Analytical Data Summary

(SDG I7L050202 – Validated)

991250

GULFCO GROUND WATER SPLIT DATA - 3 DECEMBER 2007
(LAB SDG I7L05202)

Client Sample ID	Lab Lot ID	Lab Sample No.	Matrix	Collected	Analyte	CAS No.	Result	Flag	Reporting Limit	MDL	Units	Method	Dilution	Received	Prepped	Analyzed	Spiked	QCLot	QCRun
NE3 MW-30B	I7L050202	1	WATER	12/3/2007	4,4'-DDD	72548	ND		0.05	0.0077	µg/L	8081A	1	12/5/2007	12/7/2007	12/14/2007		7341470	7341470
NE3 MW-30B	I7L050202	1	WATER	12/3/2007	4,4'-DDE	72559	ND		0.05	0.0075	µg/L	8081A	1	12/5/2007	12/7/2007	12/14/2007		7341470	7341470
NE3 MW-30B	I7L050202	1	WATER	12/3/2007	4,4'-DDT	50293	ND		0.05	0.015	µg/L	8081A	1	12/5/2007	12/7/2007	12/14/2007		7341470	7341470
NE3 MW-30B	I7L050202	1	WATER	12/3/2007	Aldrin	309002	ND		0.05	0.0059	µg/L	8081A	1	12/5/2007	12/7/2007	12/14/2007		7341470	7341470
NE3 MW-30B	I7L050202	1	WATER	12/3/2007	alpha-BHC	319846	ND		0.05	0.0053	µg/L	8081A	1	12/5/2007	12/7/2007	12/14/2007		7341470	7341470
NE3 MW-30B	I7L050202	1	WATER	12/3/2007	alpha-Chlordane	5103719	ND		0.05	0.0053	µg/L	8081A	1	12/5/2007	12/7/2007	12/14/2007		7341470	7341470
NE3 MW-30B	I7L050202	1	WATER	12/3/2007	beta-BHC	319857	ND		0.05	0.0087	µg/L	8081A	1	12/5/2007	12/7/2007	12/14/2007		7341470	7341470
NE3 MW-30B	I7L050202	1	WATER	12/3/2007	delta-BHC	319868	0.38		0.05	0.0058	µg/L	8081A	1	12/5/2007	12/7/2007	12/14/2007		7341470	7341470
NE3 MW-30B	I7L050202	1	WATER	12/3/2007	Dieldrin	60571	ND		0.05	0.0063	µg/L	8081A	1	12/5/2007	12/7/2007	12/14/2007		7341470	7341470
NE3 MW-30B	I7L050202	1	WATER	12/3/2007	Endosulfan I	959988	ND		0.05	0.0058	µg/L	8081A	1	12/5/2007	12/7/2007	12/14/2007		7341470	7341470
NE3 MW-30B	I7L050202	1	WATER	12/3/2007	Endosulfan II	33213659	ND		0.05	0.007	µg/L	8081A	1	12/5/2007	12/7/2007	12/14/2007		7341470	7341470
NE3 MW-30B	I7L050202	1	WATER	12/3/2007	Endosulfan sulfate	1031078	ND		0.05	0.0057	µg/L	8081A	1	12/5/2007	12/7/2007	12/14/2007		7341470	7341470
NE3 MW-30B	I7L050202	1	WATER	12/3/2007	Endrin	72208	ND		0.05	0.0079	µg/L	8081A	1	12/5/2007	12/7/2007	12/14/2007		7341470	7341470
NE3 MW-30B	I7L050202	1	WATER	12/3/2007	Endrin aldehyde	7421934	ND		0.05	0.0088	µg/L	8081A	1	12/5/2007	12/7/2007	12/14/2007		7341470	7341470
NE3 MW-30B	I7L050202	1	WATER	12/3/2007	Endrin ketone	53494705	ND		0.05	0.007	µg/L	8081A	1	12/5/2007	12/7/2007	12/14/2007		7341470	7341470
NE3 MW-30B	I7L050202	1	WATER	12/3/2007	gamma-BHC (Lindane)	58899	ND		0.05	0.0069	µg/L	8081A	1	12/5/2007	12/7/2007	12/14/2007		7341470	7341470
NE3 MW-30B	I7L050202	1	WATER	12/3/2007	gamma-Chlordane	5103742	ND		0.05	0.0091	µg/L	8081A	1	12/5/2007	12/7/2007	12/14/2007		7341470	7341470
NE3 MW-30B	I7L050202	1	WATER	12/3/2007	Heptachlor	76448	0.093	COL	0.05	0.0077	µg/L	8081A	1	12/5/2007	12/7/2007	12/14/2007		7341470	7341470
NE3 MW-30B	I7L050202	1	WATER	12/3/2007	Heptachlor epoxide	1024573	ND		0.05	0.0075	µg/L	8081A	1	12/5/2007	12/7/2007	12/14/2007		7341470	7341470
NE3 MW-30B	I7L050202	1	WATER	12/3/2007	Methoxychlor	72435	ND		0.1	0.013	µg/L	8081A	1	12/5/2007	12/7/2007	12/14/2007		7341470	7341470
NE3 MW-30B	I7L050202	1	WATER	12/3/2007	Toxaphene	8001352	ND		2.5	0.37	µg/L	8081A	1	12/5/2007	12/7/2007	12/14/2007		7341470	7341470
NE3 MW-30B	I7L050202	1	WATER	12/3/2007	1,1,1,2-Tetrachloroethane	630206	ND		10000	3300	µg/L	8260B	10000	12/5/2007	12/15/2007	12/15/2007		7352058	7352058
NE3 MW-30B	I7L050202	1	WATER	12/3/2007	1,1,1-Trichloroethane	71556	55000		10000	3600	µg/L	8260B	10000	12/5/2007	12/15/2007	12/15/2007		7352058	7352058
NE3 MW-30B	I7L050202	1	WATER	12/3/2007	1,1,2,2-Tetrachloroethane	79345	ND		10000	3100	µg/L	8260B	10000	12/5/2007	12/15/2007	12/15/2007		7352058	7352058
NE3 MW-30B	I7L050202	1	WATER	12/3/2007	1,1,2-Trichloro-1,2,2-trifluoroethane	76131	ND		10000	3800	µg/L	8260B	10000	12/5/2007	12/15/2007	12/15/2007		7352058	7352058
NE3 MW-30B	I7L050202	1	WATER	12/3/2007	1,1,2-Trichloroethane	79005	ND		10000	3500	µg/L	8260B	10000	12/5/2007	12/15/2007	12/15/2007		7352058	7352058
NE3 MW-30B	I7L050202	1	WATER	12/3/2007	1,1-Dichloroethane	75343	29000		10000	3700	µg/L	8260B	10000	12/5/2007	12/15/2007	12/15/2007		7352058	7352058
NE3 MW-30B	I7L050202	1	WATER	12/3/2007	1,1-Dichloroethene	75354	7000	J	10000	4300	µg/L	8260B	10000	12/5/2007	12/15/2007	12/15/2007		7352058	7352058
NE3 MW-30B	I7L050202	1	WATER	12/3/2007	1,1-Dichloropropene	563586	ND		10000	3500	µg/L	8260B	10000	12/5/2007	12/15/2007	12/15/2007		7352058	7352058
NE3 MW-30B	I7L050202	1	WATER	12/3/2007	1,2,3-Trichloropropane	96184	60000		10000	3000	µg/L	8260B	10000	12/5/2007	12/15/2007	12/15/2007		7352058	7352058
NE3 MW-30B	I7L050202	1	WATER	12/3/2007	1,2,4-Trichlorobenzene	120821	ND	UJ	10000	4800	µg/L	8260B	10000	12/5/2007	12/15/2007	12/15/2007		7352058	7352058
NE3 MW-30B	I7L050202	1	WATER	12/3/2007	1,2,4-Trimethylbenzene	95636	ND		10000	6000	µg/L	8260B	10000	12/5/2007	12/15/2007	12/15/2007		7352058	7352058
NE3 MW-30B	I7L050202	1	WATER	12/3/2007	1,2-Dibromo-3-chloropropane (DBCP)	96128	ND	UJ	50000	3400	µg/L	8260B	10000	12/5/2007	12/15/2007	12/15/2007		7352058	7352058
NE3 MW-30B	I7L050202	1	WATER	12/3/2007	1,2-Dibromoethane (EDB)	106934	ND		10000	3000	µg/L	8260B	10000	12/5/2007	12/15/2007	12/15/2007		7352058	7352058
NE3 MW-30B	I7L050202	1	WATER	12/3/2007	1,2-Dichlorobenzene	95501	ND		10000	4300	µg/L	8260B	10000	12/5/2007	12/15/2007	12/15/2007		7352058	7352058
NE3 MW-30B	I7L050202	1	WATER	12/3/2007	1,2-Dichloroethane	107062	200000		10000	3900	µg/L	8260B	10000	12/5/2007	12/15/2007	12/15/2007		7352058	7352058
NE3 MW-30B	I7L050202	1	WATER	12/3/2007	1,2-Dichloroethene (total)	540590	ND		20000	7300	µg/L	8260B	10000	12/5/2007	12/15/2007	12/15/2007		7352058	7352058
NE3 MW-30B	I7L050202	1	WATER	12/3/2007	1,2-Dichloropropane	78875	4300	J	10000	3700	µg/L	8260B	10000	12/5/2007	12/15/2007	12/15/2007		7352058	7352058
NE3 MW-30B	I7L050202	1	WATER	12/3/2007	1,3,5-Trimethylbenzene	108678	ND		10000	4900	µg/L	8260B	10000	12/5/2007	12/15/2007	12/15/2007		7352058	7352058
NE3 MW-30B	I7L050202	1	WATER	12/3/2007	1,3-Dichlorobenzene	541731	ND		10000	3900	µg/L	8260B	10000	12/5/2007	12/15/2007	12/15/2007		7352058	7352058
NE3 MW-30B	I7L050202	1	WATER	12/3/2007	1,3-Dichloropropane	142289	ND		10000	2900	µg/L	8260B	10000	12/5/2007	12/15/2007	12/15/2007		7352058	7352058
NE3 MW-30B	I7L050202	1	WATER	12/3/2007	1,4-Dichlorobenzene	106467	ND		10000	3800	µg/L	8260B	10000	12/5/2007	12/15/2007	12/15/2007		7352058	7352058
NE3 MW-30B	I7L050202	1	WATER	12/3/2007	2,2-Dichloropropane	594207	ND		10000	3900	µg/L	8260B	10000	12/5/2007	12/15/2007	12/15/2007		7352058	7352058
NE3 MW-30B	I7L050202	1	WATER	12/3/2007	2-Butanone (MEK)	78933	ND		50000	8400	µg/L	8260B	10000	12/5/2007	12/15/2007	12/15/2007		7352058	7352058
NE3 MW-30B	I7L050202	1	WATER	12/3/2007	2-Chloroethyl vinyl ether	110758	ND	R		6200	µg/L	8260B	10000	12/5/2007	12/15/2007	12/15/2007		7352058	7352058
NE3 MW-30B	I7L050202	1	WATER	12/3/2007	2-Chlorotoluene	95498	ND		10000	3900	µg/L	8260B	10000	12/5/2007	12/15/2007	12/15/2007		7352058	7352058
NE3 MW-30B	I7L050202	1	WATER	12/3/2007	2-Hexanone	591786	ND	UJ	50000	2700	µg/L	8260B	10000	12/5/2007	12/15/2007	12/15/2007		7352058	7352058
NE3 MW-30B	I7L050202	1	WATER	12/3/2007	4-Chlorotoluene	106434	ND		10000	3400	µg/L	8260B	10000	12/5/2007	12/15/2007	12/15/2007		7352058	7352058
NE3 MW-30B	I7L050202	1	WATER	12/3/2007	4-Methyl-2-pentanone (MIBK)	108101	ND		50000	4200	µg/L	8260B	10000	12/5/2007	12/15/2007	12/15/2007		7352058	7352058
NE3 MW-30B	I7L050202	1	WATER	12/3/2007	Acetone	67641	ND		50000	8200	µg/L	8260B	10000	12/5/2007	12/15/2007	12/15/2007		7352058	7352058
NE3 MW-30B	I7L050202	1	WATER	12/3/2007	Acrolein	107028	ND	R	100000	13000	µg/L	8260B	10000	12/5/2007	12/15/2007	12/15/2007		7352058	7352058
NE3 MW-30B	I7L050202	1	WATER	12/3/2007	Acrylonitrile	107131	ND	R	100000	15000	µg/L	8260B	10000	12/5/2007	12/15/2007	12/15/2007		7352058	7352058
NE3 MW-30B	I7L050202	1	WATER	12/3/2007	Benzene	71432	ND		10000	3900	µg/L	8260B	10000	12/5/2007	12/15/2007	12/15/2007		7352058	7352058
NE3 MW-30B	I7L050202	1	WATER	12/3/2007	Bromobenzene	108861	ND		10000	3900	µg/L	8260B	10000	12/5/2007	12/15/2007	12/15/2007		7352058	7352058
NE3 MW-30B	I7L050202	1	WATER	12/3/2007	Bromodichloromethane	75274	ND		10000	3700	µg/L	8260B	10000	12/5/2007	12/15/2007	12/15/2007		7352058	7352058
NE3 MW-30B	I7L050202	1	WATER	12/3/2007	Bromoform	75252	ND		20000	2700	µg/L	8260B	10000	12/5/2007	12/15/2007	12/15/2007		7352058	7352058
NE3 MW-30B	I7L050202	1	WATER	12/3/2007	Bromomethane	74839	ND	UJ	20000	7200	µg/L	8260B	10000	12/5/2007	12/15/2007	12/15/2007		7352058	7352058
NE3 MW-30B	I7L050202	1	WATER	12/3/2007	Carbon disulfide	75150	ND		10000	3800	µg/L	8260B	10000	12/5/2007	12/15/2007	12/15/2007		7352058	7352058
NE3 MW-30B	I7L050202	1	WATER	12/3/2007	Carbon tetrachloride	56235	7500	J	10000	4100	µg/L	8260B	10000	12/5/2007	12/15/2007	12/15/2007		7352058	7352058
NE3 MW-30B	I7L050202	1	WATER	12/3/2007	Chlorobenzene	108907	ND		10000	3300	µg/L	8260B	10000	12/5/2007	12/15/2007	12/15/2007		7352058	7352058
NE3 MW-30B	I7L050202	1	WATER	12/3/2007	Chloroethane	75003	ND		20000	4500	µg/L	8260B	10000	12/5/2007	12/15/2007	12/15/2007		7352058	7352058
NE3 MW-30B	I7L050202	1	WATER	12/3/2007	Chloroform	67663	ND		10000	3500	µg/L	8260B	10000	12/5/2007	12/15/2007	12/15/2007		7352058	7352058
NE3 MW-30B	I7L050202	1	WATER	12/3/2007	Chloromethane	74873	ND		20000	4800	µg/L	8260B	10000	12/5/2007	12/15/2007	12/15/2007		7352058	7352058
NE3 MW-30B	I7L050202	1	WATER	12/3/2007	cis-1,2-Dichloroethene	156592	ND		10000	3700	µg/L	8260B	10000	12/5/2007	12/15/2007	12/15/2007		7352058	7352058
NE3 MW-30B	I7L050202	1	WATER	12/3/2007	cis-1,3-Dichloropropene	10061015	ND		10000	3100	µg/L	8260B	10000	12/5/2007	12/15/2007	12/15/2007		7352058	7352058
NE3 MW-30B	I7L050202	1	WATER	12/3/2007	Dibromochloromethane	124481	ND		10000	2800	µg/L	8260B	10000	12/5/2007	12/15/2007	12/15/2007		7352058	7352058
NE3 MW-30B	I7L050202	1	WATER	12/3/2007	Dibromomethane	74953	ND		10000	4100	µg/L	8260B	10000	12/5/2007	12/15/2007	12/15/2007		7352058	7352058
NE3 MW-30B	I7L050202	1	WATER	12/3/2007	Dichlorodifluoromethane	75718	ND	UJ	20000	5200	µg/L	8260B	10000	12/5/2007	12/15/2007	12/15/2007		7352058	7352058
NE3 MW-30B	I7L050202	1	WATER	12/3/2007	Ethylbenzene	100414	ND		10000	4200	µg/L	8260B	10000	12/5/2007	12/15/2007	12/15/2007		7352058	7352058
NE3 MW-30B	I7L050202	1	WATER	12/3/2007	Hexachlorobutadiene	87683	ND		10000	5700	µg/L	8260B	10000	12/5/2007	12/15/2007	12/15/2007		7352058	7352058

GULFCO GROUND WATER SPLIT DATA - 3 DECEMBER 2007
(LAB SDG I7L05202)

Client Sample ID	Lab Lot ID	Lab Sample No.	Matrix	Collected	Analyte	CAS No.	Result	Flag	Reporting Limit	MDL	Units	Method	Dilution	Received	Prepped	Analyzed	Spiked	QCLot	QCRun
NE3 MW-30B	I7L050202	1	WATER	12/3/2007	Iodomethane	74884	ND		10000	5900	µg/L	8260B	10000	12/5/2007	12/15/2007	12/15/2007		7352058	7352058
NE3 MW-30B	I7L050202	1	WATER	12/3/2007	Isopropylbenzene	98828	ND		10000	4200	µg/L	8260B	10000	12/5/2007	12/15/2007	12/15/2007		7352058	7352058
NE3 MW-30B	I7L050202	1	WATER	12/3/2007	Methyl acetate	79209	ND		50000	9600	µg/L	8260B	10000	12/5/2007	12/15/2007	12/15/2007		7352058	7352058
NE3 MW-30B	I7L050202	1	WATER	12/3/2007	Methyl tert-butyl ether (MTBE)	1634044	ND		10000	3400	µg/L	8260B	10000	12/5/2007	12/15/2007	12/15/2007		7352058	7352058
NE3 MW-30B	I7L050202	1	WATER	12/3/2007	Methylcyclohexane	108872	ND		50000	7200	µg/L	8260B	10000	12/5/2007	12/15/2007	12/15/2007		7352058	7352058
NE3 MW-30B	I7L050202	1	WATER	12/3/2007	*Methylene chloride*	*75092*	*640000*		10000	4200	µg/L	8260B	10000	12/5/2007	12/15/2007	12/15/2007		7352058	7352058
NE3 MW-30B	I7L050202	1	WATER	12/3/2007	n-Butanol	71363	ND	R	2500000	130000	µg/L	8260B	10000	12/5/2007	12/15/2007	12/15/2007		7352058	7352058
NE3 MW-30B	I7L050202	1	WATER	12/3/2007	n-Butylbenzene	104518	ND		10000	8800	µg/L	8260B	10000	12/5/2007	12/15/2007	12/15/2007		7352058	7352058
NE3 MW-30B	I7L050202	1	WATER	12/3/2007	n-Propylbenzene	103651	ND		10000	4400	µg/L	8260B	10000	12/5/2007	12/15/2007	12/15/2007		7352058	7352058
NE3 MW-30B	I7L050202	1	WATER	12/3/2007	p-Isopropyltoluene	99876	ND		10000	6300	µg/L	8260B	10000	12/5/2007	12/15/2007	12/15/2007		7352058	7352058
NE3 MW-30B	I7L050202	1	WATER	12/3/2007	sec-Butylbenzene	135988	ND		10000	6100	µg/L	8260B	10000	12/5/2007	12/15/2007	12/15/2007		7352058	7352058
NE3 MW-30B	I7L050202	1	WATER	12/3/2007	Styrene	100425	ND		10000	3100	µg/L	8260B	10000	12/5/2007	12/15/2007	12/15/2007		7352058	7352058
NE3 MW-30B	I7L050202	1	WATER	12/3/2007	tert-Butylbenzene	98066	ND		10000	4500	µg/L	8260B	10000	12/5/2007	12/15/2007	12/15/2007		7352058	7352058
NE3 MW-30B	I7L050202	1	WATER	12/3/2007	Tetrachloroethene	127184	17000		10000	4000	µg/L	8260B	10000	12/5/2007	12/15/2007	12/15/2007		7352058	7352058
NE3 MW-30B	I7L050202	1	WATER	12/3/2007	Toluene	108883	ND		10000	3900	µg/L	8260B	10000	12/5/2007	12/15/2007	12/15/2007		7352058	7352058
NE3 MW-30B	I7L050202	1	WATER	12/3/2007	trans-1,2-Dichloroethene	156605	*ND*		*10000*	*3700*	µg/L	*8260B*	10000	12/5/2007	12/15/2007	12/15/2007		7352058	7352058
NE3 MW-30B	I7L050202	1	WATER	12/3/2007	trans-1,3-Dichloropropene	10061026	ND		10000	2100	µg/L	8260B	10000	12/5/2007	12/15/2007	12/15/2007		7352058	7352058
NE3 MW-30B	I7L050202	1	WATER	12/3/2007	trans-1,4-Dichloro-2-butene	110576	ND	R	50000	3600	µg/L	8260B	10000	12/5/2007	12/15/2007	12/15/2007		7352058	7352058
NE3 MW-30B	I7L050202	1	WATER	12/3/2007	Trichloroethene	79016	130000		10000	4500	µg/L	8260B	10000	12/5/2007	12/15/2007	12/15/2007		7352058	7352058
NE3 MW-30B	I7L050202	1	WATER	12/3/2007	Trichlorofluoromethane	75694	ND		20000	4700	µg/L	8260B	10000	12/5/2007	12/15/2007	12/15/2007		7352058	7352058
NE3 MW-30B	I7L050202	1	WATER	12/3/2007	Vinyl acetate	108054	ND		20000	2900	µg/L	8260B	10000	12/5/2007	12/15/2007	12/15/2007		7352058	7352058
NE3 MW-30B	I7L050202	1	WATER	12/3/2007	Vinyl chloride	75014	ND		20000	4000	µg/L	8260B	10000	12/5/2007	12/15/2007	12/15/2007		7352058	7352058
NE3 MW-30B	I7L050202	1	WATER	12/3/2007	Xylenes (total)	1330207	ND		30000	12000	µg/L	8260B	10000	12/5/2007	12/15/2007	12/15/2007		7352058	7352058
NE3 MW-30B	I7L050202	1	WATER	12/3/2007	Acenaphthylene	208968	ND		9.6	0.87	µg/L	8270C	0.96	12/5/2007	12/7/2007	12/12/2007		7341534	7341534
NE3 MW-30B	I7L050202	1	WATER	12/3/2007	Acetophenone	98862	72		9.6	1.5	µg/L	8270C	0.96	12/5/2007	12/7/2007	12/12/2007		7341534	7341534
NE3 MW-30B	I7L050202	1	WATER	12/3/2007	Aniline	62533	ND		9.6	2	µg/L	8270C	0.96	12/5/2007	12/7/2007	12/12/2007		7341534	7341534
NE3 MW-30B	I7L050202	1	WATER	12/3/2007	Anthracene	120127	ND		9.6	1.1	µg/L	8270C	0.96	12/5/2007	12/7/2007	12/12/2007		7341534	7341534
NE3 MW-30B	I7L050202	1	WATER	12/3/2007	Benzidine	92875	ND		48	5.7	µg/L	8270C	0.96	12/5/2007	12/7/2007	12/12/2007		7341534	7341534
NE3 MW-30B	I7L050202	1	WATER	12/3/2007	Benzo(a)anthracene	56553	ND		9.6	1.1	µg/L	8270C	0.96	12/5/2007	12/7/2007	12/12/2007		7341534	7341534
NE3 MW-30B	I7L050202	1	WATER	12/3/2007	Benzo(b)fluoranthene	205992	ND		9.6	0.76	µg/L	8270C	0.96	12/5/2007	12/7/2007	12/12/2007		7341534	7341534
NE3 MW-30B	I7L050202	1	WATER	12/3/2007	Benzo(k)fluoranthene	207089	ND		9.6	1.2	µg/L	8270C	0.96	12/5/2007	12/7/2007	12/12/2007		7341534	7341534
NE3 MW-30B	I7L050202	1	WATER	12/3/2007	Benzoic acid	65850	85		48	13	µg/L	8270C	0.96	12/5/2007	12/7/2007	12/12/2007		7341534	7341534
NE3 MW-30B	I7L050202	1	WATER	12/3/2007	Benzo(ghi)perylene	191242	ND		9.6	0.73	µg/L	8270C	0.96	12/5/2007	12/7/2007	12/12/2007		7341534	7341534
NE3 MW-30B	I7L050202	1	WATER	12/3/2007	Benzo(a)pyrene	50328	ND		9.6	1.1	µg/L	8270C	0.96	12/5/2007	12/7/2007	12/12/2007		7341534	7341534
NE3 MW-30B	I7L050202	1	WATER	12/3/2007	Benzyl alcohol	100516	ND		9.6	1.6	µg/L	8270C	0.96	12/5/2007	12/7/2007	12/12/2007		7341534	7341534
NE3 MW-30B	I7L050202	1	WATER	12/3/2007	Biphenyl	92524	5.5	J	9.6	1	µg/L	8270C	0.96	12/5/2007	12/7/2007	12/12/2007		7341534	7341534
NE3 MW-30B	I7L050202	1	WATER	12/3/2007	bis(2-Chloroethoxy)methane	111911	ND		9.6	1.1	µg/L	8270C	0.96	12/5/2007	12/7/2007	12/12/2007		7341534	7341534
NE3 MW-30B	I7L050202	1	WATER	12/3/2007	bis(2-Chloroethyl) ether	111444	ND		9.6	1.1	µg/L	8270C	0.96	12/5/2007	12/7/2007	12/12/2007		7341534	7341534
NE3 MW-30B	I7L050202	1	WATER	12/3/2007	bis(2-Chloroisopropyl) ether	108601	ND		9.6	1.2	µg/L	8270C	0.96	12/5/2007	12/7/2007	12/12/2007		7341534	7341534
NE3 MW-30B	I7L050202	1	WATER	12/3/2007	bis(2-Ethylhexyl) phthalate	117817	3.5	B UJ	9.6	2.6	µg/L	8270C	0.96	12/5/2007	12/7/2007	12/12/2007		7341534	7341534
NE3 MW-30B	I7L050202	1	WATER	12/3/2007	4-Bromophenyl phenyl ether	101553	ND		9.6	0.9	µg/L	8270C	0.96	12/5/2007	12/7/2007	12/12/2007		7341534	7341534
NE3 MW-30B	I7L050202	1	WATER	12/3/2007	Butyl benzyl phthalate	85687	ND		9.6	0.95	µg/L	8270C	0.96	12/5/2007	12/7/2007	12/12/2007		7341534	7341534
NE3 MW-30B	I7L050202	1	WATER	12/3/2007	4-Chloroaniline	106478	ND		9.6	1.6	µg/L	8270C	0.96	12/5/2007	12/7/2007	12/12/2007		7341534	7341534
NE3 MW-30B	I7L050202	1	WATER	12/3/2007	4-Chloro-3-methylphenol	59507	ND		9.6	1	µg/L	8270C	0.96	12/5/2007	12/7/2007	12/12/2007		7341534	7341534
NE3 MW-30B	I7L050202	1	WATER	12/3/2007	2-Chloronaphthalene	91587	ND		9.6	1.4	µg/L	8270C	0.96	12/5/2007	12/7/2007	12/12/2007		7341534	7341534
NE3 MW-30B	I7L050202	1	WATER	12/3/2007	2-Chlorophenol	95578	ND		9.6	1.4	µg/L	8270C	0.96	12/5/2007	12/7/2007	12/12/2007		7341534	7341534
NE3 MW-30B	I7L050202	1	WATER	12/3/2007	4-Chlorophenyl phenyl ether	7005723	ND		9.6	1.4	µg/L	8270C	0.96	12/5/2007	12/7/2007	12/12/2007		7341534	7341534
NE3 MW-30B	I7L050202	1	WATER	12/3/2007	Chrysene	218019	ND		9.6	1	µg/L	8270C	0.96	12/5/2007	12/7/2007	12/12/2007		7341534	7341534
NE3 MW-30B	I7L050202	1	WATER	12/3/2007	Dibenz(a,h)anthracene	53703	ND		9.6	0.97	µg/L	8270C	0.96	12/5/2007	12/7/2007	12/12/2007		7341534	7341534
NE3 MW-30B	I7L050202	1	WATER	12/3/2007	Dibenzofuran	132649	3.5	J	9.6	1	µg/L	8270C	0.96	12/5/2007	12/7/2007	12/12/2007		7341534	7341534
NE3 MW-30B	I7L050202	1	WATER	12/3/2007	Di-n-butyl phthalate	84742	ND		9.6	1.1	µg/L	8270C	0.96	12/5/2007	12/7/2007	12/12/2007		7341534	7341534
NE3 MW-30B	I7L050202	1	WATER	12/3/2007	3,3'-Dichlorobenzidine	91941	ND		48	1.6	µg/L	8270C	0.96	12/5/2007	12/7/2007	12/12/2007		7341534	7341534
NE3 MW-30B	I7L050202	1	WATER	12/3/2007	2,4-Dichlorophenol	120832	ND		9.6	0.99	µg/L	8270C	0.96	12/5/2007	12/7/2007	12/12/2007		7341534	7341534
NE3 MW-30B	I7L050202	1	WATER	12/3/2007	Diethyl phthalate	84662	ND		9.6	1.4	µg/L	8270C	0.96	12/5/2007	12/7/2007	12/12/2007		7341534	7341534
NE3 MW-30B	*I7L050202*	1	*WATER*	*12/3/2007*	*2,4-Dimethylphenol*	105679	100		9.6	1.8	µg/L	8270C	0.96	12/5/2007	12/7/2007	12/12/2007		7341534	7341534
NE3 MW-30B	I7L050202	1	WATER	12/3/2007	Dimethyl phthalate	131113	ND		9.6	1.2	µg/L	8270C	0.96	12/5/2007	12/7/2007	12/12/2007		7341534	7341534
NE3 MW-30B	I7L050202	1	WATER	12/3/2007	Di-n-octyl phthalate	117840	ND		9.6	1.1	µg/L	8270C	0.96	12/5/2007	12/7/2007	12/12/2007		7341534	7341534
NE3 MW-30B	I7L050202	1	WATER	12/3/2007	4,6-Dinitro-2-methylphenol	534521	ND		48	3.4	µg/L	8270C	0.96	12/5/2007	12/7/2007	12/12/2007		7341534	7341534
NE3 MW-30B	I7L050202	1	WATER	12/3/2007	2,4-Dinitrophenol	51285	ND		48	3.6	µg/L	8270C	0.96	12/5/2007	12/7/2007	12/12/2007		7341534	7341534
NE3 MW-30B	I7L050202	1	WATER	12/3/2007	2,4-Dinitrotoluene	121142	ND		9.6	2.8	µg/L	8270C	0.96	12/5/2007	12/7/2007	12/12/2007		7341534	7341534
NE3 MW-30B	I7L050202	1	WATER	12/3/2007	2,6-Dinitrotoluene	606202	ND		9.6	0.98	µg/L	8270C	0.96	12/5/2007	12/7/2007	12/12/2007		7341534	7341534
NE3 MW-30B	I7L050202	1	WATER	12/3/2007	Fluoranthene	206440	ND		9.6	0.88	µg/L	8270C	0.96	12/5/2007	12/7/2007	12/12/2007		7341534	7341534
NE3 MW-30B	I7L050202	1	WATER	12/3/2007	Fluorene	86737	3	J	9.6	0.97	µg/L	8270C	0.96	12/5/2007	12/7/2007	12/12/2007		7341534	7341534
NE3 MW-30B	I7L050202	1	WATER	12/3/2007	Hexachlorobenzene	118741	ND		9.6	1.4	µg/L	8270C	0.96	12/5/2007	12/7/2007	12/12/2007		7341534	7341534
NE3 MW-30B	I7L050202	1	WATER	12/3/2007	Hexachlorocyclopentadiene	*77474*	*ND*		48	3.3	µg/L	8270C	0.96	12/5/2007	12/7/2007	12/12/2007		7341534	7341534
NE3 MW-30B	I7L050202	1	WATER	12/3/2007	Hexachloroethane	67721	ND		9.6	0.9	µg/L	8270C	0.96	12/5/2007	12/7/2007	12/12/2007		7341534	7341534
NE3 MW-30B	I7L050202	1	WATER	12/3/2007	Indeno(1,2,3-cd)pyrene	193395	ND		9.6	1.1	µg/L	8270C	0.96	12/5/2007	12/7/2007	12/12/2007		7341534	7341534
NE3 MW-30B	I7L050202	1	WATER	12/3/2007	Isophorone	78591	ND		9.6	1.1	µg/L	8270C	0.96	12/5/2007	12/7/2007	12/12/2007		7341534	7341534
NE3 MW-30B	I7L050202	1	WATER	12/3/2007	2-Methylnaphthalene	91576	12		9.6	0.93	µg/L	8270C	0.96	12/5/2007	12/7/2007	12/12/2007		7341534	7341534

GULFCO GROUND WATER SPLIT DATA - 3 DECEMBER 2007
(LAB SDG I7L05202)

Client Sample ID	Lab Lot ID	Lab Sample No.	Matrix	Collected	Analyte	CAS No.	Result	Flag	Reporting Limit	MDL	Units	Method	Dilution	Received	Prepped	Analyzed	Spiked	QCLot	QCRun
NE3 MW-30B	I7L050202	1	WATER	12/3/2007	2-Methylphenol	95487	170		48	8.8	µg/L	8270C	4.81	12/5/2007	12/7/2007	12/13/2007		7341534	7341534
NE3 MW-30B	I7L050202	1	WATER	12/3/2007	2-Nitroaniline	88744	ND		48	1.1	µg/L	8270C	0.96	12/5/2007	12/7/2007	12/12/2007		7341534	7341534
NE3 MW-30B	I7L050202	1	WATER	12/3/2007	3-Nitroaniline	99092	ND		48	1.2	µg/L	8270C	0.96	12/5/2007	12/7/2007	12/12/2007		7341534	7341534
NE3 MW-30B	I7L050202	1	WATER	12/3/2007	4-Nitroaniline	100016	ND		48	1	µg/L	8270C	0.96	12/5/2007	12/7/2007	12/12/2007		7341534	7341534
NE3 MW-30B	I7L050202	1	WATER	12/3/2007	Nitrobenzene	98953	ND		9.6	1.1	µg/L	8270C	0.96	12/5/2007	12/7/2007	12/12/2007		7341534	7341534
NE3 MW-30B	I7L050202	1	WATER	12/3/2007	2-Nitrophenol	88755	ND		9.6	1	µg/L	8270C	0.96	12/5/2007	12/7/2007	12/12/2007		7341534	7341534
NE3 MW-30B	I7L050202	1	WATER	12/3/2007	4-Nitrophenol	100027	ND		48	3.9	µg/L	8270C	0.96	12/5/2007	12/7/2007	12/12/2007		7341534	7341534
NE3 MW-30B	I7L050202	1	WATER	12/3/2007	N-Nitrosodimethylamine	62759	ND		9.6	0.9	µg/L	8270C	0.96	12/5/2007	12/7/2007	12/12/2007		7341534	7341534
NE3 MW-30B	I7L050202	1	WATER	12/3/2007	N-Nitrosodi-n-propylamine	621647	ND		9.6	1	µg/L	8270C	0.96	12/5/2007	12/7/2007	12/12/2007		7341534	7341534
NE3 MW-30B	I7L050202	1	WATER	12/3/2007	N-Nitrosodiphenylamine	86306	ND		9.6	0.9	µg/L	8270C	0.96	12/5/2007	12/7/2007	12/12/2007		7341534	7341534
NE3 MW-30B	I7L050202	1	WATER	12/3/2007	Phenanthrene	85018	4.6	J	9.6	0.96	µg/L	8270C	0.96	12/5/2007	12/7/2007	12/12/2007		7341534	7341534
NE3 MW-30B	I7L050202	1	WATER	12/3/2007	Phenol	108952	ND		9.6	2	µg/L	8270C	0.96	12/5/2007	12/7/2007	12/12/2007		7341534	7341534
NE3 MW-30B	I7L050202	1	WATER	12/3/2007	Pyrene	129000	ND		9.6	0.88	µg/L	8270C	0.96	12/5/2007	12/7/2007	12/12/2007		7341534	7341534
NE3 MW-30B	I7L050202	1	WATER	12/3/2007	Pyridine	110861	ND		9.6	1.8	µg/L	8270C	0.96	12/5/2007	12/7/2007	12/12/2007		7341534	7341534
NE3 MW-30B	I7L050202	1	WATER	12/3/2007	2,4,5-Trichlorophenol	95954	ND		9.6	0.96	µg/L	8270C	0.96	12/5/2007	12/7/2007	12/12/2007		7341534	7341534
NE3 MW-30B	I7L050202	1	WATER	12/3/2007	2,4,6-Trichlorophenol	88062	ND		9.6	1.1	µg/L	8270C	0.96	12/5/2007	12/7/2007	12/12/2007		7341534	7341534
NE3 MW-30B	I7L050202	1	WATER	12/3/2007	Carbazole	86748	18		9.6	1	µg/L	8270C	0.96	12/5/2007	12/7/2007	12/12/2007		7341534	7341534
NE3 MW-30B	I7L050202	1	WATER	12/3/2007	1,2-Diphenylhydrazine (as Azobenzene	122667	ND		9.6	0.94	µg/L	8270C	0.96	12/5/2007	12/7/2007	12/12/2007		7341534	7341534
NE3 MW-30B	I7L050202	1	WATER	12/3/2007	Caprolactam	105602	ND		9.6	4.2	µg/L	8270C	0.96	12/5/2007	12/7/2007	12/12/2007		7341534	7341534

Notes:

B	Method blank contamination; the associated method blank contains the target analyte at a reportable level.
COL	>40% relative percent difference between primary and confirmation column results; the lower of the two results are reported.
J	Estimated result, result is less than the reporting limit.
R	Rejected; data is considered unusable based on the intital or continuing calibration.
UJ	Indicates an estimated quantitation limit; the compound was analyzed for, but was considered non-detected.

Analytical Data Package

(SDG I7L050202)

TestAmerica
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Certificate of Analysis

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ANALYTICAL REPORT

PROJECT NO. 1434206 EPA

Gulfco Marine EP-W-06-004

Lot #: I7L050202

Luis Vega

EA Engineering, Science and Te
405 South Highway 121
Building C
Suite 100
Lewisville, TX 75067

TESTAMERICA LABORATORIES, INC.

Neal J. Salcher
Project Manager

December 31, 2007

Case Narrative

LOT NUMBER: **I7L050202**

This report contains the analytical results for the sample received under chain of custody by TestAmerica, Inc. on December 5, 2007. This sample is associated with your Gulfco Marine EP-W-06-004 project.

All samples were received in good condition and within temperature requirements.

All applicable quality control procedures met method-specified acceptance criteria except where noted in the case narrative or flagged on the result pages.

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If you have any questions, please feel free to call me at 512-310-5215.

LOT NUMBER I7L050202

Nonconformance 09-0023115

Affected Samples:
I7L050202 (1):

Affected Methods:
8270C

Case Narrative:
LCS was recovered slightly low and outside of criteria for Chrysene (62%) and 4,6-Dinitro-2-Methylphenol (61%). Reanalysis shows similar results. In the MSD, recovery for 4,6-Dinitro-2-Methylphenol was in control. All other qc requirements were met.

Corrective Action:
Instrument maintenance. Reanalysis. Unless further action is requested, data reported as is.

Nonconformance 04-0124748

Affected Samples:
I7L050202 (1): NE3 MW-30B

Affected Methods:
8081A

Case Narrative:
The method required MS/MSD could not be performed for this batch, due to insufficient sample volume. A duplicate LCS (LCSD) was analyzed to provide some evidence of batch precision.
Corrective Action:
NA

EXECUTIVE SUMMARY - Detection Highlights

I7L050202

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
NE3 MW-30B 12/03/07 13:40 001				
delta-BHC	0.38	0.050	ug/L	SW846 8081A
Heptachlor	0.093 COL	0.050	ug/L	SW846 8081A
Acetophenone	72	9.6	ug/L	SW846 8270C
Benzoic acid	85	48	ug/L	SW846 8270C
Biphenyl	5.5 J	9.6	ug/L	SW846 8270C
bis(2-Ethylhexyl) phthalate	3.5 J,B	9.6	ug/L	SW846 8270C
Dibenzofuran	3.5 J	9.6	ug/L	SW846 8270C
2,4-Dimethylphenol	100	9.6	ug/L	SW846 8270C
Fluorene	3.0 J	9.6	ug/L	SW846 8270C
2-Methylnaphthalene	12	9.6	ug/L	SW846 8270C
2-Methylphenol	170	48	ug/L	SW846 8270C
Phenanthrene	4.6 J	9.6	ug/L	SW846 8270C
Carbazole	18	9.6	ug/L	SW846 8270C
Methylene chloride	640000	10000	ug/L	SW846 8260B
1,2,3-Trichloropropane	60000	10000	ug/L	SW846 8260B
Tetrachloroethene	17000	10000	ug/L	SW846 8260B
1,1,1-Trichloroethane	55000	10000	ug/L	SW846 8260B
Trichloroethene	130000	10000	ug/L	SW846 8260B
Carbon tetrachloride	7500 J	10000	ug/L	SW846 8260B
1,1-Dichloroethane	29000	10000	ug/L	SW846 8260B
1,2-Dichloroethane	200000	10000	ug/L	SW846 8260B
1,1-Dichloroethene	7000 J	10000	ug/L	SW846 8260B
1,2-Dichloropropane	4300 J	10000	ug/L	SW846 8260B

PREPARATION METHODS SUMMARY

I7L050202

PREPARATION DESCRIPTION	PREPARATION METHOD	ANALYTICAL METHOD
Continuous Liquid-Liquid Extraction	SW846 3520C	SW846 8270C
Separatory Funnel Liquid-Liquid Extraction	SW846 3510C	SW846 8081A
15 mL Purge-and-Trap	SW846 5030B/826	SW846 8260B

References:

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

ANALYTICAL METHODS SUMMARY

I7L050202

PARAMETER	ANALYTICAL METHOD
Organochlorine Pesticides	SW846 8081A
Semivolatile Organic Compounds by GC/MS	SW846 8270C
Volatile Organics by GC/MS	SW846 8260B

References:

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

METHOD / ANALYST SUMMARY

I7L050202

ANALYTICAL METHOD	ANALYST	ANALYST ID
SW846 8081A	Carrie Lahr	008835
SW846 8260B	Brian Peterson	400173
SW846 8270C	Mark Malloy	001515

References:

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

SAMPLE SUMMARY

I7L050202

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
KDG1R	001	NE3 MW-30B	12/03/07	13:40

NOTE(S) :

- The analytical results of the samples listed above are presented on the following pages
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

QC DATA ASSOCIATION SUMMARY

I7L050202

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
001	WATER	SW846 8081A		7341470	
	WATER	SW846 8260B		7352058	7352038
	WATER	SW846 8270C		7341534	7341325

EA Engineering, Science and Technology

Client Sample ID: NE3 MW-30B

GC/MS Volatiles

Lot-Sample #...: I7L050202-001 Work Order #...: KDG1R1AA Matrix.....: WATER
Date Sampled...: 12/03/07 13:40 Date Received..: 12/05/07
Prep Date.....: 12/15/07 Analysis Date..: 12/15/07
Prep Batch #...: 7352058 Analysis Time..: 19:39
Dilution Factor: 10000
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
p-Isopropyltoluene	ND	10000	ug/L	6300
Methyl acetate	ND	50000	ug/L	9600
Methylcyclohexane	ND	50000	ug/L	7200
Methylene chloride	**640000**	**10000**	**ug/L**	**4200**
Trichlorofluoromethane	ND	20000	ug/L	4700
1,2,3-Trichloropropane	**60000**	**10000**	**ug/L**	**3000**
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	10000	ug/L	3800
1,2,4-Trimethylbenzene	ND	10000	ug/L	6000
1,3,5-Trimethylbenzene	ND	10000	ug/L	4900
Vinyl acetate	ND	20000	ug/L	2900
Vinyl chloride	ND	20000	ug/L	4000
Xylenes (total)	ND	30000	ug/L	12000
4-Methyl-2-pentanone (MIBK)	ND	50000	ug/L	4200
Methyl tert-butyl ether (MTBE)	ND	10000	ug/L	3400
n-Propylbenzene	ND	10000	ug/L	4400
Styrene	ND	10000	ug/L	3100
1,1,1,2-Tetrachloroethane	ND	10000	ug/L	3300
1,1,2,2-Tetrachloroethane	ND	10000	ug/L	3100
Tetrachloroethene	**17000**	**10000**	**ug/L**	**4000**
Toluene	ND	10000	ug/L	3900
1,2,4-Trichlorobenzene - UJ	ND	10000	ug/L	4800
1,1,1-Trichloroethane	**55000**	**10000**	**ug/L**	**3600**
1,1,2-Trichloroethane	ND	10000	ug/L	3500
Trichloroethene	**130000**	**10000**	**ug/L**	**4500**
Acetone	ND	50000	ug/L	8200
Acrolein - R	ND	100000	ug/L	13000
Acrylonitrile - R	ND	100000	ug/L	15000
Benzene	ND	10000	ug/L	3900
Bromobenzene	ND	10000	ug/L	3900
Bromodichloromethane	ND	10000	ug/L	3700
Bromoform	ND	20000	ug/L	2700
Bromomethane - UJ	ND	20000	ug/L	7200
n-Butanol - R	ND	2500000	ug/L	130000
2-Butanone (MEK)	ND	50000	ug/L	8400

(Continued on next page)

EA Engineering, Science and Technology

Client Sample ID: NE3 MW-30B

GC/MS Volatiles

Lot-Sample #...: I7L050202-001 Work Order #...: KDG1R1AA Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
n-Butylbenzene	ND	10000	ug/L	8800
sec-Butylbenzene	ND	10000	ug/L	6100
tert-Butylbenzene	ND	10000	ug/L	4500
Carbon disulfide	ND	10000	ug/L	3800
Carbon tetrachloride	**7500 J**	**10000**	**ug/L**	**4100**
Chlorobenzene	ND	10000	ug/L	3300
Dibromochloromethane	ND	10000	ug/L	2800
Chloroethane	ND	20000	ug/L	4500
2-Chloroethyl vinyl ether ~ R	ND		ug/L	6200
Chloroform	ND	10000	ug/L	3500
Chloromethane	ND	20000	ug/L	4800
2-Chlorotoluene	ND	10000	ug/L	3900
4-Chlorotoluene	ND	10000	ug/L	3400
1,2-Dibromo-3-chloropropane (DBCP) ~ UJ	ND	50000	ug/L	3400
1,2-Dibromoethane (EDB)	ND	10000	ug/L	3000
Dibromomethane	ND	10000	ug/L	4100
1,2-Dichlorobenzene	ND	10000	ug/L	4300
1,3-Dichlorobenzene	ND	10000	ug/L	3900
1,4-Dichlorobenzene	ND	10000	ug/L	3800
trans-1,4-Dichloro-2-butene ~ R	ND	50000	ug/L	3600
Dichlorodifluoromethane ~ UJ	ND	20000	ug/L	5200
1,1-Dichloroethane	**29000**	**10000**	**ug/L**	**3700**
1,2-Dichloroethane	**200000**	**10000**	**ug/L**	**3900**
cis-1,2-Dichloroethene	ND	10000	ug/L	3700
trans-1,2-Dichloroethene	ND	10000	ug/L	3700
1,1-Dichloroethene	**7000 J**	**10000**	**ug/L**	**4300**
1,2-Dichloroethene (total)	ND	20000	ug/L	7300
1,2-Dichloropropane	**4300 J**	**10000**	**ug/L**	**3700**
1,3-Dichloropropane	ND	10000	ug/L	2900
2,2-Dichloropropane	ND	10000	ug/L	3900
cis-1,3-Dichloropropene	ND	10000	ug/L	3100
trans-1,3-Dichloropropene	ND	10000	ug/L	2100
1,1-Dichloropropene	ND	10000	ug/L	3500
Ethylbenzene	ND	10000	ug/L	4200
Hexachlorobutadiene	ND	10000	ug/L	5700
2-Hexanone ~ UJ	ND	50000	ug/L	2700
Iodomethane	ND	10000	ug/L	5900
Isopropylbenzene	ND	10000	ug/L	4200

(Continued on next page)

EA Engineering, Science and Technology

Client Sample ID: NE3 MW-30B

GC/MS Volatiles

Lot-Sample #...: I7L050202-001 Work Order #...: KDG1R1AA Matrix.....: WATER

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	111	(67 - 130)
Toluene-d8	96	(83 - 115)
4-Bromofluorobenzene	92	(79 - 119)
Dibromofluoromethane	97	(88 - 119)

NOTE(S):

J Estimated result. Result is less than RL.

EA Engineering, Science and Technology

Client Sample ID: NE3 MW-30B

GC/MS Semivolatiles

Lot-Sample #...: 17L050202-001 Work Order #...: KDG1R1AD Matrix.....: WATER
Date Sampled...: 12/03/07 13:40 Date Received..: 12/05/07
Prep Date.....: 12/07/07 Analysis Date..: 12/12/07
Prep Batch #...: 7341534 Analysis Time..: 15:59
Dilution Factor: 0.96
Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	9.6	ug/L	1.1
Acenaphthylene	ND	9.6	ug/L	0.87
Acetophenone	**72**	**9.6**	**ug/L**	**1.5**
Aniline	ND	9.6	ug/L	2.0
Anthracene	ND	9.6	ug/L	1.1
Benzidine	ND	48	ug/L	5.7
Benzo(a)anthracene	ND	9.6	ug/L	1.1
Benzo(b)fluoranthene	ND	9.6	ug/L	0.76
Benzo(k)fluoranthene	ND	9.6	ug/L	1.2
Benzoic acid	**85**	**48**	**ug/L**	**13**
Benzo(ghi)perylene	ND	9.6	ug/L	0.73
Benzo(a)pyrene	ND	9.6	ug/L	1.1
Benzyl alcohol	ND	9.6	ug/L	1.6
Biphenyl	**5.5 J**	**9.6**	**ug/L**	**1.0**
bis(2-Chloroethoxy) methane	ND	9.6	ug/L	1.1
bis(2-Chloroethyl) ether	ND	9.6	ug/L	1.1
bis(2-Chloroisopropyl) ether	ND	9.6	ug/L	1.2
bis(2-Ethylhexyl) phthalate	**3.5 J,B**	**9.6**	**ug/L**	**2.6**
4-Bromophenyl phenyl ether	ND	9.6	ug/L	0.90
Butyl benzyl phthalate	ND	9.6	ug/L	0.95
4-Chloroaniline	ND	9.6	ug/L	1.6
4-Chloro-3-methylphenol	ND	9.6	ug/L	1.0
2-Chloronaphthalene	ND	9.6	ug/L	1.4
2-Chlorophenol	ND	9.6	ug/L	1.4
4-Chlorophenyl phenyl ether	ND	9.6	ug/L	1.4
Chrysene	ND	9.6	ug/L	1.0
Dibenz(a,h)anthracene	ND	9.6	ug/L	0.97
Dibenzofuran	**3.5 J**	**9.6**	**ug/L**	**1.0**
Di-n-butyl phthalate	ND	9.6	ug/L	1.1
3,3'-Dichlorobenzidine	ND	48	ug/L	1.6
2,4-Dichlorophenol	ND	9.6	ug/L	0.99
Diethyl phthalate	ND	9.6	ug/L	1.4

(Continued on next page)

EA Engineering, Science and Technology

Client Sample ID: NE3 MW-30B

GC/MS Semivolatiles

Lot-Sample #...: I7L050202-001 Work Order #...: KDG1R1AD Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,4-Dimethylphenol	**100**	**9.6**	**ug/L**	**1.8**
Dimethyl phthalate	ND	9.6	ug/L	1.2
Di-n-octyl phthalate	ND	9.6	ug/L	1.1
4,6-Dinitro-2-methylphenol	ND	48	ug/L	3.4
2,4-Dinitrophenol	ND	48	ug/L	3.6
2,4-Dinitrotoluene	ND	9.6	ug/L	2.8
2,6-Dinitrotoluene	ND	9.6	ug/L	0.98
Fluoranthene	ND	9.6	ug/L	0.88
Fluorene	**3.0 J**	**9.6**	**ug/L**	**0.97**
Hexachlorobenzene	ND	9.6	ug/L	1.4
Hexachlorocyclopentadiene	ND	48	ug/L	3.3
Hexachloroethane	ND	9.6	ug/L	0.90
Indeno(1,2,3-cd)pyrene	ND	9.6	ug/L	1.1
Isophorone	ND	9.6	ug/L	1.1
2-Methylnaphthalene	**12**	**9.6**	**ug/L**	**0.93**
2-Nitroaniline	ND	48	ug/L	1.1
3-Nitroaniline	ND	48	ug/L	1.2
4-Nitroaniline	ND	48	ug/L	1.0
Nitrobenzene	ND	9.6	ug/L	1.1
2-Nitrophenol	ND	9.6	ug/L	1.0
4-Nitrophenol	ND	48	ug/L	3.9
N-Nitrosodimethylamine	ND	9.6	ug/L	0.90
N-Nitrosodi-n-propylamine	ND	9.6	ug/L	1.0
N-Nitrosodiphenylamine	ND	9.6	ug/L	0.90
Phenanthrene	**4.6 J**	**9.6**	**ug/L**	**0.96**
Phenol	ND	9.6	ug/L	2.0
Pyrene	ND	9.6	ug/L	0.88
Pyridine	ND	9.6	ug/L	1.8
2,4,5-Trichlorophenol	ND	9.6	ug/L	0.96
2,4,6-Trichlorophenol	ND	9.6	ug/L	1.1
Carbazole	**18**	**9.6**	**ug/L**	**1.0**
1,2-Diphenylhydrazine (as Azobenzene)	ND	9.6	ug/L	0.94
Caprolactam	ND	9.6	ug/L	4.2

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EA Engineering, Science and Technology

Client Sample ID: NE3 MW-30B

GC/MS Semivolatiles

Lot-Sample #...: I7L050202-001 Work Order #...: KDG1R1AD Matrix.....: WATER

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	84	(52 - 114)
2-Fluorobiphenyl	72	(58 - 116)
Terphenyl-d14	88	(64 - 126)
2-Fluorophenol	76	(44 - 114)
Phenol-d5	73	(45 - 116)
2,4,6-Tribromophenol	81	(51 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

EA Engineering, Science and Technology

Client Sample ID: NE3 MW-30B

GC/MS Semivolatiles

Lot-Sample #...: I7L050202-001 Work Order #...: KDG1R2AD Matrix.....: WATER
Date Sampled...: 12/03/07 13:40 Date Received..: 12/05/07
Prep Date.....: 12/07/07 Analysis Date..: 12/13/07
Prep Batch #...: 7341534 Analysis Time..: 22:17
Dilution Factor: 4.81
Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2-Methylphenol	170	48	ug/L	8.8

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	93 DIL	(52 - 114)
2-Fluorobiphenyl	76 DIL	(58 - 116)
Terphenyl-d14	80 DIL	(64 - 126)
2-Fluorophenol	78 DIL	(44 - 114)
Phenol-d5	75 DIL	(45 - 116)
2,4,6-Tribromophenol	103 DIL	(51 - 130)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

EA Engineering, Science and Technology

Client Sample ID: NE3 MW-30B

GC Semivolatiles

Lot-Sample #...: I7L050202-001 Work Order #...: KDG1R1AC Matrix.....: WATER
Date Sampled...: 12/03/07 13:40 Date Received..: 12/05/07
Prep Date.....: 12/07/07 Analysis Date..: 12/14/07
Prep Batch #...: 7341470 Analysis Time..: 15:44
Dilution Factor: 1
Method.....: SW846 8081A

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aldrin	ND	0.050	ug/L	0.0059
alpha-BHC	ND	0.050	ug/L	0.0053
beta-BHC	ND	0.050	ug/L	0.0087
delta-BHC	**0.38**	**0.050**	**ug/L**	**0.0058**
gamma-BHC (Lindane)	ND	0.050	ug/L	0.0069
alpha-Chlordane	ND	0.050	ug/L	0.0053
gamma-Chlordane	ND	0.050	ug/L	0.0091
4,4'-DDD	ND	0.050	ug/L	0.0077
4,4'-DDE	ND	0.050	ug/L	0.0075
4,4'-DDT	ND	0.050	ug/L	0.015
Dieldrin	ND	0.050	ug/L	0.0063
Endosulfan I	ND	0.050	ug/L	0.0058
Endosulfan II	ND	0.050	ug/L	0.0070
Endosulfan sulfate	ND	0.050	ug/L	0.0057
Endrin	ND	0.050	ug/L	0.0079
Endrin aldehyde	ND	0.050	ug/L	0.0088
Endrin ketone	ND	0.050	ug/L	0.0070
Heptachlor	**0.093 COL**	**0.050**	**ug/L**	**0.0077**
Heptachlor epoxide	ND	0.050	ug/L	0.0075
Methoxychlor	ND	0.10	ug/L	0.013
Toxaphene	ND	2.5	ug/L	0.37

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	122	(20 - 144)
Tetrachloro-m-xylene	120	(25 - 132)

NOTE(S):

COL More than 40% RPD between primary and confirmation column results. The lower of the two results is reported.

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: I7L050202 Work Order #...: KECMH1AA Matrix.....: WATER
MB Lot-Sample #: I7L180000-058

Prep Date.....: 12/15/07 Analysis Time..: 15:29
Analysis Date..: 12/15/07 Prep Batch #...: 7352058
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
trans-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
1,2-Dichloropropane	ND	1.0	ug/L	SW846 8260B
1,3-Dichloropropane	ND	1.0	ug/L	SW846 8260B
2,2-Dichloropropane	ND	1.0	ug/L	SW846 8260B
1,1-Dichloropropene	ND	1.0	ug/L	SW846 8260B
cis-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B
Acetone	ND	5.0	ug/L	SW846 8260B
Acrolein	ND	10	ug/L	SW846 8260B
Acrylonitrile	ND	10	ug/L	SW846 8260B
Benzene	ND	1.0	ug/L	SW846 8260B
Bromodichloromethane	ND	1.0	ug/L	SW846 8260B
Bromoform	ND	2.0	ug/L	SW846 8260B
Bromomethane	ND	2.0	ug/L	SW846 8260B
Carbon disulfide	ND	1.0	ug/L	SW846 8260B
Carbon tetrachloride	ND	1.0	ug/L	SW846 8260B
Chlorobenzene	ND	1.0	ug/L	SW846 8260B
Dibromochloromethane	ND	1.0	ug/L	SW846 8260B
Chloroethane	ND	2.0	ug/L	SW846 8260B
Chloroform	ND	1.0	ug/L	SW846 8260B
Chloromethane	ND	2.0	ug/L	SW846 8260B
Dibromomethane	ND	1.0	ug/L	SW846 8260B
1,2-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,3-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,4-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
trans-1,4-Dichloro-2-butene	ND	5.0	ug/L	SW846 8260B
Dichlorodifluoromethane	ND	2.0	ug/L	SW846 8260B
1,1-Dichloroethane	ND	1.0	ug/L	SW846 8260B
1,2-Dichloroethane	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethene	ND	1.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
trans-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B
Ethylbenzene	ND	1.0	ug/L	SW846 8260B
Trichlorofluoromethane	ND	2.0	ug/L	SW846 8260B
2-Hexanone	ND	5.0	ug/L	SW846 8260B
Iodomethane	ND	1.0	ug/L	SW846 8260B
Methylene chloride	ND	1.0	ug/L	SW846 8260B
Styrene	ND	1.0	ug/L	SW846 8260B
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260B
Tetrachloroethene	ND	1.0	ug/L	SW846 8260B

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: I7L050202 Work Order #...: KECMH1AA Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Toluene	ND	1.0	ug/L	SW846 8260B
1,1,1-Trichloroethane	ND	1.0	ug/L	SW846 8260B
1,1,2-Trichloroethane	ND	1.0	ug/L	SW846 8260B
Trichloroethene	ND	1.0	ug/L	SW846 8260B
1,2,3-Trichloropropane	ND	1.0	ug/L	SW846 8260B
Vinyl acetate	ND	2.0	ug/L	SW846 8260B
Vinyl chloride	ND	2.0	ug/L	SW846 8260B
Xylenes (total)	ND	3.0	ug/L	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	ug/L	SW846 8260B
1,2-Dibromoethane (EDB)	ND	1.0	ug/L	SW846 8260B
2-Butanone (MEK)	ND	5.0	ug/L	SW846 8260B
4-Methyl-2-pentanone (MIBK)	ND	5.0	ug/L	SW846 8260B
Methyl acetate	ND	5.0	ug/L	SW846 8260B
n-Butanol	ND	250	ug/L	SW846 8260B
Bromobenzene	ND	1.0	ug/L	SW846 8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	SW846 8260B
n-Butylbenzene	ND	1.0	ug/L	SW846 8260B
sec-Butylbenzene	ND	1.0	ug/L	SW846 8260B
tert-Butylbenzene	ND	1.0	ug/L	SW846 8260B
2-Chloroethyl vinyl ether	ND		ug/L	SW846 8260B
2-Chlorotoluene	ND	1.0	ug/L	SW846 8260B
4-Chlorotoluene	ND	1.0	ug/L	SW846 8260B
1,2-Dichloroethene (total)	ND	2.0	ug/L	SW846 8260B
Hexachlorobutadiene	ND	1.0	ug/L	SW846 8260B
Isopropylbenzene	ND	1.0	ug/L	SW846 8260B
p-Isopropyltoluene	ND	1.0	ug/L	SW846 8260B
Methylcyclohexane	ND	5.0	ug/L	SW846 8260B
n-Propylbenzene	ND	1.0	ug/L	SW846 8260B
1,2,4-Trichloro-benzene	ND	1.0	ug/L	SW846 8260B
1,2,4-Trimethylbenzene	ND	1.0	ug/L	SW846 8260B
1,3,5-Trimethylbenzene	ND	1.0	ug/L	SW846 8260B
Methyl tert-butyl ether (MTBE)	ND	1.0	ug/L	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	106	(67 - 130)
Toluene-d8	96	(83 - 115)
4-Bromofluorobenzene	94	(79 - 119)
Dibromofluoromethane	92	(88 - 119)

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: I7L050202 Work Order #...: KECMH1AA Matrix.....: WATER

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: I7L050202 Work Order #...: KDP1R1AA Matrix.....: WATER
MB Lot-Sample #: I7L070000-534

Prep Date.....: 12/07/07 Analysis Time..: 12:51
Analysis Date..: 12/12/07 Prep Batch #...: 7341534
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acenaphthene	ND	10	ug/L	SW846 8270C
Acenaphthylene	ND	10	ug/L	SW846 8270C
Acetophenone	ND	10	ug/L	SW846 8270C
Aniline	ND	10	ug/L	SW846 8270C
Anthracene	ND	10	ug/L	SW846 8270C
Benzidine	ND	50	ug/L	SW846 8270C
Benzo(a)anthracene	ND	10	ug/L	SW846 8270C
Benzo(b)fluoranthene	ND	10	ug/L	SW846 8270C
Benzo(k)fluoranthene	ND	10	ug/L	SW846 8270C
Benzoic acid	ND	50	ug/L	SW846 8270C
Benzo(ghi)perylene	ND	10	ug/L	SW846 8270C
Benzo(a)pyrene	ND	10	ug/L	SW846 8270C
Benzyl alcohol	ND	10	ug/L	SW846 8270C
Biphenyl	ND	10	ug/L	SW846 8270C
bis(2-Chloroethoxy) methane	ND	10	ug/L	SW846 8270C
bis(2-Chloroethyl)-ether	ND	10	ug/L	SW846 8270C
bis(2-Chloroisopropyl) ether	ND	10	ug/L	SW846 8270C
bis(2-Ethylhexyl) phthalate	**3.3 J**	**10**	**ug/L**	**SW846 8270C**
4-Bromophenyl phenyl ether	ND	10	ug/L	SW846 8270C
Butyl benzyl phthalate	ND	10	ug/L	SW846 8270C
4-Chloroaniline	ND	10	ug/L	SW846 8270C
4-Chloro-3-methylphenol	ND	10	ug/L	SW846 8270C
2-Chloronaphthalene	ND	10	ug/L	SW846 8270C
2-Chlorophenol	ND	10	ug/L	SW846 8270C
4-Chlorophenyl phenyl ether	ND	10	ug/L	SW846 8270C
Chrysene	ND	10	ug/L	SW846 8270C
Dibenz(a,h)anthracene	ND	10	ug/L	SW846 8270C
Dibenzofuran	ND	10	ug/L	SW846 8270C
Di-n-butyl phthalate	ND	10	ug/L	SW846 8270C
3,3'-Dichlorobenzidine	ND	50	ug/L	SW846 8270C
2,4-Dichlorophenol	ND	10	ug/L	SW846 8270C
Diethyl phthalate	ND	10	ug/L	SW846 8270C
2,4-Dimethylphenol	ND	10	ug/L	SW846 8270C
Dimethyl phthalate	ND	10	ug/L	SW846 8270C
Di-n-octyl phthalate	ND	10	ug/L	SW846 8270C

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METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: I7L050202 Work Order #...: KDP1R1AA Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
4,6-Dinitro-2-methylphenol	ND	50	ug/L	SW846 8270C
2,4-Dinitrophenol	ND	50	ug/L	SW846 8270C
2,4-Dinitrotoluene	ND	10	ug/L	SW846 8270C
2,6-Dinitrotoluene	ND	10	ug/L	SW846 8270C
Fluoranthene	ND	10	ug/L	SW846 8270C
Fluorene	ND	10	ug/L	SW846 8270C
Hexachlorobenzene	ND	10	ug/L	SW846 8270C
Hexachlorocyclopenta-diene	ND	50	ug/L	SW846 8270C
Hexachloroethane	ND	10	ug/L	SW846 8270C
Indeno(1,2,3-cd)pyrene	ND	10	ug/L	SW846 8270C
Isophorone	ND	10	ug/L	SW846 8270C
2-Methylnaphthalene	ND	10	ug/L	SW846 8270C
2-Methylphenol	ND	10	ug/L	SW846 8270C
2-Nitroaniline	ND	50	ug/L	SW846 8270C
3-Nitroaniline	ND	50	ug/L	SW846 8270C
4-Nitroaniline	ND	50	ug/L	SW846 8270C
Nitrobenzene	ND	10	ug/L	SW846 8270C
2-Nitrophenol	ND	10	ug/L	SW846 8270C
4-Nitrophenol	ND	50	ug/L	SW846 8270C
N-Nitrosodimethylamine	ND	10	ug/L	SW846 8270C
N-Nitrosodi-n-propyl-amine	ND	10	ug/L	SW846 8270C
N-Nitrosodiphenylamine	ND	10	ug/L	SW846 8270C
Phenanthrene	ND	10	ug/L	SW846 8270C
Phenol	ND	10	ug/L	SW846 8270C
Pyrene	ND	10	ug/L	SW846 8270C
Pyridine	ND	10	ug/L	SW846 8270C
2,4,5-Trichloro-phenol	ND	10	ug/L	SW846 8270C
2,4,6-Trichloro-phenol	ND	10	ug/L	SW846 8270C
Carbazole	ND	10	ug/L	SW846 8270C
1,2-Diphenylhydrazine (as Azobenzene)	ND	10	ug/L	SW846 8270C
Caprolactam	ND	10	ug/L	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	83	(52 - 114)
2-Fluorobiphenyl	75	(58 - 116)
Terphenyl-d14	84	(64 - 126)
2-Fluorophenol	77	(44 - 114)
Phenol-d5	76	(45 - 116)

(Continued on next page)

METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: I7L050202 Work Order #...: KDP1R1AA Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
2,4,6-Tribromophenol	65	(51 - 130)		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

J Estimated result. Result is less than RL.

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: I7L050202 Work Order #...: KDPL31AA Matrix.....: WATER
MB Lot-Sample #: D7L070000-470

Prep Date.....: 12/07/07 Analysis Time..: 16:00
Analysis Date..: 12/14/07 Prep Batch #...: 7341470
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
4,4'-DDD	ND	0.050	ug/L	SW846 8081A
4,4'-DDE	ND	0.050	ug/L	SW846 8081A
4,4'-DDT	ND	0.050	ug/L	SW846 8081A
Dieldrin	ND	0.050	ug/L	SW846 8081A
Endosulfan I	ND	0.050	ug/L	SW846 8081A
Endosulfan II	ND	0.050	ug/L	SW846 8081A
Endosulfan sulfate	ND	0.050	ug/L	SW846 8081A
Endrin	ND	0.050	ug/L	SW846 8081A
Endrin aldehyde	ND	0.050	ug/L	SW846 8081A
Endrin ketone	ND	0.050	ug/L	SW846 8081A
Heptachlor	ND	0.050	ug/L	SW846 8081A
Heptachlor epoxide	ND	0.050	ug/L	SW846 8081A
Methoxychlor	ND	0.10	ug/L	SW846 8081A
Toxaphene	ND	2.5	ug/L	SW846 8081A
Aldrin	ND	0.050	ug/L	SW846 8081A
alpha-BHC	ND	0.050	ug/L	SW846 8081A
beta-BHC	ND	0.050	ug/L	SW846 8081A
delta-BHC	ND	0.050	ug/L	SW846 8081A
gamma-BHC (Lindane)	ND	0.050	ug/L	SW846 8081A
alpha-Chlordane	ND	0.050	ug/L	SW846 8081A
gamma-Chlordane	ND	0.050	ug/L	SW846 8081A

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	94	(20 - 144)
Tetrachloro-m-xylene	71	(25 - 132)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: I7L050202 Work Order #...: KECMH1AC-LCS Matrix.....: WATER
LCS Lot-Sample#: I7L180000-058 KECMH1AD-LCSD
Prep Date.....: 12/15/07 Analysis Date..: 12/15/07
Prep Batch #...: 7352058 Analysis Time..: 14:09
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Benzene	90	(70 - 118)			SW846 8260B
	94	(70 - 118)	3.7	(0-20)	SW846 8260B
Chlorobenzene	85	(65 - 120)			SW846 8260B
	88	(65 - 120)	3.8	(0-20)	SW846 8260B
1,1-Dichloroethene	88	(71 - 125)			SW846 8260B
	91	(71 - 125)	3.6	(0-20)	SW846 8260B
Toluene	91	(76 - 120)			SW846 8260B
	95	(76 - 120)	3.6	(0-20)	SW846 8260B
Trichloroethene	88	(64 - 120)			SW846 8260B
	91	(64 - 120)	2.7	(0-20)	SW846 8260B
Acetone	100	(35 - 161)			SW846 8260B
	112	(35 - 161)	11	(0-20)	SW846 8260B
Bromobenzene	85	(63 - 126)			SW846 8260B
	89	(63 - 126)	4.2	(0-20)	SW846 8260B
Bromodichloromethane	93	(53 - 147)			SW846 8260B
	95	(53 - 147)	2.2	(0-20)	SW846 8260B
Bromoform	76	(33 - 151)			SW846 8260B
	80	(33 - 151)	4.8	(0-20)	SW846 8260B
Bromomethane	146	(38 - 163)			SW846 8260B
	150	(38 - 163)	2.6	(0-20)	SW846 8260B
2-Butanone (MEK)	106	(28 - 177)			SW846 8260B
	115	(28 - 177)	7.7	(0-20)	SW846 8260B
n-Butylbenzene	82	(55 - 156)			SW846 8260B
	87	(55 - 156)	5.1	(0-20)	SW846 8260B
sec-Butylbenzene	87	(57 - 153)			SW846 8260B
	90	(57 - 153)	3.6	(0-20)	SW846 8260B
tert-Butylbenzene	94	(65 - 139)			SW846 8260B
	99	(65 - 139)	4.7	(0-20)	SW846 8260B
Carbon disulfide	95	(64 - 128)			SW846 8260B
	99	(64 - 128)	3.6	(0-20)	SW846 8260B
Carbon tetrachloride	99	(55 - 139)			SW846 8260B
	101	(55 - 139)	2.0	(0-20)	SW846 8260B
Chloroethane	101	(62 - 130)			SW846 8260B
	105	(62 - 130)	4.2	(0-20)	SW846 8260B
2-Chloroethyl vinyl ether	80	(10 - 122)			SW846 8260B
	85	(10 - 122)	5.8	(0-20)	SW846 8260B
Chloroform	95	(69 - 128)			SW846 8260B
	98	(69 - 128)	2.7	(0-20)	SW846 8260B
Chloromethane	98	(57 - 148)			SW846 8260B
	104	(57 - 148)	6.6	(0-20)	SW846 8260B

(Continued on next page)

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: I7L050202 Work Order #...: KECMH1AC-LCS Matrix.....: WATER
LCS Lot-Sample#: I7L180000-058 KECMH1AD-LCSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
2-Chlorotoluene	85	(66 - 134)			SW846 8260B
	89	(66 - 134)	4.4	(0-20)	SW846 8260B
4-Chlorotoluene	87	(62 - 140)			SW846 8260B
	90	(62 - 140)	3.2	(0-20)	SW846 8260B
Dibromochloromethane	87	(55 - 128)			SW846 8260B
	91	(55 - 128)	4.4	(0-20)	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	69	(51 - 133)			SW846 8260B
	70	(51 - 133)	0.86	(0-40)	SW846 8260B
1,2-Dibromoethane (EDB)	88	(67 - 122)			SW846 8260B
	91	(67 - 122)	3.0	(0-20)	SW846 8260B
Dibromomethane	84	(64 - 124)			SW846 8260B
	87	(64 - 124)	3.5	(0-20)	SW846 8260B
1,2-Dichlorobenzene	83	(65 - 122)			SW846 8260B
	86	(65 - 122)	3.6	(0-20)	SW846 8260B
1,3-Dichlorobenzene	84	(69 - 120)			SW846 8260B
	86	(69 - 120)	2.8	(0-20)	SW846 8260B
1,4-Dichlorobenzene	83	(69 - 123)			SW846 8260B
	86	(69 - 123)	3.8	(0-20)	SW846 8260B
Dichlorodifluoromethane	73	(30 - 140)			SW846 8260B
	76	(30 - 140)	4.6	(0-20)	SW846 8260B
1,1-Dichloroethane	101	(75 - 126)			SW846 8260B
	104	(75 - 126)	3.2	(0-20)	SW846 8260B
1,2-Dichloroethane	106	(59 - 138)			SW846 8260B
	108	(59 - 138)	2.1	(0-20)	SW846 8260B
cis-1,2-Dichloroethene	81	(71 - 122)			SW846 8260B
	84	(71 - 122)	3.4	(0-20)	SW846 8260B
trans-1,2-Dichloroethene	80	(75 - 129)			SW846 8260B
	83	(75 - 129)	3.7	(0-20)	SW846 8260B
1,2-Dichloropropane	96	(74 - 118)			SW846 8260B
	100	(74 - 118)	3.6	(0-20)	SW846 8260B
1,3-Dichloropropane	93	(67 - 122)			SW846 8260B
	98	(67 - 122)	4.7	(0-20)	SW846 8260B
2,2-Dichloropropane	101	(71 - 151)			SW846 8260B
	105	(71 - 151)	3.5	(0-20)	SW846 8260B
1,1-Dichloropropene	96	(74 - 127)			SW846 8260B
	100	(74 - 127)	4.3	(0-20)	SW846 8260B
cis-1,3-Dichloropropene	96	(58 - 137)			SW846 8260B
	98	(58 - 137)	1.8	(0-20)	SW846 8260B
trans-1,3-Dichloropropene	100	(42 - 185)			SW846 8260B
	104	(42 - 185)	4.1	(0-20)	SW846 8260B

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: I7L050202 Work Order #...: KECMH1AC-LCS Matrix.....: WATER
LCS Lot-Sample#: I7L180000-058 KECMH1AD-LCSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Ethylbenzene	85	(72 - 121)			SW846 8260B
	90	(72 - 121)	5.4	(0-20)	SW846 8260B
Hexachlorobutadiene	79	(71 - 135)			SW846 8260B
	83	(71 - 135)	4.6	(0-20)	SW846 8260B
2-Hexanone	84	(34 - 184)			SW846 8260B
	89	(34 - 184)	5.1	(0-20)	SW846 8260B
Iodomethane	109	(36 - 159)			SW846 8260B
	115	(36 - 159)	5.3	(0-20)	SW846 8260B
Isopropylbenzene	89	(69 - 124)			SW846 8260B
	93	(69 - 124)	5.1	(0-40)	SW846 8260B
p-Isopropyltoluene	89	(63 - 140)			SW846 8260B
	92	(63 - 140)	3.8	(0-20)	SW846 8260B
4-Methyl-2-pentanone (MIBK)	86	(38 - 171)			SW846 8260B
	91	(38 - 171)	5.2	(0-20)	SW846 8260B
Methylene chloride	90	(66 - 116)			SW846 8260B
	93	(66 - 116)	3.1	(0-20)	SW846 8260B
n-Propylbenzene	84	(57 - 142)			SW846 8260B
	89	(57 - 142)	6.4	(0-20)	SW846 8260B
Styrene	91	(69 - 120)			SW846 8260B
	96	(69 - 120)	5.1	(0-20)	SW846 8260B
1,1,1,2-Tetrachloroethane	90	(58 - 128)			SW846 8260B
	95	(58 - 128)	5.5	(0-40)	SW846 8260B
1,1,2,2-Tetrachloroethane	84	(54 - 129)			SW846 8260B
	87	(54 - 129)	4.5	(0-20)	SW846 8260B
Tetrachloroethene	76	(50 - 131)			SW846 8260B
	79	(50 - 131)	3.6	(0-20)	SW846 8260B
1,2,4-Trichloro-benzene	75	(54 - 144)			SW846 8260B
	77	(54 - 144)	3.3	(0-20)	SW846 8260B
1,1,1-Trichloroethane	102	(66 - 131)			SW846 8260B
	105	(66 - 131)	2.8	(0-20)	SW846 8260B
1,1,2-Trichloroethane	89	(62 - 127)			SW846 8260B
	93	(62 - 127)	3.9	(0-20)	SW846 8260B
1,2,3-Trichloropropane	90	(61 - 133)			SW846 8260B
	94	(61 - 133)	4.2	(0-20)	SW846 8260B
Trichlorofluoromethane	92	(60 - 129)			SW846 8260B
	95	(60 - 129)	3.6	(0-20)	SW846 8260B
1,2,4-Trimethylbenzene	92	(58 - 152)			SW846 8260B
	95	(58 - 152)	3.0	(0-20)	SW846 8260B

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: I7L050202 Work Order #...: KECMH1AC-LCS Matrix.....: WATER
LCS Lot-Sample#: I7L180000-058 KECMH1AD-LCSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,3,5-Trimethylbenzene	92	(59 - 151)			SW846 8260B
	95	(59 - 151)	3.1	(0-20)	SW846 8260B
Vinyl acetate	111	(59 - 153)			SW846 8260B
	116	(59 - 153)	3.8	(0-20)	SW846 8260B
Vinyl chloride	107	(66 - 127)			SW846 8260B
	110	(66 - 127)	2.9	(0-20)	SW846 8260B
Xylenes (total)	88	(72 - 121)			SW846 8260B
	92	(72 - 121)	4.5	(0-20)	SW846 8260B
Acrolein	99	(19 - 217)			SW846 8260B
	105	(19 - 217)	5.7	(0-20)	SW846 8260B
Acrylonitrile	104	(55 - 163)			SW846 8260B
	108	(55 - 163)	3.2	(0-20)	SW846 8260B
trans-1,4-Dichloro-2-butene	69	(37 - 186)			SW846 8260B
	73	(37 - 186)	5.2	(0-20)	SW846 8260B
1,2-Dichloroethene (total)	80	(74 - 125)			SW846 8260B
	83	(74 - 125)	3.6	(0-20)	SW846 8260B
Methyl tert-butyl ether (MTBE)	95	(57 - 144)			SW846 8260B
	100	(57 - 144)	4.3	(0-20)	SW846 8260B
Methyl acetate	111	(49 - 287)			SW846 8260B
	117	(49 - 287)	5.0	(0-20)	SW846 8260B
Methylcyclohexane	99	(70 - 130)			SW846 8260B
	96	(70 - 130)	3.0	(0-20)	SW846 8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	88	(65 - 153)			SW846 8260B
	91	(65 - 153)	3.5	(0-20)	SW846 8260B
n-Butanol	86	(70 - 130)			SW846 8260B
	98	(70 - 130)	14	(0-20)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	110	(75 - 115)
	114	(75 - 115)
Toluene-d8	105	(90 - 114)
	108	(90 - 114)
4-Bromofluorobenzene	104	(86 - 117)
	109	(86 - 117)
Dibromofluoromethane	103	(81 - 110)
	106	(81 - 110)

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: I7L050202 Work Order #...: KECMH1AC-LCS Matrix.....: WATER
LCS Lot-Sample#: I7L180000-058 KECMH1AD-LCSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: I7L050202 Work Order #...: KECMH1AC-LCS Matrix.....: WATER
LCS Lot-Sample#: I7L180000-058 KECMH1AD-LCSD
Prep Date.....: 12/15/07 Analysis Date..: 12/15/07
Prep Batch #...: 7352058 Analysis Time..: 14:09
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Benzene	20.0	18.1	ug/L	90		SW846 8260B
	20.0	18.8	ug/L	94	3.7	SW846 8260B
Chlorobenzene	20.0	17.0	ug/L	85		SW846 8260B
	20.0	17.6	ug/L	88	3.8	SW846 8260B
1,1-Dichloroethene	20.0	17.5	ug/L	88		SW846 8260B
	20.0	18.2	ug/L	91	3.6	SW846 8260B
Toluene	20.0	18.3	ug/L	91		SW846 8260B
	20.0	18.9	ug/L	95	3.6	SW846 8260B
Trichloroethene	20.0	17.7	ug/L	88		SW846 8260B
	20.0	18.2	ug/L	91	2.7	SW846 8260B
Acetone	20.0	20.1	ug/L	100		SW846 8260B
	20.0	22.4	ug/L	112	11	SW846 8260B
Bromobenzene	20.0	17.1	ug/L	85		SW846 8260B
	20.0	17.8	ug/L	89	4.2	SW846 8260B
Bromodichloromethane	20.0	18.5	ug/L	93		SW846 8260B
	20.0	18.9	ug/L	95	2.2	SW846 8260B
Bromoform	20.0	15.3	ug/L	76		SW846 8260B
	20.0	16.0	ug/L	80	4.8	SW846 8260B
Bromomethane	20.0	29.2	ug/L	146		SW846 8260B
	20.0	30.0	ug/L	150	2.6	SW846 8260B
2-Butanone (MEK)	20.0	21.2	ug/L	106		SW846 8260B
	20.0	22.9	ug/L	115	7.7	SW846 8260B
n-Butylbenzene	20.0	16.5	ug/L	82		SW846 8260B
	20.0	17.3	ug/L	87	5.1	SW846 8260B
sec-Butylbenzene	20.0	17.4	ug/L	87		SW846 8260B
	20.0	18.0	ug/L	90	3.6	SW846 8260B
tert-Butylbenzene	20.0	18.9	ug/L	94		SW846 8260B
	20.0	19.8	ug/L	99	4.7	SW846 8260B
Carbon disulfide	20.0	19.1	ug/L	95		SW846 8260B
	20.0	19.8	ug/L	99	3.6	SW846 8260B
Carbon tetrachloride	20.0	19.7	ug/L	99		SW846 8260B
	20.0	20.1	ug/L	101	2.0	SW846 8260B
Chloroethane	20.0	20.2	ug/L	101		SW846 8260B
	20.0	21.1	ug/L	105	4.2	SW846 8260B
2-Chloroethyl vinyl ether	20.0	16.0	ug/L	80		SW846 8260B
	20.0	16.9	ug/L	85	5.8	SW846 8260B
Chloroform	20.0	19.1	ug/L	95		SW846 8260B
	20.0	19.6	ug/L	98	2.7	SW846 8260B
Chloromethane	20.0	19.5	ug/L	98		SW846 8260B
	20.0	20.8	ug/L	104	6.6	SW846 8260B

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: I7L050202 Work Order #...: KECMH1AC-LCS Matrix.....: WATER
LCS Lot-Sample#: I7L180000-058 KECMH1AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
2-Chlorotoluene	20.0	17.0	ug/L	85		SW846 8260B
	20.0	17.8	ug/L	89	4.4	SW846 8260B
4-Chlorotoluene	20.0	17.4	ug/L	87		SW846 8260B
	20.0	18.0	ug/L	90	3.2	SW846 8260B
Dibromochloromethane	20.0	17.4	ug/L	87		SW846 8260B
	20.0	18.2	ug/L	91	4.4	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	20.0	13.8	ug/L	69		SW846 8260B
	20.0	13.9	ug/L	70	0.86	SW846 8260B
1,2-Dibromoethane (EDB)	20.0	17.6	ug/L	88		SW846 8260B
	20.0	18.1	ug/L	91	3.0	SW846 8260B
Dibromomethane	20.0	16.8	ug/L	84		SW846 8260B
	20.0	17.3	ug/L	87	3.5	SW846 8260B
1,2-Dichlorobenzene	20.0	16.6	ug/L	83		SW846 8260B
	20.0	17.2	ug/L	86	3.6	SW846 8260B
1,3-Dichlorobenzene	20.0	16.8	ug/L	84		SW846 8260B
	20.0	17.3	ug/L	86	2.8	SW846 8260B
1,4-Dichlorobenzene	20.0	16.5	ug/L	83		SW846 8260B
	20.0	17.2	ug/L	86	3.8	SW846 8260B
Dichlorodifluoromethane	20.0	14.6	ug/L	73		SW846 8260B
	20.0	15.3	ug/L	76	4.6	SW846 8260B
1,1-Dichloroethane	20.0	20.2	ug/L	101		SW846 8260B
	20.0	20.8	ug/L	104	3.2	SW846 8260B
1,2-Dichloroethane	20.0	21.1	ug/L	106		SW846 8260B
	20.0	21.6	ug/L	108	2.1	SW846 8260B
cis-1,2-Dichloroethene	20.0	16.2	ug/L	81		SW846 8260B
	20.0	16.7	ug/L	84	3.4	SW846 8260B
trans-1,2-Dichloroethene	20.0	16.0	ug/L	80		SW846 8260B
	20.0	16.6	ug/L	83	3.7	SW846 8260B
1,2-Dichloropropane	20.0	19.3	ug/L	96		SW846 8260B
	20.0	20.0	ug/L	100	3.6	SW846 8260B
1,3-Dichloropropane	20.0	18.6	ug/L	93		SW846 8260B
	20.0	19.5	ug/L	98	4.7	SW846 8260B
2,2-Dichloropropane	20.0	20.2	ug/L	101		SW846 8260B
	20.0	20.9	ug/L	105	3.5	SW846 8260B
1,1-Dichloropropene	20.0	19.2	ug/L	96		SW846 8260B
	20.0	20.0	ug/L	100	4.3	SW846 8260B
cis-1,3-Dichloropropene	20.0	19.2	ug/L	96		SW846 8260B
	20.0	19.5	ug/L	98	1.8	SW846 8260B
trans-1,3-Dichloropropene	20.0	19.9	ug/L	100		SW846 8260B
	20.0	20.7	ug/L	104	4.1	SW846 8260B

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: I7L050202 Work Order #...: KECMH1AC-LCS Matrix.....: WATER
LCS Lot-Sample#: I7L180000-058 KECMH1AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Ethylbenzene	20.0	17.1	ug/L	85		SW846 8260B
	20.0	18.0	ug/L	90	5.4	SW846 8260B
Hexachlorobutadiene	20.0	15.8	ug/L	79		SW846 8260B
	20.0	16.6	ug/L	83	4.6	SW846 8260B
2-Hexanone	20.0	16.8	ug/L	84		SW846 8260B
	20.0	17.7	ug/L	89	5.1	SW846 8260B
Iodomethane	20.0	21.8	ug/L	109		SW846 8260B
	20.0	23.0	ug/L	115	5.3	SW846 8260B
Isopropylbenzene	20.0	17.8	ug/L	89		SW846 8260B
	20.0	18.7	ug/L	93	5.1	SW846 8260B
p-Isopropyltoluene	20.0	17.8	ug/L	89		SW846 8260B
	20.0	18.5	ug/L	92	3.8	SW846 8260B
4-Methyl-2-pentanone (MIBK)	20.0	17.3	ug/L	86		SW846 8260B
	20.0	18.2	ug/L	91	5.2	SW846 8260B
Methylene chloride	20.0	18.1	ug/L	90		SW846 8260B
	20.0	18.6	ug/L	93	3.1	SW846 8260B
n-Propylbenzene	20.0	16.7	ug/L	84		SW846 8260B
	20.0	17.8	ug/L	89	6.4	SW846 8260B
Styrene	20.0	18.2	ug/L	91		SW846 8260B
	20.0	19.1	ug/L	96	5.1	SW846 8260B
1,1,1,2-Tetrachloroethane	20.0	18.0	ug/L	90		SW846 8260B
	20.0	19.0	ug/L	95	5.5	SW846 8260B
1,1,2,2-Tetrachloroethane	20.0	16.7	ug/L	84		SW846 8260B
	20.0	17.5	ug/L	87	4.5	SW846 8260B
Tetrachloroethene	20.0	15.2	ug/L	76		SW846 8260B
	20.0	15.8	ug/L	79	3.6	SW846 8260B
1,2,4-Trichlorobenzene	20.0	15.0	ug/L	75		SW846 8260B
	20.0	15.5	ug/L	77	3.3	SW846 8260B
1,1,1-Trichloroethane	20.0	20.4	ug/L	102		SW846 8260B
	20.0	20.9	ug/L	105	2.8	SW846 8260B
1,1,2-Trichloroethane	20.0	17.8	ug/L	89		SW846 8260B
	20.0	18.5	ug/L	93	3.9	SW846 8260B
1,2,3-Trichloropropane	20.0	18.0	ug/L	90		SW846 8260B
	20.0	18.8	ug/L	94	4.2	SW846 8260B
Trichlorofluoromethane	20.0	18.4	ug/L	92		SW846 8260B
	20.0	19.0	ug/L	95	3.6	SW846 8260B
1,2,4-Trimethylbenzene	20.0	18.5	ug/L	92		SW846 8260B
	20.0	19.1	ug/L	95	3.0	SW846 8260B

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: I7L050202 Work Order #...: KECMH1AC-LCS Matrix.....: WATER
LCS Lot-Sample#: I7L180000-058 KECMH1AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
1,3,5-Trimethylbenzene	20.0	18.5	ug/L	92		SW846 8260B
	20.0	19.1	ug/L	95	3.1	SW846 8260B
Vinyl acetate	20.0	22.3	ug/L	111		SW846 8260B
	20.0	23.1	ug/L	116	3.8	SW846 8260B
Vinyl chloride	20.0	21.3	ug/L	107		SW846 8260B
	20.0	21.9	ug/L	110	2.9	SW846 8260B
Xylenes (total)	60.0	52.8	ug/L	88		SW846 8260B
	60.0	55.3	ug/L	92	4.5	SW846 8260B
Acrolein	100	98.7	ug/L	99		SW846 8260B
	100	105	ug/L	105	5.7	SW846 8260B
Acrylonitrile	100	104	ug/L	104		SW846 8260B
	100	108	ug/L	108	3.2	SW846 8260B
trans-1,4-Dichloro-2-butene	20.0	13.8	ug/L	69		SW846 8260B
	20.0	14.5	ug/L	73	5.2	SW846 8260B
1,2-Dichloroethene (total)	40.0	32.1	ug/L	80		SW846 8260B
	40.0	33.3	ug/L	83	3.6	SW846 8260B
Methyl tert-butyl ether (MTBE)	20.0	19.1	ug/L	95		SW846 8260B
	20.0	19.9	ug/L	100	4.3	SW846 8260B
Methyl acetate	50.0	55.5	ug/L	111		SW846 8260B
	50.0	58.4	ug/L	117	5.0	SW846 8260B
Methylcyclohexane	50.0	49.3	ug/L	99		SW846 8260B
	50.0	47.8	ug/L	96	3.0	SW846 8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	17.6	ug/L	88		SW846 8260B
	20.0	18.2	ug/L	91	3.5	SW846 8260B
n-Butanol	1000	858	ug/L	86		SW846 8260B
	1000	984	ug/L	98	14	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	110	(75 - 115)
	114	(75 - 115)
Toluene-d8	105	(90 - 114)
	108	(90 - 114)
4-Bromofluorobenzene	104	(86 - 117)
	109	(86 - 117)
Dibromofluoromethane	103	(81 - 110)
	106	(81 - 110)

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: I7L050202 Work Order #...: KECMH1AC-LCS Matrix.....: WATER
LCS Lot-Sample#: I7L180000-058 KECMH1AD-LCSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: I7L050202 Work Order #...: KDP1R1AC Matrix.....: WATER
LCS Lot-Sample#: I7L070000-534
Prep Date.....: 12/07/07 Analysis Date..: 12/12/07
Prep Batch #...: 7341534 Analysis Time..: 13:12
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Acenaphthene	69	(67 - 105)	SW846 8270C
Acenaphthylene	70	(65 - 106)	SW846 8270C
Acetophenone	73	(62 - 115)	SW846 8270C
Aniline	46	(26 - 111)	SW846 8270C
Anthracene	69	(60 - 108)	SW846 8270C
Benzidine	17	(1.0- 87)	SW846 8270C
Benzo(a)anthracene	73	(63 - 109)	SW846 8270C
Benzo(b)fluoranthene	71	(59 - 108)	SW846 8270C
Benzo(k)fluoranthene	69	(57 - 125)	SW846 8270C
Benzoic acid	40	(10 - 119)	SW846 8270C
Benzo(ghi)perylene	73	(55 - 124)	SW846 8270C
Benzo(a)pyrene	70	(64 - 104)	SW846 8270C
Benzyl alcohol	64	(57 - 122)	SW846 8270C
Biphenyl	69	(43 - 162)	SW846 8270C
bis(2-Chloroethoxy) methane	71	(56 - 112)	SW846 8270C
bis(2-Chloroethyl)-ether	64	(55 - 110)	SW846 8270C
bis(2-Chloroisopropyl) ether	64	(54 - 112)	SW846 8270C
bis(2-Ethylhexyl) phthalate	67	(10 - 174)	SW846 8270C
4-Bromophenyl phenyl ether	74	(60 - 116)	SW846 8270C
Butyl benzyl phthalate	62	(59 - 109)	SW846 8270C
4-Chloroaniline	72	(35 - 110)	SW846 8270C
4-Chloro-3-methylphenol	74	(64 - 105)	SW846 8270C
2-Chloronaphthalene	72	(62 - 112)	SW846 8270C
2-Chlorophenol	68	(61 - 106)	SW846 8270C
4-Chlorophenyl phenyl ether	75	(57 - 110)	SW846 8270C
Chrysene	62 a	(65 - 111)	SW846 8270C
Dibenz(a,h)anthracene	61	(60 - 118)	SW846 8270C
Dibenzofuran	74	(65 - 108)	SW846 8270C

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: I7L050202 Work Order #...: KDP1R1AC Matrix.....: WATER
LCS Lot-Sample#: I7L070000-534

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Di-n-butyl phthalate	66	(60 - 110)	SW846 8270C
3,3'-Dichlorobenzidine	61	(22 - 121)	SW846 8270C
2,4-Dichlorophenol	74	(64 - 106)	SW846 8270C
Diethyl phthalate	75	(61 - 108)	SW846 8270C
2,4-Dimethylphenol	65	(17 - 97)	SW846 8270C
Dimethyl phthalate	74	(65 - 105)	SW846 8270C
Di-n-octyl phthalate	64	(59 - 113)	SW846 8270C
4,6-Dinitro-2-methylphenol	61 a	(65 - 114)	SW846 8270C
2,4-Dinitrophenol	72	(46 - 115)	SW846 8270C
2,4-Dinitrotoluene	69	(55 - 113)	SW846 8270C
2,6-Dinitrotoluene	68	(61 - 106)	SW846 8270C
Fluoranthene	75	(65 - 112)	SW846 8270C
Fluorene	74	(66 - 106)	SW846 8270C
Hexachlorobenzene	74	(65 - 108)	SW846 8270C
Hexachlorocyclopentadiene	35	(1.0- 91)	SW846 8270C
Hexachloroethane	68	(56 - 112)	SW846 8270C
Indeno(1,2,3-cd)pyrene	74	(60 - 118)	SW846 8270C
Isophorone	70	(64 - 112)	SW846 8270C
2-Methylnaphthalene	77	(62 - 107)	SW846 8270C
2-Methylphenol	67	(57 - 106)	SW846 8270C
2-Nitroaniline	74	(58 - 113)	SW846 8270C
3-Nitroaniline	72	(43 - 124)	SW846 8270C
4-Nitroaniline	72	(48 - 130)	SW846 8270C
Nitrobenzene	71	(61 - 108)	SW846 8270C
2-Nitrophenol	71	(63 - 107)	SW846 8270C
4-Nitrophenol	63	(46 - 122)	SW846 8270C
N-Nitrosodimethylamine	66	(36 - 114)	SW846 8270C
N-Nitrosodi-n-propylamine	83	(53 - 113)	SW846 8270C
N-Nitrosodiphenylamine	60	(46 - 92)	SW846 8270C
Phenanthrene	70	(60 - 112)	SW846 8270C
Phenol	64	(54 - 124)	SW846 8270C
Pyrene	67	(64 - 108)	SW846 8270C
Pyridine	61	(18 - 126)	SW846 8270C
2,4,5-Trichlorophenol	61	(56 - 109)	SW846 8270C

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: I7L050202 Work Order #...: KDP1R1AC Matrix.....: WATER
LCS Lot-Sample#: I7L070000-534

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
2,4,6-Trichloro-phenol	69	(62 - 106)	SW846 8270C
Carbazole	74	(57 - 114)	SW846 8270C
1,2-Diphenylhydrazine (as Azobenzene)	74	(65 - 115)	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	79	(69 - 117)
2-Fluorobiphenyl	74	(63 - 117)
Terphenyl-d14	74	(65 - 106)
2-Fluorophenol	69	(59 - 113)
Phenol-d5	71	(62 - 121)
2,4,6-Tribromophenol	71	(67 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

a Spiked analyte recovery is outside stated control limits.

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: I7L050202 Work Order #...: KDP1R1AC Matrix.....: WATER
LCS Lot-Sample#: I7L070000-534
Prep Date.....: 12/07/07 Analysis Date..: 12/12/07
Prep Batch #...: 7341534 Analysis Time..: 13:12
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Acenaphthene	50.0	34.7	ug/L	69	SW846 8270C
Acenaphthylene	50.0	35.1	ug/L	70	SW846 8270C
Acetophenone	50.0	36.4	ug/L	73	SW846 8270C
Aniline	50.0	23.1	ug/L	46	SW846 8270C
Anthracene	50.0	34.5	ug/L	69	SW846 8270C
Benzidine	50.0	8.66	ug/L	17	SW846 8270C
Benzo(a)anthracene	50.0	36.4	ug/L	73	SW846 8270C
Benzo(b)fluoranthene	50.0	35.6	ug/L	71	SW846 8270C
Benzo(k)fluoranthene	50.0	34.6	ug/L	69	SW846 8270C
Benzoic acid	50.0	20.0	ug/L	40	SW846 8270C
Benzo(ghi)perylene	50.0	36.4	ug/L	73	SW846 8270C
Benzo(a)pyrene	50.0	34.9	ug/L	70	SW846 8270C
Benzyl alcohol	50.0	31.9	ug/L	64	SW846 8270C
Biphenyl	50.0	34.4	ug/L	69	SW846 8270C
bis(2-Chloroethoxy) methane	50.0	35.4	ug/L	71	SW846 8270C
bis(2-Chloroethyl)- ether	50.0	32.1	ug/L	64	SW846 8270C
bis(2-Chloroisopropyl) ether	50.0	31.9	ug/L	64	SW846 8270C
bis(2-Ethylhexyl) phthalate	50.0	33.7	ug/L	67	SW846 8270C
4-Bromophenyl phenyl ether	50.0	37.0	ug/L	74	SW846 8270C
Butyl benzyl phthalate	50.0	31.0	ug/L	62	SW846 8270C
4-Chloroaniline	50.0	36.2	ug/L	72	SW846 8270C
4-Chloro-3-methylphenol	50.0	37.1	ug/L	74	SW846 8270C
2-Chloronaphthalene	50.0	35.9	ug/L	72	SW846 8270C
2-Chlorophenol	50.0	34.0	ug/L	68	SW846 8270C
4-Chlorophenyl phenyl ether	50.0	37.6	ug/L	75	SW846 8270C
Chrysene	50.0	30.8 a	ug/L	62	SW846 8270C
Dibenz(a,h)anthracene	50.0	30.7	ug/L	61	SW846 8270C
Dibenzofuran	50.0	37.0	ug/L	74	SW846 8270C

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: I7L050202 Work Order #...: KDP1R1AC Matrix.....: WATER
LCS Lot-Sample#: I7L070000-534

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Di-n-butyl phthalate	50.0	33.2	ug/L	66	SW846 8270C
3,3'-Dichlorobenzidine	50.0	30.3	ug/L	61	SW846 8270C
2,4-Dichlorophenol	50.0	37.1	ug/L	74	SW846 8270C
Diethyl phthalate	50.0	37.5	ug/L	75	SW846 8270C
2,4-Dimethylphenol	50.0	32.5	ug/L	65	SW846 8270C
Dimethyl phthalate	50.0	37.2	ug/L	74	SW846 8270C
Di-n-octyl phthalate	50.0	31.9	ug/L	64	SW846 8270C
4,6-Dinitro-2-methylphenol	50.0	30.6 a	ug/L	61	SW846 8270C
2,4-Dinitrophenol	50.0	35.8	ug/L	72	SW846 8270C
2,4-Dinitrotoluene	50.0	34.5	ug/L	69	SW846 8270C
2,6-Dinitrotoluene	50.0	33.9	ug/L	68	SW846 8270C
Fluoranthene	50.0	37.6	ug/L	75	SW846 8270C
Fluorene	50.0	37.0	ug/L	74	SW846 8270C
Hexachlorobenzene	50.0	37.2	ug/L	74	SW846 8270C
Hexachlorocyclopentadiene	50.0	17.5	ug/L	35	SW846 8270C
Hexachloroethane	50.0	34.1	ug/L	68	SW846 8270C
Indeno(1,2,3-cd)pyrene	50.0	37.0	ug/L	74	SW846 8270C
Isophorone	50.0	34.8	ug/L	70	SW846 8270C
2-Methylnaphthalene	50.0	38.4	ug/L	77	SW846 8270C
2-Methylphenol	50.0	33.7	ug/L	67	SW846 8270C
2-Nitroaniline	50.0	37.0	ug/L	74	SW846 8270C
3-Nitroaniline	50.0	36.2	ug/L	72	SW846 8270C
4-Nitroaniline	50.0	35.8	ug/L	72	SW846 8270C
Nitrobenzene	50.0	35.3	ug/L	71	SW846 8270C
2-Nitrophenol	50.0	35.3	ug/L	71	SW846 8270C
4-Nitrophenol	50.0	31.6	ug/L	63	SW846 8270C
N-Nitrosodimethylamine	50.0	33.0	ug/L	66	SW846 8270C
N-Nitrosodi-n-propylamine	50.0	41.4	ug/L	83	SW846 8270C
N-Nitrosodiphenylamine	50.0	30.0	ug/L	60	SW846 8270C
Phenanthrene	50.0	34.9	ug/L	70	SW846 8270C
Phenol	50.0	31.9	ug/L	64	SW846 8270C
Pyrene	50.0	33.3	ug/L	67	SW846 8270C
Pyridine	50.0	30.3	ug/L	61	SW846 8270C
2,4,5-Trichlorophenol	50.0	30.4	ug/L	61	SW846 8270C

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: I7L050202 Work Order #...: KDP1R1AC Matrix.....: WATER
LCS Lot-Sample#: I7L070000-534

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
2,4,6-Trichloro-phenol	50.0	34.5	ug/L	69	SW846 8270C
Carbazole	50.0	37.2	ug/L	74	SW846 8270C
1,2-Diphenylhydrazine (as Azobenzene)	50.0	36.8	ug/L	74	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	79	(69 - 117)
2-Fluorobiphenyl	74	(63 - 117)
Terphenyl-d14	74	(65 - 106)
2-Fluorophenol	69	(59 - 113)
Phenol-d5	71	(62 - 121)
2,4,6-Tribromophenol	71	(67 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

a Spiked analyte recovery is outside stated control limits.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: I7L050202 Work Order #...: KDPL31AD-LCS Matrix.....: WATER
LCS Lot-Sample#: D7L070000-470 KDPL31AE-LCSD
Prep Date.....: 12/07/07 Analysis Date..: 12/14/07
Prep Batch #...: 7341470 Analysis Time..: 15:11
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
4,4'-DDT	90	(52 - 128)			SW846 8081A
	96	(52 - 128)	6.0	(0-50)	SW846 8081A
Aldrin	80	(46 - 119)			SW846 8081A
	87	(46 - 119)	8.4	(0-33)	SW846 8081A
Dieldrin	87	(71 - 121)			SW846 8081A
	92	(71 - 121)	6.0	(0-22)	SW846 8081A
Endrin	94	(59 - 133)			SW846 8081A
	98	(59 - 133)	4.9	(0-39)	SW846 8081A
gamma-BHC (Lindane)	87	(68 - 119)			SW846 8081A
	92	(68 - 119)	5.1	(0-26)	SW846 8081A
Heptachlor	84	(51 - 117)			SW846 8081A
	90	(51 - 117)	7.0	(0-27)	SW846 8081A

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	90	(53 - 127)
	97	(53 - 127)
Tetrachloro-m-xylene	70	(42 - 114)
	80	(42 - 114)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: I7L050202 Work Order #...: KDPL31AD-LCS Matrix.....: WATER
LCS Lot-Sample#: D7L070000-470 KDPL31AE-LCSD
Prep Date.....: 12/07/07 Analysis Date..: 12/14/07
Prep Batch #...: 7341470 Analysis Time..: 15:11
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
4,4'-DDT	0.500	0.450	ug/L	90		SW846 8081A
	0.500	0.478	ug/L	96	6.0	SW846 8081A
Aldrin	0.500	0.402	ug/L	80		SW846 8081A
	0.500	0.437	ug/L	87	8.4	SW846 8081A
Dieldrin	0.500	0.435	ug/L	87		SW846 8081A
	0.500	0.462	ug/L	92	6.0	SW846 8081A
Endrin	0.500	0.468	ug/L	94		SW846 8081A
	0.500	0.492	ug/L	98	4.9	SW846 8081A
gamma-BHC (Lindane)	0.500	0.436	ug/L	87		SW846 8081A
	0.500	0.459	ug/L	92	5.1	SW846 8081A
Heptachlor	0.500	0.418	ug/L	84		SW846 8081A
	0.500	0.448	ug/L	90	7.0	SW846 8081A

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	90	(53 - 127)
	97	(53 - 127)
Tetrachloro-m-xylene	70	(42 - 114)
	80	(42 - 114)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: I7L050202 Work Order #...: KDDP91AN-MS Matrix.....: WATER
MS Lot-Sample #: I7L040166-001 KDDP91AP-MSD
Date Sampled...: 12/03/07 11:15 Date Received..: 12/04/07
Prep Date.....: 12/15/07 Analysis Date..: 12/16/07
Prep Batch #...: 7352058 Analysis Time..: 00:15
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Benzene	105	(70 - 118)			SW846 8260B
	106	(70 - 118)	0.18	(0-20)	SW846 8260B
Chlorobenzene	95	(65 - 120)			SW846 8260B
	96	(65 - 120)	1.4	(0-20)	SW846 8260B
1,1-Dichloroethene	99	(71 - 125)			SW846 8260B
	102	(71 - 125)	3.2	(0-20)	SW846 8260B
Toluene	102	(76 - 120)			SW846 8260B
	103	(76 - 120)	1.2	(0-20)	SW846 8260B
Trichloroethene	98	(64 - 120)			SW846 8260B
	99	(64 - 120)	1.7	(0-20)	SW846 8260B
Acetone	114	(35 - 161)			SW846 8260B
	126	(35 - 161)	9.5	(0-20)	SW846 8260B
Bromobenzene	91	(63 - 126)			SW846 8260B
	95	(63 - 126)	5.0	(0-20)	SW846 8260B
Bromodichloromethane	112	(53 - 147)			SW846 8260B
	112	(53 - 147)	0.06	(0-20)	SW846 8260B
Bromoform	83	(33 - 151)			SW846 8260B
	90	(33 - 151)	8.5	(0-20)	SW846 8260B
Bromomethane	156	(38 - 163)			SW846 8260B
	174 a	(38 - 163)	11	(0-20)	SW846 8260B
2-Butanone (MEK)	134	(28 - 177)			SW846 8260B
	133	(28 - 177)	1.1	(0-20)	SW846 8260B
n-Butylbenzene	86	(55 - 156)			SW846 8260B
	87	(55 - 156)	1.2	(0-20)	SW846 8260B
sec-Butylbenzene	93	(57 - 153)			SW846 8260B
	95	(57 - 153)	1.8	(0-20)	SW846 8260B
tert-Butylbenzene	106	(65 - 139)			SW846 8260B
	108	(65 - 139)	2.4	(0-20)	SW846 8260B
Carbon disulfide	103	(64 - 128)			SW846 8260B
	106	(64 - 128)	2.7	(0-20)	SW846 8260B
Carbon tetrachloride	116	(55 - 139)			SW846 8260B
	116	(55 - 139)	0.58	(0-20)	SW846 8260B
Chloroethane	125	(62 - 130)			SW846 8260B
	123	(62 - 130)	1.2	(0-20)	SW846 8260B
2-Chloroethyl vinyl ether	NC	(10 - 122)			SW846 8260B
	NC	(10 - 122)		(0-20)	SW846 8260B
Chloroform	113	(69 - 128)			SW846 8260B
	113	(69 - 128)	0.28	(0-20)	SW846 8260B
Chloromethane	133	(57 - 148)			SW846 8260B
	136	(57 - 148)	1.8	(0-20)	SW846 8260B

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: I7L050202 Work Order #...: KDDP91AN-MS Matrix.....: WATER
MS Lot-Sample #: I7L040166-001 KDDP91AP-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
2-Chlorotoluene	92	(66 - 134)			SW846 8260B
	93	(66 - 134)	1.7	(0-20)	SW846 8260B
4-Chlorotoluene	93	(62 - 140)			SW846 8260B
	95	(62 - 140)	2.5	(0-20)	SW846 8260B
Dibromochloromethane	99	(55 - 128)			SW846 8260B
	102	(55 - 128)	3.9	(0-20)	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	77	(51 - 133)			SW846 8260B
	79	(51 - 133)	3.3	(0-40)	SW846 8260B
1,2-Dibromoethane (EDB)	99	(67 - 122)			SW846 8260B
	103	(67 - 122)	3.6	(0-20)	SW846 8260B
Dibromomethane	101	(64 - 124)			SW846 8260B
	103	(64 - 124)	1.8	(0-20)	SW846 8260B
1,2-Dichlorobenzene	90	(65 - 122)			SW846 8260B
	93	(65 - 122)	2.9	(0-20)	SW846 8260B
1,3-Dichlorobenzene	90	(69 - 120)			SW846 8260B
	92	(69 - 120)	2.2	(0-20)	SW846 8260B
1,4-Dichlorobenzene	89	(69 - 123)			SW846 8260B
	91	(69 - 123)	2.2	(0-20)	SW846 8260B
Dichlorodifluoromethane	122	(30 - 140)			SW846 8260B
	120	(30 - 140)	1.6	(0-20)	SW846 8260B
1,1-Dichloroethane	121	(75 - 126)			SW846 8260B
	121	(75 - 126)	0.17	(0-20)	SW846 8260B
1,2-Dichloroethane	131	(59 - 138)			SW846 8260B
	130	(59 - 138)	0.57	(0-20)	SW846 8260B
cis-1,2-Dichloroethene	91	(71 - 122)			SW846 8260B
	93	(71 - 122)	2.3	(0-20)	SW846 8260B
trans-1,2-Dichloroethene	88	(75 - 129)			SW846 8260B
	90	(75 - 129)	2.8	(0-20)	SW846 8260B
1,2-Dichloropropane	115	(74 - 118)			SW846 8260B
	115	(74 - 118)	0.18	(0-20)	SW846 8260B
1,3-Dichloropropane	109	(67 - 122)			SW846 8260B
	112	(67 - 122)	2.8	(0-20)	SW846 8260B
2,2-Dichloropropane	105	(71 - 151)			SW846 8260B
	107	(71 - 151)	1.5	(0-20)	SW846 8260B
1,1-Dichloropropene	113	(74 - 127)			SW846 8260B
	114	(74 - 127)	1.3	(0-20)	SW846 8260B
cis-1,3-Dichloropropene	105	(58 - 137)			SW846 8260B
	108	(58 - 137)	2.7	(0-20)	SW846 8260B
trans-1,3-Dichloropropene	113	(42 - 185)			SW846 8260B
	119	(42 - 185)	5.2	(0-20)	SW846 8260B

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: I7L050202 Work Order #...: KDDP91AN-MS Matrix.....: WATER
MS Lot-Sample #: I7L040166-001 KDDP91AP-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Ethylbenzene	94	(72 - 121)			SW846 8260B
	97	(72 - 121)	3.2	(0-20)	SW846 8260B
Hexachlorobutadiene	78	(71 - 135)			SW846 8260B
	83	(71 - 135)	5.6	(0-20)	SW846 8260B
2-Hexanone	103	(34 - 184)			SW846 8260B
	106	(34 - 184)	3.6	(0-20)	SW846 8260B
Iodomethane	109	(36 - 159)			SW846 8260B
	118	(36 - 159)	7.9	(0-20)	SW846 8260B
Isopropylbenzene	97	(69 - 124)			SW846 8260B
	101	(69 - 124)	3.9	(0-40)	SW846 8260B
p-Isopropyltoluene	95	(63 - 140)			SW846 8260B
	97	(63 - 140)	2.2	(0-20)	SW846 8260B
4-Methyl-2-pentanone (MIBK)	111	(38 - 171)			SW846 8260B
	113	(38 - 171)	1.7	(0-20)	SW846 8260B
Methylene chloride	104	(66 - 116)			SW846 8260B
	105	(66 - 116)	1.2	(0-20)	SW846 8260B
n-Propylbenzene	90	(57 - 142)			SW846 8260B
	94	(57 - 142)	3.8	(0-20)	SW846 8260B
Styrene	88	(69 - 120)			SW846 8260B
	89	(69 - 120)	0.40	(0-20)	SW846 8260B
1,1,1,2-Tetrachloroethane	101	(58 - 128)			SW846 8260B
	103	(58 - 128)	2.1	(0-40)	SW846 8260B
1,1,2,2-Tetrachloroethane	101	(54 - 129)			SW846 8260B
	104	(54 - 129)	2.9	(0-20)	SW846 8260B
Tetrachloroethene	79	(50 - 131)			SW846 8260B
	80	(50 - 131)	1.3	(0-20)	SW846 8260B
1,2,4-Trichloro-benzene	81	(54 - 144)			SW846 8260B
	86	(54 - 144)	6.4	(0-20)	SW846 8260B
1,1,1-Trichloroethane	121	(66 - 131)			SW846 8260B
	122	(66 - 131)	0.39	(0-20)	SW846 8260B
1,1,2-Trichloroethane	101	(62 - 127)			SW846 8260B
	104	(62 - 127)	3.5	(0-20)	SW846 8260B
1,2,3-Trichloropropane	108	(61 - 133)			SW846 8260B
	107	(61 - 133)	0.70	(0-20)	SW846 8260B
Trichlorofluoromethane	116	(60 - 129)			SW846 8260B
	116	(60 - 129)	0.14	(0-20)	SW846 8260B
1,2,4-Trimethylbenzene	102	(58 - 152)			SW846 8260B
	102	(58 - 152)	0.37	(0-20)	SW846 8260B

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: I7L050202 Work Order #...: KDDP91AN-MS Matrix.....: WATER
MS Lot-Sample #: I7L040166-001 KDDP91AP-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,3,5-Trimethylbenzene	100	(59 - 151)			SW846 8260B
	101	(59 - 151)	1.1	(0-20)	SW846 8260B
Vinyl acetate	102	(59 - 153)			SW846 8260B
	104	(59 - 153)	1.7	(0-20)	SW846 8260B
Vinyl chloride	145 a	(66 - 127)			SW846 8260B
	144 a	(66 - 127)	0.77	(0-20)	SW846 8260B
Xylenes (total)	97	(72 - 121)			SW846 8260B
	99	(72 - 121)	2.5	(0-20)	SW846 8260B
Acrolein	107	(19 - 217)			SW846 8260B
	113	(19 - 217)	5.5	(0-20)	SW846 8260B
Acrylonitrile	130	(55 - 163)			SW846 8260B
	132	(55 - 163)	2.1	(0-20)	SW846 8260B
trans-1,4-Dichloro-2-butene	67	(37 - 186)			SW846 8260B
	80	(37 - 186)	17	(0-20)	SW846 8260B
1,2-Dichloroethene (total)	89	(74 - 125)			SW846 8260B
	92	(74 - 125)	2.5	(0-20)	SW846 8260B
Methyl tert-butyl ether (MTBE)	110	(57 - 144)			SW846 8260B
	114	(57 - 144)	3.3	(0-20)	SW846 8260B
Methylcyclohexane	105	(70 - 130)			SW846 8260B
	105	(70 - 130)	0.42	(0-20)	SW846 8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	95	(65 - 153)			SW846 8260B
	97	(65 - 153)	1.8	(0-20)	SW846 8260B
n-Butanol	112	(70 - 130)			SW846 8260B
	120	(70 - 130)	6.8	(0-20)	SW846 8260B
Methyl acetate	105	(70 - 130)			SW846 8260B
	107	(70 - 130)	1.5	(0-20)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	121	(67 - 130)
	117	(67 - 130)
Toluene-d8	103	(83 - 115)
	102	(83 - 115)

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: I7L050202 Work Order #...: KDDP91AN-MS Matrix.....: WATER
MS Lot-Sample #: I7L040166-001 KDDP91AP-MSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
4-Bromofluorobenzene	104	(79 - 119)
	105	(79 - 119)
Dibromofluoromethane	104	(88 - 119)
	102	(88 - 119)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

a Spiked analyte recovery is outside stated control limits.

