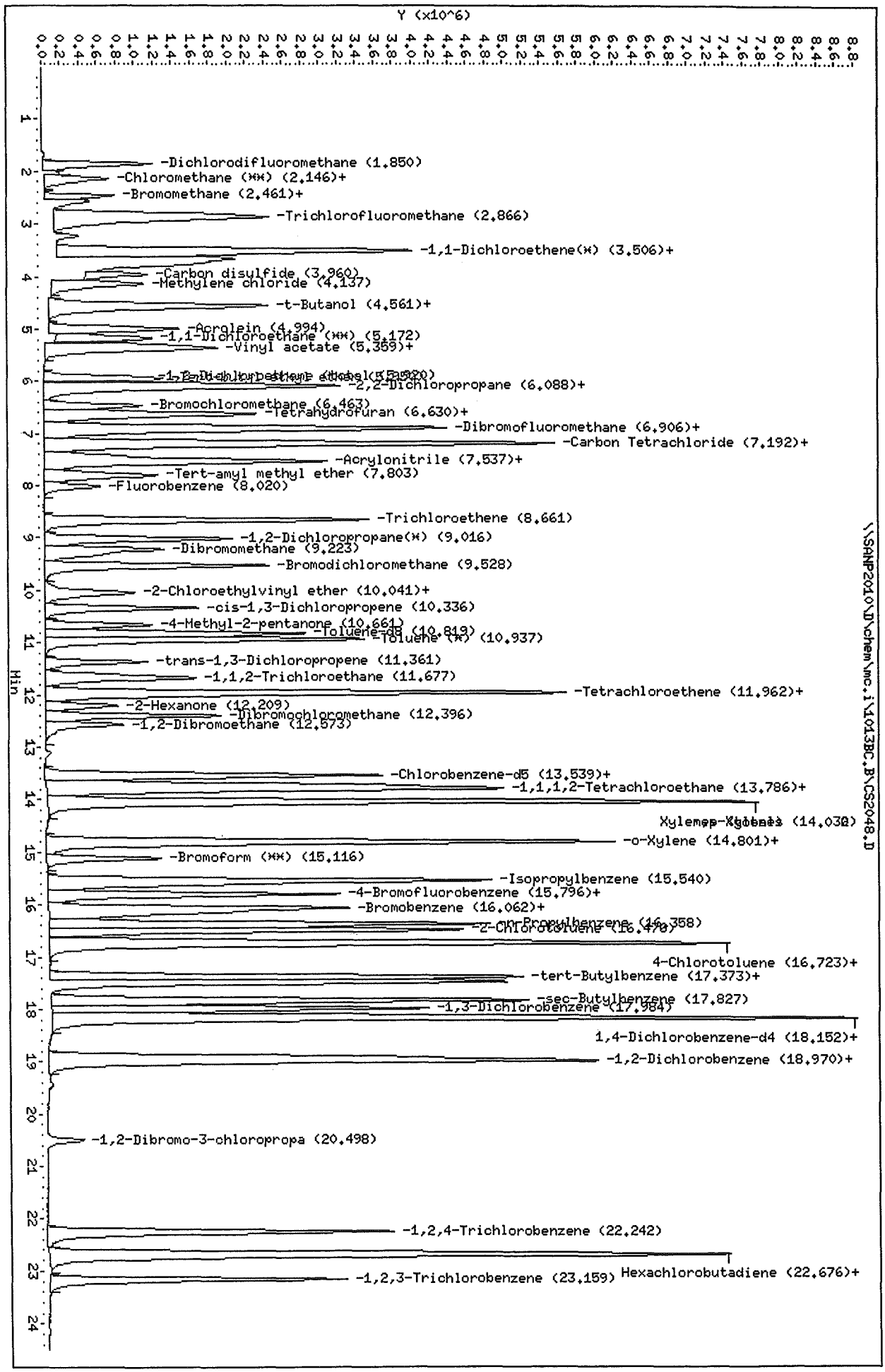
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
	63 Styrene	104	14.811	14.811	(1.099)	4935853	50.0000	49.99
	64 Bromoform (**)	173	15.116	15.116	(1.121)	1820488	50.0000	59.68
	65 Isopropylbenzene	105	15.540	15.540	(1.153)	11253496	50.0000	47.74
$	66 4-Bromofluorobenzene	95	15.796	15.796	(1.172)	3730972	50.0000	45.92
	67 4-Bromofluorobenzene-2nd	174	15.796	15.796	(1.172)	3102813	50.0000	45.10
	68 Bromobenzene	156	16.062	16.062	(0.886)	3178839	50.0000	50.98
	69 1,1,2,2-Tetrachloroethane(**)	83	16.131	16.131	(0.890)	1553216	50.0000	51.93
	70 1,2,3-Trichloropropane	110	16.171	16.171	(0.892)	421724	50.0000	53.35
	71 n-Propylbenzene	91	16.368	16.368	(0.903)	13483053	50.0000	50.99
	72 2-Chlorotoluene	126	16.486	16.486	(0.910)	2594423	50.0000	49.04
	73 4-Chlorotoluene	126	16.703	16.703	(0.922)	2585195	50.0000	50.22
	74 1,3,5-Trimethylbenzene	105	16.742	16.742	(0.924)	9039568	50.0000	48.96
	75 tert-Butylbenzene	119	17.373	17.373	(0.959)	10028444	50.0000	49.37
	76 1,2,4-Trimethylbenzene	105	17.482	17.482	(0.965)	8866051	50.0000	49.02
	77 sec-Butylbenzene	105	17.827	17.827	(0.984)	13181449	50.0000	48.65
	78 1,3-Dichlorobenzene	146	17.984	17.984	(0.992)	5536001	50.0000	49.84
*	79 1,4-Dichlorobenzene-d4	152	18.122	18.122	(1.000)	650788	10.0000	
	80 p-Isopropyltoluene	119	18.142	18.142	(1.001)	10867277	50.0000	48.17
	81 1,4-Dichlorobenzene	146	18.172	18.172	(1.003)	5440691	50.0000	60.76
	82 1,2-Dichlorobenzene	146	18.901	18.901	(1.043)	4494705	50.0000	50.10
	83 n-Butylbenzene	91	18.980	18.980	(1.047)	10950704	50.0000	49.05
	84 1,2-Dibromo-3-chloropropane	157	20.498	20.498	(1.131)	376172	50.0000	64.57
	85 1,2,4-Trichlorobenzene	180	22.242	22.242	(1.227)	4349925	50.0000	52.73
	86 Hexachlorobutadiene	225	22.676	22.676	(1.251)	5495201	50.0000	48.98
	87 Napthalene	128	22.705	22.705	(1.253)	2920180	50.0000	55.92
	88 1,2,3-Trichlorobenzene	180	23.159	23.159	(1.278)	3189876	50.0000	50.86

QC Flag Legend

M - Compound response manually integrated.

Data File: \\SANP2010\D\chem\mc.i\1013BC.B\CS2048.D
Date : 13-OCT-2000 19:00
Client ID:
Sample Info: 50PPB 8260BSTD,,4,0,,,8260BCL.M
Purge Volume: 25.0
Column phase: J&W DB-624

Instrument: mc.i
Operator: AD
Column diameter: 0.53



STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2010\D\chem\mc.i\1013BC.B\CS2049.D
Lab Smp Id: 100PPB 8260BSTD
Inj Date : 13-OCT-2000 19:30
Operator : AD Inst ID: mc.i
Smp Info : 100PPB 8260BSTD,,,5,0,,,8260BCL.M
Misc Info : ,25,,,1,1-8260B.SUB
Comment :
Method : \\SANP2010\D\chem\mc.i\1013BC.B\8260BCL.m
Meth Date : 13-Oct-2000 20:55 DONGA Quant Type: ISTD
Cal Date : 13-OCT-2000 19:30 Cal File: CS2049.D
Als bottle: 6 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 1-8260B.SUB
Target Version: 4.00
Processing Host: SANP2010

Concentration Formula: Amt * DF * Uf * Vod/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Fctor
Vod	25.000	Default Sample Volume
Vo	25.000	Sample Volume

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
1 Dichlorodifluoromethane	85	1.860	1.860	(0.231)	6273623	100.000	98.99
2 Chloromethane (**)	50	2.086	2.086	(0.259)	2476406	100.000	104.9(A)
3 Vinyl chloride (*)	62	2.155	2.155	(0.268)	2957109	100.000	104.8(A)
4 Bromomethane	94	2.481	2.481	(0.308)	3202460	100.000	107.3(A)
5 Chloroethane	64	2.589	2.589	(0.322)	1637059	100.000	89.74
6 Trichlorofluoromethane	101	2.904	2.904	(0.361)	10432650	100.000	99.02
7 Acrolein	56	5.043	5.043	(0.627)	2467232	1000.00	1071(A)
8 1,1-Dichloroethene(*)	96	3.515	3.515	(0.437)	3862643	100.000	101.8(A)
9 1,1,2-Trichlorotrifluoroethan	151	3.545	3.545	(0.440)	6207549	100.000	98.22
10 Iodomethane	142	3.703	3.703	(0.460)	11666037	200.000	172.0
11 Acetone	43	3.575	3.575	(0.444)	843473	500.000	303.9
12 Carbon disulfide	76	3.801	3.801	(0.472)	7796560	100.000	97.73(M)
13 Methylene chloride	84	4.176	4.176	(0.519)	2766436	100.000	91.64
14 Acrylonitrile	53	7.458	7.458	(0.927)	344681	1000.00	897.8
15 t-Butanol	59	4.412	4.412	(0.548)	202478	400.000	292.4

MD 10/13/2000

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
	16 Vinyl acetate	43	5.368	5.368	(0.667)	7598938	200.000	190.6
	17 trans-1,2-Dichloroethene	96	4.590	4.590	(0.570)	4446594	100.000	102.5(A)
	18 Methyl-tert-butyl ether[MTBE]	73	4.619	4.619	(0.574)	2983814	100.000	78.59
	19 1,1-Dichloroethane (**)	63	5.220	5.220	(0.649)	7098050	100.000	102.0(A)
	20 Isopropyl ether	45	5.398	5.398	(0.671)	8758659	100.000	94.46
	21 Tert-butyl ethyl ether	59	5.970	5.970	(0.742)	6850293	100.000	92.10
M	22 1,2-Dichloroethene (total)	100				8495539	200.000	201.9
	23 2,2-Dichloropropane	77	6.147	6.147	(0.764)	6038858	100.000	143.3(A)
	24 cis-1,2-Dichloroethene	96	6.147	6.147	(0.764)	4048945	100.000	99.45
	25 2-Butanone	43	6.167	6.167	(0.766)	1174798	500.000	374.7
	26 Bromochloromethane	128	6.511	6.511	(0.809)	1507928	100.000	76.58
	27 Tetrahydrofuran	42	6.610	6.610	(0.821)	147657	100.000	97.41
	28 Chloroform (*)	83	6.669	6.669	(0.829)	9185448	100.000	90.88
$	29 Dibromofluoromethane	111	6.926	6.926	(0.860)	5887603	100.000	83.20
	30 1,1,1-Trichloroethane	97	6.965	6.965	(0.865)	9835857	100.000	100.1(A)
	31 Carbon Tetrachloride	117	7.251	7.251	(0.901)	9650671	100.000	104.7(A)
	32 1,1-Dichloropropene	75	7.241	7.241	(0.900)	7426263	100.000	98.18
$	33 1,2-Dichloroethane-d4	65	7.458	7.458	(0.927)	2590673	100.000	78.27
	34 1,2-Dichloroethane-d4 2nd	102	7.458	7.458	(0.927)	472907	100.000	81.03
	35 Benzene	78	7.576	7.576	(0.941)	9879649	100.000	93.82
	36 1,2-Dichloroethane	62	7.596	7.596	(0.944)	3385807	100.000	79.59
	37 Tert-amyl methyl ether	73	7.822	7.822	(0.972)	4499672	100.000	84.18
*	38 Fluorobenzene	96	8.049	8.049	(1.000)	1325546	10.0000	
	39 Trichloroethene	130	8.690	8.690	(1.080)	6382399	100.000	95.67
	40 1,2-Dichloropropane(*)	63	9.044	9.044	(1.124)	3237382	100.000	88.68
	41 Dibromomethane	93	9.242	9.242	(1.148)	1810915	100.000	72.60
	42 Bromodichloromethane	83	9.547	9.547	(1.186)	6623398	100.000	90.94
	43 2-Chloroethylvinyl ether	106	10.109	10.109	(1.256)	95944	200.000	149.2(M)
	44 1-Bromo-2-chloroethane	63	10.069	10.069	(1.251)	2843827	100.000	83.91
	45 cis-1,3-Dichloropropene	75	10.355	10.355	(1.287)	4085841	100.000	99.40
	46 4-Methyl-2-pentanone	43	10.661	10.661	(1.324)	3735686	500.000	416.3
$	47 Toluene-d8	98	10.848	10.848	(0.804)	9301568	100.000	95.72
	48 Toluene (*)	91	10.966	10.966	(0.812)	12429969	100.000	99.62
	49 trans-1,3-Dichloropropene	75	11.380	11.380	(0.843)	2654604	100.000	109.5(A)
	50 1,1,2-Trichloroethane	97	11.696	11.696	(0.866)	1780231	100.000	85.06
	51 Tetrachloroethene	164	11.972	11.972	(0.887)	6417667	100.000	98.45
	52 1,3-Dichloropropane	76	11.991	11.991	(0.888)	2895623	100.000	86.08
	53 2-Hexanone	43	12.198	12.198	(0.904)	2398740	500.000	404.3
	54 Dibromochloromethane	129	12.405	12.405	(0.919)	4388456	100.000	99.16
	55 1,2-Dibromoethane	107	12.583	12.583	(0.932)	2517836	100.000	88.81
*	56 Chlorobenzene-d5	117	13.499	13.499	(1.000)	894739	10.0000	
	57 Chlorobenzene (**)	112	13.549	13.549	(1.004)	9160029	100.000	95.50
	58 1,1,1,2-Tetrachloroethane	131	13.726	13.726	(1.017)	4601571	100.000	95.62
	59 Ethylbenzene (*)	106	13.815	13.815	(1.023)	4797985	100.000	101.3(A)
	60 m,p-Xylenes	106	14.051	14.051	(1.041)	11388791	200.000	195.3
M	61 Xylenes (total)	100				16575722	300.000	291.8
	62 o-Xylene	106	14.790	14.790	(1.096)	5186931	100.000	96.47

MM 10/17/2000

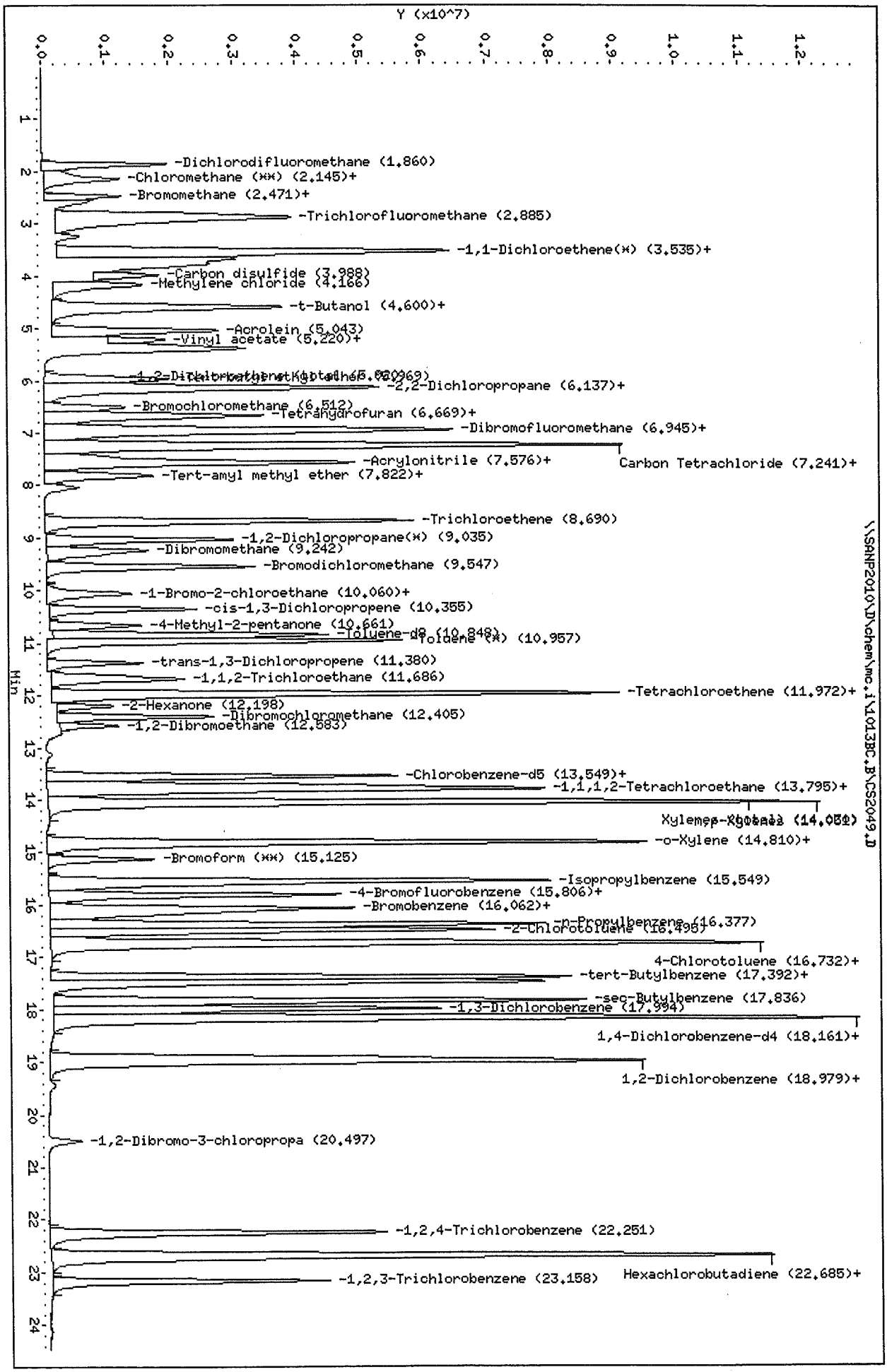
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
63 Styrene	104	14.830	14.830	(1.099)	7342583	100.000	93.43
64 Bromoform (**)	173	15.125	15.125	(1.120)	2527657	100.000	104.1(A)
65 Isopropylbenzene	105	15.549	15.549	(1.152)	19101112	100.000	101.8(A)
$ 66 4-Bromofluorobenzene	95	15.806	15.806	(1.171)	5448404	100.000	84.25
67 4-Bromofluorobenzene-2nd	174	15.815	15.815	(1.172)	4565591	100.000	83.37
68 Bromobenzene	156	16.062	16.062	(0.886)	4630916	100.000	103.6(A)
69 1,1,2,2-Tetrachloroethane(**)	83	16.141	16.141	(0.890)	2041163	100.000	95.20
70 1,2,3-Trichloropropane	110	16.180	16.180	(0.892)	547142	100.000	96.55
71 n-Propylbenzene	91	16.377	16.377	(0.903)	21894451	100.000	115.5(A)
72 2-Chlorotoluene	126	16.495	16.495	(0.910)	4011083	100.000	105.8(A)
73 4-Chlorotoluene	126	16.712	16.712	(0.922)	3879784	100.000	105.1(A)
74 1,3,5-Trimethylbenzene	105	16.752	16.752	(0.924)	14378432	100.000	108.6(A)
75 tert-Butylbenzene	119	17.392	17.392	(0.959)	16218459	100.000	111.4(A)
76 1,2,4-Trimethylbenzene	105	17.491	17.491	(0.965)	13953950	100.000	107.6(A)
77 sec-Butylbenzene	105	17.836	17.836	(0.984)	22062135	100.000	113.6(A)
78 1,3-Dichlorobenzene	146	17.994	17.994	(0.992)	8196277	100.000	102.9(A)
* 79 1,4-Dichlorobenzene-d4	152	18.131	18.131	(1.000)	466527	10.0000	
80 p-Isopropyltoluene	119	18.151	18.151	(1.001)	17346104	100.000	107.3(A)
81 1,4-Dichlorobenzene	146	18.181	18.181	(1.003)	7602010	100.000	118.4(A)
82 1,2-Dichlorobenzene	146	18.910	18.910	(1.043)	6321529	100.000	98.30
83 n-Butylbenzene	91	18.989	18.989	(1.047)	17841067	100.000	111.5(A)
84 1,2-Dibromo-3-chloropropane	157	20.497	20.497	(1.130)	497352	100.000	119.1(A)
85 1,2,4-Trichlorobenzene	180	22.251	22.251	(1.227)	6174722	100.000	104.4(A)
86 Hexachlorobutadiene	225	22.675	22.675	(1.251)	8905628	100.000	110.7(A)
87 Napthalene	128	22.714	22.714	(1.253)	3583460	100.000	95.73
88 1,2,3-Trichlorobenzene	180	23.158	23.158	(1.277)	4296867	100.000	95.58

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.
M - Compound response manually integrated.

Data File: \\SANP2010\D\chem\mc.i\1013BC.B\CS2049.D
Date : 13-OCT-2000 19:30
Client ID:
Sample Info: 100PPB 8260BSTD,,,5.0,,,8260BCL.M
Purge Volume: 25.0
Column phase: J&W DB-624

Instrument: mc.i
Operator: AD
Column diameter: 0.53



8260B SAMPLE / QC DATA

DATE ANALYZED: 10_19_2020

INSTRUMENT ID: MC

SAMPLES: E0J170121

Batch ID: 0294460

GC/MS VOA Run Log

FJK 11/2/00

☐ EPA 524.2 ☐ EPA 624 ☑ SW8260B [SOP: CORP-MS-0002 Rev 2] ☐ 5030B ☐ 5035

Inst ID: MSC	EM Set: 1647	Tune File: BFB.U	Seq File: 10/19/BC
Init. Cal ID: 8260BC			Date: 10/19/7020 PM

Inj. Time	Analyst	File ID	Work Order #	AS #	Matrix	Sample Wt/Vol	Dil.	I.S.	Run	Rerun	pH	Comments
16:35	AD	CT1211	50ng BFB	-		1ML			✓			MSVOA1265-2
16:49		CS2056	10ppb 826013	1	L	25ML	1.0	240	✓			E1260 2 S1261-1; STD1259-1
17:29		CO1942	LCS1019BC	2				221	—			OC1260-1
17:58		43	MB1019BC	3				212	—			
18:28		44	DM9MU1AA	3				209	—		2	EOJ170134 9
18:58		45	DM9HC1AA	4				205	—			EOJ170136-34
19:27		46	DM9HW1AA	5				202	—			-35
19:57		47	DM3 DG1AA	6		1ML	25.0	191	—			EOJ170 303-3
20:27		48	DNAKD1AA	7		25ML	1.0	202	—			EOJ170236-2
20:58		49	DNAKE1AA	4				201	—			-3
21:27		50	DNAKH1AA	5				193	—			-4
21:57		51	DM9LG1AA	6		5ML	5.0	177	—			EOJ170134-1
22:27		52	DM9LN1AA	7				188	—			2
22:56		53	DM9LR1AA	8		25ML	1.0	184	—			-3
23:26		54	DM9LX1AA	9		1ML	25.0	171	—			-4
23:56		55	DM9LG1AA	10		5ML	5.0	175	—			-5
00:25		56	DM9L81AA	11		25ML	1.0	183	—			-6
00:55		57	DM9MJ1AA	12		12.5ML	2.0	180	✓			-7
01:25		58	DM9HT1AA	13		25ML	1.0	182	✓			-8
01:54		59	DM5J51MD	14		5ML	5.0	185	✓			EOJ130278-1
02:24		60	DM5KD1MD	15				183	✓			-2
02:53		61	DM5KH1MD	16		1ML	25.0	177	✓			-4
03:23		62	DM9LR1MS	1		25ML	1.0	188	✓			EOJ170134-3MS
03:53		63	DM9LR1MSD	2				189	✓			-3MSD
04:22		CO9 64	~~DM93TAC~~ DNHN21AA	3		5ML	5.0	181	✓		13	EOJ170185-1

PM 10/20/00

5

PM 10/20/00 -2

0003321

BOE-C6-0173329

8A
VOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: Contract:

Lab Code: Case No.: SAS No.: SDG No.: SDGA02609

Lab File ID (Standard): CS2056 Date Analyzed: 10/19/00

Instrument ID: MC Time Analyzed: 1649

Matrix:(soil/water) WATER Level:(low/med) LOW Column:(pack/cap) CAP

		IS1 AREA #	RT	IS2(CBZ) AREA #	RT	IS3(DCB) AREA #	RT
	12 HOUR STD	2403303	8.02	1642275	13.48	952925	18.12
	UPPER LIMIT	4806606	8.52	3284550	13.98	1905850	18.62
	LOWER LIMIT	1201652	7.52	821138	12.98	476463	17.62
	EPA SAMPLE NO.						
01	C09942	2214421	8.02	1520965	13.48	911577	18.12
02	C09943	2126651	8.02	1545467	13.48	878558	18.12
03	C09944	2090034	8.03	1432921	13.49	762647	18.11
04	C09945	2056205	8.02	1506005	13.48	881300	18.12
05	C09946	2027096	8.02	1507302	13.48	880874	18.12
06	C09947	1913371	8.02	1397760	13.49	812552	18.12
07	C09948	2024387	8.02	1496956	13.48	853452	18.12
08	C09949	2011112	8.02	1502756	13.49	875933	18.11
09	C09950	1935427	8.01	1449209	13.48	861200	18.12
10	C09951	1773813	8.01	1326478	13.48	774205	18.12
11	C09952	1881781	8.02	1395910	13.49	823409	18.12
12	C09953	1841908	8.03	1371726	13.49	798036	18.12
13	C09954	1712964	8.03	1212731	13.48	701662	18.11
14	C09955	1753623	8.02	1297233	13.49	756831	18.11
15	C09956	1837428	8.02	1342553	13.49	780440	18.12
16	C09957	1802387	8.02	1321732	13.49	778474	18.12
17	C09958	1820366	8.01	1282728	13.48	742808	18.11
18	C09959	1852249	8.02	1381015	13.48	788671	18.11
19	C09960	1834751	8.01	1345868	13.48	792431	18.11
20	C09961	1778114	8.01	1309685	13.48	776974	18.11
21	C09962	1888857	8.01	1365567	13.48	831431	18.12
22	C09963	1891009	8.01	1368470	13.48	837758	18.12

IS1 = Fluorobenzene
IS2 (CBZ) = Chlorobenzene-d5
IS3 (DCB) = 1,4-Dichlorobenzene-d4

UPPER LIMIT = +100% of internal standard area.
LOWER LIMIT = - 50% of internal standard area.

Column used to flag internal standard area values with an asterisk.