NC The recovery and/or RPD were not calculated.

2-Chloroethyl vinyl ether is susceptible to degradation in acid conditions. No quantitation is available.

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: I7L050202 Work Order #...: KDDP91AN-MS Matrix.....: WATER
MS Lot-Sample #: I7L040166-001 KDDP91AP-MSD
Date Sampled...: 12/03/07 11:15 Date Received..: 12/04/07
Prep Date.....: 12/15/07 Analysis Date..: 12/16/07
Prep Batch #...: 7352058 Analysis Time..: 00:15
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Benzene	ND	20.0	21.1	ug/L	105		SW846 8260B
	ND	20.0	21.1	ug/L	106	0.18	SW846 8260B
Chlorobenzene	ND	20.0	18.9	ug/L	95		SW846 8260B
	ND	20.0	19.2	ug/L	96	1.4	SW846 8260B
1,1-Dichloroethene	ND	20.0	19.8	ug/L	99		SW846 8260B
	ND	20.0	20.5	ug/L	102	3.2	SW846 8260B
Toluene	ND	20.0	20.4	ug/L	102		SW846 8260B
	ND	20.0	20.6	ug/L	103	1.2	SW846 8260B
Trichloroethene	ND	20.0	19.6	ug/L	98		SW846 8260B
	ND	20.0	19.9	ug/L	99	1.7	SW846 8260B
Acetone	1.9	20.0	24.6	ug/L	114		SW846 8260B
	1.9	20.0	27.1	ug/L	126	9.5	SW846 8260B
Bromobenzene	ND	20.0	18.1	ug/L	91		SW846 8260B
	ND	20.0	19.0	ug/L	95	5.0	SW846 8260B
Bromodichloromethane	ND	20.0	22.3	ug/L	112		SW846 8260B
	ND	20.0	22.3	ug/L	112	0.06	SW846 8260B
Bromoform	ND	20.0	16.5	ug/L	83		SW846 8260B
	ND	20.0	18.0	ug/L	90	8.5	SW846 8260B
Bromomethane	ND	20.0	31.2	ug/L	156		SW846 8260B
	ND	20.0	34.8	ug/L	174 a	11	SW846 8260B
2-Butanone (MEK)	ND	20.0	26.8	ug/L	134		SW846 8260B
	ND	20.0	26.5	ug/L	133	1.1	SW846 8260B
n-Butylbenzene	ND	20.0	17.1	ug/L	86		SW846 8260B
	ND	20.0	17.3	ug/L	87	1.2	SW846 8260B
sec-Butylbenzene	ND	20.0	18.7	ug/L	93		SW846 8260B
	ND	20.0	19.0	ug/L	95	1.8	SW846 8260B
tert-Butylbenzene	ND	20.0	21.1	ug/L	106		SW846 8260B
	ND	20.0	21.7	ug/L	108	2.4	SW846 8260B
Carbon disulfide	ND	20.0	20.7	ug/L	103		SW846 8260B
	ND	20.0	21.3	ug/L	106	2.7	SW846 8260B
Carbon tetrachloride	ND	20.0	23.1	ug/L	116		SW846 8260B
	ND	20.0	23.3	ug/L	116	0.58	SW846 8260B
Chloroethane	ND	20.0	24.9	ug/L	125		SW846 8260B
	ND	20.0	24.6	ug/L	123	1.2	SW846 8260B
2-Chloroethyl vinyl ether	ND	20.0	0.0	ug/L	NC		SW846 8260B
	ND	20.0	0.0	ug/L	NC		SW846 8260B
Chloroform	ND	20.0	22.6	ug/L	113		SW846 8260B
	ND	20.0	22.7	ug/L	113	0.28	SW846 8260B
Chloromethane	ND	20.0	26.7	ug/L	133		SW846 8260B
	ND	20.0	27.2	ug/L	136	1.8	SW846 8260B

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: I7L050202 Work Order #...: KDDP91AN-MS Matrix.....: WATER
MS Lot-Sample #: I7L040166-001 KDDP91AP-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
2-Chlorotoluene	ND	20.0	18.3	ug/L	92		SW846 8260B
	ND	20.0	18.7	ug/L	93	1.7	SW846 8260B
4-Chlorotoluene	ND	20.0	18.5	ug/L	93		SW846 8260B
	ND	20.0	19.0	ug/L	95	2.5	SW846 8260B
Dibromochloromethane	ND	20.0	19.7	ug/L	99		SW846 8260B
	ND	20.0	20.5	ug/L	102	3.9	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	ND	20.0	15.4	ug/L	77		SW846 8260B
	ND	20.0	15.9	ug/L	79	3.3	SW846 8260B
1,2-Dibromoethane (EDB)	ND	20.0	19.9	ug/L	99		SW846 8260B
	ND	20.0	20.6	ug/L	103	3.6	SW846 8260B
Dibromomethane	ND	20.0	20.2	ug/L	101		SW846 8260B
	ND	20.0	20.6	ug/L	103	1.8	SW846 8260B
1,2-Dichlorobenzene	ND	20.0	18.0	ug/L	90		SW846 8260B
	ND	20.0	18.5	ug/L	93	2.9	SW846 8260B
1,3-Dichlorobenzene	ND	20.0	17.9	ug/L	90		SW846 8260B
	ND	20.0	18.3	ug/L	92	2.2	SW846 8260B
1,4-Dichlorobenzene	ND	20.0	17.9	ug/L	89		SW846 8260B
	ND	20.0	18.3	ug/L	91	2.2	SW846 8260B
Dichlorodifluoromethane	ND	20.0	24.4	ug/L	122		SW846 8260B
	ND	20.0	24.0	ug/L	120	1.6	SW846 8260B
1,1-Dichloroethane	ND	20.0	24.2	ug/L	121		SW846 8260B
	ND	20.0	24.2	ug/L	121	0.17	SW846 8260B
1,2-Dichloroethane	ND	20.0	26.2	ug/L	131		SW846 8260B
	ND	20.0	26.1	ug/L	130	0.57	SW846 8260B
cis-1,2-Dichloroethene	ND	20.0	18.1	ug/L	91		SW846 8260B
	ND	20.0	18.5	ug/L	93	2.3	SW846 8260B
trans-1,2-Dichloroethene	ND	20.0	17.6	ug/L	88		SW846 8260B
	ND	20.0	18.1	ug/L	90	2.8	SW846 8260B
1,2-Dichloropropane	ND	20.0	23.0	ug/L	115		SW846 8260B
	ND	20.0	23.1	ug/L	115	0.18	SW846 8260B
1,3-Dichloropropane	ND	20.0	21.8	ug/L	109		SW846 8260B
	ND	20.0	22.4	ug/L	112	2.8	SW846 8260B
2,2-Dichloropropane	ND	20.0	21.1	ug/L	105		SW846 8260B
	ND	20.0	21.4	ug/L	107	1.5	SW846 8260B
1,1-Dichloropropene	ND	20.0	22.6	ug/L	113		SW846 8260B
	ND	20.0	22.9	ug/L	114	1.3	SW846 8260B
cis-1,3-Dichloropropene	ND	20.0	21.0	ug/L	105		SW846 8260B
	ND	20.0	21.6	ug/L	108	2.7	SW846 8260B
trans-1,3-Dichloropropene	ND	20.0	22.6	ug/L	113		SW846 8260B
	ND	20.0	23.8	ug/L	119	5.2	SW846 8260B

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: I7L050202 Work Order #...: KDDP91AN-MS Matrix.....: WATER
MS Lot-Sample #: I7L040166-001 KDDP91AP-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Ethylbenzene	ND	20.0	18.8	ug/L	94		SW846 8260B
	ND	20.0	19.4	ug/L	97	3.2	SW846 8260B
Hexachlorobutadiene	ND	20.0	15.6	ug/L	78		SW846 8260B
	ND	20.0	16.5	ug/L	83	5.6	SW846 8260B
2-Hexanone	ND	20.0	20.5	ug/L	103		SW846 8260B
	ND	20.0	21.3	ug/L	106	3.6	SW846 8260B
Iodomethane	ND	20.0	21.9	ug/L	109		SW846 8260B
	ND	20.0	23.7	ug/L	118	7.9	SW846 8260B
Isopropylbenzene	ND	20.0	19.5	ug/L	97		SW846 8260B
	ND	20.0	20.2	ug/L	101	3.9	SW846 8260B
p-Isopropyltoluene	ND	20.0	19.0	ug/L	95		SW846 8260B
	ND	20.0	19.4	ug/L	97	2.2	SW846 8260B
4-Methyl-2-pentanone (MIBK)	ND	20.0	22.2	ug/L	111		SW846 8260B
	ND	20.0	22.5	ug/L	113	1.7	SW846 8260B
Methylene chloride	ND	20.0	20.8	ug/L	104		SW846 8260B
	ND	20.0	21.1	ug/L	105	1.2	SW846 8260B
n-Propylbenzene	ND	20.0	18.0	ug/L	90		SW846 8260B
	ND	20.0	18.7	ug/L	94	3.8	SW846 8260B
Styrene	ND	20.0	17.7	ug/L	88		SW846 8260B
	ND	20.0	17.7	ug/L	89	0.40	SW846 8260B
1,1,1,2-Tetrachloroethane	ND	20.0	20.2	ug/L	101		SW846 8260B
	ND	20.0	20.7	ug/L	103	2.1	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	20.0	20.2	ug/L	101		SW846 8260B
	ND	20.0	20.8	ug/L	104	2.9	SW846 8260B
Tetrachloroethene	ND	20.0	15.9	ug/L	79		SW846 8260B
	ND	20.0	16.1	ug/L	80	1.3	SW846 8260B
1,2,4-Trichloro-benzene	ND	20.0	16.1	ug/L	81		SW846 8260B
	ND	20.0	17.2	ug/L	86	6.4	SW846 8260B
1,1,1-Trichloroethane	ND	20.0	24.3	ug/L	121		SW846 8260B
	ND	20.0	24.4	ug/L	122	0.39	SW846 8260B
1,1,2-Trichloroethane	ND	20.0	20.2	ug/L	101		SW846 8260B
	ND	20.0	20.9	ug/L	104	3.5	SW846 8260B
1,2,3-Trichloropropane	ND	20.0	21.5	ug/L	108		SW846 8260B
	ND	20.0	21.4	ug/L	107	0.70	SW846 8260B
Trichlorofluoromethane	ND	20.0	23.2	ug/L	116		SW846 8260B
	ND	20.0	23.2	ug/L	116	0.14	SW846 8260B
1,2,4-Trimethylbenzene	ND	20.0	20.3	ug/L	102		SW846 8260B
	ND	20.0	20.4	ug/L	102	0.37	SW846 8260B

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: I7L050202 Work Order #...: KDDP91AN-MS Matrix.....: WATER
MS Lot-Sample #: I7L040166-001 KDDP91AP-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,3,5-Trimethylbenzene	ND	20.0	20.0	ug/L	100		SW846 8260B
	ND	20.0	20.2	ug/L	101	1.1	SW846 8260B
Vinyl acetate	ND	20.0	20.4	ug/L	102		SW846 8260B
	ND	20.0	20.7	ug/L	104	1.7	SW846 8260B
Vinyl chloride	ND	20.0	29.0	ug/L	145 a		SW846 8260B
	ND	20.0	28.8	ug/L	144 a	0.77	SW846 8260B
Xylenes (total)	ND	60.0	58.2	ug/L	97		SW846 8260B
	ND	60.0	59.7	ug/L	99	2.5	SW846 8260B
Acrolein	ND	100	107	ug/L	107		SW846 8260B
	ND	100	113	ug/L	113	5.5	SW846 8260B
Acrylonitrile	ND	100	130	ug/L	130		SW846 8260B
	ND	100	132	ug/L	132	2.1	SW846 8260B
trans-1,4-Dichloro-2-butene	ND	20.0	13.4	ug/L	67		SW846 8260B
	ND	20.0	15.9	ug/L	80	17	SW846 8260B
1,2-Dichloroethene (total)	ND	40.0	35.7	ug/L	89		SW846 8260B
	ND	40.0	36.6	ug/L	92	2.5	SW846 8260B
Methyl tert-butyl ether (MTBE)	ND	20.0	22.0	ug/L	110		SW846 8260B
	ND	20.0	22.8	ug/L	114	3.3	SW846 8260B
Methylcyclohexane	ND	50.0	52.4	ug/L	105		SW846 8260B
	ND	50.0	52.6	ug/L	105	0.42	SW846 8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	20.0	19.1	ug/L	95		SW846 8260B
	ND	20.0	19.4	ug/L	97	1.8	SW846 8260B
n-Butanol	ND	1000	1120	ug/L	112		SW846 8260B
	ND	1000	1200	ug/L	120	6.8	SW846 8260B
Methyl acetate	ND	50.0	52.6	ug/L	105		SW846 8260B
	ND	50.0	53.4	ug/L	107	1.5	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	121	(67 - 130)
	117	(67 - 130)
Toluene-d8	103	(83 - 115)
	102	(83 - 115)

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: I7L050202 Work Order #...: KDDP91AN-MS Matrix.....: WATER
MS Lot-Sample #: I7L040166-001 KDDP91AP-MSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
4-Bromofluorobenzene	104	(79 - 119)
	105	(79 - 119)
Dibromofluoromethane	104	(88 - 119)
	102	(88 - 119)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

a Spiked analyte recovery is outside stated control limits.

NC The recovery and/or RPD were not calculated.

2-Chloroethyl vinyl ether is susceptible to degradation in acid conditions. No quantitation is available.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: I7L050202 Work Order #...: KDHN61AF-MS Matrix.....: WATER
MS Lot-Sample #: I7L050311-001 KDHN61AG-MSD
Date Sampled...: 12/04/07 07:00 Date Received..: 12/05/07
Prep Date.....: 12/07/07 Analysis Date..: 12/12/07
Prep Batch #...: 7341534 Analysis Time..: 13:53
Dilution Factor: 1.08

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Acenaphthene	65 a	(67 - 105)			SW846 8270C
	67	(67 - 105)	5.0	(0-30)	SW846 8270C
Acenaphthylene	67	(65 - 106)			SW846 8270C
	69	(65 - 106)	4.9	(0-30)	SW846 8270C
Acetophenone	73	(62 - 115)			SW846 8270C
	73	(62 - 115)	8.4	(0-30)	SW846 8270C
Aniline	13 a	(26 - 111)			SW846 8270C
	11 a	(26 - 111)	25	(0-30)	SW846 8270C
Anthracene	59 a	(60 - 108)			SW846 8270C
	58 a	(60 - 108)	9.5	(0-30)	SW846 8270C
Benzidine	0.0 a	(1.0- 87)			SW846 8270C
	0.0 a	(1.0- 87)	0.0	(0-30)	SW846 8270C
Benzo(a)anthracene	61 a	(63 - 109)			SW846 8270C
	61 a	(63 - 109)	8.5	(0-30)	SW846 8270C
Benzo(b)fluoranthene	65	(59 - 108)			SW846 8270C
	62	(59 - 108)	11	(0-30)	SW846 8270C
Benzo(k)fluoranthene	58	(57 - 125)			SW846 8270C
	56 a	(57 - 125)	12	(0-30)	SW846 8270C
Benzoic acid	64	(10 - 119)			SW846 8270C
	71	(10 - 119)	3.6	(0-30)	SW846 8270C
Benzo(ghi)perylene	63	(55 - 124)			SW846 8270C
	59	(55 - 124)	15	(0-30)	SW846 8270C
Benzo(a)pyrene	54 a	(64 - 104)			SW846 8270C
	50 a	(64 - 104)	16	(0-30)	SW846 8270C
Benzyl alcohol	64	(57 - 122)			SW846 8270C
	64	(57 - 122)	8.1	(0-30)	SW846 8270C
Biphenyl	69	(43 - 162)			SW846 8270C
	72	(43 - 162)	3.0	(0-30)	SW846 8270C
bis(2-Chloroethoxy) methane	72	(56 - 112)			SW846 8270C
	74	(56 - 112)	4.1	(0-30)	SW846 8270C
bis(2-Chloroethyl)-ether	67	(55 - 110)			SW846 8270C
	66	(55 - 110)	8.8	(0-30)	SW846 8270C
bis(2-Chloroisopropyl) ether	68	(54 - 112)			SW846 8270C
	67	(54 - 112)	8.5	(0-30)	SW846 8270C

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: I7L050202 Work Order #...: KDHN61AF-MS Matrix.....: WATER
MS Lot-Sample #: I7L050311-001 KDHN61AG-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
bis(2-Ethylhexyl) phthalate	52	(10 - 174)			SW846 8270C
	52	(10 - 174)	6.8	(0-30)	SW846 8270C
4-Bromophenyl phenyl ether	66	(60 - 116)			SW846 8270C
	66	(60 - 116)	8.8	(0-30)	SW846 8270C
Butyl benzyl phthalate	58 a	(59 - 109)			SW846 8270C
	55 a	(59 - 109)	13	(0-30)	SW846 8270C
4-Chloroaniline	9.8 a	(35 - 110)			SW846 8270C
	16 a,p	(35 - 110)	37	(0-30)	SW846 8270C
4-Chloro-3-methylphenol	71	(64 - 105)			SW846 8270C
	75	(64 - 105)	2.0	(0-30)	SW846 8270C
2-Chloronaphthalene	71	(62 - 112)			SW846 8270C
	66	(62 - 112)	14	(0-30)	SW846 8270C
2-Chlorophenol	69	(61 - 106)			SW846 8270C
	71	(61 - 106)	4.9	(0-30)	SW846 8270C
4-Chlorophenyl phenyl ether	70	(57 - 110)			SW846 8270C
	67	(57 - 110)	13	(0-30)	SW846 8270C
Chrysene	53 a	(65 - 111)			SW846 8270C
	51 a	(65 - 111)	12	(0-30)	SW846 8270C
Dibenz(a,h)anthracene	52 a	(60 - 118)			SW846 8270C
	51 a	(60 - 118)	10	(0-30)	SW846 8270C
Dibenzofuran	74	(65 - 108)			SW846 8270C
	75	(65 - 108)	6.6	(0-30)	SW846 8270C
Di-n-butyl phthalate	59 a	(60 - 110)			SW846 8270C
	60	(60 - 110)	6.6	(0-30)	SW846 8270C
3,3'-Dichlorobenzidine	2.4 a	(22 - 121)			SW846 8270C
	2.5 a	(22 - 121)	3.8	(0-30)	SW846 8270C
2,4-Dichlorophenol	73	(64 - 106)			SW846 8270C
	77	(64 - 106)	2.8	(0-30)	SW846 8270C
Diethyl phthalate	71	(61 - 108)			SW846 8270C
	72	(61 - 108)	5.9	(0-30)	SW846 8270C
2,4-Dimethylphenol	32	(17 - 97)			SW846 8270C
	28	(17 - 97)	20	(0-30)	SW846 8270C
Dimethyl phthalate	73	(65 - 105)			SW846 8270C
	72	(65 - 105)	9.5	(0-30)	SW846 8270C
Di-n-octyl phthalate	57 a	(59 - 113)			SW846 8270C
	55 a	(59 - 113)	12	(0-30)	SW846 8270C

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: I7L050202 Work Order #...: KDHN61AF-MS Matrix.....: WATER
MS Lot-Sample #: I7L050311-001 KDHN61AG-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
4,6-Dinitro-2-methylphenol	60 a	(65 - 114)			SW846 8270C
	66	(65 - 114)	1.3	(0-30)	SW846 8270C
2,4-Dinitrophenol	88	(46 - 115)			SW846 8270C
	90	(46 - 115)	4.9	(0-30)	SW846 8270C
2,4-Dinitrotoluene	68	(55 - 113)			SW846 8270C
	71	(55 - 113)	3.2	(0-30)	SW846 8270C
2,6-Dinitrotoluene	66	(61 - 106)			SW846 8270C
	69	(61 - 106)	3.4	(0-30)	SW846 8270C
Fluoranthene	65	(65 - 112)			SW846 8270C
	63 a	(65 - 112)	11	(0-30)	SW846 8270C
Fluorene	71	(66 - 106)			SW846 8270C
	68	(66 - 106)	12	(0-30)	SW846 8270C
Hexachlorobenzene	65	(65 - 108)			SW846 8270C
	62 a	(65 - 108)	13	(0-30)	SW846 8270C
Hexachlorocyclopenta-diene	40	(1.0- 91)			SW846 8270C
	39	(1.0- 91)	9.6	(0-30)	SW846 8270C
Hexachloroethane	72	(56 - 112)			SW846 8270C
	69	(56 - 112)	12	(0-30)	SW846 8270C
Indeno(1,2,3-cd)pyrene	62	(60 - 118)			SW846 8270C
	60	(60 - 118)	12	(0-30)	SW846 8270C
Isophorone	70	(64 - 112)			SW846 8270C
	72	(64 - 112)	5.0	(0-30)	SW846 8270C
2-Methylnaphthalene	75	(62 - 107)			SW846 8270C
	77	(62 - 107)	6.1	(0-30)	SW846 8270C
2-Methylphenol	70	(57 - 106)			SW846 8270C
	71	(57 - 106)	5.9	(0-30)	SW846 8270C
2-Nitroaniline	33 a	(58 - 113)			SW846 8270C
	37 a	(58 - 113)	1.8	(0-30)	SW846 8270C
3-Nitroaniline	18 a	(43 - 124)			SW846 8270C
	20 a	(43 - 124)	4.6	(0-30)	SW846 8270C
4-Nitroaniline	17 a	(48 - 130)			SW846 8270C
	23 a	(48 - 130)	23	(0-30)	SW846 8270C
Nitrobenzene	100	(61 - 108)			SW846 8270C
	102	(61 - 108)	5.8	(0-30)	SW846 8270C
2-Nitrophenol	80	(63 - 107)			SW846 8270C
	82	(63 - 107)	6.0	(0-30)	SW846 8270C
4-Nitrophenol	73	(46 - 122)			SW846 8270C
	85	(46 - 122)	6.7	(0-30)	SW846 8270C

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: I7L050202 Work Order #...: KDHN61AF-MS Matrix.....: WATER
MS Lot-Sample #: I7L050311-001 KDHN61AG-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
N-Nitrosodimethylamine	69	(36 - 114)			SW846 8270C
	66	(36 - 114)	12	(0-30)	SW846 8270C
N-Nitrosodi-n-propyl-amine	82	(53 - 113)			SW846 8270C
	83	(53 - 113)	5.7	(0-30)	SW846 8270C
N-Nitrosodiphenylamine	55	(46 - 92)			SW846 8270C
	56	(46 - 92)	4.8	(0-30)	SW846 8270C
Phenanthrene	62	(60 - 112)			SW846 8270C
	65	(60 - 112)	2.7	(0-30)	SW846 8270C
Phenol	73	(54 - 124)			SW846 8270C
	81	(54 - 124)	2.6	(0-30)	SW846 8270C
Pyrene	59 a	(64 - 108)			SW846 8270C
	56 a	(64 - 108)	13	(0-30)	SW846 8270C
Pyridine	63	(18 - 126)			SW846 8270C
	61	(18 - 126)	12	(0-30)	SW846 8270C
2,4,5-Trichloro-phenol	64	(56 - 109)			SW846 8270C
	65	(56 - 109)	5.8	(0-30)	SW846 8270C
2,4,6-Trichloro-phenol	75	(62 - 106)			SW846 8270C
	88	(62 - 106)	8.6	(0-30)	SW846 8270C
Carbazole	71	(57 - 114)			SW846 8270C
	75	(57 - 114)	2.3	(0-30)	SW846 8270C
1,2-Diphenylhydrazine (as Azobenzene)	69	(65 - 115)			SW846 8270C
	71	(65 - 115)	5.6	(0-30)	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	83	(52 - 114)
	87	(52 - 114)
2-Fluorobiphenyl	77	(58 - 116)
	81	(58 - 116)
Terphenyl-d14	77	(64 - 126)
	79	(64 - 126)
2-Fluorophenol	73	(44 - 114)
	73	(44 - 114)

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: I7L050202 Work Order #...: KDHN61AF-MS Matrix.....: WATER
MS Lot-Sample #: I7L050311-001 KDHN61AG-MSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Phenol-d5	72	(45 - 116)
	76	(45 - 116)
2,4,6-Tribromophenol	72	(51 - 130)
	78	(51 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

a Spiked analyte recovery is outside stated control limits.

p Relative percent difference (RPD) is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: I7L050202 Work Order #...: KDHN61AF-MS Matrix.....: WATER
MS Lot-Sample #: I7L050311-001 KDHN61AG-MSD
Date Sampled...: 12/04/07 07:00 Date Received..: 12/05/07
Prep Date.....: 12/07/07 Analysis Date..: 12/12/07
Prep Batch #...: 7341534 Analysis Time..: 13:53
Dilution Factor: 1.08

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Acenaphthene	ND	54.1	35.3	ug/L	65 a		SW846 8270C
	ND	50.0	33.5	ug/L	67	5.0	SW846 8270C
Acenaphthylene	ND	54.1	36.1	ug/L	67		SW846 8270C
	ND	50.0	34.4	ug/L	69	4.9	SW846 8270C
Acetophenone	ND	54.1	39.5	ug/L	73		SW846 8270C
	ND	50.0	36.3	ug/L	73	8.4	SW846 8270C
Aniline	ND	54.1	6.90	ug/L	13 a		SW846 8270C
	ND	50.0	5.38	ug/L	11 a	25	SW846 8270C
Anthracene	ND	54.1	31.9	ug/L	59 a		SW846 8270C
	ND	50.0	29.0	ug/L	58 a	9.5	SW846 8270C
Benzidine	ND	54.1	0.0	ug/L	0.0 a		SW846 8270C
	ND	50.0	0.0	ug/L	0.0 a	0.0	SW846 8270C
Benzo(a)anthracene	ND	54.1	33.0	ug/L	61 a		SW846 8270C
	ND	50.0	30.4	ug/L	61 a	8.5	SW846 8270C
Benzo(b)fluoranthene	ND	54.1	34.9	ug/L	65		SW846 8270C
	ND	50.0	31.2	ug/L	62	11	SW846 8270C
Benzo(k)fluoranthene	ND	54.1	31.3	ug/L	58		SW846 8270C
	ND	50.0	27.9	ug/L	56 a	12	SW846 8270C
Benzoic acid	ND	54.1	34.3	ug/L	64		SW846 8270C
	ND	50.0	35.6	ug/L	71	3.6	SW846 8270C
Benzo(ghi)perylene	ND	54.1	34.0	ug/L	63		SW846 8270C
	ND	50.0	29.4	ug/L	59	15	SW846 8270C
Benzo(a)pyrene	ND	54.1	29.4	ug/L	54 a		SW846 8270C
	ND	50.0	24.9	ug/L	50 a	16	SW846 8270C
Benzyl alcohol	ND	54.1	34.7	ug/L	64		SW846 8270C
	ND	50.0	32.0	ug/L	64	8.1	SW846 8270C
Biphenyl	ND	54.1	37.1	ug/L	69		SW846 8270C
	ND	50.0	36.0	ug/L	72	3.0	SW846 8270C
bis(2-Chloroethoxy) methane	ND	54.1	38.8	ug/L	72		SW846 8270C
	ND	50.0	37.2	ug/L	74	4.1	SW846 8270C
bis(2-Chloroethyl)-ether	ND	54.1	36.1	ug/L	67		SW846 8270C
	ND	50.0	33.1	ug/L	66	8.8	SW846 8270C
bis(2-Chloroisopropyl) ether	ND	54.1	36.6	ug/L	68		SW846 8270C
	ND	50.0	33.6	ug/L	67	8.5	SW846 8270C

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: I7L050202 Work Order #...: KDHN61AF-MS Matrix.....: WATER
MS Lot-Sample #: I7L050311-001 KDHN61AG-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
bis(2-Ethylhexyl) phthalate	3.7	54.1	31.7	ug/L	52		SW846 8270C
	3.7	50.0	29.6	ug/L	52	6.8	SW846 8270C
4-Bromophenyl phenyl ether	ND	54.1	35.9	ug/L	66		SW846 8270C
	ND	50.0	32.9	ug/L	66	8.8	SW846 8270C
Butyl benzyl phthalate	ND	54.1	31.4	ug/L	58 a		SW846 8270C
	ND	50.0	27.7	ug/L	55 a	13	SW846 8270C
4-Chloroaniline	ND	54.1	5.32	ug/L	9.8 a		SW846 8270C
	ND	50.0	7.75	ug/L	16 a,p	37	SW846 8270C
4-Chloro-3-methylphenol	ND	54.1	38.3	ug/L	71		SW846 8270C
	ND	50.0	37.5	ug/L	75	2.0	SW846 8270C
2-Chloronaphthalene	ND	54.1	38.2	ug/L	71		SW846 8270C
	ND	50.0	33.1	ug/L	66	14	SW846 8270C
2-Chlorophenol	ND	54.1	37.3	ug/L	69		SW846 8270C
	ND	50.0	35.5	ug/L	71	4.9	SW846 8270C
4-Chlorophenyl phenyl ether	ND	54.1	38.0	ug/L	70		SW846 8270C
	ND	50.0	33.3	ug/L	67	13	SW846 8270C
Chrysene	ND	54.1	28.6	ug/L	53 a		SW846 8270C
	ND	50.0	25.3	ug/L	51 a	12	SW846 8270C
Dibenz(a,h)anthracene	ND	54.1	28.3	ug/L	52 a		SW846 8270C
	ND	50.0	25.5	ug/L	51 a	10	SW846 8270C
Dibenzofuran	ND	54.1	40.3	ug/L	74		SW846 8270C
	ND	50.0	37.7	ug/L	75	6.6	SW846 8270C
Di-n-butyl phthalate	ND	54.1	32.1	ug/L	59 a		SW846 8270C
	ND	50.0	30.0	ug/L	60	6.6	SW846 8270C
3,3'-Dichlorobenzidine	ND	54.1		ug/L	2.4 a		SW846 8270C
	ND	50.0		ug/L	2.5 a	3.8	SW846 8270C
2,4-Dichlorophenol	ND	54.1	39.7	ug/L	73		SW846 8270C
	ND	50.0	38.6	ug/L	77	2.8	SW846 8270C
Diethyl phthalate	ND	54.1	38.2	ug/L	71		SW846 8270C
	ND	50.0	36.0	ug/L	72	5.9	SW846 8270C
2,4-Dimethylphenol	ND	54.1	17.1	ug/L	32		SW846 8270C
	ND	50.0	14.0	ug/L	28	20	SW846 8270C
Dimethyl phthalate	ND	54.1	39.5	ug/L	73		SW846 8270C
	ND	50.0	35.9	ug/L	72	9.5	SW846 8270C
Di-n-octyl phthalate	ND	54.1	30.7	ug/L	57 a		SW846 8270C
	ND	50.0	27.3	ug/L	55 a	12	SW846 8270C

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: I7L050202 Work Order #...: KDHN61AF-MS Matrix.....: WATER
MS Lot-Sample #: I7L050311-001 KDHN61AG-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
4,6-Dinitro-2-methylphenol	ND	54.1	32.6	ug/L	60 a		SW846 8270C
	ND	50.0	33.0	ug/L	66	1.3	SW846 8270C
2,4-Dinitrophenol	ND	54.1	47.5	ug/L	88		SW846 8270C
	ND	50.0	45.2	ug/L	90	4.9	SW846 8270C
2,4-Dinitrotoluene	ND	54.1	36.7	ug/L	68		SW846 8270C
	ND	50.0	35.5	ug/L	71	3.2	SW846 8270C
2,6-Dinitrotoluene	ND	54.1	35.7	ug/L	66		SW846 8270C
	ND	50.0	34.5	ug/L	69	3.4	SW846 8270C
Fluoranthene	ND	54.1	34.9	ug/L	65		SW846 8270C
	ND	50.0	31.4	ug/L	63 a	11	SW846 8270C
Fluorene	ND	54.1	38.5	ug/L	71		SW846 8270C
	ND	50.0	34.1	ug/L	68	12	SW846 8270C
Hexachlorobenzene	ND	54.1	35.3	ug/L	65		SW846 8270C
	ND	50.0	30.9	ug/L	62 a	13	SW846 8270C
Hexachlorocyclopenta-diene	ND	54.1	21.6	ug/L	40		SW846 8270C
	ND	50.0	19.6	ug/L	39	9.6	SW846 8270C
Hexachloroethane	ND	54.1	38.7	ug/L	72		SW846 8270C
	ND	50.0	34.4	ug/L	69	12	SW846 8270C
Indeno(1,2,3-cd)pyrene	ND	54.1	33.6	ug/L	62		SW846 8270C
	ND	50.0	29.8	ug/L	60	12	SW846 8270C
Isophorone	ND	54.1	37.7	ug/L	70		SW846 8270C
	ND	50.0	35.9	ug/L	72	5.0	SW846 8270C
2-Methylnaphthalene	ND	54.1	40.7	ug/L	75		SW846 8270C
	ND	50.0	38.3	ug/L	77	6.1	SW846 8270C
2-Methylphenol	ND	54.1	37.6	ug/L	70		SW846 8270C
	ND	50.0	35.5	ug/L	71	5.9	SW846 8270C
2-Nitroaniline	ND	54.1	18.0	ug/L	33 a		SW846 8270C
	ND	50.0	18.3	ug/L	37 a	1.8	SW846 8270C
3-Nitroaniline	ND	54.1	9.56	ug/L	18 a		SW846 8270C
	ND	50.0	10.0	ug/L	20 a	4.6	SW846 8270C
4-Nitroaniline	ND	54.1	8.95	ug/L	17 a		SW846 8270C
	ND	50.0	11.3	ug/L	23 a	23	SW846 8270C
Nitrobenzene	ND	54.1	53.9	ug/L	100		SW846 8270C
	ND	50.0	50.9	ug/L	102	5.8	SW846 8270C
2-Nitrophenol	ND	54.1	43.4	ug/L	80		SW846 8270C
	ND	50.0	40.8	ug/L	82	6.0	SW846 8270C
4-Nitrophenol	ND	54.1	39.6	ug/L	73		SW846 8270C
	ND	50.0	42.3	ug/L	85	6.7	SW846 8270C

(Continued on next page)

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: I7L050202 Work Order #...: KDHN61AF-MS Matrix.....: WATER
MS Lot-Sample #: I7L050311-001 KDHN61AG-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
N-Nitrosodimethylamine	ND	54.1	37.4	ug/L	69		SW846 8270C
	ND	50.0	33.2	ug/L	66	12	SW846 8270C
N-Nitrosodi-n-propyl-amine	ND	54.1	44.2	ug/L	82		SW846 8270C
	ND	50.0	41.7	ug/L	83	5.7	SW846 8270C
N-Nitrosodiphenylamine	ND	54.1	29.5	ug/L	55		SW846 8270C
	ND	50.0	28.1	ug/L	56	4.8	SW846 8270C
Phenanthrene	ND	54.1	33.5	ug/L	62		SW846 8270C
	ND	50.0	32.6	ug/L	65	2.7	SW846 8270C
Phenol	ND	54.1	39.6	ug/L	73		SW846 8270C
	ND	50.0	40.6	ug/L	81	2.6	SW846 8270C
Pyrene	ND	54.1	31.9	ug/L	59 a		SW846 8270C
	ND	50.0	28.1	ug/L	56 a	13	SW846 8270C
Pyridine	ND	54.1	34.8	ug/L	63		SW846 8270C
	ND	50.0	30.9	ug/L	61	12	SW846 8270C
2,4,5-Trichloro-phenol	ND	54.1	34.5	ug/L	64		SW846 8270C
	ND	50.0	32.6	ug/L	65	5.8	SW846 8270C
2,4,6-Trichloro-phenol	ND	54.1	40.4	ug/L	75		SW846 8270C
	ND	50.0	44.1	ug/L	88	8.6	SW846 8270C
Carbazole	ND	54.1	38.3	ug/L	71		SW846 8270C
	ND	50.0	37.5	ug/L	75	2.3	SW846 8270C
1,2-Diphenylhydrazine (as Azobenzene)	ND	54.1	37.3	ug/L	69		SW846 8270C
	ND	50.0	35.3	ug/L	71	5.6	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	83	(52 - 114)
	87	(52 - 114)
2-Fluorobiphenyl	77	(58 - 116)
	81	(58 - 116)
Terphenyl-d14	77	(64 - 126)
	79	(64 - 126)
2-Fluorophenol	73	(44 - 114)
	73	(44 - 114)

(Continued on next page)

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: I7L050202 Work Order #...: KDHN61AF-MS Matrix.....: WATER
MS Lot-Sample #: I7L050311-001 KDHN61AG-MSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Phenol-d5	72	(45 - 116)
	76	(45 - 116)
2,4,6-Tribromophenol	72	(51 - 130)
	78	(51 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

a Spiked analyte recovery is outside stated control limits.

p Relative percent difference (RPD) is outside stated control limits.

Report Attachment

The results included in this report have been reviewed for compliance with the laboratory QA/QC plan and meet all requirements of the NELAC standards. All data have been found to be compliant with laboratory protocol except as otherwise noted.

Note that if this report contains tests performed for the following methods, the associated method deviations are applicable.

EPA 410.4, COD: Laboratory uses different analytical wavelength as specified by instrument manufacturer.
EPA 340.2, Fluoride: Preliminary Bellack distillation not performed.
EPA 624: The laboratory uses a different desorb time and purge volume than stated in the method.
Iowa OA1: Benzene, toluene, ethylbenzene and xylenes (BTEX) are not analyzed along with the Gasoline Range Organics if client does not require BTEX.
EPA TO-12: Samples not analyzed in duplicate.
EPA TO-14A and TO-15: Zero humidified nitrogen is used in place of air for method blanks.

TRRP Reporting Requirements

If this package contains reports requiring TRRP (Texas Risk Reduction Program) reporting criteria, the following information applies.

The REPORTING LIMIT is equivalent to the TRRP acronym MQL (method quantitation limit).
The MDL is equivalent to the TRRP acronym SDL (sample detection limit).

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

CHAIN-OF-CUSTODY ADDENDUM

Lot No: 720502202

CHECKED/RECEIVED BY: KA

COC NUMBER:

DATE/TIME RECEIVED: 12/5/07 08:00

QUOTE/PROFILE: 74895

UNPACKED DATE/TIME: 12/5/07 10:15

Send 8081 to Denver

CLIENT/PROJECT: EA Eng.

SAMPLES LOGGED IN: cc

LOG-IN REVIEWED:

Number of Shipping Containers Received with Chain of Custody 1

VOC AIR / FILTER SAMPLES ☐ YES **SEE SECTIONS 1.0, 2.0, & 6.0**

1.0 CONTAINERS EXAMINED UPON RECEIPT: KA

Container Sealed: ☒ YES ☐ NO Custody Seal Signed/Dated: ☒ YES ☐ NO

Custody Seal Present: ☒ YES ☐ NO

If seal not intact list air bill number of that container(s):

2.0 VOC CANISTERS EXAMINED UPON RECEIPT:

Canister Valves Closed:	☐ YES ☐ NO	Samples Received Match Chain:	☐ YES ☐ NO
Canister Valves Capped:	☐ YES ☐ NO	Other Equipment Received:	☐ YES ☐ NO
Valve Cap Tightened Properly:	☐ YES ☐ NO	See Additional Comments (Section 5.0 and / or 7.0)	☐ YES ☐ NO
Packing Material Used: (circle)		Chain-of-Custody form properly maintained:	☐ YES ☐ NO
None / Absorbent / Paper / Bubble Wrap		Can Size: ☐ 6L ☐ 15L Other	

3.0 SAMPLE TEMPERATURE UPON RECEIPT BY: KA **IR THERMOMETER #:** ☐ P4 ☒ P5

Temperature of the container(s):

Circle selection: TB = Temp. Blank and/or SC = Sample Container CF = Correction Factor *[acceptable tolerance 4°C ± 2°]*

TB ☐ SC ☒	TB ☐ SC ☐	TB ☐ SC ☐	TB ☐ SC ☐	TB ☐ SC ☐	TB ☐ SC ☐	TB ☐ SC ☐	TB ☐ SC ☐
Initial 4.0	Initial	Initial	Initial	Initial	Initial	Initial	Initial
CF 0.0	CF	CF	CF	CF	CF	CF	CF
Final 4.0	Final	Final	Final	Final	Final	Final	Final

If temperature is outside acceptable tolerance, Project Manager was notified (_____PM). Date: _____ Time: _____

Samples received do not require cooling _____ OK to analyze samples: ☒ YES ☐ NO

PRESERVATION OF SAMPLES REQUIRED: ☐ NA ☒ YES ☒ VOA Samples **VERIFIED BY:** KA

NOTE: pH CHECK OF SAMPLES FOR 1664A ANALYSIS CHECK AT TIME OF ANALYSIS BY BENCH ANALYST pH CHECK OF VOLATILE SAMPLES PERFORMED AFTER ANALYSIS BY THE BENCH ANALYST.

Base samples are>pH 12:	☐ YES ☐ NO	Acid preserved are<pH 2:	☒ YES ☐ NO
Cyanide samples checked for sulfides:	☐ YES	Sulfide samples appear to be preserved with zinc acetate:	☐ YES ☐ NO
Samples checked for chlorine per specification (N.C.)	☐ YES	Free chlorine present:	☐ YES ☐ NO

If sample preservation is outside acceptable tolerance, Project Manager was notified (_____PM)

Date: _____ Time: _____ ☐ see pH adjustment form

VOLATILE SAMPLES FILLED COMPLETELY, IF NOT, LIST ID AND HEADSPACE OF VOA's CONTAINING BUBBLES EXCEEDING 6MM IN DIAMETER:

Sample ID	mm Headspace

Sample ID	mm Headspace

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

CHAIN–OF–CUSTODY ADDENDUM

Lot No: I7L050207

4.0 CONDITION OF BOTTLES/CONTAINERS

VERIFIED BY: VA

Samples received match COC:	☑ YES	☐ NO	Bottles received intact:	☑ YES	☐ NO
See additional discrepancies/comments section:	☐ YES	☑ NO	Samples received from USDA restricted area:	☐ YES	☑ NO
Chain-of-Custody form properly maintained:	☑ YES	☐ NO	VOA trip blanks included:	☐ YES ☐ NO	☑ N/A

5.0 ADDITIONAL DISCREPANCIES

Appears on COC		Appears on Label		
Sample ID	Date/Time	Sample ID	Date/Time	Comments

6.0 SHIPPING DOCUMENTATION:

Air/freight bill is available and attached to COC: ☑ YES ☐ NO Air bill #: _____

Hand-delivered Carrier: _____ Date: _____ Time: _____

7.0 OTHER COMMENTS:

Received 4x40mL HCl, 3x1L UP.

CORRECTIVE ACTION:

Client's Name: _____ Informed verbally on: _____ By: _____

Client's Name: _____ Informed verbally on: _____ By: _____

Sample(s) processed "as is" comments: _____

Samples(s) on hold until: _____ If released, notify: _____

REVIEW:

Project Management: Neal Soldan Date: 12/6/07

SIGNED ORIGINAL MUST BE RETAINED IN THE PROJECT FILE

Chain of Custody Record

I7L050202

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TAL-4149 (1007)

Client: EA Engineering	Project Manager: Luis Vega	Date: 12/03/07	Page 1 of 1
Address: 6650 W. Sam Houston Pkwy N #420	Telephone Number (Area Code)/Fax Number: 972-459-5040	Lab Location: Austin	Analysis
City: Houston, TX; State: ; Zip Code: 77040	Site Contact:		
Project Number/Name: 1434206 Gulfo Marine	Carrier/Waybill Number:		
Contract/Purchase Order/Quote Number:			

Sample I.D. Number and Description	Date	Time	Sample Type	Containers Volume	Containers Type	Containers No.	Preservative	Condition on Receipt/Comments	Organic Pest 8081A	SVOC's 8260B	VOC 8270C
NE3 MW-30B	12/03/07	13:40	H_2O	VOA/1L AMBER		8	HCL/NONE	4.0 Cut 12/5/07 Sen COC Add	X	X	X

Special Instructions:

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required: ☐ Normal ☐ Rush ☐ Other _____

QC Level: ☐ I. ☐ II. ☐ III.

Project Specific Requirements (Specify):

	Date	Time		Date	Time
1. Relinquished By: [signature]	12/03/07	16:45	1. Received By: [signature]	12/5/07	0800
2. Relinquished By:			2. Received By:		
3. Relinquished By:			3. Received By:		

Comments:

DISTRIBUTION: WHITE - Stays with the Sample. CANARY - Returned to Client with Report. PINK - Field Copy

65/65

11130

Chain of Custody Record

I7L050202

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

TAL-4149 (1007)

Client: EA Engineering	Project Manager: Luis Vega	Date: 12/03/07	Page 1 of 1
Address: 6650 W. Sam Houston Pkwy N #420	Telephone Number (Area Code)/Fax Number: 972-459-5040	Lab Location: Austin	
City: Houston, TX; State: ; Zip Code: 77040	Site Contact:		
Project Number/Name: 1434206 Gulfu Marine	Carrier/Waybill Number:		
Contract/Purchase Order/Quote Number:			

Analysis

Sample I.D. Number and Description	Date	Time	Sample Type	Containers Volume	Containers Type	Containers No.	Preservative	Condition on Receipt/Comments	Organic Pest 8081A	SVOC's 8260B	VOC 8270C
NE3 MW-30B	12/03/07	13:40	H_2O	VOA/1L Amber		8	HCL/None	H.O Vol 12/5/07 Sen COC Add	X	X	X

Special Instructions

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required: ☐ Normal ☐ Rush ☐ Other _____

QC Level: ☐ I. ☐ II. ☐ III.

Project Specific Requirements (Specify):

	Date	Time		Date	Time
1. Relinquished By: [signature]	12/03/07	16:45	1. Received By: [signature]	12/5/07	0800
2. Relinquished By:			2. Received By:		
3. Relinquished By:			3. Received By:		

Comments

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

Supporting Documentation

Lot Number I7L050202

(Note: A one-page "Description of Supporting Documentation" is provided at the beginning of each section.)

Check below when supporting documentation is present.

GC/MS Volatile	✓
GC/MS Semivolatile	✓
GC Volatile	
GC Semivolatile	
Metals	
General Chemistry	

Sub share work TestAmerica Denver

GC/MS VOLATILES

CLP-Like Forms I - IV

Forms V, VI, VII and VIII can be found in the QC & Sample Data by Batch

Form VI can also be found in the Calibration Section

EA Engineering, Science and Technology

Lab Name: TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) WATER Lab Sample ID: I7L040166 001
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 15 / mL Date Received: 12/04/07
Work Order: KDDP91AD Date Extracted: 12/15/07
Dilution factor: 1 Date Analyzed: 12/15/07
Moisture %: NA

QC Batch: 7352058

Client Sample Id: INTRA-LAB QC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
67-64-1	**Acetone**	**1.9**	**J**
75-05-8	Acetonitrile	25	U
107-02-8	Acrolein	100	U
107-13-1	Acrylonitrile	10	U
71-43-2	Benzene	2.0	U
108-86-1	Bromobenzene	1.0	U
74-97-5	Bromochloromethane	2.0	U
75-27-4	Bromodichloromethane	2.0	U
75-25-2	Bromoform	2.0	U
74-83-9	Bromomethane	2.0	U
104-51-8	n-Butylbenzene	1.0	U
135-98-8	sec-Butylbenzene	1.0	U
98-06-6	tert-Butylbenzene	1.0	U
75-15-0	Carbon disulfide	2.0	U
56-23-5	Carbon tetrachloride	2.0	U
108-90-7	Chlorobenzene	2.0	U
126-99-8	2-Chloro-1,3-butadiene	1.0	U
124-48-1	Dibromochloromethane	1.0	U
75-00-3	Chloroethane	2.0	U
110-75-8	2-Chloroethyl vinyl ether	--	U
67-66-3	Chloroform	2.0	U
74-87-3	Chloromethane	2.0	U
107-05-1	3-Chloropropene	1.0	U
95-49-8	2-Chlorotoluene	1.0	U
106-43-4	4-Chlorotoluene	1.0	U
74-95-3	Dibromomethane	2.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U

EA Engineering, Science and Technology

Lab Name: TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) WATER Lab Sample ID: I7L040166 001
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 15 / mL Date Received: 12/04/07
Work Order: KDDP91AD Date Extracted: 12/15/07
Dilution factor: 1 Date Analyzed: 12/15/07
Moisture %: NA

QC Batch: 7352058

Client Sample Id: INTRA-LAB QC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
106-46-7	1,4-Dichlorobenzene	1.0	U
110-57-6	trans-1,4-Dichloro-2-butene	5.0	U
75-71-8	Dichlorodifluoromethane	2.0	U
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-59-2	cis-1,2-Dichloroethene	2.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
540-59-0	1,2-Dichloroethene (total)	2.0	U
78-87-5	1,2-Dichloropropane	1.0	U
142-28-9	1,3-Dichloropropane	1.0	U
594-20-7	2,2-Dichloropropane	1.0	U
563-58-6	1,1-Dichloropropene	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	2.0	U
97-63-2	Ethyl methacrylate	1.0	U
75-69-4	Trichlorofluoromethane	2.0	U
87-68-3	Hexachlorobutadiene	1.0	U
591-78-6	2-Hexanone	5.0	U
74-88-4	Iodomethane	2.0	U
78-83-1	Isobutyl alcohol	100	U
98-82-8	Isopropylbenzene	1.0	U
99-87-6	p-Isopropyltoluene	1.0	U
126-98-7	Methacrylonitrile	2.5	U
79-20-9	Methyl acetate	5.0	U
108-87-2	Methylcyclohexane	5.0	U
75-09-2	Methylene chloride	2.0	U

EA Engineering, Science and Technology

Lab Name:TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) WG Lab Sample ID:I7L050202 001
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 15 / mL Date Received: 12/05/07
Work Order: KDG1R1AA Date Extracted:12/15/07
Dilution factor: 10000 Date Analyzed: 12/15/07
Moisture %:

QC Batch: 7352058

Client Sample Id: NE3 MW-30B

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
67-64-1	Acetone	50000	U
107-02-8	Acrolein	100000	U
107-13-1	Acrylonitrile	100000	U
71-43-2	Benzene	10000	U
108-86-1	Bromobenzene	10000	U
75-27-4	Bromodichloromethane	10000	U
75-25-2	Bromoform	20000	U
74-83-9	Bromomethane	20000	U
104-51-8	n-Butylbenzene	10000	U
135-98-8	sec-Butylbenzene	10000	U
98-06-6	tert-Butylbenzene	10000	U
75-15-0	Carbon disulfide	10000	U
56-23-5	**Carbon tetrachloride**	**7500**	**J**
108-90-7	Chlorobenzene	10000	U
124-48-1	Dibromochloromethane	10000	U
75-00-3	Chloroethane	20000	U
110-75-8	2-Chloroethyl vinyl ether		U
67-66-3	Chloroform	10000	U
74-87-3	Chloromethane	20000	U
95-49-8	2-Chlorotoluene	10000	U
106-43-4	4-Chlorotoluene	10000	U
74-95-3	Dibromomethane	10000	U
95-50-1	1,2-Dichlorobenzene	10000	U
541-73-1	1,3-Dichlorobenzene	10000	U
106-46-7	1,4-Dichlorobenzene	10000	U
110-57-6	trans-1,4-Dichloro-2-butene	50000	U
75-71-8	Dichlorodifluoromethane	20000	U
75-34-3	**1,1-Dichloroethane**	**29000**	

EA Engineering, Science and Technology

Lab Name:TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) WG Lab Sample ID:I7L050202 001
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 15 / mL Date Received: 12/05/07
Work Order: KDG1R1AA Date Extracted:12/15/07
Dilution factor: 10000 Date Analyzed: 12/15/07
Moisture %:

QC Batch: 7352058

Client Sample Id: NE3 MW-30B

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
107-06-2	**1,2-Dichloroethane**	**200000**	
75-35-4	**1,1-Dichloroethene**	**7000**	**J**
156-59-2	cis-1,2-Dichloroethene	10000	U
156-60-5	trans-1,2-Dichloroethene	10000	U
540-59-0	1,2-Dichloroethene (total)	20000	U
78-87-5	**1,2-Dichloropropane**	**4300**	**J**
142-28-9	1,3-Dichloropropane	10000	U
594-20-7	2,2-Dichloropropane	10000	U
563-58-6	1,1-Dichloropropene	10000	U
10061-01-5	cis-1,3-Dichloropropene	10000	U
10061-02-6	trans-1,3-Dichloropropene	10000	U
100-41-4	Ethylbenzene	10000	U
75-69-4	Trichlorofluoromethane	20000	U
87-68-3	Hexachlorobutadiene	10000	U
591-78-6	2-Hexanone	50000	U
74-88-4	Iodomethane	10000	U
98-82-8	Isopropylbenzene	10000	U
99-87-6	p-Isopropyltoluene	10000	U
79-20-9	Methyl acetate	50000	U
108-87-2	Methylcyclohexane	50000	U
75-09-2	**Methylene chloride**	**640000**	
103-65-1	n-Propylbenzene	10000	U
100-42-5	Styrene	10000	U
630-20-6	1,1,1,2-Tetrachloroethane	10000	U
79-34-5	1,1,2,2-Tetrachloroethane	10000	U
127-18-4	**Tetrachloroethene**	**17000**	
108-88-3	Toluene	10000	U
120-82-1	1,2,4-Trichlorobenzene	10000	U

EA Engineering, Science and Technology

Lab Name: TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) WG Lab Sample ID: I7L050202 001
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 15 / mL Date Received: 12/05/07
Work Order: KDG1R1AA Date Extracted: 12/15/07
Dilution factor: 10000 Date Analyzed: 12/15/07
Moisture %:

QC Batch: 7352058

Client Sample Id: NE3 MW-30B

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
71-55-6	**1,1,1-Trichloroethane**	**55000**	
79-00-5	1,1,2-Trichloroethane	10000	U
79-01-6	**Trichloroethene**	**130000**	
96-18-4	**1,2,3-Trichloropropane**	**60000**	
76-13-1	1,1,2-Trichloro-1,2,2-triflu	10000	U
95-63-6	1,2,4-Trimethylbenzene	10000	U
108-67-8	1,3,5-Trimethylbenzene	10000	U
108-05-4	Vinyl acetate	20000	U
75-01-4	Vinyl chloride	20000	U
1330-20-7	Xylenes (total)	30000	U
71-36-3	n-Butanol	2500000	U
96-12-8	1,2-Dibromo-3-chloropropane	50000	U
106-93-4	1,2-Dibromoethane (EDB)	10000	U
78-93-3	2-Butanone (MEK)	50000	U
108-10-1	4-Methyl-2-pentanone (MIBK)	50000	U
1634-04-4	Methyl tert-butyl ether (MTB	10000	U

SURROGATE RECOVERY	%	ACCEPTABLE LIMITS
1,2-Dichloroethane-d4	111	(67 - 130)
Toluene-d8	96	(83 - 115)
4-Bromofluorobenzene	92	(79 - 119)
Dibromofluoromethane	97	(88 - 119)

EA Engineering, Science and Technology
METHOD BLANK COMPOUNDS

Lab Name:TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) WATER Lab Sample ID:I7L180000 058
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 15 / mL Date Received: 12/04/07
Work Order: KECMH1AA Date Extracted:12/15/07
Dilution factor: 1 Date Analyzed: 12/15/07
Moisture %:NA

QC Batch: 7352058

Client Sample Id: INTRA-LAB BLANK

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
67-64-1	Acetone	5.0	U
107-02-8	Acrolein	10	U
107-13-1	Acrylonitrile	10	U
71-43-2	Benzene	1.0	U
108-86-1	Bromobenzene	1.0	U
75-27-4	Bromodichloromethane	1.0	U
75-25-2	Bromoform	2.0	U
74-83-9	Bromomethane	2.0	U
104-51-8	n-Butylbenzene	1.0	U
135-98-8	sec-Butylbenzene	1.0	U
98-06-6	tert-Butylbenzene	1.0	U
75-15-0	Carbon disulfide	1.0	U
56-23-5	Carbon tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
124-48-1	Dibromochloromethane	1.0	U
75-00-3	Chloroethane	2.0	U
110-75-8	2-Chloroethyl vinyl ether		U
67-66-3	Chloroform	1.0	U
74-87-3	Chloromethane	2.0	U
95-49-8	2-Chlorotoluene	1.0	U
106-43-4	4-Chlorotoluene	1.0	U
74-95-3	Dibromomethane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U
110-57-6	trans-1,4-Dichloro-2-butene	5.0	U
75-71-8	Dichlorodifluoromethane	2.0	U
75-34-3	1,1-Dichloroethane	1.0	U

EA Engineering, Science and Technology
METHOD BLANK COMPOUNDS

Lab Name: TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) WATER Lab Sample ID: I7L180000 058
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 15 / mL Date Received: 12/04/07
Work Order: KECMH1AA Date Extracted: 12/15/07
Dilution factor: 1 Date Analyzed: 12/15/07
Moisture %: NA

QC Batch: 7352058

Client Sample Id: INTRA-LAB BLANK

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-59-2	cis-1,2-Dichloroethene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
540-59-0	1,2-Dichloroethene (total)	2.0	U
78-87-5	1,2-Dichloropropane	1.0	U
142-28-9	1,3-Dichloropropane	1.0	U
594-20-7	2,2-Dichloropropane	1.0	U
563-58-6	1,1-Dichloropropene	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	1.0	U
75-69-4	Trichlorofluoromethane	2.0	U
87-68-3	Hexachlorobutadiene	1.0	U
591-78-6	2-Hexanone	5.0	U
74-88-4	Iodomethane	1.0	U
98-82-8	Isopropylbenzene	1.0	U
99-87-6	p-Isopropyltoluene	1.0	U
79-20-9	Methyl acetate	5.0	U
108-87-2	Methylcyclohexane	5.0	U
75-09-2	Methylene chloride	1.0	U
103-65-1	n-Propylbenzene	1.0	U
100-42-5	Styrene	1.0	U
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U

EA Engineering, Science and Technology
METHOD BLANK COMPOUNDS

Lab Name:TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) WATER Lab Sample ID:I7L180000 058
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 15 / mL Date Received: 12/04/07
Work Order: KECMH1AA Date Extracted:12/15/07
Dilution factor: 1 Date Analyzed: 12/15/07
Moisture %:NA

QC Batch: 7352058

Client Sample Id: INTRA-LAB BLANK

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
79-01-6	Trichloroethene	1.0	U
96-18-4	1,2,3-Trichloropropane	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-triflu	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1.0	U
108-05-4	Vinyl acetate	2.0	U
75-01-4	Vinyl chloride	2.0	U
1330-20-7	Xylenes (total)	3.0	U
71-36-3	n-Butanol	250	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
106-93-4	1,2-Dibromoethane (EDB)	1.0	U
78-93-3	2-Butanone (MEK)	5.0	U
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U
1634-04-4	Methyl tert-butyl ether (MTB	1.0	U

SURROGATE RECOVERY	%	ACCEPTABLE LIMITS
1,2-Dichloroethane-d4	106	(67 - 130)
Toluene-d8	96	(83 - 115)
4-Bromofluorobenzene	94	(79 - 119)
Dibromofluoromethane	92	(88 - 119)

EA Engineering, Science and Technology
CHECK SAMPLE COMPOUNDS

Lab Name:TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) WATER Lab Sample ID:I7L180000 058
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 15 / mL Date Received: 12/04/07
Work Order: KECMH1AC Date Extracted:12/15/07
Dilution factor: 1 Date Analyzed: 12/15/07
Moisture %:NA

QC Batch: 7352058

Client Sample Id: CHECK SAMPLE

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
67-64-1	Acetone	20.1	
107-02-8	Acrolein	98.7	
107-13-1	Acrylonitrile	104	
71-43-2	Benzene	18.1	
108-86-1	Bromobenzene	17.1	
75-27-4	Bromodichloromethane	18.5	
75-25-2	Bromoform	15.3	
74-83-9	Bromomethane	29.2	
104-51-8	n-Butylbenzene	16.5	
135-98-8	sec-Butylbenzene	17.4	
98-06-6	tert-Butylbenzene	18.9	
75-15-0	Carbon disulfide	19.1	
56-23-5	Carbon tetrachloride	19.7	
108-90-7	Chlorobenzene	17.0	
124-48-1	Dibromochloromethane	17.4	
75-00-3	Chloroethane	20.2	
110-75-8	2-Chloroethyl vinyl ether	16.0	
67-66-3	Chloroform	19.1	
74-87-3	Chloromethane	19.5	
95-49-8	2-Chlorotoluene	17.0	
106-43-4	4-Chlorotoluene	17.4	
74-95-3	Dibromomethane	16.8	
95-50-1	1,2-Dichlorobenzene	16.6	
541-73-1	1,3-Dichlorobenzene	16.8	
106-46-7	1,4-Dichlorobenzene	16.5	
110-57-6	trans-1,4-Dichloro-2-butene	13.8	
75-71-8	Dichlorodifluoromethane	14.6	
75-34-3	1,1-Dichloroethane	20.2	

EA Engineering, Science and Technology
CHECK SAMPLE COMPOUNDS

Lab Name: TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) WATER
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Lab Sample ID: I7L180000 058

Sample WT/Vol: 15 / mL
Work Order: KECMH1AC
Dilution factor: 1
Moisture %: NA

Date Received: 12/04/07
Date Extracted: 12/15/07
Date Analyzed: 12/15/07

QC Batch: 7352058

Client Sample Id: CHECK SAMPLE

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
107-06-2	1,2-Dichloroethane	21.1	
75-35-4	1,1-Dichloroethene	17.5	
156-59-2	cis-1,2-Dichloroethene	16.2	
156-60-5	trans-1,2-Dichloroethene	16.0	
540-59-0	1,2-Dichloroethene (total)	32.1	
78-87-5	1,2-Dichloropropane	19.3	
142-28-9	1,3-Dichloropropane	18.6	
594-20-7	2,2-Dichloropropane	20.2	
563-58-6	1,1-Dichloropropene	19.2	
10061-01-5	cis-1,3-Dichloropropene	19.2	
10061-02-6	trans-1,3-Dichloropropene	19.9	
100-41-4	Ethylbenzene	17.1	
75-69-4	Trichlorofluoromethane	18.4	
87-68-3	Hexachlorobutadiene	15.8	
591-78-6	2-Hexanone	16.8	
74-88-4	Iodomethane	21.8	
98-82-8	Isopropylbenzene	17.8	
99-87-6	p-Isopropyltoluene	17.8	
79-20-9	Methyl acetate	55.5	
108-87-2	Methylcyclohexane	49.3	
75-09-2	Methylene chloride	18.1	
103-65-1	n-Propylbenzene	16.7	
100-42-5	Styrene	18.2	
630-20-6	1,1,1,2-Tetrachloroethane	18.0	
79-34-5	1,1,2,2-Tetrachloroethane	16.7	
127-18-4	Tetrachloroethene	15.2	
108-88-3	Toluene	18.3	
120-82-1	1,2,4-Trichlorobenzene	15.0	

EA Engineering, Science and Technology
CHECK SAMPLE COMPOUNDS

Lab Name: TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) WATER Lab Sample ID: I7L180000 058
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 15 / mL Date Received: 12/04/07
Work Order: KECMH1AC Date Extracted: 12/15/07
Dilution factor: 1 Date Analyzed: 12/15/07
Moisture %: NA

QC Batch: 7352058

Client Sample Id: CHECK SAMPLE

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
71-55-6	1,1,1-Trichloroethane	20.4	
79-00-5	1,1,2-Trichloroethane	17.8	
79-01-6	Trichloroethene	17.7	
96-18-4	1,2,3-Trichloropropane	18.0	
76-13-1	1,1,2-Trichloro-1,2,2-triflu	17.6	
95-63-6	1,2,4-Trimethylbenzene	18.5	
108-67-8	1,3,5-Trimethylbenzene	18.5	
108-05-4	Vinyl acetate	22.3	
75-01-4	Vinyl chloride	21.3	
1330-20-7	Xylenes (total)	52.8	
71-36-3	n-Butanol	858	
96-12-8	1,2-Dibromo-3-chloropropane	13.8	
106-93-4	1,2-Dibromoethane (EDB)	17.6	
78-93-3	2-Butanone (MEK)	21.2	
108-10-1	4-Methyl-2-pentanone (MIBK)	17.3	
1634-04-4	Methyl tert-butyl ether (MTB	19.1	

SURROGATE RECOVERY	%	ACCEPTABLE LIMITS
1,2-Dichloroethane-d4	110	(75 - 115)
Toluene-d8	105	(90 - 114)
4-Bromofluorobenzene	104	(86 - 117)
Dibromofluoromethane	103	(81 - 110)

EA Engineering, Science and Technology
CHECK SAMPLE DUPLICATE COMPOUNDS

Lab Name:TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) WATER Lab Sample ID:I7L180000 058
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 15 / mL *Date Received: 12/04/07*
Work Order: KECMH1AD Date Extracted:12/15/07
Dilution factor: 1 Date Analyzed: 12/15/07
Moisture %:NA

QC Batch: 7352058

Client Sample Id: DUPLICATE CHECK

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
67-64-1	Acetone	22.4	
107-02-8	Acrolein	105	
107-13-1	Acrylonitrile	108	
71-43-2	Benzene	18.8	
108-86-1	Bromobenzene	17.8	
75-27-4	Bromodichloromethane	18.9	
75-25-2	Bromoform	16.0	
74-83-9	Bromomethane	30.0	
104-51-8	n-Butylbenzene	17.3	
135-98-8	sec-Butylbenzene	18.0	
98-06-6	tert-Butylbenzene	19.8	
75-15-0	Carbon disulfide	19.8	
56-23-5	Carbon tetrachloride	20.1	
108-90-7	Chlorobenzene	17.6	
124-48-1	Dibromochloromethane	18.2	
75-00-3	Chloroethane	21.1	
110-75-8	2-Chloroethyl vinyl ether	16.9	
67-66-3	Chloroform	19.6	
74-87-3	Chloromethane	20.8	
95-49-8	2-Chlorotoluene	17.8	
106-43-4	4-Chlorotoluene	18.0	
74-95-3	Dibromomethane	17.3	
95-50-1	1,2-Dichlorobenzene	17.2	
541-73-1	1,3-Dichlorobenzene	17.3	
106-46-7	1,4-Dichlorobenzene	17.2	
110-57-6	trans-1,4-Dichloro-2-butene	14.5	
75-71-8	Dichlorodifluoromethane	15.3	
75-34-3	1,1-Dichloroethane	20.8	

EA Engineering, Science and Technology
CHECK SAMPLE DUPLICATE COMPOUNDS

Lab Name: TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) WATER Lab Sample ID: I7L180000 058
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 15 / mL Date Received: 12/04/07
Work Order: KECMH1AD Date Extracted: 12/15/07
Dilution factor: 1 Date Analyzed: 12/15/07
Moisture %: NA

QC Batch: 7352058

Client Sample Id: DUPLICATE CHECK

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
107-06-2	1,2-Dichloroethane	21.6	
75-35-4	1,1-Dichloroethene	18.2	
156-59-2	cis-1,2-Dichloroethene	16.7	
156-60-5	trans-1,2-Dichloroethene	16.6	
540-59-0	1,2-Dichloroethene (total)	33.3	
78-87-5	1,2-Dichloropropane	20.0	
142-28-9	1,3-Dichloropropane	19.5	
594-20-7	2,2-Dichloropropane	20.9	
563-58-6	1,1-Dichloropropene	20.0	
10061-01-5	cis-1,3-Dichloropropene	19.5	
10061-02-6	trans-1,3-Dichloropropene	20.7	
100-41-4	Ethylbenzene	18.0	
75-69-4	Trichlorofluoromethane	19.0	
87-68-3	Hexachlorobutadiene	16.6	
591-78-6	2-Hexanone	17.7	
74-88-4	Iodomethane	23.0	
98-82-8	Isopropylbenzene	18.7	
99-87-6	p-Isopropyltoluene	18.5	
79-20-9	Methyl acetate	58.4	
108-87-2	Methylcyclohexane	47.8	
75-09-2	Methylene chloride	18.6	
103-65-1	n-Propylbenzene	17.8	
100-42-5	Styrene	19.1	
630-20-6	1,1,1,2-Tetrachloroethane	19.0	
79-34-5	1,1,2,2-Tetrachloroethane	17.5	
127-18-4	Tetrachloroethene	15.8	
108-88-3	Toluene	18.9	
120-82-1	1,2,4-Trichlorobenzene	15.5	

EA Engineering, Science and Technology
CHECK SAMPLE DUPLICATE COMPOUNDS

Lab Name:TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) WATER Lab Sample ID:I7L180000 058
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 15 / mL Date Received: 12/04/07
Work Order: KECMH1AD Date Extracted:12/15/07
Dilution factor: 1 Date Analyzed: 12/15/07
Moisture %:NA

QC Batch: 7352058

Client Sample Id: DUPLICATE CHECK

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
71-55-6	1,1,1-Trichloroethane	20.9	
79-00-5	1,1,2-Trichloroethane	18.5	
79-01-6	Trichloroethene	18.2	
96-18-4	1,2,3-Trichloropropane	18.8	
76-13-1	1,1,2-Trichloro-1,2,2-triflu	18.2	
95-63-6	1,2,4-Trimethylbenzene	19.1	
108-67-8	1,3,5-Trimethylbenzene	19.1	
108-05-4	Vinyl acetate	23.1	
75-01-4	Vinyl chloride	21.9	
1330-20-7	Xylenes (total)	55.3	
71-36-3	n-Butanol	984	
96-12-8	1,2-Dibromo-3-chloropropane	13.9	
106-93-4	1,2-Dibromoethane (EDB)	18.1	
78-93-3	2-Butanone (MEK)	22.9	
108-10-1	4-Methyl-2-pentanone (MIBK)	18.2	
1634-04-4	Methyl tert-butyl ether (MTB	19.9	

SURROGATE RECOVERY	%	ACCEPTABLE LIMITS
1,2-Dichloroethane-d4	114	(75 - 115)
Toluene-d8	108	(90 - 114)
4-Bromofluorobenzene	109	(86 - 117)
Dibromofluoromethane	106	(81 - 110)

EA Engineering, Science and Technology

Lab Name:TestAmerica Laboratories, Inc. SDG Number: PARENT

Matrix: (soil/water) WATER Lab Sample ID:I7L040166 001
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 15 / mL Date Received: 12/04/07
Work Order: KDDP91AD Date Extracted:12/15/07
Dilution factor: 1 Date Analyzed: 12/15/07
Moisture %:NA

QC Batch: 7352058

Client Sample Id: INTRA-LAB QC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
80-62-6	Methyl methacrylate	1.0	U
91-20-3	Naphthalene	2.0	U
107-12-0	Propionitrile	10	U
103-65-1	n-Propylbenzene	1.0	U
100-42-5	Styrene	1.0	U
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
79-01-6	Trichloroethene	1.0	U
96-18-4	1,2,3-Trichloropropane	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-triflu	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1.0	U
108-05-4	Vinyl acetate	2.0	U
75-01-4	Vinyl chloride	2.0	U
1330-20-7	Xylenes (total)	2.0	U
71-36-3	n-Butanol	250	U
96-12-8	1,2-Dibromo-3-chloropropane	2.0	U
106-93-4	1,2-Dibromoethane (EDB)	1.0	U
78-93-3	2-Butanone (MEK)	5.0	U
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U
1634-04-4	Methyl tert-butyl ether (MTB	1.0	U
87-61-6	1,2,3-Trichlorobenzene	1.0	U
108-11-2	4-Methyl-2-pentanol	50	U

EA Engineering, Science and Technology

Lab Name:TestAmerica Laboratories, Inc. SDG Number: PARENT

Matrix: (soil/water) WATER Lab Sample ID:I7L040166 001
Method: SW846 8260B
Volatile Organics, GC/MS (8260B).

Sample WT/Vol: 15 / mL Date Received: 12/04/07
Work Order: KDDP91AD Date Extracted:12/15/07
Dilution factor: 1 Date Analyzed: 12/15/07
Moisture %:NA

QC Batch: 7352058

Client Sample Id: INTRA-LAB QC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
107-04-0	1-Bromo-2-chloroethane	2.0	U
544-10-5	1-Chlorohexane	1.0	U
110-82-7	Cyclohexane	2.0	U
109-99-9	Tetrahydrofuran	5.0	U
Q02358	2-Ethyltoluene		U
620-14-4	3-Ethyltoluene	1.0	U
79-46-9	2-Nitropropane	5.0	U
100-44-7	Benzyl chloride	5.0	U
74-96-4	Bromoethane	10	U
141-78-6	Ethyl acetate	50	U
60-29-7	Ethyl ether	20	U
110-54-3	Hexane	1.0	U
108-20-3	Isopropyl ether	1.0	U
76-01-7	Pentachloroethane	2.5	U
136777-61-2	m-Xylene & p-Xylene	2.0	U
95-47-6	o-Xylene	1.0	U
Q2279	TOTAL BTEX	8.0	U
123-91-1	1,4-Dioxane	200	U
75-65-0	tert-Butyl alcohol	120	U
75-21-8	Ethylene oxide	200	U
106-89-8	Epichlorohydrin	50	U
75-56-9	Propylene oxide	25	U
542-75-6	1,3-Dichloropropene (total)	2.0	U

SURROGATE RECOVERY	%	ACCEPTABLE LIMITS
1,2-Dichloroethane-d4	108	(67 - 130)
Toluene-d8	99	(83 - 115)
4-Bromofluorobenzene	97	(79 - 119)
Dibromofluoromethane	95	(88 - 119)

EA Engineering, Science and Technology
MATRIX SPIKE COMPOUNDS

Lab Name:TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) WATER Lab Sample ID:I7L040166 001
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 15 / mL Date Received: 12/04/07
Work Order: KDDP9 1AN Date Extracted:12/15/07
Dilution factor: 1 Date Analyzed: 12/16/07
Moisture %:NA

QC Batch: 7352058

Client Sample Id: LAB MS/MSD

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q.
67-64-1	Acetone	24.6	
107-02-8	Acrolein	107	
107-13-1	Acrylonitrile	130	
71-43-2	Benzene	21.1	
108-86-1	Bromobenzene	18.1	
75-27-4	Bromodichloromethane	22.3	
75-25-2	Bromoform	16.5	
74-83-9	Bromomethane	31.2	
104-51-8	n-Butylbenzene	17.1	
135-98-8	sec-Butylbenzene	18.7	
98-06-6	tert-Butylbenzene	21.1	
75-15-0	Carbon disulfide	20.7	
56-23-5	Carbon tetrachloride	23.1	
108-90-7	Chlorobenzene	18.9	
124-48-1	Dibromochloromethane	19.7	
75-00-3	Chloroethane	24.9	
110-75-8	2-Chloroethyl vinyl ether	0.0	NC
67-66-3	Chloroform	22.6	
74-87-3	Chloromethane	26.7	
95-49-8	2-Chlorotoluene	18.3	
106-43-4	4-Chlorotoluene	18.5	
74-95-3	Dibromomethane	20.2	
95-50-1	1,2-Dichlorobenzene	18.0	
541-73-1	1,3-Dichlorobenzene	17.9	
106-46-7	1,4-Dichlorobenzene	17.9	
110-57-6	trans-1,4-Dichloro-2-butene	13.4	
75-71-8	Dichlorodifluoromethane	24.4	
75-34-3	1,1-Dichloroethane	24.2	

EA Engineering, Science and Technology
MATRIX SPIKE COMPOUNDS

Lab Name:TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) WATER
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Lab Sample ID:I7L040166 001

Sample WT/Vol: 15 / mL
Work Order: KDDP91AN
Dilution factor: 1
Moisture %:NA

Date Received: 12/04/07
Date Extracted:12/15/07
Date Analyzed: 12/16/07

QC Batch: 7352058

Client Sample Id: LAB MS/MSD

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
107-06-2	1,2-Dichloroethane	26.2	
75-35-4	1,1-Dichloroethene	19.8	
156-59-2	cis-1,2-Dichloroethene	18.1	
156-60-5	trans-1,2-Dichloroethene	17.6	
540-59-0	1,2-Dichloroethene (total)	35.7	
78-87-5	1,2-Dichloropropane	23.0	
142-28-9	1,3-Dichloropropane	21.8	
594-20-7	2,2-Dichloropropane	21.1	
563-58-6	1,1-Dichloropropene	22.6	
10061-01-5	cis-1,3-Dichloropropene	21.0	
10061-02-6	trans-1,3-Dichloropropene	22.6	
100-41-4	Ethylbenzene	18.8	
75-69-4	Trichlorofluoromethane	23.2	
87-68-3	Hexachlorobutadiene	15.6	
591-78-6	2-Hexanone	20.5	
74-88-4	Iodomethane	21.9	
98-82-8	Isopropylbenzene	19.5	
99-87-6	p-Isopropyltoluene	19.0	
79-20-9	Methyl acetate	52.6	
108-87-2	Methylcyclohexane	52.4	
75-09-2	Methylene chloride	20.8	
103-65-1	n-Propylbenzene	18.0	
100-42-5	Styrene	17.7	
630-20-6	1,1,1,2-Tetrachloroethane	20.2	
79-34-5	1,1,2,2-Tetrachloroethane	20.2	
127-18-4	Tetrachloroethene	15.9	
108-88-3	Toluene	20.4	
120-82-1	1,2,4-Trichlorobenzene	16.1	

EA Engineering, Science and Technology
MATRIX SPIKE COMPOUNDS

Lab Name:TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) WATER Lab Sample ID:I7L040166 001
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 15 / mL Date Received: 12/04/07
Work Order: KDDP91AN Date Extracted:12/15/07
Dilution factor: 1 Date Analyzed: 12/16/07
Moisture %:NA

QC Batch: 7352058

Client Sample Id: LAB MS/MSD

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
71-55-6	1,1,1-Trichloroethane	24.3	
79-00-5	1,1,2-Trichloroethane	20.2	
79-01-6	Trichloroethene	19.6	
96-18-4	1,2,3-Trichloropropane	21.5	
76-13-1	1,1,2-Trichloro-1,2,2-triflu	19.1	
95-63-6	1,2,4-Trimethylbenzene	20.3	
108-67-8	1,3,5-Trimethylbenzene	20.0	
108-05-4	Vinyl acetate	20.4	
75-01-4	Vinyl chloride	29.0	a
1330-20-7	Xylenes (total)	58.2	
71-36-3	n-Butanol	1120	
96-12-8	1,2-Dibromo-3-chloropropane	15.4	
106-93-4	1,2-Dibromoethane (EDB)	19.9	
78-93-3	2-Butanone (MEK)	26.8	
108-10-1	4-Methyl-2-pentanone (MIBK)	22.2	
1634-04-4	Methyl tert-butyl ether (MTB	22.0	

SURROGATE RECOVERY	%	ACCEPTABLE LIMITS
1,2-Dichloroethane-d4	121	(67 - 130)
Toluene-d8	103	(83 - 115)
4-Bromofluorobenzene	104	(79 - 119)
Dibromofluoromethane	104	(88 - 119)

EA Engineering, Science and Technology
MATRIX SPIKE DUPLICATE COMPOUNDS

Lab Name:TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) WATER Lab Sample ID:I7L040166 001
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 15 / mL Date Received: 12/04/07
Work Order: KDDP91AP Date Extracted:12/15/07
Dilution factor: 1 Date Analyzed: 12/16/07
Moisture %:NA

QC Batch: 7352058

Client Sample Id: LAB MS/MSD

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
67-64-1	Acetone	27.1	
107-02-8	Acrolein	113	
107-13-1	Acrylonitrile	132	
71-43-2	Benzene	21.1	
108-86-1	Bromobenzene	19.0	
75-27-4	Bromodichloromethane	22.3	
75-25-2	Bromoform	18.0	
74-83-9	Bromomethane	34.8	a
104-51-8	n-Butylbenzene	17.3	
135-98-8	sec-Butylbenzene	19.0	
98-06-6	tert-Butylbenzene	21.7	
75-15-0	Carbon disulfide	21.3	
56-23-5	Carbon tetrachloride	23.3	
108-90-7	Chlorobenzene	19.2	
124-48-1	Dibromochloromethane	20.5	
75-00-3	Chloroethane	24.6	
110-75-8	2-Chloroethyl vinyl ether	0.0	NC
67-66-3	Chloroform	22.7	
74-87-3	Chloromethane	27.2	
95-49-8	2-Chlorotoluene	18.7	
106-43-4	4-Chlorotoluene	19.0	
74-95-3	Dibromomethane	20.6	
95-50-1	1,2-Dichlorobenzene	18.5	
541-73-1	1,3-Dichlorobenzene	18.3	
106-46-7	1,4-Dichlorobenzene	18.3	
110-57-6	trans-1,4-Dichloro-2-butene	15.9	
75-71-8	Dichlorodifluoromethane	24.0	
75-34-3	1,1-Dichloroethane	24.2	

EA Engineering, Science and Technology
MATRIX SPIKE DUPLICATE COMPOUNDS

Lab Name:TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) WATER Lab Sample ID:I7L040166 001
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 15 / mL Date Received: 12/04/07
Work Order: KDDP91AP Date Extracted:12/15/07
Dilution factor: 1 Date Analyzed: 12/16/07
Moisture %:NA

QC Batch: 7352058

Client Sample Id: LAB MS/MSD

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
107-06-2	1,2-Dichloroethane	26.1	
75-35-4	1,1-Dichloroethene	20.5	
156-59-2	cis-1,2-Dichloroethene	18.5	
156-60-5	trans-1,2-Dichloroethene	18.1	
540-59-0	1,2-Dichloroethene (total)	36.6	
78-87-5	1,2-Dichloropropane	23.1	
142-28-9	1,3-Dichloropropane	22.4	
594-20-7	2,2-Dichloropropane	21.4	
563-58-6	1,1-Dichloropropene	22.9	
10061-01-5	cis-1,3-Dichloropropene	21.6	
10061-02-6	trans-1,3-Dichloropropene	23.8	
100-41-4	Ethylbenzene	19.4	
75-69-4	Trichlorofluoromethane	23.2	
87-68-3	Hexachlorobutadiene	16.5	
591-78-6	2-Hexanone	21.3	
74-88-4	Iodomethane	23.7	
98-82-8	Isopropylbenzene	20.2	
99-87-6	p-Isopropyltoluene	19.4	
79-20-9	Methyl acetate	53.4	
108-87-2	Methylcyclohexane	52.6	
75-09-2	Methylene chloride	21.1	
103-65-1	n-Propylbenzene	18.7	
100-42-5	Styrene	17.7	
630-20-6	1,1,1,2-Tetrachloroethane	20.7	
79-34-5	1,1,2,2-Tetrachloroethane	20.8	
127-18-4	Tetrachloroethene	16.1	
108-88-3	Toluene	20.6	
120-82-1	1,2,4-Trichlorobenzene	17.2	

EA Engineering, Science and Technology
MATRIX SPIKE DUPLICATE COMPOUNDS

Lab Name: TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) WATER Lab Sample ID: I7L040166 001
Method: SW846 8260B
Volatile Organics, GC/MS (8260B)

Sample WT/Vol: 15 / mL Date Received: 12/04/07
Work Order: KDDP91AP Date Extracted: 12/15/07
Dilution factor: 1 Date Analyzed: 12/16/07
Moisture %: NA

QC Batch: 7352058

Client Sample Id: LAB MS/MSD

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
71-55-6	1,1,1-Trichloroethane	24.4	
79-00-5	1,1,2-Trichloroethane	20.9	
79-01-6	Trichloroethene	19.9	
96-18-4	1,2,3-Trichloropropane	21.4	
76-13-1	1,1,2-Trichloro-1,2,2-triflu	19.4	
95-63-6	1,2,4-Trimethylbenzene	20.4	
108-67-8	1,3,5-Trimethylbenzene	20.2	
108-05-4	Vinyl acetate	20.7	
75-01-4	Vinyl chloride	28.8	a
1330-20-7	Xylenes (total)	59.7	
71-36-3	n-Butanol	1200	
96-12-8	1,2-Dibromo-3-chloropropane	15.9	
106-93-4	1,2-Dibromoethane (EDB)	20.6	
78-93-3	2-Butanone (MEK)	26.5	
108-10-1	4-Methyl-2-pentanone (MIBK)	22.5	
1634-04-4	Methyl tert-butyl ether (MTB	22.8	

SURROGATE RECOVERY	%	ACCEPTABLE LIMITS
1,2-Dichloroethane-d4	117	(67 - 130)
Toluene-d8	102	(83 - 115)
4-Bromofluorobenzene	105	(79 - 119)
Dibromofluoromethane	102	(88 - 119)

SW846 8260B SURROGATE RECOVERY

Lab Name: TestAmerica Laboratories, Inc. Client: EA Engineering, Science and Technology

Lab Code: TALAUS SDG No:

Lot #: I7L050202

Extraction: XXIC6QK01

	CLIENT ID.	SRG01	SRG02	SRG03	SRG04	TOT OUT
01	INTRA-LAB QC	108	99	97	95	00
02	NE3 MW-30B	111	96	92	97	00
03	METHOD BLK. KECMH1AA	106	96	94	92	00
04	LCS KECMH1AC	110	105	104	103	00
05	LAB MS/MSD D	117	102	105	102	00
06	LCSD KECMH1AD	114	108	109	106	00
07	LAB MS/MSD S	121	103	104	104	00

SURROGATES		QC LIMITS
SRG01	= 1,2-Dichloroethane-d4	(67-130)
SRG02	= Toluene-d8	(83-115)
SRG03	= 4-Bromofluorobenzene	(79-119)
SRG04	= Dibromofluoromethane	(88-119)

\# Column to be used to flag recovery values
* Values outside of required QC Limits
D System monitoring Compound diluted out

SW846 8260B MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Laboratories, Inc. Client: EA Engineering, Science and Technology

Lab Code: TALAUS SDG No:

Matrix Spike ID: LAB MS/MSD

Lot #: I7L040166 WO #: KDDP91AN
BATCH: 7352058

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENT. (ug/L)	MS CONCENT. (ug/L)	MS % REC	LIMITS REC	QUAL
Benzene	20.0	ND	21.1	105	70 - 118	
Chlorobenzene	20.0	ND	18.9	95	65 - 120	
1,1-Dichloroethene	20.0	ND	19.8	99	71 - 125	
Toluene	20.0	ND	20.4	102	76 - 120	
Trichloroethene	20.0	ND	19.6	98	64 - 120	
Acetone	20.0	1.9	24.6	114	35 - 161	
Bromobenzene	20.0	ND	18.1	91	63 - 126	
Bromodichloromethane	20.0	ND	22.3	112	53 - 147	
Bromoform	20.0	ND	16.5	83	33 - 151	
Bromomethane	20.0	ND	31.2	156	38 - 163	
2-Butanone (MEK)	20.0	ND	26.8	134	28 - 177	
n-Butylbenzene	20.0	ND	17.1	86	55 - 156	
sec-Butylbenzene	20.0	ND	18.7	93	57 - 153	
tert-Butylbenzene	20.0	ND	21.1	106	65 - 139	
Carbon disulfide	20.0	ND	20.7	103	64 - 128	
Carbon tetrachloride	20.0	ND	23.1	116	55 - 139	
Chloroethane	20.0	ND	24.9	125	62 - 130	
2-Chloroethyl vinyl ether	20.0	ND	0.0	0*	10 - 122	NC
Chloroform	20.0	ND	22.6	113	69 - 128	
Chloromethane	20.0	ND	26.7	133	57 - 148	
2-Chlorotoluene	20.0	ND	18.3	92	66 - 134	
4-Chlorotoluene	20.0	ND	18.5	93	62 - 140	
Dibromochloromethane	20.0	ND	19.7	99	55 - 128	
1,2-Dibromo-3-chloropropa	20.0	ND	15.4	77	51 - 133	
1,2-Dibromoethane (EDB)	20.0	ND	19.9	99	67 - 122	
Dibromomethane	20.0	ND	20.2	101	64 - 124	
1,2-Dichlorobenzene	20.0	ND	18.0	90	65 - 122	
1,3-Dichlorobenzene	20.0	ND	17.9	90	69 - 120	

(Continued on next page)

SW846 8260B MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Laboratories, Inc. Client: EA Engineering, Science and Technology

Lab Code: TALAUS SDG No:

Matrix Spike ID: LAB MS/MSD

Lot #: I7L040166 WO #: KDDP91AN
BATCH: 7352058

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENT. (ug/L)	MS CONCENT. (ug/L)	MS % REC	LIMITS REC	QUAL
1,4-Dichlorobenzene	20.0	ND	17.9	89	69- 123	
Dichlorodifluoromethane	20.0	ND	24.4	122	30- 140	
1,1-Dichloroethane	20.0	ND	24.2	121	75- 126	
1,2-Dichloroethane	20.0	ND	26.2	131	59- 138	
cis-1,2-Dichloroethene	20.0	ND	18.1	91	71- 122	
trans-1,2-Dichloroethene	20.0	ND	17.6	88	75- 129	
1,2-Dichloropropane	20.0	ND	23.0	115	74- 118	
1,3-Dichloropropane	20.0	ND	21.8	109	67- 122	
2,2-Dichloropropane	20.0	ND	21.1	105	71- 151	
1,1-Dichloropropene	20.0	ND	22.6	113	74- 127	
cis-1,3-Dichloropropene	20.0	ND	21.0	105	58- 137	
trans-1,3-Dichloropropene	20.0	ND	22.6	113	42- 185	
Ethylbenzene	20.0	ND	18.8	94	72- 121	
Hexachlorobutadiene	20.0	ND	15.6	78	71- 135	
2-Hexanone	20.0	ND	20.5	103	34- 184	
Iodomethane	20.0	ND	21.9	109	36- 159	
Isopropylbenzene	20.0	ND	19.5	97	69- 124	
p-Isopropyltoluene	20.0	ND	19.0	95	63- 140	
4-Methyl-2-pentanone (MIB	20.0	ND	22.2	111	38- 171	
Methylene chloride	20.0	ND	20.8	104	66- 116	
n-Propylbenzene	20.0	ND	18.0	90	57- 142	
Styrene	20.0	ND	17.7	88	69- 120	
1,1,1,2-Tetrachloroethane	20.0	ND	20.2	101	58- 128	
1,1,2,2-Tetrachloroethane	20.0	ND	20.2	101	54- 129	
Tetrachloroethene	20.0	ND	15.9	79	50- 131	
1,2,4-Trichlorobenzene	20.0	ND	16.1	81	54- 144	
1,1,1-Trichloroethane	20.0	ND	24.3	121	66- 131	
1,1,2-Trichloroethane	20.0	ND	20.2	101	62- 127	

(Continued on next page)

SW846 8260B MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Laboratories, Inc. Client: EA Engineering, Science and Technology

Lab Code: TALAUS SDG No:

Matrix Spike ID: LAB MS/MSD

Lot #: I7L040166 WO #: KDDP91AN
BATCH: 7352058

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENT. (ug/L)	MS CONCENT. (ug/L)	MS % REC	LIMITS REC	QUAL
1,2,3-Trichloropropane	20.0	ND	21.5	108	61 - 133	
Trichlorofluoromethane	20.0	ND	23.2	116	60 - 129	
1,2,4-Trimethylbenzene	20.0	ND	20.3	102	58 - 152	
1,3,5-Trimethylbenzene	20.0	ND	20.0	100	59 - 151	
Vinyl acetate	20.0	ND	20.4	102	59 - 153	
Vinyl chloride	20.0	ND	29.0	145*	66 - 127	a
Xylenes (total)	60.0	ND	58.2	97	72 - 121	
Acrolein	100	ND	107	107	19 - 217	
Acrylonitrile	100	ND	130	130	55 - 163	
trans-1,4-Dichloro-2-bute	20.0	ND	13.4	67	37 - 186	
1,2-Dichloroethene (total	40.0	ND	35.7	89	74 - 125	
Methyl tert-butyl ether (	20.0	ND	22.0	110	57 - 144	
Methylcyclohexane	50.0	ND	52.4	105	70 - 130	
1,1,2-Trichloro-1,2,2-tri	20.0	ND	19.1	95	65 - 153	
n-Butanol	1000	ND	1120	112	70 - 130	
Methyl acetate	50.0	ND	52.6	105	70 - 130	

NOTES(S):

NC The recovery and/or RPD were not calculated.

2-Chloroethyl vinyl ether is susceptible to degradation in acid conditions. No quantitation is available.

a Spiked analyte recovery is outside stated control limits.

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

RPD: 0 out of 0 outside limits
Spike Recovery: 2 out of 72 outside limits

COMMENTS:

SW846 8260B MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Laboratories, Inc. Client: EA Engineering, Science and Technology

Lab Code: TALAUS SDG No:

Matrix Spike ID: LAB MS/MSD

Lot #: I7L040166 WO #: KDDP91AP
BATCH: 7352058

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENT. (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	QUAL
Benzene	20.0	21.1	106	0.18	20	70 - 118	
Chlorobenzene	20.0	19.2	96	1.4	20	65 - 120	
1,1-Dichloroethene	20.0	20.5	102	3.2	20	71 - 125	
Toluene	20.0	20.6	103	1.2	20	76 - 120	
Trichloroethene	20.0	19.9	99	1.7	20	64 - 120	
Acetone	20.0	27.1	126	9.5	20	35 - 161	
Bromobenzene	20.0	19.0	95	5.0	20	63 - 126	
Bromodichloromethane	20.0	22.3	112	0.060	20	53 - 147	
Bromoform	20.0	18.0	90	8.5	20	33 - 151	
Bromomethane	20.0	34.8	174*	11	20	38 - 163	a
2-Butanone (MEK)	20.0	26.5	133	1.1	20	28 - 177	
n-Butylbenzene	20.0	17.3	87	1.2	20	55 - 156	
sec-Butylbenzene	20.0	19.0	95	1.8	20	57 - 153	
tert-Butylbenzene	20.0	21.7	108	2.4	20	65 - 139	
Carbon disulfide	20.0	21.3	106	2.7	20	64 - 128	
Carbon tetrachloride	20.0	23.3	116	0.58	20	55 - 139	
Chloroethane	20.0	24.6	123	1.2	20	62 - 130	
2-Chloroethyl vinyl ether	20.0	0.0	0*		20	10 - 122	NC
Chloroform	20.0	22.7	113	0.28	20	69 - 128	
Chloromethane	20.0	27.2	136	1.8	20	57 - 148	
2-Chlorotoluene	20.0	18.7	93	1.7	20	66 - 134	
4-Chlorotoluene	20.0	19.0	95	2.5	20	62 - 140	
Dibromochloromethane	20.0	20.5	102	3.9	20	55 - 128	
1,2-Dibromo-3-chloropropa	20.0	15.9	79	3.3	40	51 - 133	
1,2-Dibromoethane (EDB)	20.0	20.6	103	3.6	20	67 - 122	
Dibromomethane	20.0	20.6	103	1.8	20	64 - 124	
1,2-Dichlorobenzene	20.0	18.5	93	2.9	20	65 - 122	
1,3-Dichlorobenzene	20.0	18.3	92	2.2	20	69 - 120	

(Continued on next page)

SW846 8260B MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Laboratories, Inc. Client: EA Engineering, Science and Technology

Lab Code: TALAUS SDG No:

Matrix Spike ID: LAB MS/MSD

Lot #: I7L040166 WO #: KDDP91AP
BATCH: 7352058

COMPOUND	SPIKE ADDED	MSD CONCENT.	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	QUAL
1,4-Dichlorobenzene	20.0	18.3	91	2.2	20	69- 123	
Dichlorodifluoromethane	20.0	24.0	120	1.6	20	30- 140	
1,1-Dichloroethane	20.0	24.2	121	0.17	20	75- 126	
1,2-Dichloroethane	20.0	26.1	130	0.57	20	59- 138	
cis-1,2-Dichloroethene	20.0	18.5	93	2.3	20	71- 122	
trans-1,2-Dichloroethene	20.0	18.1	90	2.8	20	75- 129	
1,2-Dichloropropane	20.0	23.1	115	0.18	20	74- 118	
1,3-Dichloropropane	20.0	22.4	112	2.8	20	67- 122	
2,2-Dichloropropane	20.0	21.4	107	1.5	20	71- 151	
1,1-Dichloropropene	20.0	22.9	114	1.3	20	74- 127	
cis-1,3-Dichloropropene	20.0	21.6	108	2.7	20	58- 137	
trans-1,3-Dichloropropene	20.0	23.8	119	5.2	20	42- 185	
Ethylbenzene	20.0	19.4	97	3.2	20	72- 121	
Hexachlorobutadiene	20.0	16.5	83	5.6	20	71- 135	
2-Hexanone	20.0	21.3	106	3.6	20	34- 184	
Iodomethane	20.0	23.7	118	7.9	20	36- 159	
Isopropylbenzene	20.0	20.2	101	3.9	40	69- 124	
p-Isopropyltoluene	20.0	19.4	97	2.2	20	63- 140	
4-Methyl-2-pentanone (MIB	20.0	22.5	113	1.7	20	38- 171	
Methylene chloride	20.0	21.1	105	1.2	20	66- 116	
n-Propylbenzene	20.0	18.7	94	3.8	20	57- 142	
Styrene	20.0	17.7	89	0.40	20	69- 120	
1,1,1,2-Tetrachloroethane	20.0	20.7	103	2.1	40	58- 128	
1,1,2,2-Tetrachloroethane	20.0	20.8	104	2.9	20	54- 129	
Tetrachloroethene	20.0	16.1	80	1.3	20	50- 131	
1,2,4-Trichlorobenzene	20.0	17.2	86	6.4	20	54- 144	
1,1,1-Trichloroethane	20.0	24.4	122	0.39	20	66- 131	
1,1,2-Trichloroethane	20.0	20.9	104	3.5	20	62- 127	

(Continued on next page)

SW846 8260B MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Laboratories, Inc. Client: EA Engineering, Science and Technology

Lab Code: TALAUS SDG No:

Matrix Spike ID: LAB MS/MSD

Lot #: I7L040166 WO #: KDDP91AP
BATCH: 7352058

COMPOUND	SPIKE ADDED	MSD CONCENT.	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	QUAL
1,2,3-Trichloropropane	20.0	21.4	107	0.70	20	61- 133	
Trichlorofluoromethane	20.0	23.2	116	0.14	20	60- 129	
1,2,4-Trimethylbenzene	20.0	20.4	102	0.37	20	58- 152	
1,3,5-Trimethylbenzene	20.0	20.2	101	1.1	20	59- 151	
Vinyl acetate	20.0	20.7	104	1.7	20	59- 153	
Vinyl chloride	20.0	28.8	144*	0.77	20	66- 127	a
Xylenes (total)	60.0	59.7	99	2.5	20	72- 121	
Acrolein	100	113	113	5.5	20	19- 217	
Acrylonitrile	100	132	132	2.1	20	55- 163	
trans-1,4-Dichloro-2-bute	20.0	15.9	80	17	20	37- 186	
1,2-Dichloroethene (total	40.0	36.6	92	2.5	20	74- 125	
Methyl tert-butyl ether (	20.0	22.8	114	3.3	20	57- 144	
Methylcyclohexane	50.0	52.6	105	0.42	20	70- 130	
1,1,2-Trichloro-1,2,2-tri	20.0	19.4	97	1.8	20	65- 153	
n-Butanol	1000	1200	120	6.8	20	70- 130	
Methyl acetate	50.0	53.4	107	1.5	20	70- 130	

NOTES (S):

a Spiked analyte recovery is outside stated control limits.

NC The recovery and/or RPD were not calculated.

2-Chloroethyl vinyl ether is susceptible to degradation in acid conditions. No quantitation is available.

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

RPD: 0 out of 72 outside limits
Spike Recovery: 3 out of 72 outside limits

COMMENTS:

SW846 8260B CHECK SAMPLE RECOVERY

Lab Name: TestAmerica Laboratories, Inc. Client: EA Engineering, Science and Technology

Lab Code: TALAUS SDG No:

Lot #: I7L180000 WO #: KECMH1AC
BATCH: 7352058

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENT. (ug/L)	% REC	QC LIMITS REC	QUAL
Bromoform	20.0	15.3	76	33 - 151	
Bromomethane	20.0	29.2	146	38 - 163	
2-Butanone (MEK)	20.0	21.2	106	28 - 177	
n-Butylbenzene	20.0	16.5	82	55 - 156	
sec-Butylbenzene	20.0	17.4	87	57 - 153	
tert-Butylbenzene	20.0	18.9	94	65 - 139	
Carbon disulfide	20.0	19.1	95	64 - 128	
Carbon tetrachloride	20.0	19.7	99	55 - 139	
Chloroethane	20.0	20.2	101	62 - 130	
2-Chloroethyl vinyl ether	20.0	16.0	80	10 - 122	
Chloroform	20.0	19.1	95	69 - 128	
Chloromethane	20.0	19.5	98	57 - 148	
2-Chlorotoluene	20.0	17.0	85	66 - 134	
4-Chlorotoluene	20.0	17.4	87	62 - 140	
Dibromochloromethane	20.0	17.4	87	55 - 128	
1,2-Dibromo-3-chloropropa	20.0	13.8	69	51 - 133	
1,2-Dibromoethane (EDB)	20.0	17.6	88	67 - 122	
Dibromomethane	20.0	16.8	84	64 - 124	
1,2-Dichlorobenzene	20.0	16.6	83	65 - 122	
1,3-Dichlorobenzene	20.0	16.8	84	69 - 120	
1,4-Dichlorobenzene	20.0	16.5	83	69 - 123	
Dichlorodifluoromethane	20.0	14.6	73	30 - 140	
1,1-Dichloroethane	20.0	20.2	101	75 - 126	
1,2-Dichloroethane	20.0	21.1	106	59 - 138	
cis-1,2-Dichloroethene	20.0	16.2	81	71 - 122	
trans-1,2-Dichloroethene	20.0	16.0	80	75 - 129	
1,2-Dichloropropane	20.0	19.3	96	74 - 118	
1,3-Dichloropropane	20.0	18.6	93	67 - 122	
2,2-Dichloropropane	20.0	20.2	101	71 - 151	
1,1-Dichloropropene	20.0	19.2	96	74 - 127	
cis-1,3-Dichloropropene	20.0	19.2	96	58 - 137	

(Continued on next page)

SW846 8260B CHECK SAMPLE RECOVERY

Lab Name: TestAmerica Laboratories, Inc. Client: EA Engineering, Science and Technology

Lab Code: TALAUS SDG No:

Lot #: I7L180000 WO #: KECMH1AC
BATCH: 7352058

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENT. (ug/L)	% REC	QC LIMITS REC	QUAL
trans-1,3-Dichloropropene	20.0	19.9	100	42 - 185	
Ethylbenzene	20.0	17.1	85	72 - 121	
Hexachlorobutadiene	20.0	15.8	79	71 - 135	
2-Hexanone	20.0	16.8	84	34 - 184	
Iodomethane	20.0	21.8	109	36 - 159	
Isopropylbenzene	20.0	17.8	89	69 - 124	
p-Isopropyltoluene	20.0	17.8	89	63 - 140	
4-Methyl-2-pentanone (MIB	20.0	17.3	86	38 - 171	
Methylene chloride	20.0	18.1	90	66 - 116	
n-Propylbenzene	20.0	16.7	84	57 - 142	
Styrene	20.0	18.2	91	69 - 120	
1,1,1,2-Tetrachloroethane	20.0	18.0	90	58 - 128	
1,1,2,2-Tetrachloroethane	20.0	16.7	84	54 - 129	
Tetrachloroethene	20.0	15.2	76	50 - 131	
1,2,4-Trichlorobenzene	20.0	15.0	75	54 - 144	
1,1,1-Trichloroethane	20.0	20.4	102	66 - 131	
1,1,2-Trichloroethane	20.0	17.8	89	62 - 127	
1,2,3-Trichloropropane	20.0	18.0	90	61 - 133	
Trichlorofluoromethane	20.0	18.4	92	60 - 129	
1,2,4-Trimethylbenzene	20.0	18.5	92	58 - 152	
1,3,5-Trimethylbenzene	20.0	18.5	92	59 - 151	
Vinyl acetate	20.0	22.3	111	59 - 153	
Vinyl chloride	20.0	21.3	107	66 - 127	
Xylenes (total)	60.0	52.8	88	72 - 121	
Acrolein	100	98.7	99	19 - 217	
Acrylonitrile	100	104	104	55 - 163	
trans-1,4-Dichloro-2-bute	20.0	13.8	69	37 - 186	
1,2-Dichloroethene (total	40.0	32.1	80	74 - 125	
Methyl tert-butyl ether (	20.0	19.1	95	57 - 144	
Methyl acetate	50.0	55.5	111	49 - 287	
Methylcyclohexane	50.0	49.3	99	70 - 130	

(Continued on next page)

SW846 8260B CHECK SAMPLE RECOVERY

Lab Name: TestAmerica Laboratories, Inc. Client: EA Engineering, Science and Technology

Lab Code: TALAUS SDG No:

Lot #: I7L180000 WO #: KECMH1AC
BATCH: 7352058

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENT. (ug/L)	% REC	QC LIMITS REC	QUAL
1,1,2-Trichloro-1,2,2-tri	20.0	17.6	88	65- 153	
n-Butanol	1000	858	86	70- 130	
Benzene	20.0	18.1	90	70- 118	
Chlorobenzene	20.0	17.0	85	65- 120	
1,1-Dichloroethene	20.0	17.5	88	71- 125	
Toluene	20.0	18.3	91	76- 120	
Trichloroethene	20.0	17.7	88	64- 120	
Acetone	20.0	20.1	100	35- 161	
Bromobenzene	20.0	17.1	85	63- 126	
Bromodichloromethane	20.0	18.5	93	53- 147	

NOTES(S):

* Values outside of QC limits

Spike Recovery: 0 out of 72 outside limits

COMMENTS:

SW846 8260B CHECK SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Laboratories, Inc. Client: EA Engineering, Science and Technology

Lab Code: TALAUS SDG No:

Lot #: I7L180000 WO #: KECMH1AD
BATCH: 7352058

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENT. (ug/L)	% REC	QC LIMITS REC	QUAL
Benzene	20.0	18.8	94	70- 118	
Chlorobenzene	20.0	17.6	88	65- 120	
1,1-Dichloroethene	20.0	18.2	91	71- 125	
Toluene	20.0	18.9	95	76- 120	
Trichloroethene	20.0	18.2	91	64- 120	
Acetone	20.0	22.4	112	35- 161	
Bromobenzene	20.0	17.8	89	63- 126	
Bromodichloromethane	20.0	18.9	95	53- 147	
Bromoform	20.0	16.0	80	33- 151	
Bromomethane	20.0	30.0	150	38- 163	
2-Butanone (MEK)	20.0	22.9	115	28- 177	
n-Butylbenzene	20.0	17.3	87	55- 156	
sec-Butylbenzene	20.0	18.0	90	57- 153	
tert-Butylbenzene	20.0	19.8	99	65- 139	
Carbon disulfide	20.0	19.8	99	64- 128	
Carbon tetrachloride	20.0	20.1	101	55- 139	
Chloroethane	20.0	21.1	105	62- 130	
2-Chloroethyl vinyl ether	20.0	16.9	85	10- 122	
Chloroform	20.0	19.6	98	69- 128	
Chloromethane	20.0	20.8	104	57- 148	
2-Chlorotoluene	20.0	17.8	89	66- 134	
4-Chlorotoluene	20.0	18.0	90	62- 140	
Dibromochloromethane	20.0	18.2	91	55- 128	
1,2-Dibromo-3-chloropropa	20.0	13.9	70	51- 133	
1,2-Dibromoethane (EDB)	20.0	18.1	91	67- 122	
Dibromomethane	20.0	17.3	87	64- 124	
1,2-Dichlorobenzene	20.0	17.2	86	65- 122	
1,3-Dichlorobenzene	20.0	17.3	86	69- 120	
1,4-Dichlorobenzene	20.0	17.2	86	69- 123	
Dichlorodifluoromethane	20.0	15.3	76	30- 140	
1,1-Dichloroethane	20.0	20.8	104	75- 126	

(Continued on next page)

SW846 8260B CHECK SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Laboratories, Inc. Client: EA Engineering, Science and Technology

Lab Code: TALAUS SDG No:

Lot #: I7L180000 WO #: KECMH1AD

BATCH: 7352058

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENT. (ug/L)	% REC	QC LIMITS REC	QUAL
1,2-Dichloroethane	20.0	21.6	108	59- 138	
cis-1,2-Dichloroethene	20.0	16.7	84	71- 122	
trans-1,2-Dichloroethene	20.0	16.6	83	75- 129	
1,2-Dichloropropane	20.0	20.0	100	74- 118	
1,3-Dichloropropane	20.0	19.5	98	67- 122	
2,2-Dichloropropane	20.0	20.9	105	71- 151	
1,1-Dichloropropene	20.0	20.0	100	74- 127	
cis-1,3-Dichloropropene	20.0	19.5	98	58- 137	
trans-1,3-Dichloropropene	20.0	20.7	104	42- 185	
Ethylbenzene	20.0	18.0	90	72- 121	
Hexachlorobutadiene	20.0	16.6	83	71- 135	
2-Hexanone	20.0	17.7	89	34- 184	
Iodomethane	20.0	23.0	115	36- 159	
Isopropylbenzene	20.0	18.7	93	69- 124	
p-Isopropyltoluene	20.0	18.5	92	63- 140	
4-Methyl-2-pentanone (MIB	20.0	18.2	91	38- 171	
Methylene chloride	20.0	18.6	93	66- 116	
n-Propylbenzene	20.0	17.8	89	57- 142	
Styrene	20.0	19.1	96	69- 120	
1,1,1,2-Tetrachloroethane	20.0	19.0	95	58- 128	
1,1,2,2-Tetrachloroethane	20.0	17.5	87	54- 129	
Tetrachloroethene	20.0	15.8	79	50- 131	
1,2,4-Trichlorobenzene	20.0	15.5	77	54- 144	
1,1,1-Trichloroethane	20.0	20.9	105	66- 131	
1,1,2-Trichloroethane	20.0	18.5	93	62- 127	
1,2,3-Trichloropropane	20.0	18.8	94	61- 133	
Trichlorofluoromethane	20.0	19.0	95	60- 129	
1,2,4-Trimethylbenzene	20.0	19.1	95	58- 152	
1,3,5-Trimethylbenzene	20.0	19.1	95	59- 151	
Vinyl acetate	20.0	23.1	116	59- 153	
Vinyl chloride	20.0	21.9	110	66- 127	

(Continued on next page)

SW846 8260B CHECK SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Laboratories, Inc. Client: EA Engineering, Science and Technology

Lab Code: TALAUS SDG No:

Lot #: I7L180000 WO #: KECMH1AD
BATCH: 7352058

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENT. (ug/L)	% REC	QC LIMITS REC	QUAL
Xylenes (total)	60.0	55.3	92	72- 121	
Acrolein	100	105	105	19- 217	
Acrylonitrile	100	108	108	55- 163	
trans-1,4-Dichloro-2-bute	20.0	14.5	73	37- 186	
1,2-Dichloroethene (total	40.0	33.3	83	74- 125	
Methyl tert-butyl ether (	20.0	19.9	100	57- 144	
Methyl acetate	50.0	58.4	117	49- 287	
Methylcyclohexane	50.0	47.8	96	70- 130	
1,1,2-Trichloro-1,2,2-tri	20.0	18.2	91	65- 153	
n-Butanol	1000	984	98	70- 130	

NOTES(S):

* Values outside of QC limits

Spike Recovery: 0 out of 72 outside limits

COMMENTS:

SW846 8260B METHOD BLANK SUMMARY

BLANK WORKORDER NO.: KECMH1AA

Lab Name: TestAmerica Laboratories, Inc.

Lab Code: TALAUS — SDG Number:

Lab File ID: IC15705.D — Lot Number: I7L050202

Date Analyzed: 12/15/07 — Time Analyzed: 15:29

Matrix: WATER — Date Extracted: 12/15/07

GC Column: RTX-502.2 ID: .25 — Extraction Method: 5030B/8260B

Instrument ID: I1 — Level: (low/med) LOW

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, LCS, LCSD, MS , MSD:

	CLIENT ID.	SAMPLE WORK ORDER #	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	INTRA-LAB QC	KDDP91AD	IC15706.D	12/15/07	15:54
02	LAB MS/MSD	KDDP91AN S	IC15726.D	12/16/07	00:15
03	LAB MS/MSD	KDDP91AP D	IC15727.D	12/16/07	00:41
04	NE3 MW-30B	KDG1R1AA	IC15715.D	12/15/07	19:39
05	CHECK SAMPLE	KECMH1AC C	IC15702.D	12/15/07	14:09
06	DUPLICATE CHECK	KECMH1AD L	IC15703.D	12/15/07	14:39
07					
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29					
30					

COMMENTS:

SUPPORTING DOCUMENTATION DESCRIPTION PAGE

QC & Sample Data

Calibration Data

Method: 8260B

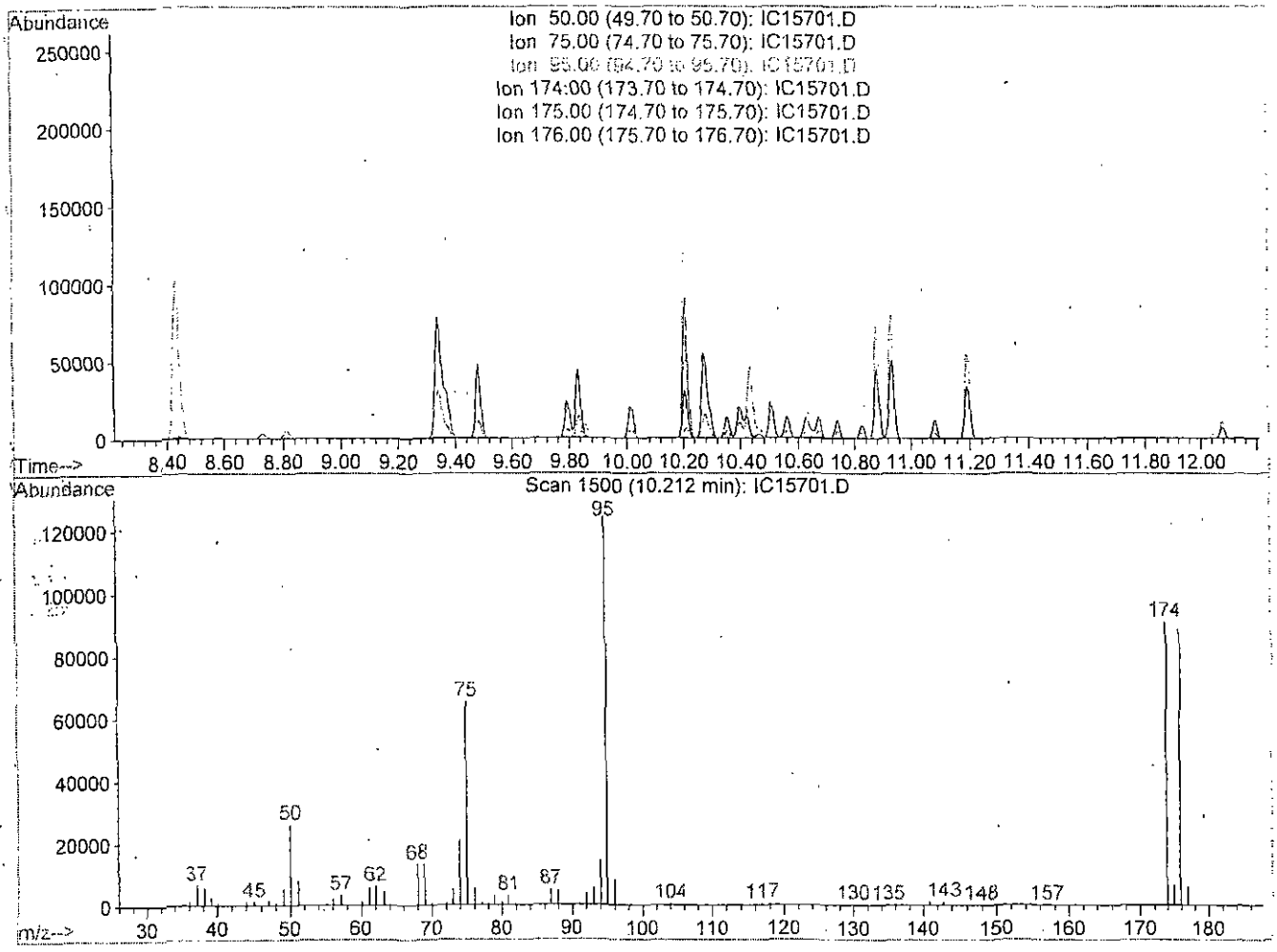
Associated Samples: 1

Batch Number: 7352058

BFB

Data File : H:\MSI.I\I121507.B\IC15701.D
Acq On : 15 Dec 2007 1:32 pm
Sample : CCV;CCV+Penta/CustomMix,I121507
Misc : 1,1, 07MSV0819,0813,0792 5uL/50mL
MS Integration Params: VOA.P
Method : C:\HPCHEM\3\METHODS\C70314S.M (RTE Integrator)
Title : EPA Method 8260B Calibration Curve 5mL Soil

Vial: 1
Operator: BJP
Inst : MSI
Multiplr: 1.00



Spectrum Information: Scan 1500

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	21.1	26240	PASS
75	95	30	60	52.6	65360	PASS
95	95	100	100	100.0	124192	PASS
96	95	5	9	6.6	8216	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	73.1	90832	PASS
175	174	5	9	7.3	6644	PASS
176	174	95	101	97.2	88320	PASS
177	176	5	9	6.7	5960	PASS

IC15701.D C70314S.M Mon Jan 07 11:13:27 2008 MSDC

BP 3/27/07

Calibration Table Report											
Method: I70326W.M											
Title: EPA Method 8260B/624 Calibration Curve 15mL Water											
Last Calibration: Tue Mar 27 13:31:08 2007											
Calibration Files											
	1	2	5	10	20	50	100				
	I326705.D	I326706.D	I326707.D	I326708.D	I326709.D	I326710.D	I326711.D				
Compound								Avg RF	%RSD	LR	QR
										≥0.995	≥0.990
Fluorobenzene (IS)	ISTD										
Dichlorodifluoromethane	0.448	0.455	0.434	0.448	0.430	0.419	0.406	0.434	4.033		
Chloromethane (SPCC)	0.411	0.420	0.393	0.427	0.403	0.405	0.406	0.409 ✓	2.717		
Vinyl chloride (CCC)	0.286	0.283	0.273	0.300	0.279	0.276	0.271	0.281	3.512 ✓		
Bromomethane	✓	0.104	0.119	0.146	0.139	0.146	0.138	0.132	12.784		
Ethylene oxide	✓	✓	0.015	0.016	0.015	0.015	0.013	0.015	6.880		
Chloroethane	0.265	0.264	0.255	0.264	0.238	0.228	0.179	0.242	12.959		
Trichlorofluoromethane	0.499	0.497	0.474	0.489	0.458	0.439	0.413	0.467	6.930		
Ethyl ether	0.142	0.160	0.144	0.160	0.162	0.164	0.161	0.156	5.879		
Ethanol	✓	✓	0.000	0.000	0.001	0.001	0.001	0.001	17.384		
1,1-Dichloroethene (CCC)	0.264	0.256	0.246	0.264	0.254	0.251	0.243	0.254	3.293 ✓		
Carbon disulfide	0.773	0.729	0.714	0.790	0.787	0.795	0.776	0.766	4.170		
1,1,2-Trichlorotrifluoroethane	0.306	0.297	0.276	0.288	0.275	0.272	0.265	0.283	5.219		
Propylene oxide	✓	✓	0.020	0.023	0.023	0.025	0.025	0.023	8.164		
Iodomethane	0.226	0.233	0.252	0.276	0.250	0.235	0.210	0.240	8.879		
Bromoethane	0.186	0.186	0.176	0.186	0.178	0.177	0.170	0.180	3.469		
Acrolein		0.008	0.009	0.010	0.010	0.012	0.012	0.010	15.047		
3-Chloropropene	0.326	0.334	0.341	0.373	0.358	0.347	0.319	0.343	5.494		
Methylene chloride	0.268	0.269	0.245	0.262	0.249	0.247	0.242	0.255	4.390		
Acetone	✓	✓	0.019	0.021	0.020	0.021	0.024	0.021	8.945		
trans-1,2-Dichloroethene	0.301	0.306	0.287	0.309	0.291	0.279	0.268	0.292	5.147		
Methyl acetate	✓	0.022	0.019	0.021	0.020	0.021	0.022	0.021	4.306		
Hexane	0.111	0.111	0.113	0.122	0.119	0.117	0.115	0.115	3.651		
Methyl tert-butyl ether (MTBE)	0.379	0.423	0.386	0.440	0.457	0.475	0.481	0.434	9.394		
tert-Butyl alcohol	0.004	0.004	0.003	0.005	0.006	0.006	0.007	0.005	25.378	0.996	
Acetonitrile	✓	✓	*0.004*	*0.004*	*0.005*	*0.005*	*0.005*	*0.004*	12.313		

Calibration Files											
	1	2	5	10	20	50	100				
	I326705.D	I326706.D	I326707.D	I326708.D	I326709.D	I326710.D	I326711.D				
Compound								Avg RF	%RSD	LR	QR
										≥0.995	≥0.990
Isopropyl ether	0.648	0.707	0.686	0.783	0.796	0.806	0.786	0.745	8.465		
2-Chloro-1,3-butadiene	0.186	0.196	0.203	0.232	0.234	0.240	0.239	0.219	10.438		
1,1-Dichloroethane (SPCC)	0.551	0.565	0.531	0.576	0.546	0.536	0.508	0.545 ✓	4.130		
Acrylonitrile	✓	0.035	0.033	0.038	0.038	0.040	0.040	0.037	6.830		
Vinyl acetate	✓	0.191	0.195	0.227	0.250	0.273	0.279	0.234	17.118		
cis-1,2-Dichloroethene	0.296	0.299	0.286	0.307	0.288	0.278	0.269	0.289	4.450		
2,2-Dichloropropane	0.361	0.372	0.370	0.415	0.416	0.433	0.434	0.400	7.854		
Cyclohexane	0.723	0.734	0.732	0.781	0.742	0.713	0.664	0.727	4.818		
Bromochloromethane	0.124	0.124	0.112	0.119	0.116	0.117	0.114	0.118	3.894		
2-Methylhexane	0.565	0.621	0.614	0.648	0.627	0.596	0.546	0.603	5.997		
Chloroform (CCC)	0.479	0.483	0.449	0.481	0.459	0.454	0.436	0.463	3.972 ✓		
Carbon tetrachloride	0.311	0.310	0.308	0.333	0.325	0.332	0.324	0.320	3.372		
3-Methylhexane	0.246	0.263	0.255	0.276	0.270	0.261	0.244	0.259	4.589		
Ethyl acetate	0.065	0.081	0.071	0.094	0.096	0.107	0.130	0.092	24.069		1.000
Tetrahydrofuran	0.038	0.044	0.035	0.044	0.048	0.051	0.044	0.043	12.741		
Dibromofluoromethane (Surr)	0.235	0.231	0.221	0.238	0.230	0.226	0.217	0.228	3.297		
1,1,1-Trichloroethane	0.384	0.398	0.389	0.421	0.407	0.408	0.398	0.401	3.133		
1,1-Dichloropropene	0.406	0.414	0.407	0.450	0.433	0.432	0.422	0.423	3.784		
2-Butanone (MEK) — low RRF	✓	✓	0.035	0.035	0.036	0.038	0.039	0.037	5.221		
Benzene	1.310	1.337	1.260	1.335	1.268	1.240	1.169	1.274	4.690		
Heptane	0.220	0.241	0.249	0.272	0.265	0.258	0.242	0.249	6.918		
Propionitrile	✓	0.011	0.009	0.010	0.010	0.010	0.011	0.010	7.848		
Methacrylonitrile	0.037	0.044	0.042	0.050	0.052	0.053	0.052	0.047	13.342		
1,2-Dichloroethane-d4 (Surr)	0.140	0.139	0.118	0.128	0.124	0.118	0.117	0.126	7.693		
1,2-Dichloroethane	0.272	0.279	0.257	0.273	0.268	0.264	0.250	0.266	3.825		
Isobutyl alcohol	✓	✓	0.001	0.002	0.002	0.002	0.003	0.002	31.469	0.996	
Methylcyclohexane	0.559	0.564	0.546	0.585	0.557	0.540	0.498	0.550	4.896		
Trichloroethene	0.299	0.304	0.287	0.307	0.295	0.294	0.282	0.295	3.052		
Dibromomethane	0.096	0.094	0.087	0.096	0.095	0.093	0.087	0.093	4.078		
1-Butanol — low RRF	✓	0.001	0.001	0.001	0.001	0.001	0.002	0.001	47.949		1.000
1,2-Dichloropropane (CCC)	0.259	0.266	0.255	0.279	0.275	0.276	0.269	0.268	3.390 ✓		

- OK >0.010

Calibration Files											
	1	2	5	10	20	50	100				
	I326705.D	I326706.D	I326707.D	I326708.D	I326709.D	I326710.D	I326711.D				
Compound								Avg RF	%RSD	LR	QR
										≥0.995	≥0.990
Bromodichloromethane	0.264	0.267	0.256	0.290	0.293	0.307	0.307	0.284	7.454		
1,4-Dioxane	✓	✓	0.000	0.000	0.001	0.001	0.001	0.001	20.723	OK	DM 3/27/08
Methyl methacrylate	0.041	0.046	0.046	0.062	0.076	0.090	0.097	0.066	34.615	0.998	
1-Bromo-2-chloroethane	0.230	0.248	0.227	0.256	0.254	0.261	0.263	0.249	5.891		
cis-1,3-Dichloropropene	0.265	0.298	0.303	0.362	0.380	0.404	0.408	0.346	16.453		
2-Chloroethyl vinyl ether	✓	✓	0.036	0.047	0.053	0.061	0.064	0.052	21.905	1.000	
Toluene-d8 (Surr)	0.914	0.954	0.940	1.046	1.018	1.009	0.970	0.979	4.840		
Chlorobenzene-d5 (IS)	ISTD										
Toluene (CCC)	6.547	6.701	6.394	6.958	6.553	6.446	6.406	6.572	3.055 ✓		
Epichlorohydrin	✓	✓	0.031	0.040	0.043	0.045	0.048	0.041	16.305		
2-Nitropropane to be updated →	✓	*0.070*	*0.057*	*0.071*	*0.082*	*0.105*	*0.135*	*0.087*	33.263		*1.000*
Tetrachloroethene	1.321	1.336	1.257	1.355	1.285	1.296	1.346	1.314	2.711		
4-Methyl-2-pentanone (MIBK)	✓	0.268	0.254	0.321	0.382	0.435	0.481	0.357	25.672	0.998	
trans-1,3-Dichloropropene	1.013	1.139	1.126	1.381	1.456	1.565	1.659	1.334	18.378		
1,1,2-Trichloroethane	0.741	0.759	0.705	0.771	0.754	0.755	0.787	0.753	3.393		
4-Methyl-2-pentanol (MIBC)	✓	0.024	0.020	0.027	0.037	0.052	0.075	0.039	53.293		1.000
Ethyl methacrylate	0.364	0.429	0.494	0.690	0.859	0.975	1.086	0.700	40.357	0.997	
Dibromochloromethane	0.587	0.639	0.592	0.712	0.751	0.798	0.858	0.705	14.774		
1,3-Dichloropropane	1.491	1.578	1.434	1.572	1.519	1.532	1.563	1.527	3.377		
1,2-Dibromoethane (EDB)	0.564	0.605	0.572	0.650	0.654	0.668	0.709	0.632	8.447		
2-Hexanone high %RSD	✓	✓	0.123	0.168	0.209	0.254	0.300	0.211	33.024	0.996	
Chlorobenzene (SPCC)	4.028	3.994	3.690	3.941	3.712	3.617	3.454	3.777 ✓	5.710		
1-Chlorohexane	1.908	1.707	1.508	1.572	1.461	1.344	1.260	1.537	14.266		
Ethylbenzene (CCC)	2.152	2.197	2.161	2.331	2.201	2.183	2.134	2.194	2.965 ✓		
1,1,1,2-Tetrachloroethane	1.027	1.046	0.953	1.082	1.067	1.087	1.127	1.056	5.237		
m&p-Xylene	2.557	2.723	2.666	2.873	2.771	2.617	2.338	2.649	6.478		
o-Xylene	2.116	2.267	2.275	2.582	2.498	2.487	2.439	2.380	6.923		
Bromoform (SPCC)	0.226	0.246	0.227	0.281	0.297	0.334	0.365	0.282 ✓	18.939		
Styrene	2.244	2.733	3.072	3.695	3.796	3.845	3.823	3.315	19.307		
Isopropylbenzene	5.553	6.016	6.055	6.735	6.414	6.253	5.951	6.140	6.112		
Bromobenzene	1.030	1.115	1.044	1.149	1.131	1.140	1.160	1.110	4.679		

OK > 40 %

Calibration Files											
	1	2	5	10	20	50	100				
	I326705.D	I326706.D	I326707.D	I326708.D	I326709.D	I326710.D	I326711.D				
Compound								Avg RF	%RSD	LR	QR
										≥0.995	≥0.990
n-Propylbenzene	1.431	1.597	1.625	1.777	1.703	1.698	1.636	1.637	6.638		
1,1,2,2-Tetrachloroethane (SPCC)	0.615	0.640	0.566	0.630	0.638	0.638	0.638	0.624	4.332		
1,4-Bromofluorobenzene (Surr)	1.681	1.560	1.492	1.664	1.615	1.606	1.609	1.604	3.962		
1,4-Dichlorobenzene-d4 (IS)	ISTD										
2-Chlorotoluene	1.194	1.189	1.182	1.257	1.200	1.176	1.155	1.193	2.659		
Cyclohexanone	✓	✓	0.003	0.004	0.004	0.005	0.005	0.004	26.841	0.998	
1,2,3-Trichloropropane	0.183	0.191	0.176	0.188	0.187	0.184	0.185	0.185	2.539		
trans-1,4-Dichloro-2-butene low RF	✓	0.024	0.020	0.030	0.038	0.048	0.059	0.036	40.718		1.000
3-Ethyltoluene	4.313	4.656	4.872	5.341	5.068	4.926	4.562	4.820	7.072		
4-Chlorotoluene	1.119	1.189	1.196	1.265	1.208	1.191	1.172	1.192	3.664		
1,3,5-Trimethylbenzene	3.832	4.086	4.301	4.643	4.419	4.266	3.951	4.214	6.625		
2-Ethyltoluene	4.490	4.696	4.876	5.215	4.986	4.834	4.547	4.806	5.265		
tert-Butylbenzene	2.306	2.418	2.453	2.612	2.432	2.375	2.227	2.403	5.043		
Pentachloroethane	0.331	0.324	0.326	0.354	0.368	0.394	0.401	0.357	9.040		
1,2,4-Trimethylbenzene	3.613	3.850	4.036	4.342	4.201	4.109	3.870	4.003	6.113		
sec-Butylbenzene	5.199	5.461	5.576	5.982	5.649	5.387	5.000	5.465	5.819		
p-Isopropyltoluene	3.657	4.088	4.389	4.771	4.586	4.475	4.125	4.299	8.659		
1,3-Dichlorobenzene	1.987	2.052	1.899	2.015	1.936	1.918	1.878	1.955	3.282		
1,4-Dichlorobenzene	2.130	2.038	1.880	1.999	1.901	1.886	1.845	1.954	5.327		
Benzyl chloride	✓	0.083	0.088	0.120	0.147	0.190	0.215	0.141	38.289	0.996	
n-Butylbenzene	0.832	0.895	0.980	1.105	1.078	1.071	1.014	0.996	10.198		
1,2-Dichlorobenzene	1.529	1.531	1.439	1.547	1.503	1.505	1.511	1.509	2.311		
1,3,5-Trichlorobenzene	1.069	1.112	1.062	1.169	1.164	1.179	1.053	1.115	4.917		
1,2-Dibromo-3-chloropropane (DBCP)	✓	✓	0.034	0.045	0.047	0.057	0.067	0.050	25.186	0.996	
Hexachlorobutadiene	0.478	0.483	0.455	0.476	0.474	0.472	0.444	0.469	2.957		
1,2,4-Trichlorobenzene	0.600	0.643	0.591	0.681	0.704	0.771	0.737	0.675	10.036		
Naphthalene	✓	0.517	0.497	0.675	0.820	1.072	1.118	0.783	34.322	0.998	
1,2,3-Trichlorobenzene	0.369	0.420	0.366	0.438	0.474	0.535	0.509	0.445	14.696		
Tue Mar 27 14:11:51 2007											

8260 WATER CALCHECK (FORM VII)-- SOP LIMITS

DW 12-30-07

Only worked up: Target Analytes

IC15701.D					SPCC													
	SPIKE	AVG RF	AC	CCV RF	RF TOL		%DIFFERENCE			CC REC	CCC REC TOL			ICAL			
COMPOUND	(ug/L)				> OR =	P/F	RESULT	TOL (%	P/F	%	LOW	HIGH	P/F		RSD	P/F	
Fluorobenzene (IS)	16.7	######	566481	1.000						0				0.03			
Dichlorodifluoromethane	20	0.434	209525	0.309			-28.87			71				0.04	4.03		— high %D
Chloromethane (SPCC)	20	0.409	265612	0.392	0.10		-4.36			96				0.03	2.72		
Vinyl chloride (CCC)	20	0.281	204913	0.302			7.39	20		107				0.04	3.51		
Bromomethane	20	0.132	130042	0.192			45.33			145				0.13	12.78		— high %D
Ethylene oxide	250	0.015	166230	0.020			32.86			133				0.07	6.88		
Chloroethane	20	0.242	163535	0.241			-0.24			100				0.13	12.96		
Trichlorofluoromethane	20	0.467	292198	0.431			-7.76			92				0.07	6.93		
Ethyl ether	20	0.156	106105	0.156			0.11			100				0.06	5.88		
Ethanol	500	0.001	13484	0.001			55.84			156				0.17	17.38		
1,1-Dichloroethene (CCC	20	0.254	148487	0.219			-13.82	20		86				0.03	3.29		
Carbon disulfide	20	0.766	484221	0.714			-6.87			93				0.04	4.17		
1,1,2-Trichlorotrifluoroeth	20	0.283	166436	0.245			-13.20			87				0.05	5.22		
Propylene oxide	100	0.023	66884	0.020			-14.64			85				0.08	8.16		
Iodomethane	20	0.240	173817	0.256			6.73			107				0.09	8.88		
Bromoethane	20	0.180	114342	0.169			-6.21			94				0.03	3.47		
Acrolein	100	0.010	33779	0.010			-2.21			98				0.15	15.05		low RRF
3-Chloropropene	20	0.343	283437	0.418			21.90			122				0.05	5.49		
Methylene chloride	20	0.255	154871	0.228			-10.34			90				0.04	4.39		
Acetone	20	0.021	14691	0.022			3.94			104				0.09	8.94		> 0.010 OK
trans-1,2-Dichloroethene	20	0.292	155109	0.229			-21.57			78				0.05	5.15		
Methyl acetate	50	0.021	37599	0.022			6.33			105				0.04	4.31		> 0.010 OK
Hexane	20	0.115	64001	0.094			-18.30			82				0.04	3.65		
Methyl tert-butyl ether (M	20	0.434	274100	0.404			-7.00			93				0.09	9.39		
tert-Butyl alcohol	500	0.007	86181	0.005			-24.98			75				1.00	99.63	*	
Acetonitrile	100	0.004	20205	0.006			33.73			134				0.12	12.31		
Isopropyl ether	20	0.745	559596	0.825			10.79			111				0.08	8.47		
2-Chloro-1,3-butadiene	20	0.219	123987	0.183			-16.41			84				0.10	10.44		
1,1-Dichloroethane (SPC	20	0.545	368632	0.543	0.10		-0.26			100				0.04	4.13		
Acrylonitrile	100	0.037	129730	0.038			2.55			103				0.07	6.83		low RRF
Vinyl acetate	20	0.234	171127	0.252			7.66			108				0.17	17.12		
cis-1,2-Dichloroethene	20	0.289	156127	0.230			-20.36			80				0.04	4.45		
2,2-Dichloropropane	20	0.400	269774	0.398			-0.63			99				0.08	7.85		
Cyclohexane	20	0.727	371131	0.547			-24.76			75				0.05	4.82		
Bromochloromethane	20	0.118	67289	0.099			-15.95			84				0.04	3.89		
2-Methylhexane	20			0.000			NC								0.00		
Chloroform (CCC)	20	0.463	298132	0.439			-5.05	20		95				0.04	3.97		
Carbon tetrachloride	20	0.320	212494	0.313			-2.21			98				0.03	3.37		
3-Methylhexane	20	0.259	0	0.000			-100.00			0				0.05	4.59		CHECK
Ethyl acetate	100	0.087	262680	0.077			-10.92			89				1.00	99.99	*	
Tetrahydrofuran	20	0.043	40950	0.060			39.45			139				0.13	12.74		
1,1,1-Trichloroethane	20	0.401	274692	0.405			1.07			101				0.03	3.13		
1,1-Dichloropropene	20	0.423	275548	0.406			-4.06			96				0.04	3.78		
2-Butanone (MEK)	20	0.037	25531	0.038			3.01			103				0.05	5.22		
Benzene	20	1.274	774917	1.142			-10.35			90				0.05	4.69		
Heptane	20			0.000			NC								0.00		
Propionitrile	100	0.010	43342	0.013			27.43			127				0.08	7.85		
Methacrylonitrile	100	0.047	154967	0.046			-3.03			97				0.13	13.34		
1,2-Dichloroethane	20	0.266	191465	0.282			6.04			106				0.04	3.83		
Isobutyl alcohol	500	0.003	30430	0.002			-40.47			60				1.00	99.55	*	

8260 WATER CALCHECK (FORM VII)-- SOP LIMITS

IC15701.D					SPCC														
	SPIKE	AVG RF	AC		CCV RF	RF TOL		%DIFFERENCE			CC REC	CCC REC TOL			ICAL			
COMPOUND	(ug/L)				> OR =	P/F	RESULT	TOL (%	P/F		%	LOW	HIGH	P/F		RSD	P/F	
Methylcyclohexane	50	0.550	782851	0.462			-16.07				84				0.05	4.90		
Trichloroethene	20	0.295	174417	0.257			-12.96				87				0.03	3.05		
Dibromomethane	20	0.093	53005	0.078			-15.56				84				0.04	4.08		
n-Butanol	1000	0.001	36067	0.001			-7.25				93				1.00	99.98	*	
1,2-Dichloropropane (CC	20	0.268	174328	0.257			-4.24	20			96				0.03	3.39		
Bromodichloromethane	20	0.284	176741	0.261			-8.15				92				0.07	7.45		
1,4-Dioxane	500	0.001	9619	0.001			3.34				103				0.21	20.72		
Methyl methacrylate	20	0.099	37996	0.056			-43.15				57				1.00	99.80	*	
1-Bromo-2-chloroethane	20	0.249	158341	0.233			-6.08				94				0.06	5.89		
cis-1,3-Dichloropropene	20	0.346	221736	0.327			-5.45				95				0.16	16.45		
2-Chloroethyl vinyl ether	20	0.066	28762	0.042			-35.92				64				1.00	99.96	*	
Chlorobenzene-d5 (IS)	16.7	1.000	101720	1.000							100				0.00			
Toluene (CCC)	20	6.572	731614	6.006			-8.62	20			91				0.03	3.05		
Epichlorohydrin	100	0.041	17987	0.030			-28.79				71				0.16	16.30		
2-Nitropropane	20	0.076	8690	0.071			-6.72				93				1.00	99.99	*	
Tetrachloroethene	20	1.314	122897	1.009			-23.21				77				0.03	2.71		
4-Methyl-2-pentanone (MI	20	0.488	42524	0.349			-28.53				71				1.00	99.79	*	
trans-1,3-Dichloropropen	20	1.334	162075	1.330			-0.27				100				0.18	18.38		
1,1,2-Trichloroethane	20	0.753	81778	0.671			-10.89				89				0.03	3.39		
4-Methyl-2-pentanol (MIB	100	0.029	16554	0.027			-7.80				92				1.00	100.00	*	
Ethyl methacrylate	20	1.097	83217	0.683			-37.70				62				1.00	99.74	*	
Dibromochloromethane	20	0.705	75828	0.622			-11.73				88				0.15	14.77		
1,3-Dichloropropane	20	1.527	175361	1.440			-5.73				94				0.03	3.38		
1,2-Dibromoethane (EDB	20	0.632	67802	0.557			-11.92				88				0.08	8.45		
2-Hexanone	20	0.310	20533	0.169			-45.71				54				1.00	99.60	*	
Chlorobenzene (SPCC)	20	3.777	392664	3.223	0.30		-14.65				85				0.06	5.71		
1-Chlorohexane	20	1.537	189197	1.553			1.03				101				0.14	14.27		
Ethylbenzene (CCC)	20	2.194	232854	1.911			-12.88	20			87				0.03	2.97		
1,1,1,2-Tetrachloroethane	20	1.056	116639	0.957			-9.31				91				0.05	5.24		
m&p-Xylene	40	2.649	574582	2.358			-10.98				89				0.06	6.48		
o-Xylene	20	2.380	255266	2.095			-11.97				88				0.07	6.92		
Bromoform (SPCC)	20	0.282	26461	0.217	0.10		-23.07				77				0.19	18.94		
Styrene	20	3.315	370483	3.041			-8.27				92				0.19	19.31		
Isopropylbenzene	20	6.140	674729	5.539			-9.79				90				0.06	6.11		
Bromobenzene	20	1.110	115851	0.951			-14.31				86				0.05	4.68		
n-Propylbenzene	20	1.637	170472	1.399			-14.50				85				0.07	6.64		
1,1,2,2-Tetrachloroethane	20	0.624	64696	0.531	0.30		-14.83				85				0.04	4.33		
1,4-Dichlorobenzene-d4 (	16.7	1.000	112192	1.000							100				0.00			
2-Chlorotoluene	20	1.193	136599	1.017			-14.80				85				0.03	2.66		
Cyclohexanone	100	0.006	0	0.000			-100.00				0				1.00	99.79	*	CHECK
1,2,3-Trichloropropane	20	0.185	22306	0.166			-10.20				90				0.03	2.54		
trans-1,4-Dichloro-2-bute	20	0.039	3181	0.024			-39.09				61				1.00	99.98	*	
3-Ethyltoluene	20	4.820	599984	4.465			-7.35				93				0.07	7.07		
4-Chlorotoluene	20	1.191	138414	1.030			-13.54				86				0.04	3.66		
1,3,5-Trimethylbenzene	20	4.214	515119	3.834			-9.02				91				0.07	6.63		

8260 WATER CALCHECK (FORM VII)-- SOP LIMITS

IC15701.D					SPCC						CC REC	CCC REC TOL			ICAL			
	SPIKE	AVG RF	AC	CCV RF	RF TOL		%DIFFERENCE											
COMPOUND	(ug/L)				> OR =	P/F	RESULT	TOL (%	P/F		%	LOW	HIGH	P/F		RSD	P/F	
2-Ethyltoluene	20	4.806	600119	4.466			-7.07				93				0.05	5.26		
tert-Butylbenzene	20	2.403	304091	2.263			-5.82				94				0.05	5.04		
Pentachloroethane	50	0.357	158986	0.473			32.57				133				0.09	9.04		
1,2,4-Trimethylbenzene	20	4.003	493050	3.670			-8.32				92				0.06	6.11		
sec-Butylbenzene	20	5.465	634379	4.721			-13.61				86				0.06	5.82		
p-Isopropyltoluene	20	4.299	511791	3.809			-11.39				89				0.09	8.66		
1,3-Dichlorobenzene	20	1.955	219705	1.635			-16.36				84				0.03	3.28		
1,4-Dichlorobenzene	20	1.954	217340	1.618			-17.23				83				0.05	5.33		
Benzyl chloride	20	0.220	12576	0.094			-57.38				43				1.00	99.64	*	
n-Butylbenzene	20	0.996	110746	0.824			-17.27				83				0.10	10.20		
1,2-Dichlorobenzene	20	1.509	166763	1.241			-17.76				82				0.02	2.31		
1,3,5-Trichlorobenzene	50	1.115	0	0.000			-100.00				0				0.05	4.92		CHECK
1,2-Dibromo-3-chloroprop	20	0.069	4143	0.031			-55.11				45				1.00	99.60	*	
Hexachlorobutadiene	20	0.469	48628	0.362			-22.83				77				0.03	2.96		
1,2,4-Trichlorobenzene	20	0.675	66200	0.493			-27.05				73				0.10	10.04		
Naphthalene	20	1.150	68763	0.512			-55.50				44				1.00	99.83	*	
1,2,3-Trichlorobenzene	20	0.445	42598	0.317			-28.68				71				0.15	14.70		
Dibromofluoromethane (S	16.7	0.228	126559	0.223			-2.19				98	81	110		0.03	3.30		
1,2-Dichloroethane-d4 (S	16.7	0.126	74946	0.132			4.73				105	75	115		0.08	7.69		
Toluene-d8 (Surr)	16.7	0.979	549000	0.969			-0.96				99	90	114		0.05			
1,4-Bromofluorobenzene	16.7	1.604	164800	1.620			1.02				101	86	117		0.04			
				Average % differenc			-11.61											

OK > 0.010
%D > 40
high %D
-9K

Q - Failed criteria
NC-Not Calibrated

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY (Form VIII)

12-30-07

BFB TIME IF NOT IN CCAL

File ID															
Calcheck	Sample Name	FB Area	%		RT	CBD5 Area	%		RT	14DCBD4 Area	%		RT	Date/Time	
IC15701.D	CCV;CCV+Penta/CustomMix,I121507	566481			6.149	101720			9.3304	112192			10.93	15 Dec 2007 1:32 pm	
Upper Limit		1132962	200			203440	200			224384	200				
Lower Limit		283240.5	50			50860	50			56096	50				

Sample	Sample Name	FB Area	%		RT	CBD5 Area	%		RT	14DCBD4 Area	%		RT	Date/Time	
IC15702.D	KECMH1AC;LCS+Penta/CustomMix,I12150	557405	98		6.146	101934	100		9.334	110115	98		10.928	15 Dec 2007 2:09 pm	
IC15703.D	KECMH1AD;LCS+Penta/CustomMix,I12150	540259	95		6.151	97796	96		9.3323	107465	96		10.926	15 Dec 2007 2:39 pm	
IC15704.D	BLANK;BLANK	552405	98		6.15	94088	92		9.3315	95719	85		10.925	15 Dec 2007 3:04 pm	
IC15705.D	KCEMH1AA;BLANK	554253	98		6.15	95203	94		9.3312	91716	82		10.925	15 Dec 2007 3:29 pm	
IC15706.D	KDDP91AD;I7L040166-01,I121507	526047	93		6.149	90266	89		9.3309	86690	77		10.925	15 Dec 2007 3:54 pm	
IC15707.D	KDDQ21AD;I7L040166-02,67978	507672	90		6.152	85890	84		9.334	82195	73		10.928	15 Dec 2007 4:20 pm	
IC15708.D	KDDQ41AD;I7L040166-03,67978	496394	88		6.149	84573	83		9.3305	80894	72		10.93	15 Dec 2007 4:45 pm	
IC15709.D	KDDQ61AA;I7L040166-04,67978	483653	85		6.149	83391	82		9.3303	78521	70		10.93	15 Dec 2007 5:10 pm	
IC15710.D	KDDK81AC;I7L040150-09,77743	487781	86		6.149	84681	83		9.3307	78172	70		10.931	15 Dec 2007 5:35 pm	
IC15711.D	KDDLL1AC;I7L040150-18,77743	459246	81		6.152	76463	75		9.3334	71077	63		10.927	15 Dec 2007 6:00 pm	
IC15712.D	KDKCH3AA;I7L060122-06 50X,111TCA	448720	79		6.152	75212	74		9.3332	67433	60		10.927	15 Dec 2007 6:25 pm	
IC15713.D	KDKCT3AA;I7L060122-13 10X,111TCA	466151	82		6.149	78440	77		9.331	71937	64		10.925	15 Dec 2007 6:50 pm	
IC15714.D	KDKCW3AA;I7L060122-14 5X,111TCA	392960	69		6.152	65492	64		9.3337	59609	53		10.928	15 Dec 2007 7:14 pm	
IC15715.D	KDG1R1AA;I7L050202-01 10KX,74895	467222	82		6.15	78442	77		9.332	72225	64		10.926	15 Dec 2007 7:39 pm	
IC15716.D	KDG0W1AA;I7L050198-01,64148	425046	75		6.151	72562	71		9.3322	70913	63		10.926	15 Dec 2007 8:04 pm	
IC15717.D	KDG021AA;I7L050198-02,64148	421897	74		6.15	73806	73		9.3313	69876	62		10.925	15 Dec 2007 8:29 pm	
IC15718.D	KDG031AA;I7L050198-03,64148	426334	75		6.15	74064	73		9.3321	71928	64		10.926	15 Dec 2007 8:55 pm	
IC15719.D	KDG041AA;I7L050198-04,64148	429270	76		6.146	86953	85		9.3342	88598	79		10.928	15 Dec 2007 9:20 pm	
IC15720.D	KDG061AA;I7L050198-05,64148	449673	79		6.149	77080	76		9.3309	75846	68		10.925	15 Dec 2007 9:45 pm	
IC15721.D	KDG081AA;I7L050198-06,64148	452810	80		6.152	85444	84		9.3335	89023	79		10.927	15 Dec 2007 10:10 pm	
IC15722.D	KDG1A1AA;I7L050198-07,64148	481333	85		6.147	87141	86		9.3343	84295	75		10.928	15 Dec 2007 10:35 pm	
IC15723.D	KDG1C1AA;I7L050198-08,64148	466724	82		6.149	81084	80		9.3304	78847	70		10.93	15 Dec 2007 11:00 pm	
IC15724.D	KDG1E1AA;I7L050198-09,64148	454569	80		6.15	81373	80		9.3312	85802	76		10.925	15 Dec 2007 11:25 pm	
IC15725.D	KDG1G1AA;I7L050198-10,64148	466412	82		6.149	79183	78		9.3306	80928	72		10.924	15 Dec 2007 11:50 pm	
IC15726.D	KDDP91AN;I7L040166-01MS,I121507	507528	90		6.15	95561	94		9.3314	104832	93		10.925	16 Dec 2007 12:15 am	
IC15727.D	KDDP91AP;I7L040166-01MSD,I121507	526544	93		6.147	97709	96		9.3344	108381	97		10.928	16 Dec 2007 12:41 am	
			0	Q			0	Q			0	Q			
			0	Q			0	Q			0	Q			
			0	Q			0	Q			0	Q			
			0	Q			0	Q			0	Q			

QC & Sample Data

TestAmerica Austin

MSVOA DATA REVIEW CHECK LI 51 / 584

Lot Numbers / Lab Sample Numbers / Batch Numbers / HBN Numbers

7552058

Horizon Samples Only

MDL Date:

Analyst DOC Date:

Method / Queue: 8260B

Instrument ID: MSF

Analysis Date: 12-15-07

ICAL Date: 3-26-07

Review Item	YES	NO	N/A	2nd Review
Tuning				
BFB tuning criteria met	✓			✓
Mass list, RIC, and mass spectrum included	✓			✓
Correct BFB included with analytical runs	✓			✓
12 hour (8260) / 24 hour (624) clock requirements met	✓			✓
Initial Calibration				
RRF and %RSD within acceptance limits	✓			✓
Runs checked for saturation	✓			✓
Second source check standard analyzed successfully	✓			✓
Continuing Calibration				
RRF and % Difference within acceptance criteria	✓			✓
Sample Analysis				
Sample name and header information correct	✓			✓
RRT of identified cmpds. w/i +/-0.06 RRT units of RRT of std.comp.	✓			✓
Ions present in standard spectra with abundance of >10% of base ion present in sample spectra	✓			✓
Surrogate recoveries within limits		✓		✓
Quantified against appropriate standard	✓			✓
Run(s) within linear range		✓		✓
Sample hold times met		✓		✓
Target analyte list match	✓			✓
Quality Control Samples				
Method blanks analyzed at required frequency	✓			✓
Method blanks less than reporting limits	✓			✓
LCS (LCSD) spike % recoveries and RPDs within limits		✓		✓
MS/MSD spike % recoveries within limits		✓		✓
MS/MSD/DUPs RPD within limits		✓		✓
Other				
All nonconformances written			✓	✓
Required forms completed (CCV and IS macro forms)	✓			✓
Correct methodology used	✓			✓
All unused analyses noted on the sequence with the reason	✓			✓
Transcriptions checked for accuracy			✓	✓
All calculations checked at minimum frequency	✓			✓
Data checked for potential false positive and false negative results	✓			✓
Manual integration checked by 2nd reviewer			✓	✓
Units checked	✓			✓

Comment on any "NO" response:

Samples w/ surr out out of cal will be re-run

Out of HT samples for confirm.

LCSD out see NCM MS/D out see LCS/D

Analyst: [signature] Date: 12-28-07

2nd Review: [signature] Date: 12-30-07

TestAmerica Laboratories, Inc.
EXTRACTION BENCH WORKSHEET

Run Date: 12/18/07
Time: 5:35:26

LEV 1	LEV 2		LEV 1	LEV 2	
_	_	Blank	_	_	Weights/Volumes
_	_	Check	_	_	Spike & Surrogate Worksheet
_	_	MS/MSD	_	_	Vial contains correct volume
_	_		_	_	Labels, greenbars, worksheets
			_	_	computer batch: correct & all match
			_	_	Anomalies to Extraction Method

_ Expanded Deliverable
_ COC Completed
_ Bench Sheet Copied
_ Package Submitted to AnalyticalGroup
_ Bench Sheet Copied per COC

Extractionist: _____
_____
Concentrationist: _____
_____

****
* *
* QC BATCH: 7352058 *
* *
****

PREP DATE: 12/15/07 1:32
COMP DATE: 12/15/07 16:00

Reviewer/Date: _____ / 0/00/00

Volatile Organics, GC/MS (8260B)
PURGE AND TRAP - 15 mL purge (Waters)

EXTR EXPR	ANL DUE	LOT#,MSRUN#/ WORK ORDER	TEST FLGS	EXT	MTH	MATRIX	INIT/FIN WT/VOL	INIT	PH"S ADJ1	ADJ2	SOLVENTS EXTRACTION	VOL	EXCHANGE	VOL	SPIKE STANDARD/ SURROGATE ID
0/00/00	12/20/07	I7L040150-009 KDDK8-1-AC	7352038 C6	QK		WATER	15mL 15.00mL	NA	NA	NA		.0		.0	07MSC0810IS 07MSV0811SUR
COMMENTS:															
0/00/00	12/20/07	I7L040150-018 KDDLL-1-AC	7352038 C6	QK		WATER	15mL 15.00mL	NA	NA	NA		.0		.0	07MSC0810IS 07MSV0811SUR
COMMENTS:															
0/00/00	12/19/07	I7L040166-001 KDDP9-1-AD	7352038 C6	QK		WATER	15mL 15.00mL	NA	NA	NA		.0		.0	07MSC0810IS 07MSV0811SUR
COMMENTS:															
0/00/00	12/19/07	I7L040166-001 KDDP9-1-ANS	7352038 C6	QK		WATER	15mL 15.00mL	NA	NA	NA		.0		.0	07MSV0819,813,792 07MSC0810IS 07MSV0811SUR
COMMENTS:															
0/00/00	12/19/07	I7L040166-001 KDDP9-1-APD	7352038 C6	QK		WATER	15mL 15.00mL	NA	NA	NA		.0		.0	07MSV0819,813,792 07MSC0810IS 07MSV0811SUR
COMMENTS:															
0/00/00	12/19/07	I7L040166-002 KDDQ2-1-AD	7352038 C6	QK		WATER	15mL 15.00mL	NA	NA	NA		.0		.0	07MSC0810IS 07MSV0811SUR
COMMENTS:															
0/00/00	12/19/07	I7L040166-003 KDDQ4-1-AD	7352038 C6	QK		WATER	15mL 15.00mL	NA	NA	NA		.0		.0	07MSC0810IS 07MSV0811SUR
COMMENTS:															

RQC058

TestAmerica Laboratories, Inc.
EXTRACTION BENCH WORKSHEET

Run Date: 12/18/07
Time: 5:35:26

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* *
* QC BATCH: 7352058 *
* *
****

PREP DATE: 12/15/07 1:32
COMP DATE: 12/15/07 16:00

EXTR EXPR	ANL DUE	LOT#,MSRUN#/ WORK ORDER	TEST FLGS	EXT	MTH	MATRIX	INIT/FIN WT/VOL	PH"S INIT	PH"S ADJ1	PH"S ADJ2	SOLVENTS EXTRACTION	VOL	EXCHANGE	VOL	SPIKE STANDARD/ SURROGATE ID
0/00/00	12/19/07	I7L040166-004 KDDQ6-1-AA	7352038	C6	QK	WATER	15mL 15.00mL	NA	NA	NA		.0		.0	07MSC0810IS 07MSV0811SUR
COMMENTS:															
0/00/00	12/19/07	I7L050198-001 KDG0W-1-AA	7352038	C6	QK	WATER	15mL 15.00mL	NA	NA	NA		.0		.0	07MSC0810IS 07MSV0811SUR
COMMENTS:															
0/00/00	12/19/07	I7L050198-002 KDG02-1-AA	7352038	C6	QK	WATER	15mL 15.00mL	NA	NA	NA		.0		.0	07MSC0810IS 07MSV0811SUR
COMMENTS:															
0/00/00	12/19/07	I7L050198-003 KDG03-1-AA	7352038	C6	QK	WATER	15mL 15.00mL	NA	NA	NA		.0		.0	07MSC0810IS 07MSV0811SUR
COMMENTS:															
0/00/00	12/19/07	I7L050198-004 KDG04-1-AA	7352038	C6	QK	WATER	15mL 15.00mL	NA	NA	NA		.0		.0	07MSC0810IS 07MSV0811SUR
COMMENTS:															
0/00/00	12/19/07	I7L050198-005 KDG06-1-AA	7352038	C6	QK	WATER	15mL 15.00mL	NA	NA	NA		.0		.0	07MSC0810IS 07MSV0811SUR
COMMENTS:															
0/00/00	12/19/07	I7L050198-006 KDG08-1-AA	7352038	C6	QK	WATER	15mL 15.00mL	NA	NA	NA		.0		.0	07MSC0810IS 07MSV0811SUR
COMMENTS:															
0/00/00	12/19/07	I7L050198-007 KDG1A-1-AA	7352038	C6	QK	WATER	15mL 15.00mL	NA	NA	NA		.0		.0	07MSC0810IS 07MSV0811SUR
COMMENTS:															
0/00/00	12/19/07	I7L050198-008 KDG1C-1-AA	7352038	C6	QK	WATER	15mL 15.00mL	NA	NA	NA		.0		.0	07MSC0810IS 07MSV0811SUR
COMMENTS:															
0/00/00	12/19/07	I7L050198-009 KDG1E-1-AA	7352038	C6	QK	WATER	15mL 15.00mL	NA	NA	NA		.0		.0	07MSC0810IS 07MSV0811SUR
COMMENTS:															

TestAmerica Laboratories, Inc.
EXTRACTION BENCH WORKSHEET

Run Date: 12/18/07
Time: 5:35:26

QC BATCH: 7352058

PREP DATE: 12/15/07 1:32
COMP DATE: 12/15/07 16:00

EXTR EXPR	ANL DUE	LOT#,MSRUN#/ WORK ORDER	TEST FLGS	EXT	MTH	MATRIX	INIT/FIN WT/VOL	INIT	PH"S ADJ1	ADJ2	SOLVENTS EXTRACTION VOL	EXCHANGE VOL	SPIKE STANDARD/ SURROGATE ID
0/00/00	12/19/07	I7L050198-010 7352038 KDG1G-1-AA		C6	QK	WATER	15mL 15.00mL	NA	NA	NA	.0	.0	07MSC0810IS 07MSV0811SUR
COMMENTS:													
0/00/00	12/19/07	I7L050202-001 7352038 KDG1R-1-AA	D	C6	QK	WATER	15mL 15.00mL	NA	NA	NA	.0	.0	07MSC0810IS 07MSV0811SUR
COMMENTS:													
0/00/00	12/18/07	I7L060122-006 7352038 KDKCH-3-AA	DR	C6	RI	WATER	15mL 15.00mL	NA	NA	NA	.0	.0	07MSC0810IS 07MSV0811SUR
COMMENTS:													
0/00/00	12/18/07	I7L060122-013 7352038 KDKCT-3-AA	DR	C6	RI	WATER	15mL 15.00mL	NA	NA	NA	.0	.0	07MSC0810IS 07MSV0811SUR
COMMENTS:													
0/00/00	12/18/07	I7L060122-014 7352038 KDKCW-3-AA	DR	C6	RI	WATER	15mL 15.00mL	NA	NA	NA	.0	.0	07MSC0810IS 07MSV0811SUR
COMMENTS:													
0/00/00	0/00/00	I7L180000-058 KECMH-1-AAB		C6	QK	WATER	15mL 15.00mL	NA	NA	NA	.0	.0	07MSC0810IS 07MSV0811SUR
COMMENTS:													
0/00/00	0/00/00	I7L180000-058 KECMH-1-ACC		C6	QK	WATER	15mL 15.00mL	NA	NA	NA	.0	.0	07MSV0819,813,792 07MSC0810IS 07MSV0811SUR
COMMENTS:													
0/00/00	0/00/00	I7L180000-058 KECMH-1-ADL	R	C6	QK	WATER	15mL 15.00mL	NA	NA	NA	.0	.0	07MSV0819,813,792 07MSC0810IS 07MSV0811SUR
COMMENTS:													

R = RUSH C = CLP
E = EPA 600 D = EXP.DEL)
M = CLIENT REQ MS/MSD

NUMBER OF WORK ORDERS IN BATCH: 25

TestAmerica Austin PAGE #: 49

INSTRUMENT GCMS-11 ANALYST / DATE: 12-15-7 MM f-vBSP
SHIFT (Circle): 1 2 3 0132pm METHOD / TEST: 8260B
COMPUTER CLOCK DATE / TIME: SOP #: AU-MS-004, current revision

DAILY CHECK Y	COLUMN CHANGED N	P&T MAINT. (Describe) N	
M PUMP OIL N	TURBO OIL N	FILAMENT CHANGE N	OTHER N

DAILY CHECK includes sufficient carrier and detector gases, correct column flow/pressure, etc. Column and gases changed as needed. Source cleaned as needed. Mechanical pump oil and turbomolecular pump oil changed semiannually (usually on service contract). OTHER is for minor maintenance performed or for reference to Repair Log for major repairs.

MASS SPECTROMETER CONDITIONS:

Tune File: Atune.u
Elect Mult. 1153 volts
Tuning Performance: BFB
Sampling Rate 2^ 4
Scan Range 35-300 amu
Interface: Open-Split

GC PROGRAM:

GC Meth. I70326W
Inj. Temp 150 C
Carrier Gas: Helium
Flow/Pressure 1.3
Initial Temp. 35 C
Init.Hold 2 min
Ramp 9 C/min
Final Temp. 85 C
Final Hold 0 min
2nd Ramp 30 C/min
2nd Temp 210 C
2nd Hold 4 min
3rd Ramp C/min
3rd Temp C
3rd Hold min

GC COLUMN:

Column ID#: MSVOAID 010 Capillary
Phases/Loadings: RTXVMS i.d. 0.25 mm Length 30 m
Injection Type (Circle & Describe): Purge & Trap Tekmar Velocity/Solatek
Split 120:1 Splitless

INSTRUMENT SEQUENCE:

Sample Name, Sample Number, Dilution, etc. Autosampler #

IC15701	I70326W	CCV;CCV+Penta/CustomMix 0132pm
IC15702	I70326W	LCS;LCS+Penta/CustomMix
IC15703	I70326W	LCS;LCS+Penta/CustomMix
IC15704	I70326W	BLANK;BLANK
IC15705	I70326W	BLANK;BLANK
IC15706	I70326W	KDDP91AD;I7L040166-01
IC15707	I70326W	KDDQ21AD;I7L040166-02,67978
IC15708	I70326W	KDDQ41AD;I7L040166-03,67978
IC15709	I70326W	KDDQ61AA;I7L040166-04,67978
IC15710	I70326W	KDDK81AC;I7L040150-09,77743
IC15711	I70326W	KDDLL1AC;I7L040150-18,77743
IC15712	I70326W	KDKCH3AA;I7L060122-06 50X,736 4 days HT
IC15713	I70326W	KDKCT3AA;I7L060122-13 10X,736
IC15714	I70326W	KDKCW3AA;I7L060122-14 5X,7364
IC15715	I70326W	KDG1R1AA;I7L050202-01 10KX,74
IC15716	I70326W	KDG0W1AA;I7L050198-01,64148
IC15717	I70326W	KDG021AA;I7L050198-02,64148
IC15718	I70326W	KDG031AA;I7L050198-03,64148
IC15719	I70326W	KDG041AA;I7L050198-04,64148 re10xCIB
IC15720	I70326W	KDG061AA;I7L050198-05,64148
IC15721	I70326W	KDG081AA;I7L050198-06,64148
IC15722	I70326W	KDG1A1AA;I7L050198-07,64148
IC15723	I70326W	KDG1C1AA;I7L050198-08,64148
IC15724	I70326W	KDG1E1AA;I7L050198-09,64148
IC15725	I70326W	KDG1G1AA;I7L050198-10,64148
IC15726	I70326W	KDDP91AB;I7L040166-01 MS
IC15727	I70326W	KDDP91AP;I7L040166-01 MSD 735208 1241 am

Mar-8 12-7 11

Sequence Name: C:\HPCHEM\1\SEQUENCE\I121507.S
Comment:
Operator: BJP
Data Path: C:\HPCHEM\1\DATA\I121507.B\
Pre-Seq Cmd:
Post-Seq Cmd:

Method Sections To Run
(X) Full Method
( ) Reprocessing Only

On A Barcode Mismatch
(X) Inject Anyway
( ) Don't Inject

Line	Type	Vial	DataFile	Method	Sample Name
1	Blank	1	IC15701	I70326W	CCV;CCV+Penta/CustomMix 0132pm
2	Blank	2	IC15702	I70326W	LCS;LCS+Penta/CustomMix
3	Blank	3	IC15703	I70326W	LCS;LCS+Penta/CustomMix
4	Blank	4	IC15704	I70326W	~~BLANK;BLANK~~
5	Blank	5	IC15705	I70326W	BLANK;BLANK
6	Blank	6	IC15706	I70326W	KDDP91AD;I7L040166-01 PARENT
7	Blank	7	IC15707	I70326W	KDDQ21AD;I7L040166-02,67978
8	Blank	8	IC15708	I70326W	KDDQ41AD;I7L040166-03,67978
9	Blank	9	IC15709	I70326W	KDDQ61AA;I7L040166-04,67978
10	Blank	10	IC15710	I70326W	KDDK81AC;I7L040150-09,77743
11	Blank	11	IC15711	I70326W	KDDLL1AC;I7L040150-18,77743
12	Blank	12	IC15712	I70326W	KDKCH3AA;I7L060122-06 50X,736 4 days HT
13	Blank	13	IC15713	I70326W	KDKCT3AA;I7L060122-13 10X,736
14	Blank	14	IC15714	I70326W	KDKCW3AA;I7L060122-14 5X,7364
15	Blank	15	IC15715	I70326W	KDG1R1AA;I7L050202-01 10KX,74
16	Blank	16	IC15716	I70326W	KDG0W1AA;I7L050198-01,64148
17	Blank	17	IC15717	I70326W	KDG021AA;I7L050198-02,64148
18	Blank	18	IC15718	I70326W	KDG031AA;I7L050198-03,64148
19	Blank	19	IC15719	I70326W	KDG041AA;I7L050198-04,64148 re10xc1BT
20	Blank	20	IC15720	I70326W	KDG061AA;I7L050198-05,64148
21	Blank	21	IC15721	I70326W	KDG081AA;I7L050198-06,64148
22	Blank	22	IC15722	I70326W	KDG1A1AA;I7L050198-07,64148
23	Blank	23	IC15723	I70326W	KDG1C1AA;I7L050198-08,64148
24	Blank	24	IC15724	I70326W	KDG1E1AA;I7L050198-09,64148
25	Blank	25	IC15725	I70326W	KDG1G1AA;I7L050198-10,64148
26	Blank	26	IC15726	I70326W	KDDP91AN;I7L040166-01 MS
27	Blank	27	IC15727	I70326W	KDDP91AP;I7L040166-01 MSD 735208

1117cA only

1241 am

due 12/18
HT 12/11

Data File : H:\MSI.I\I121507.B\IC15701.D Vial: 1
Acq On : 15 Dec 2007 1:32 pm Operator: BJP
Sample : CCV;CCV+Penta/CustomMix,I121507 Inst : MSI
Misc : 1,1, 07MSV0819,0813,0792 5uL/50mL Multiplr: 1.00
MS Integration Params: TAILA.P
Quant Time: Dec 28 8:26 19107 Quant Results File: I70326W.RES

Quant Method : H:\MSI.I\METHODS\I70326W.M (RTE Integrator)
Title : EPA Method 8260B/624 Calibration Curve 15mL Water
Last Update : Thu Dec 13 11:24:09 2007
Response via : Initial Calibration
DataAcq Meth : I70326W

Only worked up:
Target Analytes

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Fluorobenzene (IS)	6.15	96	566481	16.7000 PPB	0.00
65) Chlorobenzene-d5 (IS)	9.33	119	101720	16.7000 PPB	0.00
92) 1,4-Dichlorobenzene-d4 (IS	10.93	152	112192	16.7000 PPB	-0.02
System Monitoring Compounds					
42) Dibromofluoromethane (Surr	5.28	113	126559	16.3334 PPB	-0.05
Spiked Amount 16.700			Recovery = 97.78%		
50) 1,2-Dichloroethane-d4 (Sur	5.84	67	74946	17.4898 PPB	0.00
Spiked Amount 16.700			Recovery = 104.73%		
64) Toluene-d8 (Surr)	7.96	98	549000	16.5396 PPB	-0.03
Spiked Amount 16.700			Recovery = 99.04%		
91) 1,4-Bromofluorobenzene (Su	10.21	95	164800	16.8700 PPB	-0.03
Spiked Amount 16.700			Recovery = 101.02%		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.48	85	209525	14.2261 PPB	S 98
3) Chloromethane (SPCC)	1.65	50	265612	19.1272 PPB	S 99
4) Vinyl chloride (CCC)	1.74	62	204913	21.4789 PPB	S 99
5) Bromomethane	2.06	94	130042	29.0657 PPB	S 99
6) Ethylene oxide	2.15	44	166230	332.1619 PPB	S 98
7) Chloroethane	2.19	64	163535	19.9518 PPB	S 96
8) Trichlorofluoromethane	2.33	101	292198	18.4470 PPB	S 92
9) Ethyl ether	2.66	59	106105	20.0210 PPB	S 92
10) Ethanol	2.83	45	13484	779.2032 PPB	S 84
11) 1,1-Dichloroethene (CCC)	2.85	96	148487	17.2359 PPB	# S 80
12) Carbon disulfide	2.86	76	484221	18.6252 PPB	S 94
13) 1,1,2-Trichlorotrifluoroet	2.90	101	166436	17.3610 PPB	98
14) Propylene oxide	2.98	58	66884	85.3644 PPB	# 91
15) Iodomethane	2.98	142	173817	21.3454 PPB	91
16) Bromoethane	3.11	108	114342	18.7583 PPB	99
17) Acrolein	3.19	56	33779	97.7923 PPB	98
18) 3-Chloropropene	3.33	41	283437	24.3793 PPB	90
19) Methylene chloride	3.44	84	154871	17.9321 PPB	# 69
20) Acetone	3.50	43	14691	20.7888 PPB	89
21) trans-1,2-Dichloroethene	3.61	96	155109	15.6857 PPB	83
22) Methyl acetate	3.63	74	37599	53.1649 PPB	# 100
23) Hexane	3.69	86	64001	16.3394 PPB	# 49
24) Methyl tert-butyl ether (M	3.72	73	274100	18.6009 PPB	# 67
25) tert-Butyl alcohol	3.84	59	86181	437.0060 PPB	# 55
26) Acetonitrile	3.96	40	20205	133.7290 PPB	# 100
27) Isopropyl ether	4.12	45	559596	22.1575 PPB	92

(#)=qualifier out of range (m)=manual integration (S)=analyte in sublist

Data File : H:\MSI.I\I121507.B\IC15701.D Vial: 1
Acq On : 15 Dec 2007 1:32 pm Operator: BJP
Sample : CCV;CCV+Penta/CustomMix,I121507 Inst : MSI
Misc : 1,1, 07MSV0819,0813,0792 5uL/50mL Multiplr: 1.00
MS Integration Params: TAILA.P
Quant Time: Dec 28 8:26 19107 Quant Results File: I70326W.RES

Quant Method : H:\MSI.I\METHODS\I70326W.M (RTE Integrator)
Title : EPA Method 8260B/624 Calibration Curve 15mL Water
Last Update : Thu Dec 13 11:24:09 2007
Response via : Initial Calibration
DataAcq Meth : I70326W

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
28)	2-Chloro-1,3-butadiene	4.21	88	123987	16.7178	PPB	#	66
29)	1,1-Dichloroethane (SPCC)	4.23	63	368632	19.9475	PPB		99
30)	Acrylonitrile	4.29	53	129730	102.5478	PPB	#	98
31)	Vinyl acetate	4.51	43	171127	21.5325	PPB	#	86
32)	cis-1,2-Dichloroethene	4.79	96	156127	15.9286	PPB		84
33)	2,2-Dichloropropane	4.90	77	269774	19.8743	PPB	#	97
34)	Cyclohexane	4.99	56	371131	15.0480	PPB		93
35)	Bromochloromethane	5.00	130	67289	16.8105	PPB	#	70
37)	Chloroform (CCC)	5.09	83	298132	18.9896	PPB	#	81
38)	Carbon tetrachloride	5.21	117	212494	19.5573	PPB		98
40)	Ethyl acetate	5.23	43	262680	83.4930	PPB		59
41)	Tetrahydrofuran	5.24	42	40950	27.8928	PPB	#	1
43)	1,1,1-Trichloroethane	5.28	97	274692	20.2148	PPB		99
44)	1,1-Dichloropropene	5.42	75	275548	19.1884	PPB		84
45)	2-Butanone (MEK)	5.42	43	25531	20.6011	PPB		99
46)	Benzene	5.69	78	774917	17.9302	PPB		95
48)	Propionitrile	5.73	54	43342	127.4295	PPB	#	1
49)	Methacrylonitrile	5.75	67	154967	96.9667	PPB	#	74
51)	1,2-Dichloroethane	5.91	62	191465	21.2086	PPB		97
52)	Isobutyl alcohol	5.99	43	30430	426.1829	PPB		86
53)	Methylcyclohexane	6.32	83	782851	41.9640	PPB		88
54)	Trichloroethene	6.34	130	174417	17.4072	PPB		95
55)	Dibromomethane	6.81	93	53005	16.8876	PPB		94
56)	n-Butanol	6.78	56	36067	920.3174	ug/L	#	79
57)	1,2-Dichloropropane (CCC)	6.93	63	174328	19.1529	PPB		90
58)	Bromodichloromethane	7.02	83	176741	18.3693	PPB		97
59)	1,4-Dioxane	7.27	88	9619	516.6928	PPB		82
60)	Methyl methacrylate	7.23	69	37996	13.9559	PPB		69
61)	1-Bromo-2-chloroethane	7.57	63	158341	18.7835	PPB		91
62)	cis-1,3-Dichloropropene	7.77	75	221736	18.9092	PPB		87
63)	2-Chloroethyl vinyl ether	7.72	63	28762	15.9638	PPB		91
66)	Toluene (CCC)	8.02	91	731614	18.2757	PPB		97
67)	Epichlorohydrin	8.04	57	17987	71.2099	PPB	#	31
68)	2-Nitropropane	8.25	43	8690	17.3811	PPB	#	26
69)	Tetrachloroethene	8.39	164	122897	15.3572	PPB		98
70)	4-Methyl-2-pentanone (MIBK	8.41	43	42524	17.3133	PPB	#	93
71)	trans-1,3-Dichloropropene	8.44	75	162075	19.9458	PPB		88
72)	1,1,2-Trichloroethane	8.58	97	81778	17.8221	PPB		94
73)	4-Methyl-2-pentanol (MIBC)	8.52	45	16554	79.9561	PPB	#	47
74)	Ethyl methacrylate	8.60	69	83217	15.2013	PPB		80
75)	Dibromochloromethane	8.73	129	75828	17.6543	PPB		100

(#)=qualifier out of range (m)=manual integration (S)=analyte in sublist

Data File : H:\MSI.I\I121507.B\IC15701.D Vial: 1
Acq On : 15 Dec 2007 1:32 pm Operator: BJP
Sample : CCV;CCV+Penta/CustomMix,I121507 Inst : MSI
Misc : 1,1, 07MSV0819,0813,0792 5uL/50mL Multiplr: 1.00
MS Integration Params: TAILA.P
Quant Time: Dec 28 8:26 19107 Quant Results File: I70326W.RES

Quant Method : H:\MSI.I\METHODS\I70326W.M (RTE Integrator)
Title : EPA Method 8260B/624 Calibration Curve 15mL Water
Last Update : Thu Dec 13 11:24:09 2007
Response via : Initial Calibration
DataAcq Meth : I70326W

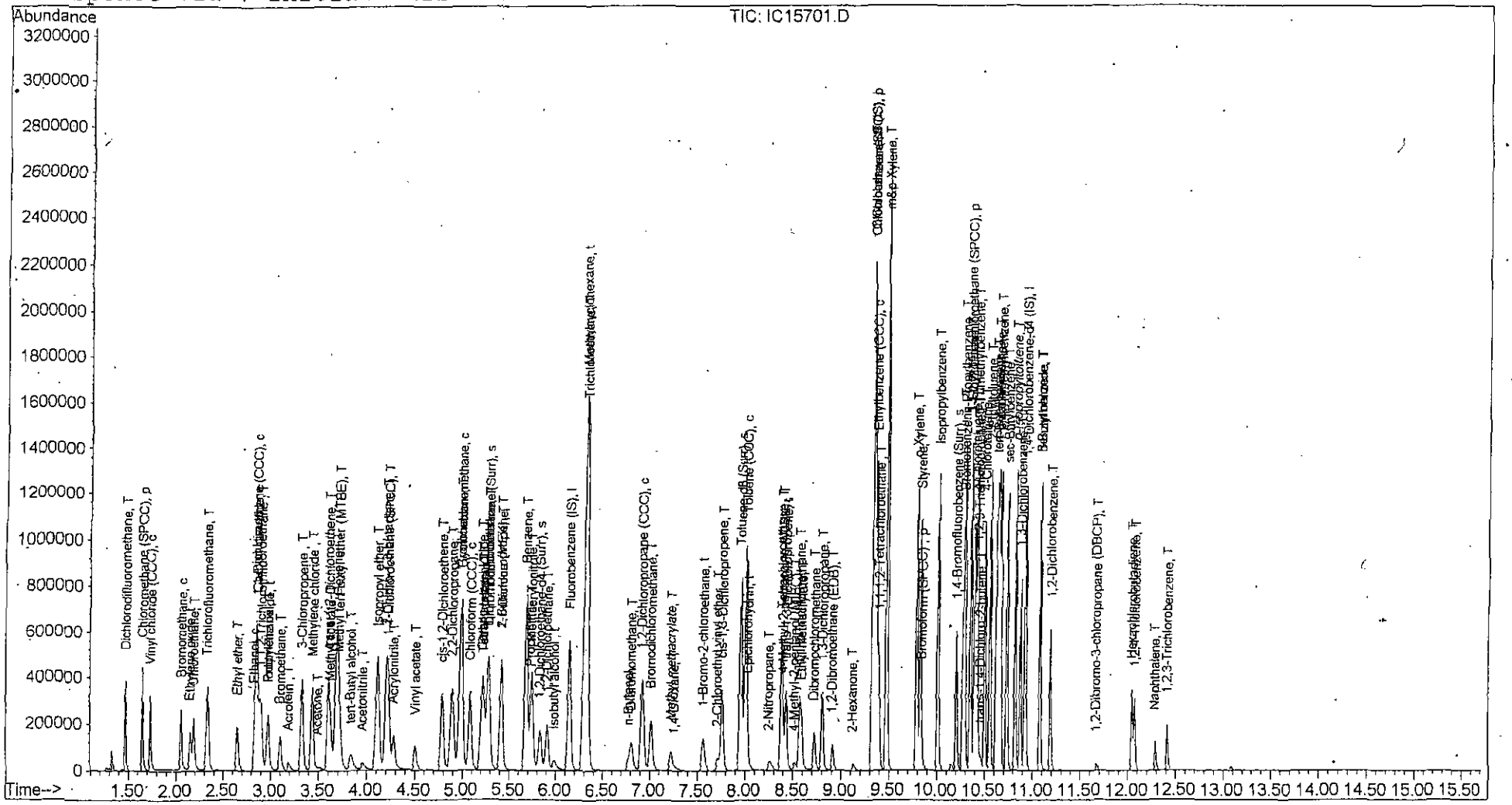
	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
76)	1,3-Dichloropropane	8.81	76	175361	18.8547	PPB		86
77)	1,2-Dibromoethane (EDB)	8.92	107	67802	17.6164	PPB		100
78)	2-Hexanone	9.13	43	20533	16.1706	PPB	#	78
79)	Chlorobenzene (SPCC)	9.35	112	392664	17.0699	PPB		91
80)	1-Chlorohexane	9.34	55	189197	20.2056	PPB		93
81)	Ethylbenzene (CCC)	9.37	106	232854	17.4233	PPB	#	1
82)	1,1,1,2-Tetrachloroethane	9.40	131	116639	18.1387	PPB	#	1
83)	m&p-Xylene	9.48	106	574582	35.6074	PPB		91
84)	o-Xylene	9.79	106	255266	17.6056	PPB		92
85)	Bromoform (SPCC)	9.85	173	26461	15.3852	PPB		98
86)	Styrene	9.84	104	370483	18.3456	PPB		94
87)	Isopropylbenzene	10.02	105	674729	18.0427	PPB		96
88)	Bromobenzene	10.28	156	115851	17.1373	PPB	#	18
89)	n-Propylbenzene	10.30	120	170472	17.0994	PPB	#	69
90)	1,1,2,2-Tetrachloroethane	10.35	83	64696	17.0339	PPB		96
93)	2-Chlorotoluene	10.40	126	136599	17.0403	PPB	#	80
95)	1,2,3-Trichloropropane	10.44	110	22306	17.9603	PPB		95
96)	trans-1,4-Dichloro-2-buten	10.46	89	3181	13.3110	PPB	#	1
97)	3-Ethyltoluene	10.36	105	599984	18.5305	PPB	#	96
98)	4-Chlorotoluene	10.50	126	138414	17.2918	PPB	#	82
99)	1,3,5-Trimethylbenzene	10.43	105	515119	18.1955	PPB		70
100)	2-Ethyltoluene	10.56	105	600119	18.5862	PPB		98
101)	tert-Butylbenzene	10.63	91	304091	18.8355	PPB		90
102)	Pentachloroethane	10.65	167	158986	66.2846	PPB	#	1
103)	1,2,4-Trimethylbenzene	10.67	105	493050	18.3353	PPB		95
104)	sec-Butylbenzene	10.74	105	634379	17.2786	PPB		97
105)	p-Isopropyltoluene	10.83	119	511791	17.7222	PPB		77
106)	1,3-Dichlorobenzene	10.88	146	219705	16.7275	PPB		97
107)	1,4-Dichlorobenzene	10.94	146	217340	16.5547	PPB	#	100
108)	Benzyl chloride	11.09	126	12576	12.5857	PPB	#	1
109)	n-Butylbenzene	11.09	134	110746	16.5458	PPB		90
110)	1,2-Dichlorobenzene	11.20	146	166763	16.4481	PPB		98
112)	1,2-Dibromo-3-chloropropan	11.68	157	4143	13.6307	PPB	#	1
113)	Hexachlorobutadiene	12.05	225	48628	15.4345	PPB		99
114)	1,2,4-Trichlorobenzene	12.08	180	66200	14.5897	PPB		98
115)	Naphthalene	12.29	128	68763	12.2382	PPB		100
116)	1,2,3-Trichlorobenzene	12.42	180	42598	14.2639	PPB		99

(#)=qualifier out of range (m)=manual integration (S)=analyte in sublist

Quantitation Report

Data File : H:\MSI.I\I121507.B\IC15701.D Vial: 1
Acq On : 15 Dec 2007 1:32 pm Operator: BJP
Sample : CCV;CCV+Penta/CustomMix,I121507 Inst : MSI
Misc : 1,1, 07MSV0819,0813,0792 5uL/50mL Multiplr: 1.00
MS Integration Params: TAILA.P
Quant Time: Dec 28 8:26 19107 Quant Results File: I70326W.RES

Method : H:\MSI.I\METHODS\I70326W.M (RTE Integrator)
Title : EPA Method 8260B/624 Calibration Curve 15mL Water
Last Update : Mon Dec 17 10:34:21 2007
Response via : Initial Calibration



Data File : H:\MSI.I\I121507.B\IC15702.D Vial: 2
Acq On : 15 Dec 2007 2:09 pm Operator: BJP
Sample : KEQMH1AC;LCS+Penta/CustomMix,I121507 Inst : MSI
Misc : 1,1, 07MSV0819,0813,0792 5uL/50mL Multiplr: 1.00
MS Integration Params: TAILA.P
Quant Time: Dec 29 10:18 19107 Quant Results File: I70326W.RES

Quant Method : H:\MSI.I\METHODS\I70326W.M (RTE Integrator)
Title : EPA Method 8260B/624 Calibration Curve 15mL Water
Last Update : Thu Dec 13 11:24:09 2007
Response via : Initial Calibration
DataAcq Meth : I70326W

12-28-07

Only worked up: Target Analytes

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Fluorobenzene (IS)	6.15	96	557405	16.7000 PPB	0.00
65) Chlorobenzene-d5 (IS)	9.33	119	101934	16.7000 PPB	0.00
92) 1,4-Dichlorobenzene-d4 (IS	10.93	152	110115	16.7000 PPB	-0.03
System Monitoring Compounds					
42) Dibromofluoromethane (Surr	5.28	113	131312	17.2228 PPB	-0.05
Spiked Amount 16.700			Recovery = 103.11%		
50) 1,2-Dichloroethane-d4 (Sur	5.84	67	77251	18.3212 PPB	0.00
Spiked Amount 16.700			Recovery = 109.70%		
64) Toluene-d8 (Surr)	7.96	98	571247	17.4901 PPB	-0.03
Spiked Amount 16.700			Recovery = 104.73%		
91) 1,4-Bromofluorobenzene (Su	10.21	95	169747	17.3399 PPB	-0.03
Spiked Amount 16.700			Recovery = 103.83%		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.47	85	211495	14.5936 PPB	S 99
3) Chloromethane (SPCC)	1.65	50	266541	19.5067 PPB	S 99
4) Vinyl chloride (CCC)	1.74	62	200127	21.3188 PPB	S 99
5) Bromomethane	2.06	94	128477	29.1835 PPB	S 99
6) Ethylene oxide	2.16	44	158458	321.7874 PPB	S 98
7) Chloroethane	2.19	64	163043	20.2157 PPB	S 96
8) Trichlorofluoromethane	2.33	101	286527	18.3835 PPB	S 92
9) Ethyl ether	2.65	59	106746	20.4699 PPB	S 92
10) Ethanol	2.82	45	11777	691.6417 PPB	S 89
11) 1,1-Dichloroethene (CCC)	2.85	96	148457	17.5130 PPB	# S 80
12) Carbon disulfide	2.86	76	487537	19.0581 PPB	S 93
13) 1,1,2-Trichlorotrifluoroet	2.90	101	165571	17.5520 PPB	98
14) Propylene oxide	2.98	58	66269	85.9567 PPB	# 86
15) Iodomethane	2.98	142	174955	21.8349 PPB	91
16) Bromoethane	3.10	108	114535	19.0959 PPB	100
17) Acrolein	3.19	56	33554	98.7226 PPB	99
18) 3-Chloropropene	3.33	41	284067	24.8313 PPB	90
19) Methylene chloride	3.44	84	153669	18.0826 PPB	# 68
20) Acetone	3.50	43	13957	20.0717 PPB	94
21) trans-1,2-Dichloroethene	3.60	96	155534	15.9848 PPB	84
22) Methyl acetate	3.63	74	38639	55.5251 PPB	# 100
23) Hexane	3.69	86	63611	16.5043 PPB	# 47
24) Methyl tert-butyl ether (M	3.72	73	276778	19.0884 PPB	# 70
25) tert-Butyl alcohol	3.84	59	81353	421.7579 PPB	# 58
26) Acetonitrile	3.96	40	18425	123.9335 PPB	# 100
27) Isopropyl ether	4.11	45	563922	22.6923 PPB	92

(#)=qualifier out of range (m)=manual integration (S)=analyte in sublist

Data File : H:\MSI.I\I121507.B\IC15702.D Vial: 2
Acq On : 15 Dec 2007 2:09 pm Operator: BJP
Sample : KECMH1AC;LCS+Penta/CustomMix,I121507 Inst : MSI
Misc : 1,1, 07MSV0819,0813,0792 5uL/50mL Multiplr: 1.00
MS Integration Params: TAILA.P
Quant Time: Dec 29 10:18 19107 Quant Results File: I70326W.RES

Quant Method : H:\MSI.I\METHODS\I70326W.M (RTE Integrator)
Title : EPA Method 8260B/624 Calibration Curve 15mL Water
Last Update : Thu Dec 13 11:24:09 2007
Response via : Initial Calibration
DataAcq Meth : I70326W

Compound	R.T.	QIon	Response	Conc Unit		Qvalue
28) 2-Chloro-1,3-butadiene	4.21	88	122259	16.7532 PPB	#	66
29) 1,1-Dichloroethane (SPCC)	4.23	63	366718	20.1671 PPB		99
30) Acrylonitrile	4.28	53	130054	104.4778 PPB	#	100
31) Vinyl acetate	4.51	43	174013	22.2522 PPB	#	86
32) cis-1,2-Dichloroethene	4.79	96	155838m	16.1580 PPB		
33) 2,2-Dichloropropane	4.90	77	270074	20.2203 PPB	#	98
34) Cyclohexane	4.99	56	369856	15.2405 PPB		93
35) Bromochloromethane	5.00	130	66190	16.8052 PPB	#	69
37) Chloroform (CCC)	5.09	83	294994	19.0956 PPB	#	81
38) Carbon tetrachloride	5.22	117	211019	19.7378 PPB		98
40) Ethyl acetate	5.23	43	266247	85.7895 PPB		60
41) Tetrahydrofuran	5.24	42	40951	28.3477 PPB	#	1
43) 1,1,1-Trichloroethane	5.29	97	272192	20.3570 PPB		98
44) 1,1-Dichloropropene	5.42	75	271340	19.2030 PPB		84
45) 2-Butanone (MEK)	5.42	43	25902	21.2408 PPB		98
46) Benzene	5.69	78	768884	18.0802 PPB		95
48) Propionitrile	5.73	54	40293	120.3941 PPB	#	1
49) Methacrylonitrile	5.75	67	152086	96.7135 PPB	#	74
51) 1,2-Dichloroethane	5.92	62	187779	21.1390 PPB		97
52) Isobutyl alcohol	5.99	43	29093	417.7382 PPB		86
53) Methylcyclohexane	6.32	83	904826	49.2921 PPB		88
54) Trichloroethene	6.34	130	174444	17.6933 PPB		95
55) Dibromomethane	6.82	93	51731	16.7500 PPB		96
56) n-Butanol	6.79	56	32552	858.2330 ug/L	#	81
57) 1,2-Dichloropropane (CCC)	6.93	63	172637	19.2759 PPB		90
58) Bromodichloromethane	7.02	83	175149	18.5002 PPB		97
59) 1,4-Dioxane	7.27	88	8003	436.8876 PPB		80
60) Methyl methacrylate	7.23	69	38645	14.3384 PPB		73
61) 1-Bromo-2-chloroethane	7.57	63	157015	18.9295 PPB		91
62) cis-1,3-Dichloropropene	7.76	75	221533	19.1995 PPB		87
63) 2-Chloroethyl vinyl ether	7.72	63	28291	15.9592 PPB		91
66) Toluene (CCC)	8.01	91	732403	18.2570 PPB		97
67) Epichlorohydrin	8.04	57	17872	70.6060 PPB	#	31
68) 2-Nitropropane	8.25	43	8584	17.1715 PPB		77
69) Tetrachloroethene	8.39	164	121846	15.1939 PPB		99
70) 4-Methyl-2-pentanone (MIBK	8.41	43	42472	17.2659 PPB		88
71) trans-1,3-Dichloropropene	8.43	75	162148	19.9129 PPB		88
72) 1,1,2-Trichloroethane	8.58	97	81992	17.8312 PPB		94
73) 4-Methyl-2-pentanol (MIBC)	8.52	45	15503	75.8856 PPB	#	47
74) Ethyl methacrylate	8.60	69	79702	14.6500 PPB		76
75) Dibromochloromethane	8.73	129	74894	17.4003 PPB		99

(#)=qualifier out of range (m)=manual integration (S)=analyte in sublist

Data File : H:\MSI.I\I121507.B\IC15702.D Vial: 2
Acq On : 15 Dec 2007 2:09 pm Operator: BJP
Sample : KECMH1AC;LCS+Penta/CustomMix,I121507 Inst : MSI
Misc : 1,1, 07MSV0819,0813,0792 5uL/50mL Multiplr: 1.00
MS Integration Params: TAILA.P
Quant Time: Dec 29 10:18 19107 Quant Results File: I70326W.RES

Quant Method : H:\MSI.I\METHODS\I70326W.M (RTE Integrator)
Title : EPA Method 8260B/624 Calibration Curve 15mL Water
Last Update : Thu Dec 13 11:24:09 2007
Response via : Initial Calibration
DataAcq Meth : I70326W

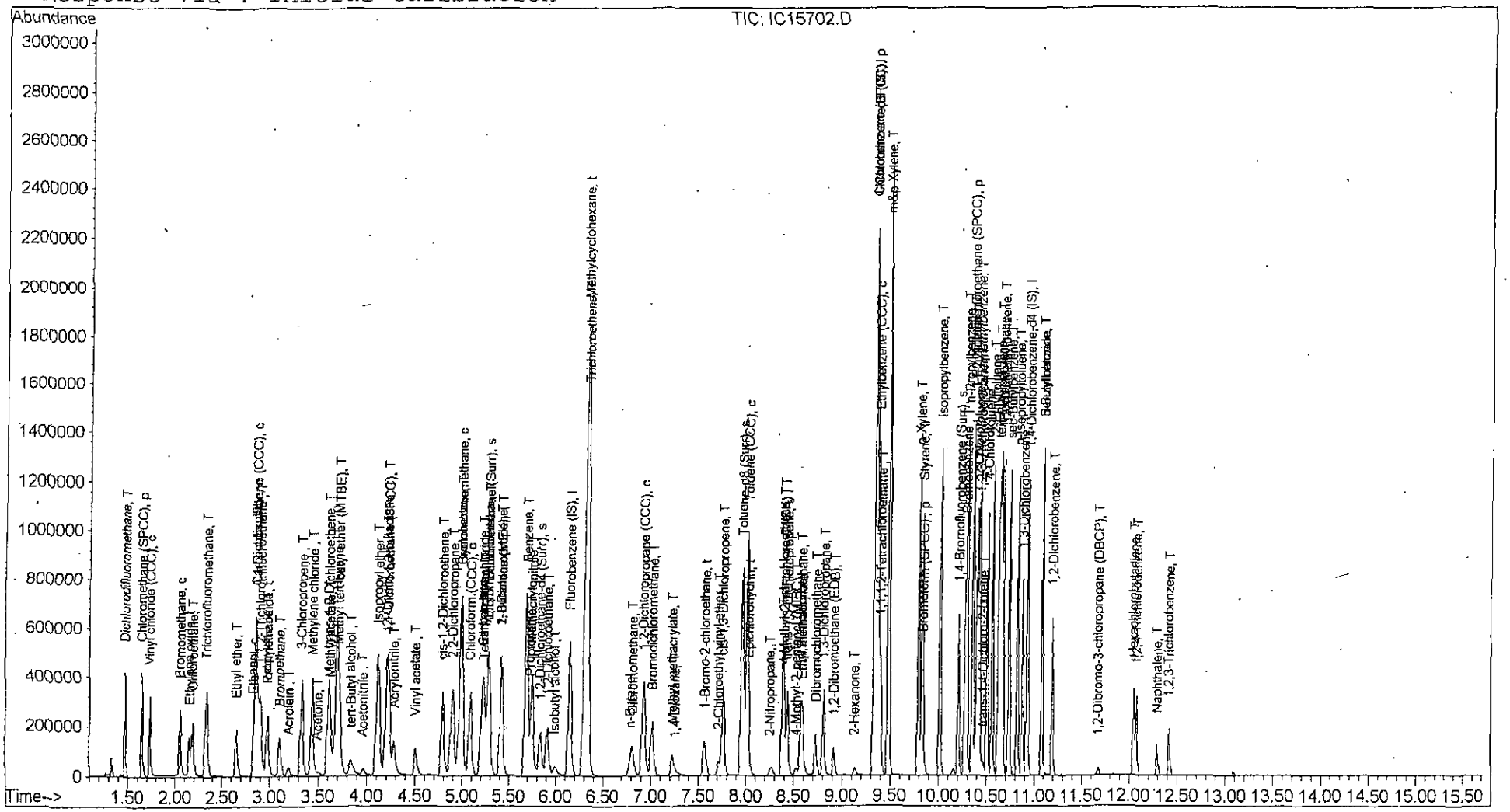
Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
76) 1,3-Dichloropropane	8.81	76	173556	18.6215	PPB		86
77) 1,2-Dibromoethane (EDB)	8.92	107	67726	17.5597	PPB		100
78) 2-Hexanone	9.13	43	21823	16.8286	PPB	#	75
79) Chlorobenzene (SPCC)	9.35	112	391170	16.9692	PPB		92
80) 1-Chlorohexane	9.34	55	187229	19.9534	PPB		93
81) Ethylbenzene (CCC)	9.37	106	228812	17.0849	PPB	#	1
82) 1,1,1,2-Tetrachloroethane	9.40	131	115911	17.9877	PPB	#	1
83) m&p-Xylene	9.48	106	572861	35.4262	PPB		92
84) o-Xylene	9.80	106	252867	17.4035	PPB		92
85) Bromoform (SPCC)	9.85	173	26341	15.2833	PPB		97
86) Styrene	9.83	104	367770	18.1730	PPB		94
87) Isopropylbenzene	10.02	105	665642	17.7623	PPB		96
88) Bromobenzene	10.28	156	115585	17.0620	PPB	#	18
89) n-Propylbenzene	10.30	120	166948	16.7108	PPB	#	69
90) 1,1,2,2-Tetrachloroethane	10.35	83	63647	16.7226	PPB		96
93) 2-Chlorotoluene	10.40	126	133758	17.0006	PPB	#	80
95) 1,2,3-Trichloropropane	10.44	110	21959	18.0144	PPB		96
96) trans-1,4-Dichloro-2-buten	10.47	89	3262	13.7883	PPB	#	1
97) 3-Ethyltoluene	10.36	105	587702	18.4935	PPB	#	53
98) 4-Chlorotoluene	10.51	126	137077	17.4478	PPB	#	83
99) 1,3,5-Trimethylbenzene	10.42	105	513590	18.4836	PPB		70
100) 2-Ethyltoluene	10.56	105	591135	18.6533	PPB	#	4
101) tert-Butylbenzene	10.63	91	298925	18.8648	PPB		91
102) Pentachloroethane	10.65	167	154004	65.4186	PPB	#	1
103) 1,2,4-Trimethylbenzene	10.67	105	488103	18.4937	PPB		96
104) sec-Butylbenzene	10.74	105	626253	17.3790	PPB		97
105) p-Isopropyltoluene	10.82	119	504648	17.8045	PPB		96
106) 1,3-Dichlorobenzene	10.88	146	216632	16.8046	PPB	#	76
107) 1,4-Dichlorobenzene	10.93	146	212748	16.5106	PPB	#	100
108) Benzyl chloride	11.09	126	12287	12.5469	PPB	#	1
109) n-Butylbenzene	11.09	134	108239	16.4762	PPB	#	86
110) 1,2-Dichlorobenzene	11.20	146	165300	16.6113	PPB		98
112) 1,2-Dibromo-3-chloropropan	11.68	157	4150	13.8155	PPB	#	1
113) Hexachlorobutadiene	12.05	225	48960	15.8330	PPB		99
114) 1,2,4-Trichlorobenzene	12.08	180	66674	14.9713	PPB		99
115) Naphthalene	12.30	128	69187	12.4619	PPB		99
116) 1,2,3-Trichlorobenzene	12.42	180	42131	14.3736	PPB		98

(#)=qualifier out of range (m)=manual integration (S)=analyte in sublist

Quantitation Report

Data File : H:\MSI.I\I121507.B\IC15702.D Vial: 2
Acq On : 15 Dec 2007 2:09 pm Operator: BJP
Sample : KECMH1AC;LCS+Penta/CustomMix,I121507 Inst : MSI
Misc : 1,1, 07MSV0819,0813,0792 5uL/50mL Multiplr: 1.00
MS Integration Params: TAILA.P
Quant Time: Dec 29 10:18 19107 Quant Results File: I70326W.RES

Method : H:\MSI.I\METHODS\I70326W.M (RTE Integrator)
Title : EPA Method 8260B/624 Calibration Curve 15mL Water
Last Update : Mon Dec 17 10:34:21 2007
Response via : Initial Calibration



IC15702.D I70326W.M Sat Dec 29 10:50:49 2007 MDW Page 4

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cis-1,2-Dichloroethene IC15702.D

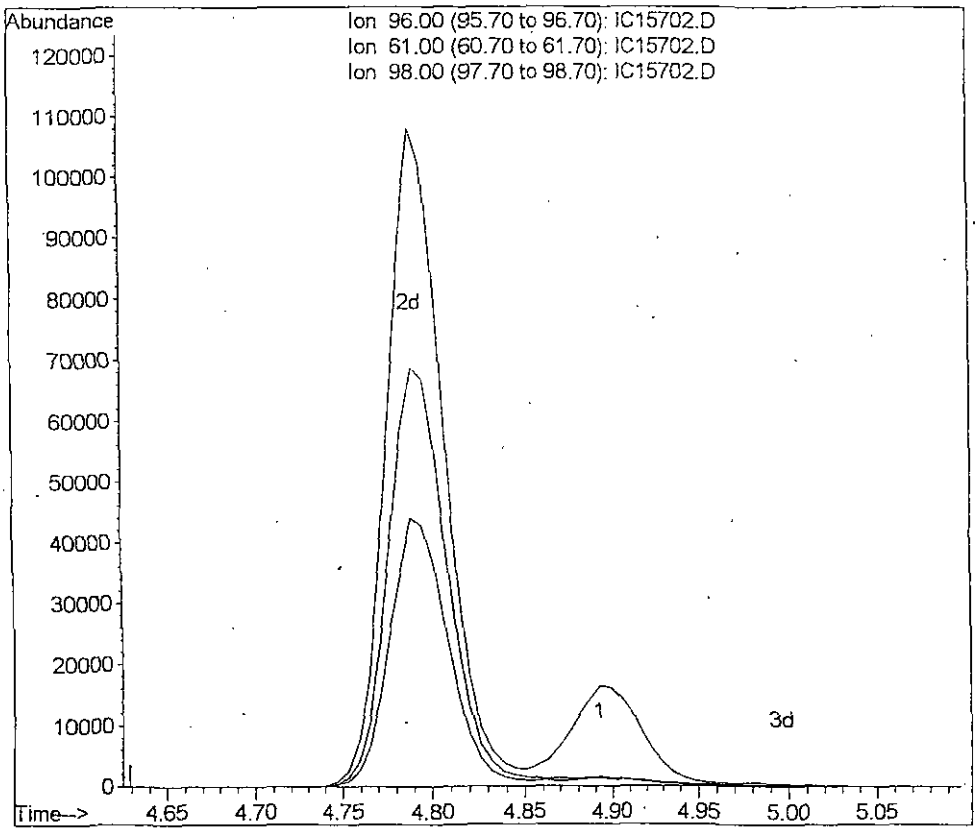
REASON FOR MANUAL INTEGRATION:

TAILING WRONG PEAK TWO PEAKS POOR INTEGRATION MISSED OTHER

ANALYST: BDW Sat Dec 29 10:18:22 2007

Un-detected
DW
12-29-07

BEFORE



TIC: IC15702.D

(32) cis-1,2-Dichloroethene (T)

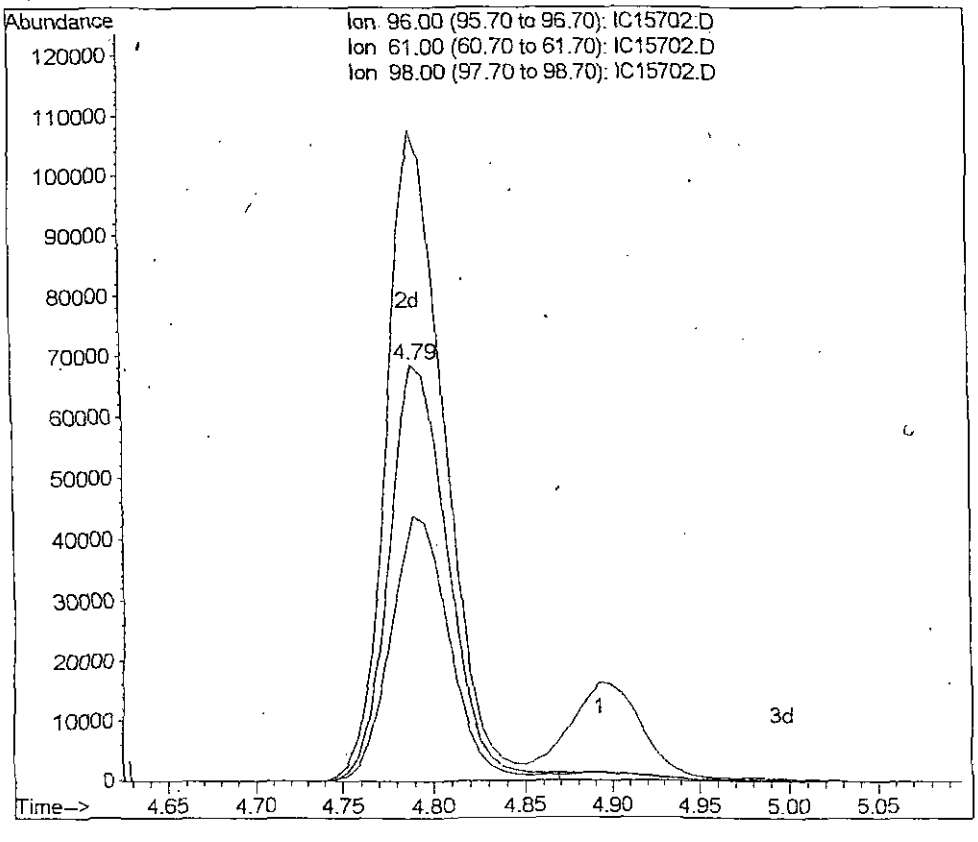
4.84min 0.00PPB d

response 0

Ion	Exp%	Act%
96.00	100	0.00
61.00	155.20	0.00
98.00	66.70	0.00
0.00	0.00	0.00

JAN 0 6 2008

AFTER



TIC: IC15702.D

(32) cis-1,2-Dichloroethene (T)

4.79min 16.16PPB m

response 155838

Ion	Exp%	Act%
96.00	100	100
61.00	155.20	0.00#
98.00	66.70	0.00#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data File : H:\MSI.I\I121507.B\IC15703.D Vial: 3
Acq On : 15 Dec 2007 2:39 pm Operator: BJP
Sample : KEQMH1AD;LCS+Penta/CustomMix,I121507 Inst : MSI
Misc : 1,1, 07MSV0819,0813,0792 5uL/50mL Multiplr: 1.00
MS Integration Params: TAILA.P
Quant Time: Dec 28 8:31 19107 Quant Results File: I70326W.RES

Quant Method : H:\MSI.I\METHODS\I70326W.M (RTE Integrator)
Title : EPA Method 8260B/624 Calibration Curve 15mL Water
Last Update : Thu Dec 13 11:24:09 2007
Response via : Initial Calibration
DataAcq Meth : I70326W

Only worked up Target Analytes

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
1) Fluorobenzene (IS)	6.15	96	540259	16.7000 PPB		0.00
65) Chlorobenzene-d5 (IS)	9.33	119	97796	16.7000 PPB		0.00
92) 1,4-Dichlorobenzene-d4 (IS	10.93	152	107465	16.7000 PPB		-0.03
System Monitoring Compounds						
42) Dibromofluoromethane (Surr	5.28	113	131063	17.7357 PPB		-0.05
Spiked Amount 16.700			Recovery = 106.23%			
50) 1,2-Dichloroethane-d4 (Sur	5.84	67	78082	19.1060 PPB		0.00
Spiked Amount 16.700			Recovery = 114.43%			
64) Toluene-d8 (Surr)	7.96	98	571750	18.0610 PPB		-0.03
Spiked Amount 16.700			Recovery = 108.14%			
91) 1,4-Bromofluorobenzene (Su	10.21	95	170512	18.1551 PPB		-0.03
Spiked Amount 16.700			Recovery = 108.74%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.48	85	214624	15.2796 PPB	S	98
3) Chloromethane (SPCC)	1.65	50	276041	20.8431 PPB	S	99
4) Vinyl chloride (CCC)	1.74	62	199654	21.9434 PPB	S	99
5) Bromomethane	2.06	94	127832	29.9585 PPB	S	99
6) Ethylene oxide	2.15	44	157265	329.5003 PPB	S	97
7) Chloroethane	2.19	64	164789	21.0806 PPB	S	96
8) Trichlorofluoromethane	2.34	101	287755	19.0482 PPB	S	92
9) Ethyl ether	2.66	59	107996	21.3669 PPB	S	92
10) Ethanol	2.82	45	13109	794.3006 PPB	S	81
11) 1,1-Dichloroethene (CCC)	2.85	96	149169	18.1555 PPB	# S	81
12) Carbon disulfide	2.87	76	490031	19.7636 PPB	S	94
13) 1,1,2-Trichlorotrifluoroet	2.90	101	166191	18.1768 PPB		98
14) Propylene oxide	2.98	58	68516	91.6917 PPB	#	90
15) Iodomethane	2.98	142	178827	23.0265 PPB		91
16) Bromoethane	3.11	108	115570	19.8800 PPB		100
17) Acrolein	3.19	56	34443	104.5543 PPB		99
18) 3-Chloropropene	3.33	41	288925	26.0575 PPB		91
19) Methylene chloride	3.44	84	153574	18.6449 PPB	#	68
20) Acetone	3.50	43	15104	22.4106 PPB		89
21) trans-1,2-Dichloroethene	3.61	96	156465	16.5908 PPB		85
22) Methyl acetate	3.63	74	39364	58.3622 PPB	#	100
23) Hexane	3.69	86	63910	17.1081 PPB	#	46
24) Methyl tert-butyl ether (M	3.72	73	280038	19.9262 PPB	#	71
25) tert-Butyl alcohol	3.84	59	88894	467.5930 PPB	#	31
26) Acetonitrile	3.97	40	19371	134.4318 PPB	#	100
27) Isopropyl ether	4.12	45	569781	23.6558 PPB		92