8A
VOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: Contract:

Lab Code: Case No.: SAS No.: SDG No.: SDGA02609

Lab File ID (Standard): CS2056 Date Analyzed: 10/19/00

Instrument ID: MC Time Analyzed: 1649

Matrix:(soil/water) WATER Level:(low/med) LOW Column:(pack/cap) CAP

		IS1 AREA #	RT	IS2(CBZ) AREA #	RT	IS3(DCB) AREA #	RT
	12 HOUR STD	2403303	8.02	1642275	13.48	952925	18.12
	UPPER LIMIT	4806606	8.52	3284550	13.98	1905850	18.62
	LOWER LIMIT	1201652	7.52	821138	12.98	476463	17.62
	EPA SAMPLE NO.						
01	C09964	1818238	8.01	1343530	13.48	791269	18.11
02	C09964	1737956	8.00	1292774	13.48	743774	18.12
03	C09964	1672800	8.01	1232115	13.48	743323	18.12
04							
05							
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19							
20							
21							
22							

IS1 = Fluorobenzene
IS2 (CBZ) = Chlorobenzene-d5
IS3 (DCB) = 1,4-Dichlorobenzene-d4

UPPER LIMIT = +100% of internal standard area.
LOWER LIMIT = - 50% of internal standard area.

Column used to flag internal standard area values with an asterisk.

STL Los Angeles

Data file : \\SANP2010\D\CHEM\MC.I\1019BC.B\CT1211.D
Lab Smp Id:
Inj Date : 19-OCT-2000 16:35
Operator : AD Inst ID: mc.i
Smp Info : 50NG BFB,BFB,,,,,,BFB.M
Misc Info : ,,,,3,ALL.SUB
Comment :
Method : \\SANP2010\D\CHEM\MC.I\1019BC.B\BFB.M
Meth Date : 23-May-2000 08:08 kentf Quant Type: ISTD
Cal Date : Cal File:
Als bottle: 2 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.00 Sample Matrix: WATER
Processing Host: SANP2010

Concentration Formula: Amt * DF * Uf * Vf * VI

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vf	1.000	Volumetric correction factor
VI	1.000	Injection Volume

RT	EXP RT	(REL RT)	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/L)	TARGET RANGE	RATIO
1 p-Bromofluorobenzene						CAS #: 460-00-4		
2.1480	2.1000	(0.000)	95	118280			0.00- 100.00	100.00
2.1480	2.1000	(0.000)	50	24802			15.00- 40.00	20.97
2.1480	2.1000	(0.000)	75	57117			30.00- 60.00	48.29
2.1480	2.1000	(0.000)	96	8807			5.00- 9.00	7.45
2.1480	2.1000	(0.000)	173	0			0.00- 2.00	0.00
2.1480	2.1000	(0.000)	174	98434			50.00- 0.00	83.22
2.1480	2.1000	(0.000)	175	7759			5.00- 9.00	7.88
2.1480	2.1000	(0.000)	176	97781			95.00- 101.00	99.34
2.1480	2.1000	(0.000)	177	6542			5.00- 9.00	6.69

AM
10/19/2000

Data File: \\SANP2010\D\CHEM\MC.I\1019BC.B\CT1211.D

Date : 19-OCT-2000 16:35

Client ID:

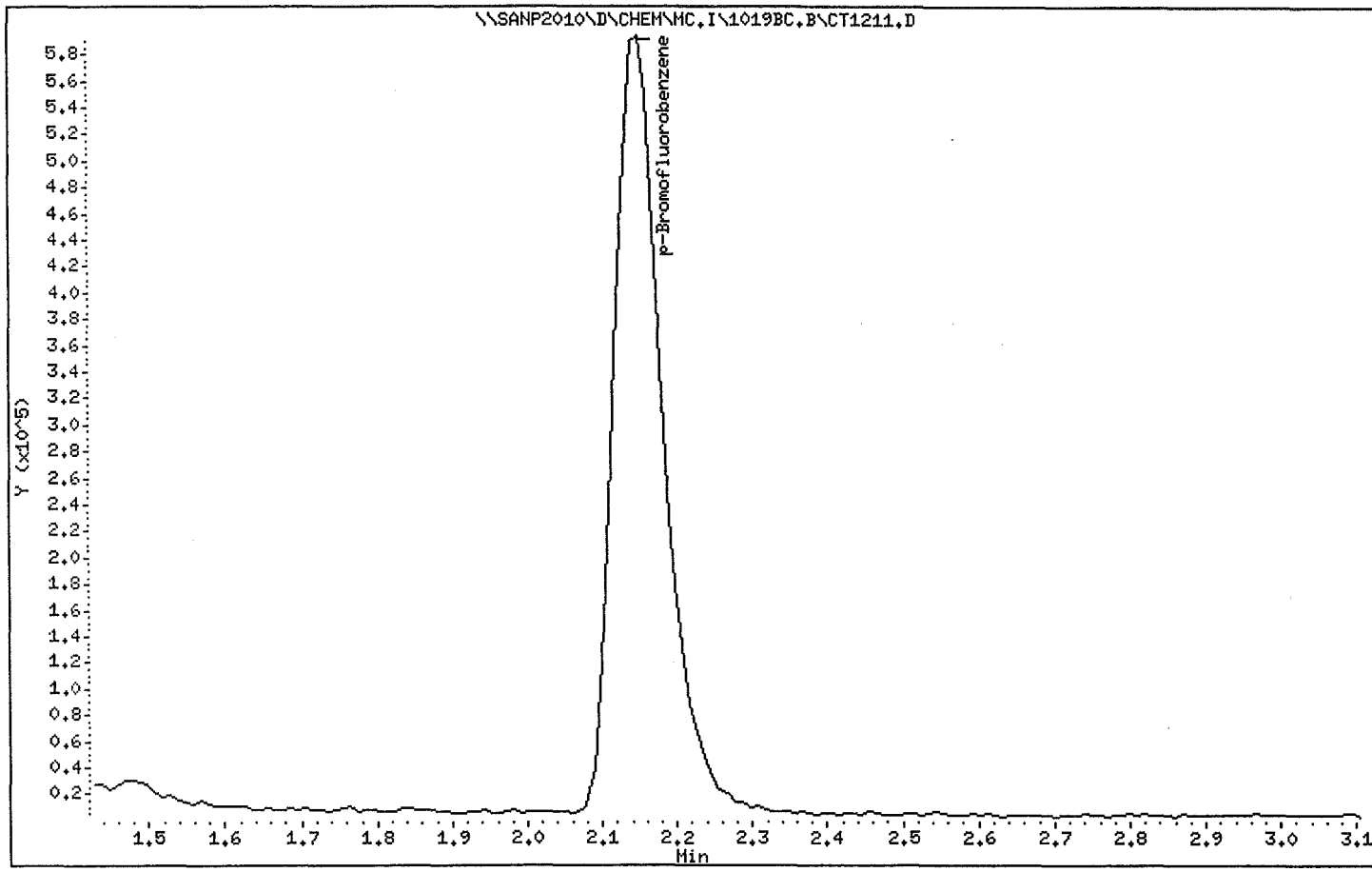
Instrument: mc.i

Sample Info: 50NG BFB,BFB,,,,,,BFB.M

Operator: AD

Column phase: J&W DB-624

Column diameter: 0.53



Data File: \\SANP2010\D\CHEM\MC.I\1019BC.B\CT1211.D

Date : 19-OCT-2000 16:35

Client ID:

Instrument: mc.i

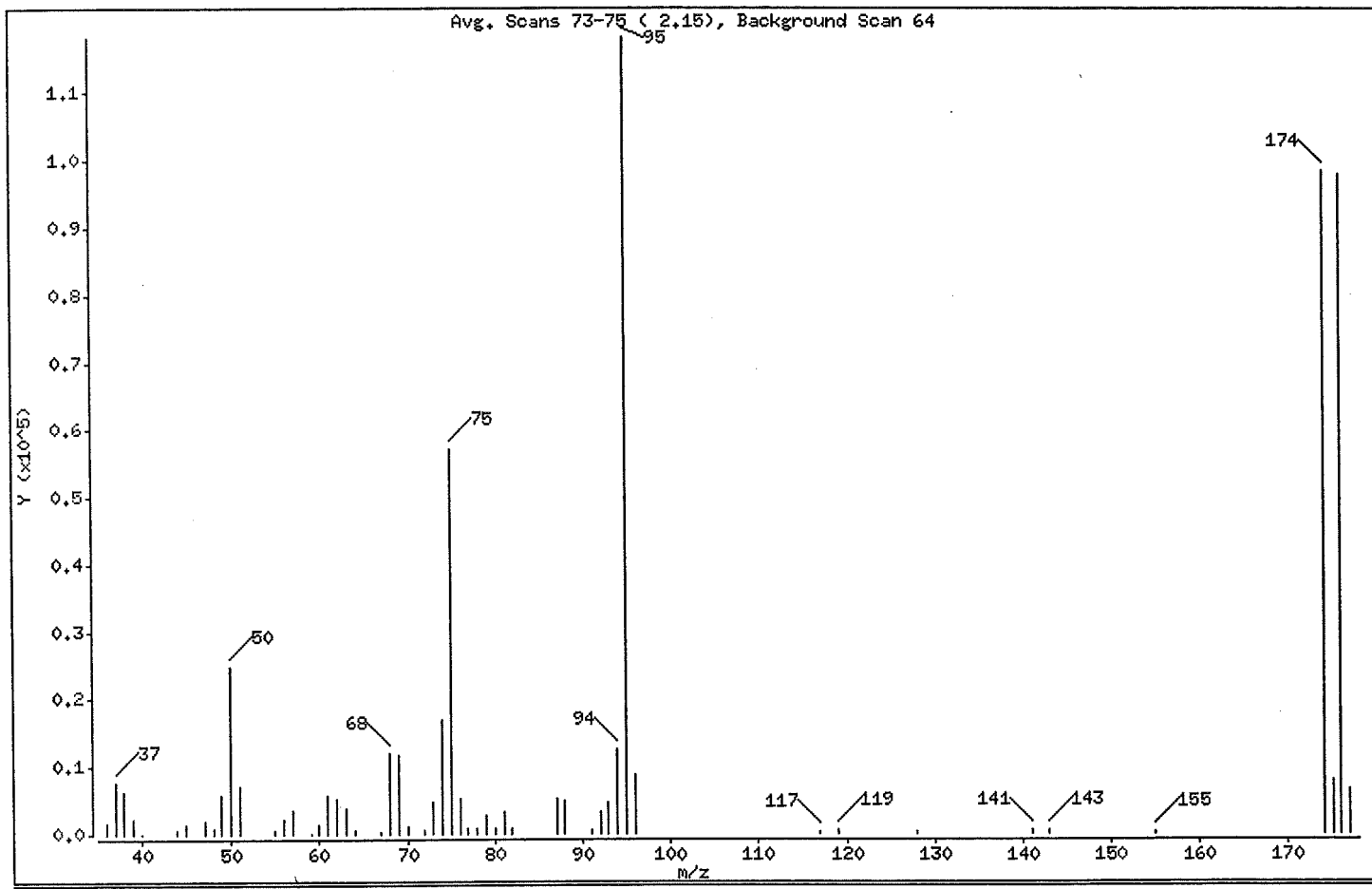
Sample Info: 50NG BFB,BFB,,,,,,BFB.M

Operator: AD

Column phase: J&W DB-624

Column diameter: 0.53

1 p-Bromofluorobenzene



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	20.97
75	30.00 - 60.00% of mass 95	48.29
96	5.00 - 9.00% of mass 95	7.45
173	Less than 2.00% of mass 174	0.00 (0.00)
174	Greater than 50.00% of mass 95	83.22
175	5.00 - 9.00% of mass 174	6.56 (7.88)
176	95.00 - 101.00% of mass 174	82.67 (99.34)
177	5.00 - 9.00% of mass 176	5.53 (6.69)

Data File: \\SANP2010\D\CHEM\MC.I\1019BC.B\CT1211.D

Date : 19-OCT-2000 16:35

Client ID:

Instrument: mc.i

Sample Info: 50NG BFB,BFB,,,,,,BFB.M

Operator: AD

Column phase: J&W DB-624

Column diameter: 0.53

Data File: CT1211.D
Spectrum: Avg. Scans 73-75 (2.15), Background Scan 64
Location of Maximum: 95.00
Number of points: 54

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1510	57.00	3533	75.00	57112	95.00	118280
37.00	7518	59.00	1	76.00	5096	96.00	8807
38.00	6285	60.00	1383	77.00	819	117.00	383
39.00	2217	61.00	5830	78.00	791	119.00	428
40.00	122	62.00	5159	79.00	2701	128.00	365
44.00	640	63.00	3781	80.00	935	141.00	533
45.00	1295	64.00	442	81.00	2920	143.00	558
47.00	1779	67.00	355	82.00	912	155.00	168
48.00	828	68.00	12018	87.00	5124	174.00	98432
49.00	5810	69.00	11761	88.00	4956	175.00	7759
50.00	24800	70.00	1132	91.00	470	176.00	97776
51.00	7167	72.00	639	92.00	3179	177.00	6542
55.00	418	73.00	4589	93.00	4602		
56.00	2075	74.00	16920	94.00	12525		

STL Los Angeles

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: mc.i
Lab File ID: CS2056.D
Analysis Type: WATER
Lab Sample ID: 10PPB 8260BSTD Quant Type: ISTD
Method: \\SANP2010\D\CHEM\MC.I\1019BC.B\8260BCL.m

Injection Date: 19-OCT-2000 16:49
Init. Cal. Date(s): 13-OCT-2000 13-OCT-2000
Init. Cal. Times: 17:00 19:30

m 10/19/2000

	COMPOUND	RRF	RF10	MIN RRF	%D	MAX %D	
	1 Dichlorodifluoromethane	0.47812	0.38456	0.010	-19.6	50.0	
	2 Chloromethane (**)	0.17821	0.20082	0.100	12.7	50.0	
	3 Vinyl chloride (*)	0.21289	0.23945	0.010	12.5	20.0	
	4 Bromomethane	0.22509	0.26443	0.010	17.5	50.0	
	5 Chloroethane	0.13761	0.15718	0.010	14.2	50.0	
	6 Trichlorofluoromethane	0.79484	0.66652	0.010	-16.1	50.0	
	7 Acrolein	0.01737	0.01866	0.010	7.4	50.0	
	8 1,1-Dichloroethene(*)	0.28621	0.26242	0.010	-8.3	20.0	
	9 1,1,2-Trichlorotrifluoroeth	0.47679	0.43228	0.010	-9.3	50.0	
	10 Iodomethane	0.51178	0.61685	0.010	20.5	50.0	
	11 Acetone	0.02094	0.01485	0.010	-29.1	50.0	
	12 Carbon disulfide	0.56701	0.59674	0.010	5.2	50.0	
	13 Methylene chloride	0.22775	0.20946	0.010	-8.0	50.0	
	14 Acrylonitrile	0.00290	0.00325	0.010	12.4	50.0	<-
	15 t-Butanol	0.00522	0.00436	0.010	-16.5	20.0	<-
	16 Vinyl acetate	0.30083	0.26432	0.010	-12.1	50.0	
	17 trans-1,2-Dichloroethene	0.32739	0.29124	0.010	-11.0	20.0	
	18 Methyl-tert-butyl ether(MTB	0.28643	0.23351	0.010	-18.5	50.0	
	19 1,1-Dichloroethane (**)	0.52501	0.45432	0.100	-13.5	20.0	
	20 Isopropyl ether	0.69947	0.68452	0.010	-2.1	20.0	
	21 Tert-butyl ethyl ether	0.56109	0.55927	0.010	-0.3	20.0	
M	22 1,2-Dichloroethene (total)	0.31727	0.29708	0.010	-6.4	20.0	
	23 2,2-Dichloropropane	0.31788	0.29330	0.010	-7.7	50.0	
	24 cis-1,2-Dichloroethene	0.30715	0.30293	0.010	-1.4	20.0	
	25 2-Butanone	0.02365	0.02014	0.010	-14.9	50.0	
	26 Bromochloromethane	0.14855	0.12807	0.010	-13.8	50.0	
	27 Tetrahydrofuran	0.01188	0.01517	0.010	27.7	50.0	
	28 Chloroform (*)	0.76245	0.61507	0.010	-19.3	20.0	
$	29 Dibromofluoromethane	0.53385	0.52254	0.010	-2.1	50.0	
	30 1,1,1-Trichloroethane	0.74110	0.61306	0.010	-17.3	20.0	
	31 Carbon Tetrachloride	0.69529	0.57642	0.010	-17.1	20.0	
	32 1,1-Dichloropropene	0.57059	0.49618	0.010	-13.0	50.0	
$	33 1,2-Dichloroethane-d4	0.24971	0.21283	0.010	-14.8	50.0	
	34 1,2-Dichloroethane-d4 2nd	0.04403	0.05102	0.010	15.9	50.0	
	35 Benzene	0.79444	0.75694	0.010	-4.7	20.0	

STL Los Angeles

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: mc.i
Lab File ID: CS2056.D
Analysis Type: WATER
Lab Sample ID: 10PPB 8260BSTD
Method: \\SANP2010\D\CHEM\MC.I\1019BC.B\8260BCL.m

Injection Date: 19-OCT-2000 16:49
Init. Cal. Date(s): 13-OCT-2000 13-OCT-2000
Init. Cal. Times: 17:00 19:30
Quant Type: ISTD

	COMPOUND	RRF	RF10	MIN RRF	%D	MAX %D	
	36 1,2-Dichloroethane	0.32092	0.23641	0.010	-26.3	20.0	<-
	37 Tert-amyl methyl ether	0.40327	0.36873	0.010	-8.6	20.0	
	39 Trichloroethene	0.50327	0.43618	0.010	-13.3	20.0	
	40 1,2-Dichloropropane(*)	0.27539	0.24843	0.010	-9.8	20.0	
	41 Dibromomethane	0.18816	0.14644	0.010	-22.2	50.0	
	42 Bromodichloromethane	0.54942	0.45182	0.010	-17.8	20.0	
	43 2-Chloroethylvinyl ether	0.00485	0.00551	0.010	13.6	50.0	<-
	44 1-Bromo-2-chloroethane	0.25567	0.27337	0.010	6.9	50.0	
	45 cis-1,3-Dichloropropene	0.31011	0.25862	0.010	-16.6	50.0	
	46 4-Methyl-2-pentanone	0.06770	0.06307	0.010	-6.8	50.0	
$	47 Toluene-d8	1.08611	1.19272	0.010	9.8	50.0	
	48 Toluene (*)	1.39458	1.33971	0.010	-3.9	20.0	
	49 trans-1,3-Dichloropropene	0.27496	0.22536	0.010	-18.0	50.0	
	50 1,1,2-Trichloroethane	0.23393	0.20810	0.010	-11.0	50.0	
	51 Tetrachloroethene	0.72855	0.67487	0.010	-7.4	20.0	
	52 1,3-Dichloropropane	0.37597	0.33227	0.010	-11.6	50.0	
	53 2-Hexanone	0.06631	0.05706	0.010	-14.0	50.0	
	54 Dibromochloromethane	0.49465	0.42405	0.010	-14.3	50.0	
	55 1,2-Dibromoethane	0.31686	0.25353	0.010	-20.0	50.0	
	57 Chlorobenzene (**)	1.07199	0.97974	0.300	-8.6	50.0	
	58 1,1,1,2-Tetrachloroethane	0.53784	0.48589	0.010	-9.7	50.0	
	59 Ethylbenzene (*)	0.52935	0.49353	0.010	-6.8	20.0	
	60 m,p-Xylenes	0.65171	0.62363	0.010	-4.3	20.0	
M	61 Xylenes (total)	0.63479	0.60635	0.010	-4.5	20.0	
	62 o-Xylene	0.60095	0.57179	0.010	-4.9	20.0	
	63 Styrene	0.87833	0.80347	0.010	-8.5	50.0	
	64 Bromoform (**)	0.27134	0.24746	0.100	-8.8	50.0	
	65 Isopropylbenzene	2.09661	1.90813	0.010	-9.0	50.0	
$	66 4-Bromofluorobenzene	0.72278	0.74376	0.010	2.9	50.0	
	67 4-Bromofluorobenzene-2nd	0.61205	0.61839	0.010	1.0	50.0	
	68 Bromobenzene	0.95805	0.84860	0.010	-11.4	50.0	
	69 1,1,2,2-Tetrachloroethane(*	0.45959	0.40785	0.300	-11.3	50.0	
	70 1,2,3-Trichloropropane	0.12147	0.10600	0.010	-12.7	50.0	
	71 n-Propylbenzene	4.06276	3.72814	0.010	-8.2	50.0	
	72 2-Chlorotoluene	0.81296	0.75342	0.010	-7.3	50.0	
	73 4-Chlorotoluene	0.79102	0.76195	0.010	-3.7	50.0	

STL Los Angeles

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: mc.i Injection Date: 19-OCT-2000 16:49
Lab File ID: CS2056.D Init. Cal. Date(s): 13-OCT-2000 13-OCT-2000
Analysis Type: WATER Init. Cal. Times: 17:00 19:30
Lab Sample ID: 10PPB 8260BSTD Quant Type: ISTD
Method: \\SANP2010\D\CHEM\MC.I\1019BC.B\8260BCL.m

COMPOUND	RRF	RF10	MIN RRF	%D	MAX %D
74 1,3,5-Trimethylbenzene	2.83677	2.60867	0.010	-8.0	50.0
75 tert-Butylbenzene	3.12145	2.85842	0.010	-8.4	50.0
76 1,2,4-Trimethylbenzene	2.77919	2.52742	0.010	-9.1	50.0
77 sec-Butylbenzene	4.16324	3.88701	0.010	-6.6	50.0
78 1,3-Dichlorobenzene	1.70685	1.50697	0.010	-11.7	50.0
80 p-Isopropyltoluene	3.46639	3.15465	0.010	-9.0	50.0
81 1,4-Dichlorobenzene	1.72203	1.59815	0.010	-7.2	50.0
82 1,2-Dichlorobenzene	1.37848	1.20343	0.010	-12.7	50.0
83 n-Butylbenzene	3.43040	3.15418	0.010	-8.1	50.0
84 1,2-Dibromo-3-chloropropane	0.08952	0.07701	0.010	-14.0	50.0
85 1,2,4-Trichlorobenzene	1.26756	1.08963	0.010	-14.0	50.0
86 Hexachlorobutadiene	1.72387	1.56301	0.010	-9.3	50.0
87 Napthalene	0.80240	0.66892	0.010	-16.6	20.0
88 1,2,3-Trichlorobenzene	0.96366	0.77012	0.010	-20.1	50.0

STL Los Angeles

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: mc.i
Lab File ID: CS2056.D
Lab Smp Id: 10PPB 8260BSTD
Analysis Type: VOA
Quant Type: ISTD
Operator: AD
Method File: \\SANP2010\D\CHEM\MC.I\1019BC.B\8260BCL.m
Misc Info: ,25,,,2,1-8260B.SUB

Calibration Date: 19-OCT-2000
Calibration Time: 16:49

Level: LOW
Sample Type: WATER

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	2403303	1201652	4806606	2403303	0.00
56 Chlorobenzene-d5	1642275	821138	3284550	1642275	0.00
79 1,4-Dichlorobenze	952925	476463	1905850	952925	0.00

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	8.02	7.52	8.52	8.02	0.00
56 Chlorobenzene-d5	13.48	12.98	13.98	13.48	0.00
79 1,4-Dichlorobenze	18.12	17.62	18.62	18.12	0.00

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

STL Los Angeles Calibration Internal Standard Area Check

CCV File : \\SANP2010\D\chem\mc.i\1019BC.B/CS2056.D
Inj. Date : 19-OCT-2000 16:49

ICAL Mid Point : //SANP2010/D/chem/mc.i/1013BC.B/CS2047.D
Inj. Date : 13-OCT-2000 18:30

IS NAME	ICAL RT	CCV RT	DIFF.	ICAL AREA	CCV AREA	%DIFF.
Fluorobenzene	8.02	8.02	-0.01	1611523	2403303	149.1%
Chlorobenzene-d5	13.49	13.48	0.00	1203388	1642275	136.5%
1,4-Dichlorobenzene-d4	18.11	18.12	-0.01	758273	952925	125.7%

8260B Area difference criteria: 50%-200%

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2010\D\chem\mc.i\1019BC.B\CS2056.D
Lab Smp Id: 10PPB 8260BSTD
Inj Date : 19-OCT-2000 16:49
Operator : AD Inst ID: mc.i
Smp Info : 10PPB 8260BSTD,,,3,0,,,8260BCL.M
Misc Info : ,25,,,2,1-8260B.SUB
Comment :
Method : \\SANP2010\D\CHEM\MC.I\1019BC.B\8260BCL.m
Meth Date : 19-Oct-2000 17:14 donga Quant Type: ISTD
Cal Date : 13-OCT-2000 19:30 Cal File: CS2049.D
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 1-8260B.SUB
Target Version: 4.00
Processing Host: SANP2010

Concentration Formula: Amt * DF * Uf * Vod/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Fctor
Vod	25.000	Default Sample Volume
Vo	25.000	Sample Volume

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
1 Dichlorodifluoromethane	85	1.865	1.865	(0.232)	924223	10.0000	8.04
2 Chloromethane (**)	50	2.102	2.102	(0.262)	482627	10.0000	11.27
3 Vinyl chloride (*)	62	2.161	2.161	(0.269)	575466	10.0000	11.25
4 Bromomethane	94	2.496	2.496	(0.311)	635497	10.0000	11.75
5 Chloroethane	64	2.594	2.594	(0.323)	377763	10.0000	11.42
6 Trichlorofluoromethane	101	2.910	2.910	(0.363)	1601856	10.0000	8.38
7 Acrolein	56	5.009	5.009	(0.624)	448366	100.000	107.4
8 1,1-Dichloroethene(*)	96	3.501	3.501	(0.436)	630669	10.0000	9.17
9 1,1,2-Trichlorotrifluoroethan	151	3.531	3.531	(0.440)	1038895	10.0000	9.07
10 Iodomethane	142	3.688	3.688	(0.460)	2964931	20.0000	24.10
11 Acetone	43	3.560	3.560	(0.444)	178459	50.0000	35.46
12 Carbon disulfide	76	3.777	3.777	(0.471)	1434137	10.0000	10.52(M)
13 Methylene chloride	84	4.152	4.152	(0.517)	503390	10.0000	9.20
14 Acrylonitrile	53	7.443	7.443	(0.928)	78222	100.000	112.4(Q)
15 t-Butanol	59	4.398	4.398	(0.548)	41942	40.0000	33.40(M)