(#)=qualifier out of range (m)=manual integration (S)=analyte in sublist

Data File : H:\MSI.I\I121507.B\IC15703.D Vial: 3
Acq On : 15 Dec 2007 2:39 pm Operator: BJP
Sample : KECMH1AD;LCS+Penta/CustomMix,I121507 Inst : MSI
Misc : 1,1, 07MSV0819,0813,0792 5uL/50mL Multiplr: 1.00
MS Integration Params: TAILA.P
Quant Time: Dec 28 8:31 19107 Quant Results File: I70326W.RES

Quant Method : H:\MSI.I\METHODS\I70326W.M (RTE Integrator)
Title : EPA Method 8260B/624 Calibration Curve 15mL Water
Last Update : Thu Dec 13 11:24:09 2007
Response via : Initial Calibration
DataAcq Meth : I70326W

Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
28) 2-Chloro-1,3-butadiene	4.21	88	123024	17.3930	PPB	#	65
29) 1,1-Dichloroethane (SPCC)	4.23	63	367042	20.8255	PPB		99
30) Acrylonitrile	4.29	53	130206	107.9196	PPB	#	98
31) Vinyl acetate	4.51	43	175145	23.1077	PPB	#	86
32) cis-1,2-Dichloroethene	4.79	96	156330	16.7235	PPB		85
33) 2,2-Dichloropropane	4.90	77	271034	20.9362	PPB		98
34) Cyclohexane	4.99	56	370859	15.7668	PPB		94
35) Bromochloromethane	5.00	130	66711	17.4750	PPB	#	78
37) Chloroform (CCC)	5.09	83	293675	19.6136	PPB	#	82
38) Carbon tetrachloride	5.21	117	208660	20.1365	PPB		98
40) Ethyl acetate	5.23	43	268899	89.0777	PPB		61
41) Tetrahydrofuran	5.24	42	41435	29.5930	PPB	#	1
43) 1,1,1-Trichloroethane	5.29	97	271310	20.9350	PPB		98
44) 1,1-Dichloropropene	5.42	75	274548	20.0467	PPB		84
45) 2-Butanone (MEK)	5.42	43	27114	22.9404	PPB		95
46) Benzene	5.69	78	773028	18.7546	PPB		95
48) Propionitrile	5.73	54	41876	129.0951	PPB	#	1
49) Methacrylonitrile	5.75	67	153155	100.4843	PPB	#	74
51) 1,2-Dichloroethane	5.91	62	185933	21.5955	PPB		97
52) Isobutyl alcohol	5.99	43	31716	453.8205	PPB		88
53) Methylcyclohexane	6.31	83	851087	47.8360	PPB		88
54) Trichloroethene	6.34	130	173724	18.1795	PPB		95
55) Dibromomethane	6.81	93	51921	17.3451	PPB		96
56) n-Butanol	6.78	56	37334	983.5074	ug/L	#	81
57) 1,2-Dichloropropane (CCC)	6.93	63	173526	19.9901	PPB		90
58) Bromodichloromethane	7.02	83	173631	18.9219	PPB		97
59) 1,4-Dioxane	7.27	88	8798	495.5298	PPB		75
60) Methyl methacrylate	7.23	69	39328	14.9256	PPB		74
61) 1-Bromo-2-chloroethane	7.57	63	158158	19.6724	PPB		91
62) cis-1,3-Dichloropropene	7.76	75	218520	19.5394	PPB		87
63) 2-Chloroethyl vinyl ether	7.72	63	29458	16.9110	PPB		90
66) Toluene (CCC)	8.01	91	728309	18.9231	PPB		97
67) Epichlorohydrin	8.04	57	18436	75.9160	PPB	#	38
68) 2-Nitropropane	8.26	43	8672	17.9359	PPB	#	24
69) Tetrachloroethene	8.39	164	121225	15.7561	PPB		98
70) 4-Methyl-2-pentanone (MIBK	8.41	43	43413	18.1977	PPB	#	87
71) trans-1,3-Dichloropropene	8.44	75	162024	20.7396	PPB		87
72) 1,1,2-Trichloroethane	8.58	97	81808	18.5440	PPB		94
73) 4-Methyl-2-pentanol (MIBC)	8.52	45	17104	84.5181	PPB	#	49
74) Ethyl methacrylate	8.60	69	81115	15.3739	PPB		78
75) Dibromochloromethane	8.73	129	75066	18.1782	PPB		99

(#)=qualifier out of range (m)=manual integration (S)=analyte in sublist

Data File : H:\MSI.I\I121507.B\IC15703.D Vial: 3
Acq On : 15 Dec 2007 2:39 pm Operator: BJP
Sample : KECMH1AD;LCS+Penta/CustomMix,I121507 Inst : MSI
Misc : 1,1, 07MSV0819,0813,0792 5uL/50mL Multiplr: 1.00
MS Integration Params: TAILA.P
Quant Time: Dec 28 8:31 19107 Quant Results File: I70326W.RES

Quant Method : H:\MSI.I\METHODS\I70326W.M (RTE Integrator)
Title : EPA Method 8260B/624 Calibration Curve 15mL Water
Last Update : Thu Dec 13 11:24:09 2007
Response via : Initial Calibration
DataAcq Meth : I70326W

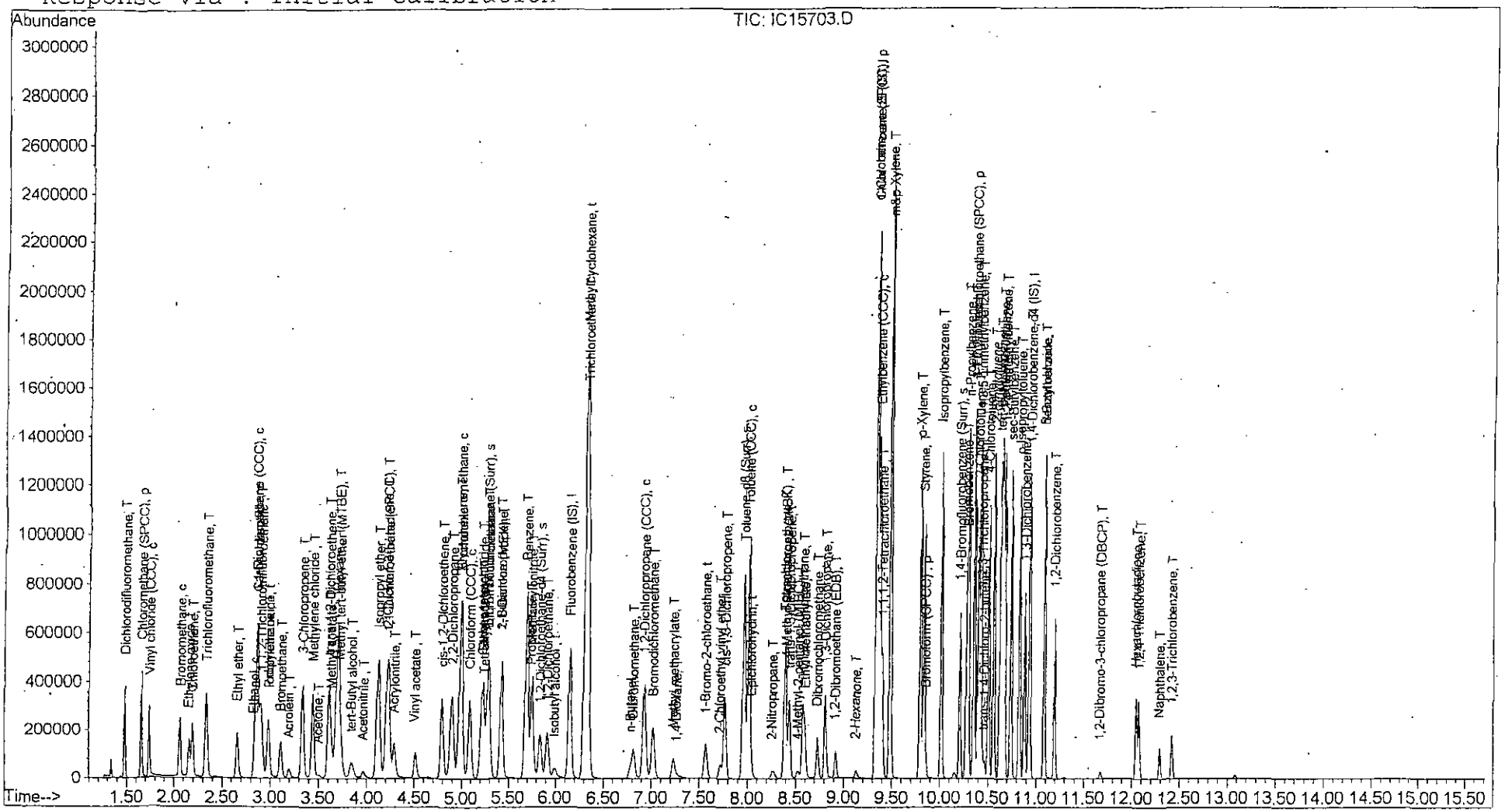
	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
76)	1,3-Dichloropropane	8.81	76	174609	19.5272	PPB		87
77)	1,2-Dibromoethane (EDB)	8.92	107	66982	18.1017	PPB		99
78)	2-Hexanone	9.13	43	22535	17.7075	PPB	#	76
79)	Chlorobenzene (SPCC)	9.34	112	389958	17.6325	PPB		92
80)	1-Chlorohexane	9.34	55	186945	20.7662	PPB		93
81)	Ethylbenzene (CCC)	9.37	106	231629	18.0271	PPB	#	1
82)	1,1,1,2-Tetrachloroethane	9.40	131	117507	19.0069	PPB	#	1
83)	m&p-Xylene	9.48	106	573402	36.9601	PPB		91
84)	o-Xylene	9.79	106	255178	18.3057	PPB		91
85)	Bromoform (SPCC)	9.86	173	26507	16.0304	PPB		98
86)	Styrene	9.83	104	371306	19.1241	PPB		94
87)	Isopropylbenzene	10.01	105	672242	18.6975	PPB		96
88)	Bromobenzene	10.28	156	115602	17.7866	PPB	#	18
89)	n-Propylbenzene	10.29	120	170766	17.8162	PPB	#	72
90)	1,1,2,2-Tetrachloroethane	10.35	83	63892	17.4972	PPB		95
93)	2-Chlorotoluene	10.40	126	136490	17.7756	PPB	#	81
95)	1,2,3-Trichloropropane	10.44	110	22362	18.7974	PPB	#	76
96)	trans-1,4-Dichloro-2-buten	10.46	89	3396	14.5270	PPB	#	1
97)	3-Ethyltoluene	10.35	105	597590	19.2684	PPB	#	96
98)	4-Chlorotoluene	10.51	126	138098	18.0112	PPB	#	83
99)	1,3,5-Trimethylbenzene	10.42	105	517225	19.0735	PPB		71
100)	2-Ethyltoluene	10.56	105	597785	19.3282	PPB		98
101)	tert-Butylbenzene	10.63	91	305773	19.7728	PPB		89
102)	Pentachloroethane	10.65	167	168442	73.3161	PPB	#	1
103)	1,2,4-Trimethylbenzene	10.67	105	491149	19.0680	PPB		96
104)	sec-Butylbenzene	10.74	105	633447	18.0121	PPB	#	82
105)	p-Isopropyltoluene	10.83	119	511329	18.4851	PPB	#	67
106)	1,3-Dichlorobenzene	10.88	146	217482	17.2866	PPB	#	13
107)	1,4-Dichlorobenzene	10.94	146	215799	17.1603	PPB	#	17
108)	Benzyl chloride	11.09	126	12463	12.8807	PPB	#	1
109)	n-Butylbenzene	11.08	134	111215	17.3467	PPB		90
110)	1,2-Dichlorobenzene	11.19	146	167161	17.2126	PPB		99
112)	1,2-Dibromo-3-chloropropan	11.67	157	4103	13.9351	PPB	#	1
113)	Hexachlorobutadiene	12.05	225	50059	16.5876	PPB		99
114)	1,2,4-Trichlorobenzene	12.08	180	67271	15.4778	PPB		100
115)	Naphthalene	12.29	128	69952	12.7902	PPB		100
116)	1,2,3-Trichlorobenzene	12.42	180	42914	15.0017	PPB		99

(#)=qualifier out of range (m)=manual integration (S)=analyte in sublist

Quantitation Report

Data File : H:\MSI.I\I121507.B\IC15703.D Vial: 3
Acq On : 15 Dec 2007 2:39 pm Operator: BJP
Sample : KECMH1AD;LCS+Penta/CustomMix,I121507 Inst : MSI
Misc : 1,1, 07MSV0819,0813,0792 5uL/50mL Multiplr: 1.00
MS Integration Params: TAILA.P
Quant Time: Dec 28 8:31 19107 Quant Results File: I70326W.RES

Method : H:\MSI.I\METHODS\I70326W.M (RTE Integrator)
Title : EPA Method 8260B/624 Calibration Curve 15mL Water
Last Update : Mon Dec 17 10:34:21 2007
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : H:\MSI.I\I121507.B\IC15705.D Vial: 5
Acq On : 15 Dec 2007 3:29 pm Operator: BJP
Sample : KCEMH1AA;BLANK Inst : MSI
Misc : 1,1, 07MSV0810IS 07MSV0811SUR Multiplr: 1.00
MS Integration Params: TAILA.P
Quant Time: Dec 28 8:33 19107 Quant Results File: I70326W.RES

Quant Method : C:\HPCHEM\1\METHODS\I70326W.M (RTE Integrator)
Title : EPA Method 8260B/624 Calibration Curve 15mL Water
Last Update : Thu Dec 13 11:14:37 2007
Response via : Initial Calibration
DataAcq Meth : I70326W

Only worked up: Target Analytes

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Fluorobenzene (IS)	6.15	96	554253	16.7000 PPB	0.00
65) Chlorobenzene-d5 (IS)	9.33	119	95203	16.7000 PPB	0.00
92) 1,4-Dichlorobenzene-d4 (IS	10.93	152	91716	16.7000 PPB	-0.03
System Monitoring Compounds					
42) Dibromofluoromethane (Surr	5.28	113	116922	15.4226 PPB	-0.05
Spiked Amount 16.700			Recovery =	92.34%	
50) 1,2-Dichloroethane-d4 (Sur	5.84	67	74547	17.7805 PPB	0.00
Spiked Amount 16.700			Recovery =	106.47%	
64) Toluene-d8 (Surr)	7.96	98	518461	15.9642 PPB	-0.03
Spiked Amount 16.700			Recovery =	95.57%	
91) 1,4-Bromofluorobenzene (Su	10.21	95	143813	15.7294 PPB	-0.03
Spiked Amount 16.700			Recovery =	94.19%	
Target Compounds					Qvalue
5) Bromomethane	2.06	94	939	0.2145 PPB	# 91

(#)=qualifier out of range (m)=manual integration (S)=analyte in sublist

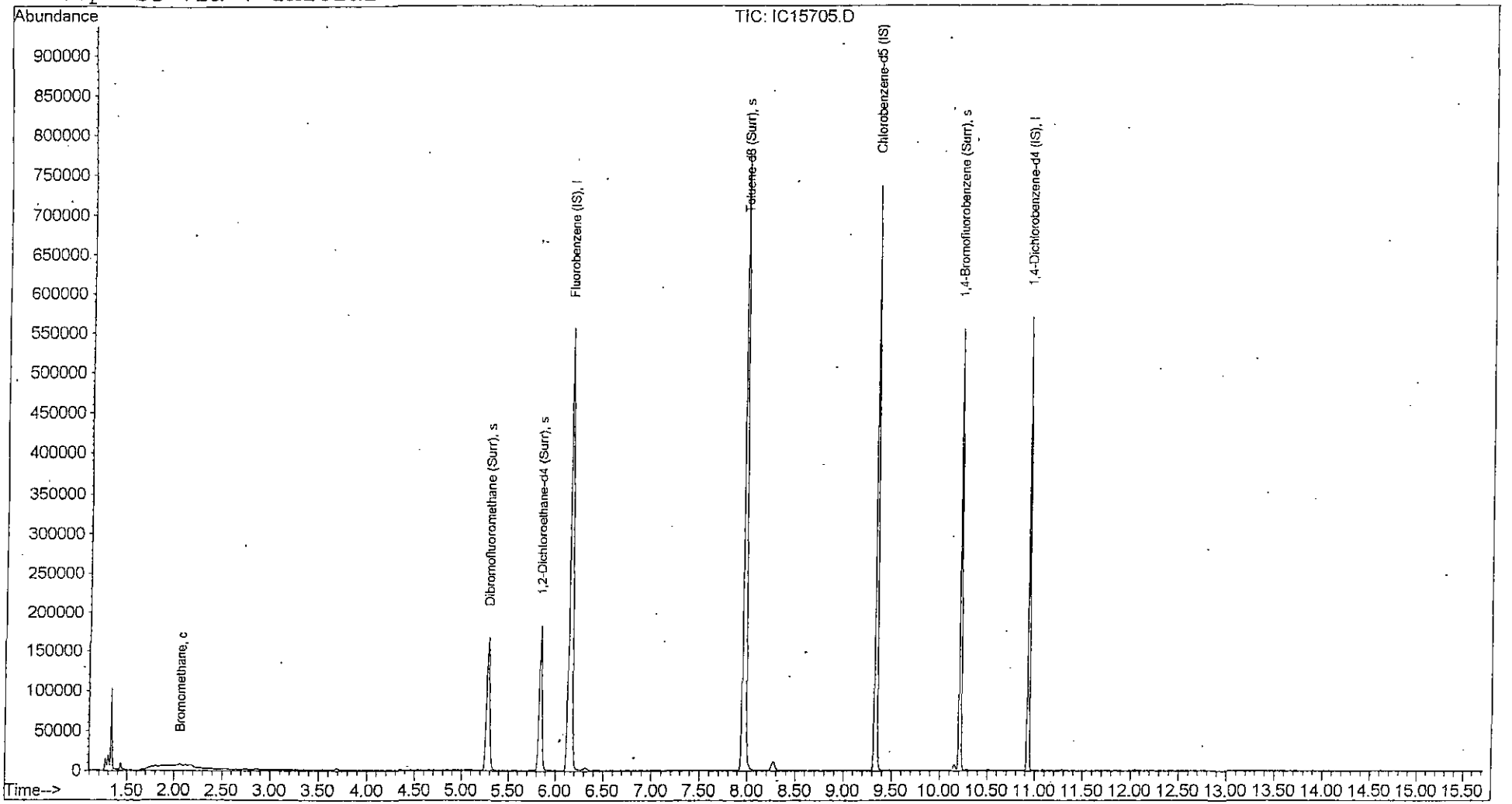
Quantitation Report

Data File : H:\MSI.I\I121507.B\IC15705.D
Acq On : 15 Dec 2007 3:29 pm
Sample : KCEMH1AA;BLANK
Misc : 1,1, 07MSV0810IS 07MSV0811SUR
MS Integration Params: TAILA.P
Quant Time: Dec 28 8:33 19107

Vial: 5
Operator: BJP
Inst : MSI
Multiplr: 1.00

Quant Results File: I70326W.RES

Method : H:\MSI.I\METHODS\I70326W.M (RTE Integrator)
Title : EPA Method 8260B/624 Calibration Curve 15mL Water
Last Update : Mon Dec 17 10:34:21 2007
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : H:\MSI.I\I121507.B\IC15706.D
Acq On : 15 Dec 2007 3:54 pm
Sample : KDDP91AD;I7L040166-01,I121507
Misc : 1,1, 07MSV0810IS 07MSV0811SUR
MS Integration Params: TAILA.P
Quant Time: Dec 28 8:37 19107

Vial: 6
Operator: BJP
Inst : MSI
Multiplr: 1.00
Quant Results File: I70326W.RES

Quant Method : C:\HPCHEM\1\METHODS\I70326W.M (RTE Integrator)
Title : EPA Method 8260B/624 Calibration Curve 15mL Water
Last Update : Thu Dec 13 11:14:37 2007
Response via : Initial Calibration
DataAcq Meth : I70326W

Only worked up: Target Analytes

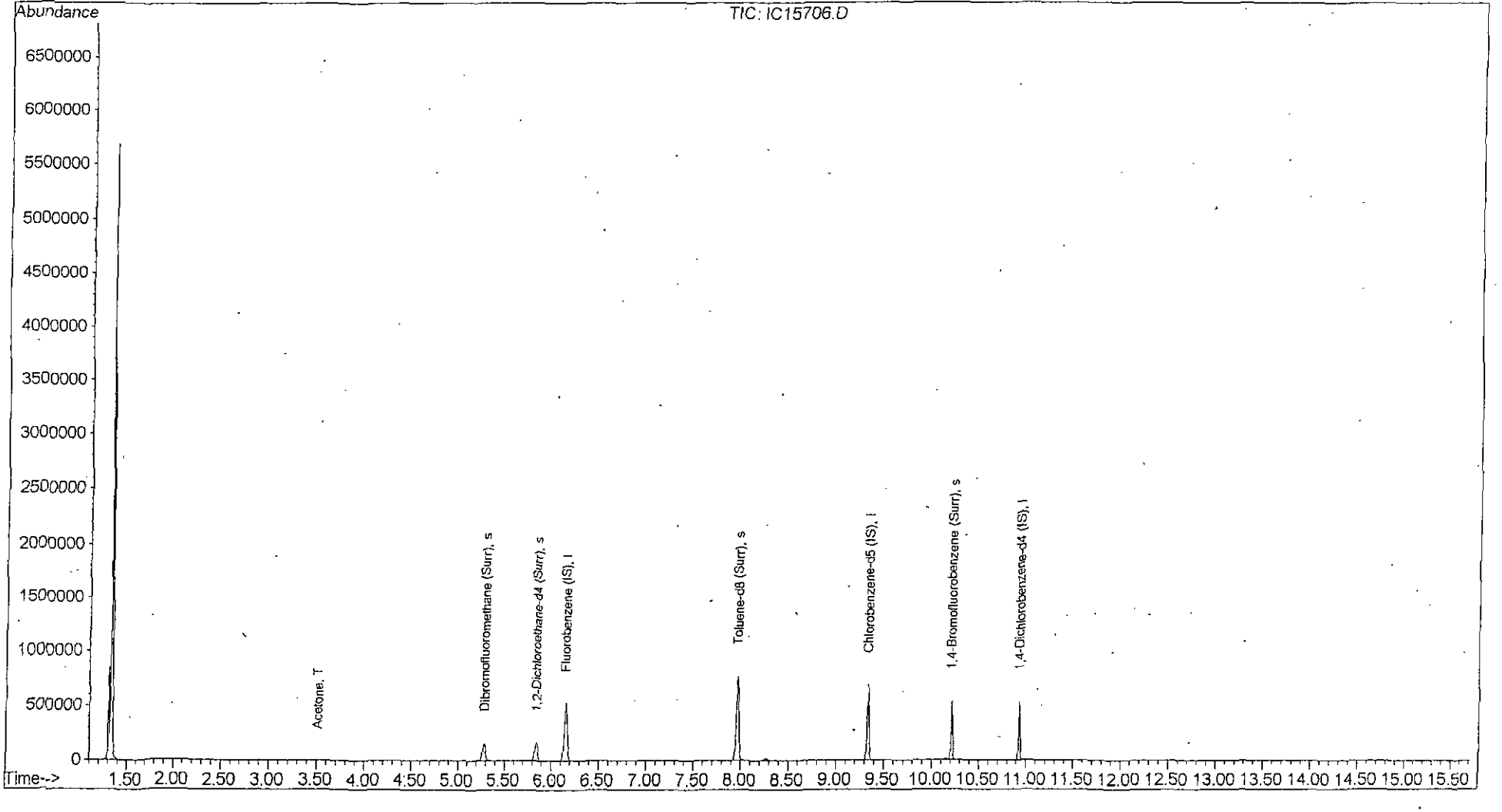
Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Fluorobenzene (IS)	6.15	96	526047	16.7000 PPB	0.00
65) Chlorobenzene-d5 (IS)	9.33	119	90266	16.7000 PPB	0.00
92) 1,4-Dichlorobenzene-d4 (IS	10.92	152	86690	16.7000 PPB	-0.03
System Monitoring Compounds					
42) Dibromofluoromethane (Surr	5.28	113	114110	15.8588 PPB	-0.05
Spiked Amount 16.700			Recovery = 94.97%		
50) 1,2-Dichloroethane-d4 (Sur	5.84	67	71898	18.0681 PPB	0.00
Spiked Amount 16.700			Recovery = 108.20%		
64) Toluene-d8 (Surr)	7.96	98	511867	16.6062 PPB	-0.03
Spiked Amount 16.700			Recovery = 99.46%		
91) 1,4-Bromofluorobenzene (Su	10.21	95	140775	16.2393 PPB	-0.03
Spiked Amount 16.700			Recovery = 97.25%		
Target Compounds					Qvalue
20) Acetone	3.50	43	1243	1.8941 PPB	61

(#)=qualifier out of range (m)=manual integration (S)=analyte in sublist

Quantitation Report

Data File : H:\MSI.I\I121507.B\IC15706.D Vial: 6
Acq On : 15 Dec 2007 3:54 pm Operator: BJP
Sample : KDDP91AD;I7L040166-01,I121507 Inst : MSI
Misc : 1,1, 07MSV0810IS 07MSV0811SUR Multiplr: 1.00
MS Integration Params: TAILA.P
Quant Time: Dec 28 8:37 19107 Quant Results File: I70326W.RES

Method : H:\MSI.I\METHODS\I70326W.M (RTE Integrator)
Title : EPA Method 8260B/624 Calibration Curve 15mL Water
Last Update : Mon Dec 17 10:34:21 2007
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : H:\MSI.I\I121507.B\IC15715.D Vial: 15
Acq On : 15 Dec 2007 7:39 pm Operator: BJP
Sample : KDG1R1AA;I7L050202-01 10KX,74895 Inst : MSI
Misc : 10000,10000, 07MSV0810IS 07MSV0810SUR Multiplr: 1.00
MS Integration Params: TAILA.P
Quant Time: Dec 28 8:59 19107 Quant Results File: I70326W.RES

Quant Method : C:\HPCHEM\1\METHODS\I70326W.M (RTE Integrator)
Title : EPA Method 8260B/624 Calibration Curve 15mL Water
Last Update : Thu Dec 13 11:14:37 2007
Response via : Initial Calibration
DataAcq Meth : I70326W

Only worked up: Target Analytes

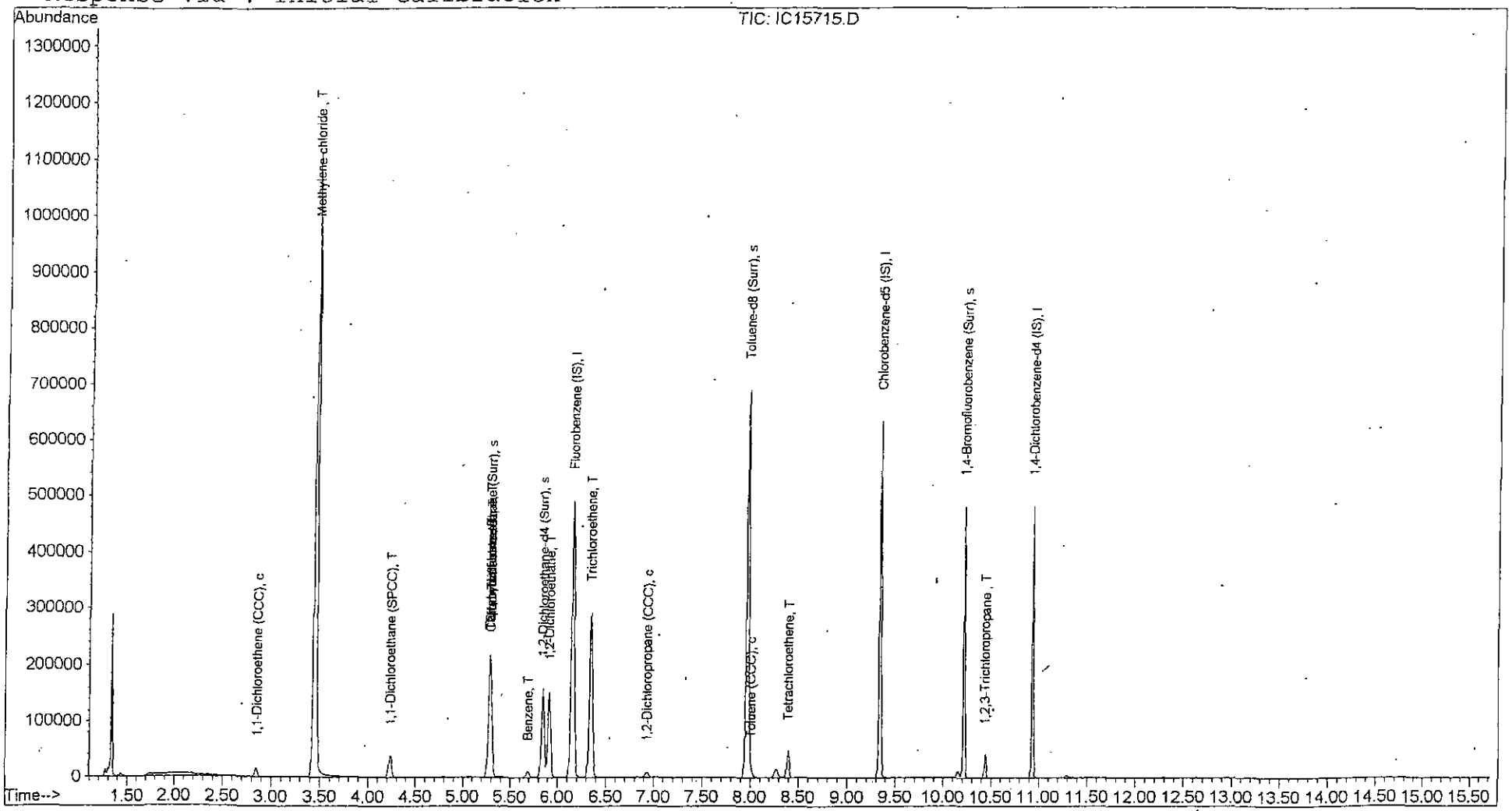
Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Fluorobenzene (IS)	6.15	96	467222	16.7000 PPB	0.00
65) Chlorobenzene-d5 (IS)	9.33	119	78442	16.7000 PPB	0.00
92) 1,4-Dichlorobenzene-d4 (IS	10.93	152	72225	16.7000 PPB	-0.03
System Monitoring Compounds					
42) Dibromofluoromethane (Surr	5.28	113	103002	16.1173 PPB	-0.05
Spiked Amount 16.700			Recovery =	96.53%	
50) 1,2-Dichloroethane-d4 (Sur	5.84	67	65615	18.5653 PPB	0.00
Spiked Amount 16.700			Recovery =	111.20%	
64) Toluene-d8 (Surr)	7.96	98	439116	16.0396 PPB	-0.03
Spiked Amount 16.700			Recovery =	96.05%	
91) 1,4-Bromofluorobenzene (Su	10.21	95	116195	15.4242 PPB	-0.03
Spiked Amount 16.700			Recovery =	92.34%	
Target Compounds					Qvalue
11) 1,1-Dichloroethene (CCC)	2.85	96	4978	0.7006 PPB	# 73
19) Methylene chloride	3.44	84	458547	64.3733 PPB	# 69
29) 1,1-Dichloroethane (SPCC)	4.23	63	43966	2.8845 PPB	99
38) Carbon tetrachloride	5.29	117	6693	0.7469 PPB	88
41) Tetrahydrofuran	5.27	42	751m	~~0.6202~~ PPB	
43) 1,1,1-Trichloroethane	5.29	97	61140	5.4552 PPB	95
46) Benzene	5.69	78	10475	0.2939 PPB	90
51) 1,2-Dichloroethane	5.91	62	151562	20.3552 PPB	99
54) Trichloroethene	6.34	130	107279	12.9812 PPB	94
57) 1,2-Dichloropropane (CCC)	6.93	63	3191	0.4251 PPB	# 75
66) Toluene (CCC)	8.01	91	6614	0.2142 PPB	83
69) Tetrachloroethene	8.39	164	10284	1.6664 PPB	98
95) 1,2,3-Trichloropropane	10.44	110	4800	6.0035 PPB	# 66

(#)=qualifier out of range (m)=manual integration (S)=analyte in sublist

Quantitation Report

Data File : H:\MSI.I\I121507.B\IC15715.D Vial: 15
Acq On : 15 Dec 2007 7:39 pm Operator: BJP
Sample : KDG1R1AA;I7L050202-01 10KX,74895 Inst : MSI
Misc : 10000,10000, 07MSV0810IS 07MSV0811SUR Multiplr: 1.00
MS Integration Params: TAILA.P
Quant Time: Dec 28 8:59 19107 Quant Results File: I70326W.RES

Method : H:\MSI.I\METHODS\I70326W.M (RTE Integrator)
Title : EPA Method 8260B/624 Calibration Curve 15mL Water
Last Update : Mon Dec 17 10:34:21 2007
Response via : Initial Calibration



Data File : H:\MSI.I\I121507.B\IC15726.D Vial: 26
Acq On : 16 Dec 2007 12:15 am Operator: BJP
Sample : KDDP91AN;I7L040166-01MS,I121507 Inst : MSI
Misc : 1,1, 07MSV0819,0813,0792 5uL/50mL Multiplr: 1.00
MS Integration Params: TAILA.P
Quant Time: Dec 29 10:47 19107 Quant Results File: I70326W.RES

Quant Method : C:\HPCHEM\1\METHODS\I70326W.M (RTE Integrator)
Title : EPA Method 8260B/624 Calibration Curve 15mL Water
Last Update : Thu Dec 13 11:14:37 2007
Response via : Initial Calibration
DataAcq Meth : I70326W

MW 12-2007

Only worked up: Target Analytes

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
1) Fluorobenzene (IS)	6.15	96	507528	16.7000 PPB		0.00
65) Chlorobenzene-d5 (IS)	9.33	119	95561	16.7000 PPB		0.00
92) 1,4-Dichlorobenzene-d4 (IS	10.93	152	104832	16.7000 PPB		-0.03
System Monitoring Compounds						
42) Dibromofluoromethane (Surr	5.28	113	120359	17.3376 PPB		-0.05
Spiked Amount 16.700			Recovery = 103.83%			
50) 1,2-Dichloroethane-d4 (Sur	5.84	67	77533	20.1952 PPB		0.00
Spiked Amount 16.700			Recovery = 120.96%			
64) Toluene-d8 (Surr)	7.96	98	512118	17.2206 PPB		-0.03
Spiked Amount 16.700			Recovery = 103.11%			
91) 1,4-Bromofluorobenzene (Su	10.21	95	159736	17.4055 PPB		-0.03
Spiked Amount 16.700			Recovery = 104.25%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.48	85	322376	24.4308 PPB	S	98
3) Chloromethane (SPCC)	1.65	50	332165	26.6983 PPB	S	98
4) Vinyl chloride (CCC)	1.74	62	247982	29.0127 PPB	S	100
5) Bromomethane	2.06	94	125188	31.2310 PPB	S	99
7) Chloroethane	2.19	64	182962	24.9149 PPB	S	92
8) Trichlorofluoromethane	2.34	101	329337	23.2068 PPB	S	97
9) Ethyl ether	2.66	59	111399	23.4616 PPB	S	88
10) Ethanol	2.83	45	13391	863.7148 PPB #	S	25
11) 1,1-Dichloroethene (CCC)	2.85	96	153031	19.8267 PPB #	S	72
12) Carbon disulfide	2.86	76	481998	20.6933 PPB	S	92
13) 1,1,2-Trichlorotrifluoroet	2.90	101	163804	19.0711 PPB		97
15) Iodomethane	2.98	142	159592	21.8750 PPB		86
16) Bromoethane	3.11	108	110261	20.1899 PPB		99
17) Acrolein	3.19	56	33133	107.0641 PPB		95
18) 3-Chloropropene	3.33	41	294398	28.2634 PPB		88
19) Methylene chloride	3.44	84	161168	20.8288 PPB #		59
20) Acetone	3.50	43	15593	24.6282 PPB		89
21) trans-1,2-Dichloroethene	3.61	96	155674	17.5714 PPB #		78
22) Methyl acetate	3.63	74	33341	52.6203 PPB #		100
23) Hexane	3.69	86	58573	16.6906 PPB #		29
24) Methyl tert-butyl ether (M	3.72	73	290747	22.0224 PPB #		71
25) tert-Butyl alcohol	3.84	59	93410	515.6947 PPB #		51
26) Acetonitrile	3.96	40	21361	157.8024 PPB #		100
27) Isopropyl ether	4.12	45	611534	27.0266 PPB		91
28) 2-Chloro-1,3-butadiene	4.21	88	122927	18.5001 PPB #		51
29) 1,1-Dichloroethane (SPCC)	4.23	63	400331	24.1791 PPB		98

(#)=qualifier out of range (m)=manual integration (S)=analyte in sublist

Data File : H:\MSI.I\I121507.B\IC15726.D Vial: 26
Acq On : 16 Dec 2007 12:15 am Operator: BJP
Sample : KDDP91AN;I7L040166-01MS,I121507 Inst : MSI
Misc : 1,1, 07MSV0819,0813,0792 5uL/50mL Multiplr: 1.00
MS Integration Params: TAILA.P
Quant Time: Dec 29 10:47 19107 Quant Results File: I70326W.RES

Quant Method : C:\HPCHEM\1\METHODS\I70326W.M (RTE Integrator)
Title : EPA Method 8260B/624 Calibration Curve 15mL Water
Last Update : Thu Dec 13 11:14:37 2007
Response via : Initial Calibration
DataAcq Meth : I70326W

Compound	R.T.	QIon	Response	Conc Unit		Qvalue
30) Acrylonitrile	4.29	53	146910	129.6172 PPB	#	100
31) Vinyl acetate	4.51	43	145042	20.3702 PPB	#	85
32) cis-1,2-Dichloroethene	4.79	96	159056m	18.1124 PPB		
33) 2,2-Dichloropropane	4.90	77	256583	21.0981 PPB	#	95
34) Cyclohexane	4.99	56	391905	17.7361 PPB		91
35) Bromochloromethane	4.99	130	67543	18.8340 PPB	#	66
37) Chloroform (CCC)	5.09	83	317746	22.5898 PPB	#	75
38) Carbon tetrachloride	5.21	117	225112	23.1252 PPB		98
40) Ethyl acetate	5.23	43	262113	92.1300 PPB	#	50
41) Tetrahydrofuran	5.24	42	42457	32.2785 PPB	#	1
43) 1,1,1-Trichloroethane	5.29	97	295494	24.2716 PPB		99
44) 1,1-Dichloropropene	5.42	75	290689	22.5941 PPB		79
45) 2-Butanone (MEK)	5.42	43	29771	26.8128 PPB		94
46) Benzene	5.69	78	816725	21.0926 PPB		93
48) Propionitrile	5.73	54	45114	148.0464 PPB	#	1
49) Methacrylonitrile	5.75	67	168869	117.9394 PPB	#	76
51) 1,2-Dichloroethane	5.91	62	212029	26.2147 PPB		99
52) Isobutyl alcohol	5.99	43	36974	532.2075 PPB		88
53) Methylcyclohexane	6.32	83	875052	52.3548 PPB		85
54) Trichloroethene	6.34	130	175504	19.5502 PPB		92
55) Dibromomethane	6.81	93	56740	20.1774 PPB		91
56) n-Butanol	6.78	56	41081	1118.3179 ug/L	#	77
57) 1,2-Dichloropropane (CCC)	6.93	63	187856	23.0365 PPB		87
58) Bromodichloromethane	7.02	83	192413	22.3211 PPB		96
59) 1,4-Dioxane	7.27	88	11113	666.2836 PPB		78
60) Methyl methacrylate	7.23	69	44440	17.4286 PPB	#	66
61) 1-Bromo-2-chloroethane	7.57	63	165790	21.9517 PPB		91
62) cis-1,3-Dichloropropene	7.76	75	220862	21.0224 PPB		84
66) Toluene (CCC)	8.01	91	765762	20.3616 PPB		97
67) Epichlorohydrin	8.04	57	4545	19.1532 PPB	#	1
68) 2-Nitropropane	8.25	43	9203	19.2266 PPB		100
69) Tetrachloroethene	8.39	164	119188	15.8537 PPB		96
70) 4-Methyl-2-pentanone (MIBK	8.41	43	53479	22.1542 PPB	#	84
71) trans-1,3-Dichloropropene	8.44	75	172461	22.5918 PPB		82
72) 1,1,2-Trichloroethane	8.58	97	86867	20.1513 PPB		93
73) 4-Methyl-2-pentanol (MIBC)	8.52	45	20394	98.4479 PPB	#	46
74) Ethyl methacrylate	8.60	69	95699	17.9936 PPB		72
75) Dibromochloromethane	8.73	129	79529	19.7094 PPB		100
76) 1,3-Dichloropropane	8.81	76	190323	21.7823 PPB		83
77) 1,2-Dibromoethane (EDB)	8.92	107	71947	19.8982 PPB		100
78) 2-Hexanone	9.13	43	27025	20.5249 PPB		74

(#)=qualifier out of range (m)=manual integration (S)=analyte in sublist

Data File : H:\MSI.I\I121507.B\IC15726.D Vial: 26
Acq On : 16 Dec 2007 12:15 am Operator: BJP
Sample : KDDP91AN;I7L040166-01MS,I121507 Inst : MSI
Misc : 1,1, 07MSV0819,0813,0792 5uL/50mL Multiplr: 1.00
MS Integration Params: TAILA.P
Quant Time: Dec 29 10:47 19107 Quant Results File: I70326W.RES

Quant Method : C:\HPCHEM\1\METHODS\I70326W.M (RTE Integrator)
Title : EPA Method 8260B/624 Calibration Curve 15mL Water
Last Update : Thu Dec 13 11:14:37 2007
Response via : Initial Calibration
DataAcq Meth : I70326W

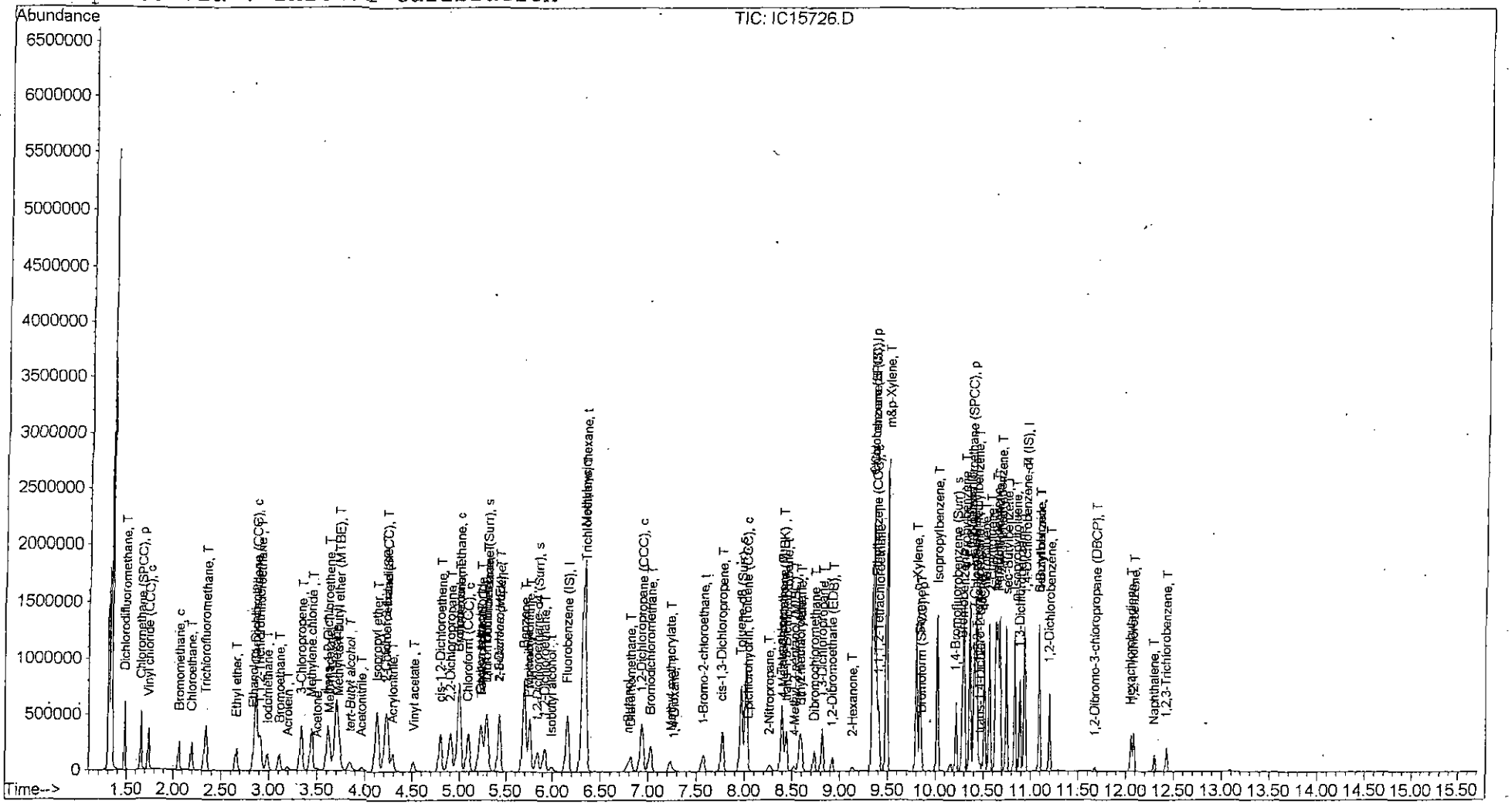
	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
79)	Chlorobenzene (SPCC)	9.34	112	409449	18.9468	PPB		90
80)	1-Chlorohexane	9.34	55	193987	22.0524	PPB		91
81)	Ethylbenzene (CCC)	9.37	106	236274	18.8187	PPB	#	56
82)	1,1,1,2-Tetrachloroethane	9.40	131	122244	20.2356	PPB	#	2
83)	m&p-Xylene	9.48	106	591436	39.0141	PPB		89
84)	o-Xylene	9.79	106	261220	19.1774	PPB		88
85)	Bromoform (SPCC)	9.85	173	26695	16.5216	PPB		99
86)	Styrene	9.84	104	335232	17.6699	PPB		90
87)	Isopropylbenzene	10.01	105	684229	19.4760	PPB		95
88)	Bromobenzene	10.27	156	115012	18.1097	PPB	#	78
89)	n-Propylbenzene	10.29	120	168792	18.0221	PPB	#	62
90)	1,1,2,2-Tetrachloroethane	10.35	83	72125	20.2138	PPB		96
93)	2-Chlorotoluene	10.40	126	137392	18.3425	PPB	#	75
95)	1,2,3-Trichloropropane	10.44	110	24972	21.5186	PPB		96
96)	trans-1,4-Dichloro-2-buten	10.46	89	2999	13.4068	PPB	#	1
97)	3-Ethyltoluene	10.35	105	584785	19.3291	PPB	#	95
98)	4-Chlorotoluene	10.51	126	138592	18.5297	PPB	#	78
99)	1,3,5-Trimethylbenzene	10.42	105	528547	19.9805	PPB		97
100)	2-Ethyltoluene	10.56	105	587998	19.4893	PPB		96
101)	tert-Butylbenzene	10.63	91	319053	21.1497	PPB		95
102)	Pentachloroethane	10.65	167	151327	67.5209	PPB	#	1
103)	1,2,4-Trimethylbenzene	10.67	105	510413	20.3136	PPB		93
104)	sec-Butylbenzene	10.74	105	640316	18.6647	PPB	#	81
105)	p-Isopropyltoluene	10.83	119	511915	18.9711	PPB		95
106)	1,3-Dichlorobenzene	10.88	146	219868	17.9152	PPB	#	13
107)	1,4-Dichlorobenzene	10.94	146	219324	17.8787	PPB	#	17
108)	Benzyl chloride	11.09	126	10101	11.3887	PPB	#	1
109)	n-Butylbenzene	11.08	134	107028	17.1129	PPB	#	84
110)	1,2-Dichlorobenzene	11.19	146	170581	18.0059	PPB		98
112)	1,2-Dibromo-3-chloropropan	11.67	157	4619	15.3650	PPB	#	1
113)	Hexachlorobutadiene	12.05	225	46024	15.6336	PPB		99
114)	1,2,4-Trichlorobenzene	12.08	180	68320	16.1140	PPB		100
115)	Naphthalene	12.29	128	81077	14.5685	PPB		99
116)	1,2,3-Trichlorobenzene	12.42	180	45539	16.3192	PPB		98

(#)=qualifier out of range (m)=manual integration (S)=analyte in sublist

Quantitation Report

Data File : H:\MSI.I\I121507.B\IC15726.D Vial: 26
Acq On : 16 Dec 2007 12:15 am Operator: BJP
Sample : KDDP91AN;I7L040166-01MS,I121507 Inst : MSI
Misc : 1,1, 07MSV0819,0813,0792 5uL/50mL Multiplr: 1.00
MS Integration Params: TAILA.P
Quant Time: Dec 29 10:47 19107 Quant Results File: I70326W.RES

Method : H:\MSI.I\METHODS\I70326W.M (RTE Integrator)
Title : EPA Method 8260B/624 Calibration Curve 15mL Water
Last Update : Mon Dec 17 10:34:21 2007
Response via : Initial Calibration



cis-1,2-Dichloroethene IC15726.D

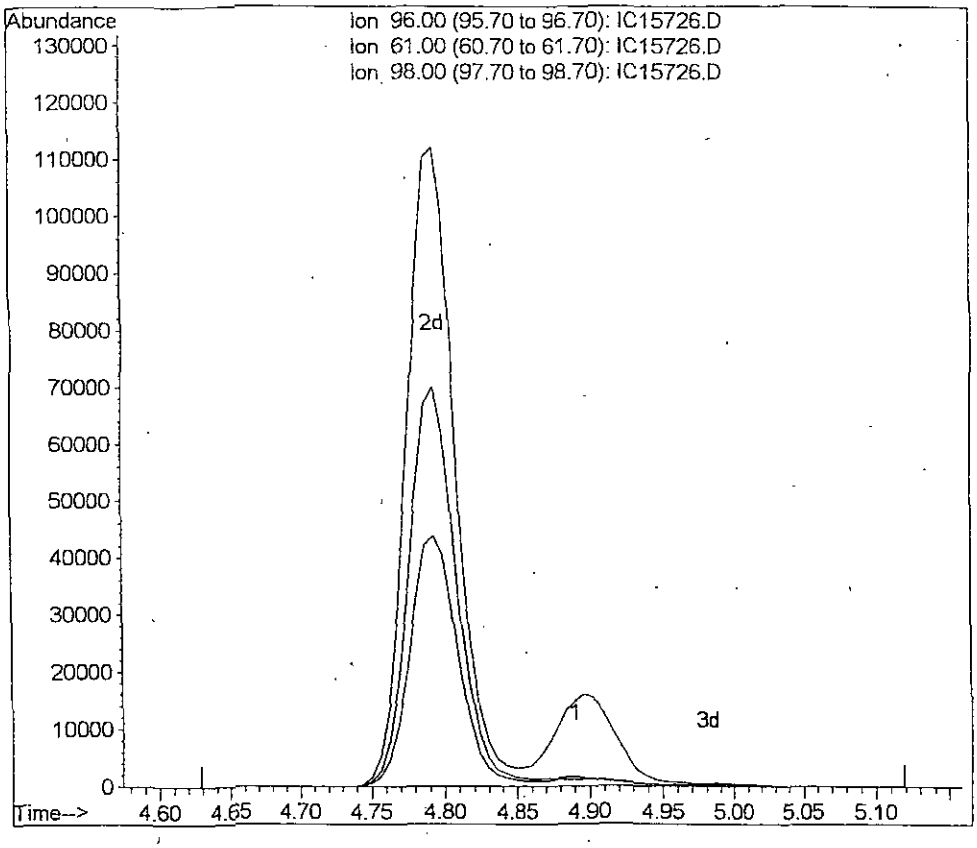
REASON FOR MANUAL INTEGRATION:

TAILING WRONG PEAK TWO PEAKS POOR INTEGRATION MISSED OTHER

ANALYST: BDW Sat Dec 29 10:47:30 2007

un-deleted DW 12-29-07

BEFORE



TIC: IC15726.D

(32) cis-1,2-Dichloroethene (T)

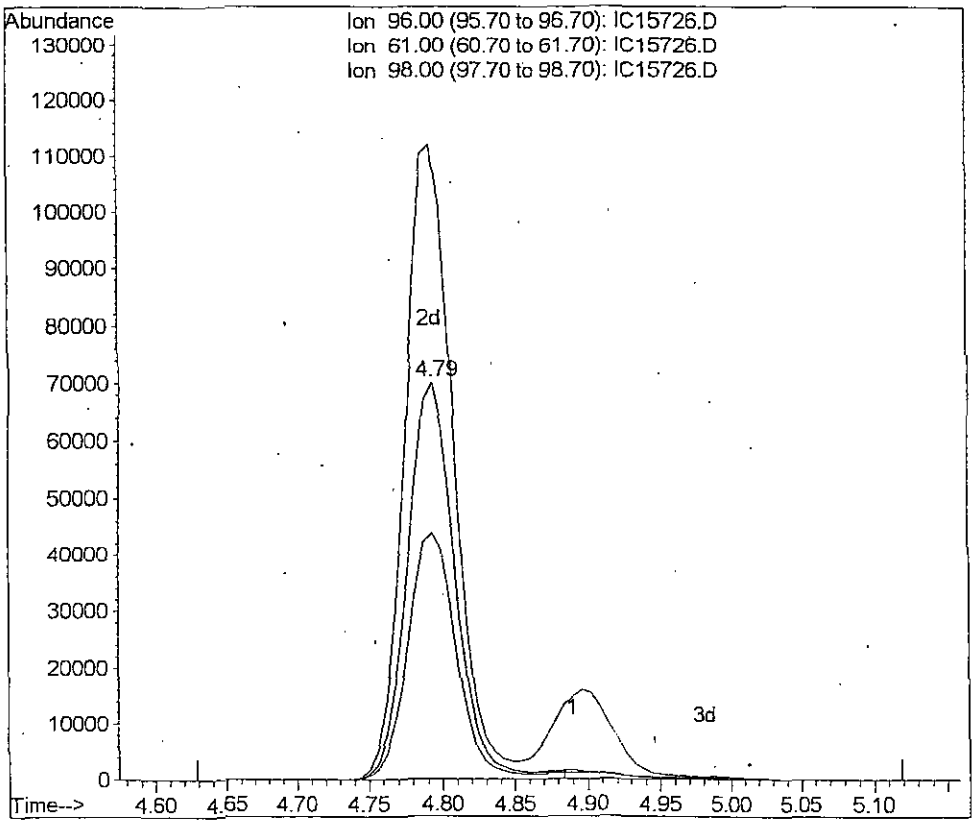
4.84min 0.00PPB d

response 0

Ion	Exp%	Act%
96.00	100	0.00
61.00	155.20	0.00
98.00	66.70	0.00
0.00	0.00	0.00

JAN 06 2008

AFTER



TIC: IC15726.D

(32) cis-1,2-Dichloroethene (T)

4.79min 18.11PPB m

response 159056

Ion	Exp%	Act%
96.00	100	100
61.00	155.20	0.00#
98.00	66.70	0.00#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data File : H:\MSI.I\I121507.B\IC15727.D Vial: 27
Acq On : 16 Dec 2007 12:41 am Operator: BJP
Sample : KDDP91AP;I7L040166-01MSD,I121507 Inst : MSI
Misc : 1,1, 07MSV0819,0813,0792 5uL/50mL Multiplr: 1.00
MS Integration Params: TAILA.P
Quant Time: Dec 29 10:49 19107 Quant Results File: I70326W.RES

Quant Method : C:\HPCHEM\1\METHODS\I70326W.M (RTE Integrator)
Title : EPA Method 8260B/624 Calibration Curve 15mL Water
Last Update : Thu Dec 13 11:14:37 2007
Response via : Initial Calibration
DataAcq Meth : I70326W

12-29-07

Only worked up: Target Analytes

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
1) Fluorobenzene (IS)	6.15	96	526544	16.7000 PPB		0.00
65) Chlorobenzene-d5 (IS)	9.33	119	97709	16.7000 PPB		0.00
92) 1,4-Dichlorobenzene-d4 (IS	10.93	152	108381	16.7000 PPB		-0.03
System Monitoring Compounds						
42) Dibromofluoromethane (Surr	5.28	113	123236	17.1109 PPB		-0.05
Spiked Amount 16.700			Recovery = 102.46%			
50) 1,2-Dichloroethane-d4 (Sur	5.84	67	77919	19.5627 PPB		0.00
Spiked Amount 16.700			Recovery = 117.13%			
64) Toluene-d8 (Surr)	7.96	98	527596	17.1004 PPB		-0.03
Spiked Amount 16.700			Recovery = 102.40%			
91) 1,4-Bromofluorobenzene (Su	10.21	95	164720	17.5540 PPB		-0.03
Spiked Amount 16.700			Recovery = 105.09%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.47	85	329125	24.0415 PPB	S	98
3) Chloromethane (SPCC)	1.65	50	350714	27.1712 PPB	S	98
4) Vinyl chloride (CCC)	1.74	62	255282	28.7881 PPB	S	99
5) Bromomethane	2.06	94	144703	34.7957 PPB	S	99
7) Chloroethane	2.19	64	187614	24.6257 PPB	S	88
8) Trichlorofluoromethane	2.33	101	341192	23.1738 PPB	S	96
9) Ethyl ether	2.65	59	119959	24.3519 PPB	S	89
10) Ethanol	2.83	45	15362	955.0595 PPB	# S	25
11) 1,1-Dichloroethene (CCC)	2.84	96	163977	20.4776 PPB	# S	74
12) Carbon disulfide	2.86	76	513576	21.2527 PPB	S	92
13) 1,1,2-Trichlorotrifluoroet	2.90	101	173038	19.4187 PPB		96
15) Iodomethane	2.98	142	179133	23.6667 PPB		88
16) Bromoethane	3.10	108	117551	20.7474 PPB		100
17) Acrolein	3.19	56	36325	113.1394 PPB		98
18) 3-Chloropropene	3.33	41	311062	28.7847 PPB		89
19) Methylene chloride	3.44	84	169146	21.0704 PPB	#	63
20) Acetone	3.50	43	17792	27.0866 PPB		89
21) trans-1,2-Dichloroethene	3.60	96	166048	18.0655 PPB	#	80
22) Methyl acetate	3.63	74	35113m	53.4155 PPB		
23) Hexane	3.69	86	60790	16.6968 PPB	#	29
24) Methyl tert-butyl ether (M	3.72	73	311701	22.7569 PPB	#	77
25) tert-Butyl alcohol	3.84	59	105224	554.6261 PPB	#	56
26) Acetonitrile	3.96	40	23365	166.3731 PPB	#	100
27) Isopropyl ether	4.11	45	647156	27.5680 PPB		91
28) 2-Chloro-1,3-butadiene	4.21	88	130034	18.8630 PPB	#	53
29) 1,1-Dichloroethane (SPCC)	4.23	63	416056	24.2213 PPB		98

(#)=qualifier out of range (m)=manual integration (S)=analyte in sublist

Data File : H:\MSI.I\I121507.B\IC15727.D Vial: 27
Acq On : 16 Dec 2007 12:41 am Operator: BJP
Sample : KDDP91AP;I7L040166-01MSD,I121507 Inst : MSI
Misc : 1,1, 07MSV0819,0813,0792 5uL/50mL Multiplr: 1.00
MS Integration Params: TAILA.P
Quant Time: Dec 29 10:49 19107 Quant Results File: I70326W.RES

Quant Method : C:\HPCHEM\1\METHODS\I70326W.M (RTE Integrator)
Title : EPA Method 8260B/624 Calibration Curve 15mL Water
Last Update : Thu Dec 13 11:14:37 2007
Response via : Initial Calibration
DataAcq Meth : I70326W

Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
30) Acrylonitrile	4.29	53	155600	132.3263	PPB	#	98
31) Vinyl acetate	4.51	43	153105	20.7260	PPB	#	85
32) cis-1,2-Dichloroethene	4.79	96	168884m	18.5370	PPB		
33) 2,2-Dichloropropane	4.89	77	270122	21.4093	PPB	#	96
34) Cyclohexane	4.98	56	407774	17.7878	PPB		93
35) Bromochloromethane	5.00	130	72401	19.4595	PPB	#	61
37) Chloroform (CCC)	5.09	83	330603	22.6550	PPB	#	77
38) Carbon tetrachloride	5.21	117	234913	23.2605	PPB		98
40) Ethyl acetate	5.23	43	269363	91.3358	PPB	#	51
41) Tetrahydrofuran	5.25	42	44248	32.4252	PPB	#	1
43) 1,1,1-Trichloroethane	5.28	97	307783	24.3680	PPB		98
44) 1,1-Dichloropropene	5.42	75	305410	22.8810	PPB		81
45) 2-Butanone (MEK)	5.42	43	30555	26.5251	PPB		97
46) Benzene	5.68	78	848881	21.1313	PPB		93
48) Propionitrile	5.73	54	51683	163.4781	PPB	#	1
49) Methacrylonitrile	5.75	67	179539	120.8629	PPB	#	76
51) 1,2-Dichloroethane	5.92	62	218724	26.0658	PPB		100
52) Isobutyl alcohol	5.99	43	39983	549.2948	PPB		88
53) Methylcyclohexane	6.32	83	911681	52.5764	PPB		85
54) Trichloroethene	6.34	130	185194	19.8846	PPB		93
55) Dibromomethane	6.81	93	59967	20.5548	PPB		92
56) n-Butanol	6.78	56	46339	1196.9922	ug/L	#	81
57) 1,2-Dichloropropane (CCC)	6.93	63	195263	23.0801	PPB		87
58) Bromodichloromethane	7.02	83	199487	22.3059	PPB		97
59) 1,4-Dioxane	7.26	88	12276	709.4308	PPB		81
60) Methyl methacrylate	7.23	69	47564	17.8983	PPB	#	68
61) 1-Bromo-2-chloroethane	7.56	63	174245	22.2380	PPB		91
62) cis-1,3-Dichloropropene	7.76	75	235509	21.6070	PPB		85
66) Toluene (CCC)	8.01	91	792260	20.6030	PPB		97
67) Epichlorohydrin	8.04	57	3589	14.7920	PPB	#	1
68) 2-Nitropropane	8.26	43	9732	19.7781	PPB		100
69) Tetrachloroethene	8.39	164	123493	16.0652	PPB		97
70) 4-Methyl-2-pentanone (MIBK	8.41	43	55769	22.5349	PPB	#	82
71) trans-1,3-Dichloropropene	8.43	75	185829	23.8079	PPB		84
72) 1,1,2-Trichloroethane	8.57	97	91953	20.8622	PPB		94
73) 4-Methyl-2-pentanol (MIBC)	8.52	45	21854	102.0309	PPB	#	46
74) Ethyl methacrylate	8.60	69	99289	18.2179	PPB		71
75) Dibromochloromethane	8.73	129	84539	20.4904	PPB		99
76) 1,3-Dichloropropane	8.81	76	200121	22.4002	PPB		84
77) 1,2-Dibromoethane (EDB)	8.91	107	76281	20.6331	PPB		99
78) 2-Hexanone	9.13	43	29012	21.2844	PPB		75

(#)=qualifier out of range (m)=manual integration (S)=analyte in sublist

Data File : H:\MSI.I\I121507.B\IC15727.D Vial: 27
Acq On : 16 Dec 2007 12:41 am Operator: BJP
Sample : KDDP91AP;I7L040166-01MSD,I121507 Inst : MSI
Misc : 1,1, 07MSV0819,0813,0792 5uL/50mL Multiplr: 1.00
MS Integration Params: TAILA.P
Quant Time: Dec 29 10:49 19107 Quant Results File: I70326W.RES

Quant Method : C:\HPCHEM\1\METHODS\I70326W.M (RTE Integrator)
Title : EPA Method 8260B/624 Calibration Curve 15mL Water
Last Update : Thu Dec 13 11:14:37 2007
Response via : Initial Calibration
DataAcq Meth : I70326W

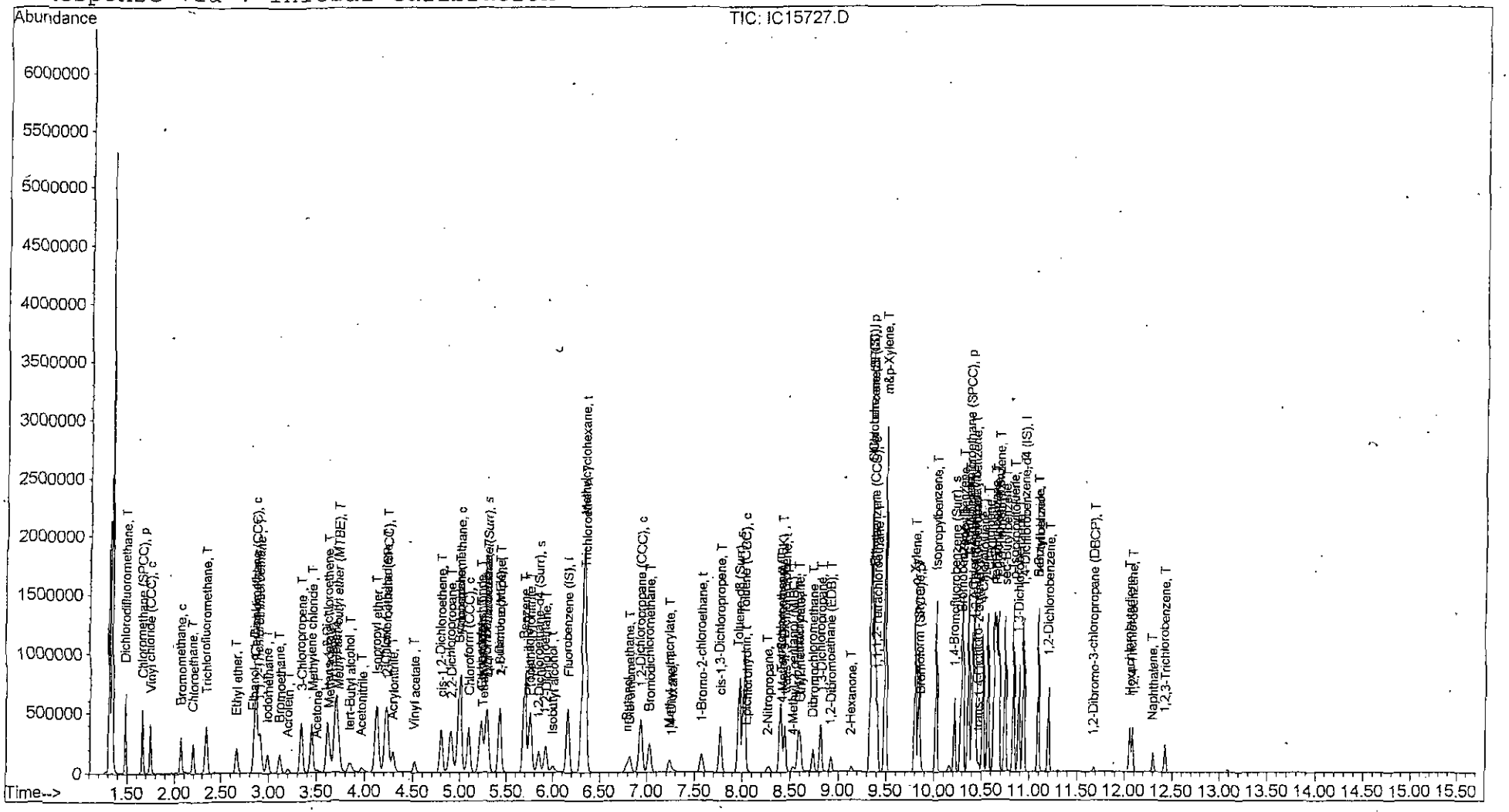
	Compound	R.T.	QIon	Response	Conc Unit		Qvalue
79)	Chlorobenzene (SPCC)	9.35	112	424383	19.2061 PPB		90
80)	1-Chlorohexane	9.33	55	202112	22.4709 PPB		91
81)	Ethylbenzene (CCC)	9.37	106	249343	19.4230 PPB	#	59
82)	1,1,1,2-Tetrachloroethane	9.40	131	127679	20.6706 PPB	#	3
83)	m&p-Xylene	9.48	106	618597	39.9087 PPB		90
84)	o-Xylene	9.80	106	275077	19.7508 PPB		89
85)	Bromoform (SPCC)	9.85	173	29707	17.9816 PPB		98
86)	Styrene	9.83	104	344170	17.7422 PPB		90
87)	Isopropylbenzene	10.02	105	727229	20.2448 PPB		95
88)	Bromobenzene	10.28	156	123694	19.0486 PPB	#	80
89)	n-Propylbenzene	10.30	120	179335	18.7269 PPB	#	64
90)	1,1,2,2-Tetrachloroethane	10.35	83	75933	20.8132 PPB		96
93)	2-Chlorotoluene	10.40	126	144462	18.6548 PPB	#	76
95)	1,2,3-Trichloropropane	10.44	110	25636	21.3674 PPB		96
96)	trans-1,4-Dichloro-2-buten	10.47	89	3836	15.9299 PPB	#	1
97)	3-Ethyltoluene	10.36	105	610630	19.5225 PPB	#	95
98)	4-Chlorotoluene	10.51	126	146857	18.9917 PPB	#	78
99)	1,3,5-Trimethylbenzene	10.42	105	552545	20.2037 PPB		97
100)	2-Ethyltoluene	10.56	105	621098	19.9123 PPB		97
101)	tert-Butylbenzene	10.62	91	338005	21.6724 PPB		97
102)	Pentachloroethane	10.65	167	151386	65.3354 PPB	#	1
103)	1,2,4-Trimethylbenzene	10.67	105	529657	20.3892 PPB		94
104)	sec-Butylbenzene	10.74	105	673957	19.0020 PPB	#	81
105)	p-Isopropyltoluene	10.82	119	541037	19.3938 PPB		95
106)	1,3-Dichlorobenzene	10.88	146	232468m	18.3216 PPB		
107)	1,4-Dichlorobenzene	10.93	146	231919	18.2863 PPB	#	100
108)	Benzyl chloride	11.09	126	10860	11.6813 PPB	#	1
109)	n-Butylbenzene	11.09	134	111953	17.3142 PPB	#	83
110)	1,2-Dichlorobenzene	11.20	146	181544	18.5356 PPB		98
112)	1,2-Dibromo-3-chloropropan	11.68	157	5004	15.8779 PPB	#	1
113)	Hexachlorobutadiene	12.05	225	50343	16.5407 PPB		99
114)	1,2,4-Trichlorobenzene	12.08	180	75316	17.1824 PPB		99
115)	Naphthalene	12.29	128	89571	15.3387 PPB		100
116)	1,2,3-Trichlorobenzene	12.42	180	50186	17.3956 PPB		99

(#)=qualifier out of range (m)=manual integration (S)=analyte in sublist

Quantitation Report

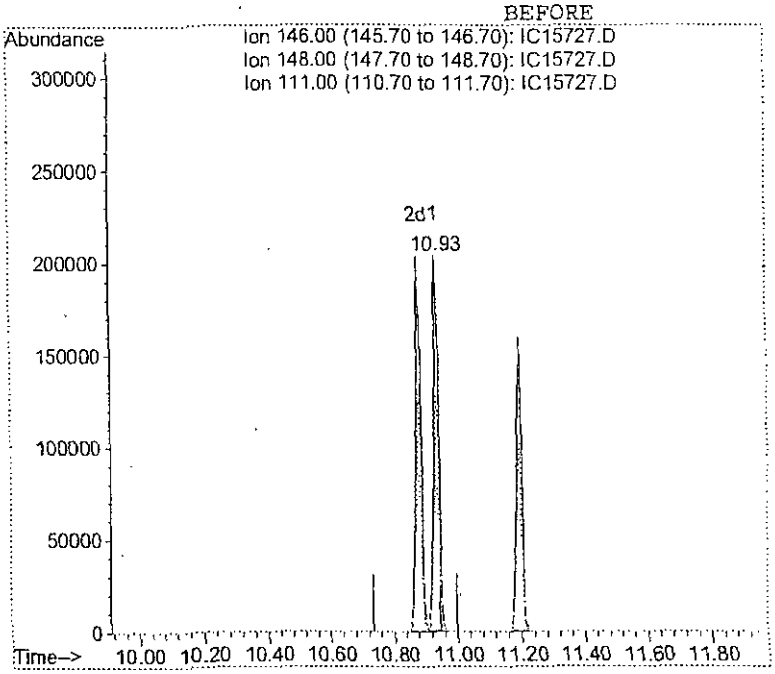
Data File : H:\MSI.I\I121507.B\IC15727.D Vial: 27
Acq On : 16 Dec 2007 12:41 am Operator: BJP
Sample : KDDP91AP;I7L040166-01MSD,I121507 Inst : MSI
Misc : 1,1, 07MSV0819,0813,0792 5uL/50mL Multiplr: 1.00
MS Integration Params: TAILA.P
Quant Time: Dec 29 10:49 19107 Quant Results File: I70326W.RES

Method : H:\MSI.I\METHODS\I70326W.M (RTE Integrator)
Title : EPA Method 8260B/624 Calibration Curve 15mL Water
Last Update : Mon Dec 17 10:34:21 2007
Response via : Initial Calibration



1,3-Dichlorobenzene IC15727.D
REASON FOR ~~MANUAL~~ INTEGRATION:
TAILING (WRONG PEAK) TWO PEAKS POOR INTEGRATION MISSED OTHER
ANALYST: EDN Fri Dec 28 10:11:09 2007
12-29

BEFORE



TIC: IC15727.D

(106) 1,3-Dichlorobenzene (T

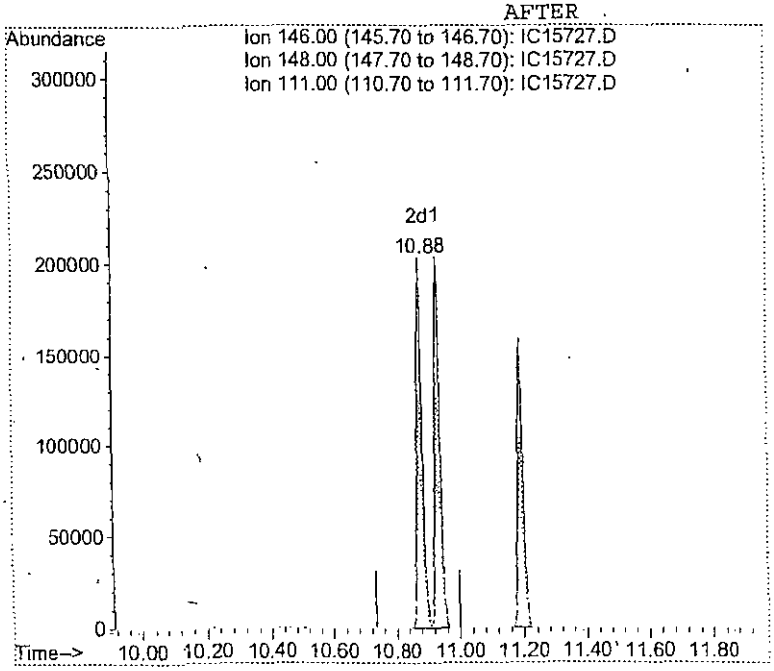
10.93min 17.60PPB

response 223360

Ion	Exp%	Act%
146.00	100	100
148.00	63.70	62.90
111.00	80.30	89.26
0.00	0.00	0.00

12-29-07

AFTER



TIC: IC15727.D

(106) 1,3-Dichlorobenzene (T

10.88min 18.32PPB m

response 232468

Ion	Exp%	Act%
146.00	100	100
148.00	63.70	60.43
111.00	80.30	85.76
0.00	0.00	0.00

Methyl acetate IC15727.D

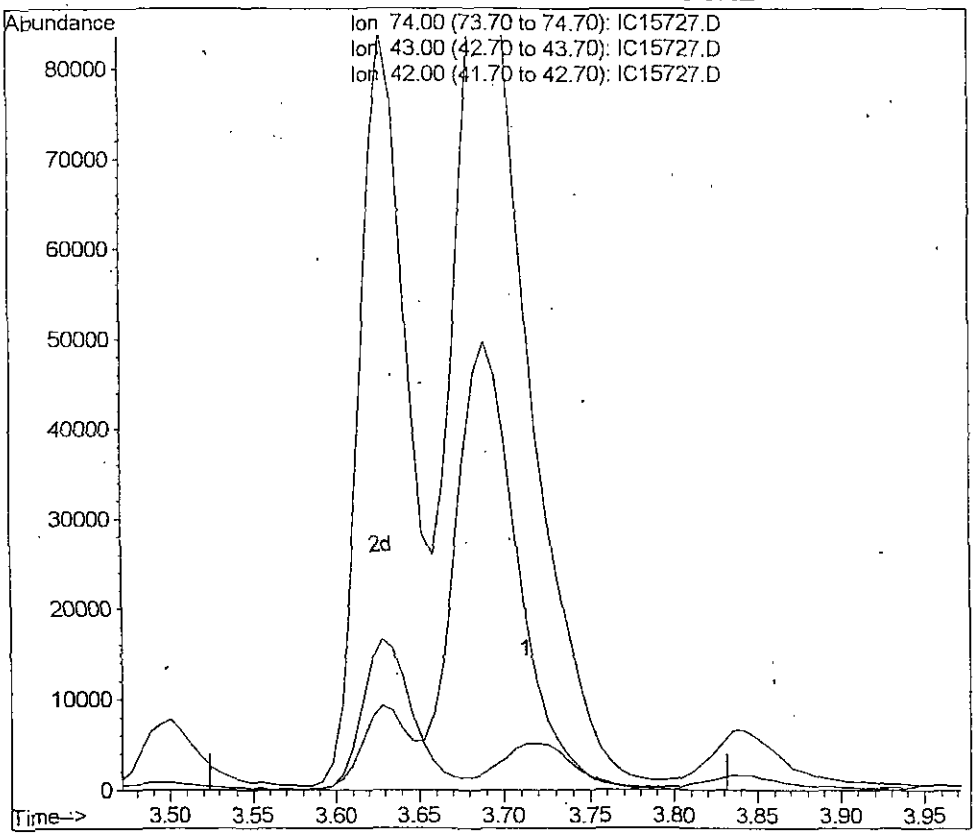
REASON FOR MANUAL INTEGRATION:

TAILING WRONG PEAK TWO PEAKS POOR INTEGRATION MISSED OTHER

ANALYST: BDW Sat Dec 29 10:48:36 2007

Updated
DW
12-29-07

BEFORE



TIC: IC15727.D

(22) Methyl acetate (T)

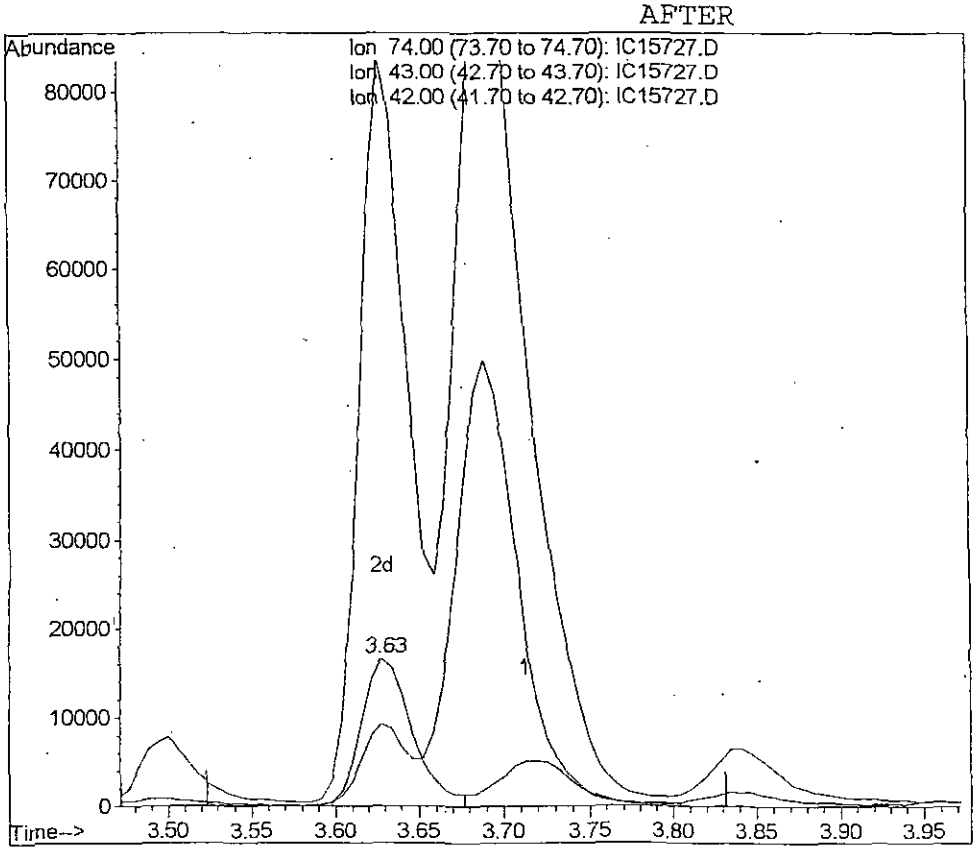
3.66min 0.00PPB d

response 0

Ion	Exp%	Act%
74.00	100	0.00
43.00	0.00	0.00
42.00	0.00	0.00
0.00	0.00	0.00

JAN 0 6 2008

AFTER



TIC: IC15727.D

(22) Methyl acetate (T)

3.63min 53.42PPB m

response 35113

Ion	Exp%	Act%
74.00	100	100
43.00	0.00	1298.52#
42.00	0.00	417.94#
0.00	0.00	0.00

cis-1,2-Dichloroethene IC15727.D

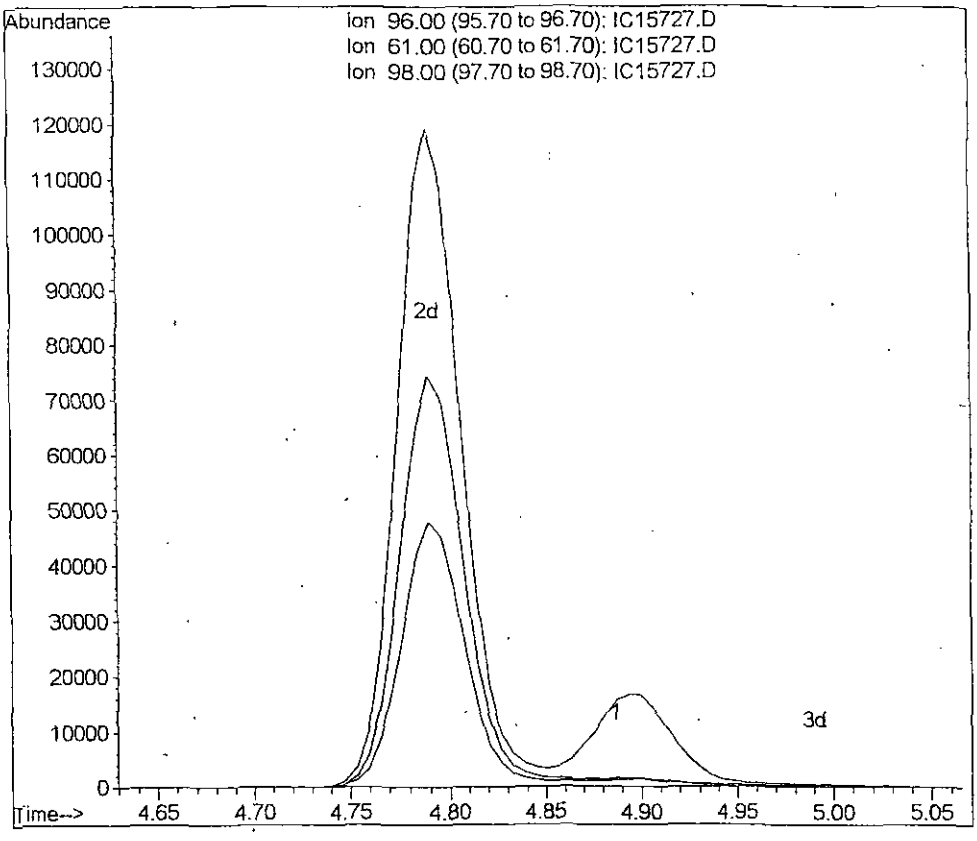
REASON FOR MANUAL INTEGRATION:

TAILING WRONG PEAK TWO PEAKS POOR INTEGRATION MISSED OTHER

ANALYST: BDW Sat Dec 29 10:48:58 2007

cis-deleted DW 12-29-07

BEFORE



TIC: IC15727.D

(32) cis-1,2-Dichloroethene (T)

4.84min 0.00PPB d

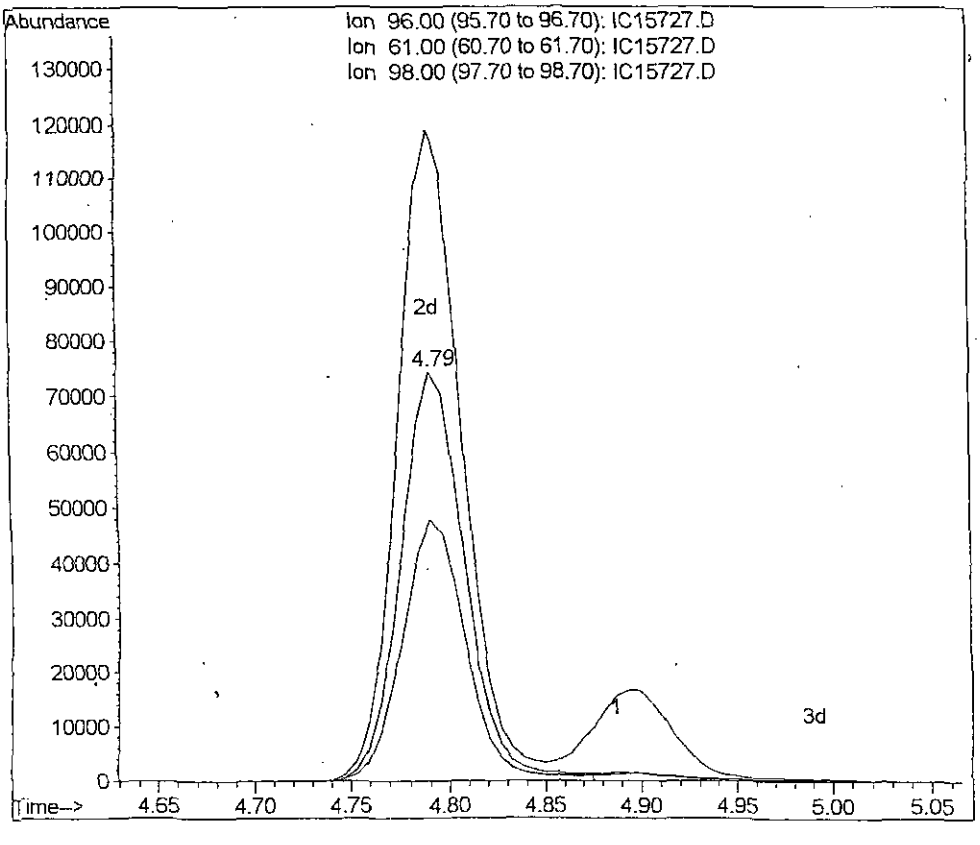
response 0

Ion	Exp%	Act%
96.00	100	0.00
61.00	155.20	0.00
98.00	66.70	0.00
0.00	0.00	0.00

Poor

JAN 0 6 2008

AFTER



TIC: IC15727.D

(32) cis-1,2-Dichloroethene (T)

4.79min 18.54PPB m

response 168884

Ion	Exp%	Act%
96.00	100	100
61.00	155.20	0.00#
98.00	66.70	0.00#
0.00	0.00	0.00

Calibration Data

BPP 3/27/07

Calibration Table Report											
Method: I70326W.M											
Title: EPA Method 8260B/624 Calibration Curve 15mL Water											
Last Calibration: Tue Mar 27 13:31:08 2007											
Calibration Files											
	1	2	5	10	20	50	100				
	I326705.D	I326706.D	I326707.D	I326708.D	I326709.D	I326710.D	I326711.D				
Compound								Avg RF	%RSD	LR	QR
										≥0.995	≥0.990
Fluorobenzene (IS)	ISTD										
Dichlorodifluoromethane	0.448	0.455	0.434	0.448	0.430	0.419	0.406	0.434	4.033		
Chloromethane (SPCC)	0.411	0.420	0.393	0.427	0.403	0.405	0.406	0.409 ✓	2.717		
Vinyl chloride (CCC)	0.266	0.283	0.273	0.300	0.279	0.276	0.271	0.281	3.512 ✓		
Bromomethane	✓	0.104	0.119	0.146	0.139	0.146	0.139	0.132	12.784		
Ethylene oxide	✓	✓	0.015	0.016	0.015	0.015	0.013	0.015	6.880		
Chloroethane	0.265	0.264	0.255	0.264	0.238	0.228	0.179	0.242	12.959		
Trichlorofluoromethane	0.499	0.497	0.474	0.489	0.458	0.439	0.413	0.467	6.930		
Ethyl ether	0.142	0.160	0.144	0.160	0.162	0.164	0.161	0.156	5.879		
Ethanol	✓	✓	0.000	0.000	0.001	0.001	0.001	0.001	17.384		
,1-Dichloroethene (CCC)	0.264	0.256	0.246	0.264	0.254	0.251	0.243	0.254	3.293 ✓		
Carbon disulfide	0.773	0.729	0.714	0.790	0.787	0.795	0.776	0.766	4.170		
,1,2-Trichlorotrifluoroethane	0.306	0.297	0.276	0.288	0.275	0.272	0.265	0.283	5.219		
Propylene oxide	✓	✓	0.020	0.023	0.023	0.025	0.025	0.023	8.164		
Iodomethane	0.226	0.233	0.252	0.276	0.250	0.235	0.210	0.240	8.879		
Bromoethane	0.186	0.186	0.176	0.186	0.178	0.177	0.170	0.180	3.469		
Acrolein		0.008	0.009	0.010	0.010	0.012	0.012	0.010	15.047		
-Chloropropene	0.326	0.334	0.341	0.373	0.358	0.347	0.319	0.343	5.494		
Methylene chloride	0.268	0.269	0.245	0.262	0.249	0.247	0.242	0.255	4.390		
Acetone	✓	✓	0.019	0.021	0.020	0.021	0.024	0.021	8.945		
Trans-1,2-Dichloroethene	0.301	0.306	0.287	0.309	0.291	0.279	0.268	0.292	5.147		
Methyl acetate	✓	0.022	0.019	0.021	0.020	0.021	0.022	0.021	4.306		
Hexane	0.111	0.111	0.113	0.122	0.119	0.117	0.115	0.115	3.651		
Methyl tert-butyl ether (MTBE)	0.379	0.423	0.386	0.440	0.457	0.475	0.481	0.434	9.394		
tert-Butyl alcohol	0.004	0.004	0.003	0.005	0.006	0.006	0.007	0.005	25.378	0.996	
Acetonitrile	✓	✓	0.004	0.004	0.005	0.005	0.005	0.004	12.313		

Calibration Files											
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	I326705.D	I326706.D	I326707.D	I326708.D	I326709.D	I326710.D	I326711.D				
Compound								Avg RF	%RSD	LR	QR
										≥0.995	≥0.990
Isopropyl ether	0.648	0.707	0.686	0.783	0.796	0.806	0.786	0.745	8.465		
2-Chloro-1,3-butadiene	0.186	0.196	0.203	0.232	0.234	0.240	0.239	0.219	10.438		
1,1-Dichloroethane (SPCC)	0.551	0.565	0.531	0.576	0.546	0.536	0.508	0.545	4.130		
Acrylonitrile	✓	0.035	0.033	0.038	0.038	0.040	0.040	0.037	6.830		
Vinyl acetate	✓	0.191	0.185	0.227	0.250	0.273	0.279	0.234	17.118		
cis-1,2-Dichloroethene	0.296	0.299	0.286	0.307	0.288	0.278	0.269	0.289	4.450		
2,2-Dichloropropane	0.361	0.372	0.370	0.415	0.416	0.433	0.434	0.400	7.854		
Cyclohexane	0.723	0.734	0.732	0.781	0.742	0.713	0.664	0.727	4.818		
Bromochloromethane	0.124	0.124	0.112	0.119	0.116	0.117	0.114	0.118	3.894		
2-Methylhexane	0.565	0.621	0.614	0.648	0.627	0.596	0.546	0.603	5.997		
Chloroform (CCC)	0.479	0.483	0.449	0.481	0.459	0.454	0.436	0.463	3.972		
Carbon tetrachloride	0.311	0.310	0.308	0.333	0.325	0.332	0.324	0.320	3.372		
3-Methylhexane	0.246	0.263	0.255	0.276	0.270	0.261	0.244	0.259	4.589		
Ethyl acetate	0.065	0.081	0.071	0.094	0.096	0.107	0.130	0.092	24.069		1.000
Tetrahydrofuran	0.038	0.044	0.035	0.044	0.048	0.051	0.044	0.043	12.741		
Dibromofluoromethane (Surr)	0.235	0.231	0.221	0.238	0.230	0.226	0.217	0.228	3.297		
1,1,1-Trichloroethane	0.384	0.398	0.389	0.421	0.407	0.408	0.398	0.401	3.133		
1,1-Dichloropropene	0.406	0.414	0.407	0.450	0.433	0.432	0.422	0.423	3.784		
2-Butanone (MEK)	✓	✓	0.035	0.035	0.036	0.038	0.039	0.037	5.221		
Benzene	1.310	1.337	1.260	1.335	1.268	1.240	1.169	1.274	4.690		
Heptane	0.220	0.241	0.249	0.272	0.265	0.258	0.242	0.249	6.918		
Propionitrile	✓	0.011	0.009	0.010	0.010	0.010	0.011	0.010	7.848		
Methacrylonitrile	0.037	0.044	0.042	0.050	0.052	0.053	0.052	0.047	13.342		
1,2-Dichloroethane-d4 (Surr)	0.140	0.139	0.118	0.128	0.124	0.118	0.117	0.126	7.693		
1,2-Dichloroethane	0.272	0.279	0.257	0.273	0.268	0.264	0.250	0.266	3.825		
Isobutyl alcohol	✓	✓	0.001	0.002	0.002	0.002	0.003	0.002	31.469	0.996	
Methylcyclohexane	0.559	0.564	0.546	0.585	0.557	0.540	0.498	0.550	4.896		
Trichloroethene	0.299	0.304	0.287	0.307	0.295	0.294	0.282	0.295	3.052		
Dibromomethane	0.096	0.094	0.087	0.096	0.095	0.093	0.087	0.093	4.078		
n-Butanol	✓	0.001	0.001	0.001	0.001	0.001	0.002	0.001	47.949		1.000
1,2-Dichloropropane (CCC)	0.259	0.266	0.255	0.279	0.275	0.276	0.269	0.268	3.390		

Calibration Files											
	1	2	5	10	20	50	100				
	I326705.D	I326706.D	I326707.D	I326708.D	I326709.D	I326710.D	I326711.D				
Compound								Avg RF	%RSD	LR	QR
										≥0.995	≥0.990
Bromodichloromethane	0.264	0.267	0.256	0.290	0.293	0.307	0.307	0.284	7.454		
1,4-Dioxane	✓	✓	0.000	0.000	0.001	0.001	0.001	0.001	20.723	OK DM 3/27/08	
Methyl methacrylate	0.041	0.046	0.046	0.062	0.076	0.090	0.097	0.066	34.615	0.998	
1-Bromo-2-chloroethane	0.230	0.248	0.227	0.256	0.254	0.261	0.263	0.249	5.891		
cis-1,3-Dichloropropene	0.265	0.298	0.303	0.362	0.380	0.404	0.408	0.346	16.453		
2-Chloroethyl vinyl ether	✓	✓	0.036	0.047	0.053	0.061	0.064	0.052	21.905	1.000	
Toluene-d8 (Surr)	0.914	0.954	0.940	1.046	1.018	1.009	0.970	0.979	4.840		
Chlorobenzene-d5 (IS)	ISTD										
Toluene (CCC)	6.547	6.701	6.394	6.958	6.553	6.446	6.406	6.572	3.055 ✓		
Epichlorohydrin	✓	✓	0.031	0.040	0.043	0.045	0.048	0.041	16.305		
2-Nitropropane to be updated →	✓	0.070	0.057	0.071	0.082	0.105	0.135	0.087	33.263		1.000
Tetrachloroethene	1.321	1.336	1.257	1.355	1.285	1.296	1.346	1.314	2.711		
4-Methyl-2-pentanone (MIBK)	✓	0.268	0.254	0.321	0.382	0.435	0.481	0.357	25.672	0.998	
trans-1,3-Dichloropropene	1.013	1.139	1.126	1.381	1.456	1.565	1.659	1.334	18.378		
1,1,2-Trichloroethane	0.741	0.759	0.705	0.771	0.754	0.755	0.787	0.753	3.393		
4-Methyl-2-pentanol (MIBC)	✓	0.024	0.020	0.027	0.037	0.052	0.075	0.039	53.293		1.000
Ethyl methacrylate	0.364	0.429	0.494	0.690	0.859	0.975	1.086	0.700	40.357	0.997	
Dibromochloromethane	0.587	0.639	0.592	0.712	0.751	0.798	0.858	0.705	14.774		
1,3-Dichloropropane	1.491	1.578	1.434	1.572	1.519	1.532	1.563	1.527	3.377		
1,2-Dibromoethane (EDB)	0.564	0.605	0.572	0.650	0.654	0.668	0.709	0.632	8.447		
2-Hexanone	✓	✓	0.123	0.168	0.209	0.254	0.300	0.211	33.024	0.996	
Chlorobenzene (SPCC)	4.028	3.994	3.690	3.941	3.712	3.617	3.454	3.777 ✓	5.710		
-Chlorohexane	1.908	1.707	1.508	1.572	1.461	1.344	1.260	1.537	14.266		
Ethylbenzene (CCC)	2.152	2.197	2.161	2.331	2.201	2.183	2.134	2.194	2.965 ✓		
,1,1,2-Tetrachloroethane	1.027	1.046	0.953	1.082	1.067	1.087	1.127	1.056	5.237		
&p-Xylene	2.557	2.723	2.666	2.873	2.771	2.617	2.338	2.649	6.478		
-Xylene	2.116	2.267	2.275	2.582	2.498	2.487	2.439	2.380	6.923		
romoform (SPCC)	0.226	0.246	0.227	0.281	0.297	0.334	0.365	0.282 ✓	18.939		
tyrene	2.244	2.733	3.072	3.695	3.796	3.845	3.823	3.315	19.307		
sopropylbenzene	5.553	6.016	6.055	6.735	6.414	6.253	5.951	6.140	6.112		
romobenzene	1.030	1.115	1.044	1.149	1.131	1.140	1.160	1.110	4.679		

Calibration Files											
	1	2	5	10	20	50	100				
	I326705.D	I326706.D	I326707.D	I326708.D	I326709.D	I326710.D	I326711.D				
Compound								Avg RF	%RSD	LR	QR
										≥0.995	≥0.990
n-Propylbenzene	1.431	1.597	1.625	1.777	1.703	1.688	1.636	1.637	6.638		
1,1,2,2-Tetrachloroethane (SPCC)	0.615	0.640	0.566	0.630	0.638	0.638	0.638	0.624 ✓	4.332		
1,4-Bromofluorobenzene (Surr)	1.681	1.560	1.492	1.664	1.615	1.606	1.609	1.604	3.962		
1,4-Dichlorobenzene-d4 (IS)	ISTD										
2-Chlorotoluene	1.194	1.189	1.182	1.257	1.200	1.176	1.155	1.193	2.659		
Cyclohexanone	✓	✓	0.003	0.004	0.004	0.005	0.005	0.004	26.841	0.998	
1,2,3-Trichloropropane	0.183	0.191	0.176	0.188	0.187	0.184	0.185	0.185	2.539		
trans-1,4-Dichloro-2-butene	✓	0.024	0.020	0.030	0.038	0.048	0.059	0.036	40.718		1.000
3-Ethyltoluene	4.313	4.656	4.872	5.341	5.068	4.926	4.562	4.820	7.072		
4-Chlorotoluene	1.119	1.189	1.196	1.265	1.208	1.191	1.172	1.192	3.664		
1,3,5-Trimethylbenzene	3.832	4.086	4.301	4.643	4.419	4.266	3.951	4.214	6.625		
2-Ethyltoluene	4.490	4.696	4.876	5.215	4.986	4.834	4.547	4.806	5.265		
tert-Butylbenzene	2.306	2.418	2.453	2.612	2.432	2.375	2.227	2.403	5.043		
Pentachloroethane	0.331	0.324	0.326	0.354	0.368	0.394	0.401	0.357	9.040		
1,2,4-Trimethylbenzene	3.613	3.850	4.036	4.342	4.201	4.109	3.870	4.003	6.113		
sec-Butylbenzene	5.199	5.461	5.576	5.982	5.649	5.387	5.000	5.465	5.819		
p-Isopropyltoluene	3.657	4.088	4.389	4.771	4.586	4.475	4.125	4.299	8.659		
1,3-Dichlorobenzene	1.987	2.052	1.899	2.015	1.936	1.918	1.878	1.955	3.282		
1,4-Dichlorobenzene	2.130	2.038	1.880	1.999	1.901	1.886	1.845	1.954	5.327		
Benzyl chloride	✓	0.083	0.088	0.120	0.147	0.190	0.215	0.141	38.289	0.996	
n-Butylbenzene	0.832	0.895	0.980	1.105	1.078	1.071	1.014	0.996	10.198		
1,2-Dichlorobenzene	1.529	1.531	1.439	1.547	1.503	1.505	1.511	1.509	2.311		
1,3,5-Trichlorobenzene	1.069	1.112	1.062	1.169	1.164	1.179	1.053	1.115	4.917		
1,2-Dibromo-3-chloropropane (DBCP)	✓	✓	0.034	0.045	0.047	0.057	0.067	0.050	25.186	0.996	
Hexachlorobutadiene	0.478	0.483	0.455	0.476	0.474	0.472	0.444	0.469	2.957		
1,2,4-Trichlorobenzene	0.600	0.643	0.591	0.681	0.704	0.771	0.737	0.675	10.036		
Naphthalene	✓	0.517	0.497	0.675	0.820	1.072	1.118	0.783	34.322	0.998	
1,2,3-Trichlorobenzene	0.369	0.420	0.366	0.438	0.474	0.535	0.509	0.445	14.696		
Tue Mar 27 14:11:51 2007											

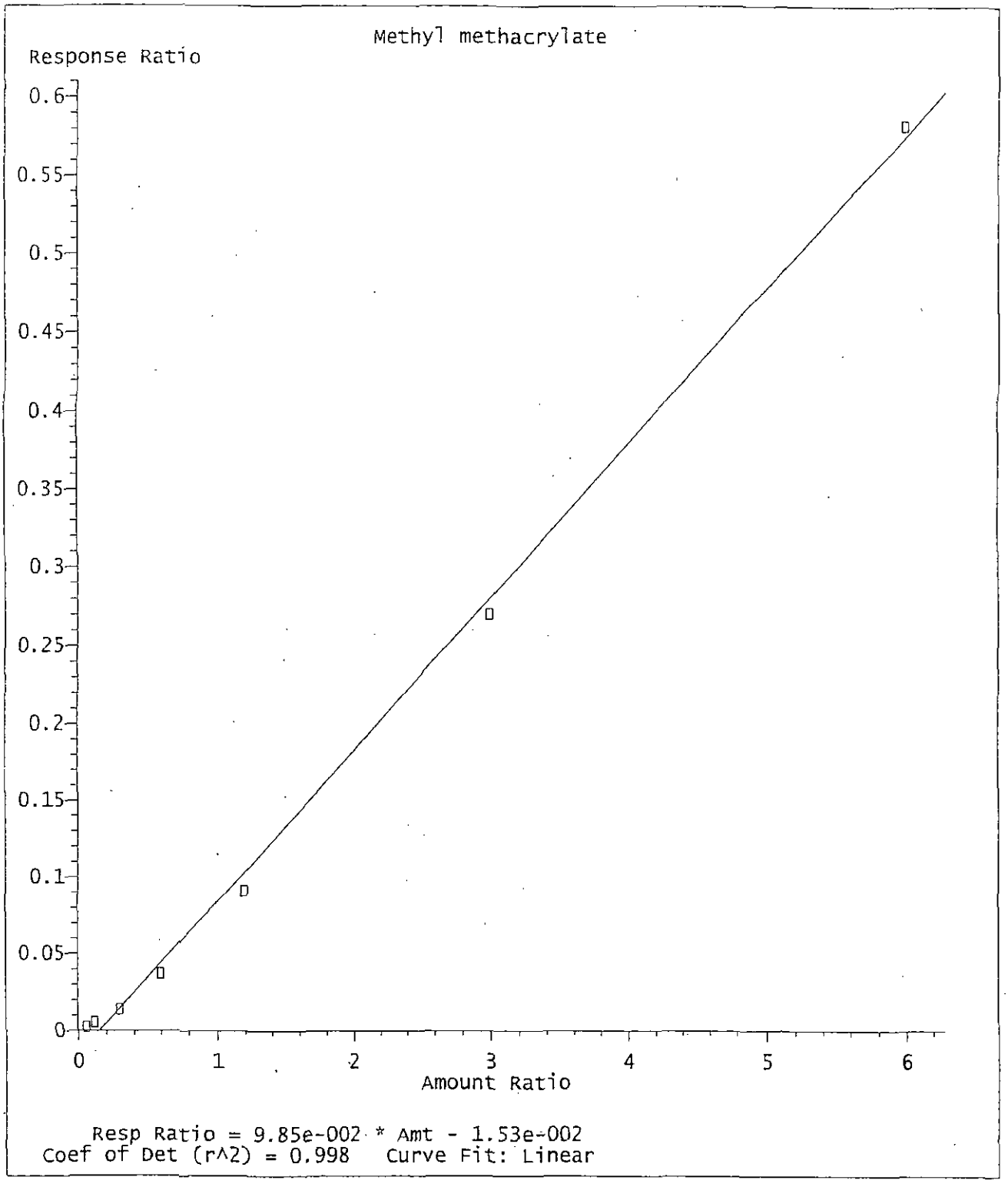
INITIAL CALIBRATION REVIEW FORM

Instrument	MSI
Date Analyzed	3/26/07
Matrix	Water

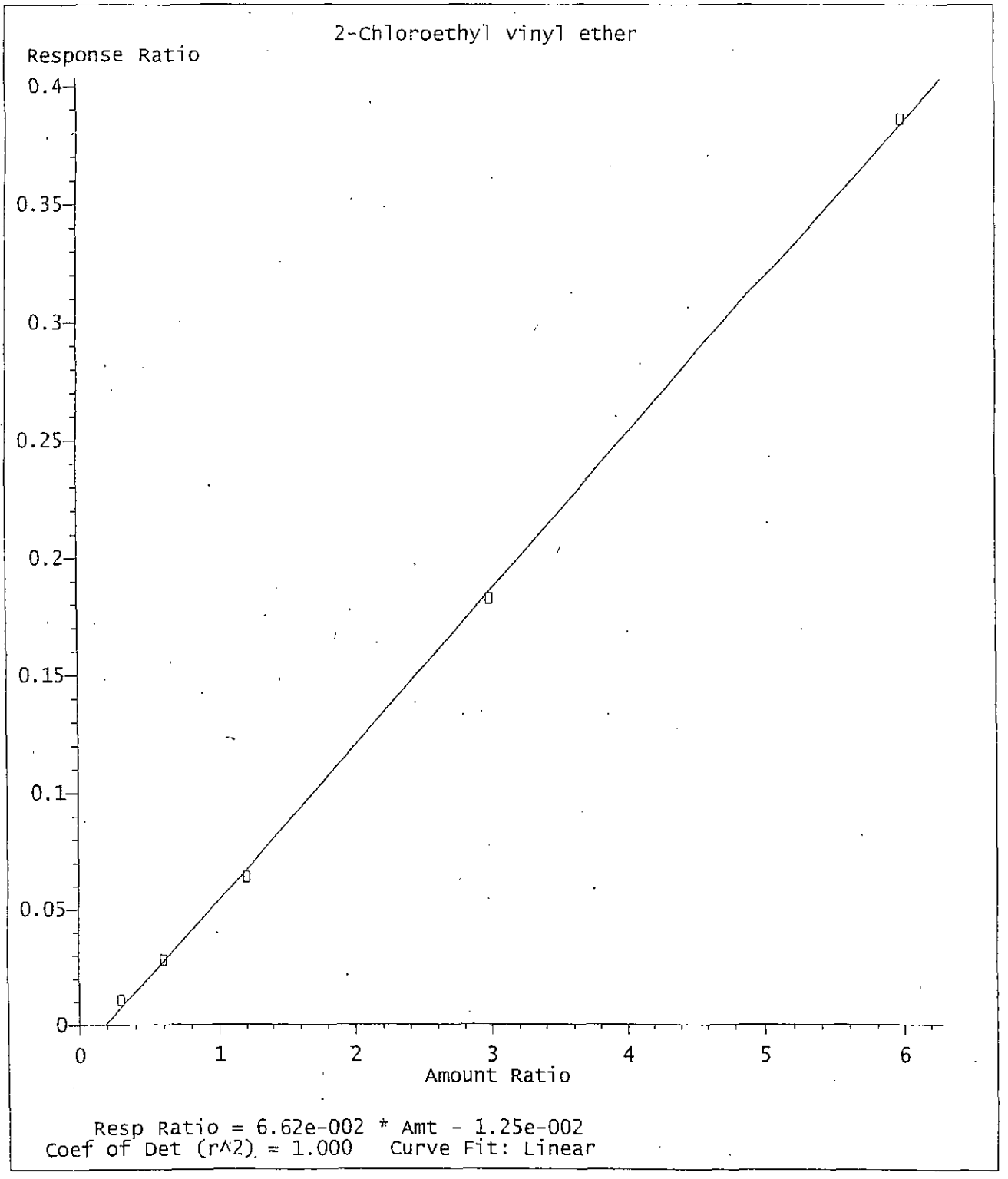
	Analyst check	Peer Reviewer check
Checked to be sure all CCC and SPCC compounds pass criteria.	✓	✓
Checked to be sure all other compounds pass one of the following criteria: RSD<20 for Avg RF, r^2>=0.995 for linear, r^2 >=0.990 for quadratic(minimum 6 points)	✓	✓
Checked to be sure correct levels were used (i.e. none inappropriately skipped).	✓	✓
Checked to be sure that there are at least 5 points for each compound.	✓	✓
Checked to be sure the internal standard concentration is correct (i.e. 16.7 for waters, 50.0 for soils).	✓	✓
Checked to be sure that lowest point matches SOP PQL.	✓	✓
Checked INITIAL CALIBRATION CHECK FORM to be sure all analytes were picked up (i.e. there were no RT values of 0).	✓	✓
Checked INITIAL CALIBRATION CHECK FORM to be sure all isomers have unique RTs (i.e. no analytes at same RT with same primary ion).	✓	✓
Checked that the quant reports for manually-integrated compounds are in the folder and the area counts match those in the method.	✓	✓
If additional compound(s) calibrated for separately, be sure they use appropriate additional levels (e.g. 1a,2a,3a,4a,5a).	N/A	✓
Included a tune file and sequence file in the ICAL folder.	✓	✓
Included a list of compounds form (shows fit) and plots for those analytes using linear regression (if applicable).	✓	✓
Print ICV form for data folder and instrument. Write NCM for failing ICVs and print NCM for data folder.	N/A	✓
Ran CALEXCEL and saved .csv file in data subdirectory.	✓	✓
Copy Data for Curve Date to Appropriate "DataForCurrentCurve" folder	✓	✓
Verify that (CCV and LCS) macro forms are picking up all analytes	✓	✓
Initial/Date	BM 3/27/07	DW 3-27-07

****If new analyst or reviewing a new analyst, please take extra time and care.****

Notes: BM



Method Name: H:\MSI.I\METHODS\I70326W.M
Calibration Table Last Updated: Tue Mar 27 13:31:08 2007



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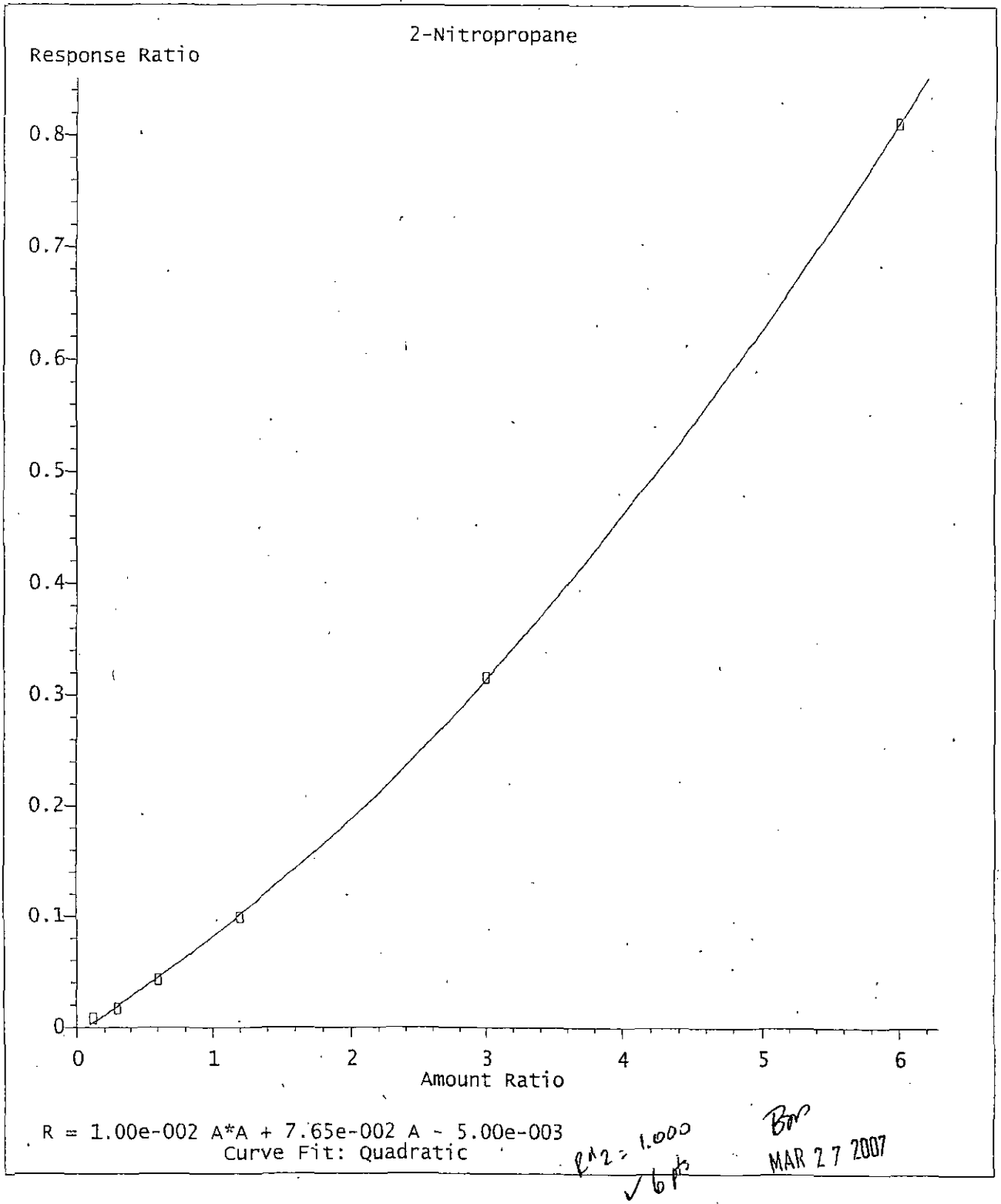
Calibration Table Last Updated: Tue Mar 27 13:31:08 2007



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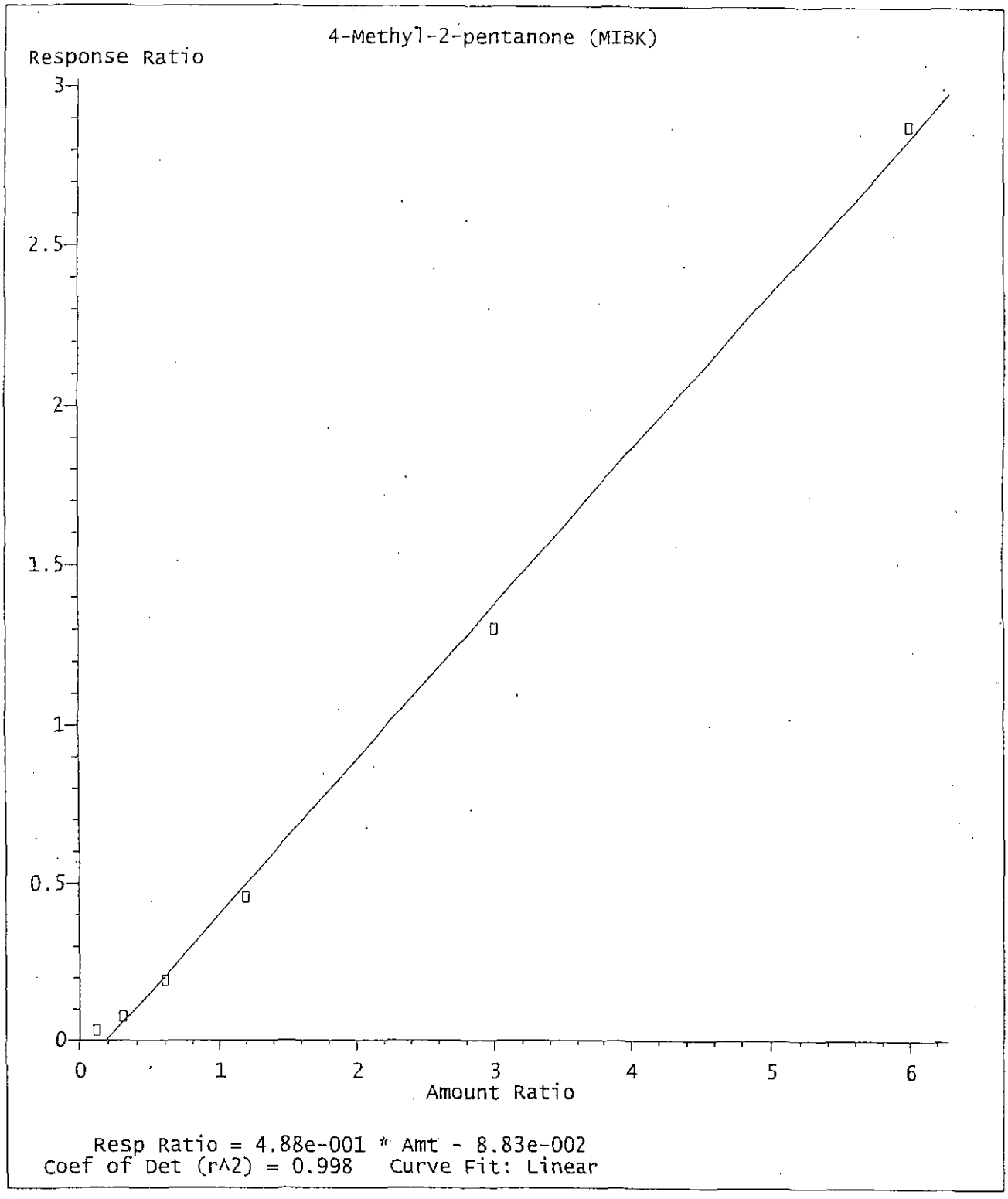
BP MAR 27 2007

Method Name: H:\MSI.I\METHODS\I70326W.M
Calibration Table Last Updated: Tue Mar 27 13:31:08 2007



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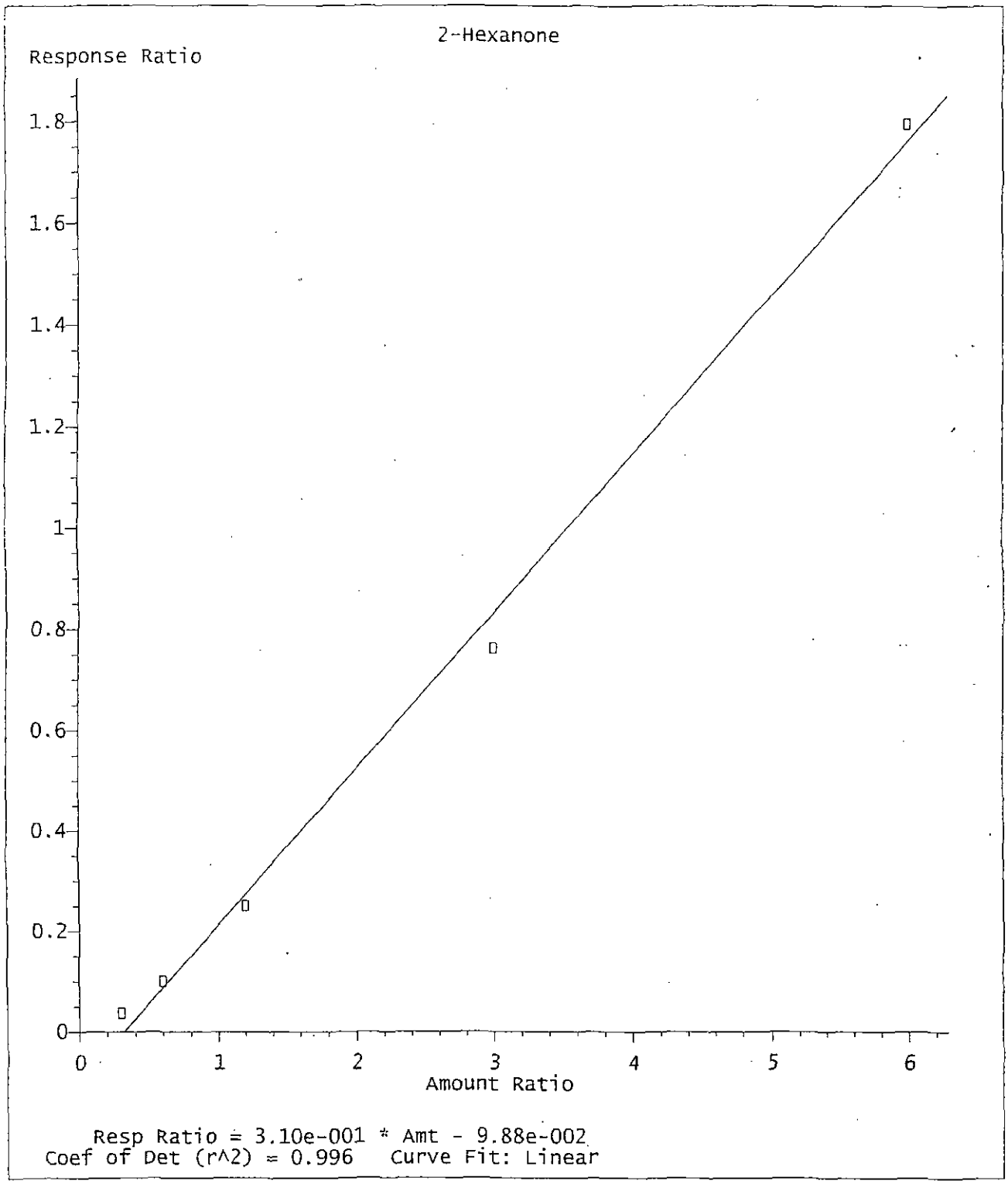
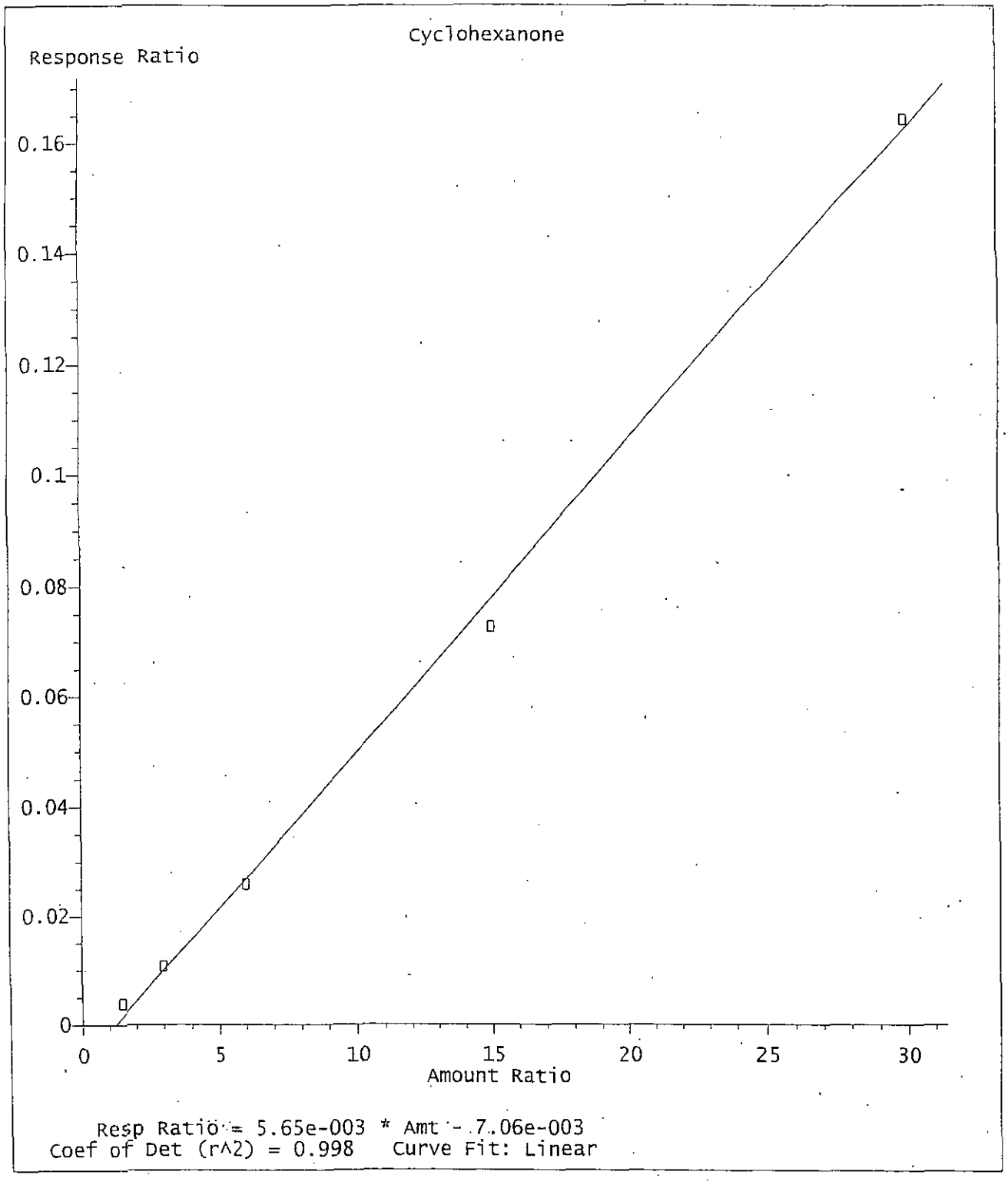
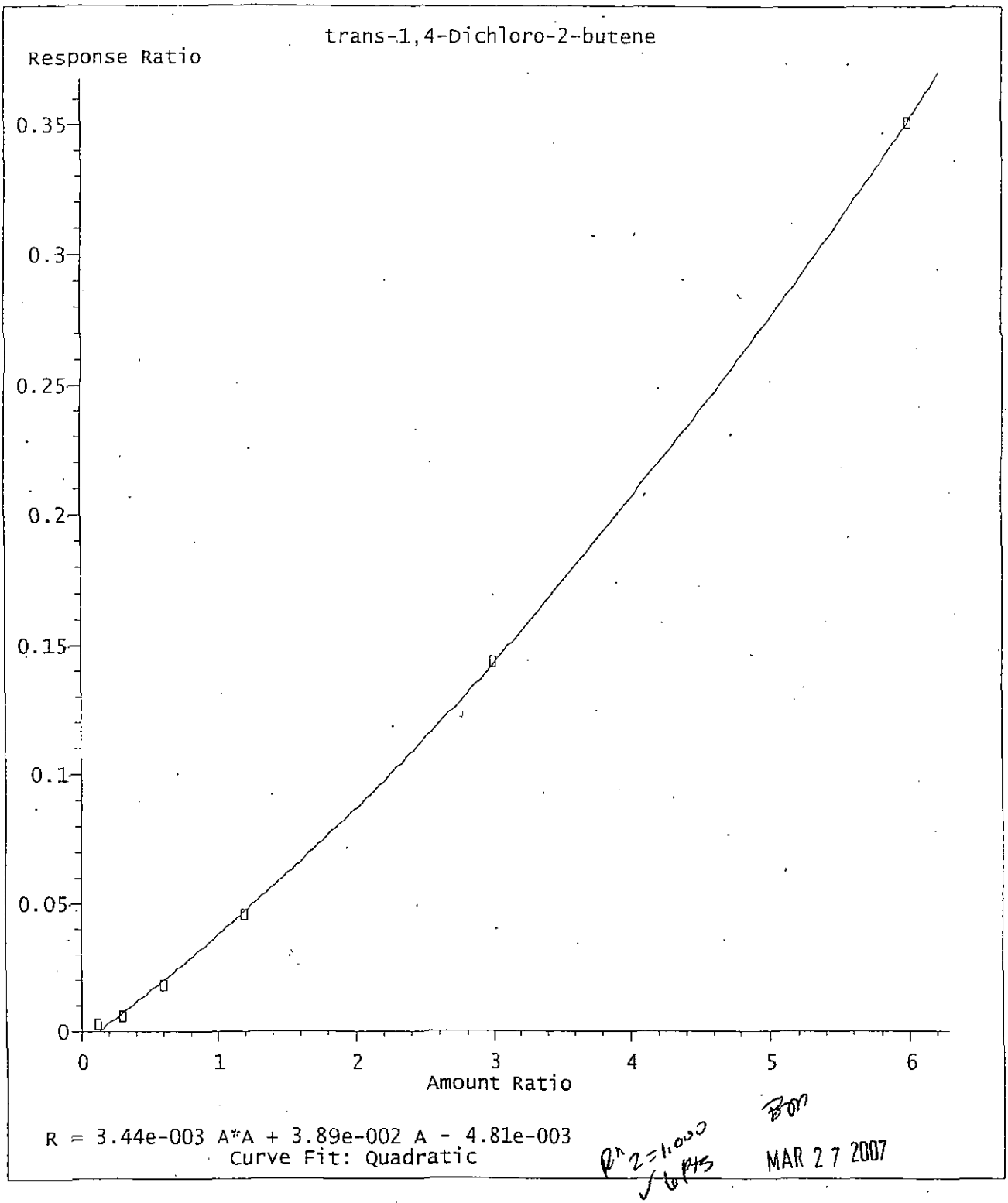
Calibration Table Last Updated: Tue Mar 27 13:31:08 2007



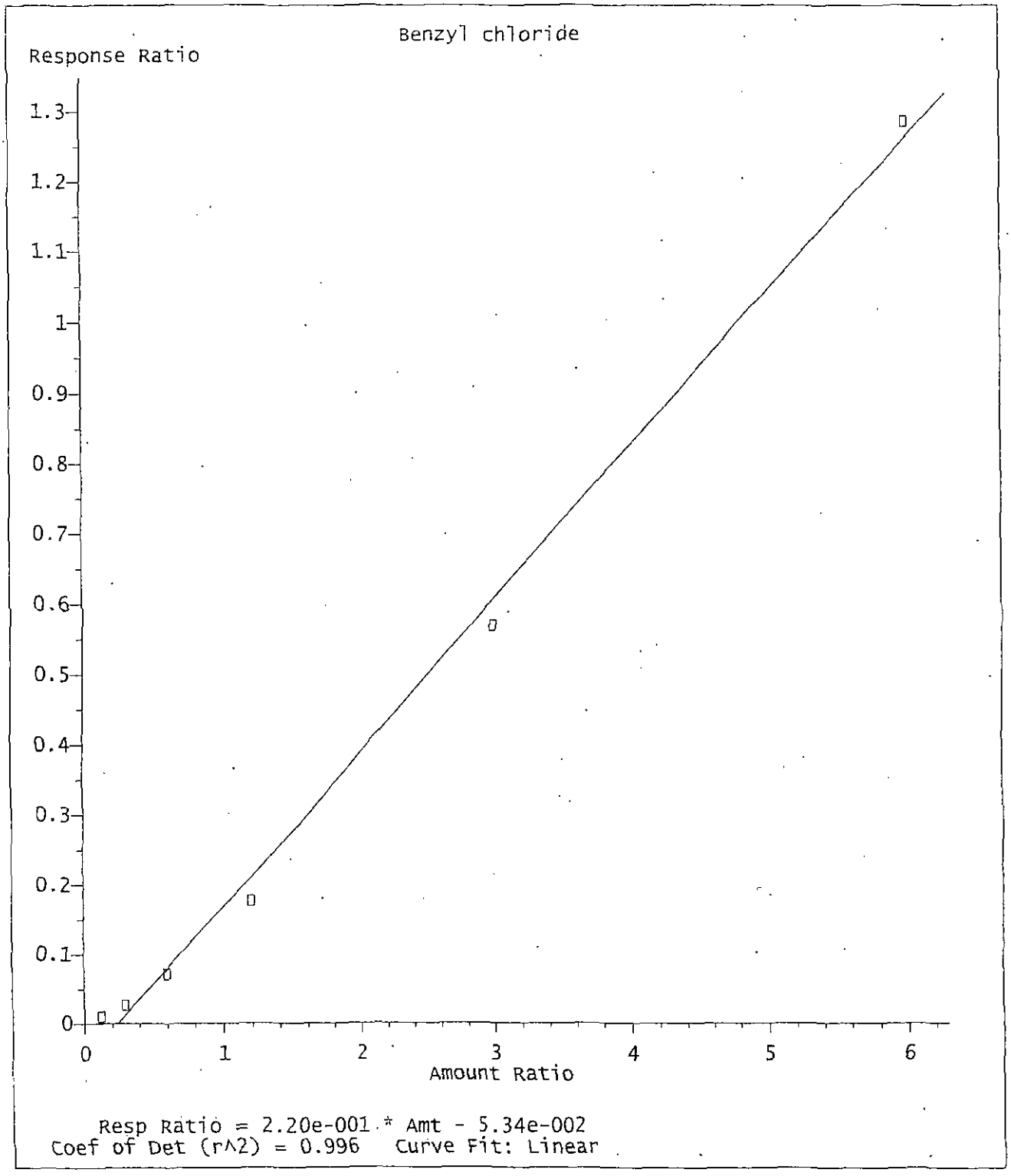
Method Name: H:\MSI.I\METHODS\I70326W.M
Calibration Table Last Updated: Tue Mar 27 13:31:08 2007



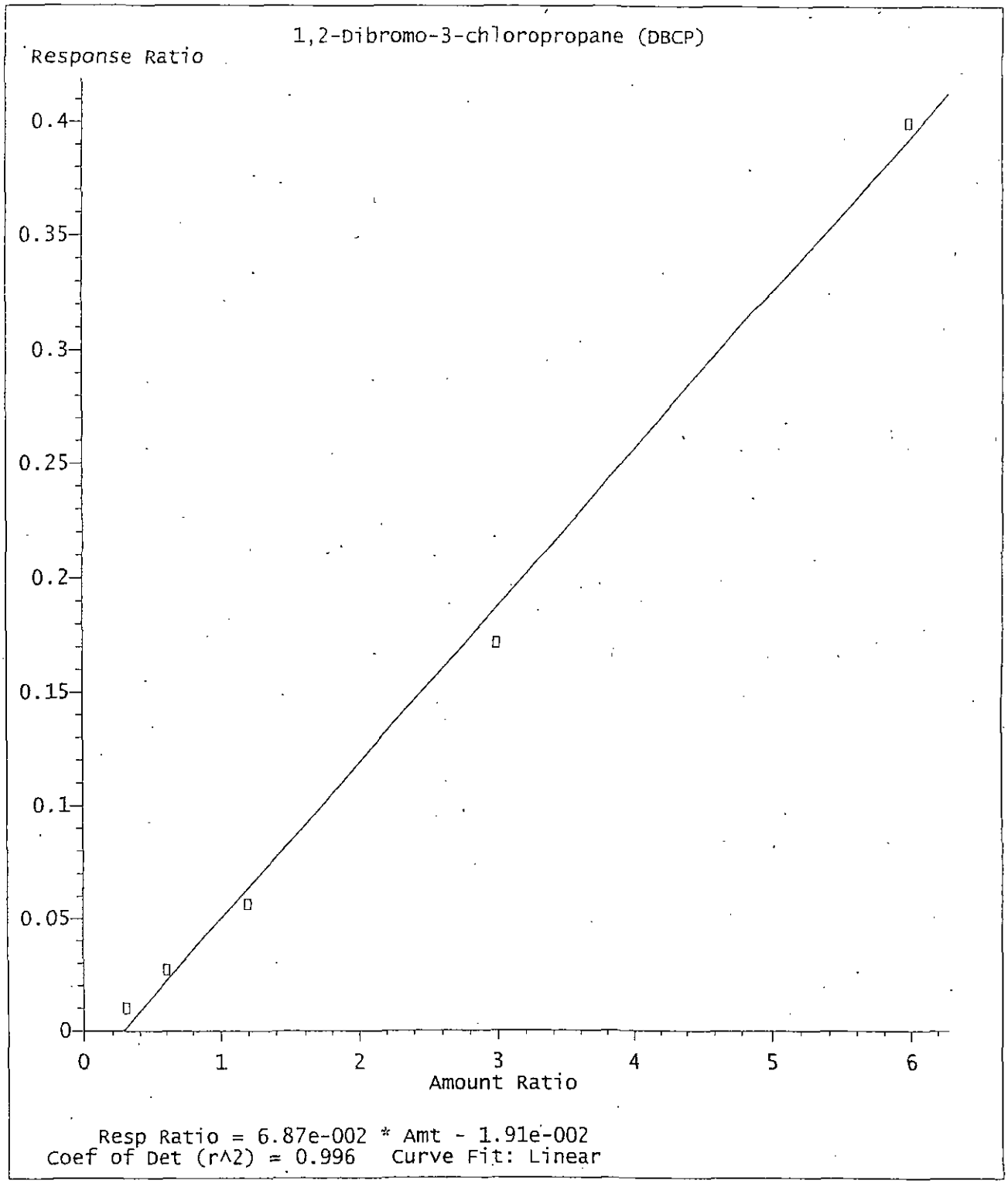
Method Name: H:\MSI.I\METHODS\I70326W.M
Calibration Table Last Updated: Tue Mar 27 13:31:08 2007



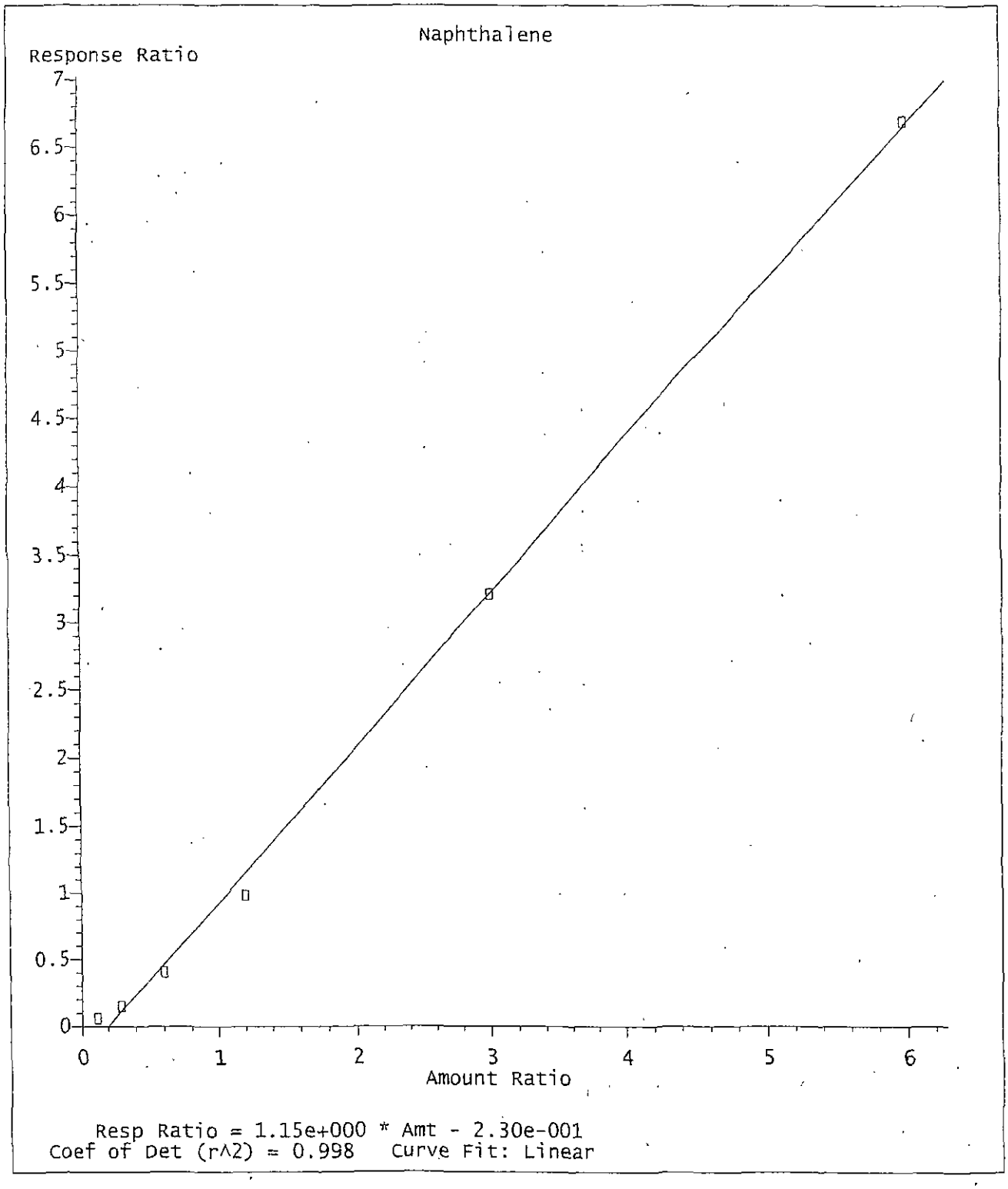
Method Name: H:\MSI.I\METHODS\I70326W.M
Calibration Table Last Updated: Tue Mar 27 13:31:08 2007



Method Name: H:\MSI.I\METHODS\I70326W.M
Calibration Table Last Updated: Tue Mar 27 13:31:08 2007



Method Name: H:\MSI.I\METHODS\I70326W.M
Calibration Table Last Updated: Tue Mar 27 13:31:08 2007



Method Name: H:\MSI.I\METHODS\I70326W.M
Calibration Table Last Updated: Tue Mar 27 13:31:08 2007

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Comment:
Operator: BJP
Data Path: C:\HPCHEM\1\DATA\I032607.B\
Pre-Seq Cmd:
Post-Seq Cmd:

Method Sections To Run
(X) Full Method
( ) Reprocessing Only

On A Barcode Mismatch
(X) Inject Anyway
( ) Don't Inject

Line	Type	Vial	DataFile	Method	Sample Name
1	Blank	~~1~~	~~I326701~~	~~I70326W~~	~~BLANK;BLANK~~
2	Blank	~~2~~	~~I326702~~	~~I70326W~~	~~BLANK;BLANK~~
3	Blank	3	I326703	I70326W	~~BLANK;BLANK~~
4	Blank	4	~~I326704~~	~~I70326W~~	~~BLANK;BLANK~~
5	Blank	5	I326705	I70326W	STD 1 PPB;ALL ANALYTES
6	Blank	6	I326706	I70326W	STD 2 PPB;ALL ANALYTES
7	Blank	7	I326707	I70326W	STD 5 PPB;ALL ANALYTES
8	Blank	8	I326708	I70326W	STD 10 PPB;ALL ANALYTES
9	Blank	9	I326709	I70326W	STD 20 PPB;ALL ANALYTES
10	Blank	10	I326710	I70326W	STD 50 PPB;ALL ANALYTES
11	Blank	11	I326711	I70326W	STD 100 PPB;ALL ANALYTES
12	Blank	~~12~~	~~I326712~~	~~I70326W~~	~~BLANK;BLANK~~
13	Blank	~~13~~	~~I326713~~	~~I70326W~~	~~BLANK;BLANK~~
14	Blank	~~14~~	~~I326714~~	~~I70326W~~	~~BLANK;BLANK~~
15	Blank	~~15~~	~~I326715~~	~~I70326W~~	~~BLANK;BLANK~~
16	Blank	~~16~~	~~I326716~~	~~I70326W~~	~~BLANK;BLANK~~
17	Blank	17	I326717	I70326W	ICV 50 PPB;COMPOSITE MIX,COMP
18	Blank	18	I326718	I70326W	ICV 50 PPB;SUPELCO MIX 5,MIX5
19	Blank	19	I326719	I70326W	ICV 50 PPB;ULTRA CUSTOM MIX,U
20	Blank	20	I326720	I70326W	ICV 50 PPB;REACTIVES MIX;RC
21	Blank	21	I326721	I70326W	ICV 50 PPB;SPECIAL ANALYTES MIX
22	Blank	22	I326722	I70326W	ICV 50 PPB;t-1,4-dichloro-2-butene Rerun
23					

not used warm up/stability check.

not used - clean up check.

BJP 3/27/07

STL AUSTIN

PAGE #: 14

INSTRUMENT GCMS-I1
SHIFT (Circle): 1 2 3
COMPUTER CLOCK DATE / TIME: 3/26/07 1712

ANALYST / DATE: Bom 3/26/07
METHOD / TEST: 8260B
SOP #: AUS-MS-0004, current revision

DAILY CHECK ✓	COLUMN CHANGED N	P&T MAINT. (Describe) N	
M. PUMP OIL N	TURBO OIL N	FILAMENT CHANGE N	OTHER N

DAILY CHECK includes sufficient carrier and detector gases, correct column flow/pressure, etc. Column and gases changed as needed. Source cleaned as needed. Mechanical pump oil and turbomolecular pump oil changed semiannually (usually on service contract). OTHER is for minor maintenance performed or for reference to Repair Log for major repairs.

MASS SPECTROMETER CONDITIONS:

Tune File: Atune.u
Elect Mult. 1153 volts
Tuning Performance: BFB
Sampling Rate 2^^ 4
Scan Range 35-300 amu
Interface: Open-Split

GC PROGRAM:

GC Meth. I70326W
Inj. Temp 150 C
Carrier Gas: Helium
Flow/Pressure 1.3
Initial Temp. 35 C
Init.Hold 2 min
Ramp 9 C/min
Final Temp. 85 C
Final Hold 0 min
2nd Ramp 30 C/min
2nd Temp 210 C
2nd Hold 4 min
3rd Ramp C/min
3rd Temp C
3rd Hold min

GC COLUMN:

Column ID#: MSVOAID 010 Capillary
Phases/Loadings: RTXVMS i.d. 0.25 mm Length 30 m
Injection Type (Circle & Describe): Purge & Trap Tekmar Velocity/Solatek
Split 120:1 Splitless

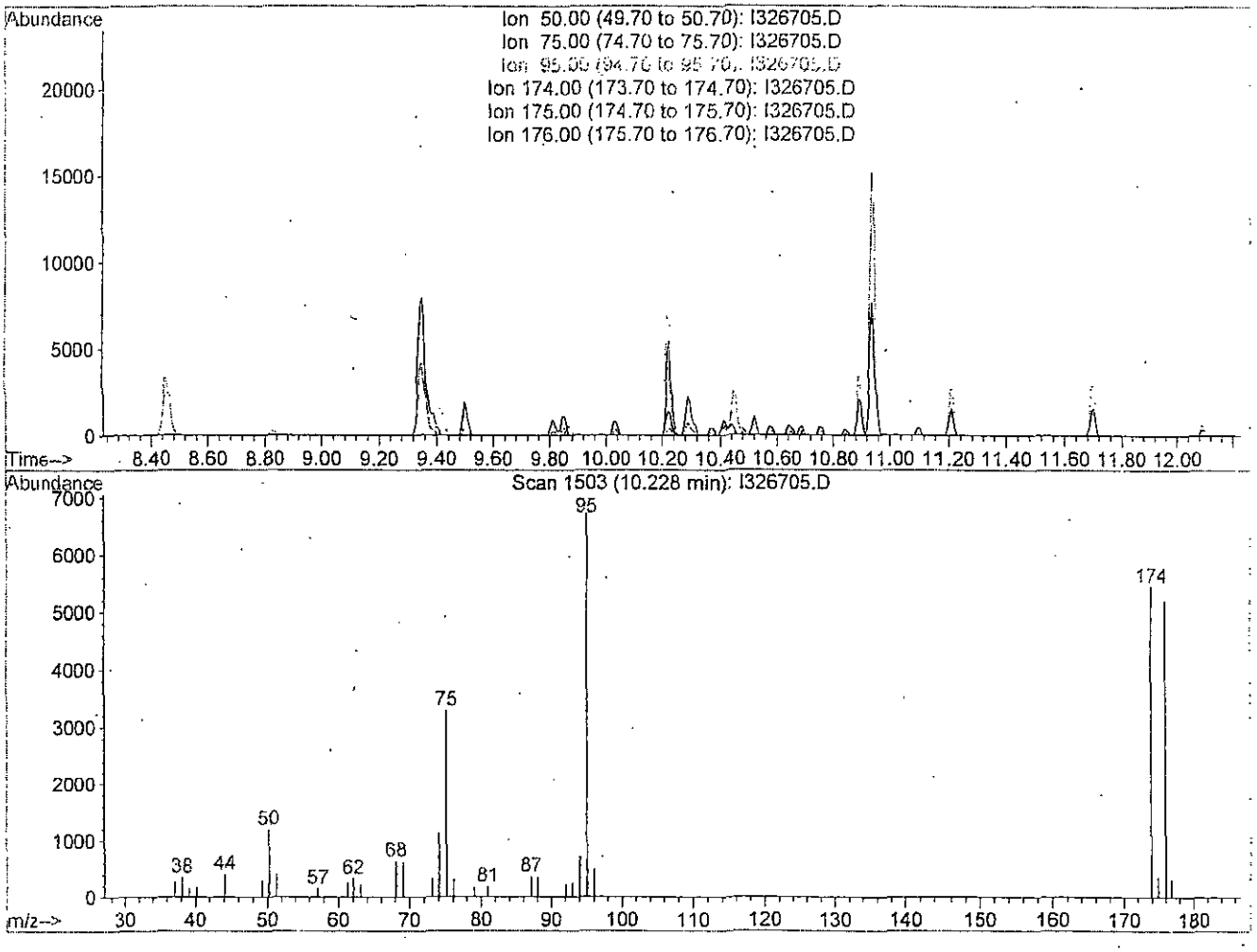
INSTRUMENT SEQUENCE:

Sample Name, Sample Number, Dilution, etc. Autosampler #

~~1~~	~~I326701~~	~~I70326W~~	~~BLANK;BLANK~~
~~2~~	~~I326702~~	~~I70326W~~	~~BLANK;BLANK~~ } not used warm up/stability check.
3	I326703	I70326W	BLANK;BLANK
~~4~~	~~I326704~~	~~I70326W~~	~~BLANK;BLANK~~
5	I326705	I70326W	STD 1 PPB;ALL ANALYTES 17:12 Bom 3/27/07
6	I326706	I70326W	STD 2 PPB;ALL ANALYTES
7	I326707	I70326W	STD 5 PPB;ALL ANALYTES
8	I326708	I70326W	STD 10 PPB;ALL ANALYTES
9	I326709	I70326W	STD 20 PPB;ALL ANALYTES
10	I326710	I70326W	STD 50 PPB;ALL ANALYTES
11	I326711	I70326W	STD 100 PPB;ALL ANALYTES
~~12~~	~~I326712~~	~~I70326W~~	~~BLANK;BLANK~~
~~13~~	~~I326713~~	~~I70326W~~	~~BLANK;BLANK~~
~~14~~	~~I326714~~	~~I70326W~~	~~BLANK;BLANK~~ } not used - clean up check. Bom 3/27/07
~~15~~	~~I326715~~	~~I70326W~~	~~BLANK;BLANK~~
~~16~~	~~I326716~~	~~I70326W~~	~~BLANK;BLANK~~
17	I326717	I70326W	ICV 50 PPB;COMPOSITE MIX,COMP
18	I326718	I70326W	ICV 50 PPB;SUPELCO MIX 5,MIX5
19	I326719	I70326W	ICV 50 PPB;ULTRA CUSTOM MIX,U
20	I326720	I70326W	ICV 50 PPB;REACTIVES MIX;RC
21	I326721	I70326W	ICV 50 PPB;SPECIAL ANALYTES Mix
22	I326722	I70326W	ICV 50 PPB;t-1,4-dichloro-2-butene Rerun

BFB

Data File : C:\HPCHEM\1\DATA\I032607.B\I326705.D Vial: 5
Acq On : 26 Mar 2007 5:12 pm Operator: BJP
Sample : STD 1 PPB;ALL ANALYTES Inst : MSI
Misc : 1,1, 07MSV0245,1uL/50mL Multiplr: 1.00
MS Integration Params: TAILA.P
Method : C:\HPCHEM\1\METHODS\I70326W.M (RTE Integrator)
Title : EPA Method 8260B/624 Calibration Curve 15mL Water



Spectrum Information: Scan 1503

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	17.7	1191	PASS
75	95	30	60	49.0	3290	PASS
95	95	100	100	100.0	6721	PASS
96	95	5	9	7.4	499	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	81.2	5460	PASS
175	174	5	9	6.6	362	PASS
176	174	95	101	95.2	5199	PASS
177	176	5	9	6.3	330	PASS

Injection Log

Directory: h:\msi.i\i032607.b

Line	Vial	FileName	Multiplier	SampleName	Misc Info	Injected
1	1	I326701.D	1.	BLANK;BLANK	1,1, 07MSV0203IS 07MSV0204SUR	26 Mar 07 11:2
2	2	I326702.D	1.	BLANK;BLANK	1,1, 07MSV0203IS 07MSV0204SUR	26 Mar 07 11:5
3	3	I326703.D	1.	BLANK;BLANK	1,1, 07MSV0203IS 07MSV0204SUR	26 Mar 07 12:1
4	4	I326704.D	1.	BLANK;BLANK	1,1, 07MSV0203IS 07MSV0204SUR	26 Mar 07 16:3
5	5	I326705.D	1.	STD 1 PPB;ALL ANALYTES	1,1, 07MSV0245,1uL/50mL	26 Mar 07 17:1
6	6	I326706.D	1.	STD 2 PPB;ALL ANALYTES	1,1, 07MSV0245,2uL/50mL	26 Mar 07 17:3
7	7	I326707.D	1.	STD 5 PPB;ALL ANALYTES	1,1, 07MSV0245,5uL/50mL	26 Mar 07 18:0
8	8	I326708.D	1.	STD 10 PPB;ALL ANALYTES	1,1, 07MSV0245,10uL/50mL	26 Mar 07 18:3
9	9	I326709.D	1.	STD 20 PPB;ALL ANALYTES	1,1, 07MSV0245,20uL/50mL	26 Mar 07 18:5
10	10	I326710.D	1.	STD 50 PPB;ALL ANALYTES	1,1, 07MSV0245,50uL/50mL	26 Mar 07 19:2
11	11	I326711.D	1.	STD 100 PPB;ALL ANALYTES	1,1, 07MSV0245,100uL/50mL	26 Mar 07 19:5
12	12	I326712.D	1.	BLANK;BLANK	1,1, 07MSV0203IS 07MSV0204SUR	26 Mar 07 20:1
13	13	I326713.D	1.	BLANK;BLANK	1,1, 07MSV0203IS 07MSV0204SUR	26 Mar 07 20:4
14	14	I326714.D	1.	BLANK;BLANK	1,1, 07MSV0203IS 07MSV0204SUR	26 Mar 07 21:0
15	15	I326715.D	1.	BLANK;BLANK	1,1, 07MSV0203IS 07MSV0204SUR	27 Mar 07 10:0
16	16	I326716.D	1.	BLANK;BLANK	1,1, 07MSV0203IS 07MSV0204SUR	27 Mar 07 10:2
17	17	I326717.D	1.	ICV 50 PPB;COMPOSITE MIX,COMP	1,1, 07MSV0231,12.5uL/50mL	27 Mar 07 11:4
18	18	I326718.D	1.	ICV 50 PPB;SUPELCO MIX 5,MIX5	1,1, 07MSV0232,12.5uL/50mL	27 Mar 07 12:1
19	19	I326719.D	1.	ICV 50 PPB;ULTRA CUSTOM MIX,ULTRA	1,1, 07MSV0233,12.5uL/50mL	27 Mar 07 12:4
20	20	I326720.D	1.	ICV 50 PPB;REACTIVES MIX,RC	1,1, 07MSV0234,12.5uL/50mL	27 Mar 07 13:1
21	21	I326721.D	1.	ICV 50 PPB;SPECIAL ANALYTES MIX,SPECIAL	1,1, 07MSV0235,12.5uL/50mL	27 Mar 07 13:4
22	22	I326722.D	1.	ICV 50 PPB;t-14-dichloro-2-butene,T14DC	1,1, 07MSV0232,12.5uL/50mL	27 Mar 07 14:2

Quantitation Report (QT Reviewed)

Data File : H:\MSI.I\I032607.B\I326705.D
Acq On : 26 Mar 2007 5:12 pm
Sample : STD 1 PPB;ALL ANALYTES
Misc : 1,1, 07MSV0245,1uL/50mL
MS Integration Params: TAILA.P
Quant Time: Mar 27 12:47 19107

Vial: 5
Operator: BJP
Inst : MSI
Multiplr: 1.00

Quant Results File: I70326W.RES

BJP

MAR 27 2007

Quant Method : H:\MSI.I\METHODS\I70326W.M (RTE Integrator)
Title : EPA Method 8260B/624 Calibration Curve 15mL Water
Last Update : Tue Mar 27 11:56:43 2007
Response via : Initial Calibration
DataAcq Meth : I70326W

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Fluorobenzene (IS)	6.17	96	522464	16.7000	PPB		-0.03
65) Chlorobenzene-d5 (IS)	9.35	119	95790	16.7000	PPB		-0.02
92) 1,4-Dichlorobenzene-d4 (IS	10.94	152	105461	16.7000	PPB		-0.02
System Monitoring Compounds							
42) Dibromofluoromethane (Surr	5.30	113	7358	1.0296	PPB		-0.03
Spiked Amount 16.700			Recovery =	6.17%			
50) 1,2-Dichloroethane-d4 (Sur	5.86	67	4370	1.1057	PPB		-0.04
Spiked Amount 16.700			Recovery =	6.65%			
64) Toluene-d8 (Surr)	7.98	98	28580	0.9336	PPB		0.00
Spiked Amount 16.700			Recovery =	5.57%			
91) 1,4-Bromofluorobenzene (Su	10.22	95	9641	1.0480	PPB		-0.02
Spiked Amount 16.700			Recovery =	6.29%			
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.48	85	14016	1.0373	PPB		99
3) Chloromethane (SPCC)	1.65	50	12868	1.0055	PPB		99
4) Vinyl chloride (CCC)	1.74	62	8941	1.0189	PPB		99
5) Bromomethane	2.06	94	2902	0.7033	PPB		95
6) Ethylene oxide	2.16	44	8834	19.1393	PPB		83
7) Chloroethane	2.19	64	8293	1.1150	PPB		95
8) Trichlorofluoromethane	2.34	101	15617	1.0814	PPB		91
9) Ethyl ether	2.67	59	4455	0.9114	PPB		95
11) 1,1-Dichloroethene (CCC)	2.85	96	8266	1.0403	PPB		98
12) Carbon disulfide	2.87	76	24190	1.0088	PPB		73
13) 1,1,2-Trichlorotrifluoroet	2.91	101	9562	1.0814	PPB		97
14) Propylene oxide	2.99	58	3146	4.3535	PPB	#	95
15) Iodomethane	2.98	142	7055	0.9394	PPB		98
16) Bromoethane	3.12	108	5828	1.0367	PPB		100
17) Acrolein	3.21	56	1205	3.7825	PPB		97
18) 3-Chloropropene	3.34	41	10200	0.9512	PPB		99
19) Methylene chloride	3.45	84	8374	1.0513	PPB	#	73
21) trans-1,2-Dichloroethene	3.61	96	9425	1.0334	PPB		99
22) Methyl acetate	3.65	74	1329	2.0375	PPB	#	100
23) Hexane	3.71	86	3461	0.9580	PPB		92
24) Methyl tert-butyl ether (M	3.74	73	11847	0.8717	PPB		86
25) tert-Butyl alcohol	3.86	59	2902	17.7041	PPB	#	96
26) Acetonitrile	3.99	40	1111	7.1644	PPB	#	100
27) Isopropyl ether	4.14	45	20260	0.8698	PPB		95
28) 2-Chloro-1,3-butadiene	4.23	88	5822	0.8511	PPB	#	54
29) 1,1-Dichloroethane (SPCC)	4.24	63	17244	1.0117	PPB		99
30) Acrylonitrile	4.31	53	4754	4.0745	PPB	#	54
31) Vinyl acetate	4.54	43	5001	0.6823	PPB	#	85
32) cis-1,2-Dichloroethene	4.81	96	9255	1.0238	PPB		84
33) 2,2-Dichloropropane	4.92	77	11296	0.9023	PPB	#	91
34) Cyclohexane	5.01	56	22630	0.8553	PPB		83
35) Bromochloromethane	5.01	130	3867	1.0475	PPB	#	80
36) 2-Methylhexane	5.02	43	17667	0.9372	PPB	#	85
37) Chloroform (CCC)	5.10	83	14993	1.0354	PPB	#	70
38) Carbon tetrachloride	5.23	117	9715	0.9695	PPB		98
39) 3-Methylhexane	5.22	57	7682	0.9469	PPB		92
40) Ethyl acetate	5.26	43	10243m	2.1317	PPB		
41) Tetrahydrofuran	5.26	42	1178m	0.3426	PPB		
43) 1,1,1-Trichloroethane	5.31	97	11998	0.9573	PPB		99
44) 1,1-Dichloropropene	5.44	75	12693	0.9584	PPB		98

(#)=qualifier out of range (m)=manual integration (S)=analyte in sublist

Quantitation Report (QT Reviewed)

Data File : H:\MSI.I\I032607.B\I326705.D
Acq On : 26 Mar 2007 5:12 pm
Sample : STD 1 PPB;ALL ANALYTES
Misc : 1,1, 07MSV0245,1uL/50mL
MS Integration Params: TAILA.P
Quant Time: Mar 27 12:47 19107

Vial: 5
Operator: BJP
Inst : MSI
Multiplr: 1.00
Quant Results File: I70326W.RES

Quant Method : H:\MSI.I\METHODS\I70326W.M (RTE Integrator)
Title : EPA Method 8260B/624 Calibration Curve 15mL Water
Last Update : Tue Mar 27 11:56:43 2007
Response via : Initial Calibration
DataAcq Meth : I70326W

Compound	R.T.	QIon	Response	Conc Unit		Qvalue
45) 2-Butanone (MEK)	5.45	43	1061	0.9283 PPB		97
46) Benzene	5.71	78	40983	1.0282 PPB		91
47) Heptane	5.69	57	6888	0.8828 PPB		95
49) Methacrylonitrile	5.77	67	5752	3.9024 PPB	#	77
51) 1,2-Dichloroethane	5.93	62	8511	1.0222 PPB		95
52) Isobutyl alcohol	6.01	43	756	136.5361 PPB	#	67
53) Methylcyclohexane	6.34	83	43705	2.5401 PPB		97
54) Trichloroethene	6.36	130	9345	1.0112 PPB		95
55) Dibromomethane	6.83	93	2999	1.0360 PPB		93
56) n-Butanol	6.82	56	546	118.7623 ug/L	#	75
57) 1,2-Dichloropropane (CCC)	6.96	63	8102	0.9651 PPB		92
58) Bromodichloromethane	7.04	83	8249	0.9296 PPB		99
60) Methyl methacrylate	7.25	69	1292	3.0060 PPB		85
61) 1-Bromo-2-chloroethane	7.59	63	7202	0.9151 PPB	#	90
62) cis-1,3-Dichloropropene	7.78	75	8287	0.7662 PPB		95
63) 2-Chloroethyl vinyl ether	7.75	63	898	0.5495 PPB	#	65
66) Toluene (CCC)	8.04	91	37555	0.9962 PPB		98
68) 2-Nitropropane	8.28	43	219	0.4396 PPB	#	100
69) Tetrachloroethene	8.41	164	7579	1.0057 PPB		98
70) 4-Methyl-2-pentanone (MIBK	8.44	43	1240	0.5772 PPB	#	68
71) trans-1,3-Dichloropropene	8.45	75	5808	0.7590 PPB		82
72) 1,1,2-Trichloroethane	8.59	97	4251	0.9838 PPB		88
74) Ethyl methacrylate	8.62	69	2089	3.0740 PPB		96
75) Dibromochloromethane	8.74	129	3366	0.8322 PPB		95
76) 1,3-Dichloropropane	8.83	76	8553	0.9765 PPB		97
77) 1,2-Dibromoethane (EDB)	8.93	107	3233	0.8920 PPB		97
79) Chlorobenzene (SPCC)	9.36	112	23103	1.0665 PPB		91
80) 1-Chlorohexane	9.35	55	10946	1.2414 PPB		82
81) Ethylbenzene (CCC)	9.39	106	12343	0.9807 PPB		70
82) 1,1,1,2-Tetrachloroethane	9.41	131	5892	0.9730 PPB	#	1
83) m&p-Xylene	9.50	106	29329	1.9301 PPB		97
84) o-Xylene	9.81	106	12139	0.8891 PPB		97
85) Bromoform (SPCC)	9.87	173	1298	0.7757 PPB		94
86) Styrene	9.85	104	12873	0.6734 PPB		92
87) Isopropylbenzene	10.03	105	31850	0.9044 PPB		97
88) Bromobenzene	10.29	156	5907	0.9279 PPB	#	89
89) n-Propylbenzene	10.31	120	8207	0.8742 PPB	#	74
90) 1,1,2,2-Tetrachloroethane	10.37	83	3528	0.9864 PPB		91
93) 2-Chlorotoluene	10.42	126	7540	1.0006 PPB		99
95) 1,2,3-Trichloropropane	10.45	110	1155	0.9893 PPB		89
96) trans-1,4-Dichloro-2-buten	10.48	89	150	2.6423 PPB	#	1
97) 3-Ethyltoluene	10.37	105	27239	0.8949 PPB	#	72
98) 4-Chlorotoluene	10.52	126	7065	0.9390 PPB	#	80
99) 1,3,5-Trimethylbenzene	10.44	105	24200	0.9094 PPB		71
100) 2-Ethyltoluene	10.58	105	28353	0.9342 PPB	#	38
101) tert-Butylbenzene	10.65	91	14564	0.9597 PPB		89
102) Pentachloroethane	10.66	167	2093	0.9173 PPB	#	1
103) 1,2,4-Trimethylbenzene	10.69	105	22817	0.9029 PPB		85
104) sec-Butylbenzene	10.76	105	32830	0.9512 PPB		98
105) p-Isopropyltoluene	10.84	119	23092	0.8507 PPB		97
106) 1,3-Dichlorobenzene	10.90	146	12546	1.0162 PPB		94
107) 1,4-Dichlorobenzene	10.95	146	13453	1.0901 PPB		93
108) Benzyl chloride	11.11	126	436	4.3754 PPB	#	1
109) n-Butylbenzene	11.10	134	5251	0.8346 PPB	#	68
110) 1,2-Dichlorobenzene	11.21	146	9653	1.0129 PPB		97

(#)=qualifier out of range (m)=manual integration (S)=analyte in sublist

Quantitation Report (QT Reviewed)

Data File : H:\MSI.I\I032607.B\I326705.D Vial: 5
Acq On : 26 Mar 2007 5:12 pm Operator: BJP
Sample : STD 1 PPB;ALL ANALYTES Inst : MSI
Misc : 1,1, 07MSV0245,1uL/50mL Multiplr: 1.00
MS Integration Params: TAILA.P
Quant Time: Mar 27 12:47 19107 Quant Results File: I70326W.RES

Quant Method : H:\MSI.I\METHODS\I70326W.M (RTE Integrator)
Title : EPA Method 8260B/624 Calibration Curve 15mL Water
Last Update : Tue Mar 27 11:56:43 2007
Response Via : Initial Calibration
DataAcq Meth : I70326W

Compound	R.T.	QIon	Response	Conc Unit		Qvalue
111) 1,3,5-Trichlorobenzene	11.70	180	16880	2.3799 PPB		99
112) 1,2-Dibromo-3-chloropropan	11.69	157	171	5.0464 PPB	#	1
113) Hexachlorobutadiene	12.06	225	3020	1.0197 PPB		99
114) 1,2,4-Trichlorobenzene	12.09	180	3791	0.8888 PPB		99
115) Naphthalene	12.31	128	3008	3.7531 PPB		92
116) 1,2,3-Trichlorobenzene	12.44	180	2333	0.8311 PPB		96

(#)=qualifier out of range (m)=manual integration (S)=analyte in sublist

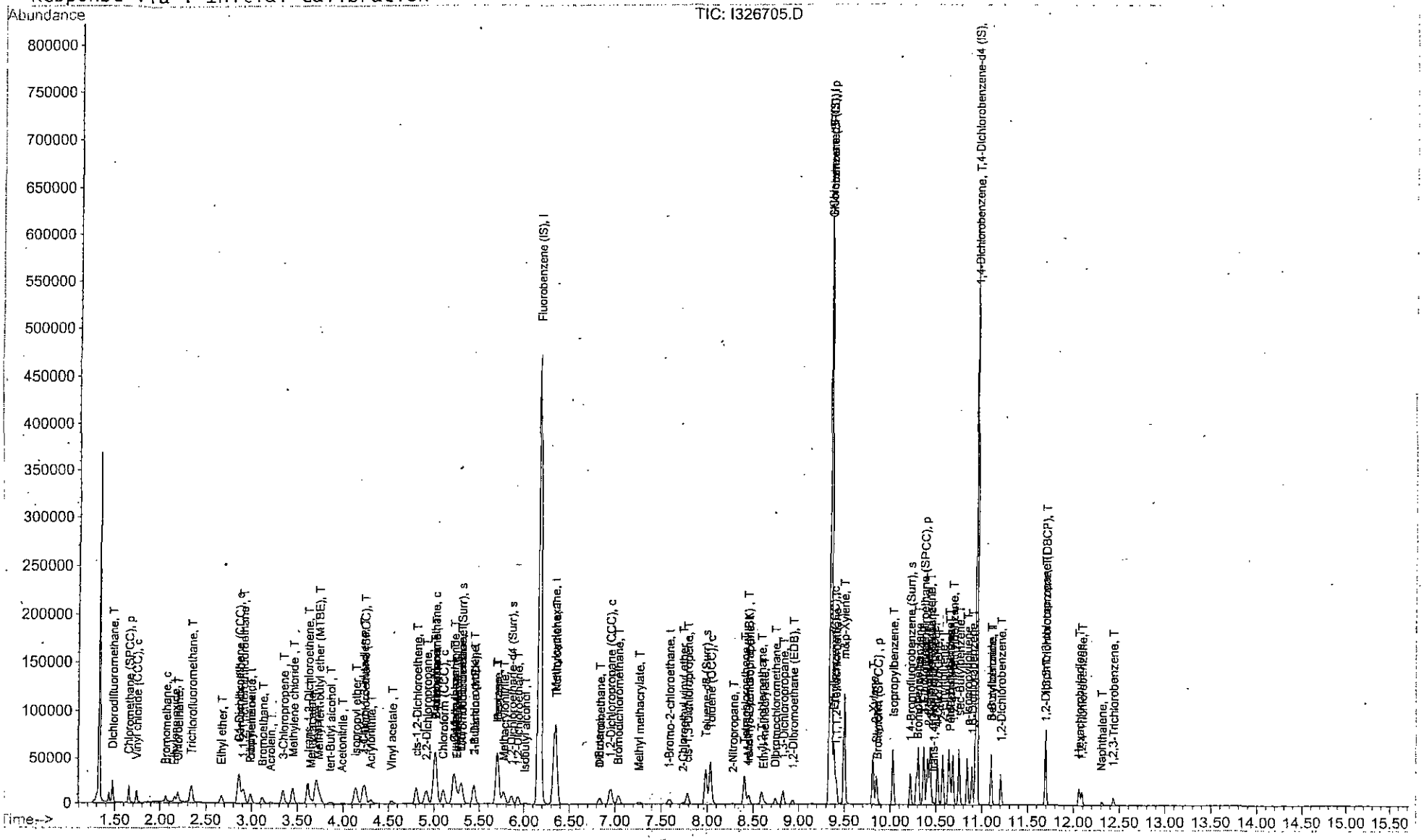
Quantitation Report

Data File : H:\MSI.I\I032607.B\I326705.D
Acq On : 26 Mar 2007 5:12 pm
Sample : STD 1 PPB;ALL ANALYTES
Misc : 1,1, 07MSV0245,1uL/50mL
MS Integration Params: TAILA.P
Quant Time: Mar 27 12:47 19107

Vial: 5
Operator: BJP
Inst : MSI
Multiplr: 1.00

Quant Results File: I70326W.RES

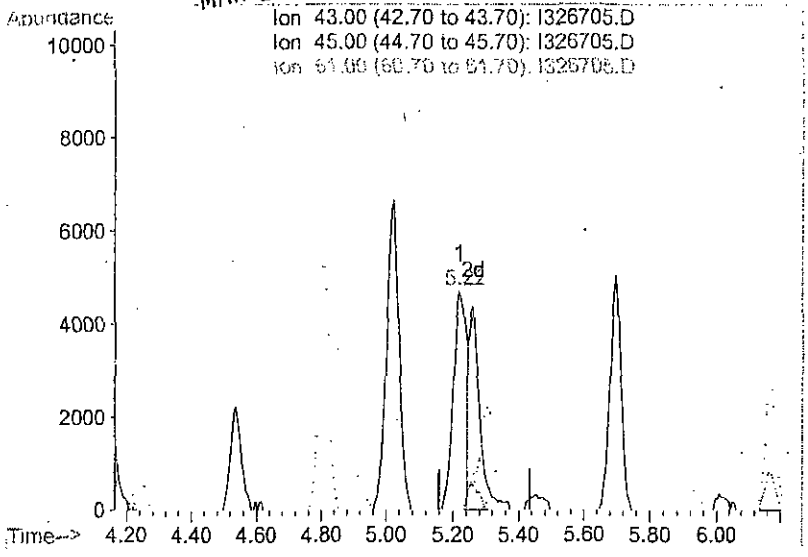
Method : H:\MSI.I\METHODS\I70326W.M (RTE Integrator)
Title : EPA Method 8260B/624 Calibration Curve 15mL Water
Last Update : Tue Mar 27 13:23:23 2007
Response via : Initial Calibration



Ethyl acetate I326705.D
REASON FOR MANUAL INTEGRATION:
TAILING WRONG PEAK TWO PEAKS POOR INTEGRATION MISSED OTHER
ANALYST: BJP Tue Mar 27 11:59:50 2007

MAR 27 2007

BEFORE



TIC: I326705.D

(40) Ethyl acetate (T)

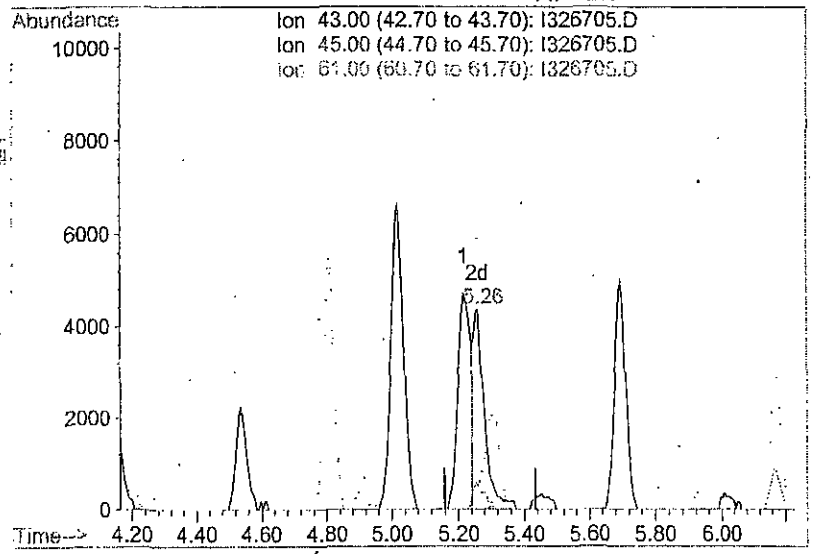
5.22min 2.62PPB

response 12589

Ion	Exp%	Act%
43.00	100	100
45.00	7.50	0.00
61.00	29.70	0.0(
0.00	0.00	0.00

DW 3-27-07

AFTER



TIC: I326705.D

(40) Ethyl acetate (T)

5.26min 2.13PPB m

response 10243

Ion	Exp%	Act%
43.00	100	100
45.00	7.50	0.00
61.00	29.70	0.0(
0.00	0.00	0.00

Tetrahydrofuran I326705.D

REASON FOR MANUAL INTEGRATION:

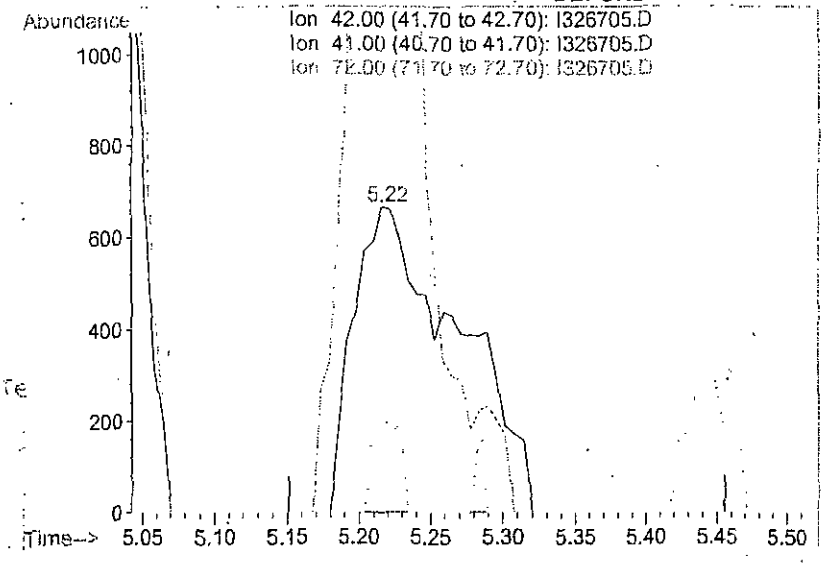
TAILING WRONG PEAK TWO PEAKS POOR INTEGRATION MISSED OTHER

ANALYST: BJP Tue Mar 27 13:02:04 2007

Poor

MAR 2 7 2007

BEFORE



TIC: I326705.D

(41) Tetrahydrofuran (T

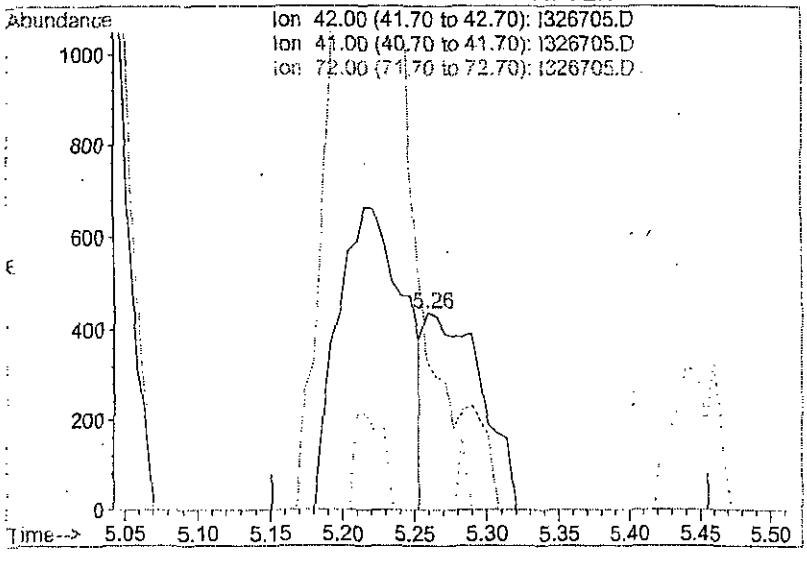
5.22min 0.97PPB

response 3335

Ion	Exp%	Act%
42.00	100	100
41.00	218.80	240.
72.00	30.60	8.7
0.00	0.00	0.00

DW 3-27-07

AFTER



TIC: I326705.D

(41) Tetrahydrofuran (T

5.26min 0.34PPB m

response 1178

Ion	Exp%	Act%
42.00	100	100
41.00	218.80	681.
72.00	30.60	24.7
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data File : H:\MSI.I\I032607.B\I326706.D
Acq On : 26 Mar 2007 5:39 pm
Sample : STD 2 PPB;ALL ANALYTES
Misc : 1,1, 07MSV0245,2uL/50mL
MS Integration Params: TAILA.P
Quant Time: Mar 27 12:48 19107

Vial: 6
Operator: BJP
Inst : MSI
Multiplr: 1.00

Quant Results File: I70326W.RES

BJP

MAR 27 2007

Quant Method : H:\MSI.I\METHODS\I70326W.M (RTE Integrator)
Title : EPA Method 8260B/624 Calibration Curve 15mL Water
Last Update : Tue Mar 27 11:56:43 2007
Response via : Initial Calibration
DataAcq Meth : I70326W

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
1) Fluorobenzene (IS)	6.17	96	533017	16.7000 PPB		-0.03
65) Chlorobenzene-d5 (IS)	9.35	119	98473	16.7000 PPB		-0.02
92) 1,4-Dichlorobenzene-d4 (IS	10.94	152	111791	16.7000 PPB		-0.02
System Monitoring Compounds						
42) Dibromofluoromethane (Surr	5.30	113	14732	2.0206 PPB		-0.03
Spiked Amount 16.700			Recovery = 12.10%			
50) 1,2-Dichloroethane-d4 (Sur	5.86	67	8886	2.2039 PPB		-0.04
Spiked Amount 16.700			Recovery = 13.17%			
64) Toluene-d8 (Surr)	7.98	98	60907	1.9501 PPB		0.00
Spiked Amount 16.700			Recovery = 11.68%			
91) 1,4-Bromofluorobenzene (Su	10.22	95	18395	1.9451 PPB		-0.02
Spiked Amount 16.700			Recovery = 11.68%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.48	85	29032	2.1061 PPB		100
3) Chloromethane (SPCC)	1.65	50	26830	2.0550 PPB		99
4) Vinyl chloride (CCC)	1.74	62	18046	2.0158 PPB		100
5) Bromomethane	2.06	94	6648	1.5792 PPB		98
6) Ethylene oxide	2.16	44	14457	30.7017 PPB		93
7) Chloroethane	2.19	64	16837	2.2190 PPB		97
8) Trichlorofluoromethane	2.34	101	31741	2.1544 PPB		91
9) Ethyl ether	2.67	59	10199	2.0453 PPB		99
11) 1,1-Dichloroethene (CCC)	2.85	96	16364	2.0187 PPB		98
12) Carbon disulfide	2.87	76	46514	1.9015 PPB		96
13) 1,1,2-Trichlorotrifluoroet	2.91	101	18973	2.1033 PPB		98
14) Propylene oxide	2.98	58	7010	9.5086 PPB	#	94
15) Iodomethane	2.98	142	14876	1.9415 PPB		99
16) Bromoethane	3.12	108	11857	2.0673 PPB		100
17) Acrolein	3.20	56	2682	8.2520 PPB		96
18) 3-Chloropropene	3.34	41	21341	1.9508 PPB		98
19) Methylene chloride	3.45	84	17155	2.1110 PPB	#	76
20) Acetone	3.51	43	1327	1.9957 PPB		67
21) trans-1,2-Dichloroethene	3.61	96	19536	2.0996 PPB		99
22) Methyl acetate	3.65	74	3466	5.2086 PPB	#	100
23) Hexane	3.71	86	7081	1.9213 PPB	#	90
24) Methyl tert-butyl ether (M	3.74	73	27010	1.9480 PPB		85
25) tert-Butyl alcohol	3.86	59	6480	38.7497 PPB	#	91
26) Acetonitrile	3.99	40	2443	15.4420 PPB	#	100
27) Isopropyl ether	4.14	45	45117	1.8986 PPB		94
28) 2-Chloro-1,3-butadiene	4.23	88	12509	1.7925 PPB		89
29) 1,1-Dichloroethane (SPCC)	4.24	63	36095	2.0758 PPB		100
30) Acrylonitrile	4.30	53	11191	9.4015 PPB	#	55
31) Vinyl acetate	4.53	43	12203	1.6319 PPB	#	88
32) cis-1,2-Dichloroethene	4.80	96	19078	2.0686 PPB		86
33) 2,2-Dichloropropane	4.91	77	23745	1.8591 PPB	#	90
34) Cyclohexane	5.01	56	46851	1.7356 PPB		81
35) Bromochloromethane	5.01	130	7931	2.1058 PPB	#	84
36) 2-Methylhexane	5.02	43	39638	2.0611 PPB	#	79
37) Chloroform (CCC)	5.11	83	30843	2.0879 PPB	#	70
38) Carbon tetrachloride	5.23	117	19775	1.9343 PPB		99
39) 3-Methylhexane	5.22	57	16818	2.0319 PPB		92
40) Ethyl acetate	5.25	43	25813m	5.2656 PPB		
41) Tetrahydrofuran	5.27	42	2789m	0.7952 PPB		
43) 1,1,1-Trichloroethane	5.31	97	25436	1.9894 PPB		99

(#)=qualifier out of range (m)=manual integration (S)=analyte in sublist

Quantitation Report (QT Reviewed)

Data File : H:\MSI.I\I032607.B\I326706.D
Acq On : 26 Mar 2007 5:39 pm
Sample : STD 2 PPB;ALL ANALYTES
Misc : 1,1,'07MSV0245,2uL/50mL
MS Integration Params: TAILA.P
Quant Time: Mar 27 12:48 19107

Vial: 6
Operator: BJP
Inst : MSI
Multiplr: 1.00

Quant Results File: I70326W.RES

Quant Method : H:\MSI.I\METHODS\I70326W.M (RTE Integrator)
Title : EPA Method 8260B/624 Calibration Curve 15mL Water
Last Update : Tue Mar 27 11:56:43 2007
Response via : Initial Calibration
DataAcq Meth : I70326W

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
44)	1,1-Dichloropropene	5.44	75	26406	1.9543	PPB		97
45)	2-Butanone (MEK)	5.45	43	2596	2.2262	PPB		85
46)	Benzene	5.71	78	85328	2.0983	PPB		98
47)	Heptane	5.69	57	15386	1.9329	PPB		96
48)	Propionitrile	5.76	54	3396	12.6033	PPB	#	11
49)	Methacrylonitrile	5.78	67	13932	9.2649	PPB	#	87
51)	1,2-Dichloroethane	5.93	62	17811	2.0968	PPB		98
52)	Isobutyl alcohol	6.01	43	2364	153.0943	PPB	#	73
53)	Methylcyclohexane	6.34	83	90031	5.1290	PPB		97
54)	Trichloroethene	6.36	130	19409	2.0587	PPB		98
55)	Dibromomethane	6.83	93	5984	2.0262	PPB		98
56)	n-Butanol	6.80	56	1953	155.5714	ug/L	#	96
57)	1,2-Dichloropropane (CCC)	6.95	63	16994	1.9843	PPB		87
58)	Bromodichloromethane	7.04	83	17050	1.8833	PPB		99
60)	Methyl methacrylate	7.26	69	2922	3.5160	PPB		81
61)	1-Bromo-2-chloroethane	7.59	63	15824	1.9708	PPB		93
62)	cis-1,3-Dichloropropene	7.79	75	19016	1.7235	PPB		97
63)	2-Chloroethyl vinyl ether	7.74	63	2153	1.2915	PPB		92
66)	Toluene (CCC)	8.04	91	79023	2.0391	PPB		98
67)	Epichlorohydrin	8.06	57	1884	7.7046	PPB	#	57
68)	2-Nitropropane	8.28	43	824	1.6089	PPB	#	100
69)	Tetrachloroethene	8.40	164	15751	2.0331	PPB		99
70)	4-Methyl-2-pentanone (MIBK	8.43	43	3155	1.4285	PPB	#	73
71)	trans-1,3-Dichloropropene	8.45	75	13434	1.7078	PPB		83
72)	1,1,2-Trichloroethane	8.59	97	8956	2.0162	PPB		92
73)	4-Methyl-2-pentanol (MIBC)	8.54	45	1436	5.8097	PPB	#	100
74)	Ethyl methacrylate	8.62	69	5062	3.5247	PPB		92
75)	Dibromochloromethane	8.74	129	7540	1.8134	PPB		99
76)	1,3-Dichloropropane	8.83	76	18609	2.0668	PPB		99
77)	1,2-Dibromoethane (EDB)	8.93	107	7139	1.9160	PPB		98
78)	2-Hexanone	9.15	43	1414	6.0846	PPB		80
79)	Chlorobenzene (SPCC)	9.36	112	47107	2.1154	PPB		94
80)	1-Chlorohexane	9.35	55	20135	2.2213	PPB		88
81)	Ethylbenzene (CCC)	9.39	106	25915	2.0030	PPB		80
82)	1,1,1,2-Tetrachloroethane	9.41	131	12341	1.9825	PPB	#	1
83)	m&p-Xylene	9.50	106	64224	4.1113	PPB		97
84)	o-Xylene	9.81	106	26731	1.9044	PPB		96
85)	Bromoform (SPCC)	9.86	173	2907	1.6900	PPB		98
86)	Styrene	9.85	104	32232m	1.6403	PPB		
87)	Isopropylbenzene	10.03	105	70952	1.9599	PPB		99
88)	Bromobenzene	10.29	156	13148	2.0091	PPB		92
89)	n-Propylbenzene	10.31	120	18838	1.9519	PPB	#	79
90)	1,1,2,2-Tetrachloroethane	10.36	83	7553	2.0542	PPB		92
93)	2-Chlorotoluene	10.41	126	15920	1.9931	PPB		93
95)	1,2,3-Trichloropropane	10.45	110	2557	2.0662	PPB		95
96)	trans-1,4-Dichloro-2-buten	10.48	89	328	3.2721	PPB	#	1
97)	3-Ethyltoluene	10.37	105	62332	1.9318	PPB	#	72
98)	4-Chlorotoluene	10.52	126	15925	1.9966	PPB		88
99)	1,3,5-Trimethylbenzene	10.44	105	54702	1.9391	PPB		68
100)	2-Ethyltoluene	10.57	105	62871	1.9542	PPB	#	38
101)	tert-Butylbenzene	10.64	91	32373	2.0124	PPB		93
102)	Pentachloroethane	10.66	167	4335	1.7924	PPB	#	1
103)	1,2,4-Trimethylbenzene	10.69	105	51539	1.9240	PPB		78
104)	sec-Butylbenzene	10.76	105	73116	1.9985	PPB		99
105)	p-Isopropyltoluene	10.84	119	54736	1.9022	PPB		96

(#)=qualifier out of range (m)=manual integration (S)=analyte in sublist

Quantitation Report (QT Reviewed)

Data File : H:\MSI.I\I032607.B\I326706.D Vial: 6
Acq On : 26 Mar 2007 5:39 pm Operator: BJP
Sample : STD 2 PPB;ALL ANALYTES Inst : MSI
Misc : 1,1, 07MSV0245,2uL/50mL Multiplr: 1.00
MS Integration Params: TAILA.P
Quant Time: Mar 27 12:48 19107 Quant Results File: I70326W.RES

Quant Method : H:\MSI.I\METHODS\I70326W.M (RTE Integrator)
Title : EPA Method 8260B/624 Calibration Curve 15mL Water
Last Update : Tue Mar 27 11:56:43 2007
Response via : Initial Calibration
DataAcq Meth : I70326W

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
106)	1,3-Dichlorobenzene	10.90	146	27477	2.0995	PPB		95
107)	1,4-Dichlorobenzene	10.95	146	27285	2.0857	PPB		98
108)	Benzyl chloride	11.10	126	1115	4.8195	PPB	#	1
109)	n-Butylbenzene	11.10	134	11981	1.7964	PPB	#	63
110)	1,2-Dichlorobenzene	11.21	146	20498	2.0290	PPB		99
111)	1,3,5-Trichlorobenzene	11.70	180	37211	4.9493	PPB		99
112)	1,2-Dibromo-3-chloropropan	11.69	157	484	5.7048	PPB	#	1
113)	Hexachlorobutadiene	12.06	225	6464	2.0590	PPB		98
114)	1,2,4-Trichlorobenzene	12.09	180	8608	1.9039	PPB		99
115)	Naphthalene	12.31	128	6915	4.2371	PPB		97
116)	1,2,3-Trichlorobenzene	12.44	180	5628	1.8913	PPB		98

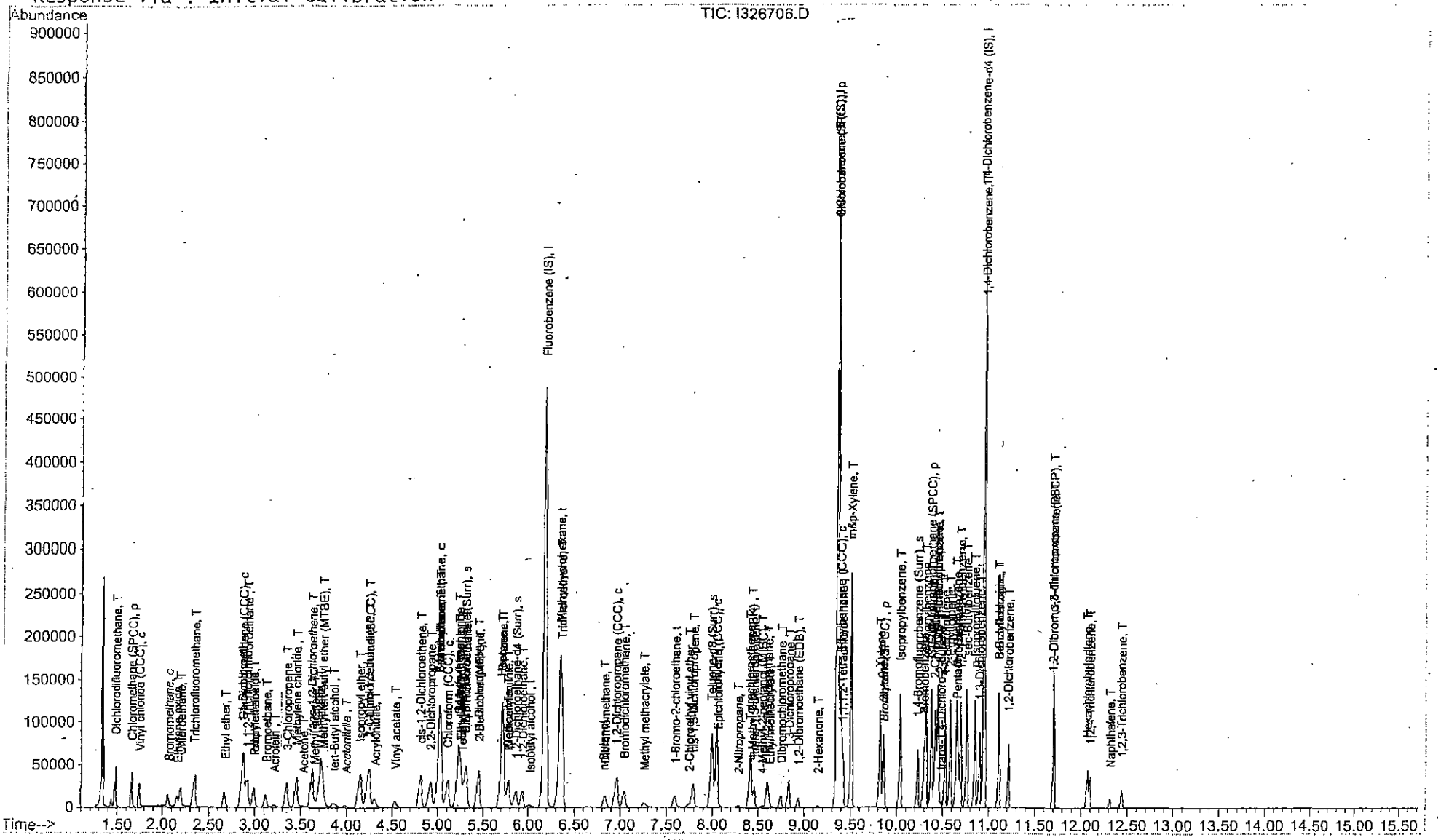
(#)=qualifier out of range (m)=manual integration (S)=analyte in sublist

Data File : H:\MSI.I\I032607.B\I326706.D
Acq On : 26 Mar 2007 5:39 pm
Sample : STD 2 PPB;ALL ANALYTES
Misc : 1,1, 07MSV0245,2uL/50mL
MS Integration Params: TAILA.P
Quant Time: Mar 27 12:48 19107

Vial: 6
Operator: BJP
Inst : MSI
Multiplr: 1.00

Quant Results File: I70326W.RES

Method : H:\MSI.I\METHODS\I70326W.M (RTE Integrator)
Title : EPA Method 8260B/624 Calibration Curve 15mL Water
Last Update : Tue Mar 27 13:23:23 2007
Response via : Initial Calibration



Ethyl acetate I326706.D

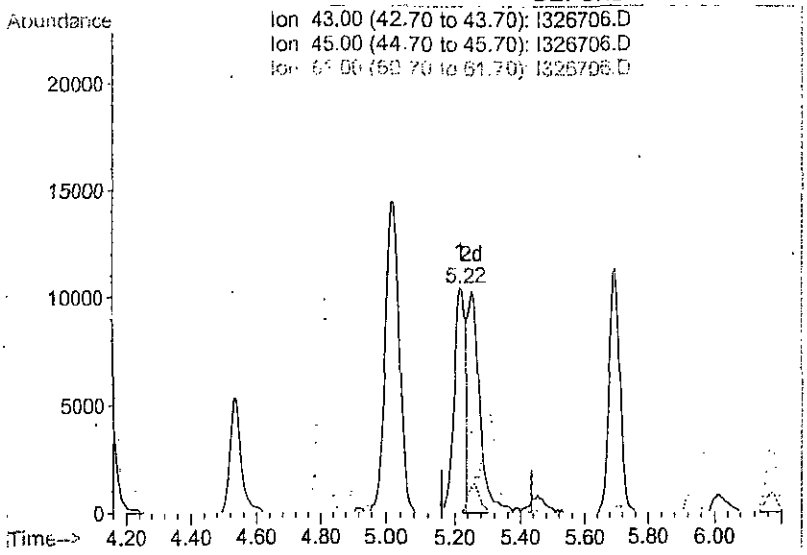
REASON FOR MANUAL INTEGRATION:

TAILING WRONG PEAK TWO PEAKS POOR INTEGRATION MISSED OTHER

ANALYST: BJP Tue Mar 27 12:00:27 2007

MAR 27 2007

BEFORE



TIC: I326706.D

(40) Ethyl acetate (T)

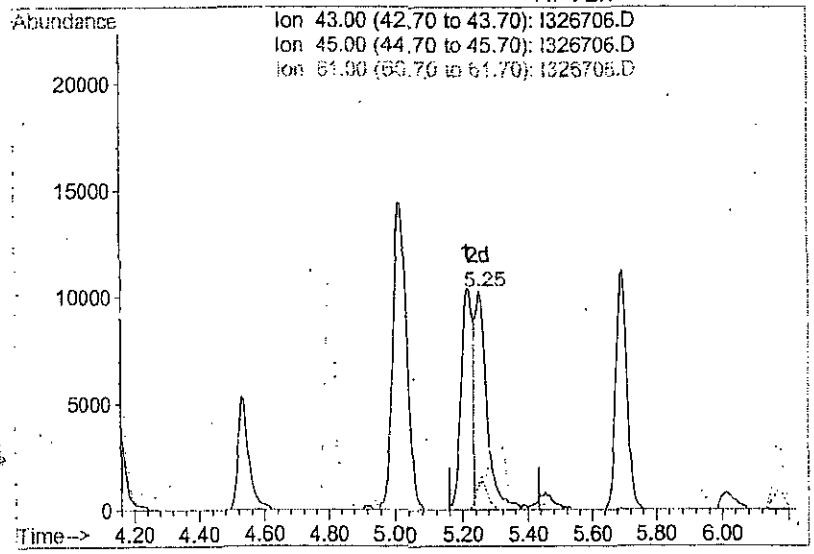
5.22min 5.27PPB

response 25856

Ion	Exp%	Act%
43.00	100	100
45.00	7.50	0.00
61.00	29.70	0.0(
0.00	0.00	0.00

DW 3-27-07

AFTER



TIC: I326706.D

(40) Ethyl acetate (T)

5.25min 5.27PPB m

response 25813

Ion	Exp%	Act%
43.00	100	100
45.00	7.50	0.00
61.00	29.70	0.0(
0.00	0.00	0.00

Tetrahydrofuran I326706.D

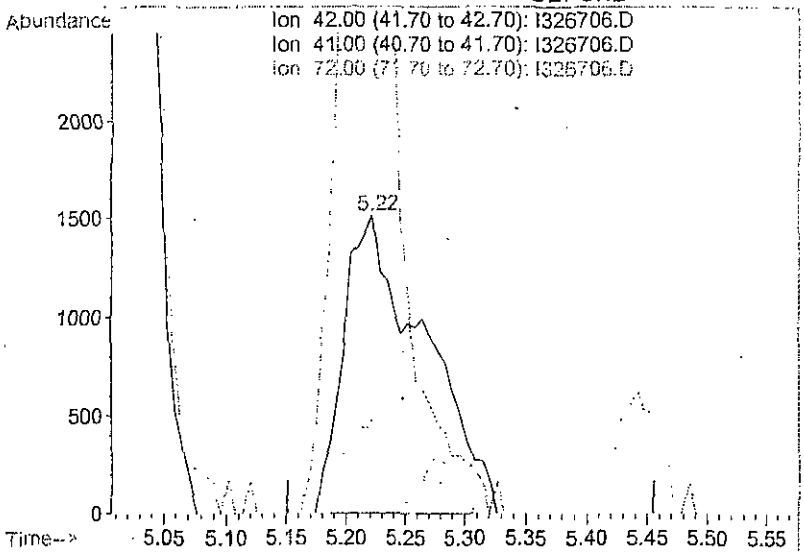
REASON FOR MANUAL INTEGRATION:

TAILING WRONG PEAK TWO PEAKS POOR INTEGRATION MISSED OTHER

ANALYST: BJP Tue Mar 27 13:02:25 2007

MAR 2 7 2007

BEFORE



TIC: I326706.D

(41) Tetrahydrofuran (T

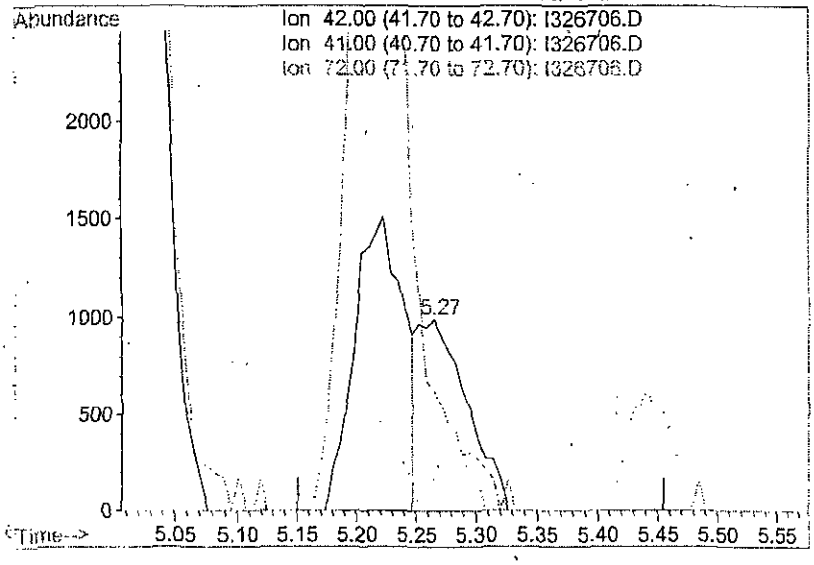
5.22min 2.04PPB

response 7148

Ion	Exp%	Act%
42.00	100	100
41.00	218.80	237.
72.00	30.60	16.7
0.00	0.00	0.00

DW 3-27-07

AFTER



TIC: I326706.D

(41) Tetrahydrofuran (T

5.27min 0.80PPB m

response 2789

Ion	Exp%	Act%
42.00	100	100
41.00	218.80	607.
72.00	30.60	42.9
0.00	0.00	0.00

Styrene I326706.D

REASON FOR MANUAL INTEGRATION:

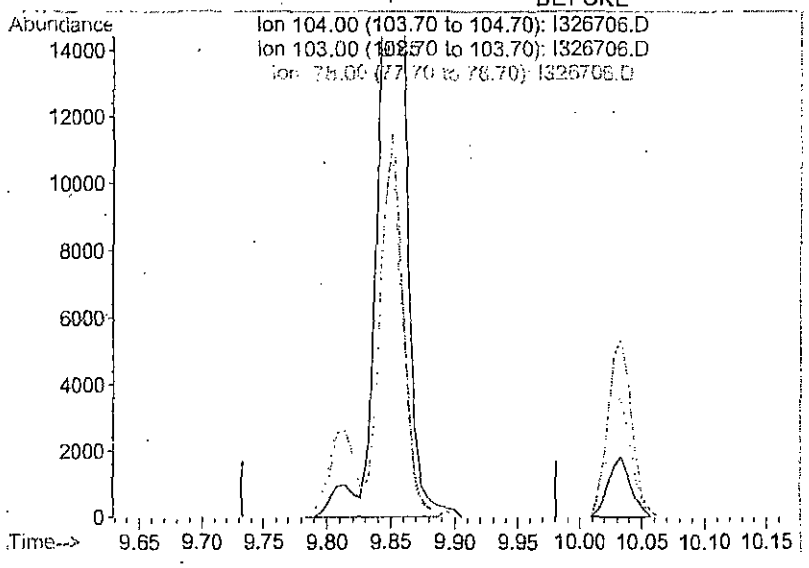
TAILING WRONG PEAK TWO PEAKS POOR INTEGRATION MISSED OTHER

ANALYST: BJP Tue Mar 27 12:02:20 2007

BJP

MAR 27 2007

BEFORE



TIC: I326706.D

(86) Styrene (T)

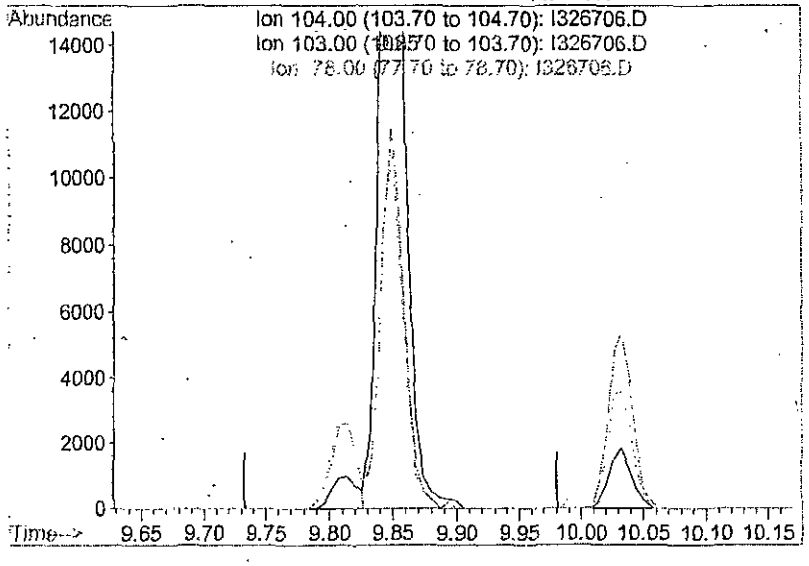
9.85min 1.71PPB

response 33638

Ion	Exp%	Act%
104.00	100	100
103.00	53.10	53.(
78.00	50.90	51.8
0.00	0.00	0.00

DW 3.27.07

AFTER



TIC: I326706.D

(86) Styrene (T)

9.85min 1.64PPB m

response 32232

Ion	Exp%	Act%
104.00	100	100
103.00	53.10	56.(
78.00	50.90	54.1
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data File : H:\MSI.I\I032607.B\I326707.D
Acq On : 26 Mar 2007 6:05 pm
Sample : STD 5 PPB;ALL ANALYTES
Misc : 1,1, 07MSV0245,5uL/50mL
MS Integration Params: TAILA.P
Quant Time: Mar 27 12:48 19107

Vial: 7
Operator: BJP
Inst : MSI
Multiplr: 1.00

Quant Results File: I70326W.RES

BJP

MAR 27 2007

Quant Method : H:\MSI.I\METHODS\I70326W.M (RTE Integrator)
Title : EPA Method 8260B/624 Calibration Curve 15mL Water
Last Update : Tue Mar 27 11:56:43 2007
Response via : Initial Calibration
DataAcq Meth : I70326W

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
1) Fluorobenzene (IS)	6.17	96	540159	16.7000 PPB		-0.03
65) Chlorobenzene-d5 (IS)	9.35	119	100055	16.7000 PPB		-0.02
92) 1,4-Dichlorobenzene-d4 (IS	10.94	152	108630	16.7000 PPB		-0.02
System Monitoring Compounds						
42) Dibromofluoromethane (Surr	5.29	113	35803	4.8458 PPB		-0.04
Spiked Amount 16.700			Recovery = 29.04%			
50) 1,2-Dichloroethane-d4 (Sur	5.86	67	19162	4.6896 PPB		-0.03
Spiked Amount 16.700			Recovery = 28.08%			
64) Toluene-d8 (Surr)	7.98	98	151972	4.8015 PPB		0.00
Spiked Amount 16.700			Recovery = 28.74%			
91) 1,4-Bromofluorobenzene (Su	10.22	95	44685	4.6504 PPB		-0.01
Spiked Amount 16.700			Recovery = 27.84%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.47	85	70110	5.0188 PPB		99
3) Chloromethane (SPCC)	1.65	50	63622	4.8086 PPB		99
4) Vinyl chloride (CCC)	1.74	62	44166	4.8682 PPB		99
5) Bromomethane	2.06	94	19180	4.4958 PPB		99
6) Ethylene oxide	2.16	44	30314	63.5254 PPB		96
7) Chloroethane	2.20	64	41219	5.3606 PPB		95
8) Trichlorofluoromethane	2.34	101	76606	5.1310 PPB		91
9) Ethyl ether	2.66	59	23225	4.5959 PPB		99
10) Ethanol	2.86	45	1566	94.9046 PPB		88
11) 1,1-Dichloroethene (CCC)	2.85	96	39745	4.8383 PPB		96
12) Carbon disulfide	2.86	76	115497	4.6590 PPB		96
13) 1,1,2-Trichlorotrifluoroet	2.91	101	44565	4.8751 PPB		99
14) Propylene oxide	2.99	58	16200	21.6837 PPB	#	92
15) Iodomethane	2.99	142	40688	5.2401 PPB		98
16) Bromoethane	3.12	108	28435	4.8922 PPB		100
17) Acrolein	3.20	56	6975	21.1771 PPB		95
18) 3-Chloropropene	3.34	41	55208	4.9800 PPB		98
19) Methylene chloride	3.45	84	39623	4.8114 PPB	#	75
20) Acetone	3.51	43	3030	4.4966 PPB		82
21) trans-1,2-Dichloroethene	3.61	96	46414	4.9224 PPB		98
22) Methyl acetate	3.64	74	7789	11.5503 PPB		100
23) Hexane	3.71	86	18317	4.9042 PPB		95
24) Methyl tert-butyl ether (M	3.74	73	62414	4.4419 PPB	#	72
25) tert-Butyl alcohol	3.85	59	14118	83.3078 PPB	#	96
26) Acetonitrile	3.98	40	2932m	18.2879 PPB		
27) Isopropyl ether	4.14	45	111007	4.6096 PPB		97
28) 2-Chloro-1,3-butadiene	4.22	88	32826	4.6418 PPB		98
29) 1,1-Dichloroethane (SPCC)	4.24	63	85831	4.8708 PPB		100
30) Acrylonitrile	4.31	53	27034	22.4109 PPB	#	99
31) Vinyl acetate	4.53	43	29978	3.9559 PPB	#	93
32) cis-1,2-Dichloroethene	4.80	96	46317	4.9557 PPB		96
33) 2,2-Dichloropropane	4.92	77	59838	4.6231 PPB	#	97
34) Cyclohexane	5.01	56	118352	4.3265 PPB		83
35) Bromochloromethane	5.01	130	18165	4.7592 PPB		96
36) 2-Methylhexane	5.02	43	99273	5.0938 PPB	#	80
37) Chloroform (CCC)	5.10	83	72565	4.8473 PPB	#	71
38) Carbon tetrachloride	5.23	117	49759	4.8028 PPB		98
39) 3-Methylhexane	5.22	57	41207	4.9127 PPB		93
40) Ethyl acetate	5.25	43	57339m	11.5420 PPB		
41) Tetrahydrofuran	5.26	42	5686m	1.5997 PPB		

(#)=qualifier out of range (m)=manual integration (S)=analyte in sublist

Quantitation Report (QT Reviewed)

Data File : H:\MSI.I\I032607.B\I326707.D
Acq On : 26 Mar 2007 6:05 pm
Sample : STD 5 PPB;ALL ANALYTES
Misc : 1,1, 07MSV0245,5uL/50mL
MS Integration Params: TAILA.P
Quant Time: Mar 27 12:48 19107

Vial: 7
Operator: BJP
Inst : MSI
Multiplr: 1.00
Quant Results File: I70326W.RES

Quant Method : H:\MSI.I\METHODS\I70326W.M (RTE Integrator)
Title : EPA Method 8260B/624 Calibration Curve 15mL Water
Last Update : Tue Mar 27 11:56:43 2007
Response via : Initial Calibration
DataAcq Meth : I70326W

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
43)	1,1,1-Trichloroethane	5.30	97	62855	4.8510	PPB		98
44)	1,1-Dichloropropene	5.44	75	65848	4.8089	PPB		98
45)	2-Butanone (MEK)	5.44	43	5638	4.7710	PPB		94
46)	Benzene	5.71	78	203831	4.9461	PPB		98
47)	Heptane	5.69	57	40248	4.9893	PPB		96
48)	Propionitrile	5.75	54	7000m	25.6351	PPB		
49)	Methacrylonitrile	5.77	67	34168	22.4216	PPB	#	54
51)	1,2-Dichloroethane	5.93	62	41514	4.8226	PPB		99
52)	Isobutyl alcohol	6.01	43	5060	180.4266	PPB	#	75
53)	Methylcyclohexane	6.34	83	220585	12.4004	PPB		97
54)	Trichloroethene	6.36	130	46334	4.8496	PPB		97
55)	Dibromomethane	6.84	93	14061	4.6982	PPB		97
56)	n-Butanol	6.81	56	4470	219.5547	ug/L	#	91
57)	1,2-Dichloropropane (CCC)	6.95	63	41170	4.7436	PPB		92
58)	Bromodichloromethane	7.04	83	41470	4.5202	PPB		98
59)	1,4-Dioxane	7.30	88	1520	85.6268	PPB		92
60)	Methyl methacrylate	7.25	69	7472	4.9315	PPB		84
61)	1-Bromo-2-chloroethane	7.59	63	36651	4.5044	PPB		92
62)	cis-1,3-Dichloropropene	7.78	75	48972	4.3797	PPB		98
63)	2-Chloroethyl vinyl ether	7.74	63	5795	3.4301	PPB		98
66)	Toluene (CCC)	8.03	91	191542	4.8643	PPB		99
67)	Epichlorohydrin	8.06	57	4594	18.4901	PPB	#	51
68)	2-Nitropropane	8.26	43	1695	3.2572	PPB	#	100
69)	Tetrachloroethene	8.40	164	37653	4.7834	PPB		99
70)	4-Methyl-2-pentanone (MIBK	8.43	43	7610	3.3911	PPB	#	78
71)	trans-1,3-Dichloropropene	8.45	75	33728	4.2198	PPB		83
72)	1,1,2-Trichloroethane	8.59	97	21133	4.6822	PPB		93
73)	4-Methyl-2-pentanol (MIBC)	8.54	45	2992	11.9135	PPB	#	100
74)	Ethyl methacrylate	8.62	69	14804	4.9952	PPB		88
75)	Dibromochloromethane	8.74	129	17736	4.1980	PPB		99
76)	1,3-Dichloropropane	8.83	76	42952	4.6950	PPB		98
77)	1,2-Dibromoethane (EDB)	8.93	107	17136	4.5264	PPB		98
78)	2-Hexanone	9.15	43	3688	7.2950	PPB		83
79)	Chlorobenzene (SPCC)	9.36	112	110527	4.8848	PPB		97
80)	1-Chlorohexane	9.35	55	45169	4.9042	PPB		95
81)	Ethylbenzene (CCC)	9.39	106	64744	4.9251	PPB		90
82)	1,1,1,2-Tetrachloroethane	9.41	131	28554	4.5144	PPB	#	1
83)	m&p-Xylene	9.50	106	159747	10.0644	PPB		98
84)	o-Xylene	9.81	106	68141	4.7779	PPB		96
85)	Bromoform (SPCC)	9.86	173	6794	3.8873	PPB		98
86)	Styrene	9.85	104	92029	4.6093	PPB		98
87)	Isopropylbenzene	10.03	105	181377	4.9308	PPB		98
88)	Bromobenzene	10.29	156	31277	4.7036	PPB		92
89)	n-Propylbenzene	10.31	120	48680	4.9642	PPB	#	83
90)	1,1,2,2-Tetrachloroethane	10.36	83	16945	4.5357	PPB		90
93)	2-Chlorotoluene	10.41	126	38437	4.9521	PPB		92
94)	Cyclohexanone	10.48	42	425	15.1647	PPB	#	71
95)	1,2,3-Trichloropropane	10.45	110	5730	4.7650	PPB		92
96)	trans-1,4-Dichloro-2-buten	10.48	89	635	4.4738	PPB	#	1
97)	3-Ethyltoluene	10.37	105	158448	5.0536	PPB	#	35
98)	4-Chlorotoluene	10.52	126	38904	5.0196	PPB	#	87
99)	1,3,5-Trimethylbenzene	10.44	105	139883	5.1030	PPB	#	1
100)	2-Ethyltoluene	10.58	105	158587	5.0726	PPB	#	1
101)	tert-Butylbenzene	10.64	91	79767	5.1028	PPB		91
102)	Pentachloroethane	10.66	167	10587	4.5049	PPB	#	1