10/19/2000

10/19/2000

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
	16 Vinyl acetate	43	5.364	5.364	(0.668)	1270497	20.0000	17.57
	17 trans-1,2-Dichloroethene	96	4.565	4.565	(0.569)	699927	10.0000	8.90
	18 Methyl-tert-butyl ether[MTBE]	73	4.605	4.605	(0.574)	561195	10.0000	8.15
	19 1,1-Dichloroethane (**)	63	5.186	5.186	(0.646)	1091878	10.0000	8.65
	20 Isopropyl ether	45	5.374	5.374	(0.670)	1645113	10.0000	9.79
	21 Tert-butyl ethyl ether	59	5.965	5.965	(0.743)	1344097	10.0000	9.97
M	22 1,2-Dichloroethene (total)	100				1427962	20.0000	18.76
	23 2,2-Dichloropropane	77	6.093	6.093	(0.759)	704899	10.0000	9.23
	24 cis-1,2-Dichloroethene	96	6.103	6.103	(0.761)	728035	10.0000	9.86
	25 2-Butanone	43	6.162	6.162	(0.768)	241991	50.0000	42.57
	26 Bromochloromethane	128	6.477	6.477	(0.807)	307802	10.0000	8.62
	27 Tetrahydrofuran	42	6.606	6.606	(0.823)	36467	10.0000	12.77
	28 Chloroform (*)	83	6.645	6.645	(0.828)	1478208	10.0000	8.07
$	29 Dibromofluoromethane	111	6.901	6.901	(0.860)	1255823	10.0000	9.79
	30 1,1,1-Trichloroethane	97	6.931	6.931	(0.864)	1473370	10.0000	8.27
	31 Carbon Tetrachloride	117	7.207	7.207	(0.898)	1385311	10.0000	8.29
	32 1,1-Dichloropropene	75	7.207	7.207	(0.898)	1192467	10.0000	8.70
$	33 1,2-Dichloroethane-d4	65	7.443	7.443	(0.928)	511503	10.0000	8.52
	34 1,2-Dichloroethane-d4 2nd	102	7.443	7.443	(0.928)	122627	10.0000	11.59(Q)
	35 Benzene	78	7.542	7.542	(0.940)	1819158	10.0000	9.53
	36 1,2-Dichloroethane	62	7.571	7.571	(0.944)	568175	10.0000	7.37
	37 Tert-amyl methyl ether	73	7.808	7.808	(0.973)	886163	10.0000	9.14
*	38 Fluorobenzene	96	8.025	8.025	(1.000)	2403303	10.0000	
	39 Trichloroethene	130	8.665	8.665	(1.080)	1048274	10.0000	8.67
	40 1,2-Dichloropropane(*)	63	9.030	9.030	(1.125)	597055	10.0000	9.02
	41 Dibromomethane	93	9.227	9.227	(1.150)	351950	10.0000	7.78
	42 Bromodichloromethane	83	9.533	9.533	(1.188)	1085849	10.0000	8.22
	43 2-Chloroethylvinyl ether	106	10.114	10.114	(1.260)	26506	20.0000	22.73(Q)
	44 1-Bromo-2-chloroethane	63	10.055	10.055	(1.253)	656990	10.0000	10.69
	45 cis-1,3-Dichloropropene	75	10.351	10.351	(1.290)	621553	10.0000	8.34
	46 4-Methyl-2-pentanone	43	10.656	10.656	(1.328)	757872	50.0000	46.58
$	47 Toluene-d8	98	10.824	10.824	(0.803)	1958782	10.0000	10.98
	48 Toluene (*)	91	10.942	10.942	(0.811)	2200169	10.0000	9.61
	49 trans-1,3-Dichloropropene	75	11.376	11.376	(0.844)	370101	10.0000	8.20
	50 1,1,2-Trichloroethane	97	11.691	11.691	(0.867)	341753	10.0000	8.90
	51 Tetrachloroethene	164	11.957	11.957	(0.887)	1108330	10.0000	9.26
	52 1,3-Dichloropropane	76	11.987	11.987	(0.889)	545686	10.0000	8.84
	53 2-Hexanone	43	12.204	12.204	(0.905)	468541	50.0000	43.02
	54 Dibromochloromethane	129	12.401	12.401	(0.920)	696412	10.0000	8.57
	55 1,2-Dibromoethane	107	12.578	12.578	(0.933)	416369	10.0000	8.00
*	56 Chlorobenzene-d5	117	13.485	13.485	(1.000)	1642275	10.0000	
	57 Chlorobenzene (**)	112	13.544	13.544	(1.004)	1609003	10.0000	9.14
	58 1,1,1,2-Tetrachloroethane	131	13.712	13.712	(1.017)	797968	10.0000	9.03
	59 Ethylbenzene (*)	106	13.790	13.790	(1.023)	810504	10.0000	9.32
	60 m,p-Xylenes	106	14.027	14.027	(1.040)	2048354	20.0000	19.14
M	61 Xylenes (total)	100				2987388	30.0000	28.65
	62 o-Xylene	106	14.776	14.776	(1.096)	939034	10.0000	9.51

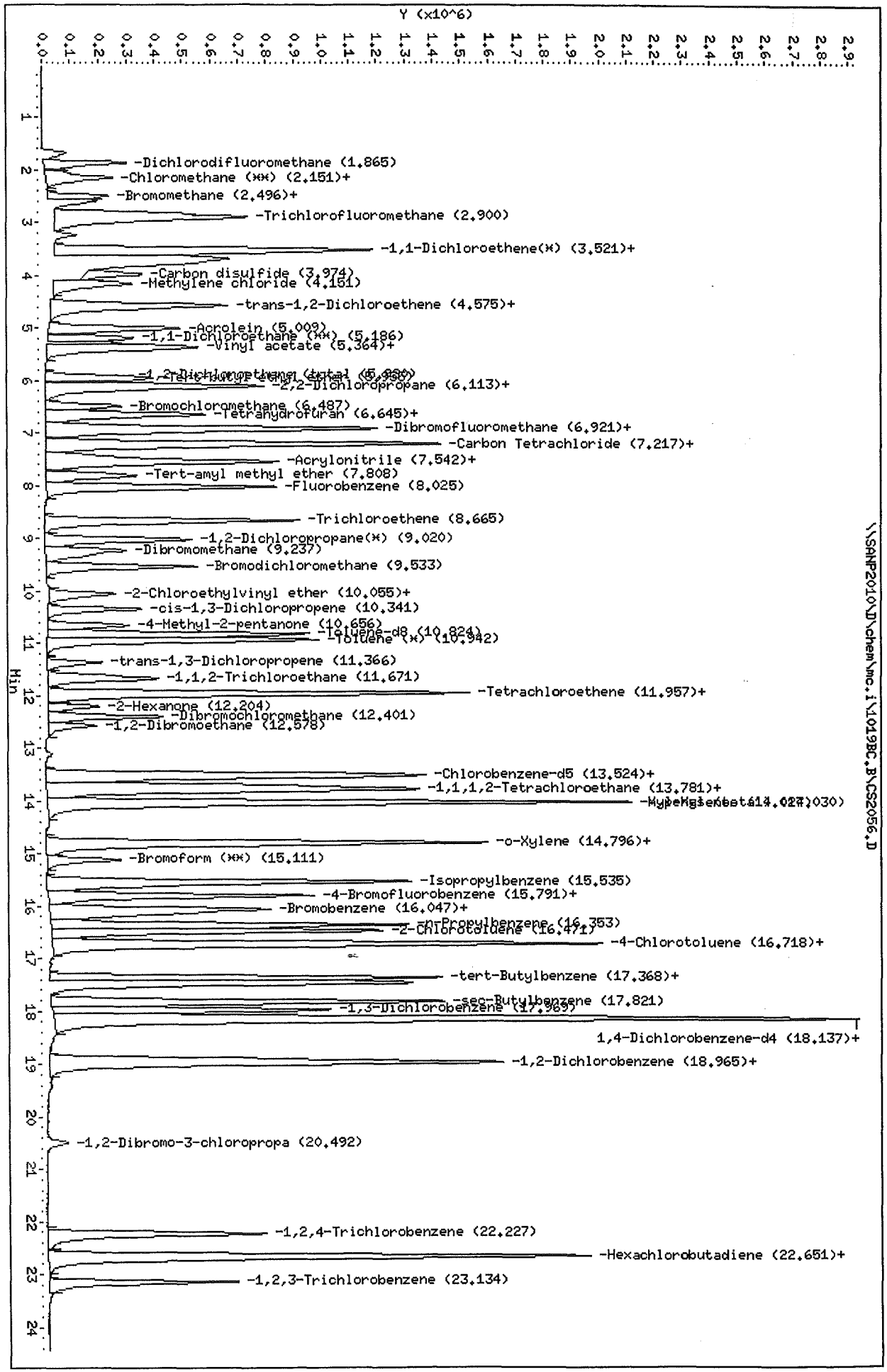
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
63 Styrene	104	14.815	14.815	(1.099)	1319519	10.0000	9.15
64 Bromoform (**)	173	15.111	15.111	(1.121)	406396	10.0000	9.12
65 Isopropylbenzene	105	15.535	15.535	(1.152)	3133676	10.0000	9.10
$ 66 4-Bromofluorobenzene	95	15.801	15.801	(1.172)	1221466	10.0000	10.29
67 4-Bromofluorobenzene-2nd	174	15.791	15.791	(1.171)	1015573	10.0000	10.10
68 Bromobenzene	156	16.057	16.057	(0.886)	808652	10.0000	8.86
69 1,1,2,2-Tetrachloroethane(**)	83	16.116	16.116	(0.890)	388654	10.0000	8.87
70 1,2,3-Trichloropropane	110	16.166	16.166	(0.892)	101007	10.0000	8.72
71 n-Propylbenzene	91	16.353	16.353	(0.903)	3552637	10.0000	9.18
72 2-Chlorotoluene	126	16.481	16.481	(0.910)	717955	10.0000	9.27
73 4-Chlorotoluene	126	16.698	16.698	(0.922)	726079	10.0000	9.63
74 1,3,5-Trimethylbenzene	105	16.727	16.727	(0.923)	2485871	10.0000	9.20
75 tert-Butylbenzene	119	17.368	17.368	(0.959)	2723863	10.0000	9.16
76 1,2,4-Trimethylbenzene	105	17.476	17.476	(0.965)	2408438	10.0000	9.09
77 sec-Butylbenzene	105	17.821	17.821	(0.984)	3704026	10.0000	9.34
78 1,3-Dichlorobenzene	146	17.969	17.969	(0.992)	1436030	10.0000	8.83
* 79 1,4-Dichlorobenzene-d4	152	18.117	18.117	(1.000)	952925	10.0000	(Q)
80 p-Isopropyltoluene	119	18.147	18.147	(1.002)	3006149	10.0000	9.10
81 1,4-Dichlorobenzene	146	18.166	18.166	(1.003)	1522913	10.0000	9.28
82 1,2-Dichlorobenzene	146	18.886	18.886	(1.042)	1146777	10.0000	8.73
83 n-Butylbenzene	91	18.975	18.975	(1.047)	3005699	10.0000	9.19
84 1,2-Dibromo-3-chloropropane	157	20.492	20.492	(1.131)	73383	10.0000	8.60
85 1,2,4-Trichlorobenzene	180	22.227	22.227	(1.227)	1038340	10.0000	8.60
86 Hexachlorobutadiene	225	22.651	22.651	(1.250)	1489428	10.0000	9.07
87 Napthalene	128	22.700	22.700	(1.253)	637429	10.0000	8.34
88 1,2,3-Trichlorobenzene	180	23.144	23.144	(1.277)	733865	10.0000	7.99

QC Flag Legend

Q - Qualifier signal failed the ratio test.
M - Compound response manually integrated.

Data File: \\SANP2010\D\chem\mc.i\1019BC.B\CS2056.D
Date : 19-OCT-2000 16:49
Client ID:
Sample Info: 10PPB 8260BSTD,,3.0,,8260BCL.M
Purge Volume: 25.0
Column phase: J&W DB-624

Instrument: mc.i
Operator: AD
Column diameter: 0.53



STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2010\D\CHEM\MC.I\1019BC.B\C09942.D
Lab Smp Id: LCS-1019BC Client Smp ID: C09942
Inj Date : 19-OCT-2000 17:29
Operator : AD Inst ID: mc.i
Smp Info : LCS-1019BC,LCS,1,,0,1,0,8260BCL.M,C09942
Misc Info : ,25,,,3,SPK.SUB,SH.SPK
Comment :
Method : \\SANP2010\D\CHEM\MC.I\1019BC.B\8260BCL.m
Meth Date : 19-Oct-2000 17:36 donga Quant Type: ISTD
Cal Date : 13-OCT-2000 19:30 Cal File: CS2049.D
Als bottle: 2 QC Sample: LCS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: SPK.SUB
Target Version: 4.00
Processing Host: SANP2010

Concentration Formula: Amt * DF * Uf * Vod/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Fctor
Vod	25.000	Default Sample Volume
Vo	25.000	Sample Volume

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
8 1,1-Dichloroethene(*)	96	3.501	3.501	(0.436)	592636	9.35077	9.35
$ 29 Dibromofluoromethane	111	6.901	6.901	(0.860)	1194931	10.1080	10.11
$ 33 1,2-Dichloroethane-d4	65	7.453	7.443	(0.929)	501925	9.07697	9.08
34 1,2-Dichloroethane-d4 2nd	102	7.453	7.443	(0.929)	109327	11.2134	11.21(Q)
35 Benzene	78	7.541	7.542	(0.940)	1710295	9.72181	9.72
* 38 Fluorobenzene	96	8.024	8.025	(1.000)	2214421	10.0000	
39 Trichloroethene	130	8.665	8.665	(1.080)	974006	8.73980	8.74
$ 47 Toluene-d8	98	10.833	10.824	(0.803)	1841449	11.1472	11.15
48 Toluene (*)	91	10.942	10.942	(0.811)	2018092	9.51430	9.51
* 56 Chlorobenzene-d5	117	13.484	13.485	(1.000)	1520965	10.0000	
57 Chlorobenzene (**)	112	13.543	13.544	(1.004)	1467778	9.00222	9.00
$ 66 4-Bromofluorobenzene	95	15.791	15.801	(1.171)	1174019	10.6794	10.68
67 4-Bromofluorobenzene-2nd	174	15.791	15.791	(1.171)	979000	10.5167	10.52
* 79 1,4-Dichlorobenzene-d4	152	18.117	18.117	(1.000)	911577	10.0000	(Q)

STL Los Angeles

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: mc.i
Lab File ID: C09942.D
Lab Smp Id: LCS-1019BC
Analysis Type: VOA
Quant Type: ISTD
Operator: AD
Method File: \\SANP2010\D\CHEM\MC.I\1019BC.B\8260BCL.m
Misc Info: ,25,,,3,SPK.SUB,SH.SPK

Calibration Date: 19-OCT-2000
Calibration Time: 16:49
Client Smp ID: C09942
Level: LOW
Sample Type: WATER

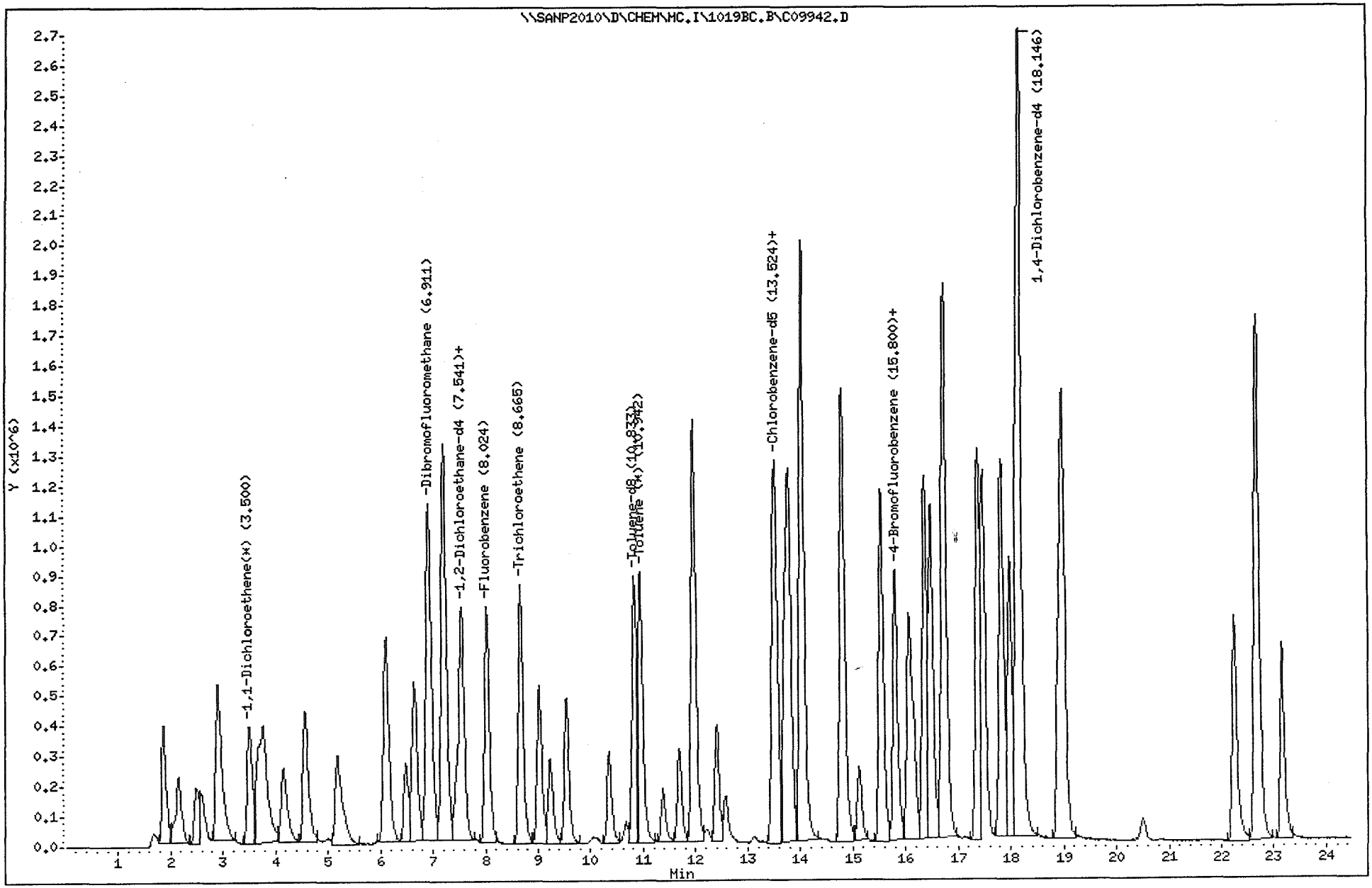
COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	2403303	1201652	4806606	2214421	-7.86
56 Chlorobenzene-d5	1642275	821138	3284550	1520965	-7.39
79 1,4-Dichlorobenze	952925	476463	1905850	911577	-4.34

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	8.02	7.52	8.52	8.02	-0.01
56 Chlorobenzene-d5	13.48	12.98	13.98	13.48	-0.00
79 1,4-Dichlorobenze	18.12	17.62	18.62	18.12	-0.00

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Data File: \\SANP2010\D\CHEM\MC.I\1019BC.B\C09942.D
Date : 19-OCT-2000 17:29
Client ID: C09942
Sample Info: LCS-1019BC,LCS,1,,0,1,0,8260BCL.M,C09942
Purge Volume: 25.0
Column phase: J&W DB-624

Instrument: mc.i
Operator: AD
Column diameter: 0.53



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BOE-C6-0173347

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2010\D\CHEM\MC.I\1019BC.B\C09943.D
Lab Smp Id: MB-1019BC Client Smp ID: C09943
Inj Date : 19-OCT-2000 17:58
Operator : AD Inst ID: mc.i
Smp Info : MB-1019BC,BLANK,1,,0,1,0,8260BCL.M,C09943
Misc Info : ,25,,,3,1-8260B.SUB
Comment :
Method : \\SANP2010\D\CHEM\MC.I\1019BC.B\8260BCL.m
Meth Date : 19-Oct-2000 17:36 donga Quant Type: ISTD
Cal Date : 13-OCT-2000 19:30 Cal File: CS2049.D
Als bottle: 3 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 1-8260B.SUB
Target Version: 4.00
Processing Host: SANP2010

Concentration Formula: Amt * DF * Uf * Vod/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Fctor
Vod	25.000	Default Sample Volume
Vo	25.000	Sample Volume

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
14 Acrylonitrile	53	7.428	7.443	(0.926)	54535	88.5464	88.55(Q)
$ 29 Dibromofluoromethane	111	6.906	6.901	(0.861)	1149301	10.1232	10.12
$ 33 1,2-Dichloroethane-d4	65	7.428	7.443	(0.926)	470748	8.86451	8.86
34 1,2-Dichloroethane-d4 2nd	102	7.438	7.443	(0.927)	95848	10.2367	10.24
37 Tert-amyl methyl ether	73	8.000	7.808	(0.998)	34433	0.40150	0.401(a)
* 38 Fluorobenzene	96	8.020	8.025	(1.000)	2126651	10.0000	
$ 47 Toluene-d8	98	10.828	10.824	(0.803)	1762247	10.4987	10.50
* 56 Chlorobenzene-d5	117	13.480	13.485	(1.000)	1545467	10.0000	
$ 66 4-Bromofluorobenzene	95	15.796	15.801	(1.172)	1118578	10.0138	10.01
67 4-Bromofluorobenzene-2nd	174	15.796	15.791	(1.172)	916379	9.68789	9.69
* 79 1,4-Dichlorobenzene-d4	152	18.122	18.117	(1.000)	878558	10.0000	(Q)

STL Los Angeles

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: mc.i
Lab File ID: C09943.D
Lab Smp Id: MB-1019BC
Analysis Type: VOA
Quant Type: ISTD
Operator: AD
Method File: \\SANP2010\D\CHEM\MC.I\1019BC.B\8260BCL.m
Misc Info: ,25,,,3,1-8260B.SUB

Calibration Date: 19-OCT-2000
Calibration Time: 16:49
Client Smp ID: C09943
Level: LOW
Sample Type: WATER

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	2403303	1201652	4806606	2126651	-11.51
56 Chlorobenzene-d5	1642275	821138	3284550	1545467	-5.89
79 1,4-Dichlorobenze	952925	476463	1905850	878558	-7.80

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	8.02	7.52	8.52	8.02	-0.06
56 Chlorobenzene-d5	13.48	12.98	13.98	13.48	-0.04
79 1,4-Dichlorobenze	18.12	17.62	18.62	18.12	0.03

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2010\D\chem\mc.i\1019BC.B\C09943.D
Lab Smp Id: MB-1019BC Client Smp ID: C09943
Inj Date : 19-OCT-2000 17:58
Operator : AD Inst ID: mc.i
Smp Info : MB-1019BC,BLANK,1,,0,1,0,8260BCL.M,C09943
Misc Info : ,25,,,3,1-8260B.SUB
Comment :
Method : \\SANP2010\D\CHEM\MC.I\1019BC.B\8260BCL.m
Meth Date : 24-Oct-2000 17:35 donga Quant Type: ISTD
Cal Date : 13-OCT-2000 19:30 Cal File: CS2049.D
Als bottle: 3 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 1-8260B.SUB
Target Version: 4.00
Processing Host: SANP2010

- NO TENTATIVELY IDENTIFIED COMPOUNDS -

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: MB-1019BC
Operator : AD
Sample Location:
Sample Matrix: WATER
Analysis Type: VOA

Client SDG: SDGa02609
Client Smp ID: C09943
Sample Date:
Sample Point:
Date Received:
Level: LOW

Number TICs found: 0

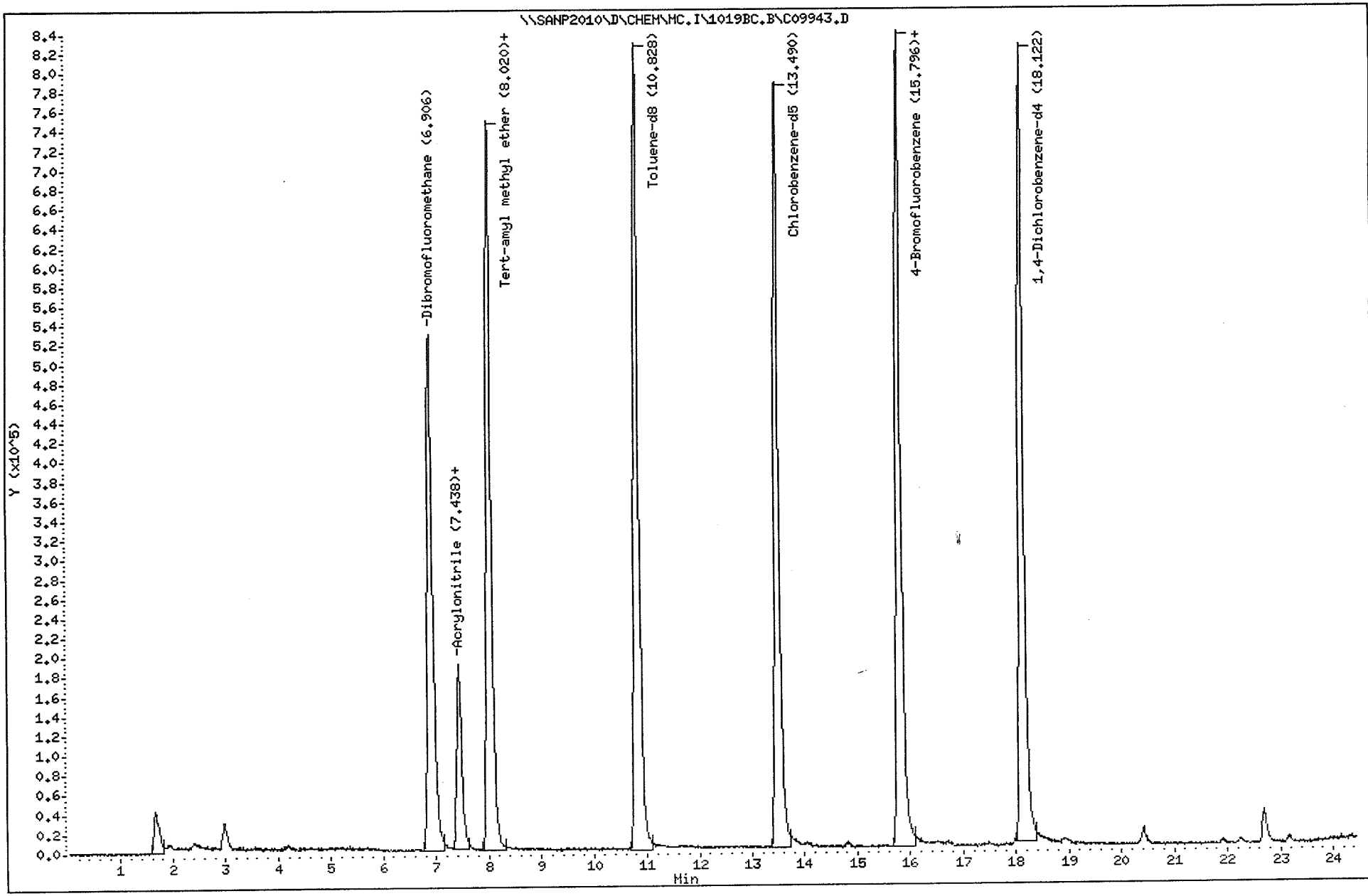
CONCENTRATION UNITS:
(ug/L or ug/KG) ug/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Data File: \\SANP2010\D\CHEM\MC.I\1019BC.B\C09943.D
Date : 19-OCT-2000 17:58
Client ID: C09943
Sample Info: MB-1019BC,BLANK,1,,0,1,0,8260BCL.M,C09943
Purge Volume: 25.0
Column phase: J&W DB-624

Instrument: mc.i

Operator: AD
Column diameter: 0.53



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BOE-C6-0173353

Data File: \\SANP2010\D\CHEM\MC.I\1019BC.B\C09943.D

Date : 19-OCT-2000 17:58

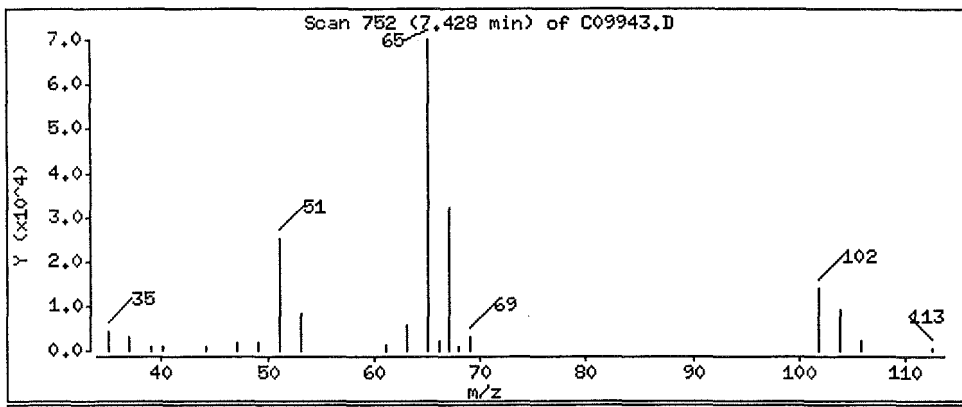
Client ID: C09943 Instrument: mc.i

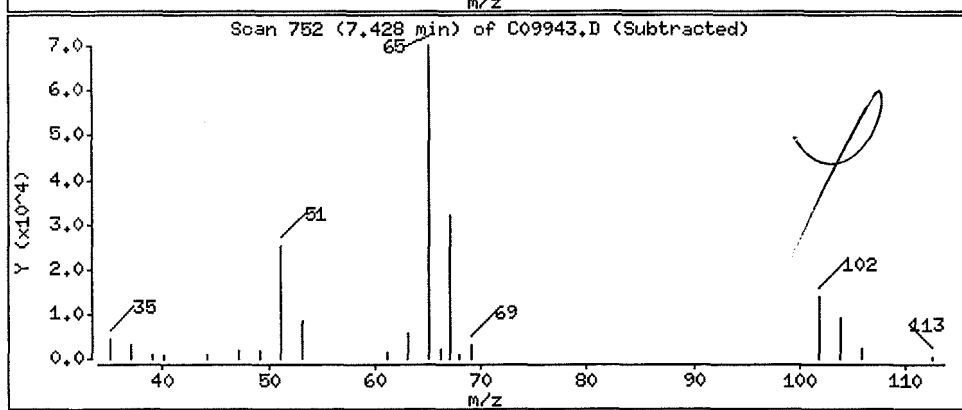
Sample Info: MB-1019BC,BLANK,1,,0,1,0,8260BCL.M,C09943

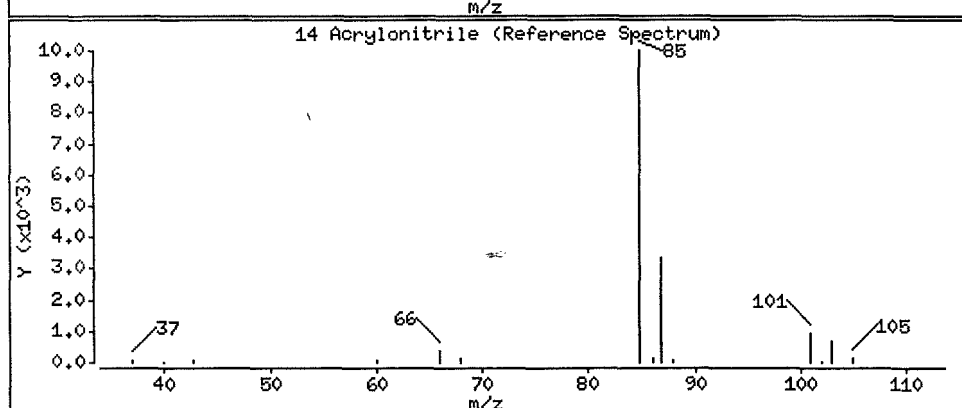
Purge Volume: 25.0 Operator: AD

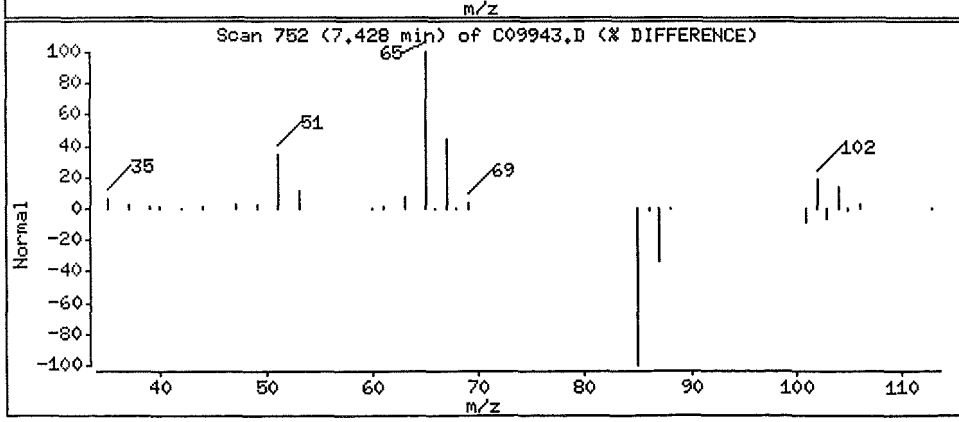
Column phase: J&W DB-624 Column diameter: 0.53

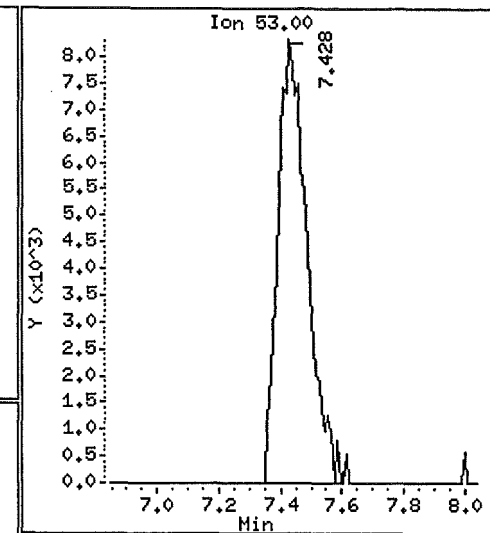
14 Acrylonitrile Concentration: 88.55 ug/L

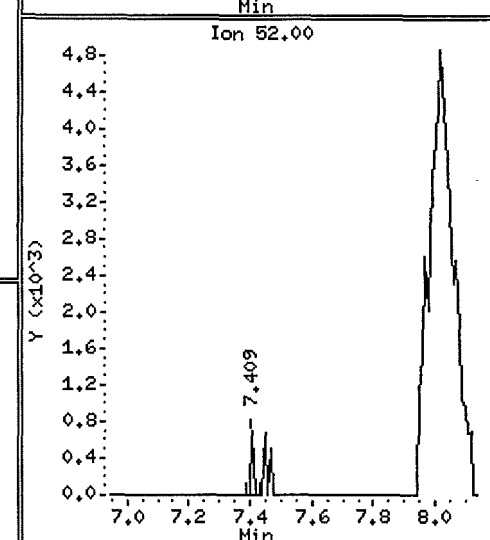


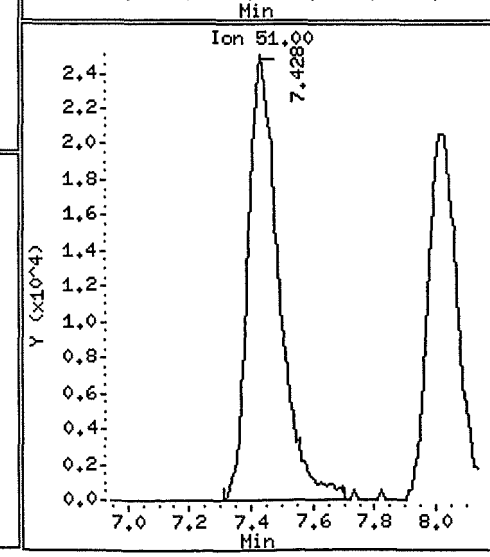












Data File: \\SANP2010\D\CHEM\MC.I\1019BC.B\C09943.D

Date : 19-OCT-2000 17:58

Client ID: C09943

Instrument: mc.i

Sample Info: MB-1019BC,BLANK,1,,0,1,0,8260BCL.M,C09943

Purge Volume: 25.0

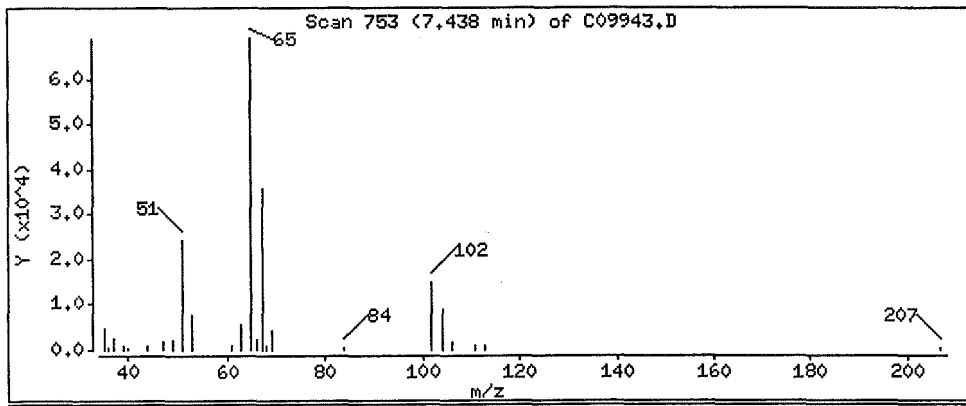
Operator: AD

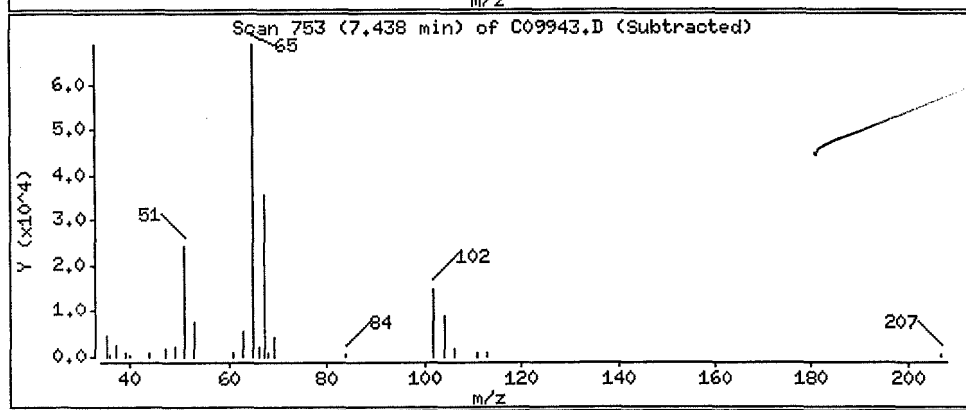
Column phase: J&W DB-624

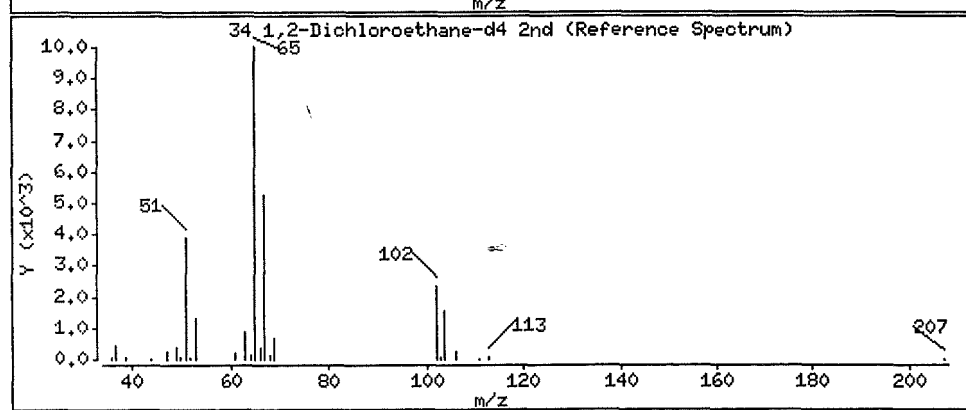
Column diameter: 0.53

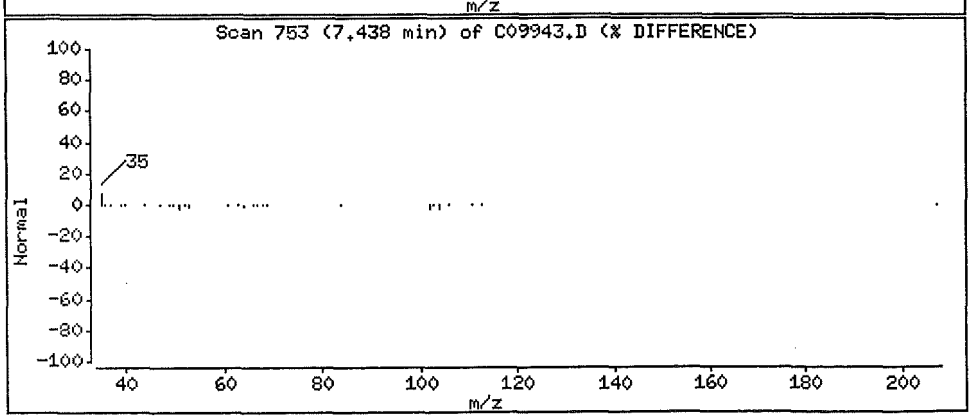
34 1,2-Dichloroethane-d4 2nd

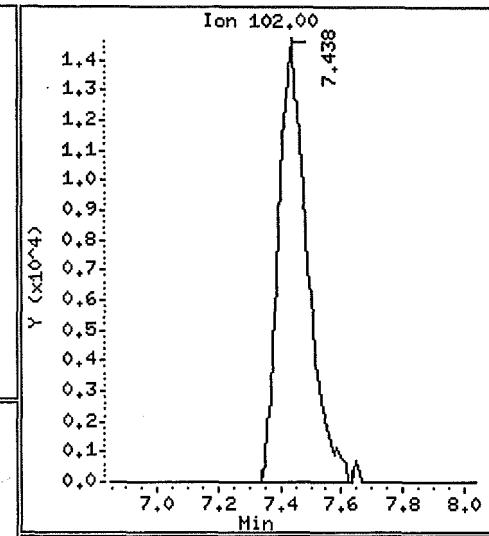
Concentration: 10.24 ug/L

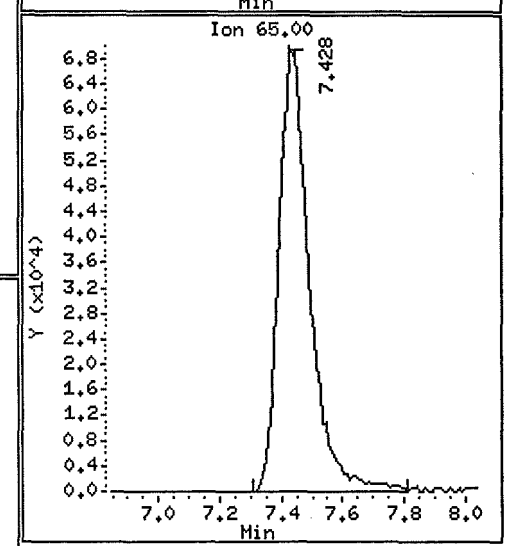












Data File: \\SANP2010\D\CHEM\MC.I\1019BC.B\C09943.D

Date : 19-OCT-2000 17:58

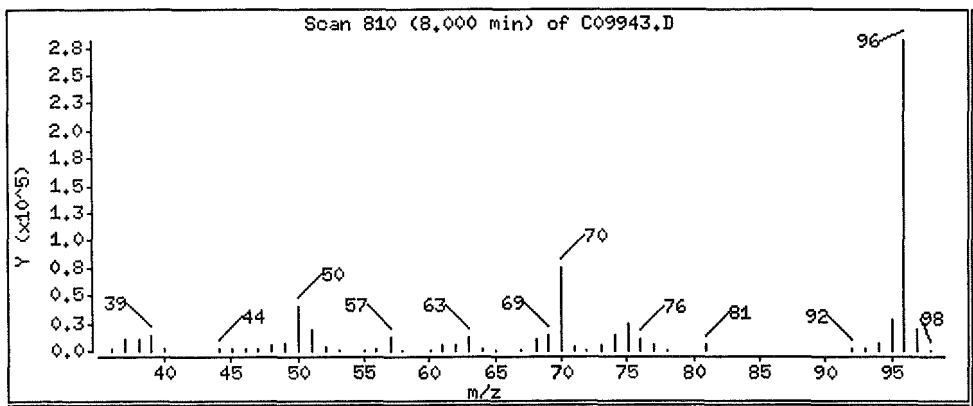
Client ID: C09943 Instrument: mc.i

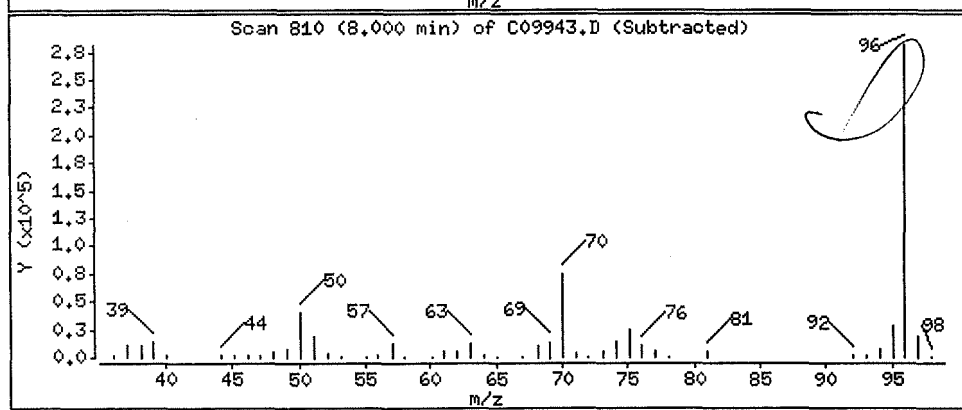
Sample Info: MB-1019BC,BLANK,1,,0,1,0,8260BCL.M,C09943

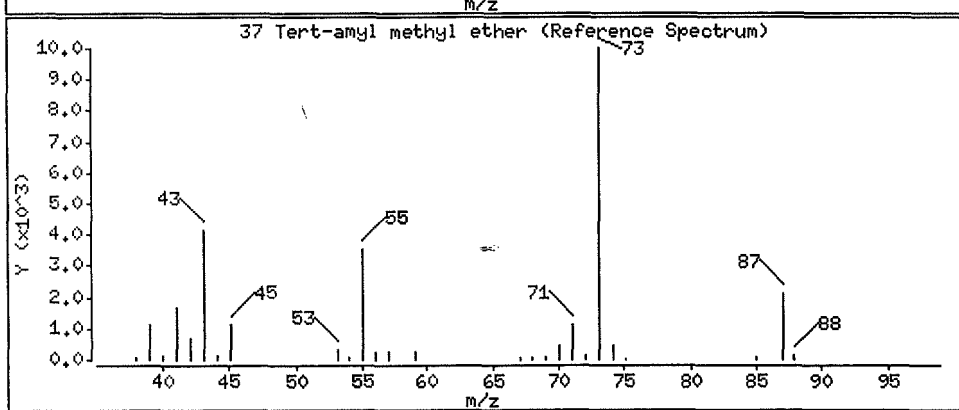
Purge Volume: 25.0 Operator: AD

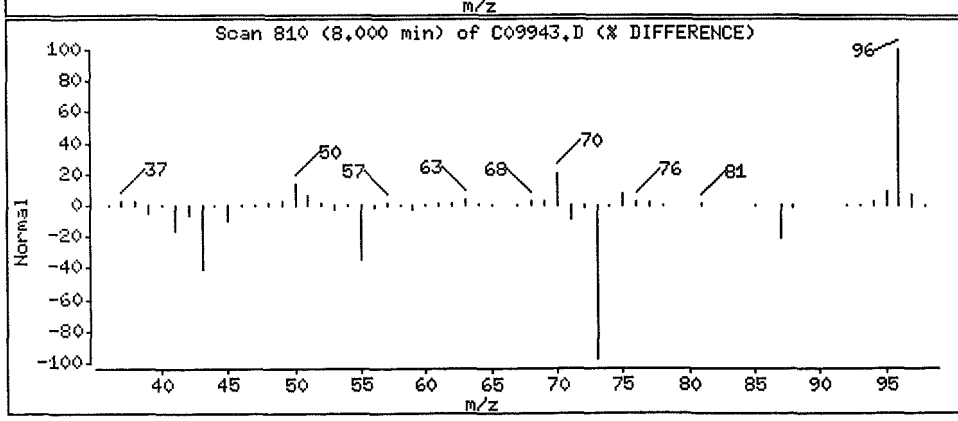
Column phase: J&W DB-624 Column diameter: 0.53

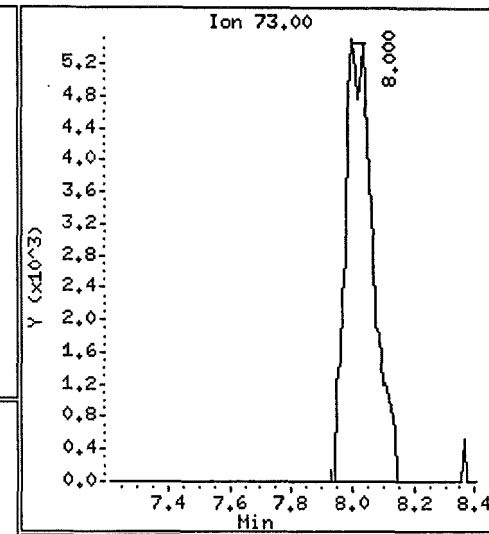
37 Tert-amyl methyl ether Concentration: 0.401 ug/L

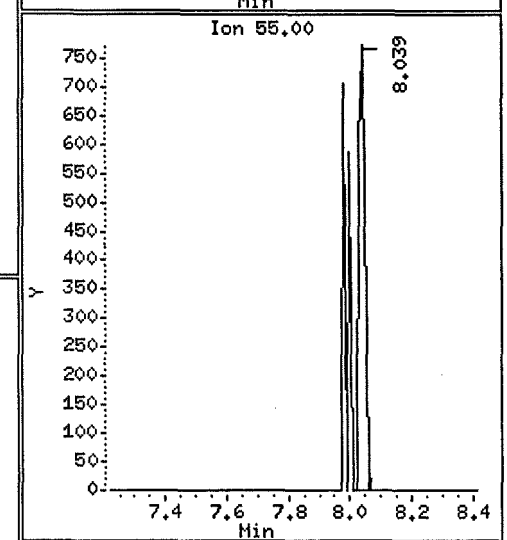


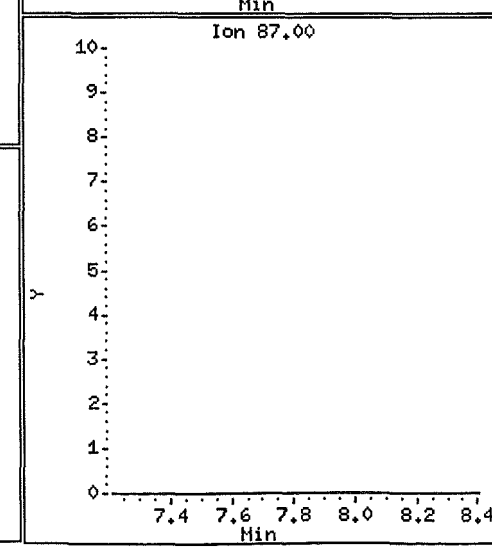












Data File: \\SANP2010\D\CHEM\MC.I\1019BC.B\C09943.D

Date : 19-OCT-2000 17:58

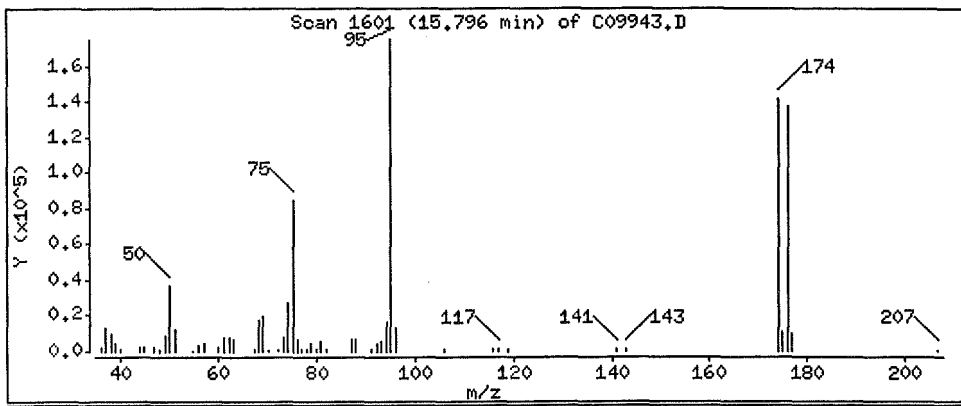
Client ID: C09943 Instrument: mc.i

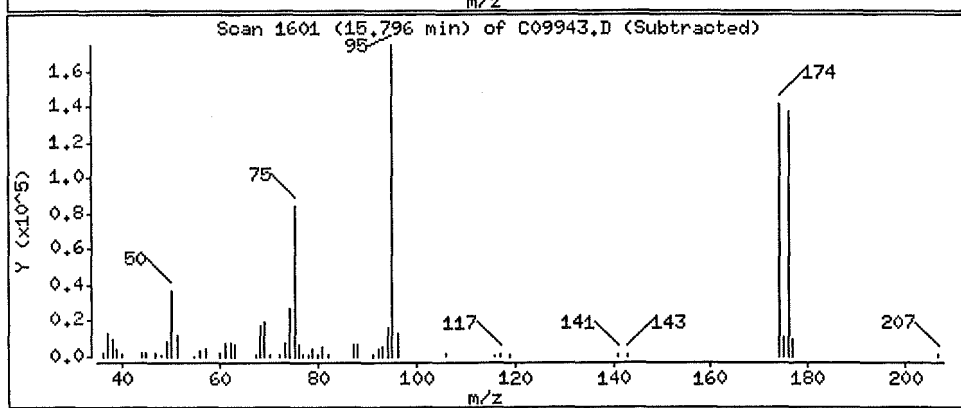
Sample Info: MB-1019BC,BLANK,1,,0,1,0,8260BCL.M,C09943