(#)=qualifier out of range (m)=manual integration (S)=analyte in sublist

Quantitation Report (QT Reviewed)

Data File : H:\MSI.I\I032607.B\I326707.D
Acq On : 26 Mar 2007 6:05 pm
Sample : STD 5 PPB;ALL ANALYTES
Misc : 1,1, 07MSV0245,5uL/50mL
MS Integration Params: TAILA.P
Quant Time: Mar 27 12:48 19107

Vial: 7
Operator: BJP
Inst : MSI
Multiplr: 1.00
Quant Results File: I70326W.RES

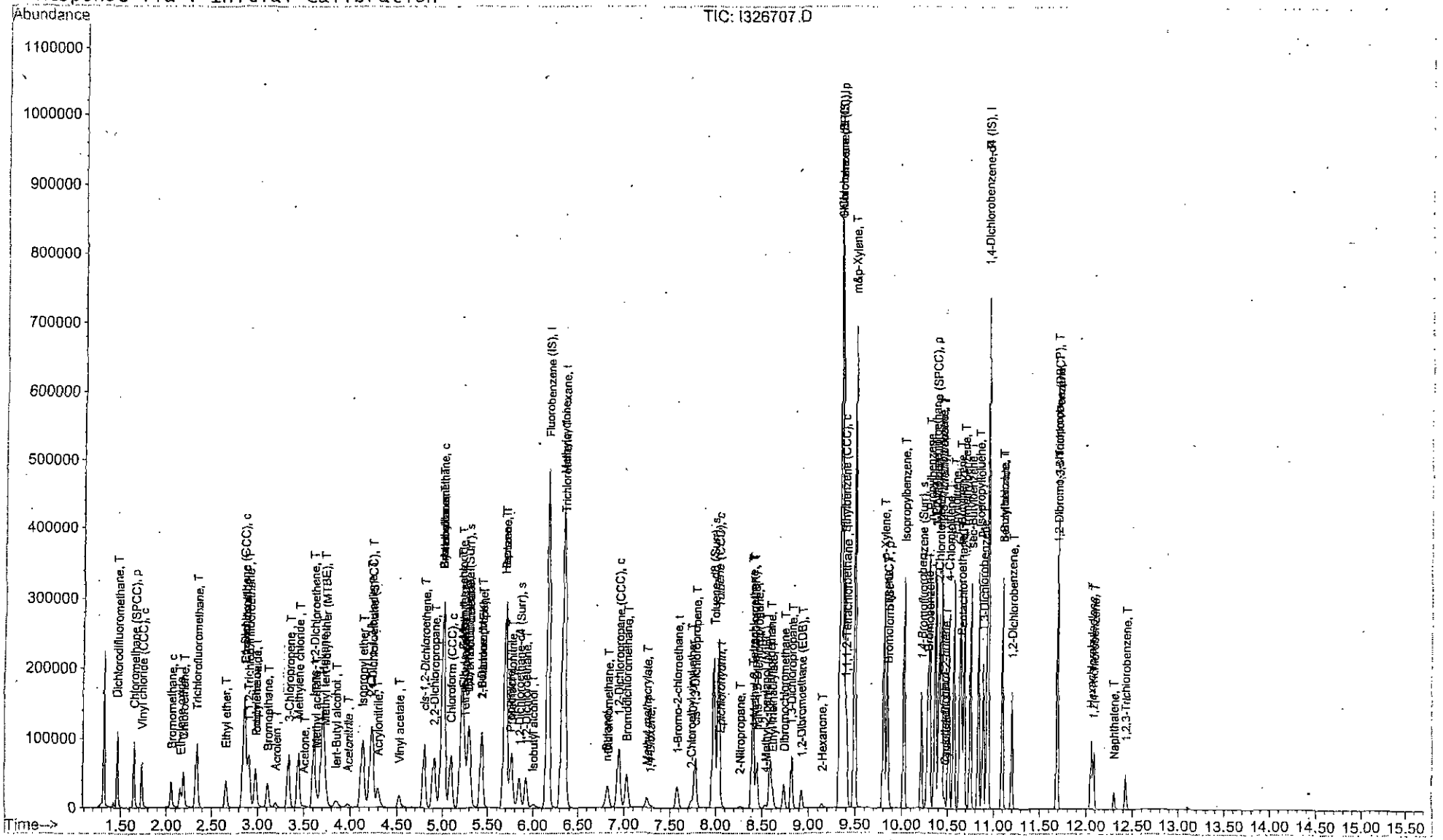
Quant Method : H:\MSI.I\METHODS\I70326W.M (RTE Integrator)
Title : EPA Method 8260B/624 Calibration Curve 15mL Water
Last Update : Tue Mar 27 11:56:43 2007
Response via : Initial Calibration
DataAcq Meth : I70326W

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
103)	1,2,4-Trimethylbenzene	10.68	105	131254	5.0423	PPB		80
104)	sec-Butylbenzene	10.76	105	181357	5.1013	PPB		100
105)	p-Isopropyltoluene	10.84	119	142749	5.1052	PPB		96
106)	1,3-Dichlorobenzene	10.89	146	61775	4.8575	PPB	#	33
107)	1,4-Dichlorobenzene	10.95	146	61158	4.8111	PPB	#	21
108)	Benzyl chloride	11.10	126	2855	6.0597	PPB	#	1
109)	n-Butylbenzene	11.10	134	31886	4.9201	PPB	#	66
110)	1,2-Dichlorobenzene	11.21	146	46799	4.7672	PPB		100
111)	1,3,5-Trichlorobenzene	11.70	180	86367	11.8217	PPB		98
112)	1,2-Dibromo-3-chloropropan	11.69	157	1095	7.1030	PPB	#	1
113)	Hexachlorobutadiene	12.07	225	14811	4.8551	PPB		99
114)	1,2,4-Trichlorobenzene	12.10	180	19231	4.3772	PPB		99
115)	Naphthalene	12.31	128	16176	5.5011	PPB		99
116)	1,2,3-Trichlorobenzene	12.44	180	11912	4.1195	PPB		97

(#)=qualifier out of range (m)=manual integration (S)=analyte in sublist

Data File : H:\MSI.I\I032607.B\I326707.D Vial: 7
Acq On : 26 Mar 2007 6:05 pm Operator: BJP
Sample : STD 5 PPB;ALL ANALYTES Inst : MSI
Misc : 1,1, 07MSV0245,5uL/50mL Multiplr: 1.00
MS Integration Params: TAILA.P
Quant Time: Mar 27 12:48 19107 Quant Results File: I70326W.RES

Method : H:\MSI.I\METHODS\I70326W.M (RTE Integrator)
Title : EPA Method 8260B/624 Calibration Curve 15mL Water
Last Update : Tue Mar 27 13:23:23 2007
Response via : Initial Calibration



Acetonitrile I326707.D

REASON FOR MANUAL INTEGRATION:

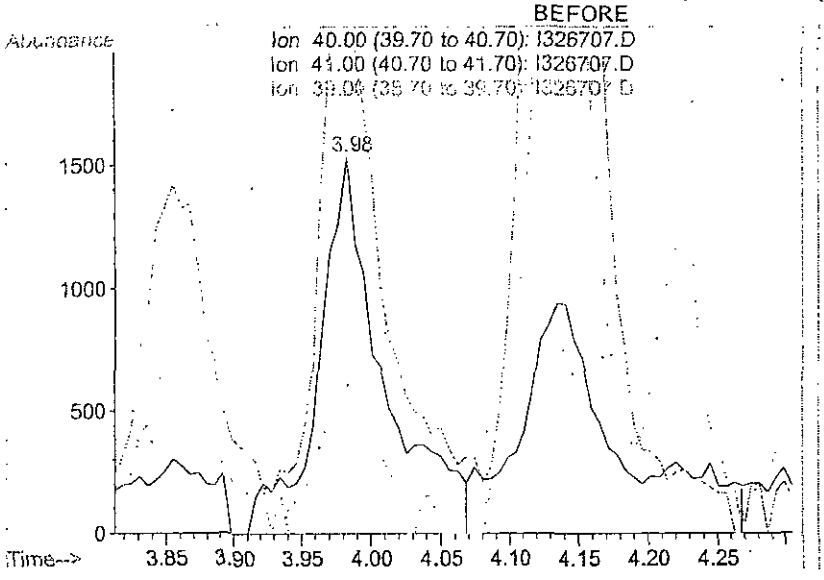
TAILING WRONG PEAK TWO PEAKS POOR INTEGRATION MISSED OTHER

ANALYST: BJP Tue Mar 27 12:28:09 2007

BJP

MAR 27 2007

BEFORE



TIC: I326707.D

(26) Acetonitrile (T)

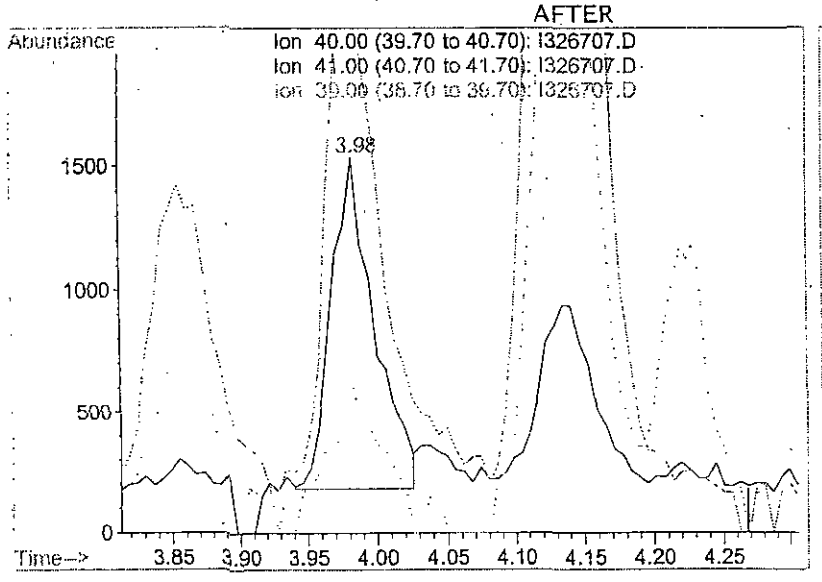
3.98min 30.96PPB

response 4964

Ion	Exp%	Act%
40.00	100	100
41.00	0.00	0.00
39.00	0.00	34.9
0.00	0.00	0.00

DW 3.27.07

AFTER



TIC: I326707.D

(26) Acetonitrile (T)

3.98min 18.29PPB m

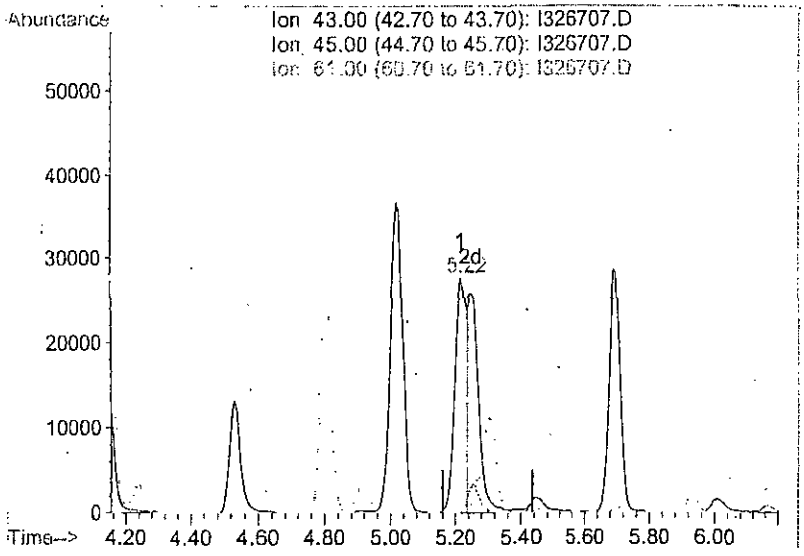
response 2932

Ion	Exp%	Act%
40.00	100	100
41.00	0.00	0.00
39.00	0.00	59.1
0.00	0.00	0.00

Ethyl acetate I326707.D
REASON FOR MANUAL INTEGRATION:
TAILING WRONG PEAK TWO PEAKS POOR INTEGRATION MISSED OTHER
ANALYST: BJP Tue Mar 27 12:03:04 2007

MAR 2 7 2007

BEFORE



TIC: I326707.D

(40) Ethyl acetate (T)

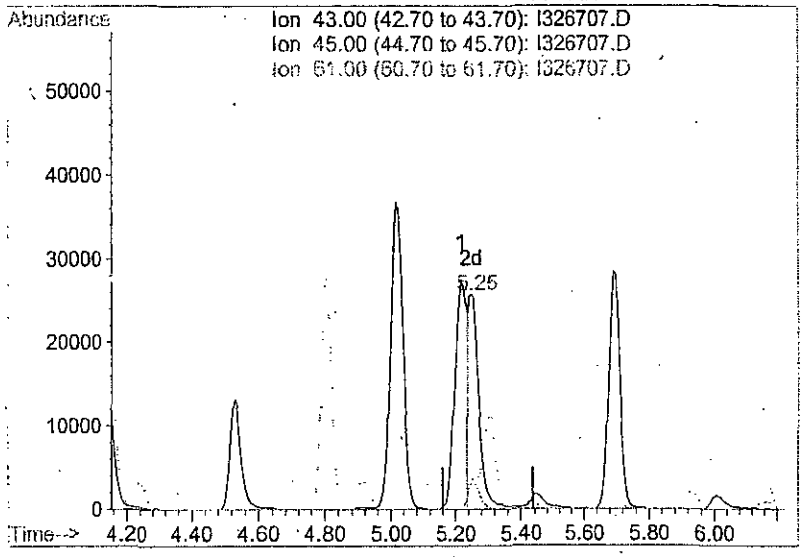
5.22min 13.86PPB

response 68846

Ion	Exp%	Act%
43.00	100	100
45.00	7.50	0.00
61.00	29.70	0.0(
0.00	0.00	0.00

DW
3-27-07

AFTER



TIC: I326707.D

(40) Ethyl acetate (T)

5.25min 11.54PPB m

response 57339

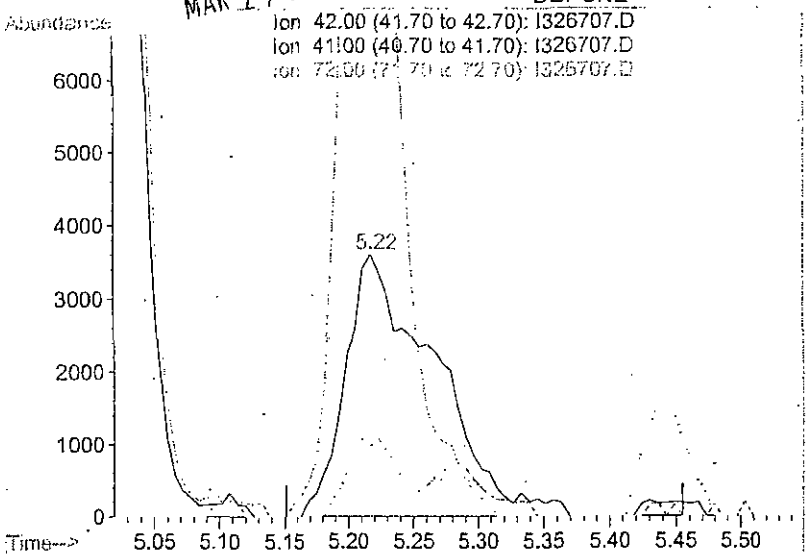
Ion	Exp%	Act%
43.00	100	100
45.00	7.50	0.00
61.00	29.70	0.0(
0.00	0.00	0.00

Tetrahydrofuran I326707.D
REASON FOR MANUAL INTEGRATION:
TAILING WRONG PEAK TWO PEAKS POOR INTEGRATION MISSED OTHER
ANALYST: BJR Tue Mar 27 13:02:50 2007

Poor

MAR 27 2007

BEFORE



TIC: I326707.D

(41) Tetrahydrofuran (T

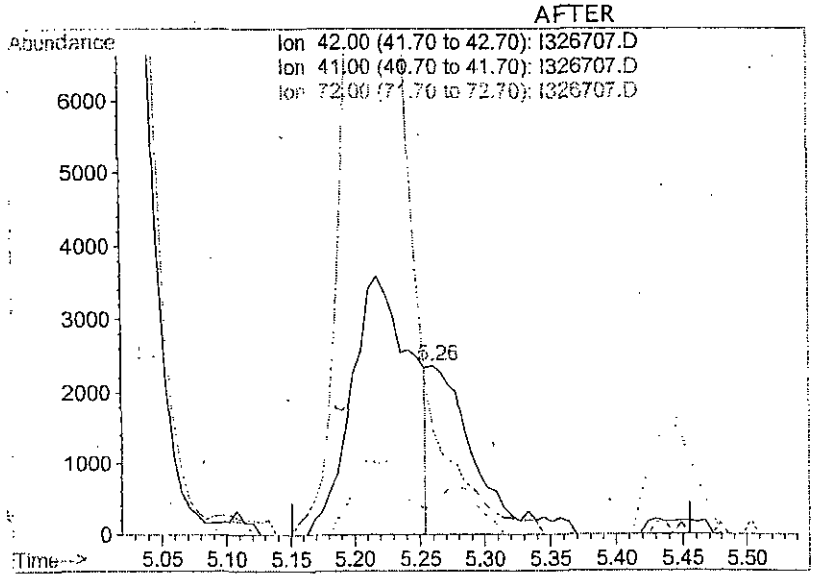
5.22min 4.85PPB

response 17245

Ion	Exp%	Act%
42.00	100	100
41.00	218.80	233.
72.00	30.60	26.1
0.00	0.00	0.00

DW 3.27.07

AFTER



TIC: I326707.D

(41) Tetrahydrofuran (T

5.26min 1.60PPB m

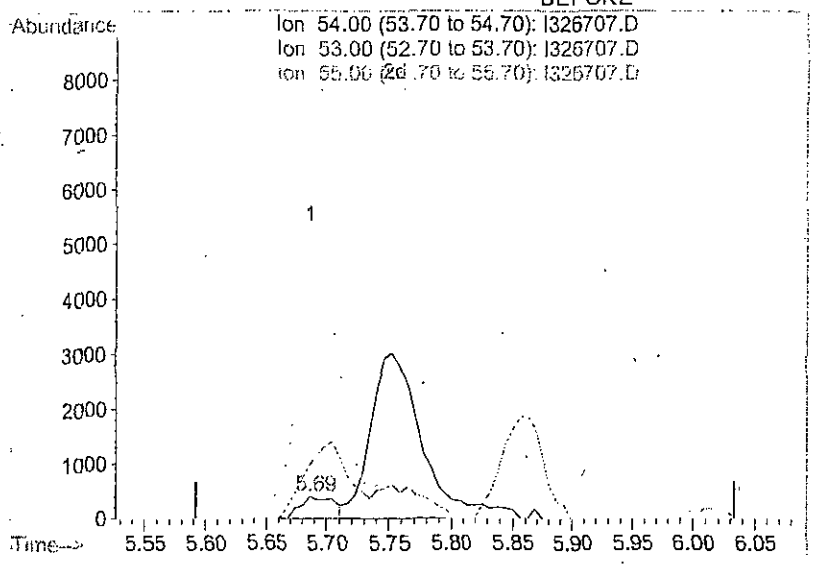
response 5686

Ion	Exp%	Act%
42.00	100	100
41.00	218.80	709.
72.00	30.60	79.2
0.00	0.00	0.00

Propionitrile I326707.D
REASON FOR MANUAL INTEGRATION:
TAILING WRONG PEAK TWO PEAKS POOR INTEGRATION MISSED OTHER
ANALYST: BJP Tue Mar 27 12:04:54 2007

POOR
MAR 27 2007

BEFORE



TIC: I326707.D

(48) Propionitrile (T)

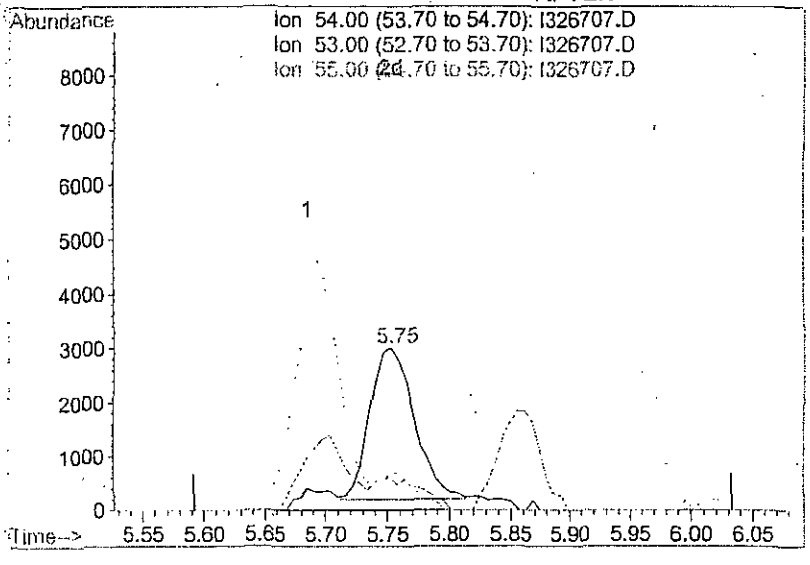
5.69min 2.82PPB

response 769

Ion	Exp%	Act%
54.00	100	100
53.00	82.50	660.(
55.00	108.20	165(
0.00	0.00	0.00

DW 3-27-07

AFTER



TIC: I326707.D

(48) Propionitrile (T)

5.75min 25.64PPB m

response 7000

Ion	Exp%	Act%
54.00	100	100
53.00	82.50	72.6
55.00	108.20	182.
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data File : H:\MSI.I\I032607.B\I326708.D
Acq On : 26 Mar 2007 6:30 pm
Sample : STD 10 PPB;ALL ANALYTES
Misc : 1,1, 07MSV0245,10uL/50mL
MS Integration Params: TAILA.P
Quant Time: Mar 27 12:56 19107

Vial: 8
Operator: BJP
Inst : MSI
Multiplr: 1.00

Quant Results File: I70326W.RES

MAR 27 2007

Quant Method : H:\MSI.I\METHODS\I70326W.M (RTE Integrator)
Title : EPA Method 8260B/624 Calibration Curve 15mL Water
Last Update : Tue Mar 27 11:56:43 2007
Response via : Initial Calibration
DataAcq Meth : I70326W

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
1) Fluorobenzene (IS)	6.17	96	541797	16.7000 PPB		-0.03
65) Chlorobenzene-d5 (IS)	9.35	119	101525	16.7000 PPB		-0.02
92) 1,4-Dichlorobenzene-d4 (IS	10.94	152	112635	16.7000 PPB		-0.02
System Monitoring Compounds						
42) Dibromofluoromethane (Surr	5.29	113	77335	10.4354 PPB		-0.04
Spiked Amount 16.700			Recovery =	62.51%		
50) 1,2-Dichloroethane-d4 (Sur	5.86	67	41368	10.0937 PPB		-0.04
Spiked Amount 16.700			Recovery =	60.42%		
64) Toluene-d8 (Surr)	7.98	98	339420	10.6915 PPB		0.00
Spiked Amount 16.700			Recovery =	64.01%		
91) 1,4-Bromofluorobenzene (Su	10.22	95	101158	10.3751 PPB		-0.01
Spiked Amount 16.700			Recovery =	62.16%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.48	85	145289	10.3691 PPB		99
3) Chloromethane (SPCC)	1.65	50	138373	10.4267 PPB		99
4) Vinyl chloride (CCC)	1.74	62	97464	10.7104 PPB		99
5) Bromomethane	2.06	94	47320	11.0584 PPB		98
6) Ethylene oxide	2.16	44	65298	136.4235 PPB		96
7) Chloroethane	2.19	64	85510	11.0871 PPB		97
8) Trichlorofluoromethane	2.34	101	158590	10.5900 PPB		92
9) Ethyl ether	2.66	59	51904	10.2400 PPB		99
10) Ethanol	2.83	45	3711	224.2186 PPB		99
11) 1,1-Dichloroethene (CCC)	2.86	96	85678	10.3984 PPB		97
12) Carbon disulfide	2.87	76	256428	10.3127 PPB		98
13) 1,1,2-Trichlorotrifluoroet	2.91	101	93413	10.1879 PPB		99
14) Propylene oxide	2.99	58	37064	49.4602 PPB	#	97
15) Iodomethane	2.99	142	89414	11.4806 PPB		99
16) Bromoethane	3.12	108	60185	10.3234 PPB		99
17) Acrolein	3.20	56	16146	48.8733 PPB		98
18) 3-Chloropropene	3.34	41	121147	10.8950 PPB		99
19) Methylene chloride	3.45	84	84975	10.2873 PPB	#	78
20) Acetone	3.51	43	6792	10.0490 PPB		89
21) trans-1,2-Dichloroethene	3.61	96	100157	10.5900 PPB		98
22) Methyl acetate	3.64	74	16943	25.0489 PPB	#	100
23) Hexane	3.71	86	39465	10.5344 PPB		95
24) Methyl tert-butyl ether (M	3.74	73	142608	10.1185 PPB		79
25) tert-Butyl alcohol	3.85	59	36574	215.1641 PPB	#	84
26) Acetonitrile	3.98	40	6890	42.8454 PPB	#	100
27) Isopropyl ether	4.13	45	254069	10.5183 PPB		98
28) 2-Chloro-1,3-butadiene	4.22	88	75238	10.6069 PPB		99
29) 1,1-Dichloroethane (SPCC)	4.24	63	186847	10.5714 PPB		99
30) Acrylonitrile	4.30	53	60871	50.3089 PPB	#	98
31) Vinyl acetate	4.53	43	73730	9.6999 PPB	#	96
32) cis-1,2-Dichloroethene	4.80	96	99516	10.6155 PPB		98
33) 2,2-Dichloropropane	4.91	77	134757	10.3798 PPB	#	98
34) Cyclohexane	5.01	56	253449m	9.2371 PPB		
35) Bromochloromethane	5.01	130	38671	10.1012 PPB		89
36) 2-Methylhexane	5.02	43	210347	10.7605 PPB	#	96
37) Chloroform (CCC)	5.10	83	155898	10.3823 PPB	#	75
38) Carbon tetrachloride	5.23	117	107960	10.3890 PPB		100
39) 3-Methylhexane	5.22	57	89674	10.6586 PPB		95
40) Ethyl acetate	5.25	43	152573m	30.6191 PPB		
41) Tetrahydrofuran	5.25	42	14118m	3.9600 PPB		

(#)=qualifier out of range (m)=manual integration (S)=analyte in sublist

Quantitation Report (QT Reviewed)

Data File : H:\MSI.I\I032607.B\I326708.D
Acq On : 26 Mar 2007 6:30 pm
Sample : STD 10 PPB;ALL ANALYTES
Misc : 1,1, 07MSV0245,10uL/50mL
MS Integration Params: TAILA.P
Quant Time: Mar 27 12:56 19107

Vial: 8
Operator: BJP
Inst : MSI
Multiplr: 1.00
Quant Results File: I70326W.RES

Quant Method : H:\MSI.I\METHODS\I70326W.M (RTE Integrator)
Title : EPA Method 8260B/624 Calibration Curve 15mL Water
Last Update : Tue Mar 27 11:56:43 2007
Response via : Initial Calibration
DataAcq Meth : I70326W

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
43)	1,1,1-Trichloroethane	5.30	97	136500	10.5028	PPB		99
44)	1,1-Dichloropropene	5.44	75	145897	10.6227	PPB		99
45)	2-Butanone (MEK)	5.44	43	11274	9.5115	PPB		93
46)	Benzene	5.71	78	433226	10.4807	PPB		98
47)	Heptane	5.69	57	88122	10.8909	PPB		97
48)	Propionitrile	5.75	54	15605m	56.9752	PPB		
49)	Methacrylonitrile	5.77	67	80570	52.7115	PPB	#	91
51)	1,2-Dichloroethane	5.93	62	88686	10.2713	PPB		100
52)	Isobutyl alcohol	6.01	43	13406	265.6294	PPB		97
53)	Methylcyclohexane	6.34	83	474575	26.5981	PPB		97
54)	Trichloroethene	6.36	130	99691	10.4027	PPB		98
55)	Dibromomethane	6.83	93	31000	10.3267	PPB		99
56)	n-Butanol	6.80	56	13460	441.4128	ug/L	#	86
57)	1,2-Dichloropropane (CCC)	6.95	63	90631	10.4110	PPB		93
58)	Bromodichloromethane	7.04	83	94153	10.2315	PPB		98
59)	1,4-Dioxane	7.29	88	4008	225.1018	PPB		96
60)	Methyl methacrylate	7.25	69	20120	8.8814	PPB		91
61)	1-Bromo-2-chloroethane	7.59	63	83082	10.1798	PPB		91
62)	cis-1,3-Dichloropropene	7.78	75	117512	10.4777	PPB		99
63)	2-Chloroethyl vinyl ether	7.74	63	15170	8.9521	PPB		98
66)	Toluene (CCC)	8.04	91	423028	10.5875	PPB		99
67)	Epichlorohydrin	8.06	57	12171	48.2771	PPB	#	74
68)	2-Nitropropane	8.28	43	4335	8.2096	PPB	#	100
69)	Tetrachloroethene	8.41	164	82371	10.3129	PPB		99
70)	4-Methyl-2-pentanone (MIBK	8.43	43	19524	8.5740	PPB	#	82
71)	trans-1,3-Dichloropropene	8.45	75	83952	10.3514	PPB		97
72)	1,1,2-Trichloroethane	8.59	97	46851	10.2300	PPB		94
73)	4-Methyl-2-pentanol (MIBC)	8.54	45	8170	32.0601	PPB	#	100
74)	Ethyl methacrylate	8.62	69	41936	9.0327	PPB		91
75)	Dibromochloromethane	8.74	129	43257	10.0905	PPB		99
76)	1,3-Dichloropropane	8.82	76	95538	10.2919	PPB		99
77)	1,2-Dibromoethane (EDB)	8.93	107	39539	10.2928	PPB		100
78)	2-Hexanone	9.15	43	10191	10.7118	PPB		86
79)	Chlorobenzene (SPCC)	9.36	112	239617	10.4366	PPB		99
80)	1-Chlorohexane	9.35	55	95588	10.2281	PPB		98
81)	Ethylbenzene (CCC)	9.39	106	141694	10.6226	PPB		92
82)	1,1,1,2-Tetrachloroethane	9.41	131	65753	10.2450	PPB	#	1
83)	m&p-Xylene	9.50	106	349273	21.6864	PPB		98
84)	o-Xylene	9.81	106	156968	10.8468	PPB		98
85)	Bromoform (SPCC)	9.86	173	17101	9.6430	PPB		97
86)	Styrene	9.85	104	224662	11.0892	PPB		99
87)	Isopropylbenzene	10.03	105	409439	10.9697	PPB		98
88)	Bromobenzene	10.29	156	69854	10.3530	PPB	#	62
89)	n-Propylbenzene	10.31	120	108055	10.8594	PPB	#	85
90)	1,1,2,2-Tetrachloroethane	10.36	83	38270	10.0955	PPB		98
93)	2-Chlorotoluene	10.41	126	84771	10.5333	PPB		91
94)	Cyclohexanone	10.48	42	1207m	41.5364	PPB		
95)	1,2,3-Trichloropropane	10.45	110	12695	10.1815	PPB		92
96)	trans-1,4-Dichloro-2-buten	10.48	89	2014	9.2931	PPB	#	1
97)	3-Ethyltoluene	10.37	105	360233	11.0808	PPB	#	72
98)	4-Chlorotoluene	10.52	126	85344	10.6200	PPB	#	86
99)	1,3,5-Trimethylbenzene	10.44	105	313152	11.0178	PPB		58
100)	2-Ethyltoluene	10.57	105	351710	10.8499	PPB	#	4
101)	tert-Butylbenzene	10.64	91	176139	10.8672	PPB		91
102)	Pentachloroethane	10.66	167	23899	9.8076	PPB	#	1

(#)=qualifier out of range (m)=manual integration (S)=analyte in sublist

Quantitation Report (QT Reviewed)

Data File : H:\MSI.I\I032607.B\I326708.D Vial: 8
Acq On : 26 Mar 2007 6:30 pm Operator: BJP
Sample : STD 10 PPB;ALL ANALYTES Inst : MSI
Misc : 1,1, 07MSV0245,10uL/50mL Multiplr: 1.00
MS Integration Params: TAILA.P
Quant Time: Mar 27 12:56 19107 Quant Results File: I70326W.RES

Quant Method : H:\MSI.I\METHODS\I70326W.M (RTE Integrator)
Title : EPA Method 8260B/624 Calibration Curve 15mL Water
Last Update : Tue Mar 27 11:56:43 2007
Response via : Initial Calibration
DataAcq Meth : I70326W

Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
103) 1,2,4-Trimethylbenzene	10.69	105	292821	10.8492	PPB		80
104) sec-Butylbenzene	10.76	105	403485	10.9459	PPB		99
105) p-Isopropyltoluene	10.84	119	321771	11.0984	PPB		96
106) 1,3-Dichlorobenzene	10.90	146	135873	10.3042	PPB	#	34
107) 1,4-Dichlorobenzene	10.95	146	134851	10.2311	PPB	#	21
108) Benzyl chloride	11.10	126	8088	9.5219	PPB	#	1
109) n-Butylbenzene	11.10	134	74506	11.0876	PPB	#	64
110) 1,2-Dichlorobenzene	11.21	146	104348	10.2515	PPB		100
111) 1,3,5-Trichlorobenzene	11.70	180	197071	26.0154	PPB		99
112) 1,2-Dibromo-3-chloropropan	11.69	157	3045	11.2252	PPB	#	1
113) Hexachlorobutadiene	12.06	225	32107	10.1506	PPB		98
114) 1,2,4-Trichlorobenzene	12.10	180	45950	10.0870	PPB		100
115) Naphthalene	12.31	128	45530	9.2082	PPB		99
116) 1,2,3-Trichlorobenzene	12.44	180	29544	9.8538	PPB		99

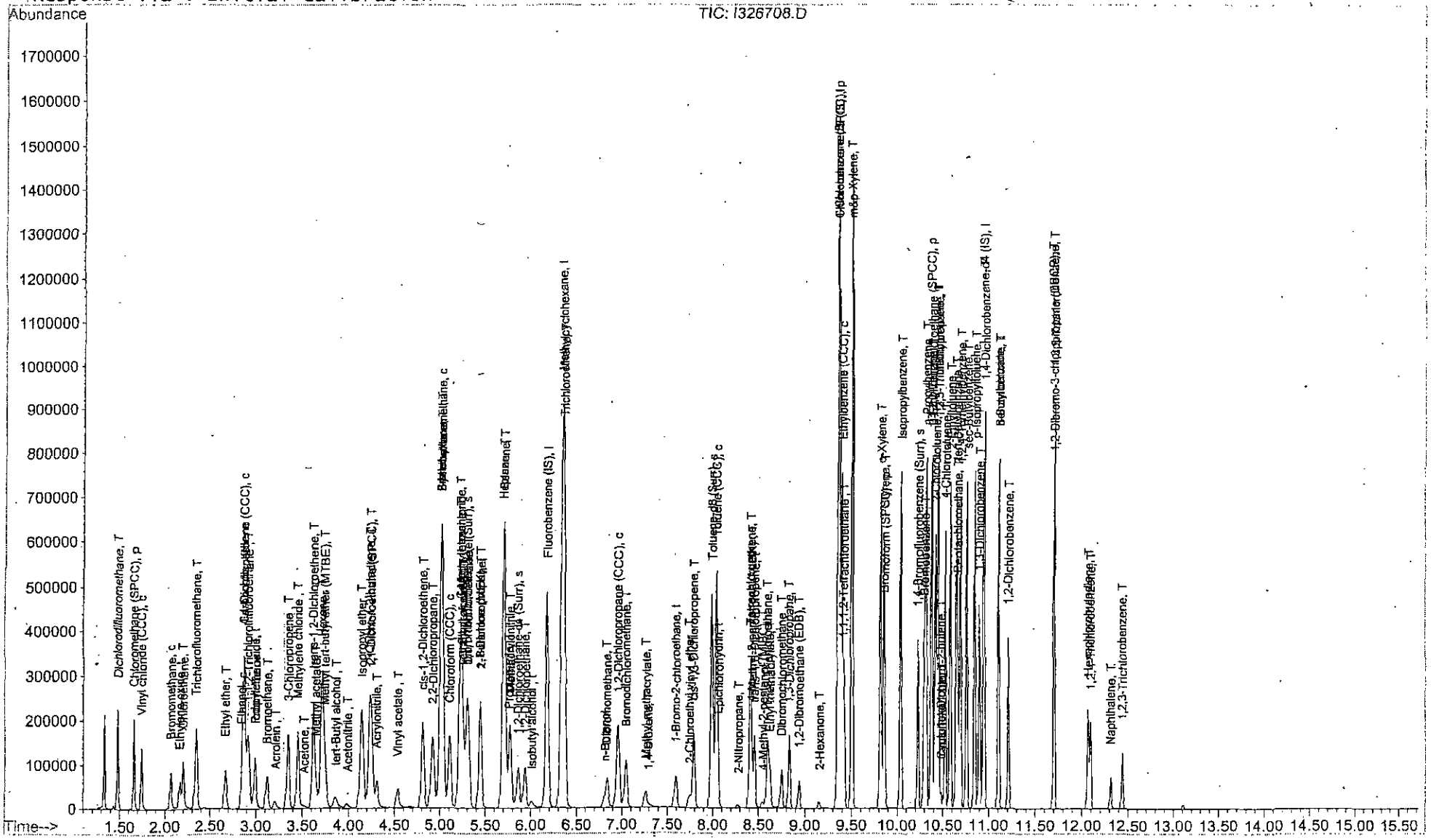
(#)=qualifier out of range (m)=manual integration (S)=analyte in sublist

Data File : H:\MSI.I\I032607.B\I326708.D
Acq On : 26 Mar 2007 6:30 pm
Sample : STD 10 PPB;ALL ANALYTES
Misc : 1,1, 07MSV0245,10uL/50mL
MS Integration Params: TAILA.P
Quant Time: Mar 27 12:56 19107

Vial: 8
Operator: BJP
Inst : MSI
Multiplr: 1.00

Quant Results File: I70326W.RES

Method : H:\MSI.I\METHODS\I70326W.M (RTE Integrator)
Title : EPA Method 8260B/624 Calibration Curve 15mL Water
Last Update : Tue Mar 27 13:23:23 2007
Response via : Initial Calibration



Cyclohexane I326708.D

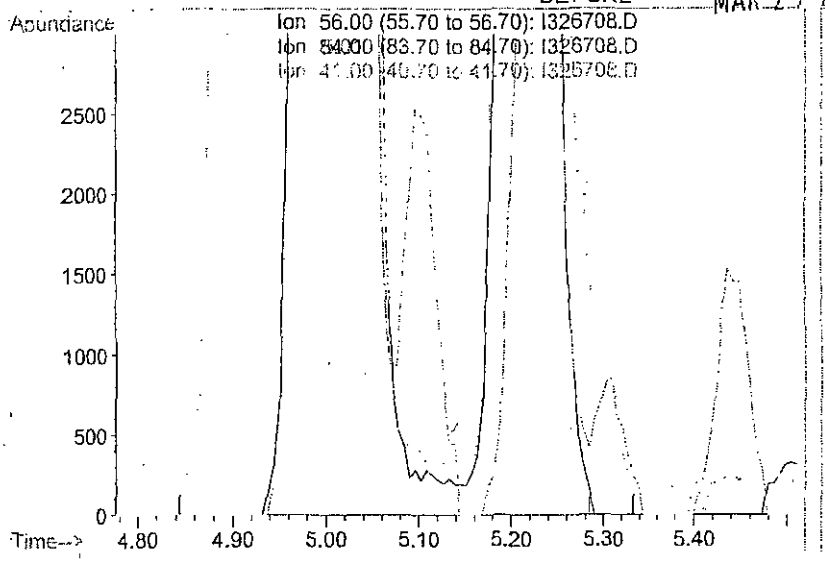
REASON FOR MANUAL INTEGRATION:

TAILING WRONG PEAK TWO PEAKS POOR INTEGRATION MISSED OTHER

ANALYST: BJP Tue Mar 27 12:27:08 2007

BJP

BEFORE MAR 27 2007



TIC: I326708.D

(34) Cyclohexane (T)

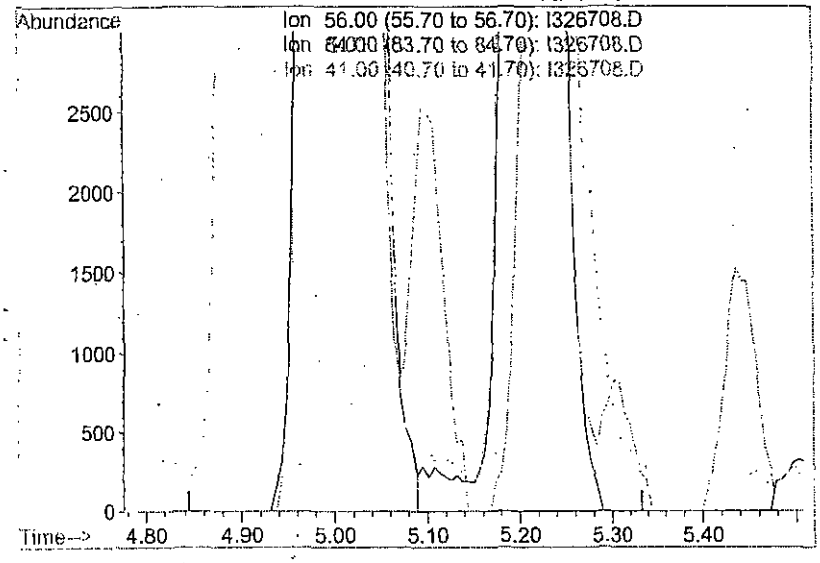
5.01min 11.86PPB

response 325409

Ion	Exp%	Act%
56.00	100	100
84.00	72.50	62.7
41.00	82.10	105.(
0.00	0.00	0.00

DW 3-27-07

AFTER



TIC: I326708.D

(34) Cyclohexane (T)

5.01min 9.24PPB m

response 253449

Ion	Exp%	Act%
56.00	100	100
84.00	72.50	80.6
41.00	82.10	135.(
0.00	0.00	0.00

Ethyl acetate I326708.D

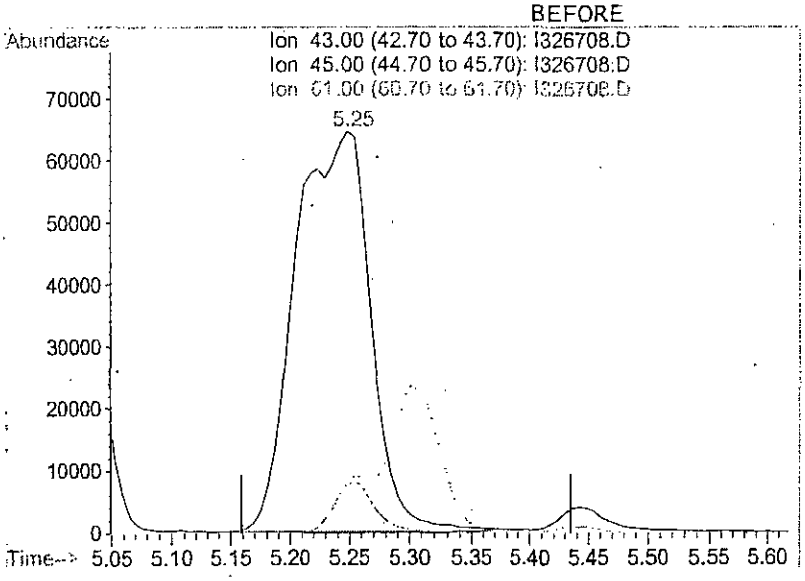
REASON FOR MANUAL INTEGRATION:

TAILING WRONG PEAK TWO PEAKS POOR INTEGRATION MISSED OTHER

ANALYST: BJP Tue Mar 27 12:05:18 2007

MAR 2 7 2007

BEFORE



TIC: I326708.D

(40) Ethyl acetate (T)

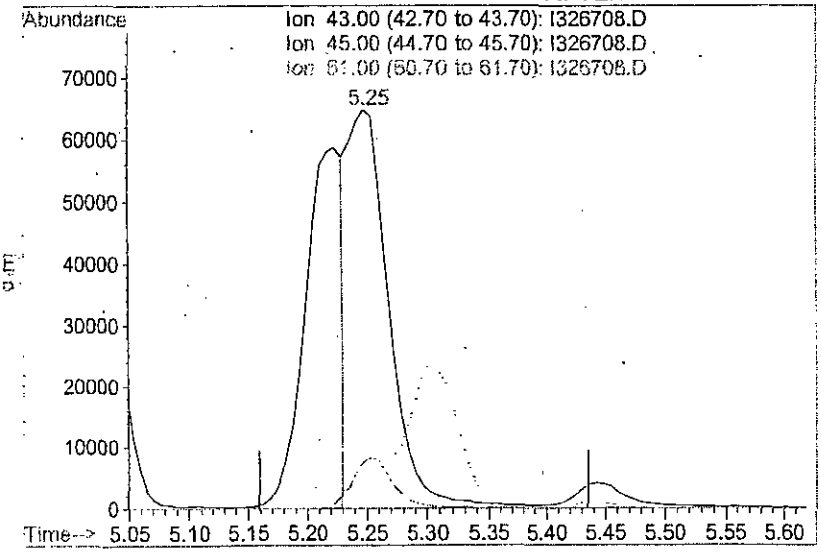
5.25min 56.42PPB

response 281153

Ion	Exp%	Act%
43.00	100	100
45.00	7.50	6.77
61.00	29.70	29.7
0.00	0.00	0.00

3-27-07

AFTER



TIC: I326708.D

(40) Ethyl acetate (T)

5.25min 30.62PPB m

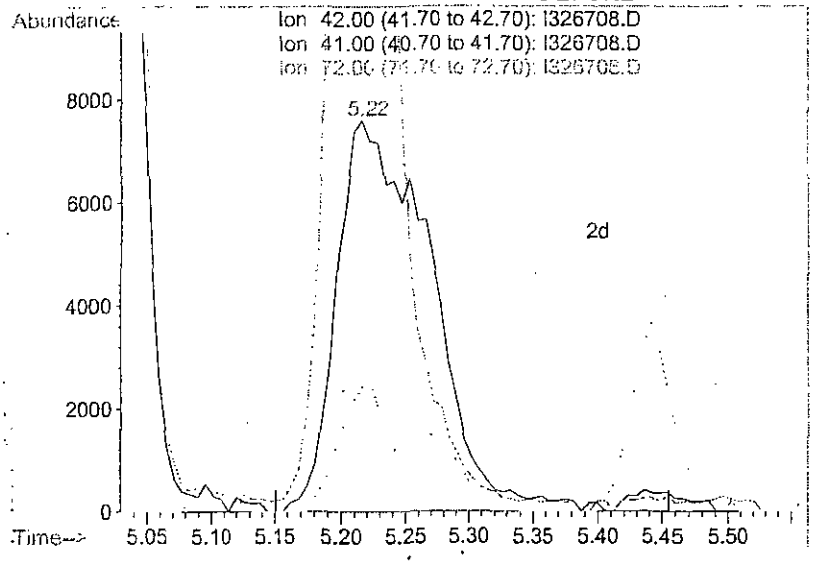
response 152573

Ion	Exp%	Act%
43.00	100	100
45.00	7.50	12.4
61.00	29.70	54.8
0.00	0.00	0.00

Tetrahydrofuran I326708.D
REASON FOR MANUAL INTEGRATION:
TAILING WRONG PEAK TWO PEAKS POOR INTEGRATION MISSED OTHER
ANALYST: BJP Tue Mar 27 13:03:06 2007

MAR 27 2007

BEFORE



TIC: I326708.D

(41) Tetrahydrofuran (T

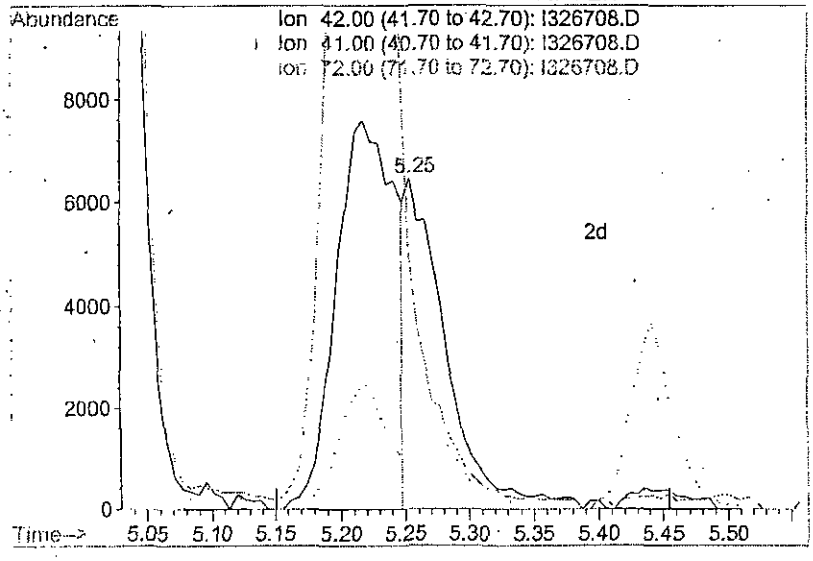
5.22min 10.72PPB

response 38235

Ion	Exp%	Act%
42.00	100	100
41.00	218.80	227.
72.00	30.60	27.5
0.00	0.00	0.00

3.27.07

AFTER



TIC: I326708.D

(41) Tetrahydrofuran (T

5.25min 3.96PPB m

response 14118

Ion	Exp%	Act%
42.00	100	100
41.00	218.80	616.
72.00	30.60	74.5
0.00	0.00	0.00

Propionitrile I326708.D

REASON FOR MANUAL INTEGRATION:

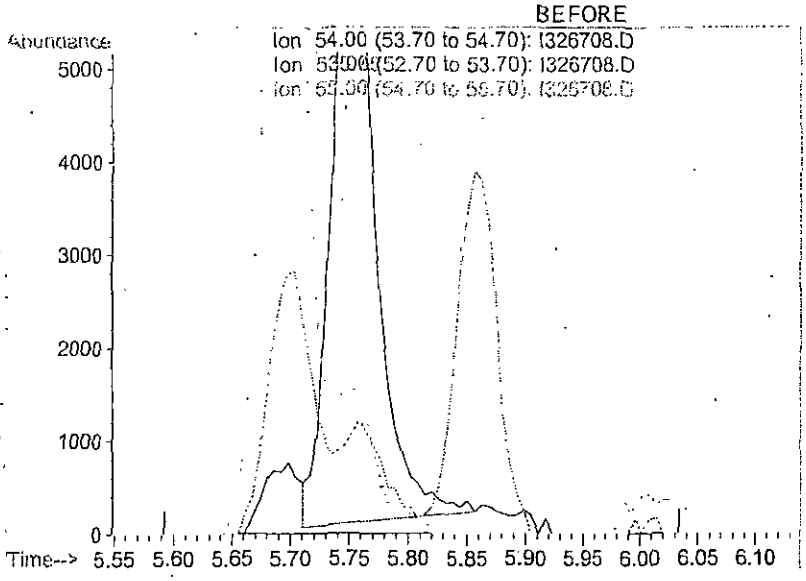
TAILING WRONG PEAK TWO PEAKS POOR INTEGRATION MISSED OTHER

ANALYST: BJP Tue Mar 27 12:07:36 2007

BJP

MAR 2 7 2007

BEFORE



TIC: I326708.D

(48) Propionitrile (T)

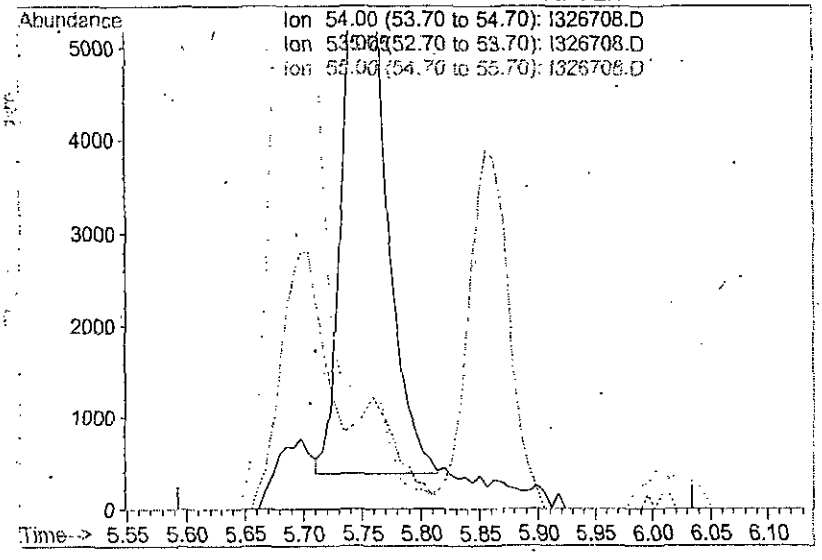
5.75min 64.03PPB

response 17538

Ion	Exp%	Act%
54.00	100	100
53.00	82.50	0.0(
55.00	108.20	0.0
0.00	0.00	0.00

QW 3.27.07

AFTER



TIC: I326708.D

(48) Propionitrile (T)

5.75min 56.98PPB m

response 15605

Ion	Exp%	Act%
54.00	100	100
53.00	82.50	0.0(
55.00	108.20	0.0
0.00	0.00	0.00

Cyclohexanone I326708.D

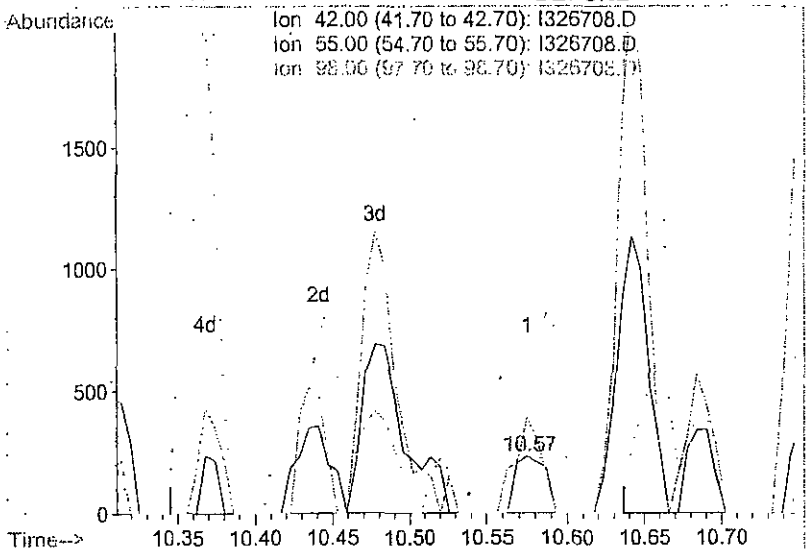
REASON FOR MANUAL INTEGRATION:

TAILING WRONG PEAK TWO PEAKS POOR INTEGRATION MISSED OTHER

ANALYST: BJP Tue Mar 27 13:10:20 2007

MAR 2 7 2007

BEFORE



TIC: I326708.D

(94) Cyclohexanone (T)

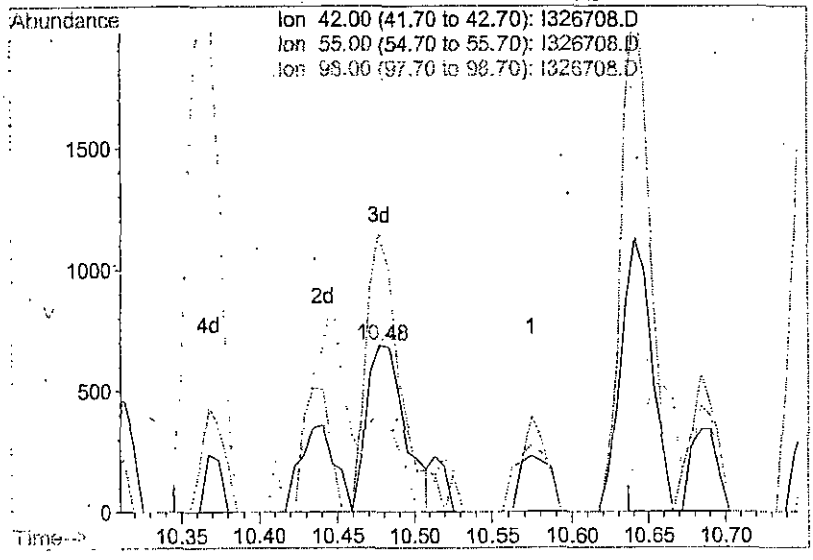
10.57min 10.39PPB

response 302

Ion	Exp%	Act%
42.00	100	100
55.00	179.90	150.
98.00	112.90	112.
0.00	0.00	0.00

DW 3-27-07

AFTER



TIC: I326708.D

(94) Cyclohexanone (T)

10.48min 41.54PPB m

response 1207

Ion	Exp%	Act%
42.00	100	100
55.00	179.90	37.(
98.00	112.90	28.(
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data File : H:\MSI.I\I032607.B\I326709.D
Acq On : 26 Mar 2007 6:57 pm
Sample : STD 20 PPB;ALL ANALYTES
Misc : 1,1, 07MSV0245,20uL/50mL
MS Integration Params: TAILA.P
Quant Time: Mar 27 12:49 19107

Vial: 9
Operator: BJP
Inst : MSI
Multiplr: 1.00

Quant Results File: I70326W.RES

BJP
MAR 27 2007

Quant Method : H:\MSI.I\METHODS\I70326W.M (RTE Integrator)
Title : EPA Method 8260B/624 Calibration Curve 15mL Water
Last Update : Tue Mar 27 11:56:43 2007
Response via : Initial Calibration
DataAcq Meth : I70326W

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
1) Fluorobenzene (IS)	6.17	96	547153	16.7000 PPB		-0.03
65) Chlorobenzene-d5 (IS)	9.35	119	104910	16.7000 PPB		-0.02
92) 1,4-Dichlorobenzene-d4 (IS	10.94	152	117043	16.7000 PPB		-0.02
System Monitoring Compounds						
42) Dibromofluoromethane (Surr	5.30	113	150803	20.1498 PPB		-0.03
Spiked Amount 16.700			Recovery = 120.66%			
50) 1,2-Dichloroethane-d4 (Sur	5.86	67	81448	19.6785 PPB		-0.04
Spiked Amount 16.700			Recovery = 117.84%			
64) Toluene-d8 (Surr)	7.98	98	667083	20.8070 PPB		0.00
Spiked Amount 16.700			Recovery = 124.61%			
91) 1,4-Bromofluorobenzene (Su	10.22	95	202917	20.1403 PPB		-0.01
Spiked Amount 16.700			Recovery = 120.60%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.48	85	282009	19.9296 PPB		99
3) Chloromethane (SPCC)	1.65	50	264195	19.7128 PPB		99
4) Vinyl chloride (CCC)	1.74	62	183104	19.9245 PPB		100
5) Bromomethane	2.06	94	91247	21.1151 PPB		99
6) Ethylene oxide	2.16	44	120872	250.0591 PPB		100
7) Chloroethane	2.19	64	155774	19.9997 PPB		99
8) Trichlorofluoromethane	2.34	101	300084	19.8422 PPB		98
9) Ethyl ether	2.66	59	106477	20.8009 PPB		99
10) Ethanol	2.83	45	9864	590.1489 PPB		89
11) 1,1-Dichloroethene (CCC)	2.85	96	166211	19.9748 PPB		97
12) Carbon disulfide	2.86	76	515719	20.5375 PPB		99
13) 1,1,2-Trichlorotrifluoroet	2.91	101	180303	19.4718 PPB		99
14) Propylene oxide	2.99	58	76495	101.0798 PPB	#	100
15) Iodomethane	2.99	142	164096	20.8634 PPB		100
16) Bromoethane	3.12	108	116504	19.7881 PPB		100
17) Acrolein	3.20	56	33897	101.6004 PPB		99
18) 3-Chloropropene	3.34	41	234546	20.8866 PPB		99
19) Methylene chloride	3.45	84	163351	19.5821 PPB	#	79
20) Acetone	3.51	43	12909	18.9124 PPB		99
21) trans-1,2-Dichloroethene	3.61	96	190749	19.9712 PPB		97
22) Methyl acetate	3.64	74	33527	49.0818 PPB	#	100
23) Hexane	3.71	86	78243	20.6810 PPB		96
24) Methyl tert-butyl ether (M	3.73	73	299438	21.0382 PPB		88
25) tert-Butyl alcohol	3.85	59	90690	528.3049 PPB	#	90
26) Acetonitrile	3.98	40	14907	91.7915 PPB	#	100
27) Isopropyl ether	4.13	45	521307	21.3706 PPB		99
28) 2-Chloro-1,3-butadiene	4.22	88	153321	21.4033 PPB		100
29) 1,1-Dichloroethane (SPCC)	4.24	63	357492	20.0281 PPB		100
30) Acrylonitrile	4.30	53	125882	103.0211 PPB	#	100
31) Vinyl acetate	4.53	43	163817	21.3408 PPB	#	98
32) cis-1,2-Dichloroethene	4.80	96	188594	19.9207 PPB		99
33) 2,2-Dichloropropane	4.91	77	272496	20.7839 PPB	#	98
34) Cyclohexane	5.01	56	485984m	17.5386 PPB		
35) Bromochloromethane	5.01	130	76151	19.6965 PPB		90
36) 2-Methylhexane	5.02	43	411087	20.8237 PPB	#	94
37) Chloroform (CCC)	5.10	83	300593	19.8226 PPB	#	95
38) Carbon tetrachloride	5.23	117	213155	20.3111 PPB		100
39) 3-Methylhexane	5.22	57	176680	20.7945 PPB		96
40) Ethyl acetate	5.25	43	313858m	62.3700 PPB		
41) Tetrahydrofuran	5.25	42	31348m	8.7068 PPB		

(#)=qualifier out of range (m)=manual integration (S)=analyte in sublist

Quantitation Report (QT Reviewed)

Data File : H:\MSI.I\I032607.B\I326709.D
Acq On : 26 Mar 2007 6:57 pm
Sample : STD 20 PPB;ALL ANALYTES
Misc : 1,1, 07MSV0245,20uL/50mL
MS Integration Params: TAILA.P
Quant Time: Mar 27 12:49 19107

Vial: 9
Operator: BJP
Inst : MSI
Multiplr: 1.00

Quant Results File: I70326W.RES

Quant Method : H:\MSI.I\METHODS\I70326W.M (RTE Integrator)
Title : EPA Method 8260B/624 Calibration Curve 15mL Water
Last Update : Tue Mar 27 11:56:43 2007
Response via : Initial Calibration
DataAcq Meth : I70326W

	Compound	R.T.	QIon	Response	Conc Unit		Qvalue
43)	1,1,1-Trichloroethane	5.30	97	266683	20.3187 PPB		100
44)	1,1-Dichloropropene	5.44	75	283732	20.4563 PPB		98
45)	2-Butanone (MEK)	5.44	43	23560	19.6823 PPB		95
46)	Benzene	5.71	78	830677	19.8993 PPB		99
47)	Heptane	5.69	57	173465	21.2284 PPB		98
48)	Propionitrile	5.75	54	33467m	120.9948 PPB		
49)	Methacrylonitrile	5.77	67	169914	110.0751 PPB	#	95
51)	1,2-Dichloroethane	5.93	62	175933	20.1766 PPB		100
52)	Isobutyl alcohol	6.01	43	34925	482.2209 PPB		97
53)	Methylcyclohexane	6.34	83	913145	50.6773 PPB		98
54)	Trichloroethene	6.36	130	193267	19.9698 PPB		98
55)	Dibromomethane	6.83	93	62190	20.5139 PPB		99
56)	n-Butanol	6.80	56	40241	1034.5337 ug/L	#	95
57)	1,2-Dichloropropane (CCC)	6.95	63	179884	20.4614 PPB		94
58)	Bromodichloromethane	7.04	83	192123	20.6734 PPB		100
59)	1,4-Dioxane	7.28	88	10045	558.6361 PPB		95
60)	Methyl methacrylate	7.25	69	49822	18.0211 PPB		94
61)	1-Bromo-2-chloroethane	7.59	63	166596	20.2127 PPB		93
62)	cis-1,3-Dichloropropene	7.78	75	248805	21.9671 PPB		99
63)	2-Chloroethyl vinyl ether	7.74	63	34886	20.3853 PPB		99
66)	Toluene (CCC)	8.04	91	823359	19.9421 PPB		99
67)	Epichlorohydrin	8.06	57	26972	103.5343 PPB		87
68)	2-Nitropropane	8.28	43	10365	18.9959 PPB	#	100
69)	Tetrachloroethene	8.40	164	161499	19.5673 PPB		100
70)	4-Methyl-2-pentanone (MIBK	8.43	43	47958	20.3813 PPB	#	89
71)	trans-1,3-Dichloropropene	8.45	75	182896	21.8237 PPB		99
72)	1,1,2-Trichloroethane	8.59	97	94785	20.0286 PPB		97
73)	4-Methyl-2-pentanol (MIBC)	8.54	45	22936	87.0998 PPB	#	100
74)	Ethyl methacrylate	8.62	69	107958	18.4141 PPB		99
75)	Dibromochloromethane	8.74	129	94314	21.2906 PPB		99
76)	1,3-Dichloropropane	8.82	76	190869	19.8981 PPB		99
77)	1,2-Dibromoethane (EDB)	8.93	107	82223	20.7137 PPB		99
78)	2-Hexanone	9.15	43	26289	18.7918 PPB		82
79)	Chlorobenzene (SPCC)	9.36	112	466386	19.6582 PPB		99
80)	1-Chlorohexane	9.35	55	183533	19.0047 PPB		98
81)	Ethylbenzene (CCC)	9.39	106	276579	20.0658 PPB		93
82)	1,1,1,2-Tetrachloroethane	9.41	131	134068	20.2152 PPB	#	1
83)	m&p-Xylene	9.50	106	696306	41.8387 PPB		99
84)	o-Xylene	9.81	106	313795	20.9843 PPB		98
85)	Bromoform (SPCC)	9.86	173	37359	20.3864 PPB		99
86)	Styrene	9.85	104	476932	22.7816 PPB		100
87)	Isopropylbenzene	10.03	105	805820	20.8929 PPB		98
88)	Bromobenzene	10.29	156	142134	20.3859 PPB		94
89)	n-Propylbenzene	10.31	120	213912	20.8043 PPB	#	89
90)	1,1,2,2-Tetrachloroethane	10.36	83	80164	20.4647 PPB		98
93)	2-Chlorotoluene	10.41	126	168270	20.1211 PPB		92
94)	Cyclohexanone	10.48	42	3026	100.2118 PPB	#	48
95)	1,2,3-Trichloropropane	10.45	110	26169	20.1974 PPB		94
96)	trans-1,4-Dichloro-2-buten	10.48	89	5351	19.6615 PPB	#	1
97)	3-Ethyltoluene	10.37	105	710320	21.0266 PPB	#	72
98)	4-Chlorotoluene	10.52	126	169339	20.2785 PPB	#	85
99)	1,3,5-Trimethylbenzene	10.44	105	619479	20.9747 PPB		57
100)	2-Ethyltoluene	10.57	105	698903	20.7485 PPB	#	4
101)	tert-Butylbenzene	10.64	91	340845	20.2371 PPB		89
102)	Pentachloroethane	10.66	167	51628	20.3891 PPB	#	1

(#)=qualifier out of range (m)=manual integration (S)=analyte in sublist

Quantitation Report (QT Reviewed)

Data File : H:\MSI.I\I032607.B\I326709.D Vial: 9
Acq On : 26 Mar 2007 6:57 pm Operator: BJP
Sample : STD 20 PPB;ALL ANALYTES Inst : MSI
Misc : 1,1, 07MSV0245,20uL/50mL Multiplr: 1.00
MS Integration Params: TAILA.P
Quant Time: Mar 27 12:49 19107 Quant Results File: I70326W.RES

Quant Method : H:\MSI.I\METHODS\I70326W.M (RTE Integrator)
Title : EPA Method 8260B/624 Calibration Curve 15mL Water
Last Update : Tue Mar 27 11:56:43 2007
Response via : Initial Calibration
DataAcq Meth : I70326W

Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
103) 1,2,4-Trimethylbenzene	10.68	105	588797	20.9937	PPB		81
104) sec-Butylbenzene	10.76	105	791871	20.6732	PPB	#	83
105) p-Isopropyltoluene	10.84	119	642827	21.3372	PPB		96
106) 1,3-Dichlorobenzene	10.90	146	271427	19.8089	PPB	#	34
107) 1,4-Dichlorobenzene	10.95	146	266421	19.4521	PPB	#	21
108) Benzyl chloride	11.10	126	20655	17.4817	PPB	#	1
109) n-Butylbenzene	11.10	134	151083	21.6367	PPB	#	62
110) 1,2-Dichlorobenzene	11.21	146	210617	19.9125	PPB		99
111) 1,3,5-Trichlorobenzene	11.70	180	407806	51.8072	PPB		99
112) 1,2-Dibromo-3-chloropropan	11.69	157	6604	18.3709	PPB	#	1
113) Hexachlorobutadiene	12.06	225	66442	20.2146	PPB		99
114) 1,2,4-Trichlorobenzene	12.10	180	98678	20.8460	PPB		100
115) Naphthalene	12.31	128	114905	17.5934	PPB		99
116) 1,2,3-Trichlorobenzene	12.44	180	66393	21.3102	PPB		100

(#)=qualifier out of range (m)=manual integration (S)=analyte in sublist

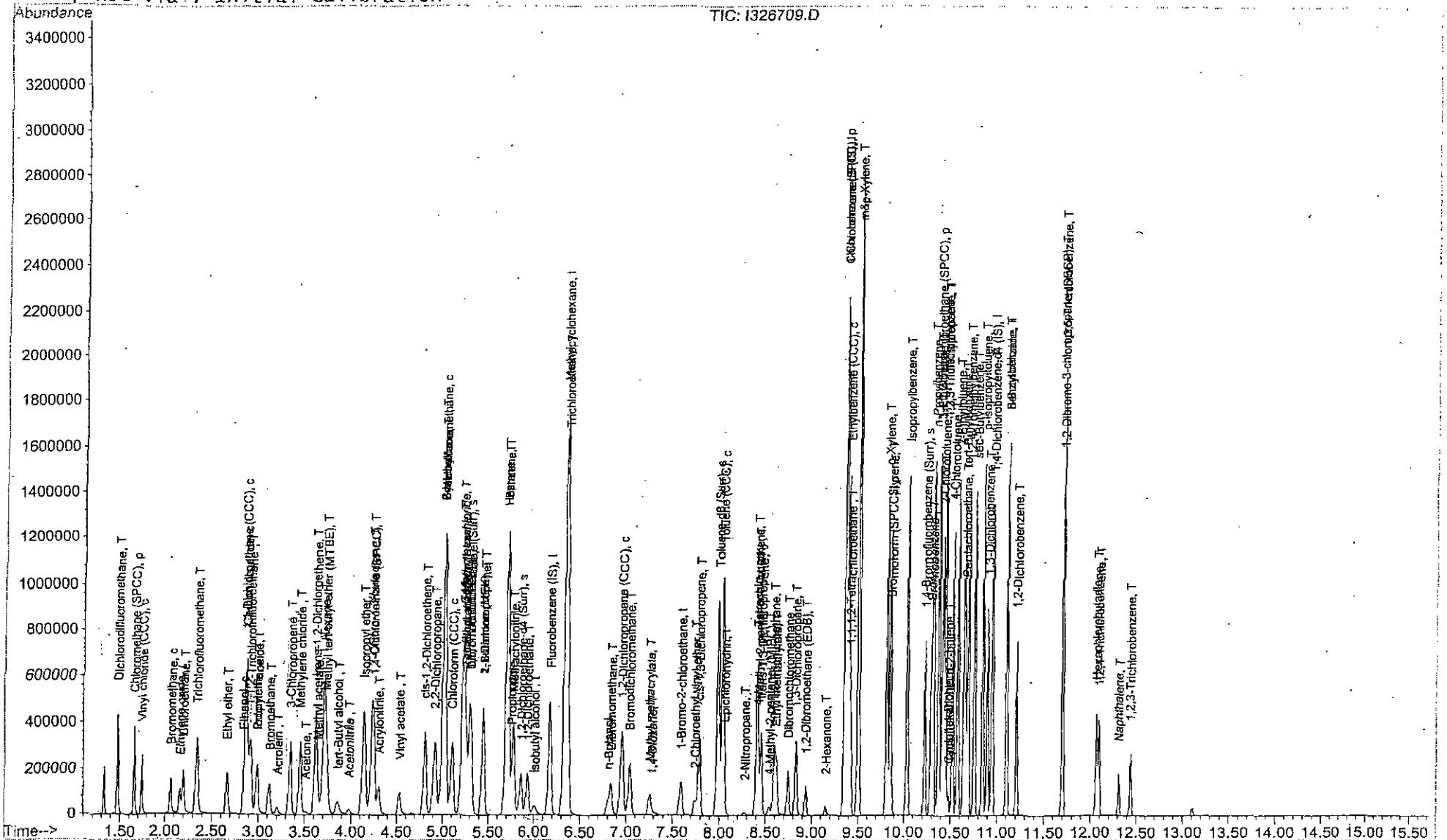
Quantitation Report

Data File : H:\MSI.I\I032607.B\I326709.D
Acq On : 26 Mar 2007 6:57 pm
Sample : STD 20 PPB;ALL ANALYTES
Misc : 1,1, 07MSV0245,20uL/50mL
MS Integration Params: TAILA.P
Quant Time: Mar 27 12:49 19107

Vial: 9
Operator: BJP
Inst : MSI
Multiplr: 1.00

Quant Results File: I70326W.RES

Method : H:\MSI.I\METHODS\I70326W.M (RTE Integrator)
Title : EPA Method 8260B/624 Calibration Curve 15mL Water
Last Update : Tue Mar 27 13:23:23 2007
Response via : Initial Calibration



Cyclohexane I326709.D

REASON FOR MANUAL INTEGRATION:

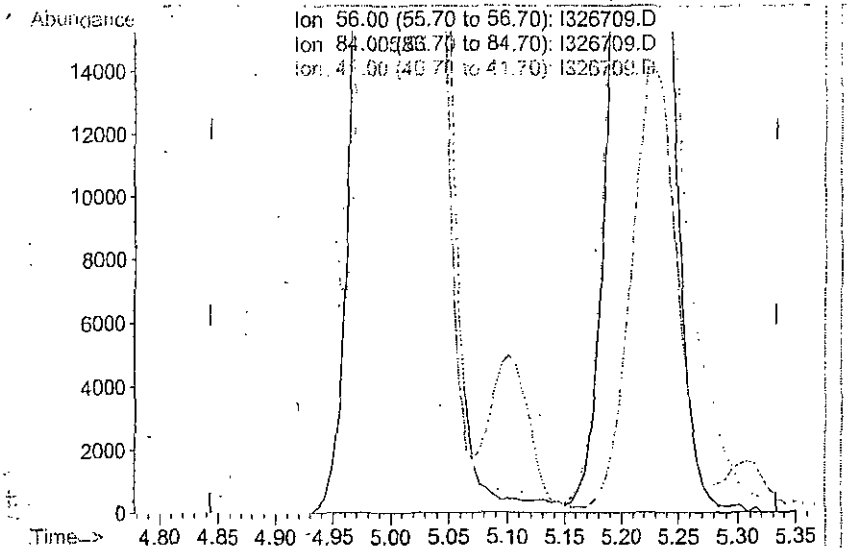
TAILING WRONG PEAK TWO PEAKS POOR INTEGRATION MISSED OTHER

ANALYST: BJP Tue Mar 27 12:09:28 2007

BJP

MAR 2 7 2007

BEFORE



TIC: I326709.D

(34) Cyclohexane (T)

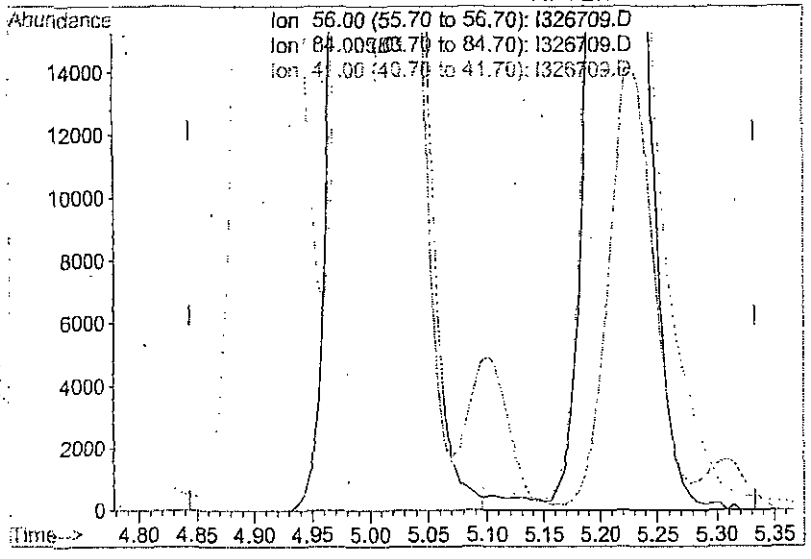
5.01min 22.56PPB

response 625157

Ion	Exp%	Act%
56.00	100	100
84.00	72.50	69.6
41.00	82.10	81.0
0.00	0.00	0.00

RW
3-27-07

AFTER



TIC: I326709.D

(34) Cyclohexane (T)

5.01min 17.54PPB m

response 485984

Ion	Exp%	Act%
56.00	100	100
84.00	72.50	89.5
41.00	82.10	104.1
0.00	0.00	0.00

Ethyl acetate I326709.D

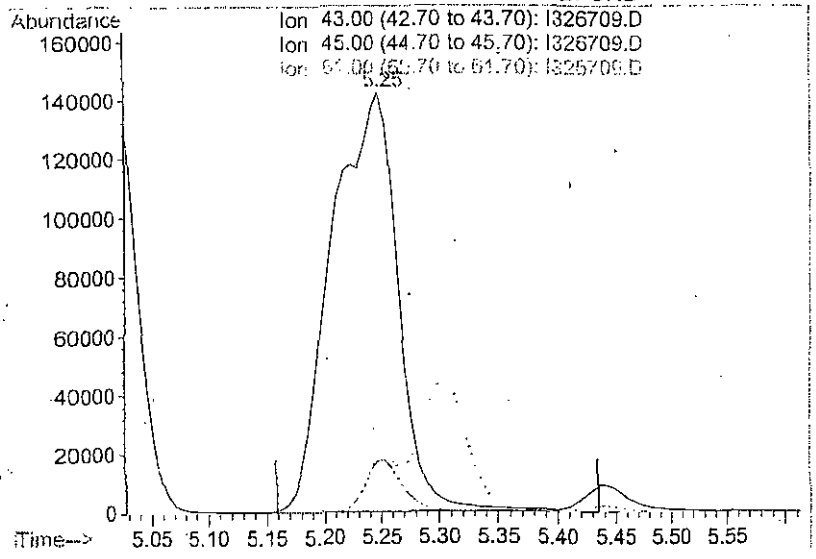
REASON FOR MANUAL INTEGRATION:

TAILING WRONG PEAK TWO PEAKS POOR INTEGRATION MISSED OTHER

ANALYST: BJP Tue Mar 27 12:10:24 2007

MAR 27 2007

BEFORE



TIC: I326709.D

(40) Ethyl acetate (T)

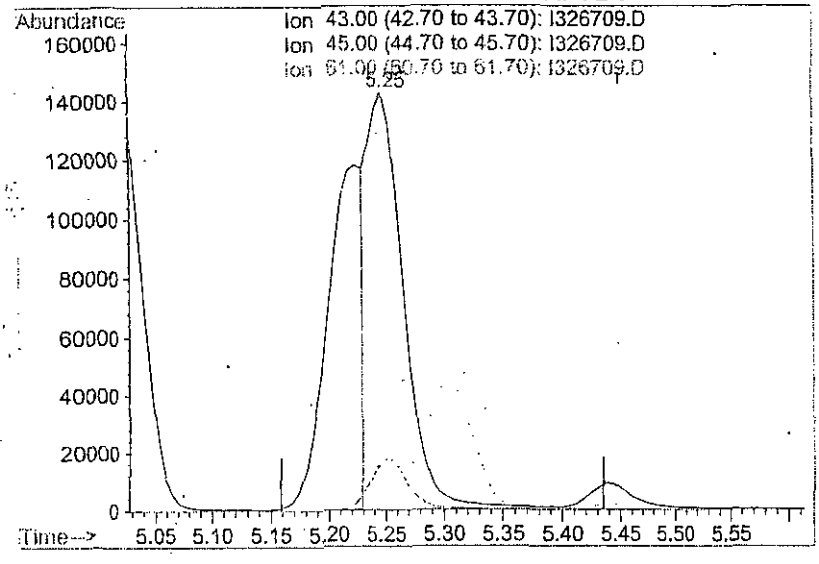
5.25min 113.07PPB

response 568972

Ion	Exp%	Act%
43.00	100	100
45.00	7.50	7.13
61.00	29.70	28.8
0.00	0.00	0.00

DW 3-27-07

AFTER



TIC: I326709.D

(40) Ethyl acetate (T)

5.25min 62.37PPB m

response 313858

Ion	Exp%	Act%
43.00	100	100
45.00	7.50	12.9
61.00	29.70	52.2
0.00	0.00	0.00

Tetrahydrofuran I326709.D

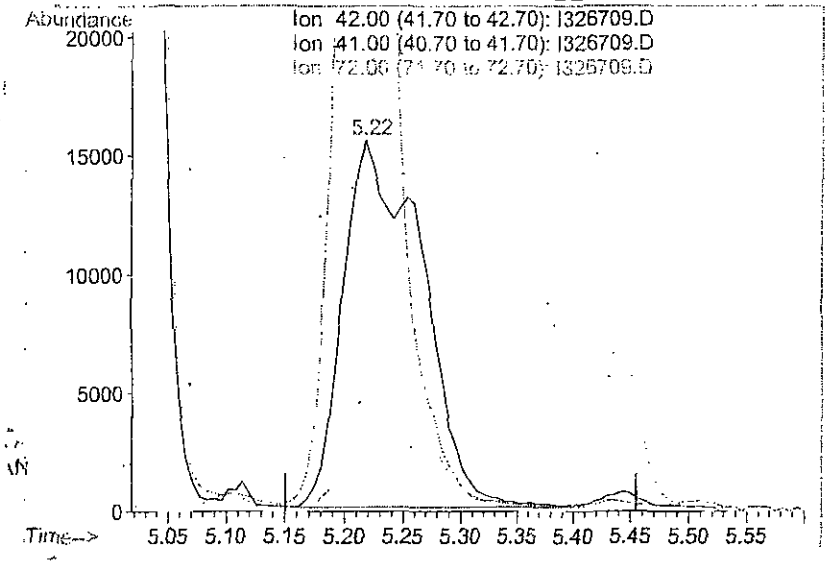
REASON FOR MANUAL INTEGRATION:

TAILING WRONG PEAK TWO PEAKS POOR INTEGRATION MISSED OTHER

ANALYST: BJP Tue Mar 27 13:03:29 2007

MAR 27 2007

BEFORE



TIC: I326709.D

(41) Tetrahydrofuran (T

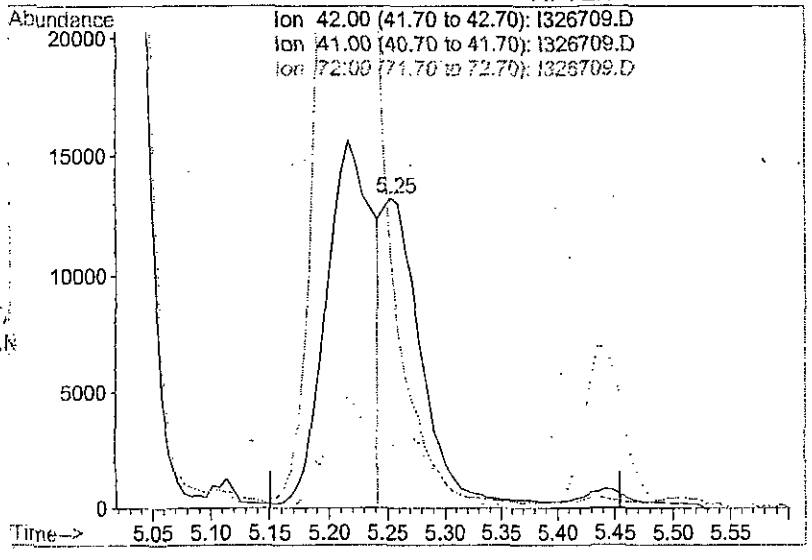
5.22min 20.30PPB

response 73082

Ion	Exp%	Act%
42.00	100	100
41.00	218.80	225.
72.00	30.60	28.6
0.00	0.00	0.00

3-27-07

AFTER



TIC: I326709.D

(41) Tetrahydrofuran (T

5.25min 8.71PPB m

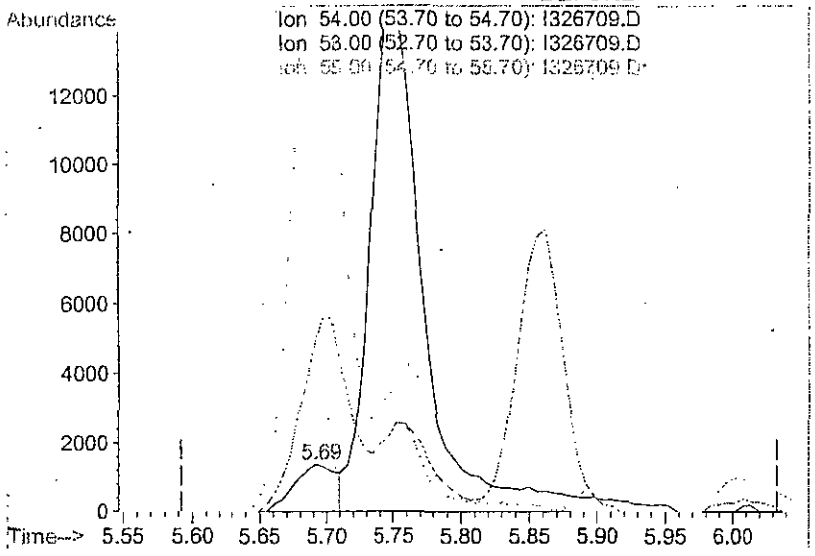
response 31348

Ion	Exp%	Act%
42.00	100	100
41.00	218.80	525.
72.00	30.60	66.8
0.00	0.00	0.00

Propionitrile I326709.D
REASON FOR MANUAL INTEGRATION:
TAILING WRONG PEAK TWO PEAKS POOR INTEGRATION MISSED OTHER
ANALYST: BJR Tue Mar 27 12:10:43 2007

Poor
MAR 27 2007

BEFORE



TIC: I326709.D

(48) Propionitrile (T)

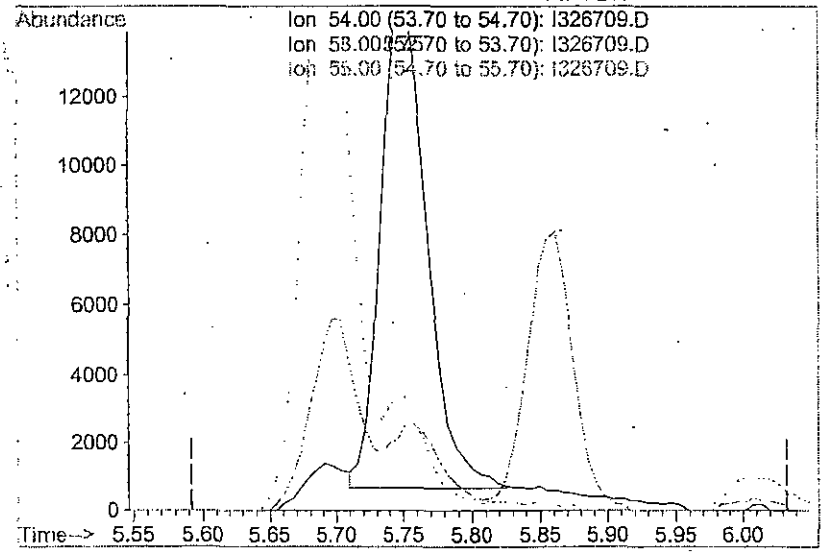
5.69min 11.01PPB

response 3046

Ion	Exp%	Act%
54.00	100	100
53.00	82.50	0.0(
55.00	108.20	176
0.00	0.00	0.00

DW
3-27-07

AFTER



TIC: I326709.D

(48) Propionitrile (T)

5.75min 120.99PPB m

response 33467

Ion	Exp%	Act%
54.00	100	100
53.00	82.50	0.0(
55.00	108.20	160.
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data File : H:\MSI.I\I032607.B\I326710.D
Acq On : 26 Mar 2007 7:25 pm
Sample : STD 50 PPB;ALL ANALYTES
Misc : 1,1, 07MSV0245,50uL/50mL
MS Integration Params: TAILA.P
Quant Time: Mar 27 13:02 19107

Vial: 10
Operator: BJP
Inst : MSI
Multiplr: 1.00

Quant Results File: I70326W.RES

BJP

MAR 27 2007

Quant Method : H:\MSI.I\METHODS\I70326W.M (RTE Integrator)
Title : EPA Method 8260B/624 Calibration Curve 15mL Water
Last Update : Tue Mar 27 11:56:43 2007
Response via : Initial Calibration
DataAcq Meth : I70326W

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
1) Fluorobenzene (IS)	6.17	96	555195	16.7000 PPB		-0.03
65) Chlorobenzene-d5 (IS)	9.35	119	107272	16.7000 PPB		-0.02
92) 1,4-Dichlorobenzene-d4 (IS	10.94	152	119765	16.7000 PPB		-0.02
System Monitoring Compounds						
42) Dibromofluoromethane (Surr	5.29	113	376013	49.5139 PPB		-0.04
Spiked Amount 16.700			Recovery = 296.47%			
50) 1,2-Dichloroethane-d4 (Sur	5.86	67	196872	46.8770 PPB		-0.04
Spiked Amount 16.700			Recovery = 280.72%			
64) Toluene-d8 (Surr)	7.98	98	1676645	51.5388 PPB		0.00
Spiked Amount 16.700			Recovery = 308.62%			
91) 1,4-Bromofluorobenzene (Su	10.22	95	515918	50.0794 PPB		-0.01
Spiked Amount 16.700			Recovery = 299.88%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.48	85	695683	48.4518 PPB		99
3) Chloromethane (SPCC)	1.65	50	672610	49.4595 PPB		100
4) Vinyl chloride (CCC)	1.74	62	458593	49.1790 PPB		100
5) Bromomethane	2.06	94	242171	55.2280 PPB		100
6) Ethylene oxide	2.16	44	304491	620.8042 PPB		99
7) Chloroethane	2.20	64	378864	47.9375 PPB		99
8) Trichlorofluoromethane	2.34	101	730221	47.5845 PPB		98
9) Ethyl ether	2.66	59	273343	52.6257 PPB		100
10) Ethanol	2.83	45	21736	1281.5968 PPB		97
11) 1,1-Dichloroethene (CCC)	2.85	96	417620	49.4615 PPB		99
12) Carbon disulfide	2.86	76	1321865	51.8783 PPB		100
13) 1,1,2-Trichlorotrifluoroet	2.91	101	452100	48.1173 PPB		100
14) Propylene oxide	2.99	58	203923	265.5588 PPB	#	99
15) Iodomethane	2.99	142	390206	48.8928 PPB		99
16) Bromoethane	3.12	108	293494	49.1277 PPB		100
17) Acrolein	3.20	56	95703	282.6982 PPB		99
18) 3-Chloropropene	3.34	41	577605	50.6915 PPB		99
19) Methylene chloride	3.45	84	411246	48.5849 PPB		98
20) Acetone	3.51	43	35093	50.6686 PPB		100
21) trans-1,2-Dichloroethene	3.62	96	463445	47.8194 PPB		98
22) Methyl acetate	3.64	74	88130	127.1489 PPB	#	100
23) Hexane	3.70	86	195213	50.8509 PPB		98
24) Methyl tert-butyl ether (M	3.73	73	790372	54.7263 PPB		96
25) tert-Butyl alcohol	3.86	59	245286	1408.1898 PPB	#	94
26) Acetonitrile	3.98	40	40006	242.7732 PPB	#	100
27) Isopropyl ether	4.13	45	1340458	54.1550 PPB		100
28) 2-Chloro-1,3-butadiene	4.22	88	399663	54.9840 PPB		100
29) 1,1-Dichloroethane (SPCC)	4.24	63	891717	49.2337 PPB		100
30) Acrylonitrile	4.30	53	329404	265.6774 PPB	#	99
31) Vinyl acetate	4.52	43	453864	58.2695 PPB	#	98
32) cis-1,2-Dichloroethene	4.80	96	462663	48.1620 PPB		99
33) 2,2-Dichloropropane	4.91	77	720180	54.1342 PPB	#	99
34) Cyclohexane	5.01	56	1185675m	42.1699 PPB		
35) Bromochloromethane	5.01	130	193874	49.4192 PPB		95
36) 2-Methylhexane	5.02	43	991401	49.4922 PPB	#	97
37) Chloroform (CCC)	5.10	83	754123	49.0104 PPB	#	99
38) Carbon tetrachloride	5.23	117	552172	51.8533 PPB		99
39) 3-Methylhexane	5.22	57	433850	50.3227 PPB		97
40) Ethyl acetate	5.25	43	892920m	174.8711 PPB		
41) Tetrahydrofuran	5.25	42	85186m	23.3173 PPB		

(#)=qualifier out of range (m)=manual integration (S)=analyte in sublist

Quantitation Report (QT Reviewed)

Data File : H:\MSI.I\I032607.B\I326710.D Vial: 10
Acq On : 26 Mar 2007 7:25 pm Operator: BJP
Sample : STD 50 PPB;ALL ANALYTES Inst : MSI
Misc : 1,1, 07MSV0245,50uL/50mL Multiplr: 1.00
MS Integration Params: TAILA.P
Quant Time: Mar 27 13:02 19107 Quant Results File: I70326W.RES

Quant Method : H:\MSI.I\METHODS\I70326W.M (RTE Integrator)
Title : EPA Method 8260B/624 Calibration Curve 15mL Water
Last Update : Tue Mar 27 11:56:43 2007
Response via : Initial Calibration
DataAcq Meth : I70326W

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
43)	1,1,1-Trichloroethane	5.31	97	677967	50.9064	PPB		100
44)	1,1-Dichloropropene	5.44	75	718844	51.0759	PPB		100
45)	2-Butanone (MEK)	5.44	43	63760	52.4942	PPB		97
46)	Benzene	5.71	78	2060562	48.6468	PPB		100
47)	Heptane	5.69	57	428613	51.6933	PPB		99
48)	Propionitrile	5.75	54	85005m	302.8710	PPB		
49)	Methacrylonitrile	5.77	67	444355	283.6961	PPB	#	99
51)	1,2-Dichloroethane	5.94	62	438143	49.5198	PPB		100
52)	Isobutyl alcohol	6.00	43	101844	1145.0030	PPB		99
53)	Methylcyclohexane	6.34	83	2245628	122.8217	PPB		99
54)	Trichloroethene	6.36	130	489109	49.8064	PPB		99
55)	Dibromomethane	6.84	93	155085	50.4150	PPB		99
56)	n-Butanol	6.80	56	122818	2498.3738	ug/L	#	98
57)	1,2-Dichloropropane (CCC)	6.95	63	458352	51.3814	PPB		100
58)	Bromodichloromethane	7.04	83	511084	54.1985	PPB		100
59)	1,4-Dioxane	7.29	88	25092	1375.2370	PPB		99
60)	Methyl methacrylate	7.25	69	149950	48.3666	PPB		100
61)	1-Bromo-2-chloroethane	7.59	63	434003	51.8939	PPB		93
62)	cis-1,3-Dichloropropene	7.78	75	671687	58.4445	PPB		99
63)	2-Chloroethyl vinyl ether	7.74	63	101291	58.3311	PPB		99
66)	Toluene (CCC)	8.03	91	2070319	49.0398	PPB		100
67)	Epichlorohydrin	8.06	57	72917	273.7349	PPB		94
68)	2-Nitropropane	8.28	43	33859	60.6869	PPB		100
69)	Tetrachloroethene	8.40	164	416398	49.3401	PPB		100
70)	4-Methyl-2-pentanone (MIBK	8.43	43	139758	58.0870	PPB	#	99
71)	trans-1,3-Dichloropropene	8.45	75	502750	58.6688	PPB		99
72)	1,1,2-Trichloroethane	8.59	97	242555	50.1248	PPB		99
73)	4-Methyl-2-pentanol (MIBC)	8.54	45	82818	307.5775	PPB	#	100
74)	Ethyl methacrylate	8.62	69	313092	47.1927	PPB		99
75)	Dibromochloromethane	8.74	129	256299	56.5834	PPB		100
76)	1,3-Dichloropropane	8.82	76	491922	50.1538	PPB		100
77)	1,2-Dibromoethane (EDB)	8.93	107	214552	52.8601	PPB		99
78)	2-Hexanone	9.15	43	81720	46.2913	PPB		93
79)	Chlorobenzene (SPCC)	9.36	112	1161609	47.8839	PPB		99
80)	1-Chlorohexane	9.35	55	431629	43.7107	PPB		99
81)	Ethylbenzene (CCC)	9.39	106	701022	49.7392	PPB		98
82)	1,1,1,2-Tetrachloroethane	9.41	131	349136	51.4846	PPB	#	74
83)	m&p-Xylene	9.50	106	1680895	98.7755	PPB		100
84)	o-Xylene	9.81	106	798647	52.2316	PPB		100
85)	Bromoform (SPCC)	9.86	173	107113	57.1634	PPB		100
86)	Styrene	9.85	104	1234814	57.6846	PPB		100
87)	Isopropylbenzene	10.03	105	2008441	50.9273	PPB		99
88)	Bromobenzene	10.29	156	366016	51.3407	PPB		97
89)	n-Propylbenzene	10.31	120	542043	51.5563	PPB		95
90)	1,1,2,2-Tetrachloroethane	10.36	83	205025	51.1875	PPB		99
93)	2-Chlorotoluene	10.41	126	421558	49.2627	PPB		94
94)	Cyclohexanone	10.48	42	8704m	281.6983	PPB		
95)	1,2,3-Trichloropropane	10.45	110	65997	49.7793	PPB	#	75
96)	trans-1,4-Dichloro-2-buten	10.48	89	17209	50.3558	PPB	#	1
97)	3-Ethyltoluene	10.37	105	1766291	51.0966	PPB	#	73
98)	4-Chlorotoluene	10.52	126	426997	49.9710	PPB		88
99)	1,3,5-Trimethylbenzene	10.44	105	1529541	50.6110	PPB		55
100)	2-Ethyltoluene	10.58	105	1733247	50.2858	PPB	#	4
101)	tert-Butylbenzene	10.64	91	851627	49.4146	PPB		86
102)	Pentachloroethane	10.66	167	141455	54.5941	PPB	#	1

(#)=qualifier out of range (m)=manual integration (S)=analyte in sublist

Quantitation Report (QT Reviewed)

Data File : H:\MSI.I\I032607.B\I326710.D Vial: 10
Acq On : 26 Mar 2007 7:25 pm Operator: BJP
Sample : STD 50 PPB;ALL ANALYTES Inst : MSI
Misc : 1,1, 07MSV0245,50uL/50mL Multiplr: 1.00
MS Integration Params: TAILA.P
Quant Time: Mar 27 13:02 19107 Quant Results File: I70326W.RES

Quant Method : H:\MSI.I\METHODS\I70326W.M (RTE Integrator)
Title : EPA Method 8260B/624 Calibration Curve 15mL Water
Last Update : Tue Mar 27 11:56:43 2007
Response via : Initial Calibration
DataAcq Meth : I70326W

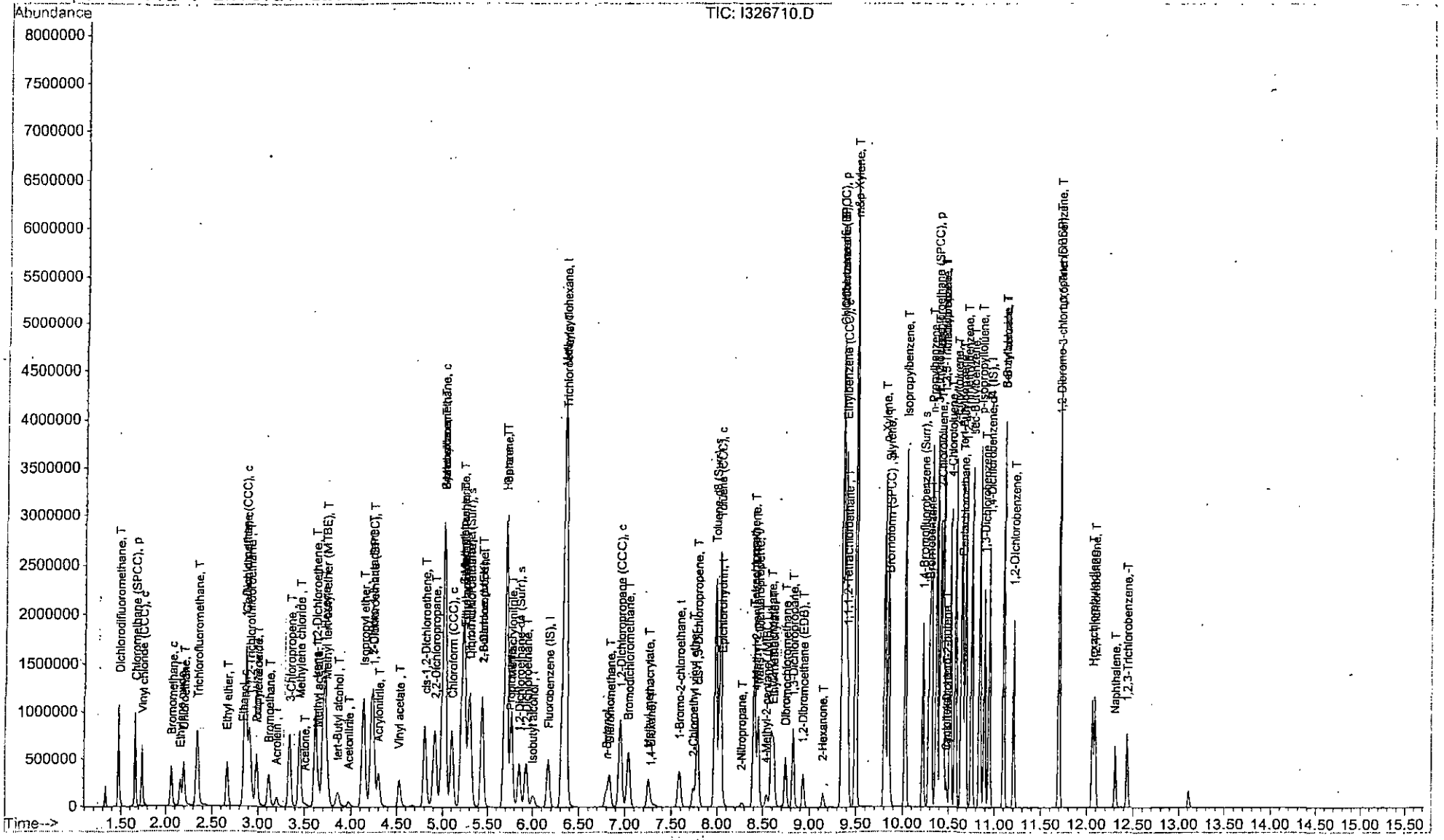
	Compound	R.T.	QIon	Response	Conc Unit		Qvalue
103)	1,2,4-Trimethylbenzene	10.69	105	1473421	51.3412 PPB		80
104)	sec-Butylbenzene	10.76	105	1931802	49.2869 PPB		99
105)	p-Isopropyltoluene	10.84	119	1604492	52.0470 PPB		85
106)	1,3-Dichlorobenzene	10.90	146	687662	49.0453 PPB	#	50
107)	1,4-Dichlorobenzene	10.95	146	676288	48.2553 PPB	#	46
108)	Benzyl chloride	11.10	126	68173	47.3500 PPB	#	1
109)	n-Butylbenzene	11.10	134	383923	53.7323 PPB	#	62
110)	1,2-Dichlorobenzene	11.21	146	539616	49.8578 PPB		100
111)	1,3,5-Trichlorobenzene	11.70	180	1056887	131.2140 PPB		99
112)	1,2-Dibromo-3-chloropropan	11.69	157	20567	46.4056 PPB	#	42
113)	Hexachlorobutadiene	12.07	225	169258	50.3253 PPB		99
114)	1,2,4-Trichlorobenzene	12.10	180	276523	57.0887 PPB		99
115)	Naphthalene	12.31	128	384378	49.9388 PPB		100
116)	1,2,3-Trichlorobenzene	12.44	180	192013	60.2297 PPB		100

(#)=qualifier out of range (m)=manual integration (S)=analyte in sublist

Quantitation Report

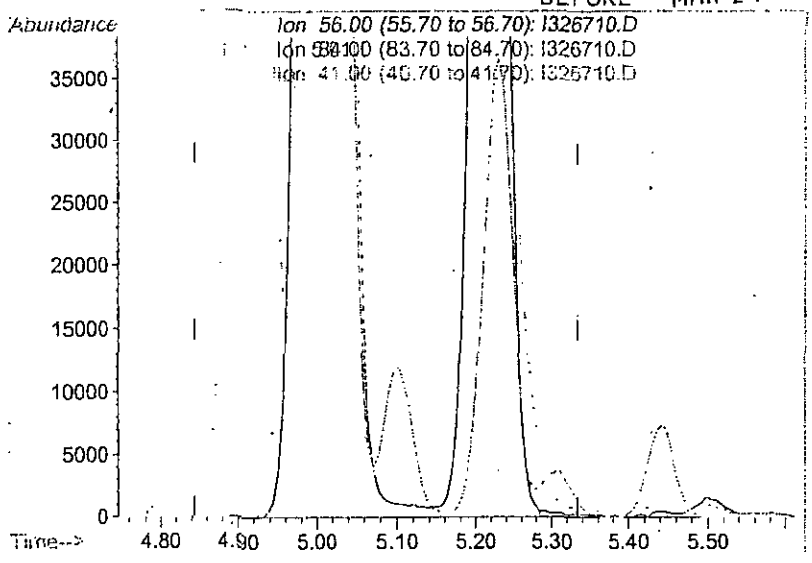
Data File : H:\MSI.I\I032607B\I326710.D Vial: 10
Acq On : 26 Mar 2007 7:25 pm Operator: BJP
Sample : STD 50 PPB;ALL ANALYTES Inst : MSI
Misc : 1,1, 07MSV0245,50uL/50mL Multiplr: 1.00
MS Integration Params: TAILA.P
Quant Time: Mar 27 13:02 19107 Quant Results File: I70326W.RES

Method : H:\MSI.I\METHODS\I70326W.M (RTE Integrator)
Title : EPA Method 8260B/624 Calibration Curve 15mL Water
Last Update : Tue Mar 27 13:23:23 2007
Response via : Initial Calibration



Cyclohexane I326710.D
REASON FOR MANUAL INTEGRATION:
TAILING WRONG PEAK TWO PEAKS POOR INTEGRATION MISSED OTHER
ANALYST: BJP Tue Mar 27 12:22:01 2007

BEFORE MAR 2 7 2007



TIC: I326710.D

(34) Cyclohexane (T)

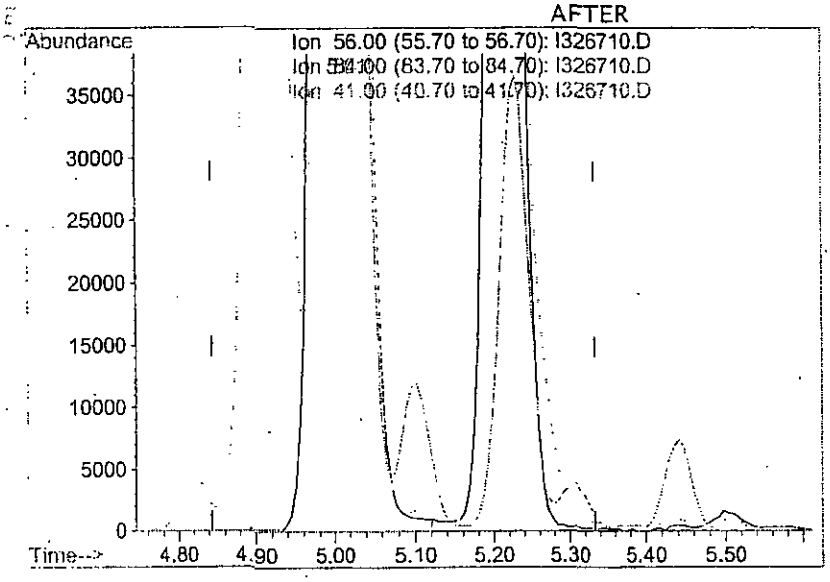
5.01min 54.24PPB

response 1525054

Ion	Exp%	Act%
56.00	100	100
84.00	72.50	71.0
41.00	82.10	80.9
0.00	0.00	0.00

3-27-07

AFTER



TIC: I326710.D

(34) Cyclohexane (T)