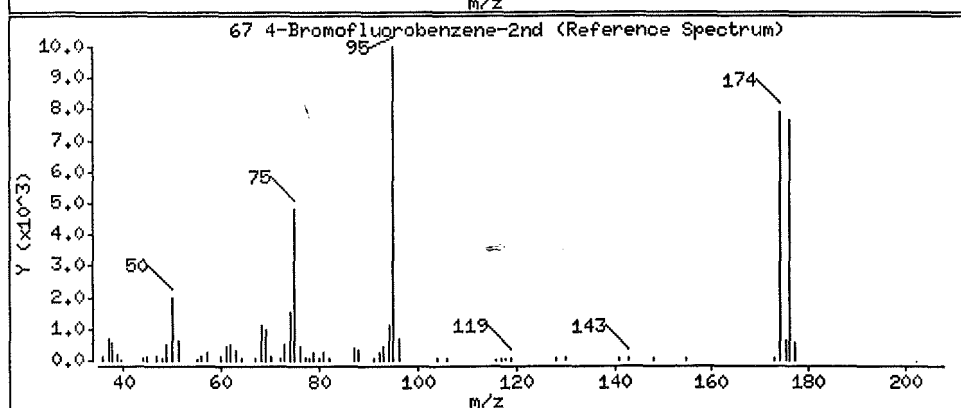
Purge Volume: 25.0 Operator: AD

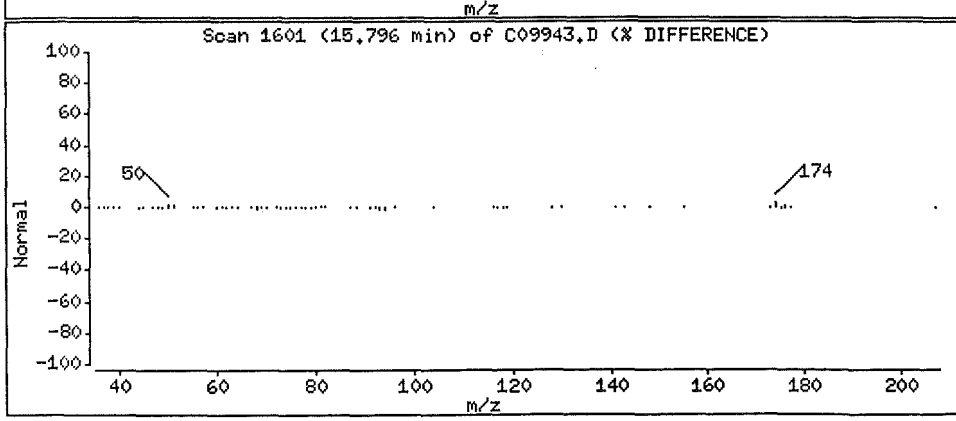
Column phase: J&W DB-624 Column diameter: 0.53

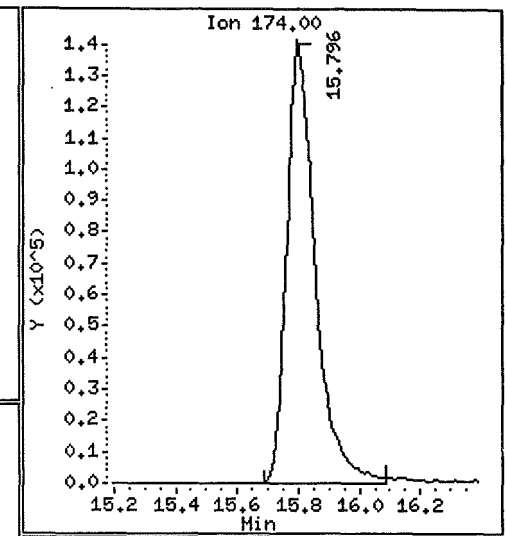
67 4-Bromofluorobenzene-2nd Concentration: 9.69 ug/L

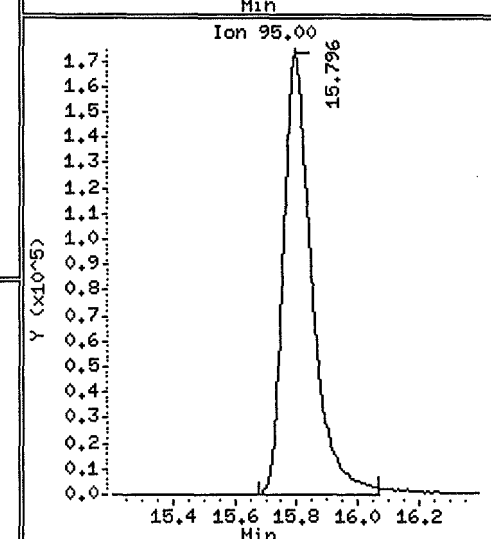


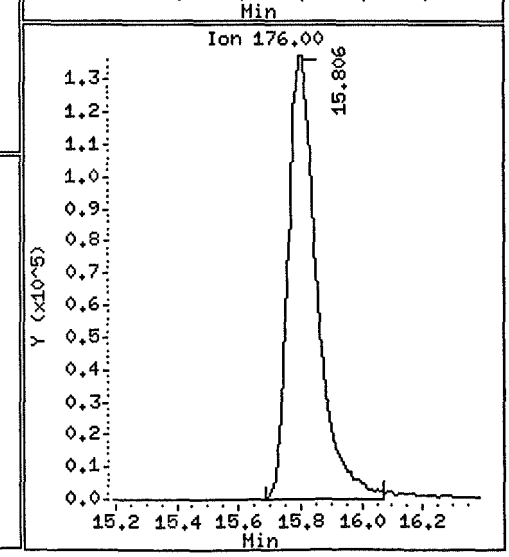












STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2010\D\CHEM\MC.I\1019BC.B\C09962.D
Lab Smp Id: DM9LR1AM Client Smp ID: C09962
Inj Date : 20-OCT-2000 03:23
Operator : AD Inst ID: mc.i
Smp Info : DM9LR1AM,MS,1,,0,1,0,8260BCL.M,C09962
Misc Info : ,25,,,3,SPK.SUB,SH.SPK
Comment :
Method : \\SANP2010\D\CHEM\MC.I\1019BC.B\8260BCL.m
Meth Date : 19-Oct-2000 17:36 donga Quant Type: ISTD
Cal Date : 13-OCT-2000 19:30 Cal File: CS2049.D
Als bottle: 1 QC Sample: MS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: SPK.SUB
Target Version: 4.00
Processing Host: SANP2010

Concentration Formula: Amt * DF * Uf * Vod/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Fctor
Vod	25.000	Default Sample Volume
Vo	25.000	Sample Volume

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	8 1,1-Dichloroethene(*)	96	3.491	3.501	(0.436)	518077	9.58328	9.58
$	29 Dibromofluoromethane	111	6.891	6.901	(0.860)	1059553	10.5076	10.51
$	33 1,2-Dichloroethane-d4	65	7.423	7.443	(0.926)	491443	10.4192	10.42
	34 1,2-Dichloroethane-d4 2nd	102	7.433	7.443	(0.927)	92100	11.0747	11.07
	35 Benzene	78	7.532	7.542	(0.940)	1436694	9.57418	9.57
*	38 Fluorobenzene	96	8.014	8.025	(1.000)	1888857	10.0000	
	39 Trichloroethene	130	8.655	8.665	(1.080)	988474	10.3984	10.40
$	47 Toluene-d8	98	10.813	10.824	(0.802)	1627656	10.9743	10.97
	48 Toluene (*)	91	10.942	10.942	(0.811)	1808384	9.49583	9.50
*	56 Chlorobenzene-d5	117	13.484	13.485	(1.000)	1365567	10.0000	
	57 Chlorobenzene (**)	112	13.534	13.544	(1.004)	1316935	8.99621	9.00
$	66 4-Bromofluorobenzene	95	15.791	15.801	(1.171)	1043709	10.5745	10.57
	67 4-Bromofluorobenzene-2nd	174	15.800	15.791	(1.172)	849169	10.1600	10.16
*	79 1,4-Dichlorobenzene-d4	152	18.117	18.117	(1.000)	831431	10.0000	(Q)

QC Flag Legend

Q - Qualifier signal failed the ratio test.

STL Los Angeles

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: mc.i
Lab File ID: C09962.D
Lab Smp Id: DM9LR1AM
Analysis Type: VOA
Quant Type: ISTD
Operator: AD
Method File: \\SANP2010\D\CHEM\MC.I\1019BC.B\8260BCL.m
Misc Info: ,25,,,3,SPK.SUB,SH.SPK

Calibration Date: 19-OCT-2000
Calibration Time: 16:49
Client Smp ID: C09962
Level: LOW
Sample Type: WATER

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	2403303	1201652	4806606	1888857	-21.41
56 Chlorobenzene-d5	1642275	821138	3284550	1365567	-16.85
79 1,4-Dichlorobenze	952925	476463	1905850	831431	-12.75

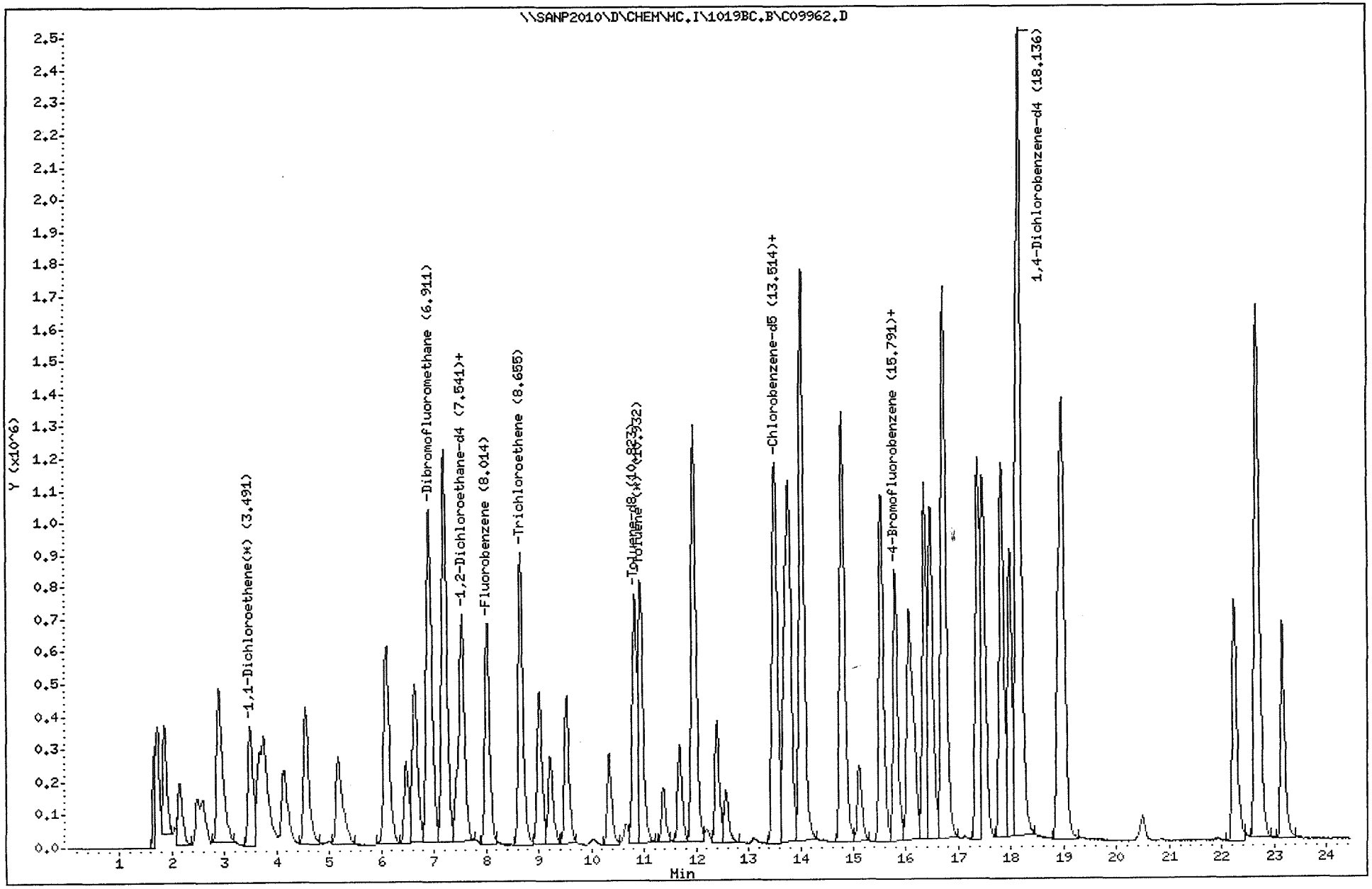
COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	8.02	7.52	8.52	8.01	-0.13
56 Chlorobenzene-d5	13.48	12.98	13.98	13.48	-0.00
79 1,4-Dichlorobenze	18.12	17.62	18.62	18.12	-0.00

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Data File: \\SANP2010\D\CHEM\MC.I\1019BC.B\C09962.D
Date : 20-OCT-2000 03:23
Client ID: C09962
Sample Info: DM9LR1AM,MS,1,,0,1,0,8260BCL.M,C09962
Purge Volume: 25.0
Column phase: J&W DB-624

Instrument: mc.i

Operator: AD
Column diameter: 0.53



000353

BOE-C6-0173361

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2010\D\CHEM\MC.I\1019BC.B\C09963.D
Lab Smp Id: DM9LR1AN Client Smp ID: C09963
Inj Date : 20-OCT-2000 03:53
Operator : AD Inst ID: mc.i
Smp Info : DM9LR1AN,MSD,1,,0,1,0,8260BCL.M,C09963
Misc Info : ,25,,,3,SPK.SUB,SH.SPK
Comment :
Method : \\SANP2010\D\CHEM\MC.I\1019BC.B\8260BCL.m
Meth Date : 19-Oct-2000 17:36 donga Quant Type: ISTD
Cal Date : 13-OCT-2000 19:30 Cal File: CS2049.D
Als bottle: 2 QC Sample: MSD
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: SPK.SUB
Target Version: 4.00
Processing Host: SANP2010

Concentration Formula: Amt * DF * Uf * Vod/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Fctor
Vod	25.000	Default Sample Volume
Vo	25.000	Sample Volume

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
8 1,1-Dichloroethene(*)	96	3.485	3.501	(0.435)	513378	9.48556	9.48
$ 29 Dibromofluoromethane	111	6.895	6.901	(0.861)	1088467	10.7821	10.78
$ 33 1,2-Dichloroethane-d4	65	7.427	7.443	(0.927)	504563	10.6852	10.68
34 1,2-Dichloroethane-d4 2nd	102	7.417	7.443	(0.926)	95569	11.4788	11.48
35 Benzene	78	7.526	7.542	(0.940)	1426667	9.49654	9.50
* 38 Fluorobenzene	96	8.009	8.025	(1.000)	1891009	10.0000	
39 Trichloroethene	130	8.649	8.665	(1.080)	968081	10.1723	10.17
$ 47 Toluene-d8	98	10.818	10.824	(0.803)	1646641	11.0788	11.08
48 Toluene (*)	91	10.936	10.942	(0.811)	1807532	9.47122	9.47
* 56 Chlorobenzene-d5	117	13.479	13.485	(1.000)	1368470	10.0000	
57 Chlorobenzene (**)	112	13.538	13.544	(1.004)	1309216	8.92451	8.92
$ 66 4-Bromofluorobenzene	95	15.795	15.801	(1.172)	1056444	10.6808	10.68
67 4-Bromofluorobenzene-2nd	174	15.795	15.791	(1.172)	869412	10.3802	10.38
* 79 1,4-Dichlorobenzene-d4	152	18.121	18.117	(1.000)	837758	10.0000	(Q)

QC Flag Legend

Q - Qualifier signal failed the ratio test.

STL Los Angeles

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: mc.i
Lab File ID: C09963.D
Lab Smp Id: DM9LR1AN
Analysis Type: VOA
Quant Type: ISTD
Operator: AD
Method File: \\SANP2010\D\CHEM\MC.I\1019BC.B\8260BCL.m
Misc Info: ,25,,,3,SPK.SUB,SH.SPK

Calibration Date: 19-OCT-2000
Calibration Time: 16:49
Client Smp ID: C09963
Level: LOW
Sample Type: WATER

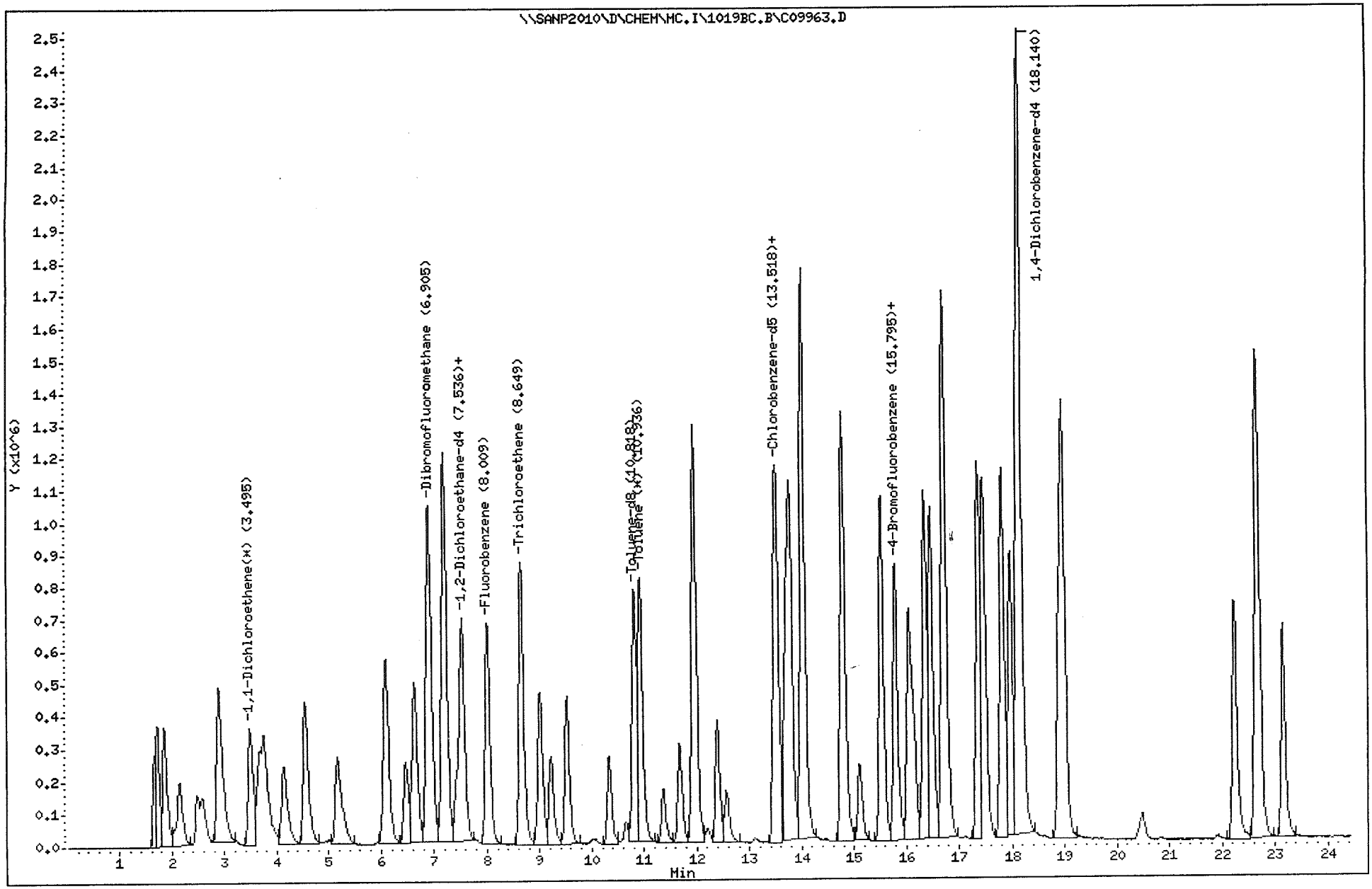
COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	2403303	1201652	4806606	1891009	-21.32
56 Chlorobenzene-d5	1642275	821138	3284550	1368470	-16.67
79 1,4-Dichlorobenze	952925	476463	1905850	837758	-12.09

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	8.02	7.52	8.52	8.01	-0.20
56 Chlorobenzene-d5	13.48	12.98	13.98	13.48	-0.05
79 1,4-Dichlorobenze	18.12	17.62	18.62	18.12	0.02

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Data File: \\SANP2010\D\CHEM\MC.I\1019BC.B\C09963.D
Date : 20-OCT-2000 03:53
Client ID: C09963
Sample Info: DM9LR1AN,MSD,1,,0,1,0,8260BCL.M,C09963
Purge Volume: 25.0
Column phase: J&W DB-624

Instrument: mc.i
Operator: AD
Column diameter: 0.53



BOE-C6-0173365

000357

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2010\D\CHEM\MC.I\1019BC.B\C09945.D
Lab Smp Id: DM9HC1AA Client Smp ID: C09945
Inj Date : 19-OCT-2000 18:58
Operator : AD Inst ID: mc.i
Smp Info : DM9HC1AA,,1,,0,1,0,8260BCL.M,C09945
Misc Info : ,25,,,0,1-8260B.SUB
Comment :
Method : \\SANP2010\D\CHEM\MC.I\1019BC.B\8260BCL.m
Meth Date : 19-Oct-2000 17:36 donga Quant Type: ISTD
Cal Date : 13-OCT-2000 19:30 Cal File: CS2049.D
Als bottle: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 1-8260B.SUB
Target Version: 4.00
Processing Host: SANP2010

Concentration Formula: Amt * DF * Uf * Vod/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Fctor
Vod	25.000	Default Sample Volume
Vo	25.000	Sample Volume

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
11 Acetone	43	3.540	3.560	(0.441)	9788	2.27324	2.27(a)
14 Acrylonitrile	53	7.442	7.443	(0.928)	59362	99.6848	99.68(Q)
$ 29 Dibromofluoromethane	111	6.900	6.901	(0.860)	1165365	10.6164	10.62
$ 33 1,2-Dichloroethane-d4	65	7.433	7.443	(0.926)	510388	9.94022	9.94
34 1,2-Dichloroethane-d4 2nd	102	7.442	7.443	(0.928)	98037	10.8292	10.83
37 Tert-amyl methyl ether	73	8.014	7.808	(0.999)	34084	0.41105	0.411(a)
* 38 Fluorobenzene	96	8.024	8.025	(1.000)	2056205	10.0000	
$ 47 Toluene-d8	98	10.823	10.824	(0.803)	1768113	10.8096	10.81
* 56 Chlorobenzene-d5	117	13.484	13.485	(1.000)	1506005	10.0000	
$ 66 4-Bromofluorobenzene	95	15.800	15.801	(1.172)	1150981	10.5739	10.57
67 4-Bromofluorobenzene-2nd	174	15.800	15.791	(1.172)	946399	10.2674	10.27
* 79 1,4-Dichlorobenzene-d4	152	18.116	18.117	(1.000)	881300	10.0000	(Q)

STL Los Angeles

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: mc.i
Lab File ID: C09945.D
Lab Smp Id: DM9HC1AA
Analysis Type: VOA
Quant Type: ISTD
Operator: AD
Method File: \\SANP2010\D\CHEM\MC.I\1019BC.B\8260BCL.m
Misc Info: ,25,,,0,1-8260B.SUB

Calibration Date: 19-OCT-2000
Calibration Time: 16:49
Client Smp ID: C09945
Level: LOW
Sample Type: WATER

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	2403303	1201652	4806606	2056205	-14.44
56 Chlorobenzene-d5	1642275	821138	3284550	1506005	-8.30
79 1,4-Dichlorobenze	952925	476463	1905850	881300	-7.52

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	8.02	7.52	8.52	8.02	-0.01
56 Chlorobenzene-d5	13.48	12.98	13.98	13.48	-0.01
79 1,4-Dichlorobenze	18.12	17.62	18.62	18.12	-0.00

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2010\D\chem\mc.i\1019BC.B\C09945.D
Lab Smp Id: DM9HC1AA Client Smp ID: C09945
Inj Date : 19-OCT-2000 18:58
Operator : AD Inst ID: mc.i
Smp Info : DM9HC1AA,,1,,0,1,0,8260BCL.M,C09945
Misc Info : ,25,,,0,1-8260B.SUB
Comment :
Method : \\SANP2010\D\CHEM\MC.I\1019BC.B\8260BCL.m
Meth Date : 24-Oct-2000 17:35 donga Quant Type: ISTD
Cal Date : 13-OCT-2000 19:30 Cal File: CS2049.D
Als bottle: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 1-8260B.SUB
Target Version: 4.00
Processing Host: SANP2010

- NO TENTATIVELY IDENTIFIED COMPOUNDS -

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: DM9HC1AA
Operator : AD
Sample Location:
Sample Matrix: WATER
Analysis Type: VOA

Client SDG: SDGa02609
Client Smp ID: C09945
Sample Date:
Sample Point:
Date Received:
Level: LOW

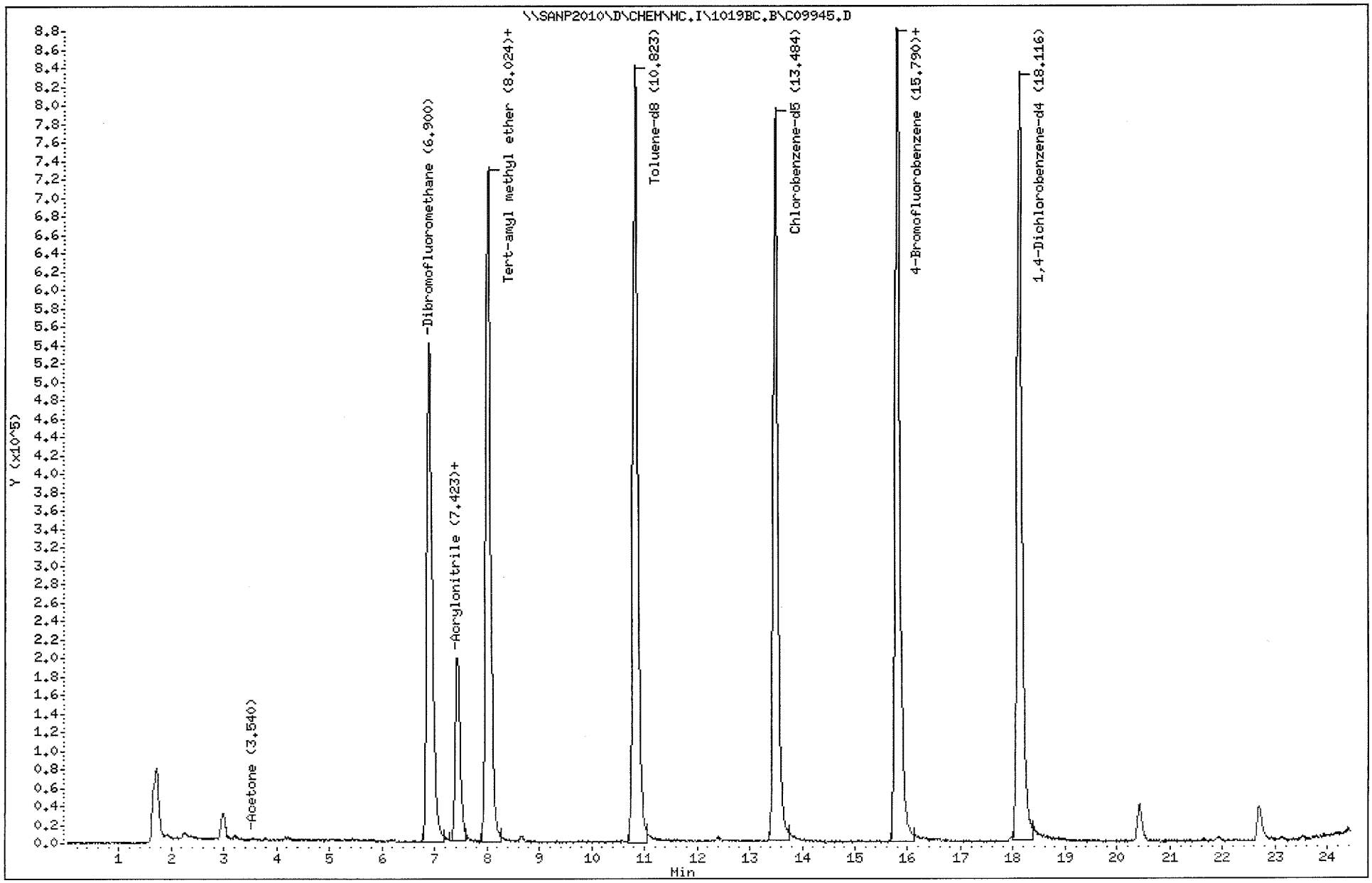
Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/KG) ug/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Data File: \\SANP2010\D\CHEM\MC.I\1019BC.B\C09945.D
Date : 19-OCT-2000 18:58
Client ID: C09945
Sample Info: DM9HC1AA,,1,,0,1,0,8260BCL.M,C09945
Purge Volume: 25.0
Column phase: J&W DB-624

Instrument: mc.i
Operator: AD
Column diameter: 0.53



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BOE-C6-0173371

Data File: \\SANP2010\D\CHEM\MC.I\1019BC.B\C09945.D

Date : 19-OCT-2000 18:58

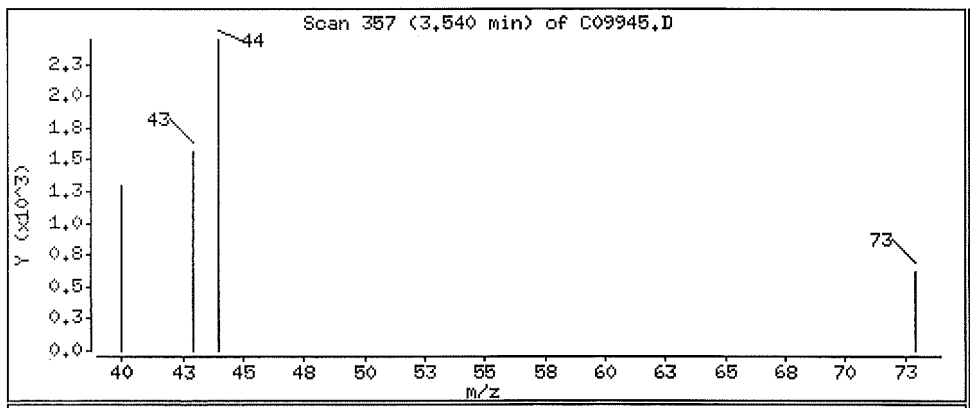
Client ID: C09945 Instrument: mc.i

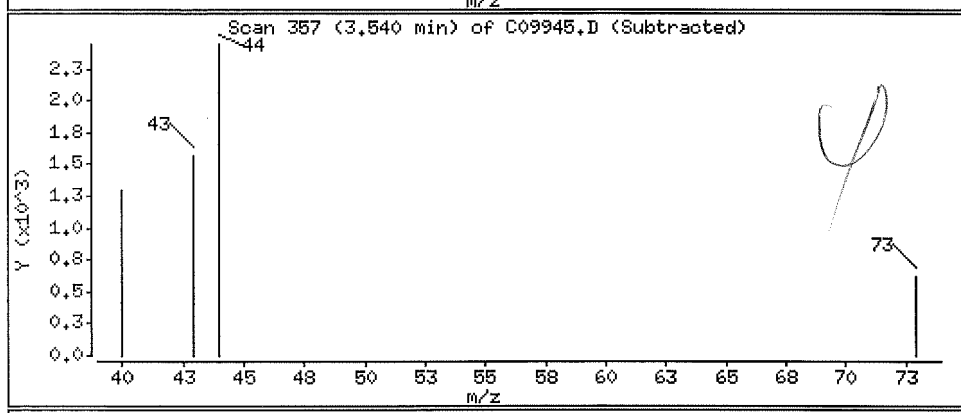
Sample Info: DM9HC1AA,,1,,0,1,0,8260BCL.M,C09945

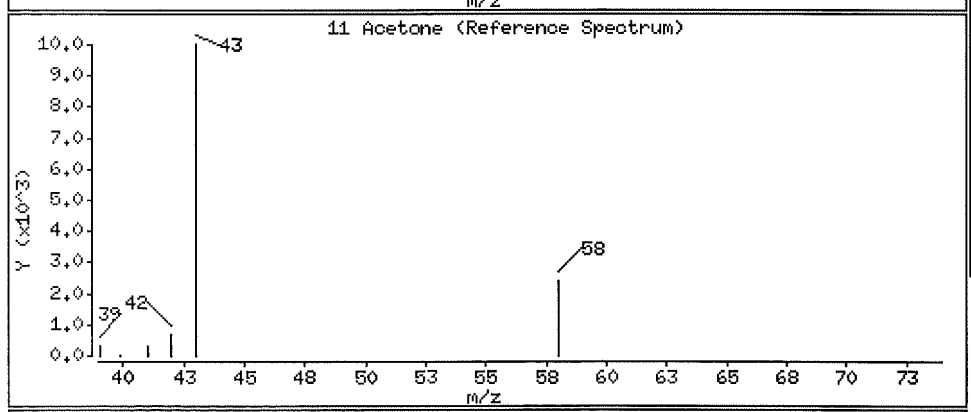
Purge Volume: 25.0 Operator: AD

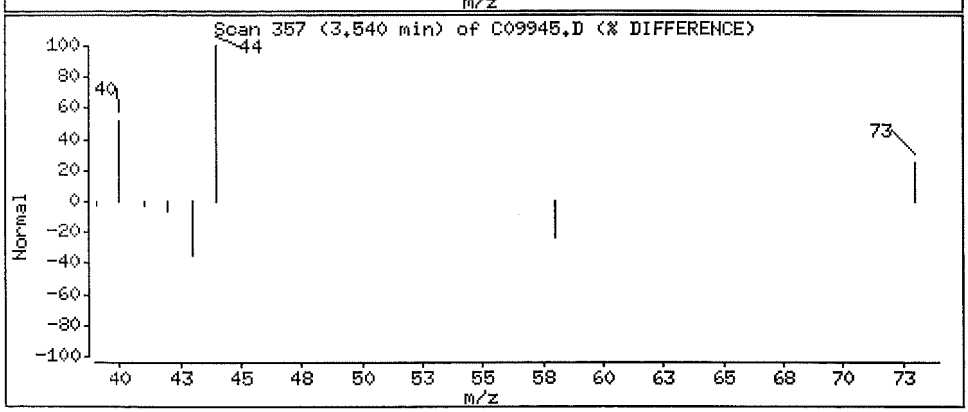
Column phase: J&W DB-624 Column diameter: 0.53

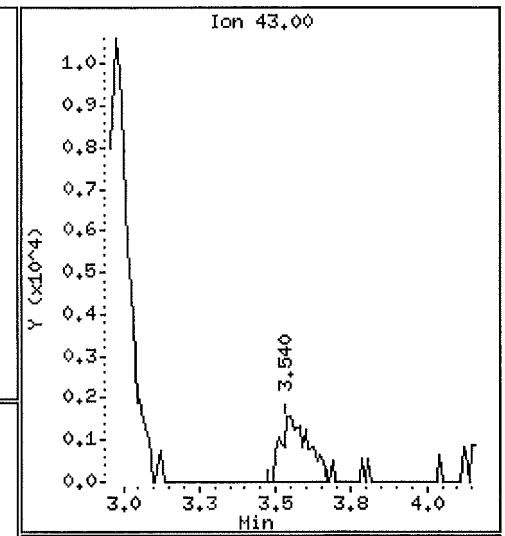
11 Acetone Concentration: 2.27 ug/L

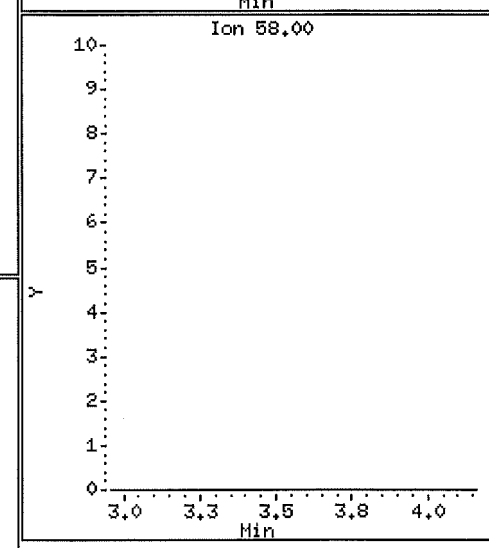












Data File: \\SANP2010\D\CHEM\MC.I\1019BC.B\C09945.D

Date : 19-OCT-2000 18:58

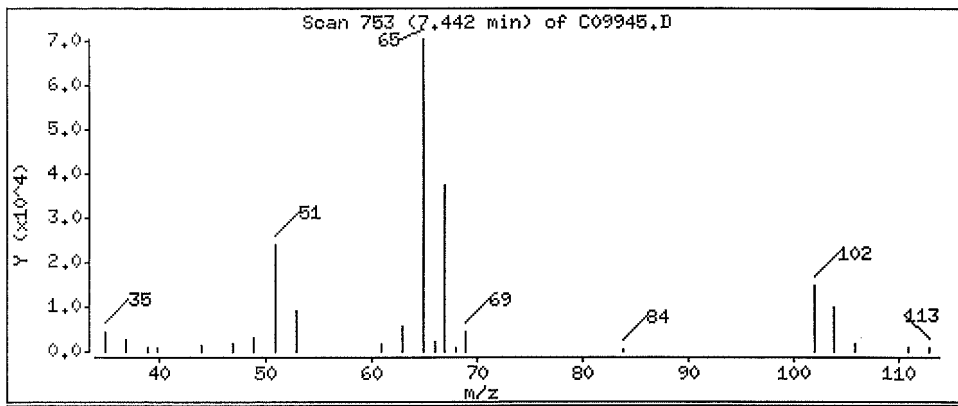
Client ID: C09945 Instrument: mc.i

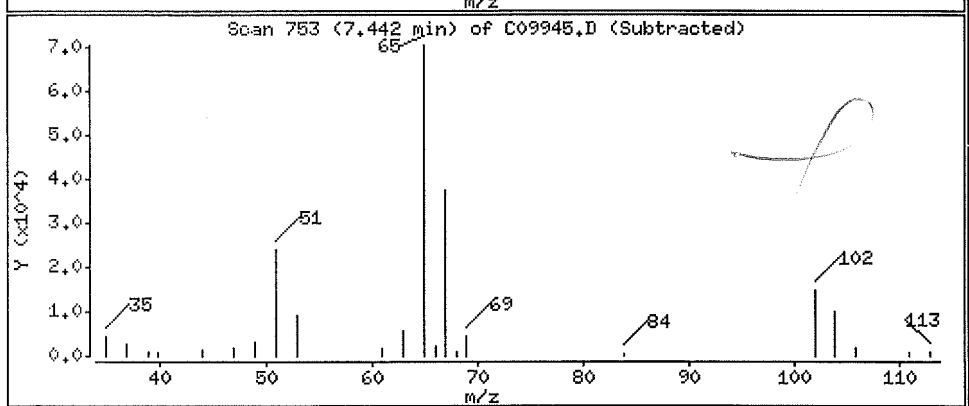
Sample Info: DM9HC1AA,,1,,0,1,0,8260BCL.M,C09945

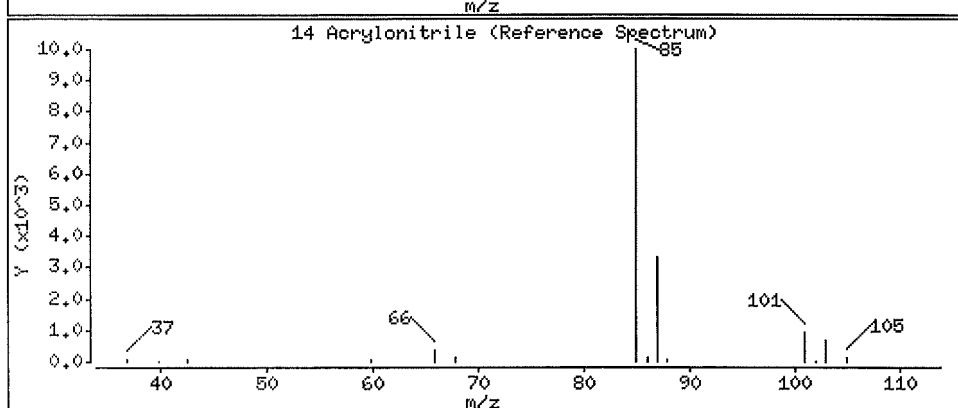
Purge Volume: 25.0 Operator: AD

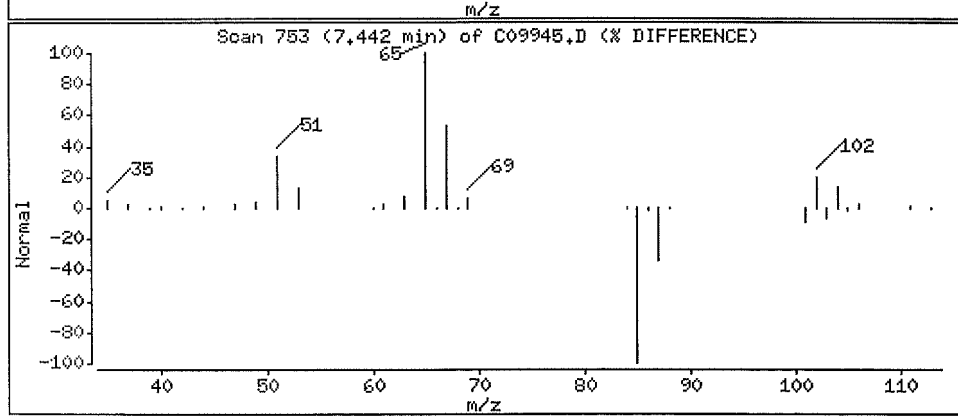
Column phase: J&W DB-624 Column diameter: 0.53

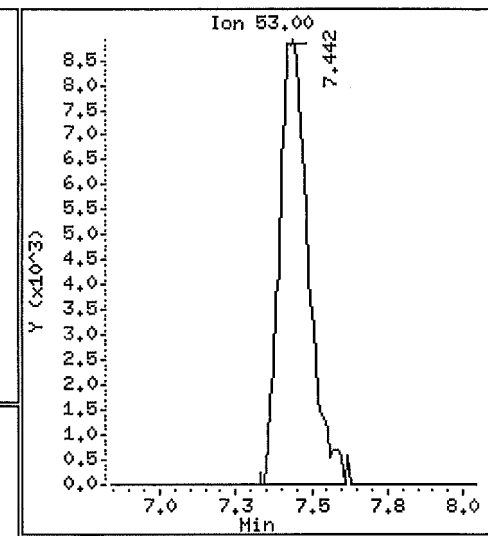
14 Acrylonitrile Concentration: 99.68 ug/L

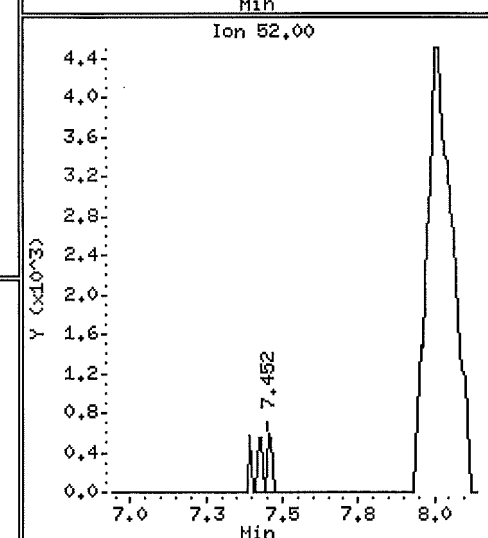


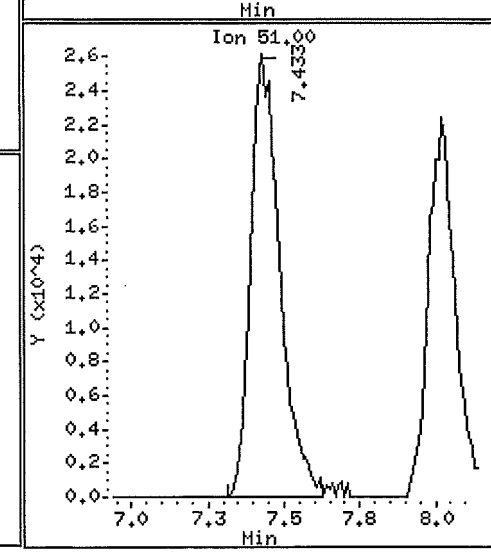












Data File: \\SANP2010\D\CHEM\MC.I\1019BC.B\C09945.D

Date : 19-OCT-2000 18:58

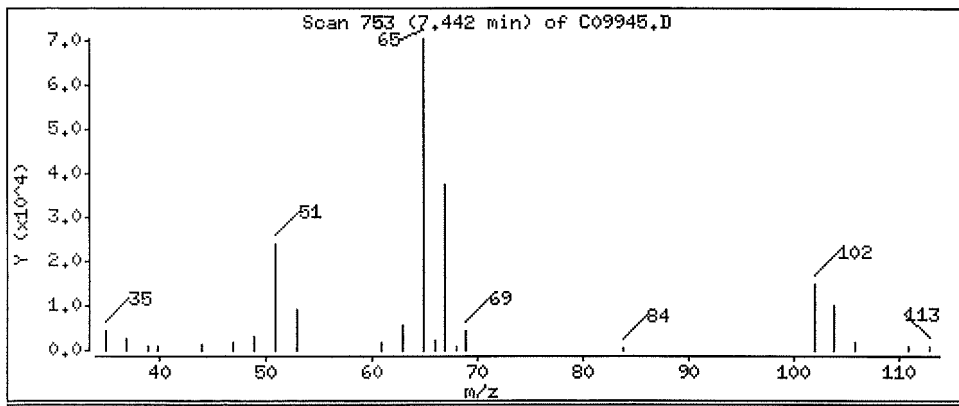
Client ID: C09945 Instrument: mc.i

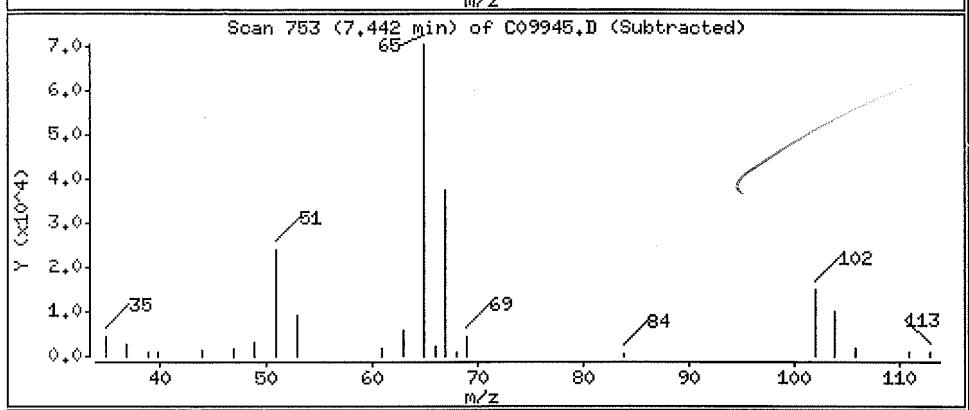
Sample Info: DM9HC1AA,,1,,0,1,0,8260BCL.M,C09945

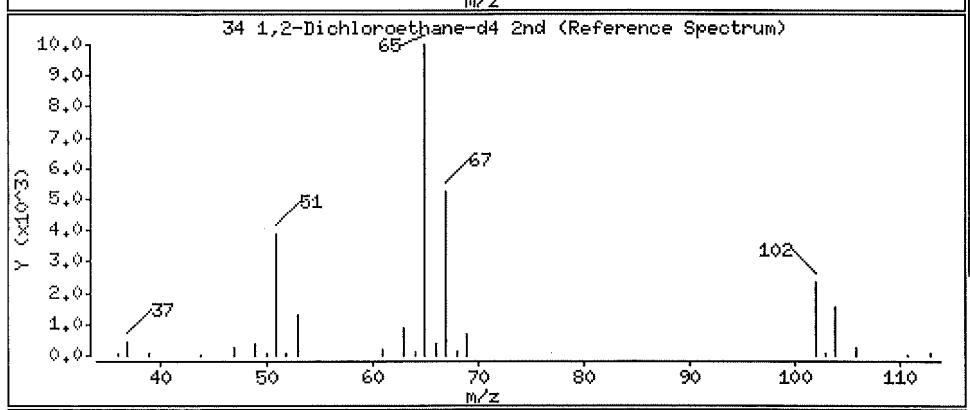
Purge Volume: 25.0 Operator: AD

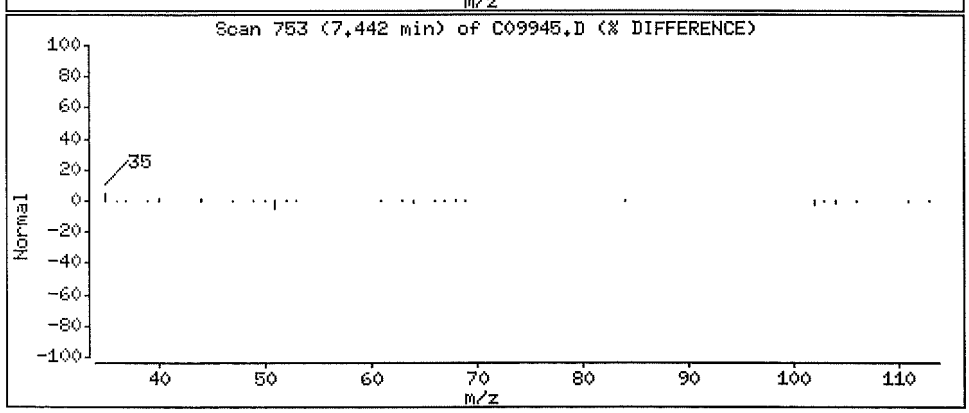
Column phase: J&W DB-624 Column diameter: 0.53

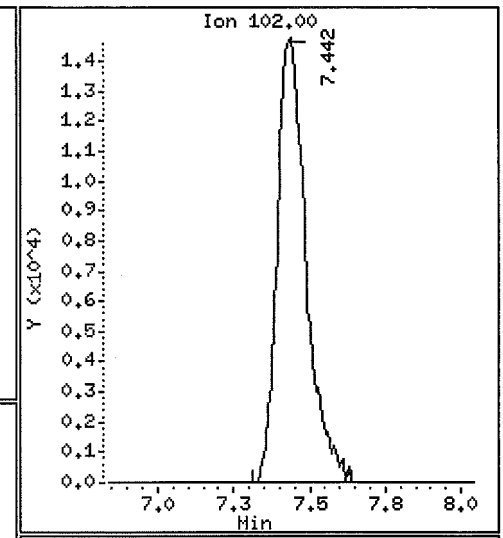
34 1,2-Dichloroethane-d4 2nd Concentration: 10.83 ug/L