5.01min 42.17PPB m

response 1185675

Ion	Exp%	Act%
56.00	100	100
84.00	72.50	91.3
41.00	82.10	104.(
0.00	0.00	0.00

Ethyl acetate I326710.D

REASON FOR MANUAL INTEGRATION:

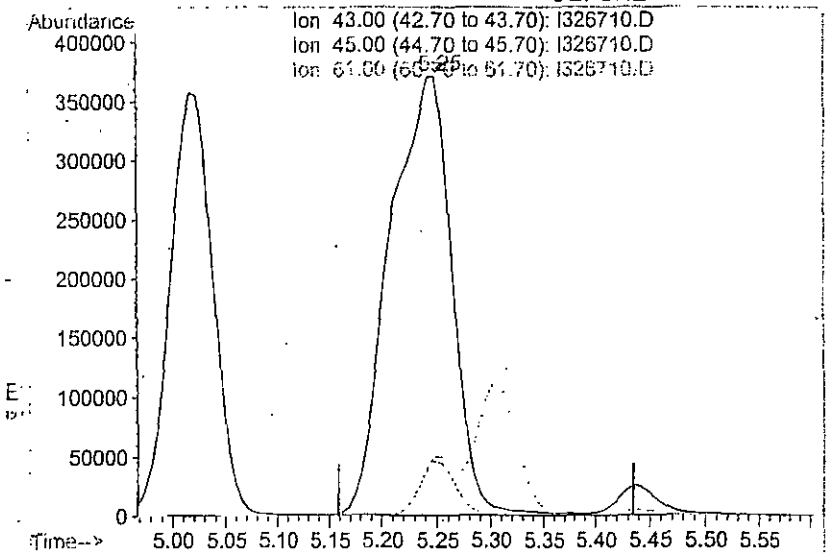
TAILING WRONG PEAK TWO PEAKS POOR INTEGRATION MISSED OTHER

ANALYST: BJP Tue Mar 27 12:12:38 2007

BJP

MAR 27 2007

BEFORE



TIC: I326710.D

(40) Ethyl acetate (T)

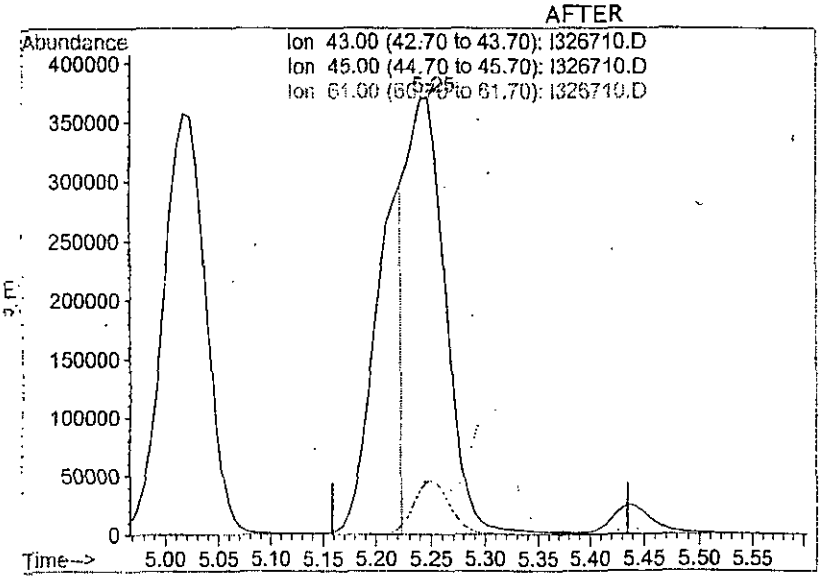
5.25min 279.78PPB

response 1428593

Ion	Exp%	Act%
43.00	100	100
45.00	7.50	7.38
61.00	29.70	29.0
0.00	0.00	0.00

DW 3-27-07

AFTER



TIC: I326710.D

(40) Ethyl acetate (T)

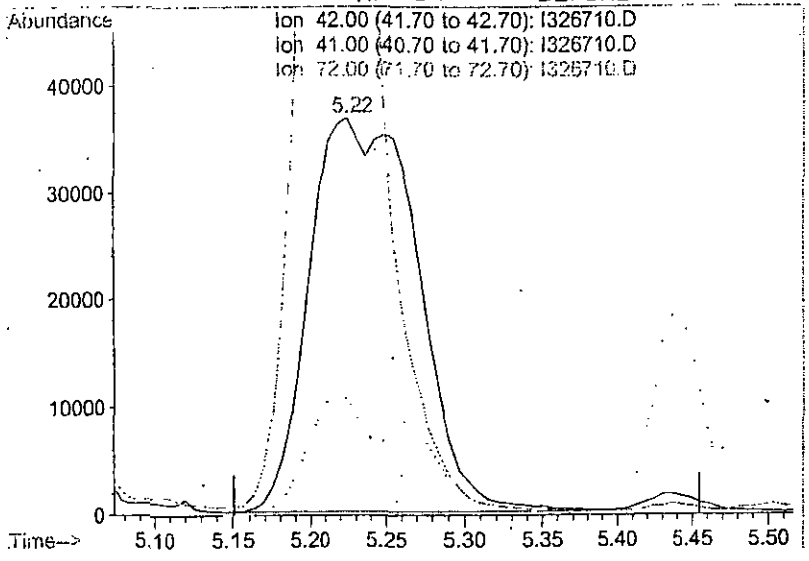
5.25min 174.87PPB m

response 892920

Ion	Exp%	Act%
43.00	100	100
45.00	7.50	11.8(
61.00	29.70	46.4
0.00	0.00	0.00

Tetrahydrofuran I326710.D
REASON FOR MANUAL INTEGRATION:
TAILING WRONG PEAK TWO PEAKS POOR INTEGRATION MISSED OTHER
ANALYST: BJP Tue Mar 27 13:03:51 2007

MAR 2 7 2007 BEFORE



TIC: I326710.D

(41) Tetrahydrofuran (T

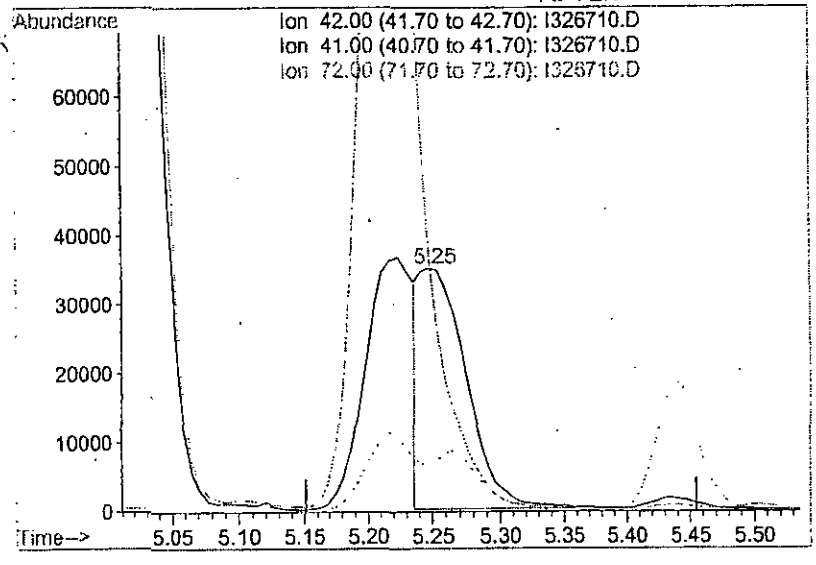
5.22min 49.47PPB

response 180746

Ion	Exp%	Act%
42.00	100	100
41.00	218.80	222.
72.00	30.60	29.5
0.00	0.00	0.00

DW 3-27-07

AFTER



TIC: I326710.D

(41) Tetrahydrofuran (T

5.25min 23.32PPB m

response 85186

Ion	Exp%	Act%
42.00	100	100
41.00	218.80	471.
72.00	30.60	62.7
0.00	0.00	0.00

Propionitrile I326710.D

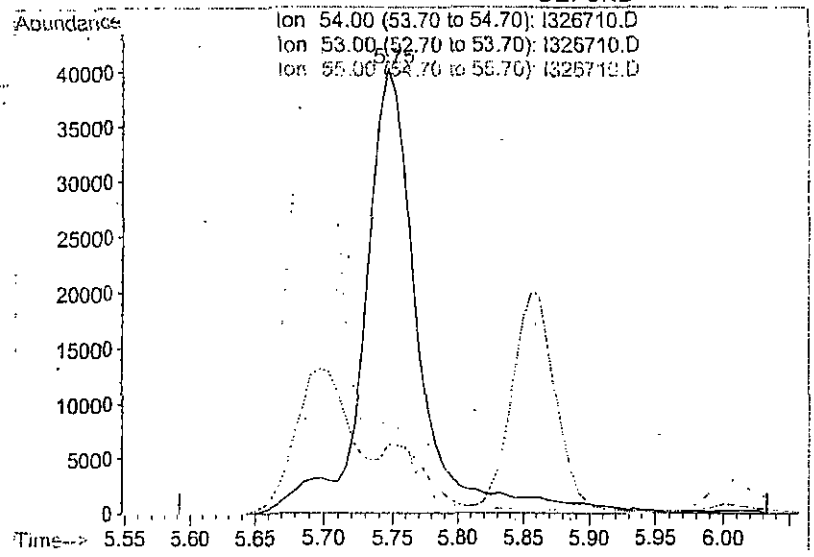
REASON FOR MANUAL INTEGRATION:

TAILING WRONG PEAK TWO PEAKS POOR INTEGRATION MISSED OTHER

ANALYST: BJP Tue Mar 27 12:22:40 2007

BJP MAR 27 2007

BEFORE



TIC: I326710.D

(48) Propionitrile (T)

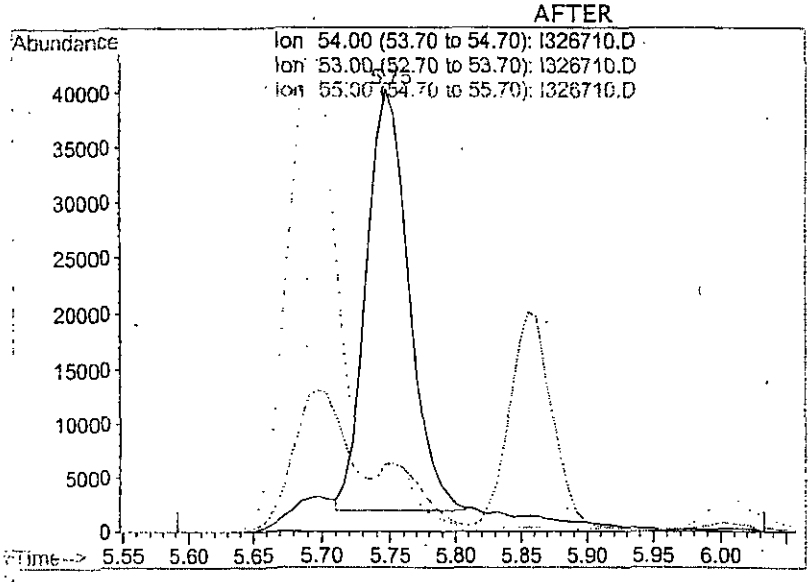
5.75min 400.39PPB

response 112374

Ion	Exp%	Act%
54.00	100	100
53.00	82.50	0.0(
55.00	108.20	116.
0.00	0.00	0.00

QA 3-27-07

AFTER



TIC: I326710.D

(48) Propionitrile (T)

5.75min 302.87PPB m

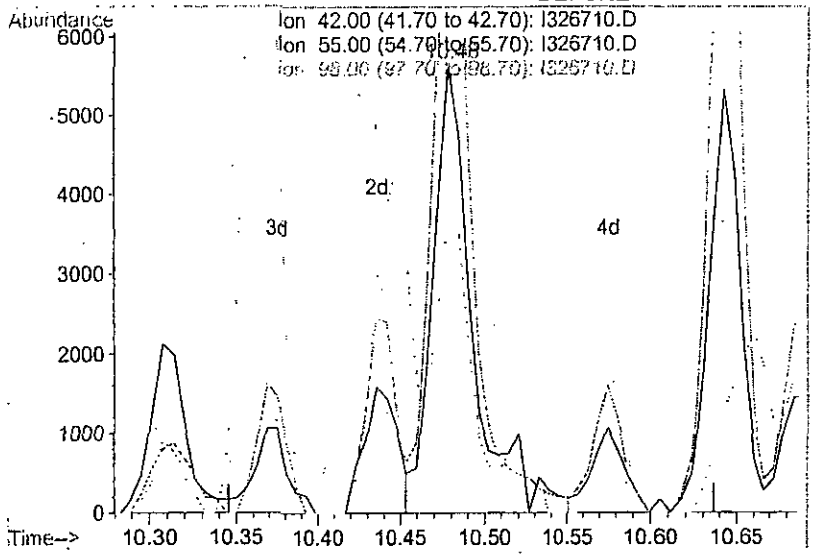
response 85005

Ion	Exp%	Act%
54.00	100	100
53.00	82.50	0.0(
55.00	108.20	153.
0.00	0.00	0.00

Cyclohexanone I326710.D
REASON FOR MANUAL INTEGRATION:
TAILING WRONG PEAK TWO PEAKS POOR INTEGRATION MISSED OTHER
ANALYST: BJP Tue Mar 27 13:11:33 2007

BJP
MAR 2 7 2007

BEFORE



TIC: I326710.D

(94) Cyclohexanone (T)

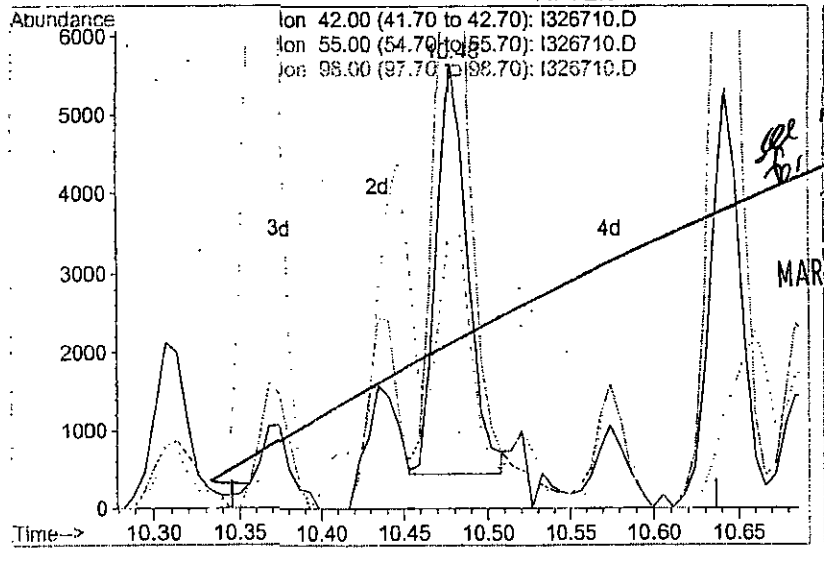
10.48min 295.03PPB

response 9116

Ion	Exp%	Act%
42.00	100	100
55.00	179.90	201.
98.00	112.90	0.0
0.00	0.00	0.00

DW 3-27-07

AFTER



see next for final. BJP

MAR 2 7 2007

TIC: I326710.D

(94) Cyclohexanone (T)

10.48min 213.67PPB m

response 6602

Ion	Exp%	Act%
42.00	100	100
55.00	179.90	278.
98.00	112.90	0.0
0.00	0.00	0.00

Cyclohexanone I326710.D

REASON FOR MANUAL INTEGRATION:

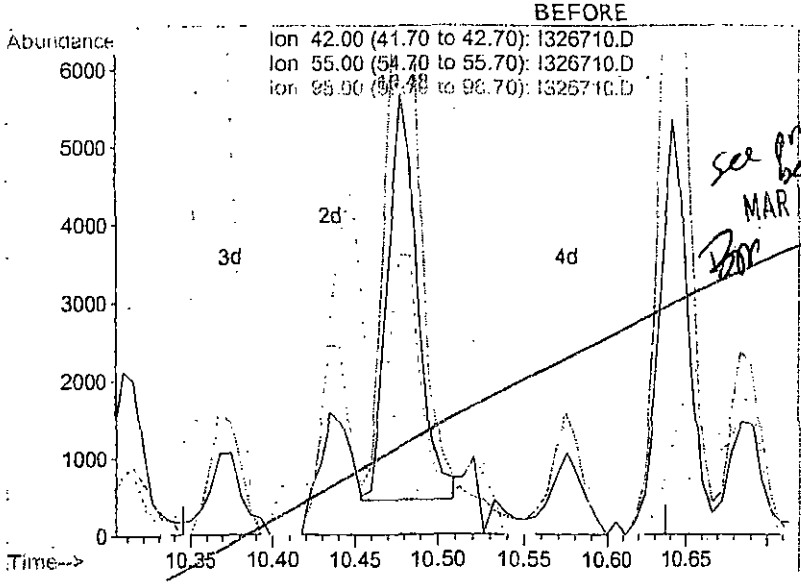
TAILING WRONG PEAK TWO PEAKS POOR INTEGRATION MISSED OTHER

ANALYST: BJP Tue Mar 27 13:17:34 2007

BJP

MAR 2 7 2007

BEFORE



TIC: I326710.D

(94) Cyclohexanone (T)

10.48min 213.67PPB m

response 6602

Ion	Exp%	Act%
42.00	100	100
55.00	179.90	278.
98.00	112.90	0.0
0.00	0.00	0.00

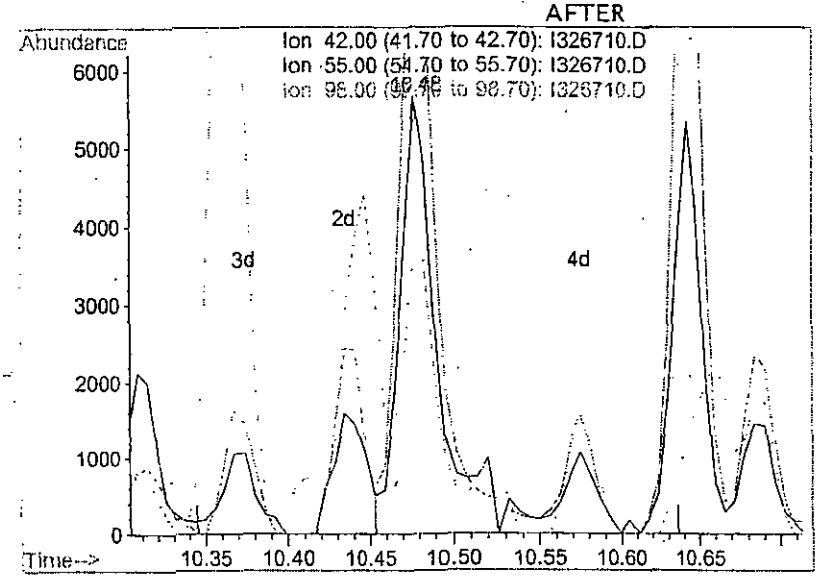
see previous for beginning

MAR 2 7 2007

BJP

DW 3.27.07

AFTER



TIC: I326710.D

(94) Cyclohexanone (T)

10.48min 281.70PPB m

response 8704

Ion	Exp%	Act%
42.00	100	100
55.00	179.90	211.
98.00	112.90	0.0
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data File : H:\MSI.I\I032607.B\I326711.D Vial: 11
Acq On : 26 Mar 2007 7:52 pm Operator: BJP
Sample : STD 100 PPB;ALL ANALYTES Inst : MSI
Misc : 1,1, 07MSV0245,100uL/50mL Multiplr: 1.00
MS Integration Params: TAILA.P
Quant Time: Mar 27 12:51 19107 Quant Results File: I70326W.RES

MAR 27 2007

Quant Method : H:\MSI.I\METHODS\I70326W.M (RTE Integrator)
Title : EPA Method 8260B/624 Calibration Curve 15mL Water
Last Update : Tue Mar 27 11:56:43 2007
Response via : Initial Calibration
DataAcq Meth : I70326W

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
1) Fluorobenzene (IS)	6.17	96	573189	16.7000 PPB		-0.03
65) Chlorobenzene-d5 (IS)	9.35	119	106220	16.7000 PPB		-0.02
92) 1,4-Dichlorobenzene-d4 (IS	10.94	152	120162	16.7000 PPB		-0.02
System Monitoring Compounds						
42) Dibromofluoromethane (Surr	5.30	113	744498	94.9589 PPB		-0.03
Spiked Amount 16.700			Recovery = 568.62%			
50) 1,2-Dichloroethane-d4 (Sur	5.86	67	400453	92.3580 PPB		-0.03
Spiked Amount 16.700			Recovery = 553.05%			
64) Toluene-d8 (Surr)	7.98	98	3327645	99.0781 PPB		0.00
Spiked Amount 16.700			Recovery = 593.29%			
91) 1,4-Bromofluorobenzene (Su	10.22	95	1023400	100.3238 PPB		-0.02
Spiked Amount 16.700			Recovery = 600.72%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.48	85	1394551	94.0763 PPB		100
3) Chloromethane (SPCC)	1.65	50	1394575	99.3289 PPB		100
4) Vinyl chloride (CCC)	1.74	62	931572	96.7646 PPB		100
5) Bromomethane	2.06	94	473118	104.5092 PPB		100
6) Ethylene oxide	2.16	44	568838	1123.3536 PPB		100
7) Chloroethane	2.19	64	612714	75.0926 PPB		100
8) Trichlorofluoromethane	2.34	101	1416030	89.3782 PPB		100
9) Ethyl ether	2.66	59	552432	103.0188 PPB		100
10) Ethanol	2.83	45	49829	2845.7823 PPB		100
11) 1,1-Dichloroethene (CCC)	2.86	96	832328	95.4835 PPB		100
12) Carbon disulfide	2.87	76	2664576	101.2917 PPB		100
13) 1,1,2-Trichlorotrifluoroet	2.91	101	909060	93.7145 PPB		100
14) Propylene oxide	2.98	58	424307	535.2077 PPB	#	100
15) Iodomethane	2.98	142	719109	87.2757 PPB		100
16) Bromoethane	3.12	108	584045	94.6937 PPB		100
17) Acrolein	3.20	56	210307	601.7262 PPB		100
18) 3-Chloropropene	3.34	41	1093650	92.9672 PPB		100
19) Methylene chloride	3.45	84	831400	95.1388 PPB		100
20) Acetone	3.51	43	81285	113.6780 PPB		100
21) trans-1,2-Dichloroethene	3.62	96	918844	91.8323 PPB		100
22) Methyl acetate	3.64	74	184885	258.3677 PPB	#	100
23) Hexane	3.70	86	394742	99.5980 PPB		100
24) Methyl tert-butyl ether (M	3.73	73	1651518	110.7631 PPB		100
25) tert-Butyl alcohol	3.85	59	579828	3224.2992 PPB	#	100
26) Acetonitrile	3.98	40	86391	507.7990 PPB	#	100
27) Isopropyl ether	4.13	45	2697384	105.5543 PPB		100
28) 2-Chloro-1,3-butadiene	4.22	88	820743	109.3697 PPB		100
29) 1,1-Dichloroethane (SPCC)	4.24	63	1744591	93.2990 PPB		100
30) Acrylonitrile	4.30	53	681184	532.1547 PPB	#	100
31) Vinyl acetate	4.52	43	957308	119.0461 PPB	#	100
32) cis-1,2-Dichloroethene	4.81	96	922301	92.9952 PPB		100
33) 2,2-Dichloropropane	4.91	77	1488400	108.3672 PPB	#	100
34) Cyclohexane	5.01	56	2279933m	78.5429 PPB		
35) Bromochloromethane	5.01	130	390635	96.4485 PPB		100
36) 2-Methylhexane	5.02	43	1874449	90.6377 PPB	#	100
37) Chloroform (CCC)	5.10	83	1495782	94.1590 PPB	#	100
38) Carbon tetrachloride	5.23	117	1111805	101.1296 PPB		100
39) 3-Methylhexane	5.22	57	838995	94.2608 PPB		100
40) Ethyl acetate	5.25	43	2224369m	421.9491 PPB		
41) Tetrahydrofuran	5.25	42	150530m	39.9099 PPB		

(#)=qualifier out of range (m)=manual integration (S)=analyte in sublist

Quantitation Report (QT Reviewed)

Data File : H:\MSI.I\I032607.B\I326711.D
Acq On : 26 Mar 2007 7:52 pm
Sample : STD 100 PPB;ALL ANALYTES
Misc : 1,1, 07MSV0245,100uL/50mL
MS Integration Params: TAILA.P
Quant Time: Mar 27 12:51 19107

Vial: 11
Operator: BJP
Inst : MSI
Multiplr: 1.00
Quant Results File: I70326W.RES

Quant Method : H:\MSI.I\METHODS\I70326W.M (RTE Integrator)
Title : EPA Method 8260B/624 Calibration Curve 15mL Water
Last Update : Tue Mar 27 11:56:43 2007
Response via : Initial Calibration
DataAcq Meth : I70326W

	Compound	R.T.	QIon	Response	Conc Unit		Qvalue
43)	1,1,1-Trichloroethane	5.31	97	1365936	99.3441 PPB		100
44)	1,1-Dichloropropene	5.44	75	1447333	99.6088 PPB		100
45)	2-Butanone (MEK)	5.44	43	133002	106.0643 PPB		100
46)	Benzene	5.71	78	4012258	91.7498 PPB		100
47)	Heptane	5.69	57	829117	96.8572 PPB		100
48)	Propionitrile	5.75	54	185391m	639.8079 PPB		
49)	Methacrylonitrile	5.77	67	894562	553.1991 PPB	#	100
51)	1,2-Dichloroethane	5.93	62	857306	93.8527 PPB		100
52)	Isobutyl alcohol	6.00	43	250655	2551.7200 PPB		100
53)	Methylcyclohexane	6.34	83	4275751	226.5152 PPB		100
54)	Trichloroethene	6.36	130	967865	95.4644 PPB		100
55)	Dibromomethane	6.83	93	299994	94.4605 PPB		100
56)	n-Butanol	6.79	56	323308	4999.8449 ug/L	#	100
57)	1,2-Dichloropropane (CCC)	6.95	63	922989	100.2192 PPB		100
58)	Bromodichloromethane	7.04	83	1055275	108.3948 PPB		100
59)	1,4-Dioxane	7.29	88	56375	2992.7918 PPB		100
60)	Methyl methacrylate	7.25	69	333734	101.2774 PPB		100
61)	1-Bromo-2-chloroethane	7.59	63	904210	104.7227 PPB		100
62)	cis-1,3-Dichloropropene	7.78	75	1401364	118.1069 PPB		100
63)	2-Chloroethyl vinyl ether	7.74	63	221027	123.2885 PPB		100
66)	Toluene (CCC)	8.04	91	4074713	97.4740 PPB		100
67)	Epichlorohydrin	8.06	57	153587	582.2855 PPB		100
68)	2-Nitropropane	8.28	43	86164	155.9648 PPB	#	100
69)	Tetrachloroethene	8.41	164	856199	102.4582 PPB		100
70)	4-Methyl-2-pentanone (MIBK	8.43	43	305803	128.3583 PPB	#	100
71)	trans-1,3-Dichloropropene	8.45	75	1055090	124.3439 PPB		100
72)	1,1,2-Trichloroethane	8.60	97	500609	104.4770 PPB		100
73)	4-Methyl-2-pentanol (MIBC)	8.54	45	237417	890.4750 PPB	#	100
74)	Ethyl methacrylate	8.62	69	690646	101.7666 PPB		100
75)	Dibromochloromethane	8.74	129	545523	121.6284 PPB		100
76)	1,3-Dichloropropane	8.83	76	994392	102.3871 PPB		100
77)	1,2-Dibromoethane (EDB)	8.93	107	451153	112.2533 PPB		100
78)	2-Hexanone	9.14	43	190745	101.9100 PPB		100
79)	Chlorobenzene (SPCC)	9.36	112	2196955	91.4599 PPB		100
80)	1-Chlorohexane	9.36	55	801705	81.9921 PPB		100
81)	Ethylbenzene (CCC)	9.39	106	1357040	97.2389 PPB		100
82)	1,1,1,2-Tetrachloroethane	9.41	131	717116	106.7953 PPB		100
83)	m&p-Xylene	9.50	106	2974675	176.5339 PPB		100
84)	o-Xylene	9.81	106	1551355	102.4636 PPB		100
85)	Bromoform (SPCC)	9.87	173	232048	125.0645 PPB		100
86)	Styrene	9.85	104	2431420	114.7093 PPB		100
87)	Isopropylbenzene	10.03	105	3785285	96.9327 PPB		100
88)	Bromobenzene	10.29	156	738006	104.5447 PPB		100
89)	n-Propylbenzene	10.31	120	1040808	99.9768 PPB		100
90)	1,1,2,2-Tetrachloroethane	10.36	83	405655	102.2808 PPB		100
93)	2-Chlorotoluene	10.41	126	830896	96.7767 PPB		99
94)	Cyclohexanone	10.48	42	19765	637.5657 PPB	#	46
95)	1,2,3-Trichloropropane	10.45	110	133145	100.0949 PPB	#	69
96)	trans-1,4-Dichloro-2-buten	10.48	89	42193	99.9460 PPB	#	1
97)	3-Ethyltoluene	10.37	105	3282249	94.6377 PPB	#	73
98)	4-Chlorotoluene	10.52	126	843160	98.3481 PPB		92
99)	1,3,5-Trimethylbenzene	10.44	105	2843155	93.7664 PPB		55
100)	2-Ethyltoluene	10.57	105	3271858	94.6110 PPB	#	2
101)	tert-Butylbenzene	10.64	91	1602395	92.6699 PPB		85
102)	Pentachloroethane	10.66	167	288745	111.0721 PPB	#	1

(#)=qualifier out of range (m)=manual integration (S)=analyte in sublist

Quantitation Report (QT Reviewed)

Data File : H:\MSI.I\I032607.B\I326711.D
Acq On : 26 Mar 2007 7:52 pm
Sample : STD 100 PPB;ALL ANALYTES
Misc : 1,1, 07MSV0245,100uL/50mL
MS Integration Params: TAILA.P
Quant Time: Mar 27 12:51 19107

Vial: 11
Operator: BJP
Inst : MSI
Multiplr: 1.00

Quant Results File: I70326W.RES

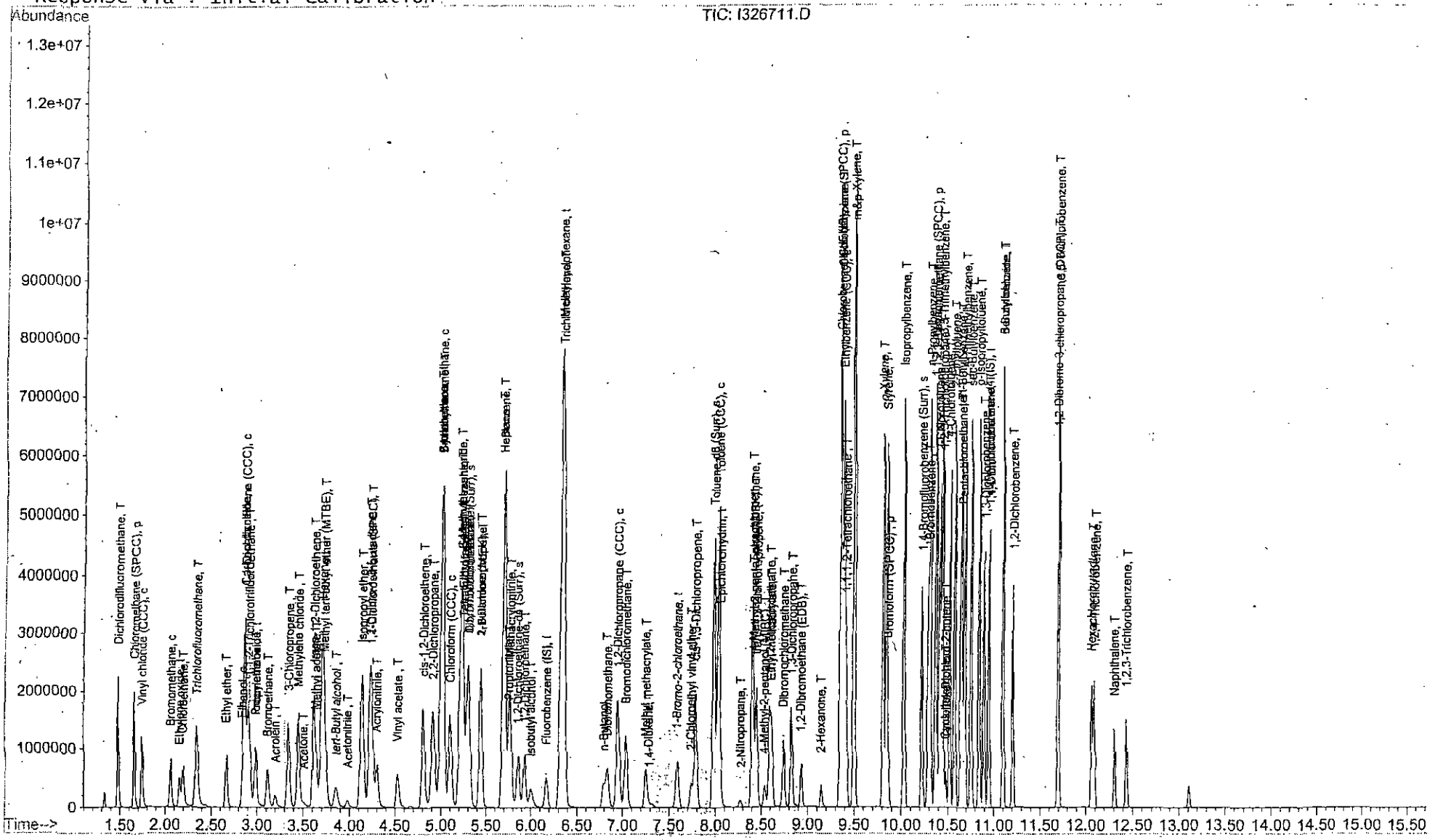
Quant Method : H:\MSI.I\METHODS\I70326W.M (RTE Integrator)
Title : EPA Method 8260B/624 Calibration Curve 15mL Water
Last Update : Tue Mar 27 11:56:43 2007
Response via : Initial Calibration
DataAcq Meth : I70326W

Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
103) 1,2,4-Trimethylbenzene	10.69	105	2784401	96.7016	PPB		79
104) sec-Butylbenzene	10.76	105	3597963	91.4931	PPB		98
105) p-Isopropyltoluene	10.84	119	2967920	95.9562	PPB		96
106) 1,3-Dichlorobenzene	10.90	146	1351615	96.0812	PPB	#	79
107) 1,4-Dichlorobenzene	10.95	146	1327348	94.3975	PPB	#	70
108) Benzyl chloride	11.10	126	154381	101.7671	PPB	#	1
109) n-Butylbenzene	11.10	134	729745	101.7947	PPB	#	67
110) 1,2-Dichlorobenzene	11.21	146	1087261	100.1256	PPB		100
111) 1,3,5-Trichlorobenzene	11.70	180	1894935	234.4816	PPB		100
112) 1,2-Dibromo-3-chloropropan	11.69	157	48059	101.8953	PPB		100
113) Hexachlorobutadiene	12.06	225	319705	94.7435	PPB		100
114) 1,2,4-Trichlorobenzene	12.09	180	530210	109.1012	PPB		100
115) Naphthalene	12.31	128	804264	100.5213	PPB		100
116) 1,2,3-Trichlorobenzene	12.43	180	365889	114.3910	PPB		100

(#)=qualifier out of range (m)=manual integration (S)=analyte in sublist

Data File : H:\MSI.I\I032607.B\I326711.D Vial: 11
Acq On : 26 Mar 2007 7:52 pm Operator: BJP
Sample : STD 100 PPB;ALL ANALYTES Inst : MSI
Misc : 1,1, 07MSV0245,100uL/50mL Multiplr: 1.00
MS Integration Params: TAILA.P
Quant Time: Mar 27 12:51 19107 Quant Results File: I70326W.RES

Method : H:\MSI.I\METHODS\I70326W.M (RTE Integrator)
Title : EPA Method 8260B/624 Calibration Curve 15mL Water
Last Update : Tue Mar 27 13:23:23 2007
Response via : Initial Calibration



Cyclohexane I326711.D

REASON FOR MANUAL INTEGRATION:

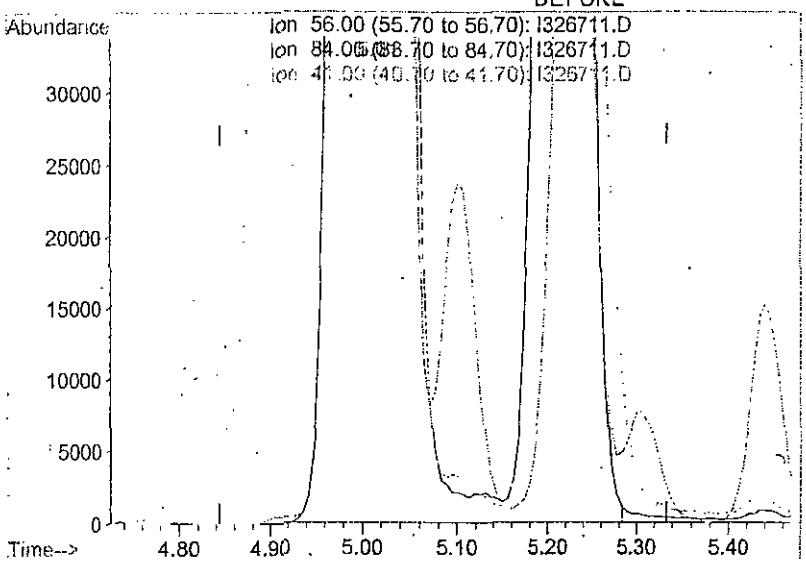
TAILING WRONG PEAK TWO PEAKS POOR INTEGRATION MISSED OTHER

ANALYST: BJP Tue Mar 27 12:23:55 2007

BJP

MAR 2 7 2007

BEFORE



TIC: I326711.D

(34) Cyclohexane (T)

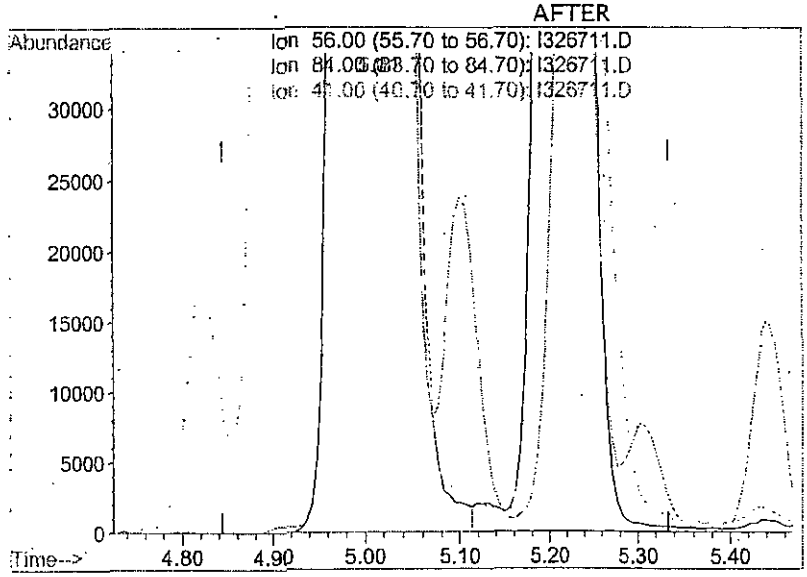
5.01min 101.28PPB

response 2939799

Ion	Exp%	Act%
56.00	100	100
84.00	72.50	72.5
41.00	82.10	82.1
0.00	0.00	0.00

DW 3-27-07

AFTER



TIC: I326711.D

(34) Cyclohexane (T)

5.01min 78.54PPB m

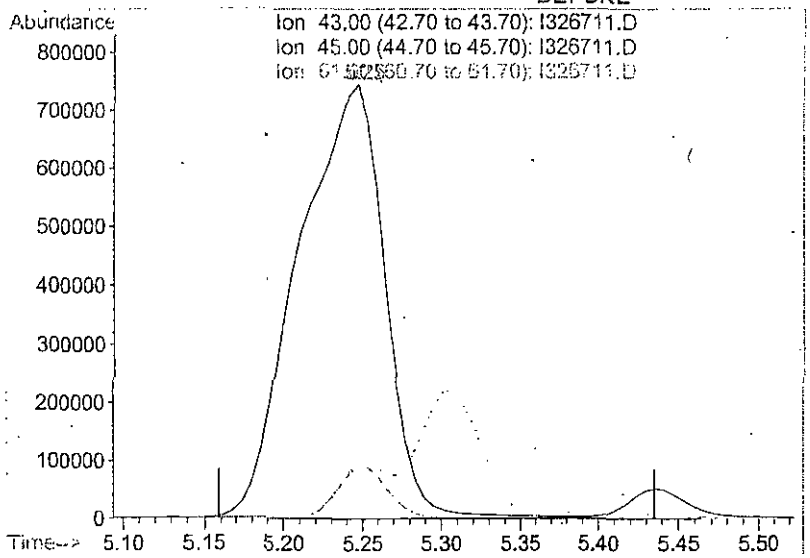
response 2279933

Ion	Exp%	Act%
56.00	100	100
84.00	72.50	93.5
41.00	82.10	105.(
0.00	0.00	0.00

Ethyl acetate I326711.D
REASON FOR MANUAL INTEGRATION:
TAILING WRONG PEAK TWO PEAKS POOR INTEGRATION MISSED OTHER
ANALYST: BJP Tue Mar 27 12:24:48 2007

BJP
MAR 27 2007

BEFORE



TIC: I326711.D

(40) Ethyl acetate (T)

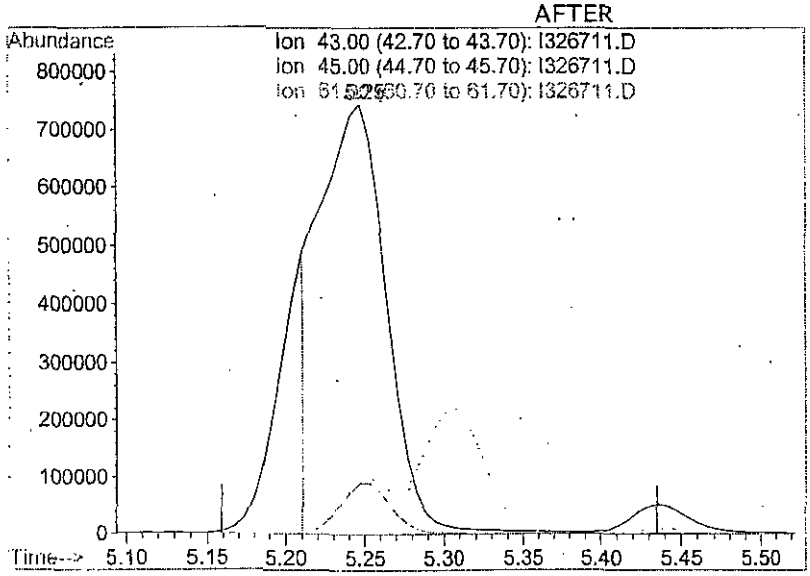
5.25min 533.72PPB

response 2813565

Ion	Exp%	Act%
43.00	100	100
45.00	7.50	7.48
61.00	29.70	29.7
0.00	0.00	0.00

DW
3-27-07

AFTER



TIC: I326711.D

(40) Ethyl acetate (T)

5.25min 421.95PPB m

response 2224369

Ion	Exp%	Act%
43.00	100	100
45.00	7.50	9.46
61.00	29.70	37.5
0.00	0.00	0.00

Tetrahydrofuran I326711.D

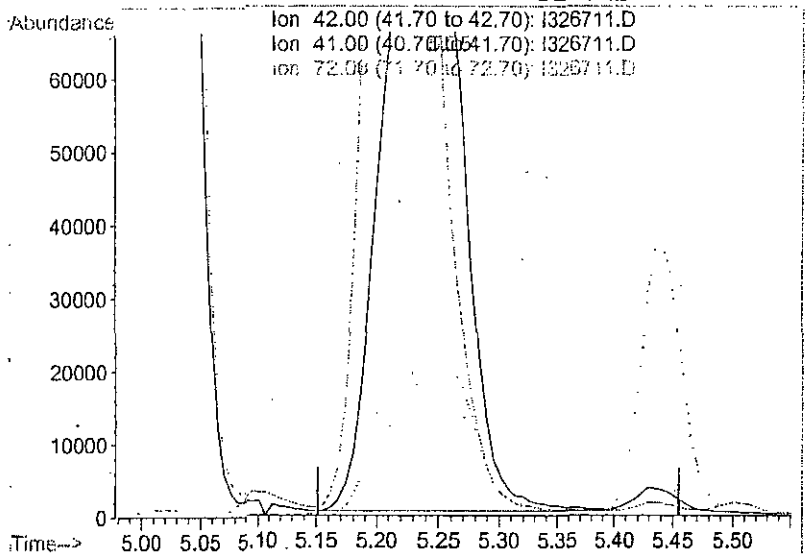
REASON FOR MANUAL INTEGRATION:

TAILING WRONG PEAK TWO PEAKS POOR INTEGRATION MISSED OTHER

ANALYST: BJP Tue Mar 27 13:05:05 2007

MAR 2 7 2007

BEFORE



TIC: I326711.D

(41) Tetrahydrofuran (T

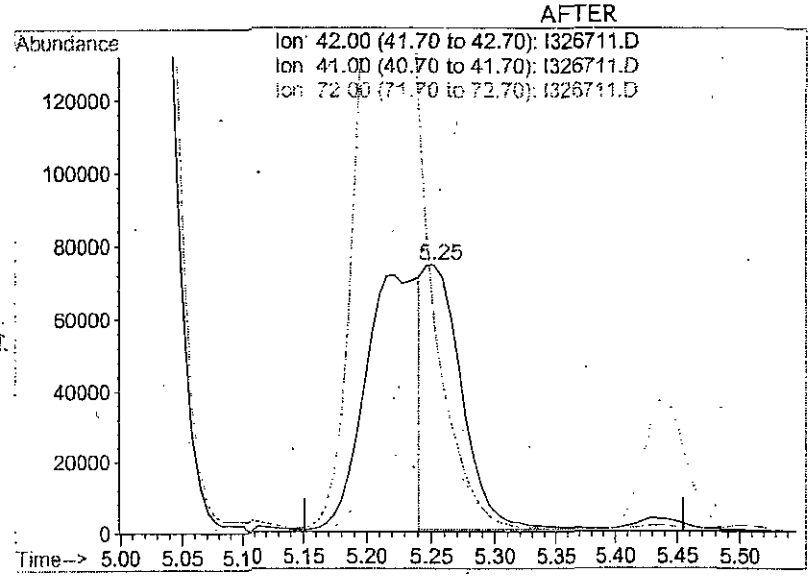
5.25min 95.28PPB

response 359375

Ion	Exp%	Act%
42.00	100	100
41.00	218.80	218.
72.00	30.60	30.5
0.00	0.00	0.00

3-27-07

AFTER



TIC: I326711.D

(41) Tetrahydrofuran (T

5.25min 39.91PPB m

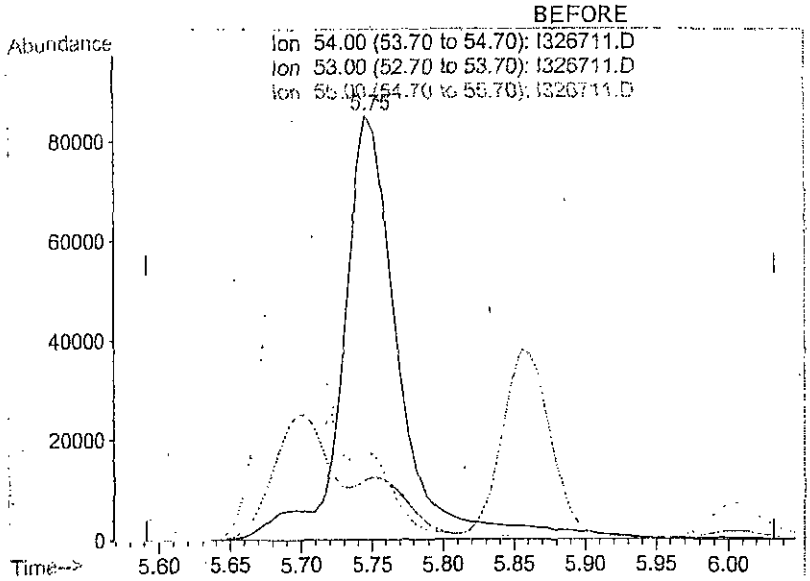
response 150530

Ion	Exp%	Act%
42.00	100	100
41.00	218.80	522.
72.00	30.60	72.9
0.00	0.00	0.00

Propionitrile I326711.D
REASON FOR MANUAL INTEGRATION:
TAILING WRONG PEAK TWO PEAKS POOR INTEGRATION MISSED OTHER
ANALYST: BJP Tue Mar 27 12:25:48 2007 BJP

MAR 2 7 2007

BEFORE



TIC: I326711.D

(48) Propionitrile (T)

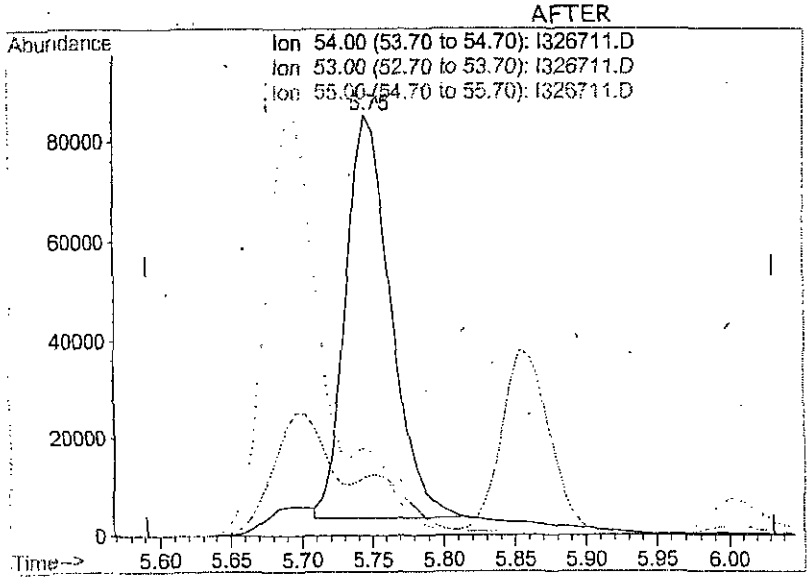
5.75min 817.35PPB

response 236835

Ion	Exp%	Act%
54.00	100	100
53.00	82.50	82.4
55.00	108.20	108.
0.00	0.00	0.00

DW 3-27-07

AFTER



TIC: I326711.D

(48) Propionitrile (T)

5.75min 639.81PPB m

response 185391

Ion	Exp%	Act%
54.00	100	100
53.00	82.50	105.3
55.00	108.20	138.
0.00	0.00	0.00

GC/MS SEMIVOLATILES

CLP-Like Forms I - IV

Forms V, VI, VII and VIII can be found in the QC & Sample Data by Batch

Form VI can also be found in the Calibration Section

EA Engineering, Science and Technology

Lab Name:TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) WG Lab Sample ID:I7L050202 001
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1040 / mL Date Received: 12/05/07
Work Order: KDG1R1AD Date Extracted:12/07/07
Dilution factor: 0.96 Date Analyzed: 12/12/07
Moisture %:

QC Batch: 7341534

Client Sample Id: NE3 MW-30B

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
83-32-9	Acenaphthene	9.6	U
208-96-8	Acenaphthylene	9.6	U
98-86-2	**Acetophenone**	**72**	
62-53-3	Aniline	9.6	U
120-12-7	Anthracene	9.6	U
92-87-5	Benzidine	48	U
56-55-3	Benzo(a)anthracene	9.6	U
205-99-2	Benzo(b)fluoranthene	9.6	U
207-08-9	Benzo(k)fluoranthene	9.6	U
65-85-0	**Benzoic acid**	**85**	
191-24-2	Benzo(ghi)perylene	9.6	U
50-32-8	Benzo(a)pyrene	9.6	U
100-51-6	Benzyl alcohol	9.6	U
92-52-4	**Biphenyl**	**5.5**	**J**
111-91-1	bis(2-Chloroethoxy)methane	9.6	U
111-44-4	bis(2-Chloroethyl) ether	9.6	U
108-60-1	bis(2-Chloroisopropyl) ether	9.6	U
117-81-7	**bis(2-Ethylhexyl) phthalate**	**3.5**	**J B**
101-55-3	4-Bromophenyl phenyl ether	9.6	U
85-68-7	Butyl benzyl phthalate	9.6	U
106-47-8	4-Chloroaniline	9.6	U
59-50-7	4-Chloro-3-methylphenol	9.6	U
91-58-7	2-Chloronaphthalene	9.6	U
95-57-8	2-Chlorophenol	9.6	U
7005-72-3	4-Chlorophenyl phenyl ether	9.6	U
218-01-9	Chrysene	9.6	U
53-70-3	Dibenz(a,h)anthracene	9.6	U
132-64-9	**Dibenzofuran**	**3.5**	**J**

EA Engineering, Science and Technology

Lab Name: TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) WG
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Lab Sample ID: I7L050202 001

Sample WT/Vol: 1040 / mL
Work Order: KDG1R1AD
Dilution factor: 0.96
Moisture %:

Date Received: 12/05/07
Date Extracted: 12/07/07
Date Analyzed: 12/12/07

QC Batch: 7341534

Client Sample Id: NE3 MW-30B

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
84-74-2	Di-n-butyl phthalate	9.6	U
91-94-1	3,3'-Dichlorobenzidine	48	U
120-83-2	2,4-Dichlorophenol	9.6	U
84-66-2	Diethyl phthalate	9.6	U
105-67-9	**2,4-Dimethylphenol**	**100**	
131-11-3	Dimethyl phthalate	9.6	U
117-84-0	Di-n-octyl phthalate	9.6	U
534-52-1	4,6-Dinitro-2-methylphenol	48	U
51-28-5	2,4-Dinitrophenol	48	U
121-14-2	2,4-Dinitrotoluene	9.6	U
606-20-2	2,6-Dinitrotoluene	9.6	U
206-44-0	Fluoranthene	9.6	U
86-73-7	**Fluorene**	**3.0**	**J**
118-74-1	Hexachlorobenzene	9.6	U
77-47-4	Hexachlorocyclopentadiene	48	U
67-72-1	Hexachloroethane	9.6	U
193-39-5	Indeno(1,2,3-cd)pyrene	9.6	U
78-59-1	Isophorone	9.6	U
91-57-6	**2-Methylnaphthalene**	**12**	
88-74-4	2-Nitroaniline	48	U
99-09-2	3-Nitroaniline	48	U
100-01-6	4-Nitroaniline	48	U
98-95-3	Nitrobenzene	9.6	U
88-75-5	2-Nitrophenol	9.6	U
100-02-7	4-Nitrophenol	48	U
62-75-9	N-Nitrosodimethylamine	9.6	U
621-64-7	N-Nitrosodi-n-propylamine	9.6	U
86-30-6	N-Nitrosodiphenylamine	9.6	U

EA Engineering, Science and Technology

Lab Name:TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) WG Lab Sample ID:I7L050202 001
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1040 / mL Date Received: 12/05/07
Work Order: KDG1R1AD Date Extracted:12/07/07
Dilution factor: 0.96 Date Analyzed: 12/12/07
Moisture %:

QC Batch: 7341534

Client Sample Id: NE3 MW-30B

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
85-01-8	**Phenanthrene**	**4.6**	**J**
108-95-2	Phenol	9.6	U
129-00-0	Pyrene	9.6	U
110-86-1	Pyridine	9.6	U
95-95-4	2,4,5-Trichlorophenol	9.6	U
88-06-2	2,4,6-Trichlorophenol	9.6	U
86-74-8	**Carbazole**	**18**	
122-66-7	1,2-Diphenylhydrazine (as Az	9.6	U
105-60-2	Caprolactam	9.6	U

SURROGATE RECOVERY	%	ACCEPTABLE LIMITS
Nitrobenzene-d5	84	(52 - 114)
2-Fluorobiphenyl	72	(58 - 116)
Terphenyl-d14	88	(64 - 126)
2-Fluorophenol	76	(44 - 114)
Phenol-d5	73	(45 - 116)
2,4,6-Tribromophenol	81	(51 - 130)

EA Engineering, Science and Technology

Lab Name: TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) WG
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Lab Sample ID: I7L050202 001

Sample WT/Vol: 1040 / mL
Work Order: KDG1R2AD
Dilution factor: 4.81
Moisture %:

Date Received: 12/05/07
Date Extracted: 12/07/07
Date Analyzed: 12/13/07

QC Batch: 7341534

Client Sample Id: NE3 MW-30B -RE 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
95-48-7	2-Methylphenol	170	

SURROGATE RECOVERY	%	ACCEPTABLE LIMITS
Nitrobenzene-d5	93	(52 - 114)
2-Fluorobiphenyl	76	(58 - 116)
Terphenyl-d14	80	(64 - 126)
2-Fluorophenol	78	(44 - 114)
Phenol-d5	75	(45 - 116)
2,4,6-Tribromophenol	103	(51 - 130)

EA Engineering, Science and Technology
METHOD BLANK COMPOUNDS

Lab Name:TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) WATER Lab Sample ID:I7L070000 534
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/05/07
Work Order: KDP1R1AA Date Extracted:12/07/07
Dilution factor: 1 Date Analyzed: 12/12/07
Moisture %:NA

QC Batch: 7341534

Client Sample Id: INTRA-LAB BLANK

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
83-32-9	Acenaphthene	10	U
208-96-8	Acenaphthylene	10	U
98-86-2	Acetophenone	10	U
62-53-3	Aniline	10	U
120-12-7	Anthracene	10	U
92-87-5	Benzidine	50	U
56-55-3	Benzo(a)anthracene	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
65-85-0	Benzoic acid	50	U
191-24-2	Benzo(ghi)perylene	10	U
50-32-8	Benzo(a)pyrene	10	U
100-51-6	Benzyl alcohol	10	U
92-52-4	Biphenyl	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
111-44-4	bis(2-Chloroethyl) ether	10	U
108-60-1	bis(2-Chloroisopropyl) ether	10	U
117-81-7	bis(2-Ethylhexyl) phthalate	3.3	J
101-55-3	4-Bromophenyl phenyl ether	10	U
85-68-7	Butyl benzyl phthalate	10	U
106-47-8	4-Chloroaniline	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-58-7	2-Chloronaphthalene	10	U
95-57-8	2-Chlorophenol	10	U
7005-72-3	4-Chlorophenyl phenyl ether	10	U
218-01-9	Chrysene	10	U
53-70-3	Dibenz(a,h)anthracene	10	U
132-64-9	Dibenzofuran	10	U

EA Engineering, Science and Technology
METHOD BLANK COMPOUNDS

Lab Name:TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) WATER Lab Sample ID:I7L070000 534.
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/05/07
Work Order: KDP1R1AA Date Extracted:12/07/07
Dilution factor: 1 Date Analyzed: 12/12/07
Moisture %:NA

QC Batch: 7341534

Client Sample Id: INTRA-LAB BLANK

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
84-74-2	Di-n-butyl phthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	50	U
120-83-2	2,4-Dichlorophenol	10	U
84-66-2	Diethyl phthalate	10	U
105-67-9	2,4-Dimethylphenol	10	U
131-11-3	Dimethyl phthalate	10	U
117-84-0	Di-n-octyl phthalate	10	U
534-52-1	4,6-Dinitro-2-methylphenol	50	U
51-28-5	2,4-Dinitrophenol	50	U
121-14-2	2,4-Dinitrotoluene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
206-44-0	Fluoranthene	10	U
86-73-7	Fluorene	10	U
118-74-1	Hexachlorobenzene	10	U
77-47-4	Hexachlorocyclopentadiene	50	U
67-72-1	Hexachloroethane	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
78-59-1	Isophorone	10	U
91-57-6	2-Methylnaphthalene	10	U
95-48-7	2-Methylphenol	10	U
88-74-4	2-Nitroaniline	50	U
99-09-2	3-Nitroaniline	50	U
100-01-6	4-Nitroaniline	50	U
98-95-3	Nitrobenzene	10	U
88-75-5	2-Nitrophenol	10	U
100-02-7	4-Nitrophenol	50	U
62-75-9	N-Nitrosodimethylamine	10	U
621-64-7	N-Nitrosodi-n-propylamine	10	U

EA Engineering, Science and Technology
METHOD BLANK COMPOUNDS

Lab Name:TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) WATER Lab Sample ID:I7L070000 534
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/05/07
Work Order: KDP1R1AA Date Extracted:12/07/07
Dilution factor: 1 Date Analyzed: 12/12/07
Moisture %:NA

QC Batch: 7341534

Client Sample Id: INTRA-LAB BLANK

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
86-30-6	N-Nitrosodiphenylamine	10	U
85-01-8	Phenanthrene	10	U
108-95-2	Phenol	10	U
129-00-0	Pyrene	10	U
110-86-1	Pyridine	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
86-74-8	Carbazole	10	U
122-66-7	1,2-Diphenylhydrazine (as Az	10	U
105-60-2	Caprolactam	10	U

SURROGATE RECOVERY	%	ACCEPTABLE LIMITS
Nitrobenzene-d5	83	(52 - 114)
2-Fluorobiphenyl	75	(58 - 116)
Terphenyl-d14	84	(64 - 126)
2-Fluorophenol	77	(44 - 114)
Phenol-d5	76	(45 - 116)
2,4,6-Tribromophenol	65	(51 - 130)

EA Engineering, Science and Technology
CHECK SAMPLE COMPOUNDS

Lab Name:TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) WATER Lab Sample ID:I7L070000 534
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/05/07
Work Order: KDP1R1AC Date Extracted:12/07/07
Dilution factor: 1 Date Analyzed: 12/12/07
Moisture %:NA

QC Batch: 7341534

Client Sample Id: CHECK SAMPLE

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
83-32-9	Acenaphthene	34.7	
208-96-8	Acenaphthylene	35.1	
98-86-2	Acetophenone	36.4	
62-53-3	Aniline	23.1	
120-12-7	Anthracene	34.5	
92-87-5	Benzidine	8.66	
56-55-3	Benzo(a)anthracene	36.4	
205-99-2	Benzo(b)fluoranthene	35.6	
207-08-9	Benzo(k)fluoranthene	34.6	
65-85-0	Benzoic acid	20.0	
191-24-2	Benzo(ghi)perylene	36.4	
50-32-8	Benzo(a)pyrene	34.9	
100-51-6	Benzyl alcohol	31.9	
92-52-4	Biphenyl	34.4	
111-91-1	bis(2-Chloroethoxy)methane	35.4	
111-44-4	bis(2-Chloroethyl) ether	32.1	
108-60-1	bis(2-Chloroisopropyl) ether	31.9	
117-81-7	bis(2-Ethylhexyl) phthalate	33.7	
101-55-3	4-Bromophenyl phenyl ether	37.0	
85-68-7	Butyl benzyl phthalate	31.0	
106-47-8	4-Chloroaniline	36.2	
59-50-7	4-Chloro-3-methylphenol	37.1	
91-58-7	2-Chloronaphthalene	35.9	
95-57-8	2-Chlorophenol	34.0	
7005-72-3	4-Chlorophenyl phenyl ether	37.6	
218-01-9	Chrysene	30.8	a
53-70-3	Dibenz(a,h)anthracene	30.7	
132-64-9	Dibenzofuran	37.0	

EA Engineering, Science and Technology
CHECK SAMPLE COMPOUNDS

Lab Name: TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) WATER Lab Sample ID: I7L070000 534
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/05/07
Work Order: KDP1R1AC Date Extracted: 12/07/07
Dilution factor: 1 Date Analyzed: 12/12/07
Moisture %: NA

QC Batch: 7341534

Client Sample Id: CHECK SAMPLE

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
84-74-2	Di-n-butyl phthalate	33.2	
91-94-1	3,3'-Dichlorobenzidine	30.3	
120-83-2	2,4-Dichlorophenol	37.1	
84-66-2	Diethyl phthalate	37.5	
105-67-9	2,4-Dimethylphenol	32.5	
131-11-3	Dimethyl phthalate	37.2	
117-84-0	Di-n-octyl phthalate	31.9	
534-52-1	4,6-Dinitro-2-methylphenol	30.6	a
51-28-5	2,4-Dinitrophenol	35.8	
121-14-2	2,4-Dinitrotoluene	34.5	
606-20-2	2,6-Dinitrotoluene	33.9	
206-44-0	Fluoranthene	37.6	
86-73-7	Fluorene	37.0	
118-74-1	Hexachlorobenzene	37.2	
77-47-4	Hexachlorocyclopentadiene	17.5	
67-72-1	Hexachloroethane	34.1	
193-39-5	Indeno(1,2,3-cd)pyrene	37.0	
78-59-1	Isophorone	34.8	
91-57-6	2-Methylnaphthalene	38.4	
95-48-7	2-Methylphenol	33.7	
88-74-4	2-Nitroaniline	37.0	
99-09-2	3-Nitroaniline	36.2	
100-01-6	4-Nitroaniline	35.8	
98-95-3	Nitrobenzene	35.3	
88-75-5	2-Nitrophenol	35.3	
100-02-7	4-Nitrophenol	31.6	
62-75-9	N-Nitrosodimethylamine	33.0	
621-64-7	N-Nitrosodi-n-propylamine	41.4	

EA Engineering, Science and Technology
CHECK SAMPLE COMPOUNDS

Lab Name: TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) WATER Lab Sample ID: I7L070000 534
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/05/07
Work Order: KDP1R1AC Date Extracted: 12/07/07
Dilution factor: 1 Date Analyzed: 12/12/07
Moisture %: NA

QC Batch: 7341534

Client Sample Id: CHECK SAMPLE

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
86-30-6	N-Nitrosodiphenylamine	30.0	
85-01-8	Phenanthrene	34.9	
108-95-2	Phenol	31.9	
129-00-0	Pyrene	33.3	
110-86-1	Pyridine	30.3	
95-95-4	2,4,5-Trichlorophenol	30.4	
88-06-2	2,4,6-Trichlorophenol	34.5	
86-74-8	Carbazole	37.2	
122-66-7	1,2-Diphenylhydrazine (as Az	36.8	

SURROGATE RECOVERY	%	ACCEPTABLE LIMITS
Nitrobenzene-d5	79	(69 - 117)
2-Fluorobiphenyl	74	(63 - 117)
Terphenyl-d14	74	(65 - 106)
2-Fluorophenol	69	(59 - 113)
Phenol-d5	71	(62 - 121)
2,4,6-Tribromophenol	71	(67 - 120)

EA Engineering, Science and Technology

Lab Name:TestAmerica Laboratories, Inc. SDG Number:

PARENT

Matrix: (soil/water) WATER
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Lab Sample ID:I7L050311 001

Sample WT/Vol: 900 / mL
Work Order: KDHN61AA
Dilution factor: 1.11
Moisture %:NA

Date Received: 12/05/07
Date Extracted:12/07/07
Date Analyzed: 12/12/07

QC Batch: 7341534

Client Sample Id: INTRA-LAB QC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
83-32-9	Acenaphthene	11	U
208-96-8	Acenaphthylene	11	U
98-86-2	Acetophenone	11	U
62-53-3	Aniline	11	U
120-12-7	Anthracene	11	U
92-87-5	Benzidine	56	U
56-55-3	Benzo(a)anthracene	11	U
205-99-2	Benzo(b)fluoranthene	11	U
207-08-9	Benzo(k)fluoranthene	11	U
65-85-0	Benzoic acid	56	U
191-24-2	Benzo(ghi)perylene	11	U
50-32-8	Benzo(a)pyrene	11	U
100-51-6	Benzyl alcohol	11	U
92-52-4	Biphenyl	11	U
111-91-1	bis(2-Chloroethoxy)methane	11	U
111-44-4	bis(2-Chloroethyl) ether	11	U
108-60-1	bis(2-Chloroisopropyl) ether	11	U
117-81-7	**bis(2-Ethylhexyl) phthalate**	**3.7**	**J B**
101-55-3	4-Bromophenyl phenyl ether	11	U
85-68-7	Butyl benzyl phthalate	11	U
106-47-8	4-Chloroaniline	11	U
59-50-7	4-Chloro-3-methylphenol	11	U
91-58-7	2-Chloronaphthalene	11	U
123-91-1	1,4-Dioxane	11	U
95-57-8	2-Chlorophenol	11	U
7005-72-3	4-Chlorophenyl phenyl ether	11	U
110-80-5	2-Ethoxyethanol	56	U
101-84-8	Diphenyl ether	11	U

EA Engineering, Science and Technology

Lab Name: TestAmerica Laboratories, Inc. SDG Number:

PARENT

Matrix: (soil/water) WATER Lab Sample ID: I7L050311 001
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 900 / mL Date Received: 12/05/07
Work Order: KDHN61AA Date Extracted: 12/07/07
Dilution factor: 1.11 Date Analyzed: 12/12/07
Moisture %: NA

QC Batch: 7341534

Client Sample Id: INTRA-LAB QC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
218-01-9	Chrysene	11	U
95-50-1	1,2-Dichlorobenzene	11	U
53-70-3	Dibenz(a,h)anthracene	11	U
541-73-1	1,3-Dichlorobenzene	11	U
87-65-0	2,6-Dichlorophenol	11	U
132-64-9	Dibenzofuran	11	U
106-46-7	1,4-Dichlorobenzene	11	U
122-39-4	Diphenylamine	11	U
1888-71-7	Hexachloropropene	11	U
608-93-5	Pentachlorobenzene	11	U
84-74-2	Di-n-butyl phthalate	11	U
95-94-3	1,2,4,5-Tetrachlorobenzene	11	U
58-90-2	2,3,4,6-Tetrachlorophenol	11	U
76-01-7	Pentachloroethane	11	U
91-94-1	3,3'-Dichlorobenzidine	56	U
106-44-5	4-Methylphenol	22	U
120-83-2	2,4-Dichlorophenol	11	U
84-66-2	Diethyl phthalate	11	U
924-16-3	N-Nitrosodi-n-butylamine	11	U
55-18-5	N-Nitrosodiethylamine	11	U
105-67-9	2,4-Dimethylphenol	11	U
10595-95-6	N-Nitrosomethylethylamine	11	U
100-75-4	N-Nitrosopiperidine	11	U
930-55-2	N-Nitrosopyrrolidine	11	U
131-11-3	Dimethyl phthalate	11	U
88-85-7	Dinoseb	22	U
117-84-0	Di-n-octyl phthalate	11	U
534-52-1	4,6-Dinitro-2-methylphenol	56	U

EA Engineering, Science and Technology

PARENT

Lab Name:TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) WATER Lab Sample ID:I7L050311 001
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 900 / mL Date Received: 12/05/07
Work Order: KDHN61AA Date Extracted:12/07/07
Dilution factor: 1.11 Date Analyzed: 12/12/07
Moisture %:NA

QC Batch: 7341534

Client Sample Id: INTRA-LAB QC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
51-28-5	2,4-Dinitrophenol	56	U
121-14-2	2,4-Dinitrotoluene	11	U
606-20-2	2,6-Dinitrotoluene	11	U
206-44-0	Fluoranthene	11	U
86-73-7	Fluorene	11	U
118-74-1	Hexachlorobenzene	11	U
87-68-3	Hexachlorobutadiene	11	U
77-47-4	Hexachlorocyclopentadiene	56	U
67-72-1	Hexachloroethane	11	U
193-39-5	Indeno(1,2,3-cd)pyrene	11	U
78-59-1	Isophorone	11	U
91-57-6	2-Methylnaphthalene	11	U
95-48-7	2-Methylphenol	11	U
91-20-3	Naphthalene	11	U
88-74-4	2-Nitroaniline	56	U
99-09-2	3-Nitroaniline	56	U
100-01-6	4-Nitroaniline	56	U
98-95-3	Nitrobenzene	11	U
88-75-5	2-Nitrophenol	11	U
100-02-7	4-Nitrophenol	56	U
62-75-9	N-Nitrosodimethylamine	11	U
621-64-7	N-Nitrosodi-n-propylamine	11	U
86-30-6	N-Nitrosodiphenylamine	11	U
87-86-5	Pentachlorophenol	56	U
85-01-8	Phenanthrene	11	U
108-95-2	Phenol	11	U
129-00-0	Pyrene	11	U
110-86-1	Pyridine	11	U

EA Engineering, Science and Technology

Lab Name: TestAmerica Laboratories, Inc. SDG Number:

PARENT

Matrix: (soil/water) WATER
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Lab Sample ID: I7L050311 001

Sample WT/Vol: 900 / mL
Work Order: KDHN61AA
Dilution factor: 1.11
Moisture %: NA

Date Received: 12/05/07
Date Extracted: 12/07/07
Date Analyzed: 12/12/07

QC Batch: 7341534

Client Sample Id: INTRA-LAB QC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
120-82-1	1,2,4-Trichlorobenzene	11	U
95-95-4	2,4,5-Trichlorophenol	11	U
88-06-2	2,4,6-Trichlorophenol	11	U
86-74-8	Carbazole	11	U
65794-96-9	3-Methylphenol & 4-Methylphe	22	U
122-66-7	1,2-Diphenylhydrazine (as Az	11	U

SURROGATE RECOVERY	%	ACCEPTABLE LIMITS
Nitrobenzene-d5	79	(52 - 114)
2-Fluorobiphenyl	69	(58 - 116)
Terphenyl-d14	78	(64 - 126)
2-Fluorophenol	62	(44 - 114)
Phenol-d5	65	(45 - 116)
2,4,6-Tribromophenol	67	(51 - 130)

EA Engineering, Science and Technology
MATRIX SPIKE COMPOUNDS

Lab Name:TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) WATER
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Lab Sample ID:I7L050311 001

Sample WT/Vol: 925 / mL
Work Order: KDHN61AF
Dilution factor: 1.08
Moisture %:NA

Date Received: 12/05/07
Date Extracted:12/07/07
Date Analyzed: 12/12/07

QC Batch: 7341534

Client Sample Id: LAB MS/MSD

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
83-32-9	Acenaphthene	35.3	a
208-96-8	Acenaphthylene	36.1	
98-86-2	Acetophenone	39.5	
62-53-3	Aniline	6.90	a
120-12-7	Anthracene	31.9	a
92-87-5	Benzidine	0.0	a
56-55-3	Benzo(a)anthracene	33.0	a
205-99-2	Benzo(b)fluoranthene	34.9	
207-08-9	Benzo(k)fluoranthene	31.3	
65-85-0	Benzoic acid	34.3	
191-24-2	Benzo(ghi)perylene	34.0	
50-32-8	Benzo(a)pyrene	29.4	a
100-51-6	Benzyl alcohol	34.7	
92-52-4	Biphenyl	37.1	
111-91-1	bis(2-Chloroethoxy)methane	38.8	
111-44-4	bis(2-Chloroethyl) ether	36.1	
108-60-1	bis(2-Chloroisopropyl) ether	36.6	
117-81-7	bis(2-Ethylhexyl) phthalate	31.7	
101-55-3	4-Bromophenyl phenyl ether	35.9	
85-68-7	Butyl benzyl phthalate	31.4	a
106-47-8	4-Chloroaniline	5.32	a
59-50-7	4-Chloro-3-methylphenol	38.3	
91-58-7	2-Chloronaphthalene	38.2	
95-57-8	2-Chlorophenol	37.3	
7005-72-3	4-Chlorophenyl phenyl ether	38.0	
218-01-9	Chrysene	28.6	a
53-70-3	Dibenz(a,h)anthracene	28.3	a
132-64-9	Dibenzofuran	40.3	

EA Engineering, Science and Technology
MATRIX SPIKE COMPOUNDS

Lab Name:TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) WATER Lab Sample ID:I7L050311 001
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 925 / mL Date Received: 12/05/07
Work Order: KDHN61AF Date Extracted:12/07/07
Dilution factor: 1.08 Date Analyzed: 12/12/07
Moisture %:NA

QC Batch: 7341534

Client Sample Id: LAB MS/MSD

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
84-74-2	Di-n-butyl phthalate	32.1	a
91-94-1	3,3'-Dichlorobenzidine	54	a U
120-83-2	2,4-Dichlorophenol	39.7	
84-66-2	Diethyl phthalate	38.2	
105-67-9	2,4-Dimethylphenol	17.1	
131-11-3	Dimethyl phthalate	39.5	
117-84-0	Di-n-octyl phthalate	30.7	a
534-52-1	4,6-Dinitro-2-methylphenol	32.6	a
51-28-5	2,4-Dinitrophenol	47.5	
121-14-2	2,4-Dinitrotoluene	36.7	
606-20-2	2,6-Dinitrotoluene	35.7	
206-44-0	Fluoranthene	34.9	
86-73-7	Fluorene	38.5	
118-74-1	Hexachlorobenzene	35.3	
77-47-4	Hexachlorocyclopentadiene	21.6	
67-72-1	Hexachloroethane	38.7	
193-39-5	Indeno(1,2,3-cd)pyrene	33.6	
78-59-1	Isophorone	37.7	
91-57-6	2-Methylnaphthalene	40.7	
95-48-7	2-Methylphenol	37.6	
88-74-4	2-Nitroaniline	18.0	a
99-09-2	3-Nitroaniline	9.56	a
100-01-6	4-Nitroaniline	8.95	a
98-95-3	Nitrobenzene	53.9	
88-75-5	2-Nitrophenol	43.4	
100-02-7	4-Nitrophenol	39.6	
62-75-9	N-Nitrosodimethylamine	37.4	
621-64-7	N-Nitrosodi-n-propylamine	44.2	

EA Engineering, Science and Technology
MATRIX SPIKE COMPOUNDS

Lab Name:TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) WATER Lab Sample ID:I7L050311 001
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 925 / mL Date Received: 12/05/07
Work Order: KDHN61AF Date Extracted:12/07/07
Dilution factor: 1.08 Date Analyzed: 12/12/07
Moisture %:NA

QC Batch: 7341534

Client Sample Id: LAB MS/MSD

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
86-30-6	N-Nitrosodiphenylamine	29.5	
85-01-8	Phenanthrene	33.5	
108-95-2	Phenol	39.6	
129-00-0	Pyrene	31.9	a
110-86-1	Pyridine	34.8	
95-95-4	2,4,5-Trichlorophenol	34.5	
88-06-2	2,4,6-Trichlorophenol	40.4	
86-74-8	Carbazole	38.3	
122-66-7	1,2-Diphenylhydrazine (as Az	37.3	

SURROGATE RECOVERY	%	ACCEPTABLE LIMITS
Nitrobenzene-d5	83	(52 - 114)
2-Fluorobiphenyl	77	(58 - 116)
Terphenyl-d14	77	(64 - 126)
2-Fluorophenol	73	(44 - 114)
Phenol-d5	72	(45 - 116)
2,4,6-Tribromophenol	72	(51 - 130)

EA Engineering, Science and Technology
MATRIX SPIKE DUPLICATE COMPOUNDS

Lab Name:TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) WATER Lab Sample ID:I7L050311 001
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/05/07
Work Order: KDHN61AG Date Extracted:12/07/07
Dilution factor: 1 Date Analyzed: 12/12/07
Moisture %:NA

QC Batch: 7341534

Client Sample Id: LAB MS/MSD

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
83-32-9	Acenaphthene	33.5	
208-96-8	Acenaphthylene	34.4	
98-86-2	Acetophenone	36.3	
62-53-3	Aniline	5.38	a
120-12-7	Anthracene	29.0	a
92-87-5	Benzidine	0.0	a
56-55-3	Benzo(a)anthracene	30.4	a
205-99-2	Benzo(b)fluoranthene	31.2	
207-08-9	Benzo(k)fluoranthene	27.9	a
65-85-0	Benzoic acid	35.6	
191-24-2	Benzo(ghi)perylene	29.4	
50-32-8	Benzo(a)pyrene	24.9	a
100-51-6	Benzyl alcohol	32.0	
92-52-4	Biphenyl	36.0	
111-91-1	bis(2-Chloroethoxy)methane	37.2	
111-44-4	bis(2-Chloroethyl) ether	33.1	
108-60-1	bis(2-Chloroisopropyl) ether	33.6	
117-81-7	bis(2-Ethylhexyl) phthalate	29.6	
101-55-3	4-Bromophenyl phenyl ether	32.9	
85-68-7	Butyl benzyl phthalate	27.7	a
106-47-8	4-Chloroaniline	7.75	a p
59-50-7	4-Chloro-3-methylphenol	37.5	
91-58-7	2-Chloronaphthalene	33.1	
95-57-8	2-Chlorophenol	35.5	
7005-72-3	4-Chlorophenyl phenyl ether	33.3	
218-01-9	Chrysene	25.3	a
53-70-3	Dibenz(a,h)anthracene	25.5	a
132-64-9	Dibenzofuran	37.7	

EA Engineering, Science and Technology
MATRIX SPIKE DUPLICATE COMPOUNDS

Lab Name:TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) WATER Lab Sample ID:I7L050311 001
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/05/07
Work Order: KDHN61AG Date Extracted:12/07/07
Dilution factor: 1 Date Analyzed: 12/12/07
Moisture %:NA

QC Batch: 7341534

Client Sample Id: LAB MS/MSD

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
84-74-2	Di-n-butyl phthalate	30.0	
91-94-1	3,3'-Dichlorobenzidine	50	a U
120-83-2	2,4-Dichlorophenol	38.6	
84-66-2	Diethyl phthalate	36.0	
105-67-9	2,4-Dimethylphenol	14.0	
131-11-3	Dimethyl phthalate	35.9	
117-84-0	Di-n-octyl phthalate	27.3	a
534-52-1	4,6-Dinitro-2-methylphenol	33.0	
51-28-5	2,4-Dinitrophenol	45.2	
121-14-2	2,4-Dinitrotoluene	35.5	
606-20-2	2,6-Dinitrotoluene	34.5	
206-44-0	Fluoranthene	31.4	a
86-73-7	Fluorene	34.1	
118-74-1	Hexachlorobenzene	30.9	a
77-47-4	Hexachlorocyclopentadiene	19.6	
67-72-1	Hexachloroethane	34.4	
193-39-5	Indeno(1,2,3-cd)pyrene	29.8	
78-59-1	Isophorone	35.9	
91-57-6	2-Methylnaphthalene	38.3	
95-48-7	2-Methylphenol	35.5	
88-74-4	2-Nitroaniline	18.3	a
99-09-2	3-Nitroaniline	10.0	a
100-01-6	4-Nitroaniline	11.3	a
98-95-3	Nitrobenzene	50.9	
88-75-5	2-Nitrophenol	40.8	
100-02-7	4-Nitrophenol	42.3	
62-75-9	N-Nitrosodimethylamine	33.2	
621-64-7	N-Nitrosodi-n-propylamine	41.7	

EA Engineering, Science and Technology
MATRIX SPIKE DUPLICATE COMPOUNDS

Lab Name:TestAmerica Laboratories, Inc. SDG Number:

Matrix: (soil/water) WATER Lab Sample ID:I7L050311 001
Method: SW846 8270C
Base/Neutrals and Acids (8270C)

Sample WT/Vol: 1000 / mL Date Received: 12/05/07
Work Order: KDHN61AG Date Extracted:12/07/07
Dilution factor: 1 Date Analyzed: 12/12/07
Moisture %:NA

QC Batch: 7341534

Client Sample Id: LAB MS/MSD

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
86-30-6	N-Nitrosodiphenylamine	28.1	
85-01-8	Phenanthrene	32.6	
108-95-2	Phenol	40.6	
129-00-0	Pyrene	28.1	a
110-86-1	Pyridine	30.9	
95-95-4	2,4,5-Trichlorophenol	32.6	
88-06-2	2,4,6-Trichlorophenol	44.1	
86-74-8	Carbazole	37.5	
122-66-7	1,2-Diphenylhydrazine (as Az	35.3	

SURROGATE RECOVERY	%	ACCEPTABLE LIMITS
Nitrobenzene-d5	87	(52 - 114)
2-Fluorobiphenyl	81	(58 - 116)
Terphenyl-d14	79	(64 - 126)
2-Fluorophenol	73	(44 - 114)
Phenol-d5	76	(45 - 116)
2,4,6-Tribromophenol	78	(51 - 130)

SW846 8270C SURROGATE RECOVERY

Lab Name: TestAmerica Laboratories, Inc. Client: EA Engineering, Science and Technology

Lab Code: TALAUS SDG No:

Lot #: I7L050202

Extraction: XXI8DQL01

	CLIENT ID.	SRG01	SRG02	SRG03	SRG04	SRG05	SRG06	TOT OUT
01	NE3 MW-30B	84	72	88	76	73	81	00
02	NE3 MW-30B RE-1	93 D	76 D	80 D	78 D	75 D	103D	00
03	INTRA-LAB QC	79	69	78	62	65	67	00
04	METHOD BLK. KDP1R1AA	83	75	84	77	76	65	00
05	LCS KDP1R1AC	79	74	74	69	71	71	00
06	LAB MS/MSD D	87	81	79	73	76	78	00
07	LAB MS/MSD S	83	77	77	73	72	72	00

SURROGATES		QC LIMITS
SRG01	= Nitrobenzene-d5	(52-114)
SRG02	= 2-Fluorobiphenyl	(58-116)
SRG03	= Terphenyl-d14	(64-126)
SRG04	= 2-Fluorophenol	(44-114)
SRG05	= Phenol-d5	(45-116)
SRG06	= 2,4,6-Tribromophenol	(51-130)

\# Column to be used to flag recovery values
* Values outside of required QC Limits
D System monitoring Compound diluted out

FORM II

SW846 8270C MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Laboratories, Inc. Client: EA Engineering, Science and Technology

Lab Code: TALAUS SDG No:

Matrix Spike ID: LAB MS/MSD

Lot #: I7L050311 WO #: KDHN61AF
BATCH: 7341534

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENT. (ug/L)	MS CONCENT. (ug/L)	MS % REC	LIMITS REC	QUAL
Acenaphthene	54.1	ND	35.3	65*	67- 105	a
Acenaphthylene	54.1	ND	36.1	67	65- 106	
Aniline	54.1	ND	6.90	13*	26- 111	a
Anthracene	54.1	ND	31.9	59*	60- 108	a
Benzo(a)anthracene	54.1	ND	33.0	61*	63- 109	a
Benzo(b)fluoranthene	54.1	ND	34.9	65	59- 108	
Benzo(k)fluoranthene	54.1	ND	31.3	58	57- 125	
Benzoic acid	54.1	ND	34.3	64	10- 119	
Benzo(ghi)perylene	54.1	ND	34.0	63	55- 124	
Benzo(a)pyrene	54.1	ND	29.4	54*	64- 104	a
Benzyl alcohol	54.1	ND	34.7	64	57- 122	
2-Chlorophenol	54.1	ND	37.3	69	61- 106	
4-Chloro-3-methylphenol	54.1	ND	38.3	71	64- 105	
bis(2-Chloroethoxy)methan	54.1	ND	38.8	72	56- 112	
bis(2-Chloroethyl) ether	54.1	ND	36.1	67	55- 110	
bis(2-Chloroisopropyl) et	54.1	ND	36.6	68	54- 112	
bis(2-Ethylhexyl) phthala	54.1	3.7	31.7	52	10- 174	
4-Bromophenyl phenyl ethe	54.1	ND	35.9	66	60- 116	
Butyl benzyl phthalate	54.1	ND	31.4	58*	59- 109	a
Carbazole	54.1	ND	38.3	71	57- 114	
4-Chloroaniline	54.1	ND	5.32	9*	35- 110	a
2-Chloronaphthalene	54.1	ND	38.2	71	62- 112	
4-Chlorophenyl phenyl eth	54.1	ND	38.0	70	57- 110	
Chrysene	54.1	ND	28.6	53*	65- 111	a
Dibenz(a,h)anthracene	54.1	ND	28.3	52*	60- 118	a
Dibenzofuran	54.1	ND	40.3	74	65- 108	
Di-n-butyl phthalate	54.1	ND	32.1	59*	60- 110	a
3,3'-Dichlorobenzidine	54.1	ND		2*	22- 121	a

(Continued on next page)

SW846 8270C MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Laboratories, Inc. Client: EA Engineering, Science and Technology

Lab Code: TALAUS SDG No:

Matrix Spike ID: LAB MS/MSD

Lot #: I7L050311 WO #: KDHN61AF
BATCH: 7341534

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENT. (ug/L)	MS CONCENT. (ug/L)	MS % REC	LIMITS REC	QUAL
2,4-Dichlorophenol	54.1	ND	39.7	73	64 - 106	
Diethyl phthalate	54.1	ND	38.2	71	61 - 108	
2,4-Dimethylphenol	54.1	ND	17.1	32	17 - 97	
Dimethyl phthalate	54.1	ND	39.5	73	65 - 105	
4,6-Dinitro-2-methylpheno	54.1	ND	32.6	60*	65 - 114	a
2,4-Dinitrophenol	54.1	ND	47.5	88	46 - 115	
2,4-Dinitrotoluene	54.1	ND	36.7	68	55 - 113	
2,6-Dinitrotoluene	54.1	ND	35.7	66	61 - 106	
Di-n-octyl phthalate	54.1	ND	30.7	57*	59 - 113	a
1,2-Diphenylhydrazine (as	54.1	ND	37.3	69	65 - 115	
Fluoranthene	54.1	ND	34.9	65	65 - 112	
Fluorene	54.1	ND	38.5	71	66 - 106	
Hexachlorobenzene	54.1	ND	35.3	65	65 - 108	
Hexachlorocyclopentadiene	54.1	ND	21.6	40	1 - 91	
Hexachloroethane	54.1	ND	38.7	72	56 - 112	
Indeno(1,2,3-cd)pyrene	54.1	ND	33.6	62	60 - 118	
Isophorone	54.1	ND	37.7	70	64 - 112	
2-Methylnaphthalene	54.1	ND	40.7	75	62 - 107	
2-Methylphenol	54.1	ND	37.6	70	57 - 106	
2-Nitroaniline	54.1	ND	18.0	33*	58 - 113	a
3-Nitroaniline	54.1	ND	9.56	18*	43 - 124	a
4-Nitroaniline	54.1	ND	8.95	17*	48 - 130	a
Nitrobenzene	54.1	ND	53.9	100	61 - 108	
2-Nitrophenol	54.1	ND	43.4	80	63 - 107	
4-Nitrophenol	54.1	ND	39.6	73	46 - 122	
N-Nitrosodi-n-propylamine	54.1	ND	44.2	82	53 - 113	
N-Nitrosodimethylamine	54.1	ND	37.4	69	36 - 114	
N-Nitrosodiphenylamine	54.1	ND	29.5	55	46 - 92	

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SW846 8270C MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Laboratories, Inc. Client: EA Engineering, Science and Technology

Lab Code: TALAUS SDG No:

Matrix Spike ID: LAB MS/MSD

Lot #: I7L050311 WO #: KDHN61AF
BATCH: 7341534

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENT. (ug/L)	MS CONCENT. (ug/L)	MS % REC	LIMITS REC	QUAL
Phenanthrene	54.1	ND	33.5	62	60 - 112	
Phenol	54.1	ND	39.6	73	54 - 124	
Pyrene	54.1	ND	31.9	59*	64 - 108	a
Pyridine	54.1	ND	34.8	63	18 - 126	
2,4,5-Trichlorophenol	54.1	ND	34.5	64	56 - 109	
2,4,6-Trichlorophenol	54.1	ND	40.4	75	62 - 106	
Benzidine	54.1	ND	0.0	0*	1 - 87	a
Acetophenone	54.1	ND	39.5	73	62 - 115	
Biphenyl	54.1	ND	37.1	69	43 - 162	

NOTES(S):

a Spiked analyte recovery is outside stated control limits.

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

RPD: 0 out of 0 outside limits
Spike Recovery: 18 out of 65 outside limits

COMMENTS:

SW846 8270C MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Laboratories, Inc. Client: EA Engineering, Science and Technology

Lab Code: TALAUS SDG No:

Matrix Spike ID: LAB MS/MSD

Lot #: I7L050311 WO #: KDHN61AG
BATCH: 7341534

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENT. (ug/L)	MSD % REC	% RPD		QC LIMITS RPD	QC LIMITS REC	QUAL
Acenaphthene	50.0	33.5	67	5.0		30	67 - 105	
Acenaphthylene	50.0	34.4	69	4.9		30	65 - 106	
Aniline	50.0	5.38	11*	25		30	26 - 111	a
Anthracene	50.0	29.0	58*	9.5		30	60 - 108	a
Benzo(a)anthracene	50.0	30.4	61*	8.5		30	63 - 109	a
Benzo(b)fluoranthene	50.0	31.2	62	11		30	59 - 108	
Benzo(k)fluoranthene	50.0	27.9	56*	12		30	57 - 125	a
Benzoic acid	50.0	35.6	71	3.6		30	10 - 119	
Benzo(ghi)perylene	50.0	29.4	59	15		30	55 - 124	
Benzo(a)pyrene	50.0	24.9	50*	16		30	64 - 104	a
Benzyl alcohol	50.0	32.0	64	8.1		30	57 - 122	
2-Chlorophenol	50.0	35.5	71	4.9		30	61 - 106	
4-Chloro-3-methylphenol	50.0	37.5	75	2.0		30	64 - 105	
bis(2-Chloroethoxy)methan	50.0	37.2	74	4.1		30	56 - 112	
bis(2-Chloroethyl) ether	50.0	33.1	66	8.8		30	55 - 110	
bis(2-Chloroisopropyl) et	50.0	33.6	67	8.5		30	54 - 112	
bis(2-Ethylhexyl) phthala	50.0	29.6	52	6.8		30	10 - 174	
4-Bromophenyl phenyl ethe	50.0	32.9	66	8.8		30	60 - 116	
Butyl benzyl phthalate	50.0	27.7	55*	13		30	59 - 109	a
Carbazole	50.0	37.5	75	2.3		30	57 - 114	
4-Chloroaniline	50.0	7.75	16*	37	*	30	35 - 110	a p
2-Chloronaphthalene	50.0	33.1	66	14		30	62 - 112	
4-Chlorophenyl phenyl eth	50.0	33.3	67	13		30	57 - 110	
Chrysene	50.0	25.3	51*	12		30	65 - 111	a
Dibenz(a,h)anthracene	50.0	25.5	51*	10		30	60 - 118	a
Dibenzofuran	50.0	37.7	75	6.6		30	65 - 108	
Di-n-butyl phthalate	50.0	30.0	60	6.6		30	60 - 110	
3,3'-Dichlorobenzidine	50.0		2*	3.8		30	22 - 121	a

(Continued on next page)

SW846 8270C MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Laboratories, Inc. Client: EA Engineering, Science and Technology

Lab Code: TALAUS SDG No:

Matrix Spike ID: LAB MS/MSD

Lot #: I7L050311 WO #: KDHN61AG
BATCH: 7341534

COMPOUND	SPIKE ADDED	MSD CONCENT.	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	QUAL
2,4-Dichlorophenol	50.0	38.6	77	2.8	30	64 - 106	
Diethyl phthalate	50.0	36.0	72	5.9	30	61 - 108	
2,4-Dimethylphenol	50.0	14.0	28	20	30	17 - 97	
Dimethyl phthalate	50.0	35.9	72	9.5	30	65 - 105	
4,6-Dinitro-2-methylpheno	50.0	33.0	66	1.3	30	65 - 114	
2,4-Dinitrophenol	50.0	45.2	90	4.9	30	46 - 115	
2,4-Dinitrotoluene	50.0	35.5	71	3.2	30	55 - 113	
2,6-Dinitrotoluene	50.0	34.5	69	3.4	30	61 - 106	
Di-n-octyl phthalate	50.0	27.3	55*	12	30	59 - 113	a
1,2-Diphenylhydrazine (as	50.0	35.3	71	5.6	30	65 - 115	
Fluoranthene	50.0	31.4	63*	11	30	65 - 112	a
Fluorene	50.0	34.1	68	12	30	66 - 106	
Hexachlorobenzene	50.0	30.9	62*	13	30	65 - 108	a
Hexachlorocyclopentadiene	50.0	19.6	39	9.6	30	1 - 91	
Hexachloroethane	50.0	34.4	69	12	30	56 - 112	
Indeno(1,2,3-cd)pyrene	50.0	29.8	60	12	30	60 - 118	
Isophorone	50.0	35.9	72	5.0	30	64 - 112	
2-Methylnaphthalene	50.0	38.3	77	6.1	30	62 - 107	
2-Methylphenol	50.0	35.5	71	5.9	30	57 - 106	
2-Nitroaniline	50.0	18.3	37*	1.8	30	58 - 113	a
3-Nitroaniline	50.0	10.0	20*	4.6	30	43 - 124	a
4-Nitroaniline	50.0	11.3	23*	23	30	48 - 130	a
Nitrobenzene	50.0	50.9	102	5.8	30	61 - 108	
2-Nitrophenol	50.0	40.8	82	6.0	30	63 - 107	
4-Nitrophenol	50.0	42.3	85	6.7	30	46 - 122	
N-Nitrosodi-n-propylamine	50.0	41.7	83	5.7	30	53 - 113	
N-Nitrosodimethylamine	50.0	33.2	66	12	30	36 - 114	
N-Nitrosodiphenylamine	50.0	28.1	56	4.8	30	46 - 92	

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SW846 8270C MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Laboratories, Inc. Client: EA Engineering, Science and Technology

Lab Code: TALAUS SDG No:

Matrix Spike ID: LAB MS/MSD

Lot #: I7L050311 WO #: KDHN61AG
BATCH: 7341534

COMPOUND	SPIKE ADDED	MSD CONCENT.	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	QUAL
Phenanthrene	50.0	32.6	65	2.7	30	60 - 112	
Phenol	50.0	40.6	81	2.6	30	54 - 124	
Pyrene	50.0	28.1	56*	13	30	64 - 108	a
Pyridine	50.0	30.9	61	12	30	18 - 126	
2,4,5-Trichlorophenol	50.0	32.6	65	5.8	30	56 - 109	
2,4,6-Trichlorophenol	50.0	44.1	88	8.6	30	62 - 106	
Benzidine	50.0	0.0	0*	0.0	30	1 - 87	a
Acetophenone	50.0	36.3	73	8.4	30	62 - 115	
Biphenyl	50.0	36.0	72	3.0	30	43 - 162	

NOTES (S):

a Spiked analyte recovery is outside stated control limits.

p Relative percent difference (RPD) is outside stated control limits.

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

RPD: 1 out of 65 outside limits
Spike Recovery: 18 out of 65 outside limits

COMMENTS:

SW846 8270C CHECK SAMPLE RECOVERY

Lab Name: TestAmerica Laboratories, Inc. Client: EA Engineering, Science and Technology

Lab Code: TALAUS SDG No:

Lot #: I7L070000 WO #: KDP1R1AC
BATCH: 7341534

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENT. (ug/L)	% REC	QC LIMITS REC	QUAL
Acenaphthene	50.0	34.7	69	67 - 105	
Acenaphthylene	50.0	35.1	70	65 - 106	
Aniline	50.0	23.1	46	26 - 111	
Anthracene	50.0	34.5	69	60 - 108	
Benzo(a)anthracene	50.0	36.4	73	63 - 109	
Benzo(b)fluoranthene	50.0	35.6	71	59 - 108	
Benzo(k)fluoranthene	50.0	34.6	69	57 - 125	
Benzoic acid	50.0	20.0	40	10 - 119	
Benzo(ghi)perylene	50.0	36.4	73	55 - 124	
Benzo(a)pyrene	50.0	34.9	70	64 - 104	
Benzyl alcohol	50.0	31.9	64	57 - 122	
2-Chlorophenol	50.0	34.0	68	61 - 106	
4-Chloro-3-methylphenol	50.0	37.1	74	64 - 105	
bis(2-Chloroethoxy)methan	50.0	35.4	71	56 - 112	
bis(2-Chloroethyl) ether	50.0	32.1	64	55 - 110	
bis(2-Chloroisopropyl) et	50.0	31.9	64	54 - 112	
bis(2-Ethylhexyl) phthala	50.0	33.7	67	10 - 174	
4-Bromophenyl phenyl ethe	50.0	37.0	74	60 - 116	
Butyl benzyl phthalate	50.0	31.0	62	59 - 109	
Carbazole	50.0	37.2	74	57 - 114	
4-Chloroaniline	50.0	36.2	72	35 - 110	
2-Chloronaphthalene	50.0	35.9	72	62 - 112	
4-Chlorophenyl phenyl eth	50.0	37.6	75	57 - 110	
Chrysene	50.0	30.8	62*	65 - 111	a
Dibenz(a,h)anthracene	50.0	30.7	61	60 - 118	
Dibenzofuran	50.0	37.0	74	65 - 108	
Di-n-butyl phthalate	50.0	33.2	66	60 - 110	
3,3'-Dichlorobenzidine	50.0	30.3	61	22 - 121	
2,4-Dichlorophenol	50.0	37.1	74	64 - 106	
Diethyl phthalate	50.0	37.5	75	61 - 108	
2,4-Dimethylphenol	50.0	32.5	65	17 - 97	

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SW846 8270C CHECK SAMPLE RECOVERY

Lab Name: TestAmerica Laboratories, Inc. Client: EA Engineering, Science and Technology

Lab Code: TALAUS SDG No:

Lot #: I7L070000 WO #: KDP1R1AC
BATCH: 7341534

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENT. (ug/L)	% REC	QC LIMITS REC	QUAL
Dimethyl phthalate	50.0	37.2	74	65- 105	
4,6-Dinitro-2-methylpheno	50.0	30.6	61*	65- 114	a
2,4-Dinitrophenol	50.0	35.8	72	46- 115	
2,4-Dinitrotoluene	50.0	34.5	69	55- 113	
2,6-Dinitrotoluene	50.0	33.9	68	61- 106	
Di-n-octyl phthalate	50.0	31.9	64	59- 113	
1,2-Diphenylhydrazine (as	50.0	36.8	74	65- 115	
Fluoranthene	50.0	37.6	75	65- 112	
Fluorene	50.0	37.0	74	66- 106	
Hexachlorobenzene	50.0	37.2	74	65- 108	
Hexachlorocyclopentadiene	50.0	17.5	35	1- 91	
Hexachloroethane	50.0	34.1	68	56- 112	
Indeno(1,2,3-cd)pyrene	50.0	37.0	74	60- 118	
Isophorone	50.0	34.8	70	64- 112	
2-Methylnaphthalene	50.0	38.4	77	62- 107	
2-Methylphenol	50.0	33.7	67	57- 106	
2-Nitroaniline	50.0	37.0	74	58- 113	
3-Nitroaniline	50.0	36.2	72	43- 124	
4-Nitroaniline	50.0	35.8	72	48- 130	
Nitrobenzene	50.0	35.3	71	61- 108	
2-Nitrophenol	50.0	35.3	71	63- 107	
4-Nitrophenol	50.0	31.6	63	46- 122	
N-Nitrosodi-n-propylamine	50.0	41.4	83	53- 113	
N-Nitrosodimethylamine	50.0	33.0	66	36- 114	
N-Nitrosodiphenylamine	50.0	30.0	60	46- 92	
Phenanthrene	50.0	34.9	70	60- 112	
Phenol	50.0	31.9	64	54- 124	
Pyrene	50.0	33.3	67	64- 108	
Pyridine	50.0	30.3	61	18- 126	
2,4,5-Trichlorophenol	50.0	30.4	61	56- 109	
2,4,6-Trichlorophenol	50.0	34.5	69	62- 106	

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SW846 8270C CHECK SAMPLE RECOVERY

Lab Name: TestAmerica Laboratories, Inc. Client: EA Engineering, Science and Technology

Lab Code: TALAUS SDG No:

Lot #: I7L070000 WO #: KDP1R1AC
BATCH: 7341534

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENT. (ug/L)	% REC	QC LIMITS REC	QUAL
Benzidine	50.0	8.66	17	1- 87	
Acetophenone	50.0	36.4	73	62- 115	
Biphenyl	50.0	34.4	69	43- 162	

NOTES(S):

a Spiked analyte recovery is outside stated control limits.

* Values outside of QC limits

Spike Recovery: 2 out of 65 outside limits

COMMENTS:

SW846 8270C METHOD BLANK SUMMARY

BLANK WORKORDER NO.: KDP1R1AA

Lab Name: TestAmerica Laboratories, Inc.