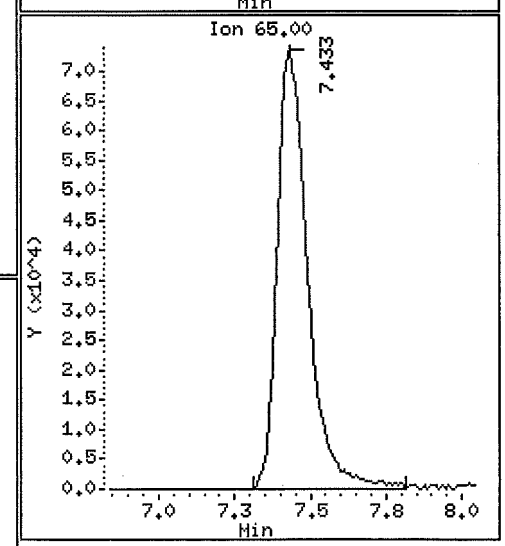












Data File: \\SANP2010\D\CHEM\MC.I\1019BC.B\C09945.D

Date : 19-OCT-2000 18:58

Client ID: C09945

Instrument: mc.i

Sample Info: DM9HC1AA,,1,,0,1,0,8260BCL.M,C09945

Purge Volume: 25.0

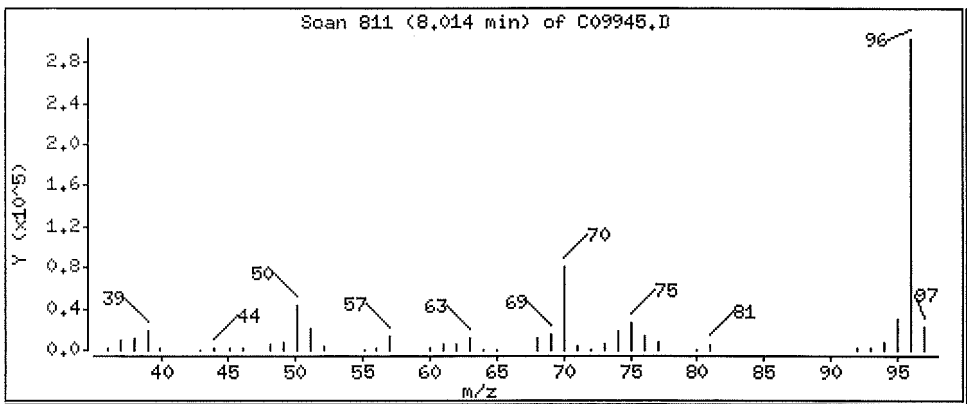
Operator: AD

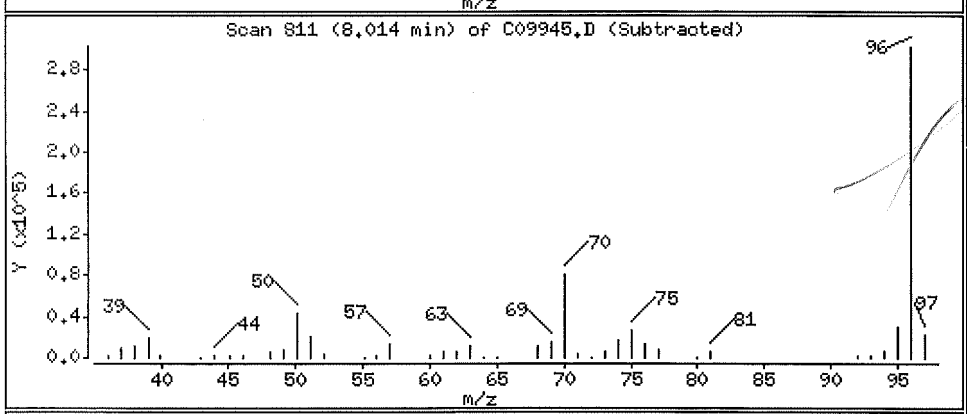
Column phase: J&W DB-624

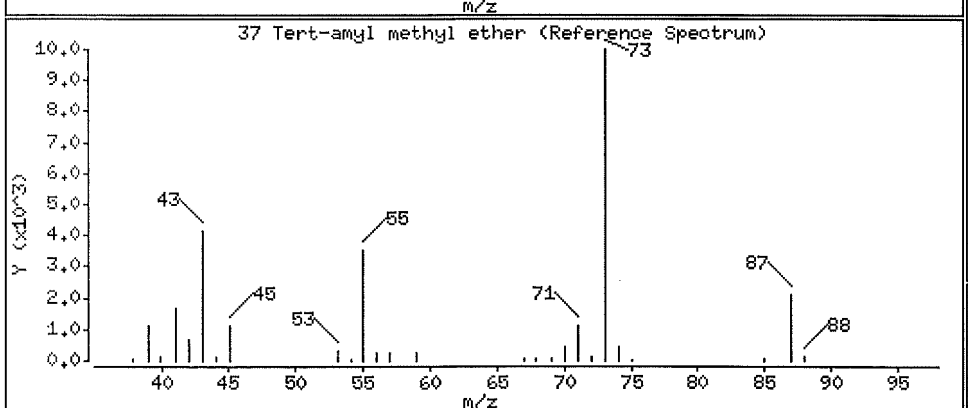
Column diameter: 0.53

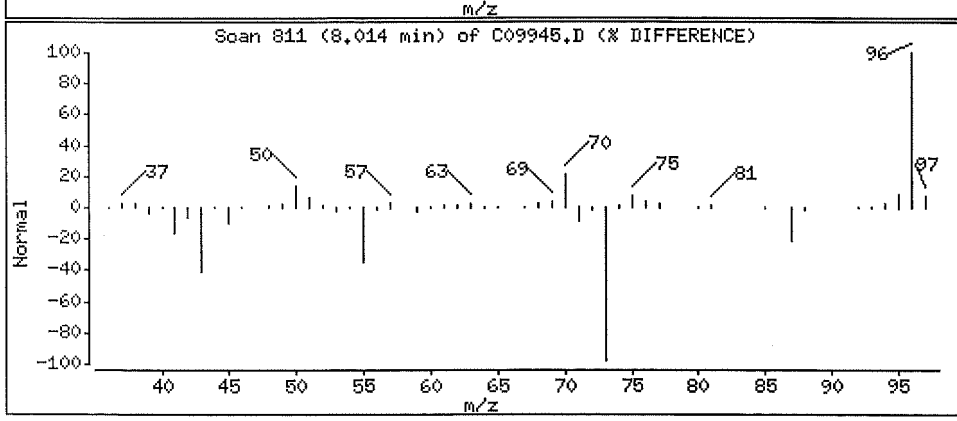
37 Tert-amyl methyl ether

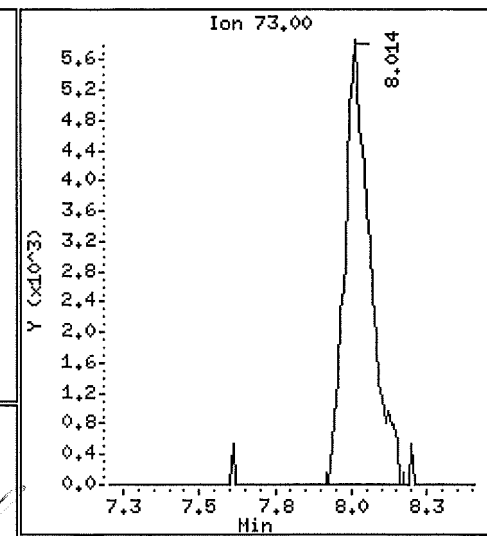
Concentration: 0.411 ug/L

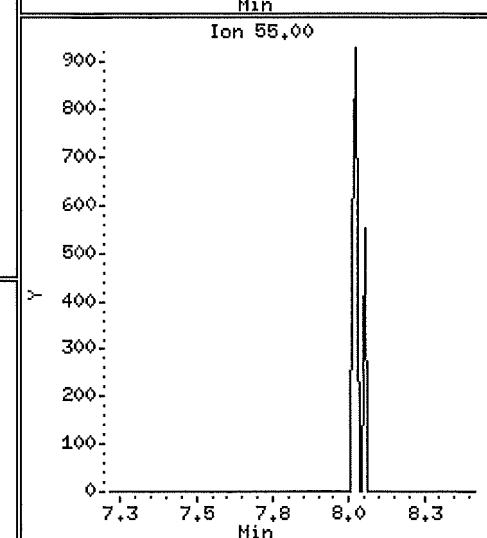


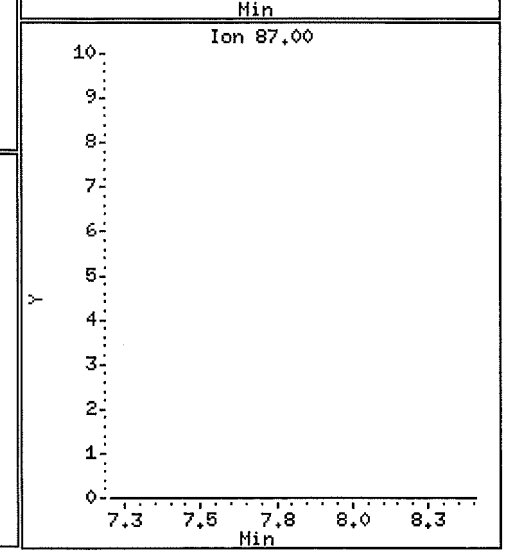












Data File: \\SANP2010\D\CHEM\MC.I\1019BC.B\C09945.D

Date : 19-OCT-2000 18:58

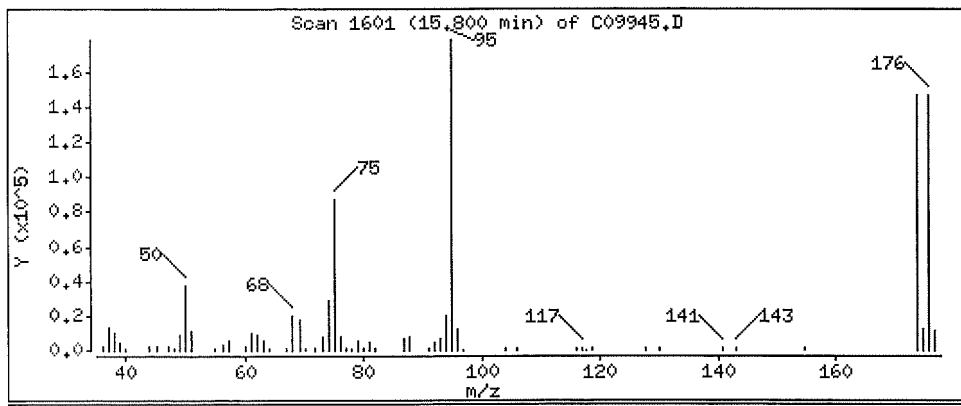
Client ID: C09945 Instrument: mc.i

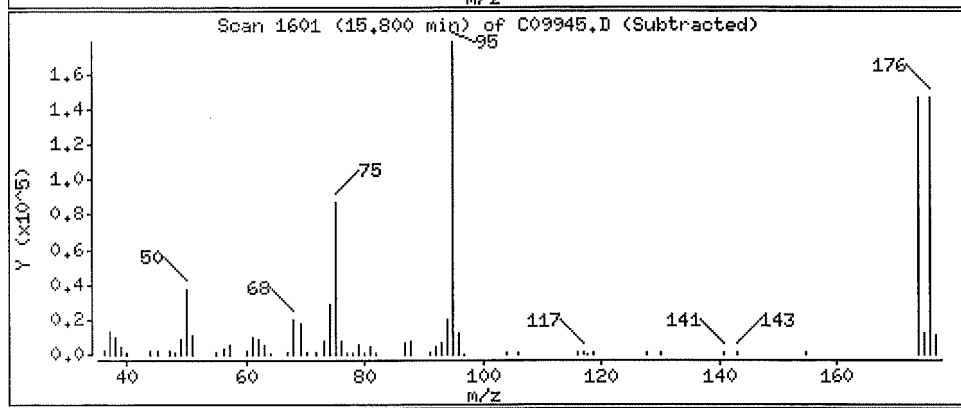
Sample Info: DM9HC1AA,,1,,0,1,0,8260BCL.M,C09945

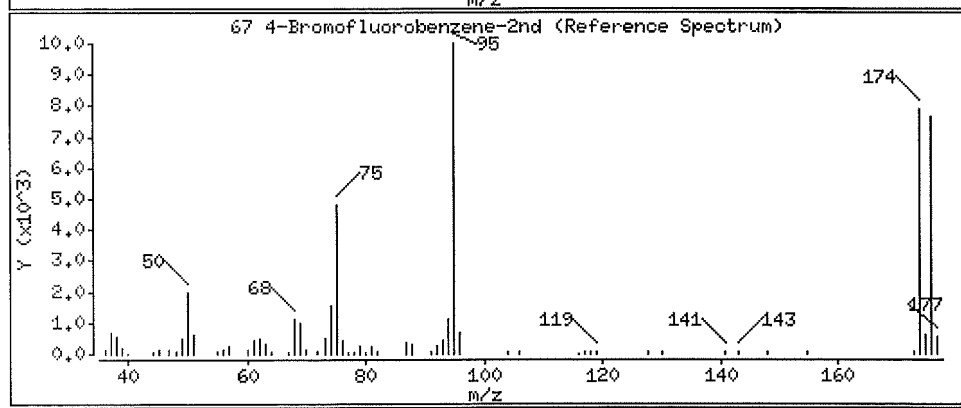
Purge Volume: 25.0 Operator: AD

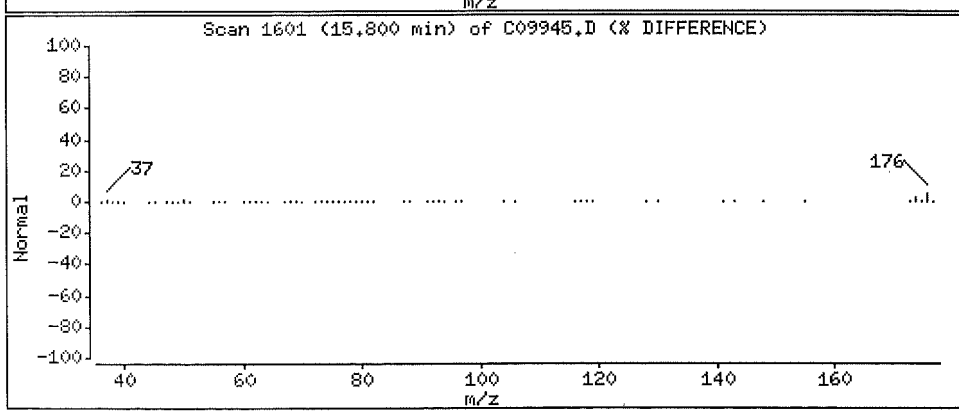
Column phase: J&W DB-624 Column diameter: 0.53

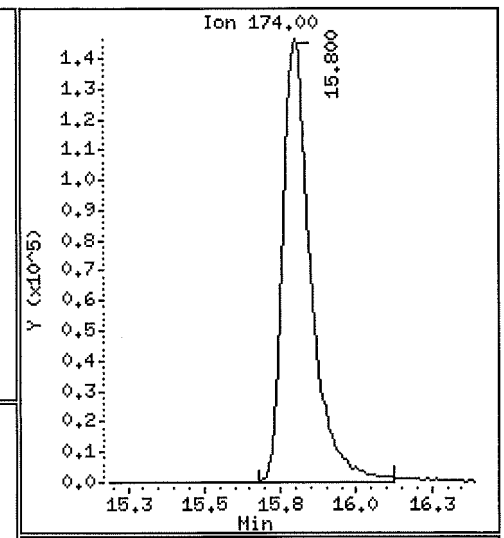
67 4-Bromofluorobenzene-2nd Concentration: 10.27 ug/L

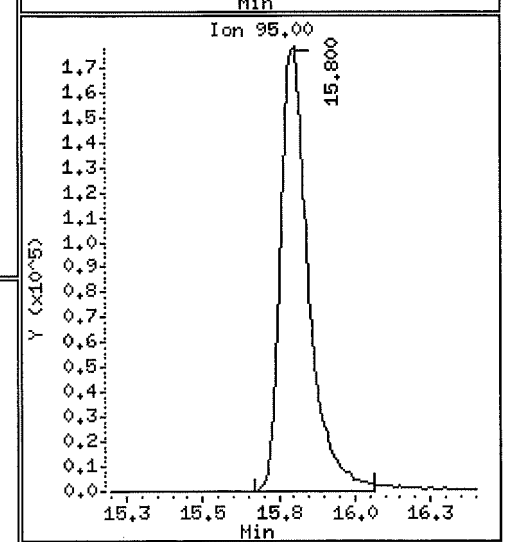


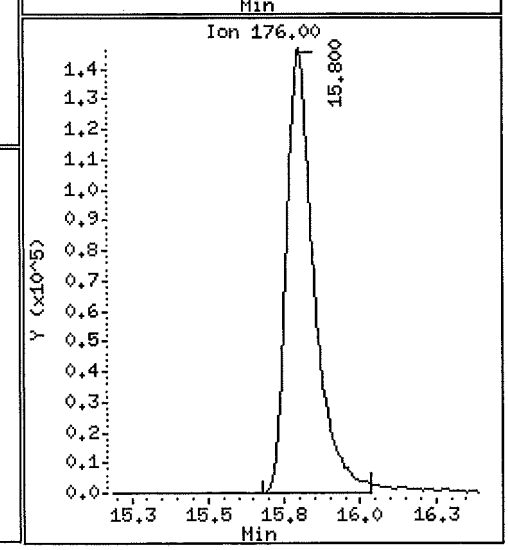












STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2010\D\CHEM\MC.I\1019BC.B\C09946.D
Lab Smp Id: DM9HW1AA Client Smp ID: C09946
Inj Date : 19-OCT-2000 19:27
Operator : AD Inst ID: mc.i
Smp Info : DM9HW1AA,,1,,0,1,0,8260BCL.M,C09946
Misc Info : ,25,,,0,1-8260B.SUB
Comment :
Method : \\SANP2010\D\CHEM\MC.I\1019BC.B\8260BCL.m
Meth Date : 19-Oct-2000 17:36 donga Quant Type: ISTD
Cal Date : 13-OCT-2000 19:30 Cal File: CS2049.D
Als bottle: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 1-8260B.SUB
Target Version: 4.00
Processing Host: SANP2010

Concentration Formula: Amt * DF * Uf * Vod/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Fctor
Vod	25.000	Default Sample Volume
Vo	25.000	Sample Volume

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
14 Acrylonitrile	53	7.432	7.443	(0.926)	56182	95.7002	95.70(Q)
$ 29 Dibromofluoromethane	111	6.890	6.901	(0.859)	1125878	10.4040	10.40
$ 33 1,2-Dichloroethane-d4	65	7.422	7.443	(0.925)	490524	9.69053	9.69
34 1,2-Dichloroethane-d4 2nd	102	7.432	7.443	(0.926)	95330	10.6814	10.68
37 Tert-amyl methyl ether	73	8.024	7.808	(1.000)	33366	0.40817	0.408(a)
* 38 Fluorobenzene	96	8.024	8.025	(1.000)	2027096	10.0000	
$ 47 Toluene-d8	98	10.823	10.824	(0.803)	1728600	10.5590	10.56
* 56 Chlorobenzene-d5	117	13.484	13.485	(1.000)	1507302	10.0000	
$ 66 4-Bromofluorobenzene	95	15.790	15.801	(1.171)	1131292	10.3840	10.38
67 4-Bromofluorobenzene-2nd	174	15.800	15.791	(1.172)	916240	9.93168	9.93
* 79 1,4-Dichlorobenzene-d4	152	18.116	18.117	(1.000)	880874	10.0000	(Q)

STL Los Angeles

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: mc.i
Lab File ID: C09946.D
Lab Smp Id: DM9HW1AA
Analysis Type: VOA
Quant Type: ISTD
Operator: AD
Method File: \\SANP2010\D\CHEM\MC.I\1019BC.B\8260BCL.m
Misc Info: ,25,,,0,1-8260B.SUB

Calibration Date: 19-OCT-2000
Calibration Time: 16:49
Client Smp ID: C09946
Level: LOW
Sample Type: WATER

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	2403303	1201652	4806606	2027096	-15.65
56 Chlorobenzene-d5	1642275	821138	3284550	1507302	-8.22
79 1,4-Dichlorobenze	952925	476463	1905850	880874	-7.56

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	8.02	7.52	8.52	8.02	-0.01
56 Chlorobenzene-d5	13.48	12.98	13.98	13.48	-0.01
79 1,4-Dichlorobenze	18.12	17.62	18.62	18.12	-0.01

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2010\D\chem\mc.i\1019BC.B\C09946.D
Lab Smp Id: DM9HW1AA Client Smp ID: C09946
Inj Date : 19-OCT-2000 19:27
Operator : AD Inst ID: mc.i
Smp Info : DM9HW1AA,,1,,0,1,0,8260BCL.M,C09946
Misc Info : ,25,,,0,1-8260B.SUB
Comment :
Method : \\SANP2010\D\CHEM\MC.I\1019BC.B\8260BCL.m
Meth Date : 24-Oct-2000 17:35 donga Quant Type: ISTD
Cal Date : 13-OCT-2000 19:30 Cal File: CS2049.D
Als bottle: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 1-8260B.SUB
Target Version: 4.00
Processing Host: SANP2010

- NO TENTATIVELY IDENTIFIED COMPOUNDS -

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: DM9HW1AA
Operator : AD
Sample Location:
Sample Matrix: WATER
Analysis Type: VOA

Client SDG: SDGa02609
Client Smp ID: C09946
Sample Date:
Sample Point:
Date Received:
Level: LOW

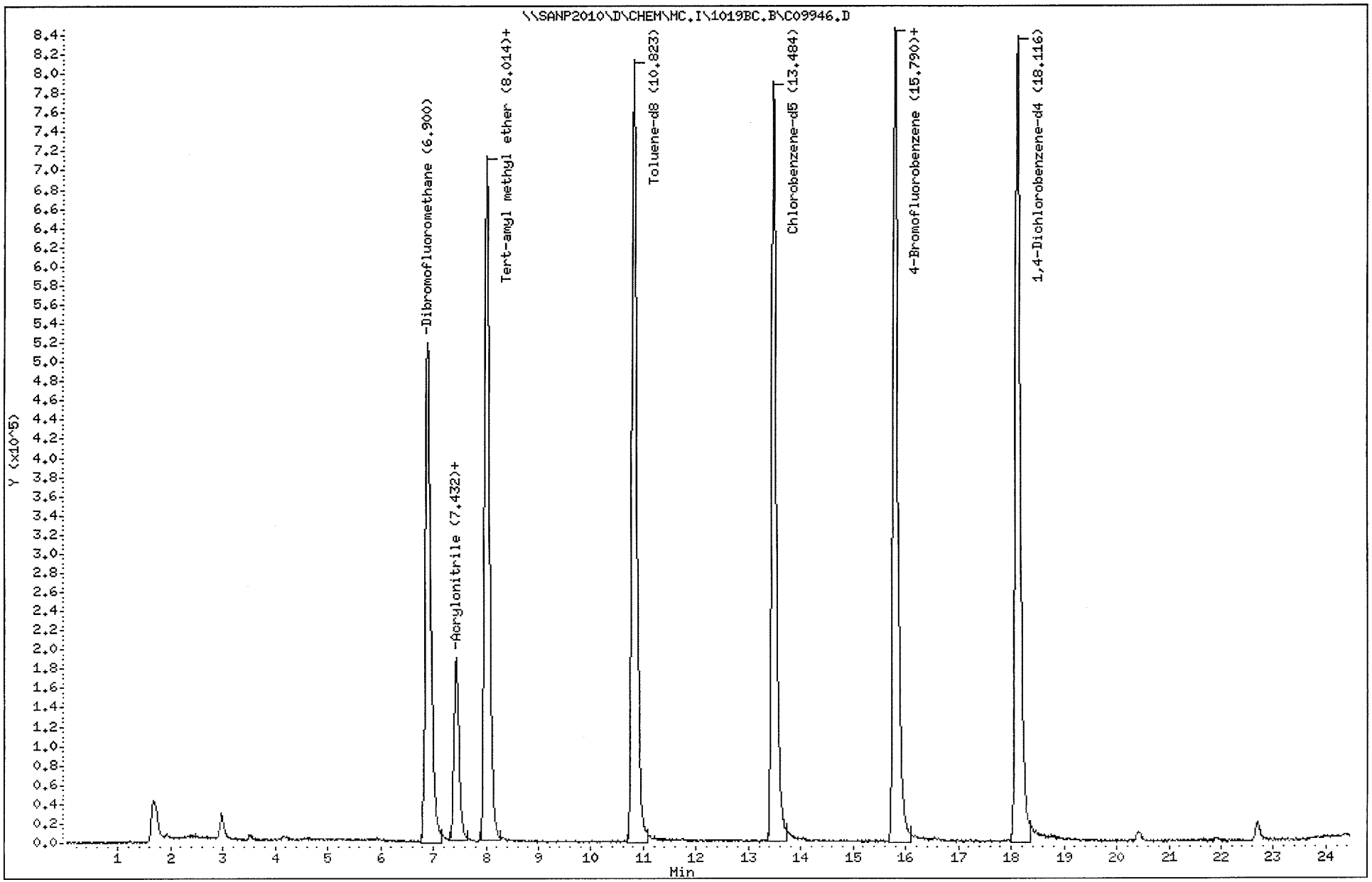
Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/KG) ug/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Data File: \\SANP2010\D\CHEM\MC.I\1019BC.B\C09946.D
Date : 19-OCT-2000 19:27
Client ID: C09946
Sample Info: DM9HW1AA,,1,,0,1,0,8260BCL.M,C09946
Purge Volume: 25.0
Column phase: J&W DB-624

Instrument: mc.i
Operator: AD
Column diameter: 0.53



000374

BOE-C6-0173382

Data File: \\SANP2010\D\CHEM\MC.I\1019BC.B\C09946.D

Date : 19-OCT-2000 19:27

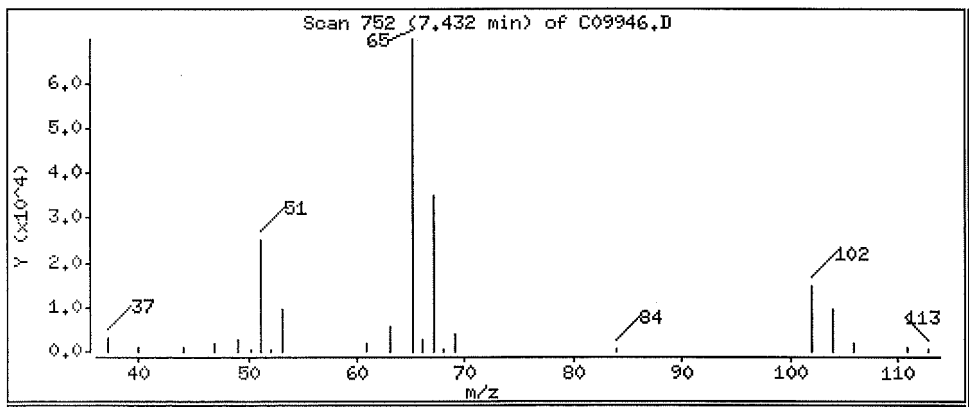
Client ID: C09946 | Instrument: mc.i

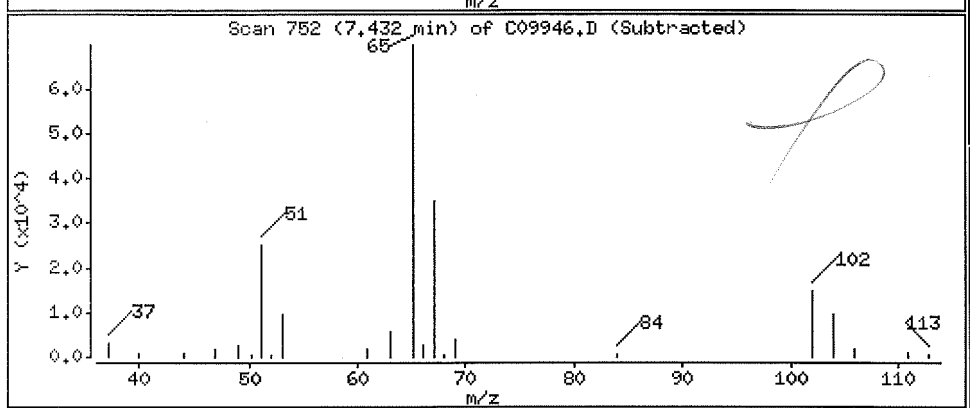
Sample Info: DM9HW1AA,,1,,0,1,0,8260BCL,M,C09946

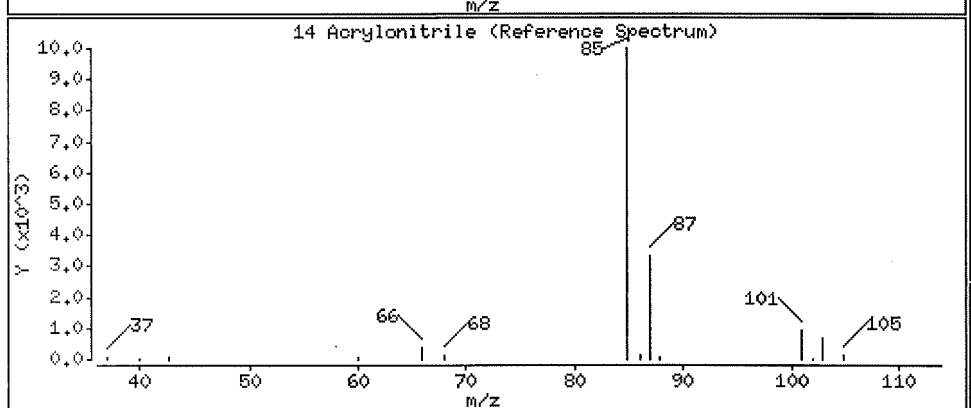
Purge Volume: 25.0 | Operator: AD

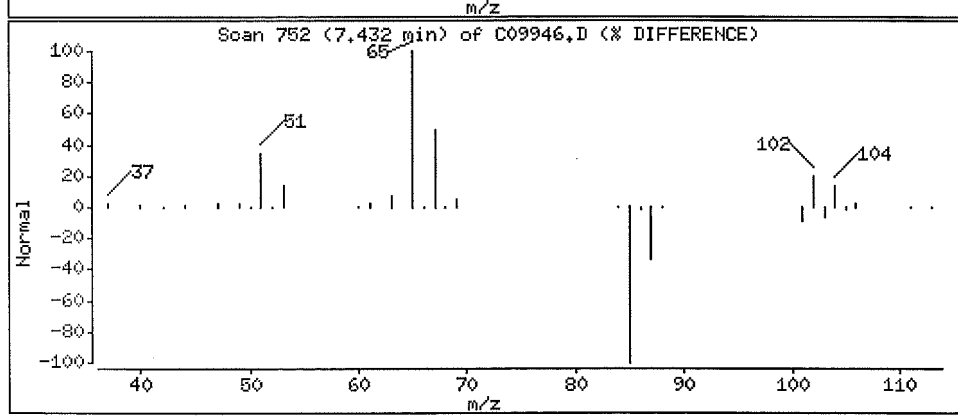
Column phase: J&W DB-624 | Column diameter: 0.53

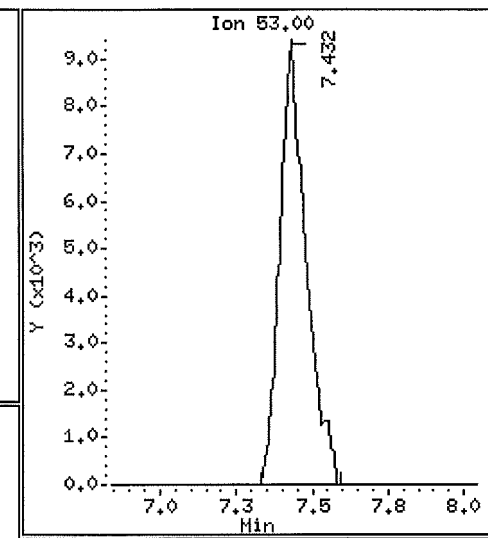
14 Acrylonitrile | Concentration: 95.70 ug/L

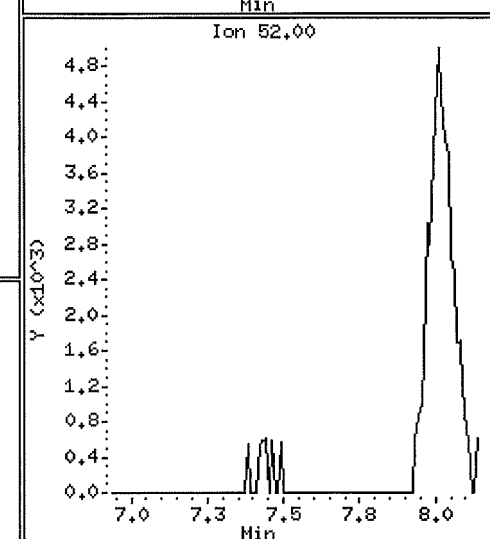


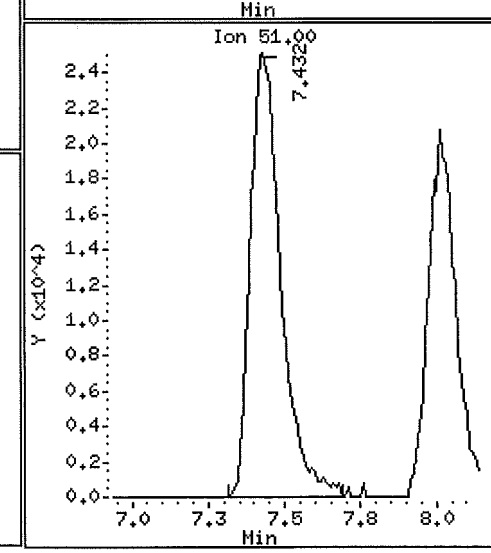












Data File: \\SANP2010\D\CHEM\MC.I\1019BC.B\C09946.D

Date : 19-OCT-2000 19:27

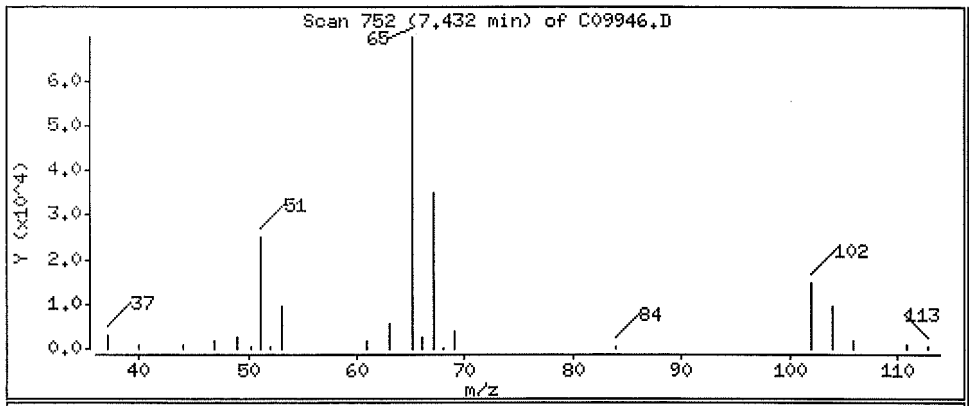
Client ID: C09946 Instrument: mc.i

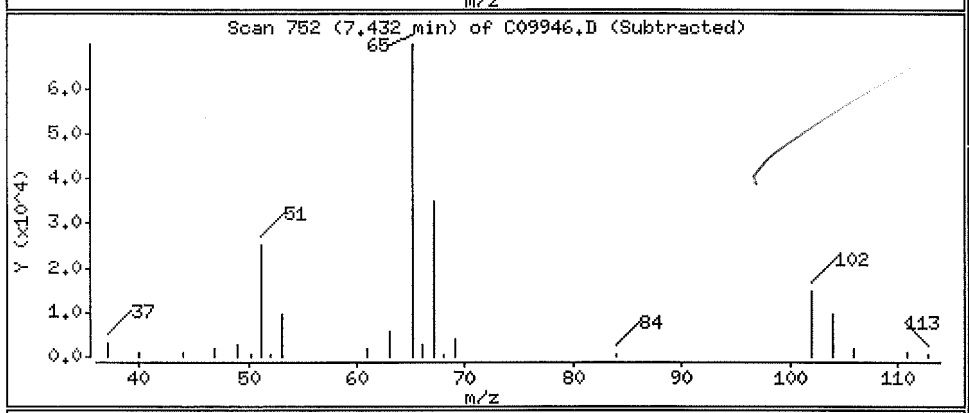
Sample Info: DM9HW1AA,,1,,0,1,0,8260BCL.M,C09946

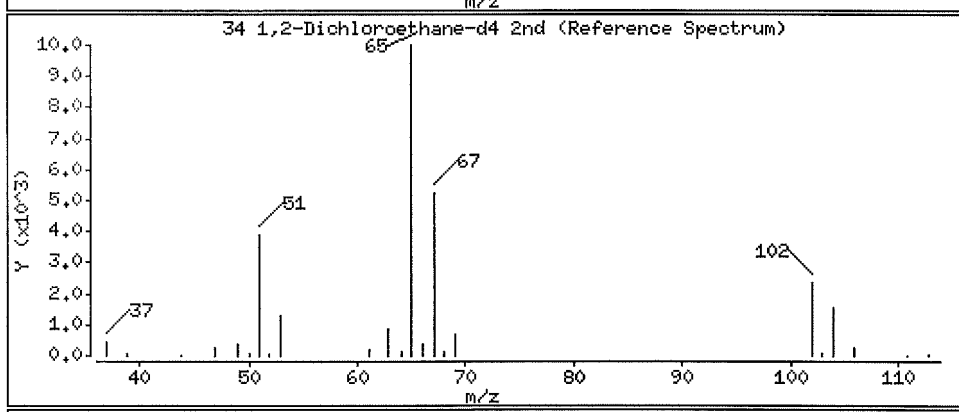
Purge Volume: 25.0 Operator: AD

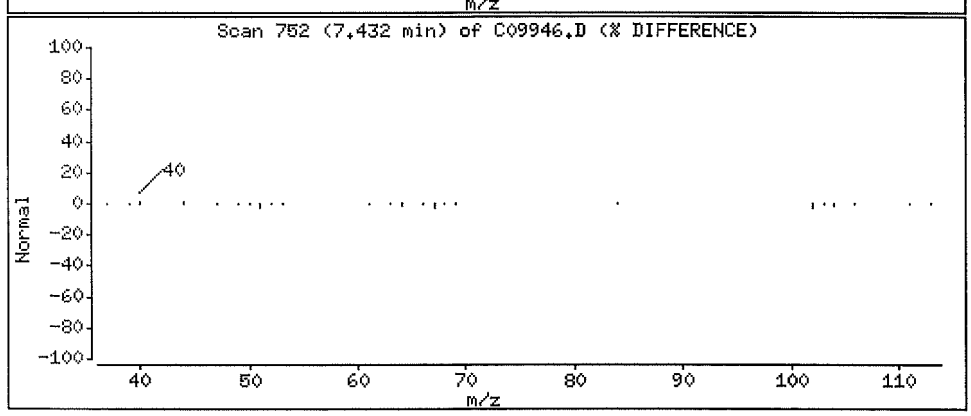
Column phase: J&W DB-624 Column diameter: 0.53

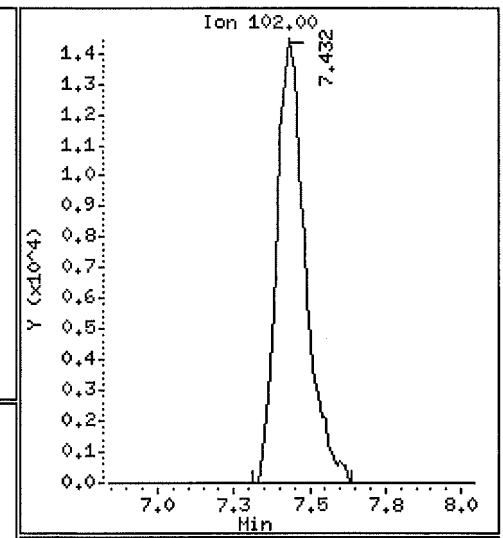
34 1,2-Dichloroethane-d4 2nd Concentration: 10.68 ug/L

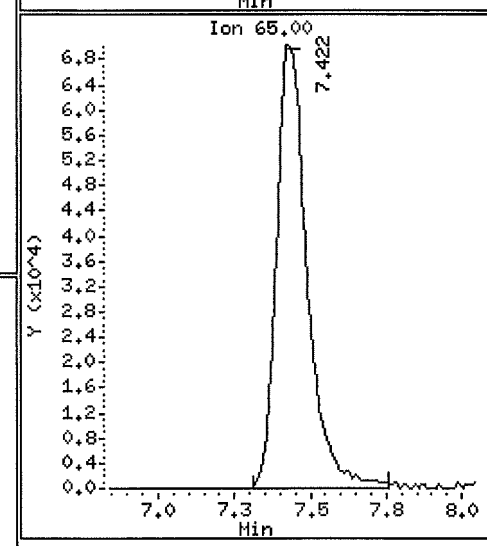












Data File: \\SANP2010\D\CHEM\MC.I\1019BC.B\C09946.D

Date : 19-OCT-2000 19:27

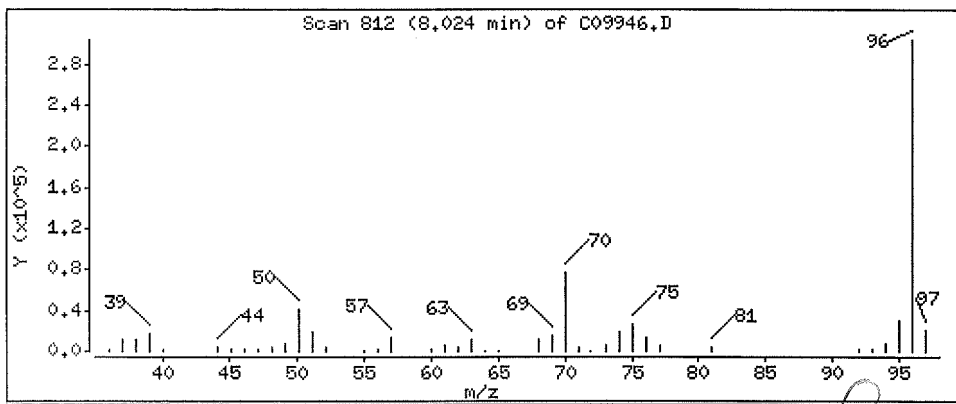
Client ID: C09946 Instrument: mc.i

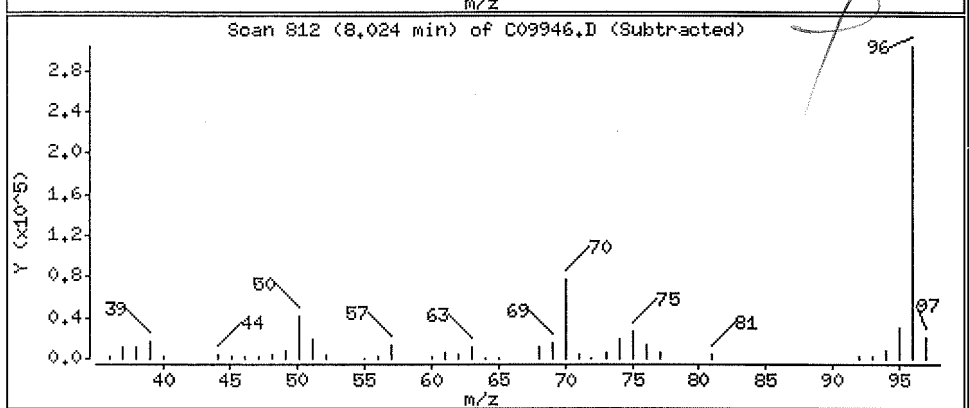
Sample Info: DM9HW1AA,,1,,0,1,0,8260BCL.M,C09946

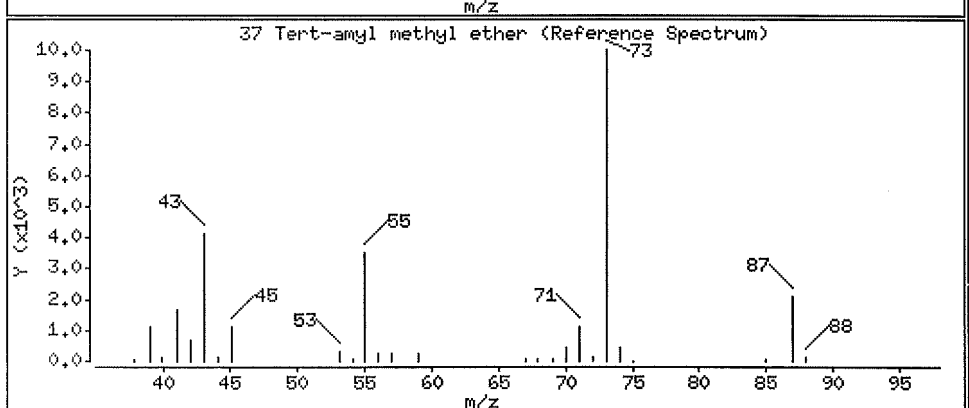
Purge Volume: 25.0 Operator: AD

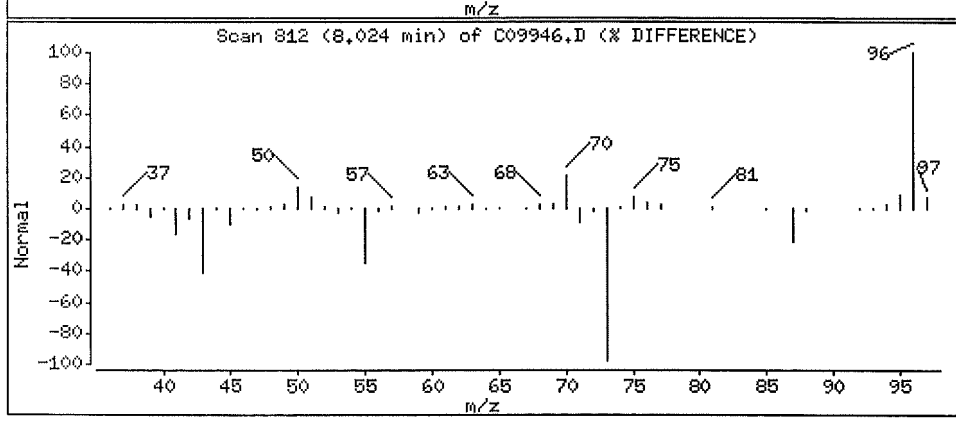
Column phase: J&W DB-624 Column diameter: 0.53

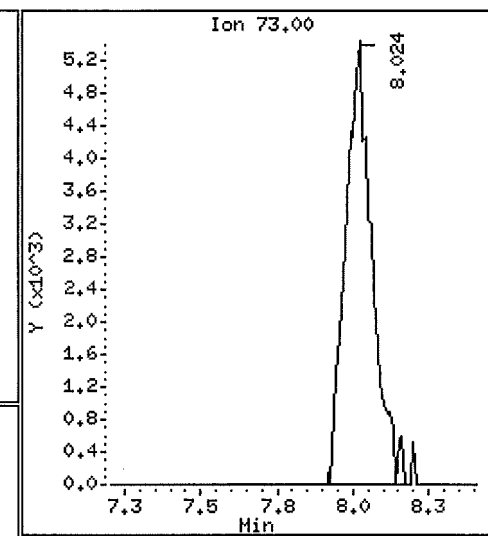
37 Tert-amyl methyl ether Concentration: 0.408 ug/L

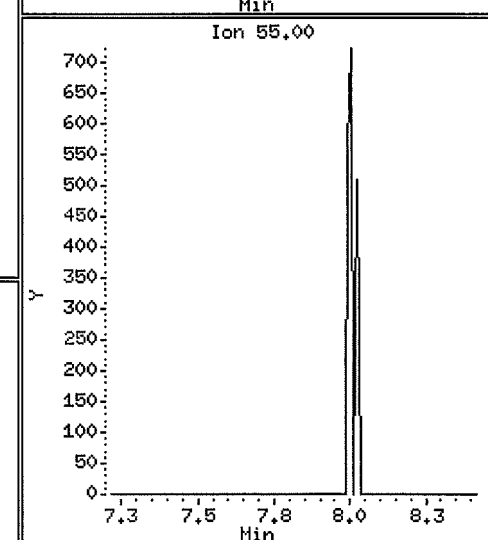


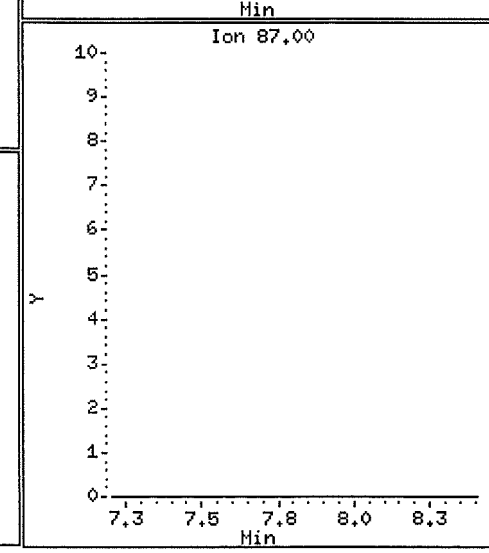












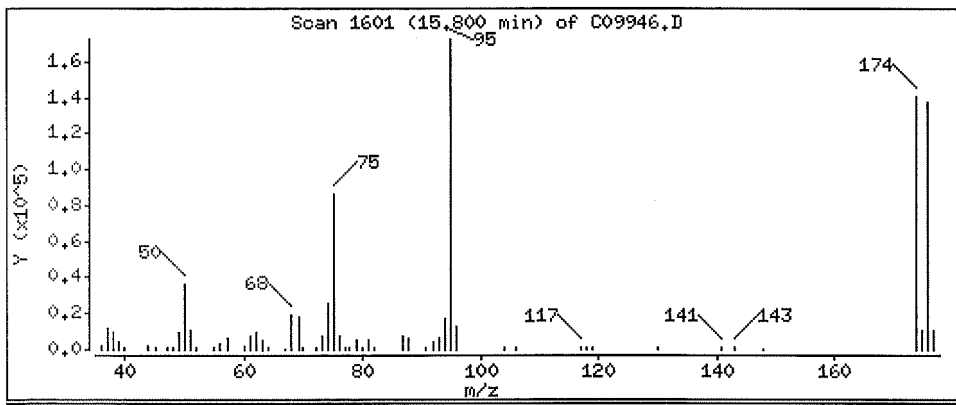
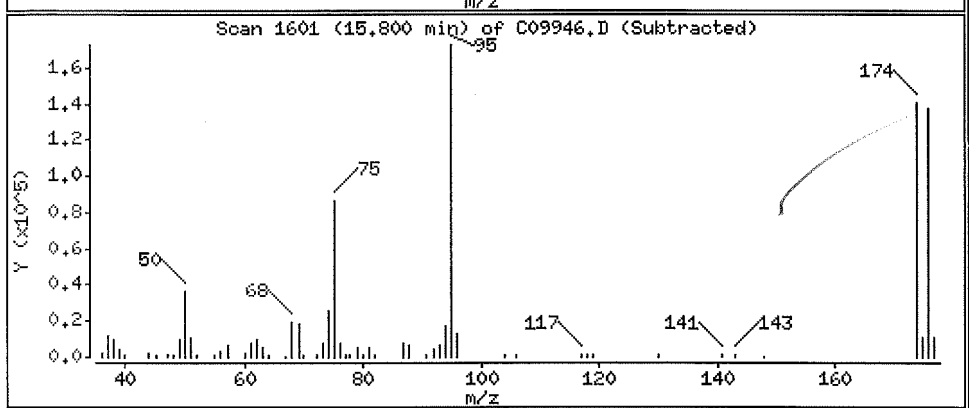
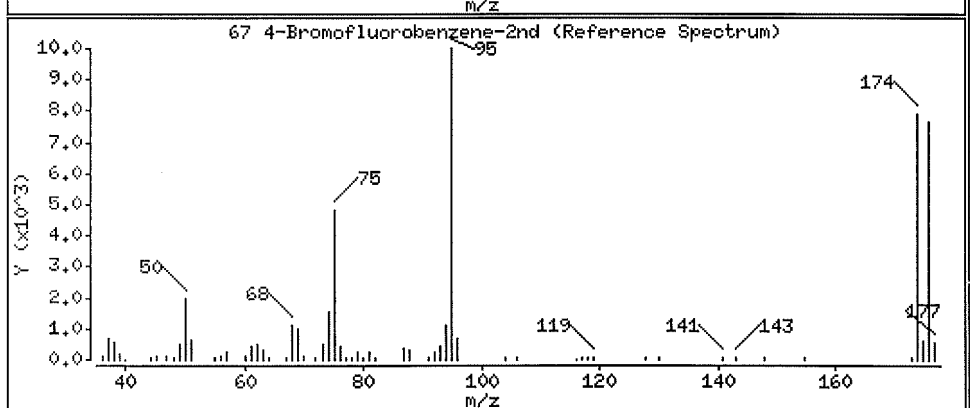
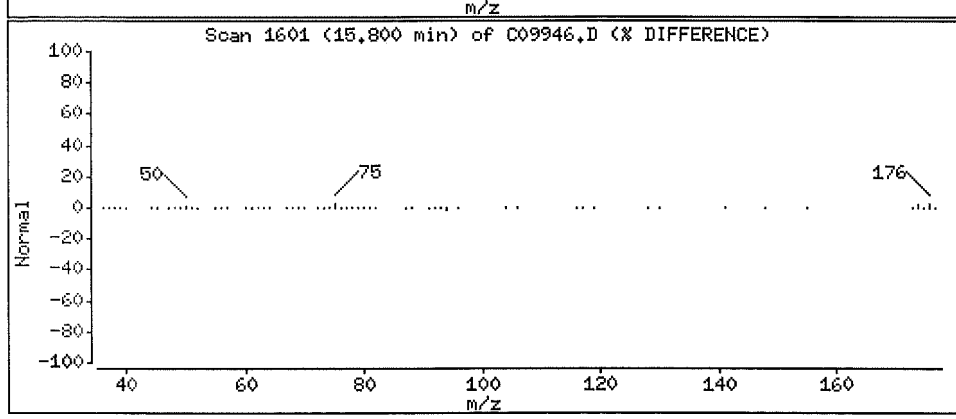
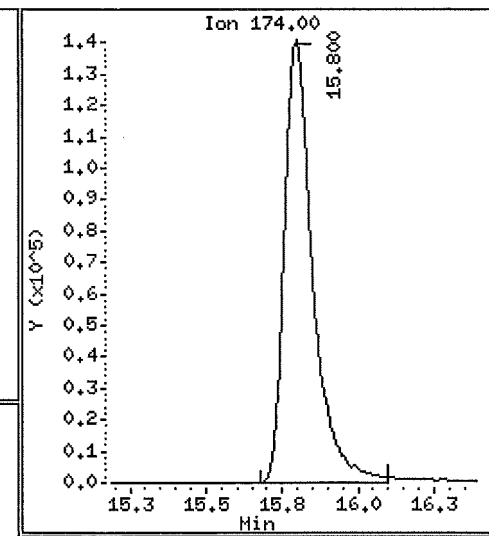
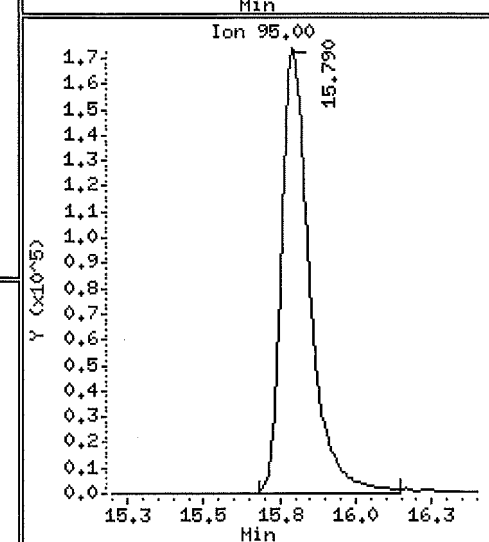
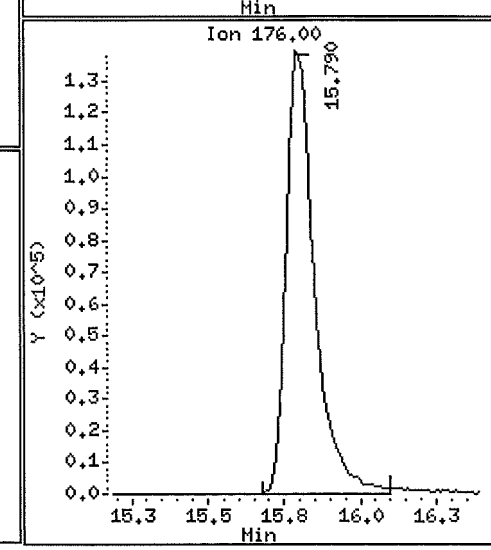
Data File: \\SANP2010\D\CHEM\MC.I\1019BC.B\C09946.D

Date : 19-OCT-2000 19:27

Client ID: C09946 Instrument: mc.i

Sample Info: DM9HW1AA,,1,,0,1,0,8260BCL,M,C09946

Purge Volume: 25.0 Operator: AD

Column phase: J&W DB-624 Column diameter: 0.53

67 4-Bromofluorobenzene-2nd Concentration: 9.93 ug/L