Lab Code: TALAUS

SDG Number:

Lab File ID: N121213.D

Lot Number: I7L050202

Date Analyzed: 12/12/07

Time Analyzed: 12:51

Matrix: WATER

Date Extracted:12/07/07

GC Column: RXI-5 MS ID: .18

Extraction Method: 3520C

Instrument ID: N1C

Level: (low/med) LOW

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, LCS, LCSD, MS , MSD:

	CLIENT ID.	SAMPLE WORK ORDER #	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	NE3 MW-30B	KDG1R1AD	N121222.D	12/12/07	15:59
02	NE3 MW-30B	KDG1R2AD	N121322.D	12/13/07	22:17
03	INTRA-LAB QC	KDHN61AA	N121215.D	12/12/07	13:33
04	LAB MS/MSD	KDHN61AF S	N121216.D	12/12/07	13:53
05	LAB MS/MSD	KDHN61AG D	N121217.D	12/12/07	14:14
06	CHECK SAMPLE	KDP1R1AC C	N121214.D	12/12/07	13:12
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
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30					

COMMENTS:

SUPPORTING DOCUMENTATION DESCRIPTION PAGE

QC & Sample Data

Calibration Data

Method: 8270C

Associated Samples: 1

Batch Number: 7341534

FORM 5
SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Contract:

Lab Code: Case No.: SAS No.: SDG No.: N121207.B

Lab File ID: N121201 DFTPP Injection Date: 12/12/07

Instrument ID: MSN1 DFTPP Injection Time: 0845

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	55.2
68	Less than 2.0% of mass 69	0.0 (0.0)1
69	Mass 69 relative abundance	53.9
70	Less than 2.0% of mass 69	0.2 (0.3)1
127	40.0 - 60.0% of mass 198	54.5
197	Less than 1.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	6.9
275	10.0 - 30.0% of mass 198	29.5
365	Greater than 1.0% of mass 198	4.02
441	Present, but less than mass 443	12.3
442	Greater than 40.0% of mass 198	84.9
443	17.0 - 23.0% of mass 442	16.4 (19.3)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	HSL_10	CCALIB_5	N121202	12/12/07	0900
02	AP9_10	CCALIB_5	N121203	12/12/07	0920
03	LSS-T4-D31	KC8CT2AC	N121207	12/12/07	1044
04	345138-1	KDARG1AA	N121208	12/12/07	1104
05	I7L030132-00	KDARG2AA	N121210	12/12/07	1149
06	ACRYLONITRIL	KC20C1AA	N121211	12/12/07	1209
07	I7L070000-53	KDP1R1AAB	N121213	12/12/07	1251
08	I7L070000-53	KDP1R1ACC	N121214	12/12/07	1312
09	OUTFALL 001	KDHN61AA	N121215	12/12/07	1333
10	I7L050311-00	KDHN61AFS	N121216	12/12/07	1353
11	I7L050311-00	KDHN61AGD	N121217	12/12/07	1414
12	MW-02	KDDP91AE	N121218	12/12/07	1435
13	MW-04	KDDQ21AE	N121219	12/12/07	1456
14	MW-04R	KDDQ41AE	N121220	12/12/07	1517
15	OLD-K-EQBLK-	KDGGN1AX	N121221	12/12/07	1538
16	NE3 MW-30B	KDG1R1AD	N121222	12/12/07	1559
17	MW-16	KDG281AE	N121223	12/12/07	1620
18	MW-08	KDG3J1AE	N121224	12/12/07	1640
19	MW-08R	KDG3K1AE	N121225	12/12/07	1701
20	MW-09	KDG3P1AE	N121226	12/12/07	1722
21	MW-09R	KDG3Q1AE	N121227	12/12/07	1743
22	MW-15	KDG3R1AE	N121228	12/12/07	1804

STL Austin

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egrator : HP RTE
thod file : \\AUSSVR02\INS_DATA\MSN1.i\N110807.B\N1108BP.m
st Edit : 09-Nov-2007 08:19 MSN1.i

libration File Names:
vel 1: \\AUSSVR02\INS_DATA\MSN1.i\N110807.B\N110803.D
vel 2: \\AUSSVR02\INS_DATA\MSN1.i\N110807.B\N110804.D
vel 3: \\AUSSVR02\INS_DATA\MSN1.i\N110807.B\N110805.D
vel 4: \\AUSSVR02\INS_DATA\MSN1.i\N110807.B\N110806.D
vel 5: \\AUSSVR02\INS_DATA\MSN1.i\N110807.B\N110807.D
vel 6: \\AUSSVR02\INS_DATA\MSN1.i\N110807.B\N110808.D
vel 7: \\AUSSVR02\INS_DATA\MSN1.i\N110807.B\N110809.D
vel 8: \\AUSSVR02\INS_DATA\MSN1.i\N110807.B\N110810.D

Compound	0.2000000 Level 1	1.0000 Level 2	2.0000 Level 3	5.0000 Level 4	10.0000 Level 5	15.0000 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2
	20.0000 Level 7	30.0000 Level 8									
3 Bis (chloromethyl) ether	1.28556	1.31118	1.25462	1.30152	1.42214	1.45909					
	1.41975	1.41085					AVRG		1.35809		5.72093
4 N-Nitrosodimethylamine	0.82997	0.89895	0.83400	0.87964	0.97534	0.97646					
	0.93666	0.92888					AVRG		0.90749		6.30644
5 Pyridine	1.37880	1.52010	1.45119	1.51291	1.72443	1.76541					
	1.70899	1.71980					AVRG		1.59770		9.28583

11-9-7

JG 11-15-07

205/584

STL Austin

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Compound	0.2000000 Level 1 / 20.0000 Level 7	1.0000 Level 2 / 30.0000 Level 8	2.0000 Level 3	5.0000 Level 4	10.0000 Level 5	15.0000 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2
16 Phenol	1.87113	2.02564	1.96712	2.04585	2.38433	2.46443					
	2.49638	2.62664					AVRG		2.23519		12.88256
18 Aniline	+++++	2.31452	2.24623	2.33361	2.66248	2.80662					
	2.81344	3.27415					AVRG		2.63587		13.98446
19 bis(2-Chloroethyl)ether	1.29899	1.25535	1.23660	1.25080	1.44060	1.58643					
	1.53221	1.53059					AVRG		1.39145		10.53586
21 2-Chlorophenol	1.28415	1.40388	1.36934	1.36387	1.63464	1.68604					
	1.69518	1.75109					AVRG		1.52352		12.17597
32 1,3-Dichlorobenzene	1.33784	1.49659	1.42986	1.48445	1.66655	1.70196					
	1.66258	1.69789					AVRG		1.55971		8.97155
34 1,4-Dichlorobenzene	1.55398	1.63632	1.48737	1.56375	1.80321	1.82516					
	1.81038	1.86080					AVRG		1.69262		8.73660
37 1,2-Dichlorobenzene	1.37315	1.39296	1.35440	1.39761	1.64897	1.67300					
	1.67567	1.74567					AVRG		1.53268		10.86241

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Compound	0.2000000 Level 1	1.0000 Level 2	2.0000 Level 3	5.0000 Level 4	10.0000 Level 5	15.0000 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2
	20.0000 Level 7	30.0000 Level 8									
5 Benzyl Alcohol	+++++	0.92763	0.87758	0.96362	1.12058	1.13834					
	1.10630	1.15577					AVRG		1.04140		11.00370
9 bis(2-Chloroisopropyl)ether	2.77173	2.77545	2.68171	2.77949	3.25059	3.25483					
	3.17543	3.28596					AVRG		2.99690		8.85230
8 2-Methylphenol	1.19162	1.30360	1.28888	1.30857	1.54598	1.57437					
	1.54663	1.59560					AVRG		1.41941		11.35635
0 3-(and/or 4-)Methylphenol	1.20787	1.39842	1.36257	1.36606	1.57928	1.60245					
	1.60180	1.69896					AVRG		1.47718		11.30035
3 N-Nitroso-di-n-propylamine	1.11321	1.24200	1.28049	1.27577	1.50607	1.52532					
	1.48805	1.55369					AVRG		1.37308		11.98150
' Hexachloroethane	0.54531	0.61493	0.61695	0.64406	0.74800	0.74606					
	0.72687	0.74721					AVRG		0.67367		11.63757
Nitrobenzene	0.42281	0.47028	0.45517	0.47697	0.55275	0.54792					
	0.54361	0.54193					AVRG		0.50143		10.14222

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Compound	0.2000000 Level 1 / 20.0000 Level 7	1.0000 Level 2 / 30.0000 Level 8	2.0000 Level 3	5.0000 Level 4	10.0000 Level 5	15.0000 Level 6	Curve	Coefficients b	Coefficients m1	Coefficients m2	%RSD or R^2
41 Isophorone	0.62081	0.66983	0.64625	0.68334	0.80947	0.81132					
	0.80367	0.79238					AVRG		0.72963		11.22814
13 2-Nitrophenol	+++++	0.17125	0.16705	0.17964	0.21290	0.21443					
	0.21565	0.21588					AVRG		0.19669		11.59665
12 2,4-Dimethyphenol	0.36210	0.40401	0.38192	0.41038	0.47410	0.47773					
	0.47506	0.48068					AVRG		0.43325		11.28063
15 Benzoic Acid	+++++	2498	5965	18325	47951	72491					
	97977	149686					WLINR	0.06898	0.19076		0.99776
16 Bis(2-chloroethoxy)methane	0.38436	0.42941	0.40021	0.40685	0.47759	0.47920					
	0.47548	0.48151					AVRG		0.44182		9.29077
17 2,4-Dichlorophenol	0.22262	0.26030	0.24801	0.26055	0.30788	0.31068					
	0.31188	0.31986					AVRG		0.28022		13.08067
19 1,2,4-Trichlorobenzene	0.26681	0.29608	0.28565	0.28848	0.34697	0.34452					
	0.34896	0.35674					AVRG		0.31678		11.32441

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Compound	0.2000000 Level 1 / 20.0000 Level 7	1.0000 Level 2 / 30.0000 Level 8	2.0000 Level 3	5.0000 Level 4	10.0000 Level 5	15.0000 Level 6	Curve	Coefficients b	Coefficients m1	Coefficients m2	%RSD or R^2
51 Naphthalene	1.03670 / 1.24553	1.06825 / 1.26947	1.00306	1.04051	1.22801	1.24677	AVRG		1.14229		10.00741
52 4-Chloroaniline	0.33697 / 0.46519	0.38272 / 0.46318	0.37424	0.38769	0.45945	0.45942	AVRG		0.41611		12.29387
55 Hexachlorobutadiene	0.16882 / 0.22617	0.19559 / 0.23221	0.18476	0.18795	0.22272	0.22478	AVRG		0.20537		11.62520
63 4-Chloro-3-Methylphenol	0.30037 / 0.42017	0.32939 / 0.43624	0.32912	0.34854	0.41609	0.42025	AVRG		0.37502		14.24645
67 2-Methylnaphthalene	0.62317 / 0.79606	0.67187 / 0.82595	0.63880	0.66016	0.78396	0.78955	AVRG		0.72369		11.40630
58 1-Methylnaphthalene	0.66027 / 0.80341	0.67717 / 0.82895	0.62945	0.66172	0.78506	0.79358	AVRG		0.72995		10.94511
59 Hexachlorocyclopentadiene	+++++ / 98691	+++++ / 170397	2699	11663	39749	67916	LINR	0.28643	0.36465		0.99328

avg RF = 0.1299247

STL Austin

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Compound	0.2000000 Level 1 / 20.0000 Level 7	1.0000 Level 2 / 30.0000 Level 8	2.0000 Level 3	5.0000 Level 4	10.0000 Level 5	15.0000 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2
72 2,4,6-Trichlorophenol	+++++ / 0.37077	0.28868 / 0.37893	0.27756	0.30279	0.35820	0.36755	AVRG		0.33493		12.95136
74 2,4,5-Trichlorphenol	+++++ / 140528	5427 / 226557	10493	26466	65998	101628	WLINR	0.05218	0.44091		0.99547
78 2-Chloronaphthalene	0.47209 / 0.58358	0.48816 / 0.59514	0.46533	0.48239	0.56483	0.57640	AVRG		0.52849		10.61123
80 2-Nitroaniline	+++++ / 0.52343	0.41238 / 0.51724	0.41555	0.44231	0.52203	0.52330	AVRG		0.47946		11.12131
82 1,4-Dinitrobenzene	+++++ / 0.22697	+++++ / 0.22964	0.16103	0.17909	0.21909	0.22225	AVRG		0.20635		14.01229
83 Dimethylphthalate	1.16239 / 1.46173	1.27327 / 1.47110	1.21681	1.26491	1.45000	1.44880	AVRG		1.34363		9.44123
85 2,6-Dinitrotoluene	+++++ / 0.34025	0.27856 / 0.34597	0.27803	0.29267	0.34056	0.33797	AVRG		0.31629		9.96372

%RSD = 76.01L

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Compound	0.2000000 Level 1	1.0000 Level 2	2.0000 Level 3	5.0000 Level 4	10.0000 Level 5	15.0000 Level 6	Curve	Coefficients b	Coefficients m1	Coefficients m2	%RSD or R^2	
	20.0000 Level 7	30.0000 Level 8										
84 1,3-Dinitrobenzene	+++++	0.19064	0.19490	0.20930	0.25003	0.25040						
	0.24703	0.24093					AVRG		0.22618		11.88272	
86 Acenaphthylene	1.56907	1.71595	1.67662	1.73118	2.04443	2.09229						
	2.13823	2.26528					AVRG		1.90413		13.60355	
89 3-Nitroaniline	+++++	0.26405	0.27311	0.28669	0.32425	0.32641						
	0.33242	0.32902					AVRG		0.30514		9.63539	
92 Acenaphthene	1.11119	1.08801	1.04607	1.07726	1.27577	1.30517						
	1.33167	1.38077					AVRG		1.20199		11.16071	
93 2,4-Dinitrophenol	+++++	+++++	+++++	5439	20730	35079						Avg RF = 0.1587
	52814	95808					LINR	0.43117	0.21698		0.99304	
94 4-Nitrophenol	+++++	2540	6239	16012	42936	65361						ave RF = 23158
	91241	146342					WLINR	0.07010	0.28778		0.99552	
96 2,4-Dinitrotoluene	+++++	0.35562	0.38656	0.39605	0.47419	0.48984						
	0.50048	0.52903					AVRG		0.44739		14.92739	

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Compound	0.2000000 Level 1 / 20.0000 Level 7	1.0000 Level 2 / 30.0000 Level 8	2.0000 Level 3	5.0000 Level 4	10.0000 Level 5	15.0000 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2
97 Dibenzofuran	1.49722 / 1.87449	1.53444 / 1.96222	1.45780	1.51059	1.79413	1.84168	AVRG		1.68407		12.06891
99 2,3,5,6-Tetrachlorophenol	+++++ / 105653	3112 / 169940	6945	18577	48395	76577	WLINR	0.07051	0.33349		0.99496
101 2,3,4,6-tetrachlorophenol	+++++ / 111066	4188 / 183951	8444	22278	54258	81702	WLINR	0.09838	0.36982		0.99722
103 Diethylphthalate	1.25542 / 1.59137	1.33570 / 1.60123	1.31412	1.34473	1.57158	1.57373	AVRG		1.44848		10.22006
105 4-Chlorophenyl-phenylether	+++++ / 0.83550	0.63701 / 0.90134	0.63954	0.64874	0.77656	0.80040	AVRG		0.74844		14.29315
107 Fluorene	1.22083 / 1.59759	1.26119 / 1.67743	1.21548	1.25531	1.49997	1.56229	AVRG		1.41126		13.59522
109 4,6-Dinitro-2-methylphenol	+++++ / 96057	1953 / 156988	4596	14999	42844	68598	WLINR	0.09554	0.15719		0.99241

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108 4-Nitroaniline	+++++ / 0.35504	0.27897 / 0.36263	0.27803	0.28747	0.33745	0.33943	AVRG		0.31986		11.57891
110 N-Nitrosodiphenylamine/DPA	0.98841 / 1.33603	1.07223 / 1.39519	1.04778	1.08178	1.27601	1.29249	AVRG		1.18624		13.04668
111 Azobenzene	0.76150 / 1.00945	0.84845 / 1.01858	0.84332	0.86730	1.01313	1.01832	AVRG		0.92251		11.21360
122 4-Bromophenyl-phenylether	0.17634 / 0.22794	0.17697 / 0.24191	0.17351	0.18349	0.22279	0.22551	AVRG		0.20356		13.98148
123 Hexachlorobenzene	0.17918 / 0.22323	0.17597 / 0.23095	0.17419	0.17969	0.21493	0.22009	AVRG		0.19978		12.28059
127 Pentachlorophenol	+++++ / 58728	+++++ / 101036	+++++	6650	23587	40943	LINR	0.35828	0.11490		0.99794
133 Phenanthrene	1.03878 / 1.19620	0.98654 / 1.25221	0.91976	0.95166	1.15168	1.17580	AVRG		1.08408		11.55935

%RSD = 29.395

STL Austin

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Compound	0.2000000 Level 1 / 20.0000 Level 7	1.0000 Level 2 / 30.0000 Level 8	2.0000 Level 3	5.0000 Level 4	10.0000 Level 5	15.0000 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2
134 Anthracene	0.89404	0.90246	0.89715	0.92633	1.13599	1.16786					
	1.18306	1.21826					AVRG		1.04064		14.12997
135 Carbazole	0.83833	0.83371	0.82533	0.85802	1.00421	1.02044					
	1.03769	1.07935					AVRG		0.93713		11.47842
137 Di-n-Butylphthalate	6685	36334	71310	182440	459100	708015					
	961468	1553650					LINR	0.07177	1.58694		0.99774
142 Fluoranthene	0.95386	0.98242	0.99783	1.03494	1.25777	1.27483					
	1.28367	1.34682					AVRG		1.14152		14.28656
144 Benzidine	2571	12133	25436	64817	181075	292205					
	417079	695268					LINR	0.09280	0.66025		0.99682
145 Pyrene	1.05497	1.11834	1.07338	1.11212	1.30714	1.29308					
	1.28377	1.27925					AVRG		1.19026		9.21099
152 Butylbenzylphthalate	3047	16144	31470	82015	203548	312406					
	424321	684043					LINR	0.03602	0.64920		0.99933

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Compound	0.2000000 Level 1 / 20.0000 Level 7	1.0000 Level 2 / 30.0000 Level 8	2.0000 Level 3	5.0000 Level 4	10.0000 Level 5	15.0000 Level 6	Curve	Coefficients b	Coefficients m1	Coefficients m2	%RSD or R^2
158 3,3'-Dichlorobenzidine	1982 / 322927	10686 / 494793	21467	55190	144986	229632	WLINR	0.01741	0.46693		0.99495
159 Benzo(a)anthracene	1.21158 / 1.25751	1.13572 / 1.26404	1.07216	1.09549	1.26257	1.25725	AVRG		1.19454		6.77835
156 bis(2-Ethylhexyl)phthalate	4733 / 707421	22813 / 1118444	46087	121607	318997	504035	WLINR	0.05657	1.07188		0.99884
161 Chrysene	1.03707 / 1.16083	1.01912 / 1.19743	0.97526	0.98288	1.18335	1.17901	AVRG		1.09187		8.86822
162 Di-n-octylphthalate	+++++ / 1021696	34630 / 1671285	69831	183474	471688	740242	WLINR	0.06212	2.01648		0.99503
166 Benzo(b)fluoranthene	1.07589 / 1.47349	1.13854 / +++++	1.10287	1.16749	1.38245	1.50844	AVRG		1.26417		14.58845
167 Benzo(k)fluoranthene	1.24279 / 1.61022	1.23985 / 1.52648	1.22877	1.26366	1.54410	1.50605	AVRG		1.39524		11.81714

< 20 % o.k
% RSD = 20.05

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INITIAL CALIBRATION DATA

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thod file : \\AUSSVR02\INS_DATA\MSN1.i\N110807.B\N1108BP.m
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Compound	0.2000000 Level 1 / 20.0000 Level 7	1.0000 Level 2 / 30.0000 Level 8	2.0000 Level 3	5.0000 Level 4	10.0000 Level 5	15.0000 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2
168 Benzo(a)pyrene	0.99201	1.02859	0.99996	1.04690	1.28520	1.31891					
	1.34052	1.37713					AVRG		1.17365		14.51193
173 Indeno(1,2,3-cd)pyrene	1.08907	1.14211	1.16937	1.22688	1.48737	1.49770					
	1.48919	1.48615					AVRG		1.32348		13.75728
174 Dibenz(a,h)anthracene	4959	26764	52285	132388	332061	511935					
	691900	1068258					LINR	0.04720	1.33896		0.99908
176 Benzo(g,h,i)perylene	0.89734	0.96919	0.95188	0.98796	1.17869	1.16035					
	1.13913	1.08139					AVRG		1.04574		10.27593
12 2-Fluorophenol	1.13676	1.24311	1.19567	1.24553	1.45328	1.48409					
	1.46088	1.52417					AVRG		1.34294		11.34566
15 Phenol-d5	1.55115	1.70475	1.58793	1.66346	1.95621	1.98705					
	1.99713	2.07182					AVRG		1.81494		11.50044

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Compound	0.2000000 Level 1 / 20.0000 Level 7	1.0000 Level 2 / 30.0000 Level 8	2.0000 Level 3	5.0000 Level 4	10.0000 Level 5	15.0000 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2
14 2,4,6-Tribromophenol	+++++	3099	6344	16608	40944	63292					
	87469	143051					WLINR	0.08554	0.09436		0.99558
38 Nitrobenzene-d5	0.36783	0.40532	0.40553	0.41428	0.49003	0.48252					
	0.48222	0.47371					AVRG		0.44018		10.68708
75 2-Fluorobiphenyl	1.22753	1.17842	1.12862	1.17856	1.42262	1.45211					
	1.49588	1.56977					AVRG		1.33169		12.86431
47 Terphenyl-d14	0.74654	0.77775	0.75774	0.78674	0.94307	0.94940					
	0.95479	0.96778					AVRG		0.86048		11.70023

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erage %RSD Results.	
lculated Average %RSD =	11.43958
ximun Average %RSD =	15.00000
Passed Average %RSD Test.	

urve	Formula	Units
veraged	Amt = Rsp/ml	Response
inear	Amt = b + Rsp/ml	Response
t Linear	Amt = b + Rsp/ml	Response

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libration File Names:
vel 1: \\AUSSVR02\INS_DATA\MSN1.i\N110807.B\N110803.D
vel 2: \\AUSSVR02\INS_DATA\MSN1.i\N110807.B\N110811.D
vel 3: \\AUSSVR02\INS_DATA\MSN1.i\N110807.B\N110812.D
vel 4: \\AUSSVR02\INS_DATA\MSN1.i\N110807.B\N110813.D
vel 5: \\AUSSVR02\INS_DATA\MSN1.i\N110807.B\N110814.D
vel 6: \\AUSSVR02\INS_DATA\MSN1.i\N110807.B\N110815.D
vel 7: \\AUSSVR02\INS_DATA\MSN1.i\N110807.B\N110816.D
vel 8: \\AUSSVR02\INS_DATA\MSN1.i\N110807.B\N110817.D

Compound	0.2000000 Level 1	1.0000 Level 2	2.0000 Level 3	5.0000 Level 4	10.0000 Level 5	15.0000 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2
	20.0000 Level 7	30.0000 Level 8									
1 2-Ethoxyethanol	+++++	+++++	0.84503	0.84496	1.01721	1.13330					
	1.08984	1.14290					AVRG		1.01221		13.52533
2 1,4-Dioxane	+++++	0.53496	0.58103	0.56863	0.69037	0.71651					
	0.71848	0.73904					AVRG		0.64986		13.06944
6 N,N-Dimethylformamide	+++++	0.94083	0.90503	0.94927	1.08662	1.17839					
	1.10410	1.13218					AVRG		1.04234		10.37566

JG 11/15/07

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Compound	0.2000000 Level 1	1.0000 Level 2	2.0000 Level 3	5.0000 Level 4	10.0000 Level 5	15.0000 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2
	20.0000 Level 7	30.0000 Level 8									
7 Propyl cellosolve	+++++	1.98245	1.89964	1.90649	2.20900	2.32588					
	2.18449	2.21802					AVRG		2.10371		8.12467
8 2-Picoline	+++++	1.48145	1.47126	1.48273	1.72588	1.81461					
	1.76532	1.84759					AVRG		1.65555		10.26600
9 N-Nitrosomethylethylamine	+++++	0.62145	0.67806	0.63669	0.73297	0.75122					
	0.72312	0.72121					AVRG		0.69496		7.23657
10 Acrylamide	+++++	0.53669	0.57117	0.58006	0.66383	0.71476					
	0.67034	0.66676					AVRG		0.62909		10.45643
11 Methyl methanesulfonate	+++++	0.88359	0.86161	0.87426	0.99585	1.02449					
	0.99153	0.98995					AVRG		0.94589		7.32625
13 N-Nitrosodiethylamine	+++++	0.67051	0.67782	0.69046	0.79800	0.82940					
	0.81181	0.81274					AVRG		0.75582		9.54081
14 Ethyl methanesulfonate	+++++	1.17340	1.19627	1.17031	1.32999	1.38072					
	1.33179	1.33229					AVRG		1.27354		7.03596

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	20.0000 Level 7	30.0000 Level 8									
17 Benzaldehyde	+++++	0.33966	0.33289	0.33583	0.38156	0.38767					
	0.37882	0.35889					AVRG		0.35933		6.54253
20 Pentachloroethane	+++++	0.47065	0.48498	0.49819	0.57662	0.59331					
	0.57604	0.59870					AVRG		0.54264		10.22291
26 1-Methyl-2-pyrrolidone	+++++	0.83343	0.83549	0.83417	0.96543	1.06440					
	0.99172	0.99719					AVRG		0.93169		10.28228
34 Acetophenone	+++++	2.11030	2.16501	2.16703	2.54434	2.68378					
	2.64500	2.70877					AVRG		2.43203		11.17229
31 N-Nitrosopyrrolidine	+++++	4302	8158	22266	47576	75468					
	104457	164749					WLINR	0.04225	0.87319		0.99654
35 N-Nitrosomorpholine	+++++	1.23190	1.24163	1.24318	1.42516	1.50195					
	1.47971	1.53481					AVRG		1.37976		9.84085
36 o-Toluidine	+++++	13893	27323	72833	155757	243267					
	337819	524893					WLINR	0.03837	2.80215		0.99745

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Compound	0.2000000 Level 1	1.0000 Level 2	2.0000 Level 3	5.0000 Level 4	10.0000 Level 5	15.0000 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2
	20.0000 Level 7	30.0000 Level 8									
40 N-Nitrosopiperidine	+++++	0.15106	0.15986	0.16413	0.18764	0.19449					
	0.19100	0.19159					AVRG		0.17711		10.20497
44 o,o,o-Triethylphosphorothioat	+++++	0.17770	0.17761	0.18726	0.22078	0.23536					
	0.23088	0.24549					AVRG		0.21073		13.78189
48 a,a-Dimethylphenethylamine	+++++	+++++	0.67471	0.74754	0.88656	0.83526					
	0.77746	0.72888					AVRG		0.77507		9.82960
53 2,6-Dichlorophenol	+++++	0.24279	0.24050	0.24873	0.28488	0.29602					
	0.28938	0.29652					AVRG		0.27126		9.55242
54 Hexachloropropene	+++++	5235	10330	29927	66833	107416					
	146817	235045					WLINR	0.05880	0.30646		0.99549
57 N-Nitroso-di-n-butylamine	+++++	0.32053	0.33621	0.32451	0.32243	0.35455					
	0.35305	0.36110					AVRG		0.33891		5.05501
60 Caprolactum	+++++	0.10087	0.10667	0.11566	0.13529	0.12200					
	0.12612	0.12698					AVRG		0.11908		10.17375

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Compound.	0.2000000 Level 1 / 20.0000 Level 7	1.0000 Level 2 / 30.0000 Level 8	2.0000 Level 3	5.0000 Level 4	10.0000 Level 5	15.0000 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2
61 p-Phenylenediamine	+++++ / 140925	3073 / 191081	8843	28353	69526	108617	WLINR	0.06658	0.28334		0.99192
65 Safrole	+++++ / 0.34881	0.26196 / 0.36294	0.26513	0.27347	0.32477	0.34725	AVRG		0.31205		14.05404
70 1,2,4,5-Tetrachlorobenzene	+++++ / 0.61196	0.47502 / 0.65019	0.49484	0.50966	0.60230	0.62114	AVRG		0.56644		12.49858
71 Isosafrole #1	+++++ / +++++	+++++ / +++++	+++++	+++++	+++++	+++++	AVRG		0.000e+000		0.000e+000
76 Isosafrole #2	+++++ / +++++	+++++ / +++++	+++++	+++++	+++++	+++++	AVRG		0.000e+000		0.000e+000
77 Biphenyl	+++++ / 1.72965	1.33843 / 1.82629	1.37739	1.41863	1.66827	1.72267	AVRG		1.58305		12.54349
79 Diphenyl ether	+++++ / 0.93642	0.74310 / 1.00086	0.75179	0.78056	0.91501	0.94670	AVRG		0.86778		12.22165

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Compound	0.2000000 Level 1	1.0000 Level 2	2.0000 Level 3	5.0000 Level 4	10.0000 Level 5	15.0000 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2
	20.0000 Level 7	30.0000 Level 8									
81 1,4-Naphthoquinone	+++++	3927	8861	27624	61841	90742					
	111472	+++++					WLINR	0.04498	0.38565		0.99196
90 Dimethyl terephthalate	+++++	1.05680	1.04799	1.08670	1.27290	1.35602					
	1.28878	1.35844					AVRG		1.20966		11.61472
95 Pentachlorobenzene	+++++	0.42397	0.43986	0.45408	0.53619	0.56281					
	0.54933	0.58079					AVRG		0.50672		12.84158
100 1-Naphthylamine	+++++	0.89151	0.93575	0.99686	1.14981	1.19019					
	1.17156	1.21353					AVRG		1.07846		12.35135
102 2-Naphthylamine	+++++	0.86698	0.92037	0.87235	1.01548	1.06832					
	1.01292	1.04815					AVRG		0.97208		8.63411
104 Thionazin	+++++	0.27352	0.29907	0.32008	0.37821	0.39152					
	0.38701	+++++					AVRG		0.34157		14.81374
106 5-Nitro-o-toluidine	+++++	+++++	0.29115	0.32735	0.38869	0.40630					
	0.39627	0.40809					AVRG		0.36964		13.16684

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Compound	0.2000000 Level 1 / 20.0000 Level 7	1.0000 Level 2 / 30.0000 Level 8	2.0000 Level 3	5.0000 Level 4	10.0000 Level 5	15.0000 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2
112 Sulfotepp	+++++ / 0.17470	+++++ / 0.17691	0.12680	0.14013	0.16247	0.17426	AVRG		0.15921		13.19113
115 Atrazine	+++++ / 0.71187	0.99759 / +++++	0.98362	0.89583	0.95014	0.84929	AVRG		0.89806		11.88796
117 1,3,5-Trinitrobenzene	+++++ / 63868	1190 / 106989	2883	10686	26525	44612	WLINR	0.10209	0.10970		0.99016
118 Diallate #1	+++++ / +++++	+++++ / +++++	+++++	+++++	+++++	+++++	AVRG		0.000e+000		0.000e+000
119 Phenacetin	+++++ / 0.48526	+++++ / 0.47884	0.35234	0.39635	0.46504	0.49657	AVRG		0.44573		12.99525
120 Phorate	+++++ / 0.62777	0.44737 / 0.60708	0.46456	0.48865	0.56855	0.60972	AVRG		0.54481		13.94331
121 Dialate #2	+++++ / +++++	+++++ / +++++	+++++	+++++	+++++	+++++	AVRG		0.000e+000		0.000e+000

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Compound	0.2000000 Level 1	1.0000 Level 2	2.0000 Level 3	5.0000 Level 4	10.0000 Level 5	15.0000 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2
	20.0000 Level 7	30.0000 Level 8									
124 Dimethoate	+++++	0.23294	0.23750	0.25091	0.26422	0.25017					
	0.21732	0.18226					AVRG		0.23362		11.62889
126 4-Aminobiphenyl	+++++	0.54455	0.56270	0.55900	0.66410	0.70202					
	0.70224	0.66212					AVRG		0.62810		11.15341
129 Pronamide	+++++	9406	18955	52085	115510	185318					
	247527	391293					LINR	0.07134	0.42074		0.99896
128 Pentachloronitrobenzene	+++++	947	2036	5679	12931	20815					
	28579	46481					WLINR	0.10463	0.04993		0.99801
130 Dinoseb	+++++	1325	3383	14474	38750	71547					
	105938	177804					QUAD	0.15105	6.32768	-2.29833	0.99683
131 Disulfoton	+++++	10916	21021	59733	135010	221836					
	310330	496866					WLINR	0.06099	0.51508		0.99456
136 Methyl parathion	+++++	0.17331	0.19495	0.21550	0.23169	0.23135					
	0.20244	0.17439					AVRG		0.20337		11.95639

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Compound	0.2000000 Level 1 / 20.0000 Level 7	1.0000 Level 2 / 30.0000 Level 8	2.0000 Level 3	5.0000 Level 4	10.0000 Level 5	15.0000 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2	
138 Parathion	+++++	3466	8263	25283	54809	90679						
	123815	187292					WLINR	0.07701	0.20468		0.99864	
139 4-Nitroquinoline-1-oxide	+++++	187	560	3393	10281	18246						
	24614	36429					LINR	0.14695	0.04153		0.99432	<-
140 Methapyrilene	+++++	0.12584	0.13893	0.14347	0.14029	0.13380						
	0.11712	0.10311					AVRG		0.12894		11.32867	
141 Isodrin	+++++	+++++	0.10796	0.11479	0.13508	0.14585						
	0.14225	0.14824					AVRG		0.13236		12.83773	
146 Aramite #1	+++++	+++++	+++++	+++++	+++++	+++++						
	+++++	+++++					AVRG		0.000e+000		0.000e+000	<-
148 Aramite #2	+++++	+++++	+++++	+++++	+++++	+++++						
	+++++	+++++					AVRG		0.000e+000		0.000e+000	
149 4-Dimethylaminoazobenzene	+++++	9705	19726	56134	121039	195229						
	261542	402881					WLINR	0.05102	0.44763		0.99744	

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Compound	0.2000000 Level 1	1.0000 Level 2	2.0000 Level 3	5.0000 Level 4	10.0000 Level 5	15.0000 Level 6	20.0000 Level 7	30.0000 Level 8	Curve	Coefficients b	Coefficients m1	Coefficients m2	%RSD or R^2
150 Chlorobenzilate	+++++	10491	21165	57625	126242	204816	279593	446259	WLINR	0.05583	0.48411		0.99512
151 Famphur	+++++	+++++	+++++	+++++	0.14944	+++++	+++++	+++++	AVRG		0.14944		0.000e+000
154 Kepone	+++++	+++++	+++++	+++++	0.02817	+++++	+++++	+++++	AVRG		0.02817		0.000e+000
153 3,3'-Dimethylbenzidine	+++++	0.31574	0.27652	0.30050	0.32914	0.32198	0.28357	0.26165	AVRG		0.29844		8.49308
155 2-Acetylaminofluorene	+++++	11457	24633	73313	159536	257898	347517	533177	WLINR	0.05865	0.59498		0.99749
165 7,12-Dimethylbenz(a)anthracen	+++++	14322	28955	82472	181394	291932	398431	618439	WLINR	0.05379	0.78546		0.99661
170 3-MethylCholanthrene	+++++	14308	28459	81533	176140	283861	382121	594974	WLINR	0.05004	0.75612		0.99706

STL Austin

INITIAL CALIBRATION DATA

art Cal Date : 08-NOV-2007 13:26
d Cal Date : 08-NOV-2007 18:23
ant Method : ISTD
rget Version : 4.14
tegrator : HP RTE
thod file : \\AUSSVR02\INS_DATA\MSN1.i\N110807.B\N1108BP.m
st Edit : 09-Nov-2007 13:17 MSN1.i

Compound	0.2000000 Level 1	1.0000 Level 2	2.0000 Level 3	5.0000 Level 4	10.0000 Level 5	15.0000 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2
	20.0000 Level 7	30.0000 Level 8									
157 4,4-Methylenebis(2-chloroa	+++++	0.07523	0.08259	0.09053	0.10542	0.10827					
	0.10702	0.11041					AVRG		0.09707		14.57843
172 Dibenz(a,j)acridine	+++++	0.76474	0.78205	0.83608	0.99332	1.06277					
	1.04933	1.06335					AVRG		0.93595		14.56060
181 Diallate (total)	+++++	0.12675	0.13370	0.13825	0.15880	0.17037					
	0.16847	0.17445					AVRG		0.15297		12.83743
182 Aramite (total)	+++++	0.11462	0.11793	0.13439	0.15735	0.16318					
	0.15594	0.15215					AVRG		0.14222		13.96866
180 Isosafrol (cis + trans)	+++++	0.45919	0.48850	0.51556	0.59743	0.61419					
	0.60441	0.63269					AVRG		0.55885		12.40459

STL Austin

INITIAL CALIBRATION DATA

art Cal Date : 08-NOV-2007 13:26
d Cal Date : 08-NOV-2007 18:23
ant Method : ISTD
rget Version : 4.14
tegrator : HP RTE
thod file : \\AUSSVR02\INS_DATA\MSN1.i\N110807.B\N1108BP.m
st Edit : 09-Nov-2007 13:17 MSN1.i

erage %RSD Results.
lculated Average %RSD = 11.34940
ximun Average %RSD = 15.00000
Passed Average %RSD Test.

urve	Formula	Units
veraged	Amt = Rsp/m1	Response
inear	Amt = b + Rsp/m1	Response
t Linear	Amt = b + Rsp/m1	Response
uad	Amt = b + m1*Rsp + m2*Rsp^2	Response

Data File: \\aussvr02\INS_DATA\MSN1.i\N121207.B\N121202.D Page 1
Report Date: 13-Dec-2007 08:10

TestAmerica Austin

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: MSN1.i Injection Date: 12-DEC-2007 09:00
Lab File ID: N121202.D Init. Cal. Date(s): 08-NOV-2007 04-DEC-2007
Analysis Type: Init. Cal. Times: 13:26 16:32
Lab Sample ID: Ccalib_5 Quant Type: ISTD
Method: \\aussvr02\INS_DATA\MSN1.i\N121207.B\N1108BP.m

COMPOUND	RRF / AMOUNT	RF10	CCAL RRF10	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
$ 12 2-Fluorophenol	1.34294	1.32129	1.32129	0.010	1.61182	40.00000	Averaged
$ 15 Phenol-d5	1.81494	1.78257	1.78257	0.010	1.78333	40.00000	Averaged
$ 114 2,4,6-Tribromophenol	15.00000	13.40668	0.07896	0.010	10.62212	40.00000	Wt Linear
$ 38 Nitrobenzene-d5	0.44018	0.44399	0.44399	0.010	-0.86625	40.00000	Averaged
$ 75 2-Fluorobiphenyl	1.33169	1.29312	1.29312	0.010	2.89588	40.00000	Averaged
$ 147 Terphenyl-d14	0.86048	0.82966	0.82966	0.010	3.58070	40.00000	Averaged
3 Bis (chloromethyl) ether	1.35809	1.26155	1.26155	0.010	7.10839	40.00000	Averaged
4 N-Nitrosodimethylamine	0.90749	0.86611	0.86611	0.010	4.55931	40.00000	Averaged
5 Pyridine	1.59770	1.53460	1.53460	0.010	3.94938	40.00000	Averaged
16 Phenol	2.23519	2.14340	2.14340	0.010	4.10670	20.00000	Averaged
18 Aniline	2.63587	2.39818	2.39818	0.010	9.01748	40.00000	Averaged
19 bis(2-Chloroethyl)ether	1.39145	1.28045	1.28045	0.010	7.97721	40.00000	Averaged
21 2-Chlorophenol	1.52352	1.53383	1.53383	0.010	-0.67636	40.00000	Averaged
22 1,3-Dichlorobenzene	1.55971	1.58830	1.58830	0.010	-1.83301	40.00000	Averaged
24 1,4-Dichlorobenzene	*1.69262*	*1.68458*	*1.68458*	*0.010*	*0.47520*	*20.00000*	Averaged
27 1,2-Dichlorobenzene	1.53268	1.55884	1.55884	0.010	-1.70653	40.00000	Averaged
25 Benzyl Alcohol	1.04140	0.98223	0.98223	0.010	5.68172	40.00000	Averaged
29 bis(2-Chloroisopropyl)ether	2.99690	2.80066	2.80066	0.010	6.54816	40.00000	Averaged
28 2-Methylphenol	1.41941	1.45927	1.45927	0.010	-2.80857	40.00000	Averaged
30 3-(and/or 4-)Methylphenol	1.47718	1.57659	1.57659	0.010	-6.73002	40.00000	Averaged
33 N-Nitroso-di-n-propylamine	1.37308	1.44550	1.44550	0.050	-5.27440	40.00000	Averaged
37 Hexachloroethane	0.67367	0.68303	0.68303	0.010	-1.38862	40.00000	Averaged
39 Nitrobenzene	0.50143	0.50108	0.50108	0.010	0.07013	40.00000	Averaged
41 Isophorone	0.72963	0.72612	0.72612	0.010	0.48206	40.00000	Averaged
43 2-Nitrophenol	0.19669	0.19654	0.19654	0.010	0.07645	20.00000	Averaged
42 2,4-Dimethyphenol	0.43325	0.43250	0.43250	0.010	0.17299	40.00000	Averaged
45 Benzoic Acid	10.00000	8.06081	0.14061	0.010	19.39187	40.00000	Wt Linear
46 Bis(2-chloroethoxy)methane	*0.44182*	*0.43277*	*0.43277*	*0.010*	*2.05030*	*40.00000*	Averaged
47 2,4-Dichlorophenol	0.28022	0.28579	0.28579	0.010	-1.98664	20.00000	Averaged
49 1,2,4-Trichlorobenzene	0.31678	0.32086	0.32086	0.010	-1.29016	40.00000	Averaged
51 Naphthalene	1.14229	1.14745	1.14745	0.010	-0.45180	40.00000	Averaged
52 4-Chloroaniline	0.41611	0.42777	0.42777	0.010	-2.80275	40.00000	Averaged
55 Hexachlorobutadiene	0.20537	0.21158	0.21158	0.010	-3.01929	20.00000	Averaged
63 4-Chloro-3-Methylphenol	0.37502	0.37553	0.37553	0.010	-0.13650	20.00000	Averaged
67 2-Methylnaphthalene	0.72369	0.71684	0.71684	0.010	0.94648	40.00000	Averaged
68 1-Methylnaphthalene	0.72995	0.72752	0.72752	0.010	0.33325	40.00000	Averaged
69 Hexachlorocyclopentadiene	10.00000	5.76218	0.10567	0.050	42.37816	40.00000	Linear <- SPCCK
72 2,4,6-Trichlorophenol	0.33493	0.31315	0.31315	0.010	6.50110	20.00000	Averaged
74 2,4,5-Trichlorphenol	10.00000	8.29898	0.34290	0.010	17.01023	40.00000	Wt Linear
78 2-Chloronaphthalene	0.52849	0.52504	0.52504	0.010	0.65306	40.00000	Averaged
80 2-Nitroaniline	*0.47946*	*0.48010*	*0.48010*	*0.010*	*-0.13224*	*40.00000*	Averaged
82 1,4-Dinitrobenzene	0.20635	0.20254	0.20254	0.010	1.84393	40.00000	Averaged

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Data File: \\aussvr02\INS_DATA\MSN1.i\N121207.B\N121202.D Page 2
Report Date: 13-Dec-2007 08:10

TestAmerica Austin

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: MSN1.i
Lab File ID: N121202.D
Analysis Type:
Lab Sample ID: Ccalib 5
Method: \\aussvr02\INS_DATA\MSN1.i\N121207.B\N1108BP.m

Injection Date: 12-DEC-2007 09:00
Init. Cal. Date(s): 08-NOV-2007 04-DEC-2007
Init. Cal. Times: 13:26 16:32
Quant Type: ISTD

COMPOUND	RRF / AMOUNT	RF10	CCAL RRF10	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
83 Dimethylphthalate	1.34363	1.35328	1.35328	0.010	-0.71812	40.00000	Averaged
85 2,6-Dinitrotoluene	0.31629	0.30539	0.30539	0.010	3.44503	40.00000	Averaged
84 1,3-Dinitrobenzene	0.22618	0.22802	0.22802	0.010	-0.81722	40.00000	Averaged
86 Acenaphthylene	1.90413	1.96014	1.96014	0.010	-2.94140	40.00000	Averaged
89 3-Nitroaniline	0.30514	0.29602	0.29602	0.010	2.98748	40.00000	Averaged
92 Acenaphthene	1.20199	1.20322	1.20322	0.010	-0.10239	20.00000	Averaged
93 2,4-Dinitrophenol	10.00000	9.95893	0.12253	0.050	0.41073	40.00000	Linear
94 4-Nitrophenol	10.00000	8.20507	0.21595	0.050	17.94931	40.00000	Wt Linear
96 2,4-Dinitrotoluene	0.44739	0.47252	0.47252	0.010	-5.61593	40.00000	Averaged
97 Dibenzofuran	1.68407	1.77001	1.77001	0.010	-5.10308	40.00000	Averaged
99 2,3,5,6-Tetrachlorophenol	10.00000	8.10992	0.24694	0.010	18.90077	40.00000	Wt Linear
101 2,3,4,6-tetrachlorophenol	10.00000	8.82298	0.28991	0.010	11.77022	40.00000	Wt Linear
103 Diethylphthalate	1.44848	1.46410	1.46410	0.010	-1.07776	40.00000	Averaged
105 4-Chlorophenyl-phenylether	0.74844	0.79295	0.79295	0.010	-5.94715	40.00000	Averaged
107 Fluorene	1.41126	1.55434	1.55434	0.010	-10.13846	40.00000	Averaged
109 4,6-Dinitro-2-methylphenol	10.00000	9.06337	0.12745	0.010	9.36632	40.00000	Wt Linear
108 4-Nitroaniline	0.31986	0.30762	0.30762	0.010	3.82671	40.00000	Averaged
110 N-Nitrosodiphenylamine/DPA	1.18624	1.20693	1.20693	0.010	-1.74421	20.00000	Averaged
111 Azobenzene	0.92251	0.91855	0.91855	0.010	0.42912	40.00000	Averaged
122 4-Bromophenyl-phenylether	0.20356	0.20967	0.20967	0.010	-3.00461	40.00000	Averaged
123 Hexachlorobenzene	0.19978	0.20101	0.20101	0.010	-0.61738	40.00000	Averaged
127 Pentachlorophenol	10.00000	9.32591	0.06599	0.010	6.74090	20.00000	Linear
133 Phenanthrene	1.08408	1.08986	1.08986	0.010	-0.53354	40.00000	Averaged
134 Anthracene	1.04064	1.05049	1.05049	0.010	-0.94581	40.00000	Averaged
135 Carbazole	0.93713	0.94459	0.94459	0.010	-0.79599	40.00000	Averaged
137 Di-n-Butylphthalate	10.00000	9.19733	1.34567	0.010	8.02666	40.00000	Linear
142 Fluoranthene	1.14152	1.18726	1.18726	0.010	-4.00681	20.00000	Averaged
144 Benzidine	10.00000	9.30623	0.55318	0.010	6.93770	40.00000	Linear
145 Pyrene	1.19026	1.15355	1.15355	0.010	3.08363	40.00000	Averaged
152 Butylbenzylphthalate	10.00000	8.83585	0.55024	0.010	11.64150	40.00000	Linear
158 3,3'-Dichlorobenzidine	10.00000	8.13281	0.37162	0.010	18.67185	40.00000	Wt Linear
159 Benzo(a)anthracene	1.19454	1.27901	1.27901	0.010	-7.07132	40.00000	Averaged
156 bis(2-Ethylhexyl)phthalate	10.00000	9.43468	0.95065	0.010	5.65323	40.00000	Wt Linear
161 Chrysene	1.09187	0.98003	0.98003	0.010	10.24260	40.00000	Averaged
162 Di-n-octylphthalate	10.00000	8.80563	1.65037	0.010	11.94367	20.00000	Wt Linear
166 Benzo(b)fluoranthene	1.26417	1.31488	1.31488	0.010	-4.01129	40.00000	Averaged
167 Benzo(k)fluoranthene	1.39524	1.43181	1.43181	0.010	-2.62093	40.00000	Averaged
168 Benzo(a)pyrene	1.17365	1.18904	1.18904	0.010	-1.31078	20.00000	Averaged
173 Indeno(1,2,3-cd)pyrene	1.32348	1.34666	1.34666	0.010	-1.75170	40.00000	Averaged
174 Dibenz(a,h)anthracene	10.00000	9.21594	1.17077	0.010	7.84064	40.00000	Linear
176 Benzo(g,h,i)perylene	1.04574	1.04169	1.04169	0.010	0.38728	40.00000	Averaged

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Report Date: 12-Dec-2007 15:33

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CONTINUING CALIBRATION COMPOUNDS

Instrument ID: MSN1.i Injection Date: 12-DEC-2007 09:20
Lab File ID: N121203.D Init. Cal. Date(s): 08-NOV-2007 04-DEC-2007
Analysis Type: Init. Cal. Times: 13:26 16:32
Lab Sample ID: Ccalib_5 Quant Type: ISTD
Method: \\aussvr02\INS_DATA\MSN1.i\N121207.B\N1108BP.m

COMPOUND	RRF / AMOUNT	RF10	CCAL RRF10	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE	
1 2-Ethoxyethanol	1.01221	0.77972	0.77972	0.010	22.96821	40.00000	Averaged	
2 1,4-Dioxane	0.64986	0.57273	0.57273	0.010	11.86896	40.00000	Averaged	
6 N,N-Dimethylformamide	1.04234	0.92878	0.92878	0.010	10.89533	40.00000	Averaged	
7 Propyl cellosolve	2.10371	1.78915	1.78915	0.010	14.95284	40.00000	Averaged	
8 2-Picoline	1.65555	1.59636	1.59636	0.010	3.57523	40.00000	Averaged	
9 N-Nitrosomethylethylamine	0.69496	0.66665	0.66665	0.010	4.07366	40.00000	Averaged	
10 Acrylamide	0.62909	0.58568	0.58568	0.010	6.90002	40.00000	Averaged	
11 Methyl methanesulfonate	0.94589	0.93507	0.93507	0.010	1.14477	40.00000	Averaged	
13 N-Nitrosodiethylamine	0.75582	0.73301	0.73301	0.010	3.01815	40.00000	Averaged	
14 Ethyl methanesulfonate	1.27354	1.21758	1.21758	0.010	4.39368	40.00000	Averaged	
20 Pentachloroethane	0.54264	0.55190	0.55190	0.010	-1.70607	40.00000	Averaged	
26 1-Methyl-2-pyrrolidone	0.93169	0.89481	0.89481	0.010	3.95839	40.00000	Averaged	
34 Acetophenone	2.43203	2.42266	2.42266	0.010	0.38544	40.00000	Averaged	
31 N-Nitrosopyrrolidine	10.00000	9.17722	0.76445	0.010	8.22783	40.00000	Wt Linear	
35 N-Nitrosomorpholine	1.37976	1.40722	1.40722	0.010	-1.98981	40.00000	Averaged	
36 o-Toluidine	10.00000	9.54995	2.56853	0.010	4.50047	40.00000	Wt Linear	
40 N-Nitrosopiperidine	0.17711	0.17616	0.17616	0.010	0.53759	40.00000	Averaged	
44 o,o,o-Triethylphosphorothio	0.21073	0.20904	0.20904	0.010	0.80117	40.00000	Averaged	
48 a,a-Dimethylphenethylamine	0.77507	0.60100	0.60100	0.010	22.45878	40.00000	Averaged	
53 2,6-Dichlorophenol	0.27126	0.28365	0.28365	0.010	-4.56739	40.00000	Averaged	
54 Hexachloropropene	10.00000	9.12597	0.26165	0.010	8.74030	40.00000	Wt Linear	
57 N-Nitroso-di-n-butylamine	0.33891	0.39177	0.39177	0.010	-15.59742	40.00000	Averaged	
60 Caprolactum	0.11908	0.13157	0.13157	0.010	-10.48297	40.00000	Averaged	
61 p-Phenylenediamine	10.00000	12.13906	0.32509	0.010	-21.39064	40.00000	Wt Linear	
65 Safrole	0.31205	0.31444	0.31444	0.010	-0.76770	40.00000	Averaged	
70 1,2,4,5-Tetrachlorobenzene	0.56644	0.46500	0.46500	0.010	17.90825	40.00000	Averaged	
71 Isosafrole #1	++++	0.05796	0.05796	0.010	++++	40.00000	Averaged	<-
76 Isosafrole #2	++++	0.40046	0.40046	0.010	++++	40.00000	Averaged	<-
77 Biphenyl	1.58305	1.30183	1.30183	0.010	17.76455	40.00000	Averaged	
79 Diphenyl ether	0.86778	0.69262	0.69262	0.010	20.18522	40.00000	Averaged	
81 1,4-Naphthoquinone	10.00000	8.17341	0.29786	0.010	18.26586	40.00000	Wt Linear	
90 Dimethyl terephthalate	1.20966	1.15247	1.15247	0.010	4.72784	40.00000	Averaged	
95 Pentachlorobenzene	0.50672	0.42220	0.42220	0.010	16.67994	40.00000	Averaged	
100 1-Naphthylamine	1.07846	0.89547	0.89547	0.010	16.96742	40.00000	Averaged	
102 2-Naphthylamine	0.97208	0.81523	0.81523	0.010	16.13538	40.00000	Averaged	
104 Thionazin	0.34157	0.29466	0.29466	0.010	13.73264	40.00000	Averaged	
106 5-Nitro-o-toluidine	0.36964	0.29881	0.29881	0.010	19.16337	40.00000	Averaged	
112 Sulfotepp	0.15921	0.13916	0.13916	0.010	12.59253	40.00000	Averaged	
116 Atrazine	0.89806	0.83010	0.83010	0.010	7.56779	40.00000	Averaged	
117 1,3,5-Trinitrobenzene	10.00000	8.35667	0.08048	0.010	16.43331	40.00000	Wt Linear	
118 Diallate #1	++++	0.11177	0.11177	0.010	++++	40.00000	Averaged	<-
119 Phenacetin	0.44573	0.40524	0.40524	0.010	9.08521	40.00000	Averaged	

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Data File: \\aussvr02\INS_DATA\MSN1.i\N121207.B\N121203.D Page 2
Report Date: 12-Dec-2007 15:33

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CONTINUING CALIBRATION COMPOUNDS

Instrument ID: MSN1.i Injection Date: 12-DEC-2007 09:20
Lab File ID: N121203.D Init. Cal. Date(s): 08-NOV-2007 04-DEC-2007
Analysis Type: Init. Cal. Times: 13:26 16:32
Lab Sample ID: Ccalib 5 Quant Type: ISTD
Method: \\aussvr02\INS_DATA\MSN1.i\N121207.B\N1108BP.m

COMPOUND	RRF / AMOUNT	RF10	CCAL RRF10	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE	
120 Phorate	0.54481	0.73697	0.73697	0.010	-35.26970	40.00000	Averaged	
121 Dialate #2	++++	0.03073	0.03073	0.010	++++	40.00000	Averaged	<-
124 Dimethoate	0.23362	0.22379	0.22379	0.010	4.20515	40.00000	Averaged	
126 4-Aminobiphenyl	0.62810	0.60994	0.60994	0.010	2.89205	40.00000	Averaged	
129 Pronamide	10.00000	8.28973	0.31877	0.010	17.10275	40.00000	Linear	
128 Pentachloronitrobenzene	10.00000	8.69713	0.03820	0.010	13.02872	40.00000	Wt Linear	
130 Dinoseb	10.00000	9.25976	0.12846	0.010	7.40240	40.00000	Quadratic	
131 Disulfoton	10.00000	8.94125	0.42914	0.010	10.58746	40.00000	Wt Linear	
136 Methyl parathion	0.20337	0.20352	0.20352	0.010	-0.07304	40.00000	Averaged	
138 Parathion	10.00000	8.77915	0.16393	0.010	12.20852	40.00000	Wt Linear	
139 4-Nitroquinoline-1-oxide	10.00000	6.47821	0.02080	0.010	35.21794	40.00000	Linear	
140 Methapyrilene	0.12894	0.10455	0.10455	0.010	18.90973	40.00000	Averaged	
141 Isodrin	0.13236	0.11403	0.11403	0.010	13.85064	40.00000	Averaged	
146 Aramite #1	++++	0.06915	0.06915	0.010	++++	40.00000	Averaged	<-
148 Aramite #2	++++	0.08471	0.08471	0.010	++++	40.00000	Averaged	<-
149 4-Dimethylaminoazobenzene	10.00000	9.22408	0.39006	0.010	7.75915	40.00000	Wt Linear	
150 Chlorobenzilate	10.00000	8.81456	0.39969	0.010	11.85441	40.00000	Wt Linear	
151 Famphur	0.14944	0.14022	0.14022	0.010	6.16853	40.00000	Averaged	
154 Kepone	0.02817	0.02493	0.02493	0.010	11.49218	40.00000	Averaged	
153 3,3'-Dimethylbenzidine	0.29844	0.33194	0.33194	0.010	-11.22477	40.00000	Averaged	
155 2-Acetylaminofluorene	10.00000	9.82426	0.54963	0.010	1.75737	40.00000	Wt Linear	
165 7,12-Dimethylbenz(a)anthrac	10.00000	8.92476	0.65876	0.010	10.75238	40.00000	Wt Linear	
170 3-MethylCholanthrene	10.00000	9.04083	0.64576	0.010	9.59166	40.00000	Wt Linear	
157 4,4-Methylenebis(2-chloroa	0.09707	0.10110	0.10110	0.010	-4.15284	40.00000	Averaged	
172 Dibenz(a,j)acridine	0.93595	0.92088	0.92088	0.010	1.60939	40.00000	Averaged	
M 181 Diallate (total)	0.15297	0.14249	0.14249	0.010	6.84737	40.00000	Averaged	
M 182 Aramite (total)	0.14222	0.15385	0.15385	0.010	-8.17838	40.00000	Averaged	
M 180 Isosafrol (cis + trans)	0.55885	0.45842	0.45842	0.010	17.97097	40.00000	Averaged	

FORM 8
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Contract:

Lab Code: Case No.: SAS No.: SDG No.: N121207.B

EPA Sample No. (SSTD050##): HSL_10 Date Analyzed: 12/12/07

Lab File ID (Standard): N121202 Time Analyzed: 0900

Instrument ID: MSN1 GC Column: DB5.625 ID:0.18(mm)

		IS1(DCB) AREA #	RT #	IS2(NPT) AREA #	RT #	IS3(ANT) AREA #	RT #
	12 HOUR STD	70858	3.95	295691	5.19	187222	6.94
	UPPER LIMIT	141716	4.45	591382	5.69	374444	7.44
	LOWER LIMIT	35429	3.45	147846	4.69	93611	6.44
	CLIENT SAMPLE NO.						
01	LSS-T4-D31	51573	3.95	217512	5.18	141465	6.94
02	346138-1	63411	3.96	218803	5.19	126927	6.94
03	I7L030132-00	50399	3.95	211938	5.18	124580	6.94
04	ACRYLONITRIL	53066	3.95	228395	5.18	147262	6.94
05	I7L070000-53	48455	3.95	205967	5.18	132739	6.94
06	I7L070000-53	49919	3.95	209059	5.18	137121	6.94
07	OUTFALL 001	51092	3.95	210438	5.18	134690	6.94
08	I7L050311-00	50157	3.95	208889	5.18	132411	6.94
09	I7L050311-00	50571	3.95	205002	5.18	128516	6.94
10	MW-02	49364	3.95	211272	5.18	137030	6.94
11	MW-04	48935	3.95	205570	5.18	132273	6.94
12	MW-04R	49699	3.95	207545	5.18	133434	6.94
13	OLD-K-EQBLK-	48172	3.95	203829	5.18	130923	6.94
14	NE3 MW-30B)	41849	3.99	253360	5.20	119764	6.95
15	MW-16	49357	3.95	213854	5.18	138205	6.94
16	MW-08	51295	3.95	215700	5.18	138706	6.93
17	MW-08R	49517	3.95	209428	5.18	134698	6.94
18	MW-09	50777	3.95	211559	5.18	135781	6.94
19	MW-09R	49028	3.95	207193	5.18	131392	6.94
20	MW-15	47161	3.95	203348	5.18	127984	6.94
21							
22							

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

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

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits

FORM 8
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Contract:

Lab Code: Case No.: SAS No.: SDG No.: N121207.B

EPA Sample No. (SSTD050##): HSL_10 Date Analyzed: 12/12/07

Lab File ID (Standard): N121202 Time Analyzed: 0900

Instrument ID: MSN1 GC Column: DB5.625 ID:0.18(mm)

		IS4(PHN) AREA	#	RT	#	IS5(CRY) AREA	#	RT	#	IS6(PRY) AREA	#	RT	#
	12 HOUR STD	361370		8.44		384088		11.19		287155		12.85	
	UPPER LIMIT	722740		8.94		768176		11.69		574310		13.35	
	LOWER LIMIT	180685		7.94		192044		10.69		143578		12.35	
	CLIENT SAMPLE NO.												
01	LSS-T4-D31	275273		8.44		287839		11.17		248190		12.85	
02	346138-1	240432		8.45		232394		11.18		200230		12.85	
03	I7L030132-00	230980		8.44		236311		11.18		211888		12.85	
04	ACRYLONITRIL	279185		8.44		294248		11.18		253091		12.84	
05	I7L070000-53	256005		8.44		270749		11.17		233648		12.84	
06	I7L070000-53	271812		8.44		298565		11.18		232191		12.85	
07	OUTFALL 001	266465		8.44		269888		11.17		239975		12.84	
08	I7L050311-00	267902		8.44		280779		11.18		217299		12.85	
09	I7L050311-00	247351		8.44		267117		11.18		209730		12.84	
10	MW-02	262602		8.44		269965		11.17		232480		12.84	
11	MW-04	258307		8.44		268663		11.17		227978		12.84	
12	MW-04R	258470		8.44		270934		11.17		232202		12.84	
13	OLD-K-EQBLK-	255484		8.44		268127		11.18		230203		12.84	
14	NE3 MW-30B	236713		8.45		201940		11.18		182322		12.85	
15	MW-16	261627		8.44		264166		11.18		209154		12.84	
16	MW-08	258413		8.44		269794		11.17		224087		12.84	
17	MW-08R	255546		8.44		265201		11.17		223492		12.84	
18	MW-09	258004		8.44		264018		11.17		217307		12.84	
19	MW-09R	248708		8.44		261236		11.17		218054		12.84	
20	MW-15	249289		8.44		260532		11.17		223851		12.84	
21													
22													

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

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

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits

FORM 5
SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TESTAMERICA- AUSTIN Contract:

Lab Code: Case No.: SAS No.: SDG No.: N121307.B

Lab File ID: N121301 DFTPP Injection Date: 12/13/07

Instrument ID: MSN1 DFTPP Injection Time: 1505

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	56.9
68	Less than 2.0% of mass 69	0.0 (0.0)1
69	Mass 69 relative abundance	53.8
70	Less than 2.0% of mass 69	0.3 (0.6)1
127	40.0 - 60.0% of mass 198	54.0
197	Less than 1.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	6.7
275	10.0 - 30.0% of mass 198	27.8
365	Greater than 1.0% of mass 198	3.58
441	Present, but less than mass 443	10.0
442	Greater than 40.0% of mass 198	68.7
443	17.0 - 23.0% of mass 442	13.1 (19.1)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	HSL_10	CCALIB_5	N121302	12/13/07	1521
02	AP9_10	CCALIB_5	N121303	12/13/07	1545
03	I7L130000-20	KD2791AAB	N121304	12/13/07	1605
04	I7L130000-20	KD2791ACC	N121305	12/13/07	1626
05	I7L130000-20	KD2791ADL	N121306	12/13/07	1646
06	U8-07-01SB S	KD2VQ1AC	N121307	12/13/07	1707
07	I7L130120-00	KD2VQ1ADS	N121308	12/13/07	1728
08	I7L130120-00	KD2VQ1AED	N121309	12/13/07	1748
09	I7L120000-53	KD11V1AAB	N121310	12/13/07	1809
10	I7L120000-53	KD11V1ACC	N121311	12/13/07	1830
11	I7L120000-53	KD11V1ADL	N121312	12/13/07	1850
12	287545	KC4FT1AX	N121313	12/13/07	1911
13	287546	KC4G51AW	N121314	12/13/07	1932
14	I7L120167-00	KD03H1AL	N121315	12/13/07	1952
15	US-4	KD1AQ1AL	N121316	12/13/07	2013
16	U8-07-02SB W	KD2VT1AC	N121317	12/13/07	2034
17	U8-07-03SB N	KD2VV1AC	N121318	12/13/07	2054
18	U8-07-04SB E	KD2VW1AC	N121319	12/13/07	2115
19	U8-07-05SB F	KD2V01AC	N121320	12/13/07	2136
20	U8-07-06SB F	KD2V11AC	N121321	12/13/07	2156
21	NE3 MW-30B	KDG1R1AD	N121322	12/13/07	2217
22					

Data File: \\aussvr02\INS_DATA\MSN1.i\N121307.B\N121302.D Page 4
Report Date: 14-Dec-2007 06:45

TestAmerica Laboratories, Inc.

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: MSN1.i
Lab File ID: N121302.D
Analysis Type:
Lab Sample ID: Ccalib_5
Method: \\AUSSVR02\INS_DATA\MSN1.i\N121307.B\N1108BP.m

Injection Date: 13-DEC-2007 15:21
Init. Cal. Date(s): 08-NOV-2007 04-DEC-2007
Init. Cal. Times: 13:26 16:32
Quant Type: ISTD

COMPOUND	RRF / AMOUNT	RF10	CCAL RRF10	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
$ 12 2-Fluorophenol	1.34294	1.33046	1.33046	0.010	0.92914	40.00000	Averaged
$ 15 Phenol-d5	1.81494	1.79245	1.79245	0.010	1.23917	40.00000	Averaged
$ 114 2,4,6-Tribromophenol	15.00000	13.54765	0.07984	0.010	9.68230	40.00000	Wt Linear
$ 38 Nitrobenzene-d5	0.44018	0.44656	0.44656	0.010	-1.44987	40.00000	Averaged
$ 75 2-Fluorobiphenyl	1.33169	1.27059	1.27059	0.010	4.58827	40.00000	Averaged
$ 147 Terphenyl-d14	0.86048	0.82744	0.82744	0.010	3.83871	40.00000	Averaged
3 Bis (chloromethyl) ether	1.35809	1.28648	1.28648	0.010	5.27294	40.00000	Averaged
4 N-Nitrosodimethylamine	0.90749	0.87195	0.87195	0.010	3.91586	40.00000	Averaged
5 Pyridine	1.59770	1.52722	1.52722	0.010	4.41164	40.00000	Averaged
16 Phenol	2.23519	2.19030	2.19030	0.010	2.00845	20.00000	Averaged
18 Aniline	2.63587	2.37958	2.37958	0.010	9.72311	40.00000	Averaged
19 bis(2-Chloroethyl)ether	1.39145	1.30066	1.30066	0.010	6.52445	40.00000	Averaged
21 2-Chlorophenol	1.52352	1.53260	1.53260	0.010	-0.59562	40.00000	Averaged
22 1,3-Dichlorobenzene	1.55971	1.58813	1.58813	0.010	-1.82208	40.00000	Averaged
24 1,4-Dichlorobenzene	1.69262	1.70750	1.70750	0.010	-0.87867	20.00000	Averaged
27 1,2-Dichlorobenzene	1.53268	1.58353	1.58353	0.010	-3.31802	40.00000	Averaged
25 Benzyl Alcohol	1.04140	1.03194	1.03194	0.010	0.90812	40.00000	Averaged
29 bis(2-Chloroisopropyl)ether	2.99690	2.86312	2.86312	0.010	4.46404	40.00000	Averaged
28 2-Methylphenol	1.41941	1.45550	1.45550	0.010	-2.54303	40.00000	Averaged
30 3-(and/or 4-)Methylphenol	1.47718	1.60427	1.60427	0.010	-8.60390	40.00000	Averaged
33 N-Nitroso-di-n-propylamine	1.37308	1.45612	1.45612	0.050	-6.04793	40.00000	Averaged
37 Hexachloroethane	0.67367	0.71529	0.71529	0.010	-6.17833	40.00000	Averaged
39 Nitrobenzene	0.50143	0.51519	0.51519	0.010	-2.74523	40.00000	Averaged
41 Isophorone	0.72963	0.72884	0.72884	0.010	0.10939	40.00000	Averaged
43 2-Nitrophenol	0.19669	0.19346	0.19346	0.010	1.64303	20.00000	Averaged
42 2,4-Dimethyphenol	0.43325	0.43442	0.43442	0.010	-0.26990	40.00000	Averaged
45 Benzoic Acid	10.00000	8.14461	0.14221	0.010	18.55394	40.00000	Wt Linear
46 Bis(2-chloroethoxy)methane	0.44182	0.43479	0.43479	0.010	1.59305	40.00000	Averaged
47 2,4-Dichlorophenol	0.28022	0.28247	0.28247	0.010	-0.80091	20.00000	Averaged
49 1,2,4-Trichlorobenzene	0.31678	0.31828	0.31828	0.010	-0.47469	40.00000	Averaged
51 Naphthalene	1.14229	1.15616	1.15616	0.010	-1.21483	40.00000	Averaged
52 4-Chloroaniline	0.41611	0.42227	0.42227	0.010	-1.48132	40.00000	Averaged
55 Hexachlorobutadiene	0.20537	0.22235	0.22235	0.010	-8.26602	20.00000	Averaged
63 4-Chloro-3-Methylphenol	0.37502	0.38483	0.38483	0.010	-2.61651	20.00000	Averaged
67 2-Methylnaphthalene	0.72369	0.72207	0.72207	0.010	0.22395	40.00000	Averaged
68 1-Methylnaphthalene	0.72995	0.73901	0.73901	0.010	-1.24071	40.00000	Averaged
69 Hexachlorocyclopentadiene	10.00000	5.59246	0.09948	0.050	44.07544	40.00000	Linear <- ok
72 2,4,6-Trichlorophenol	0.33493	0.31637	0.31637	0.010	5.53929	20.00000	Averaged
74 2,4,5-Trichlorphenol	10.00000	8.28678	0.34236	0.010	17.13215	40.00000	Wt Linear
78 2-Chloronaphthalene	0.52849	0.53175	0.53175	0.010	-0.61623	40.00000	Averaged
80 2-Nitroaniline	0.47946	0.48705	0.48705	0.010	-1.58167	40.00000	Averaged
82 1,4-Dinitrobenzene	0.20635	0.19144	0.19144	0.010	7.22159	40.00000	Averaged

Data File: \\aussvr02\INS_DATA\MSN1.i\N121307.B\N121302.D Page 5
Report Date: 14-Dec-2007 06:45

TestAmerica Laboratories, Inc.

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: MSN1.i Injection Date: 13-DEC-2007 15:21
Lab File ID: N121302.D Init. Cal. Date(s): 08-NOV-2007 04-DEC-2007
Analysis Type: Init. Cal. Times: 13:26 16:32
Lab Sample ID: Ccalib 5 Quant Type: ISTD
Method: \\AUSSVR02\INS_DATA\MSN1.i\N121307.B\N1108BP.m

COMPOUND	RRF / AMOUNT	RF10	CCAL RRF10	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
83 Dimethylphthalate	1.34363	1.33566	1.33566	0.010	0.59303	40.00000	Averaged
85 2,6-Dinitrotoluene	0.31629	0.30594	0.30594	0.010	3.27177	40.00000	Averaged
84 1,3-Dinitrobenzene	0.22618	0.22265	0.22265	0.010	1.55729	40.00000	Averaged
86 Acenaphthylene	1.90413	1.95485	1.95485	0.010	-2.66393	40.00000	Averaged
89 3-Nitroaniline	0.30514	0.29845	0.29845	0.010	2.19145	40.00000	Averaged
92 Acenaphthene	1.20199	1.20185	1.20185	0.010	0.01144	20.00000	Averaged
93 2,4-Dinitrophenol	10.00000	9.10279	0.10396	0.050	8.97208	40.00000	Linear
94 4-Nitrophenol	10.00000	8.26407	0.21765	0.050	17.35928	40.00000	Wt Linear
96 2,4-Dinitrotoluene	0.44739	0.48202	0.48202	0.010	-7.73901	40.00000	Averaged
97 Dibenzofuran	1.68407	1.80806	1.80806	0.010	-7.36251	40.00000	Averaged
99 2,3,5,6-Tetrachlorophenol	10.00000	8.39589	0.25648	0.010	16.04109	40.00000	Wt Linear
101 2,3,4,6-tetrachlorophenol	10.00000	9.16091	0.30241	0.010	8.39089	40.00000	Wt Linear
103 Diethylphthalate	1.44848	1.52648	1.52648	0.010	-5.38469	40.00000	Averaged
105 4-Chlorophenyl-phenylether	0.74844	0.83586	0.83586	0.010	-11.68046	40.00000	Averaged
107 Fluorene	1.41126	1.60391	1.60391	0.010	-13.65100	40.00000	Averaged
109 4,6-Dinitro-2-methylphenol	10.00000	8.41696	0.11729	0.010	15.83038	40.00000	Wt Linear
108 4-Nitroaniline	0.31986	0.30488	0.30488	0.010	4.68172	40.00000	Averaged
110 N-Nitrosodiphenylamine/DPA	1.18624	1.21178	1.21178	0.010	-2.15290	20.00000	Averaged
111 Azobenzene	0.92251	0.93843	0.93843	0.010	-1.72626	40.00000	Averaged
122 4-Bromophenyl-phenylether	0.20356	0.21043	0.21043	0.010	-3.37766	40.00000	Averaged
123 Hexachlorobenzene	0.19978	0.20934	0.20934	0.010	-4.78761	40.00000	Averaged
127 Pentachlorophenol	10.00000	9.05771	0.06291	0.010	9.42291	20.00000	Linear
133 Phenanthrene	1.08408	1.09200	1.09200	0.010	-0.73094	40.00000	Averaged
134 Anthracene	1.04064	1.05439	1.05439	0.010	-1.32070	40.00000	Averaged
135 Carbazole	0.93713	0.92182	0.92182	0.010	1.63374	40.00000	Averaged
137 Di-n-Butylphthalate	10.00000	9.22517	1.35009	0.010	7.74833	40.00000	Linear
142 Fluoranthene	1.14152	1.18819	1.18819	0.010	-4.08831	20.00000	Averaged
144 Benzidine	10.00000	8.77181	0.51789	0.010	12.28187	40.00000	Linear
145 Pyrene	1.19026	1.13568	1.13568	0.010	4.58523	40.00000	Averaged
152 Butylbenzylphthalate	10.00000	8.95698	0.55810	0.010	10.43018	40.00000	Linear
158 3,3'-Dichlorobenzidine	10.00000	7.96202	0.36364	0.010	20.37982	40.00000	Wt Linear
159 Benzo(a)anthracene	1.19454	1.32479	1.32479	0.010	-10.90378	40.00000	Averaged
156 bis(2-Ethylhexyl)phthalate	10.00000	9.90940	1.00153	0.010	0.90599	40.00000	Wt Linear
161 Chrysene	1.09187	0.95574	0.95574	0.010	12.46738	40.00000	Averaged
162 Di-n-octylphthalate	10.00000	8.81697	1.65266	0.010	11.83032	20.00000	Wt Linear
166 Benzo(b)fluoranthene	1.26417	1.32354	1.32354	0.010	-4.69643	40.00000	Averaged
167 Benzo(k)fluoranthene	1.39524	1.45154	1.45154	0.010	-4.03531	40.00000	Averaged
168 Benzo(a)pyrene	1.17365	1.19690	1.19690	0.010	-1.98102	20.00000	Averaged
173 Indeno(1,2,3-cd)pyrene	1.32348	1.32575	1.32575	0.010	-0.17142	40.00000	Averaged
174 Dibenz(a,h)anthracene	10.00000	9.03227	1.14618	0.010	9.67732	40.00000	Linear
176 Benzo(g,h,i)perylene	1.04574	0.94598	0.94598	0.010	9.53941	40.00000	Averaged

Data File: \\aussvr02\INS_DATA\MSN1.i\N121307.B\N121303.D Page 3
Report Date: 14-Dec-2007 06:46

TestAmerica Laboratories, Inc.

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: MSN1.i Injection Date: 13-DEC-2007 15:45
Lab File ID: N121303.D Init. Cal. Date(s): 08-NOV-2007 04-DEC-2007
Analysis Type: Init. Cal. Times: 13:26 16:32
Lab Sample ID: Ccalib_5 Quant Type: ISTD
Method: \\aussvr02\INS_DATA\MSN1.i\N121307.B\N1108BP.m

COMPOUND	RRF / AMOUNT	RF10	CCAL RRF10	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE	
1 2-Ethoxyethanol	1.01221	0.86227	0.86227	0.010	14.81295	40.00000	Averaged	
2 1,4-Dioxane	0.64986	0.62834	0.62834	0.010	3.31123	40.00000	Averaged	
6 N,N-Dimethylformamide	1.04234	0.95576	0.95576	0.010	8.30682	40.00000	Averaged	
7 Propyl cellosolve	2.10371	1.86648	1.86648	0.010	11.27655	40.00000	Averaged	
8 2-Picoline	1.65555	1.57118	1.57118	0.010	5.09588	40.00000	Averaged	
9 N-Nitrosomethylethylamine	0.69496	0.65621	0.65621	0.010	5.57623	40.00000	Averaged	
10 Acrylamide	0.62909	0.55239	0.55239	0.010	12.19127	40.00000	Averaged	
11 Methyl methanesulfonate	0.94589	0.94956	0.94956	0.010	-0.38721	40.00000	Averaged	
13 N-Nitrosodiethylamine	0.75582	0.72708	0.72708	0.010	3.80263	40.00000	Averaged	
14 Ethyl methanesulfonate	1.27354	1.22908	1.22908	0.010	3.49060	40.00000	Averaged	
20 Pentachloroethane	0.54264	0.53843	0.53843	0.010	0.77695	40.00000	Averaged	
26 1-Methyl-2-pyrrolidone	0.93169	0.85482	0.85482	0.010	8.25101	40.00000	Averaged	
34 Acetophenone	2.43203	2.38520	2.38520	0.010	1.92565	40.00000	Averaged	
31 N-Nitrosopyrrolidine	10.00000	9.12502	0.75989	0.010	8.74981	40.00000	Wt Linear	
35 N-Nitrosomorpholine	1.37976	1.40804	1.40804	0.010	-2.04934	40.00000	Averaged	
36 o-Toluidine	10.00000	9.38178	2.52140	0.010	6.18220	40.00000	Wt Linear	
40 N-Nitrosopiperidine	0.17711	0.17712	0.17712	0.010	-0.00433	40.00000	Averaged	
44 o,o,o-Triethylphosphorothio	0.21073	0.20767	0.20767	0.010	1.44878	40.00000	Averaged	
48 a,a-Dimethylphenethylamine	0.77507	0.86381	0.86381	0.010	-11.44974	40.00000	Averaged	
53 2,6-Dichlorophenol	0.27126	0.27636	0.27636	0.010	-1.87870	40.00000	Averaged	
54 Hexachloropropene	10.00000	9.30951	0.26728	0.010	6.90487	40.00000	Wt Linear	
57 N-Nitroso-di-n-butylamine	0.33891	0.38952	0.38952	0.010	-14.93413	40.00000	Averaged	
60 Caprolactum	0.11908	0.12590	0.12590	0.010	-5.72213	40.00000	Averaged	
61 p-Phenylenediamine	10.00000	12.42592	0.33322	0.010	-24.25917	40.00000	Wt Linear	
65 Safrole	0.31205	0.31097	0.31097	0.010	0.34506	40.00000	Averaged	
70 1,2,4,5-Tetrachlorobenzene	0.56644	0.46263	0.46263	0.010	18.32704	40.00000	Averaged	
71 Isosafrole #1	++++	0.05584	0.05584	0.010	++++	40.00000	Averaged	<-
76 Isosafrole #2	++++	0.39345	0.39345	0.010	++++	40.00000	Averaged	<-
77 Biphenyl	1.58305	1.28292	1.28292	0.010	18.95876	40.00000	Averaged	
79 Diphenyl ether	0.86778	0.68623	0.68623	0.010	20.92084	40.00000	Averaged	
81 1,4-Naphthoquinone	10.00000	7.72816	0.28069	0.010	22.71843	40.00000	Wt Linear	
90 Dimethyl terephthalate	1.20966	1.15503	1.15503	0.010	4.51666	40.00000	Averaged	
95 Pentachlorobenzene	0.50672	0.42050	0.42050	0.010	17.01545	40.00000	Averaged	
100 1-Naphthylamine	1.07846	0.88174	0.88174	0.010	18.24130	40.00000	Averaged	
102 2-Naphthylamine	0.97208	0.83448	0.83448	0.010	14.15546	40.00000	Averaged	
104 Thionazin	0.34157	0.29297	0.29297	0.010	14.22846	40.00000	Averaged	
106 5-Nitro-o-toluidine	0.36964	0.28921	0.28921	0.010	21.75926	40.00000	Averaged	
112 Sulfotepp	0.15921	0.14525	0.14525	0.010	8.76632	40.00000	Averaged	
116 Atrazine	0.89806	0.98625	0.98625	0.010	-9.82047	40.00000	Averaged	
117 1,3,5-Trinitrobenzene	10.00000	7.70650	0.07334	0.010	22.93496	40.00000	Wt Linear	
118 Diallate #1	++++	0.11218	0.11218	0.010	++++	40.00000	Averaged	<-
119 Phenacetin	0.44573	0.39111	0.39111	0.010	12.25437	40.00000	Averaged	

Data File: \\aussvr02\INS_DATA\MSN1.i\N121307.B\N121303.D Page 4
Report Date: 14-Dec-2007 06:46

TestAmerica Laboratories, Inc.

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: MSN1.i Injection Date: 13-DEC-2007 15:45
Lab File ID: N121303.D Init. Cal. Date(s): 08-NOV-2007 04-DEC-2007
Analysis Type: Init. Cal. Times: 13:26 16:32
Lab Sample ID: Ccalib_5 Quant Type: ISTD
Method: \\aussvr02\INS_DATA\MSN1.i\N121307.B\N1108BP.m

COMPOUND	RRF / AMOUNT	RF10	CCAL RRF10	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE	
120 Phorate	0.54481	0.71223	0.71223	0.010	-30.72923	40.00000	Averaged	
121 Dialate #2	++++	0.03053	0.03053	0.010	++++	40.00000	Averaged	<-
124 Dimethoate	0.23362	0.19469	0.19469	0.010	16.66159	40.00000	Averaged	
126 4-Aminobiphenyl	0.62810	0.64314	0.64314	0.010	-2.39318	40.00000	Averaged	
129 Pronamide	10.00000	8.40774	0.32373	0.010	15.92257	40.00000	Linear	
128 Pentachloronitrobenzene	10.00000	8.65525	0.03799	0.010	13.44747	40.00000	Wt Linear	
130 Dinoseb	10.00000	8.76397	0.11985	0.010	12.36031	40.00000	Quadratic	
131 Disulfoton	10.00000	8.86258	0.42508	0.010	11.37424	40.00000	Wt Linear	
136 Methyl parathion	0.20337	0.18170	0.18170	0.010	10.65955	40.00000	Averaged	
138 Parathion	10.00000	8.42376	0.15666	0.010	15.76239	40.00000	Wt Linear	
139 4-Nitroquinoline-1-oxide	10.00000	5.67327	0.01746	0.010	43.26730	40.00000	Linear	<-
140 Methapyrilene	0.12894	0.10335	0.10335	0.010	19.84522	40.00000	Averaged	
141 Isodrin	0.13236	0.11656	0.11656	0.010	11.94075	40.00000	Averaged	
146 Aramite #1	++++	0.06651	0.06651	0.010	++++	40.00000	Averaged	<-
148 Aramite #2	++++	0.08304	0.08304	0.010	++++	40.00000	Averaged	<-
149 4-Dimethylaminoazobenzene	10.00000	9.17938	0.38806	0.010	8.20618	40.00000	Wt Linear	
150 Chlorobenzilate	10.00000	8.71734	0.39499	0.010	12.82656	40.00000	Wt Linear	
151 Famphur	0.14944	0.13657	0.13657	0.010	8.61570	40.00000	Averaged	
154 Kepone	0.02817	0.02988	0.02988	0.010	-6.06353	40.00000	Averaged	
153 3,3'-Dimethylbenzidine	0.29844	0.31338	0.31338	0.010	-5.00343	40.00000	Averaged	
155 2-Acetylaminofluorene	10.00000	9.34128	0.52089	0.010	6.58724	40.00000	Wt Linear	
165 7,12-Dimethylbenz(a)anthrac	10.00000	9.02820	0.66688	0.010	9.71801	40.00000	Wt Linear	
170 3-MethylCholanthrene	10.00000	8.80955	0.62828	0.010	11.90450	40.00000	Wt Linear	
157 4,4-Methylenebis(2-chloroa	0.09707	0.09825	0.09825	0.010	-1.22161	40.00000	Averaged	
172 Dibenz(a,j)acridine	0.93595	0.89071	0.89071	0.010	4.83298	40.00000	Averaged	
M 181 Diallate (total)	0.15297	0.14270	0.14270	0.010	6.71264	40.00000	Averaged	
M 182 Aramite (total)	0.14222	0.14955	0.14955	0.010	-5.15372	40.00000	Averaged	
M 180 Isosafrol (cis + trans)	0.55885	0.44929	0.44929	0.010	19.60525	40.00000	Averaged	

FORM 8
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: TESTAMERICA- AUSTIN Contract:

Lab Code: Case No.: SAS No.: SDG No.: N121307.B

EPA Sample No. (SSTD050##): HSL_10 Date Analyzed: 12/13/07

Lab File ID (Standard): N121302 Time Analyzed: 1521

Instrument ID: MSN1 GC Column: DB5.625 ID:0.18(mm)

		IS1(DCB) AREA #	RT #	IS2(NPT) AREA #	RT #	IS3(ANT) AREA #	RT #
	12 HOUR STD	66553	3.95	279450	5.19	181902	6.94
	UPPER LIMIT	133106	4.45	558900	5.69	363804	7.44
	LOWER LIMIT	33277	3.45	139725	4.69	90951	6.44
	CLIENT SAMPLE NO.						
01	I7L130000-20	46569	3.95	190981	5.18	121641	6.94
02	I7L130000-20	47036	3.95	191457	5.18	121680	6.94
03	I7L130000-20	47203	3.95	193780	5.18	121564	6.94
04	U8-07-01SB S	47306	3.95	192282	5.18	120300	6.93
05	I7L130120-00	45993	3.95	186339	5.18	118780	6.94
06	I7L130120-00	45740	3.95	186744	5.18	118104	6.94
07	I7L120000-53	44588	3.95	188799	5.18	118679	6.94
08	I7L120000-53	45729	3.95	190233	5.18	119257	6.94
09	I7L120000-53	45131	3.95	189693	5.18	118334	6.94
10	287545	44108	3.95	189368	5.18	119711	6.93
11	287546	43143	3.95	183897	5.18	115097	6.93
12	I7L120167-00	42496	3.95	184387	5.18	116288	6.94
13	US-4	39621	3.98	178758	5.19	113998	6.93
14	U8-07-02SB W	44140	3.96	178568	5.18	113021	6.94
15	U8-07-03SB N	43844	3.95	176838	5.18	111241	6.93
16	U8-07-04SB E	43632	3.95	179313	5.18	112654	6.93
17	U8-07-05SB F	44562	3.95	179898	5.18	112977	6.93
18	U8-07-06SB F	44574	3.95	183218	5.18	114955	6.93
19	NE3 MW-30B	41136	3.95	185483	5.18	113809	6.94
20							
21							
22							

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

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

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits

FORM 8
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: TESTAMERICA- AUSTIN Contract:

Lab Code: Case No.: SAS No.: SDG No.: N121307.B

EPA Sample No. (SSTD050##): HSL_10 Date Analyzed: 12/13/07

Lab File ID (Standard): N121302 Time Analyzed: 1521

Instrument ID: MSN1 GC Column: DB5.625 ID:0.18(mm)

		IS4(PHN) AREA #	RT #	IS5(CRY) AREA #	RT #	IS6(PRY) AREA #	RT #
	12 HOUR STD	357899	8.44	387248	11.19	289822	12.85
	UPPER LIMIT	715798	8.94	774496	11.69	579644	13.35
	LOWER LIMIT	178950	7.94	193624	10.69	144911	12.35
	CLIENT SAMPLE NO.						
01	I7L130000-20	229942	8.44	238802	11.17	206778	12.84
02	I7L130000-20	242151	8.44	265463	11.18	196386	12.84
03	I7L130000-20	243793	8.44	270471	11.18	199505	12.84
04	U8-07-01SB S	216159	8.44	233544	11.17	191399	12.84
05	I7L130120-00	233326	8.44	252362	11.18	183732	12.84
06	I7L130120-00	226185	8.44	250082	11.18	181116	12.84
07	I7L120000-53	230945	8.44	236678	11.17	201159	12.84
08	I7L120000-53	231260	8.44	258645	11.18	188967	12.84
09	I7L120000-53	229571	8.44	256316	11.18	192421	12.84
10	287545	225182	8.44	239307	11.17	206381	12.84
11	287546	222020	8.44	232116	11.17	197186	12.84
12	I7L120167-00	210041	8.44	223251	11.17	184298	12.84
13	US-4	217011	8.43	227767	11.17	191349	12.84
14	U8-07-02SB W	209331	8.44	225564	11.17	185780	12.84
15	U8-07-03SB N	207102	8.43	213395	11.17	171801	12.84
16	U8-07-04SB E	212123	8.43	221582	11.17	180442	12.84
17	U8-07-05SB F	209615	8.44	217942	11.17	178188	12.84
18	U8-07-06SB F	213877	8.43	~~226899~~	11.17	186828	12.84
19	NE3 MW-30B	220081	8.44	193006*	11.17	166493	12.84
20							
21							
22							

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

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

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits

QC & Sample Data

TestAmerica AUSTIN

MS SEMI DATA REVIEW CHEC 245/584

Work Order Numbers / Lab Sample Numbers

I7K300279	I7L050147
I7L030132	I7L050202
I7K290101	I7L050211
I7L050311	
I7L040166	

Method Name/Type: M8270C

Instrument ID: MSN1

Analysis Date: 12/12/2007

ICAL Date: 11/8/2007

Review Item	YES	NO	N/A	2nd Review
Tuning				
DFTPP tuning criteria met	✓			✓
Mass list, RIC, and mass spectrum included	✓			✓
Correct DFTPP included with analytical runs	✓			✓
Tailing (for PCP & Benzidine) and degradation (for DDT) criteria met	✓			✓
Initial Calibration				
RRF and %RSD within acceptance limits			✓	NA
Runs checked for saturation			✓	↓
CLP only: surrogates and internal stds. labeled on chromatograms			✓	↓
Second source check standard analyzed successfully			✓	↓
Continuing Calibration				
RRF and % Difference within acceptance criteria	✓			✓
Sample Analysis				
Sample name and header information correct	✓			✓
RRT of identified cmpds. w/i +/-0.06 RRT units of RRT of std.comp.	✓			✓
Ions present in standard spectra with abundance of >10% of base ion present in sample spectra	✓			✓
Surrogate recoveries within limits dilutions		✓		✓
Quantified against appropriate standard	✓			✓
Run(s) within linear range	✓			✓
Sample hold times met	✓			✓
TCL match	✓			✓
Quality Control Samples				
Method blanks less than reporting limits	✓			✓
Method blanks analyzed at required frequency	✓			✓
LCS spike % recoveries within limits		✓		✓
MS/MSD spike % recoveries within limits		✓		✓
MS/MSD/DUPs RPD within limits		✓		✓
Other				
All nonconformances included and noted				✓
Required forms completed	✓			✓
Correct methodology used	✓			✓
All unused analyses noted on the sequence with the reason?	✓			✓
Transcriptions checked for accuracy	✓			✓
All calculations checked at minimum frequency	✓			✓
Data checked for potential fasle positive and false negative results	✓			✓
Manual integration checked by 2nd reviewer			✓	NO
Units checked	✓			✓

Comment on any "NO" response:

7341534: LCS slightly low for 2 analytes NCM# 09-0023115

Analyst: Jenai Gimies Date: 12-13-07

2nd Review: Mark Melly Date: 12/15/07

RQC058

TestAmerica Laboratories, Inc.
EXTRACTION BENCH WORKSHEET

Run Date: 12/31/07
Time: 10:12:32

LEV 1	LEV 2		LEV 1	LEV 2	
Y	Y	Blank	Y	Y	Weights/Volumes
Y	Y	Check	Y	Y	Spike & Surrogate Worksheet
Y	Y	MS/MSD	-	Y	Vial contains correct volume
			Y	Y	Labels, greenbars, worksheets computer batch: correct & all match
			-	-	Anomalies to Extraction Method

\- Expanded Deliverable
\- COC Completed
Y Bench Sheet Copied
Y Package Submitted to AnalyticalGroup
\- Bench Sheet Copied per COC

Extractionist: 402066 Emiliano Fuentes
401822 Luke A. Townsend

Concentrationist: 402066 Emiliano Fuentes
401822 Luke A. Townsend

Reviewer/Date: FUENTESE / 12/10/07

****
* QC BATCH: 7341534 *
****

PREP DATE: 12/07/07 16:30
COMP DATE: 12/09/07 8:00

Base/Neutrals and Acids (8270C)
LIQ/LIQ, CONT (A/B/N) Acid->Base BP 5mL final volume

EXTR EXPR	ANL DUE	LOT#,MSRUN#/ WORK ORDER	TEST FLGS	EXT	MTH	MATRIX	INIT/FIN WT/VOL	INIT	PH"S ADJ1	ADJ2	EXTRACTION	SOLVENTS VOL	EXCHANGE	VOL	SPIKE STANDARD/ SURROGATE ID
12/10/07	12/19/07	I7L040166-001 KDDP9-1-AE		8D	QL	WATER	1010mL 5.00mL	7.0	2.0	12.0	MECL2	500.0		.0	50ULSM8270SU00005
COMMENTS:															
12/10/07	12/19/07	I7L040166-002 KDDQ2-1-AE		8D	QL	WATER	1020mL 5.00mL	7.0	2.0	12.0	MECL2	500.0		.0	50ULSM8270SU00005
COMMENTS:															
12/10/07	12/19/07	I7L040166-003 KDDQ4-1-AE		8D	QL	WATER	1020mL 5.00mL	7.0	2.0	12.0	MECL2	500.0		.0	50ULSM8270SU00005
COMMENTS:															
12/11/07	12/21/07	I7L050147-012 KDGGN-1-AX		8D	QL	WATER	1000mL 5.00mL	7.0	2.0	12.0	MECL2	500.0		.0	50ULSM8270SU00005
COMMENTS:															
12/10/07	12/19/07	I7L050202-001 KDG1R-1-AD	D	8D	QL	WATER	1040mL 5.00mL	7.0	2.0	12.0	MECL2	500.0		.0	50ULSM8270SU00005
COMMENTS:															
12/10/07	12/19/07	I7L050202-001 KDG1R-2-AD	D	8D	QL	WATER	1040mL 5.00mL	7.0	2.0	12.0	MECL2	500.0		.0	50ULSM8270SU00005
COMMENTS:															
12/11/07	12/20/07	I7L050211-001 KDG28-1-AE		8D	QL	WATER	1000mL 5.00mL	7.0	2.0	12.0	MECL2	500.0		.0	50ULSM8270SU00005
COMMENTS:															

RQC058

TestAmerica Laboratories, Inc.
EXTRACTION BENCH WORKSHEET

Run Date: 12/31/07
Time: 10:12:32

QC BATCH: 7341534

PREP DATE: 12/07/07 16:30
COMP DATE: 12/09/07 8:00

EXTR EXPR	ANL DUE	LOT#,MSRUN#/ WORK ORDER	TEST FLGS	EXT	MTH	MATRIX	INIT/FIN WT/VOL	PH"S INIT	PH"S ADJ1	PH"S ADJ2	SOLVENTS EXTRACTION	SOLVENTS VOL	SOLVENTS EXCHANGE	SOLVENTS VOL	SPIKE STANDARD/ SURROGATE ID
12/11/07	12/20/07	I7L050211-002 KDG3J-1-AE		8D	QL	WATER	1030mL 5.00mL	7.0	2.0	12.0	MECL2	500.0		.0	50ULSM8270SU00005
COMMENTS:															
12/11/07	12/20/07	I7L050211-003 KDG3K-1-AE		8D	QL	WATER	1010mL 5.00mL	7.0	2.0	12.0	MECL2	500.0		.0	50ULSM8270SU00005
COMMENTS:															
12/11/07	12/20/07	I7L050211-005 KDG3P-1-AE		8D	QL	WATER	1030mL 5.00mL	7.0	2.0	12.0	MECL2	500.0		.0	50ULSM8270SU00005
COMMENTS:															
12/11/07	12/20/07	I7L050211-006 KDG3Q-1-AE		8D	QL	WATER	1030mL 5.00mL	7.0	2.0	12.0	MECL2	500.0		.0	50ULSM8270SU00005
COMMENTS:															
12/11/07	12/20/07	I7L050211-007 KDG3R-1-AE		8D	QL	WATER	1030mL 5.00mL	7.0	2.0	12.0	MECL2	500.0		.0	50ULSM8270SU00005
COMMENTS:															
12/11/07	12/20/07	I7L050311-001 KDHN6-1-AA		8D	QL	WATER	900mL 5.00mL	7.0	2.0	12.0	MECL2	500.0		.0	50ULSM8270SU00005
COMMENTS:															
12/11/07	12/20/07	I7L050311-001 KDHN6-1-AFS		8D	QL	WATER	925mL 5.00mL	7.0	2.0	12.0	MECL2	500.0		.0	250ULSM8270SP00012 50ULSM8270SU00005
COMMENTS:															
12/11/07	12/20/07	I7L050311-001 KDHN6-1-AGD		8D	QL	WATER	1000mL 5.00mL	7.0	2.0	12.0	MECL2	500.0		.0	250ULSM8270SP00012 50ULSM8270SU00005
COMMENTS:															
12/11/07	0/00/00	I7L070000-534 KDP1R-1-AAB		8D	QL	WATER	1000mL 5.00mL	7.0	2.0	12.0	MECL2	500.0		.0	50ULSM8270SU00005
COMMENTS:															
12/11/07	0/00/00	I7L070000-534 KDP1R-1-ACC		8D	QL	WATER	1000mL 5.00mL	7.0	2.0	12.0	MECL2	500.0		.0	250ULSM8270SP00012 50ULSM8270SU00005
COMMENTS:															

R = RUSH C = CLP
E = EPA 600 D = EXP.DEL)
M = CLIENT REQ MS/MSD

NUMBER OF WORK ORDERS IN BATCH: 17

TestAmerica Austin

INSTRUMENT GCMS-N1 (MSD4)
SHIFT (Circle): 1 2 3
COMPUTER CLOCK DATE / TIME:

ANALYST / DATE: JG 12-12-07
METHOD / TEST: MS270
SOP #: AUMS0005

DAILY CHECK —	INSERT CHANGED	SEPTA CHANGED	COLUMN CHANGED	AUTOSAMPLER MAINT.
M. PUMP OIL	TURBO OIL	FILAMENT CHANGE	OTHER	

DAILY CHECK includes sufficient carrier and detector gases, correct column flow/pressure, condition of septa, etc. Glass insert, septa, column and gases changed as needed. Source cleaned as needed. Mechanical pump oil and turbomolecular pump oil changed semiannually (usually on service contract). OTHER is for minor maintenance performed or for reference to Repair Log for major repairs.

MASS SPECTROMETER CONDITIONS:
Tune File: NDFTPP.U
Elect Mult. 1583 volts
Tuning Performance (circle one):
DFTPP Autotune Other

Sampling Rate 2^^ 1
Scan Range 35 500 amu
Interface (circle one):
Direct Jet Separator Other

GC PROGRAM:
GC Meth. N1108BP.M
Inj. Temp. 270 C
Carrier Gas: Helium
Flow/Pressure 15 PSI

Initial Temp. 55 C
Init.Hold 0.5 min
Ramp 15° C/min
Final Temp. 325° C

Final Hold 2.0 min
Other Program or Special Conditions:

GC COLUMN:
Column ID#: MSND#275 (Circle one) Packed Capillary
Phases/Loadings: J&W DB5.625 i.d. 0.18 mm Length 20 m
Injection Type (Circle & Describe): Purge & Trap
Split Splitless pulsed

INSTRUMENT SEQUENCE:
Sample Name, Sample Number, Dilution, etc. Autosampler #

JG 12-13-07

```
Sequence Name: D:\MSN1.I\SEQUENCE\N121207.S
      Comment:
     Operator: GirvicsJ
    Data Path: D:\MSN1.I\N121207.B\
  Pre-Seq Cmd:
 Post-Seq Cmd:

Method Sections To Run      On A Barcode Mismatch
 (X) Full Method              (X) Inject Anyway
 ( ) Reprocessing Only        ( ) Don't Inject
```

Line	Type	Vial	DataFile	Method	Sample Name
1	~~Sample~~	~~2~~	~~N121202A~~	~~N1108BP~~	~~Ccalib_5;HSL_10;;2;5;3;;;;~~ SM ~~second only~~
2	Sample	1	N121201	NDFTPP	DFTPP;DFTPP;;;;;;;; SMTuneSTD
3	Sample	2	N121202	N1108BP	Ccalib_5;HSL_10;;2;5;3;;;; SM
4	Sample	3	N121203	N1108BP	Ccalib_5;AP9_10;;2;5;3;;;; SM
5	~~Sample~~	~~4~~	~~N121204~~	~~N1108BP~~	~~MB;;1;0;;1;1000;;5000;~~ ~~Not needed~~
6	~~Sample~~	5	N121205	N1108BP	~~KDCHD1ACC;I7L030000-331;1;0;;~~ ~~duplicate~~
7	~~Sample~~	6	N121206	N1108BP	~~KDCHD1ADL;I7L030000-331;1;0;;~~ ~~original~~
8	Sample	7	N121207	N1108BP	KC8CT2AC;I7K300279-001;5;0;;1
9	Sample	8	N121208	N1108BP	KDARG1AA;I7L030132-001;20;0;;
10	~~Sample~~	~~9~~	~~N121209~~	~~N1108BP~~	~~KC20C1AA;I7K290101-001;100;0;;~~ ~~second~~
11	Sample	10	N121210	N1108BP	KDARG2AA;I7L030132-001;100;0;
12	Sample	11	N121211	N1108BP	KC20C1AA;I7K290101-001;200;0;
13	~~Sample~~	~~12~~	~~N121212~~	~~N1108BP~~	~~MB;;1;0;;1;1000;;5000;~~ ~~Not needed~~
14	Sample	13	N121213	N1108BP	KDP1R1AAB;I7L070000-534;1;0;;
15	Sample	14	N121214	N1108BP	KDP1R1ACC;I7L070000-534;1;0;; JG
16	Sample	15	N121215	N1108BP	KDHN61AA;I7L050311-001;1;0;;1 12-13-07
17	Sample	16	N121216	N1108BP	KDHN61AFS;I7L050311-001;1;0;;
18	Sample	17	N121217	N1108BP	KDHN61AGD;I7L050311-001;1;0;;
19	Sample	18	N121218	N1108BP	KDDP91AE;I7L040166-001;1;0;;1
20	Sample	19	N121219	N1108BP	KDDQ21AE;I7L040166-002;1;0;;1
21	Sample	20	N121220	N1108BP	KDDQ41AE;I7L040166-003;1;0;;1
22	Sample	21	N121221	N1108BP	KDGGN1AX;I7L050147-012;1;0;;1
23	Sample	22	N121222	N1108BP	KDG1R1AD;I7L050202-001;1;0;;1
24	Sample	23	N121223	N1108BP	KDG281AE;I7L050211-001;1;0;;1
25	Sample	24	N121224	N1108BP	KDG3J1AE;I7L050211-002;1;0;;1
26	Sample	25	N121225	N1108BP	KDG3K1AE;I7L050211-003;1;0;;1
27	Sample	26	N121226	N1108BP	KDG3P1AE;I7L050211-005;1;0;;1
28	Sample	27	N121227	N1108BP	KDG3Q1AE;I7L050211-006;1;0;;1
29	Sample	28	N121228	N1108BP	KDG3R1AE;I7L050211-007;1;0;;1

Sequence Name: D:\MSN1.I\SEQUENCE\N121207.S
Comment:
Operator: GirvicsJ
Data Path: D:\MSN1.I\N121207.B\
Pre-Seq Cmd:
Post-Seq Cmd:

Method Sections To Run
(X) Full Method
( ) Reprocessing Only

On A Barcode Mismatch
(X) Inject Anyway
( ) Don't Inject

Line	Type	Vial	DataFile	Method	Sample Name
1	Sample	2	N121202A	N1108BP	Ccalib_5;HSL_10;;2;5;3;;;; SM cond only
2	Sample	1	N121201	NDFTPP	DFTPP;DFTPP;;;;;;; SMTuneSTD
3	Sample	2	N121202	N1108BP	Ccalib_5;HSL_10;;2;5;3;;;; SM
4	Sample	3	N121203	N1108BP	Ccalib_5;AP9_10;;2;5;3;;;; SM
5	Sample	4	N121204	N1108BP	MB;;1;0;;1;1000;;5000; Not needed
6	Sample	5	N121205	N1108BP	KDCHD1ACC;I7L030000-331;1;0;; must
7	Sample	6	N121206	N1108BP	KDCHD1ADL;I7L030000-331;1;0;; original
8	Sample	7	N121207	N1108BP	KC8CT2AC;I7K300279-001;5;0;;1
9	Sample	8	N121208	N1108BP	KDARG1AA;I7L030132-001;20;0;;
10	Sample	9	N121209	N1108BP	KC20C1AA;I7K290101-001;100;0;; reader
11	Sample	10	N121210	N1108BP	KDARG2AA;I7L030132-001;100;0;
12	Sample	11	N121211	N1108BP	KC20C1AA;I7K290101-001;200;0;
13	Sample	12	N121212	N1108BP	MB;;1;0;;1;1000;;5000; Not needed
14	Sample	13	N121213	N1108BP	KDP1R1AAB;I7L070000-534;1;0;;
15	Sample	14	N121214	N1108BP	KDP1R1ACC;I7L070000-534;1;0;; JG
16	Sample	15	N121215	N1108BP	KDHN61AA;I7L050311-001;1;0;;1 12-13-07 PARENT
17	Sample	16	N121216	N1108BP	KDHN61AFS;I7L050311-001;1;0;;
18	Sample	17	N121217	N1108BP	KDHN61AGD;I7L050311-001;1;0;;
19	Sample	18	N121218	N1108BP	KDDP91AE;I7L040166-001;1;0;;1
20	Sample	19	N121219	N1108BP	KDDQ21AE;I7L040166-002;1;0;;1
21	Sample	20	N121220	N1108BP	KDDQ41AE;I7L040166-003;1;0;;1
22	Sample	21	N121221	N1108BP	KDGGN1AX;I7L050147-012;1;0;;1
23	Sample	22	N121222	N1108BP	KDG1R1AD;I7L050202-001;1;0;;1
24	Sample	23	N121223	N1108BP	KDG281AE;I7L050211-001;1;0;;1
25	Sample	24	N121224	N1108BP	KDG3J1AE;I7L050211-002;1;0;;1
26	Sample	25	N121225	N1108BP	KDG3K1AE;I7L050211-003;1;0;;1
27	Sample	26	N121226	N1108BP	KDG3P1AE;I7L050211-005;1;0;;1
28	Sample	27	N121227	N1108BP	KDG3Q1AE;I7L050211-006;1;0;;1
29	Sample	28	N121228	N1108BP	KDG3R1AE;I7L050211-007;1;0;;1

Data File: \\aussvr02\INS_DATA\MSN1.i\N121207.B\N121201.D Page 1
Report Date: 13-Dec-2007 08:04

TestAmerica Austin

Data file : \\aussvr02\INS_DATA\MSN1.i\N121207.B\N121201.D
Lab Smp Id: DFTPP Client Smp ID: DFTPP
Inj Date : 12-DEC-2007 08:45
Operator : GirvicsJ Inst ID: MSN1.i
Smp Info : DFTPP;DFTPP;;;;;;; SMTuneSTD0003
Misc Info : ; ; DFTPP
Comment :
Method : \\AUSSVR02\INS_DATA\MSN1.i\N121207.B\NDFTPP.m
Meth Date : 11-Oct-2007 08:14 malloym Quant Type: ESTD
Cal Date : Cal File:
Als bottle: 1 QC Sample: DFTPP
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14 Sample Matrix: None
Processing Host: AUS21324

					CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	DLT RT	MASS	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
1 dftpp						CAS #: 5074-71-5		
6.424	6.713	-0.289	198	211904			0.00- 100.00	100.00
6.424	7.153	-0.729	51	116880			30.00- 60.00	55.16
6.424	7.153	-0.729	68	0	0.0	0.0	0.00- 2.00	0.00
6.424	7.153	-0.729	69	114184			0.00- 0.00	53.88
6.424	7.153	-0.729	70	334			0.00- 2.00	0.29
6.424	7.153	-0.729	127	115528			40.00- 60.00	54.52
6.424	7.153	-0.729	197	0	0.0	0.0	0.00- 1.00	0.00
6.424	7.153	-0.729	199	14703			5.00- 9.00	6.94
6.424	7.153	-0.729	275	62536			10.00- 30.00	29.51
6.424	7.153	-0.729	365	8523			1.00- 0.00	4.02
6.424	7.153	-0.729	441	26008			0.01- 99.99	75.01
6.424	7.153	-0.729	442	179840			40.00- 0.00	84.87
6.424	7.153	-0.729	443	34672			17.00- 23.00	19.28

DEC 13 2007
JG

Data File: \\aussvr02\INS_DATA\MSN1.i\N121207.B\N121201.D

Date : 12-DEC-2007 08:45

Client ID: DFTPP

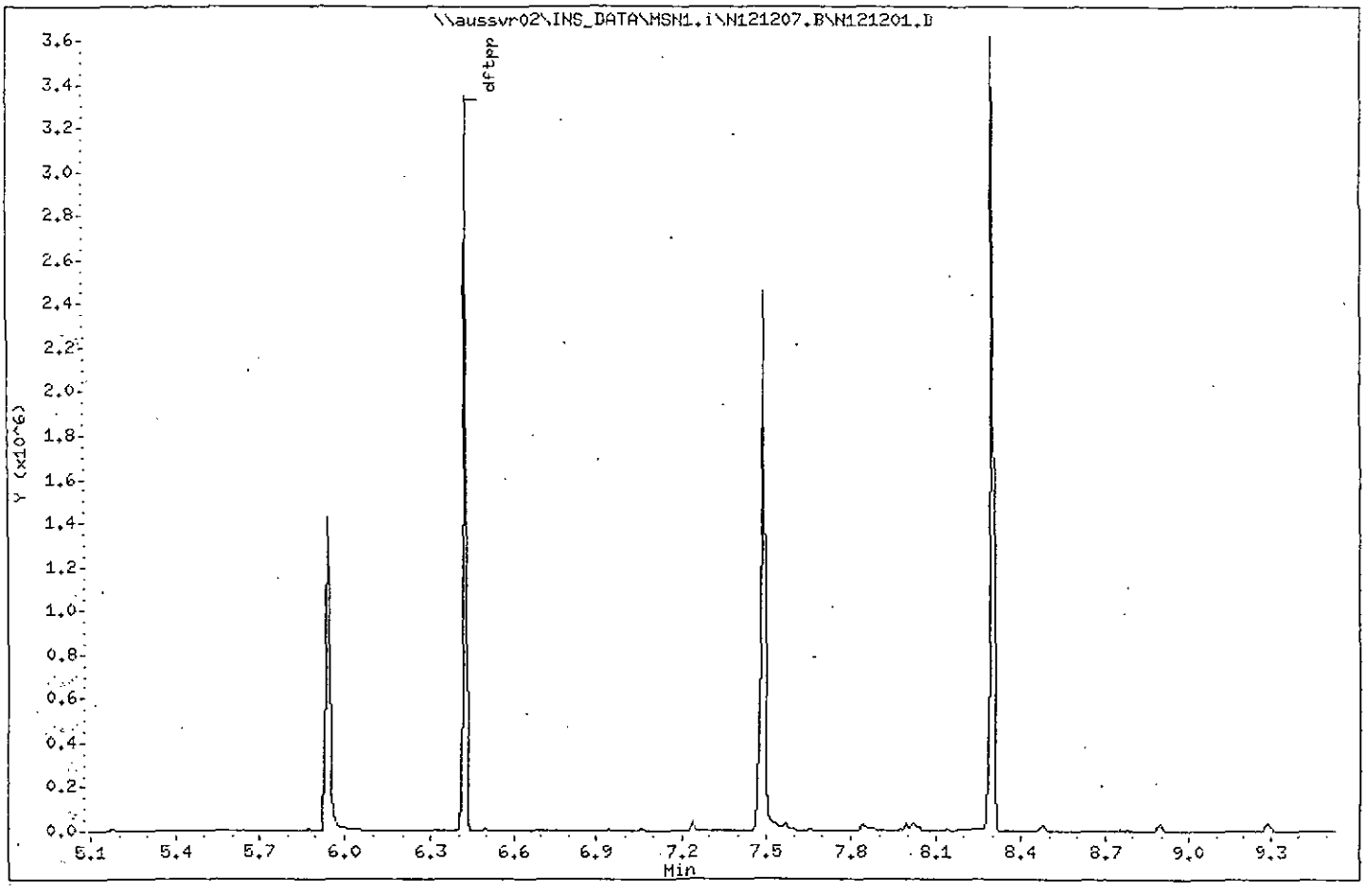
Instrument: MSN1.i

Sample Info: DFTPP;DFTPP;;;;;;;; SMTuneSTD0003

Operator: GirvicsJ

Column phase: Rtx-5 MS

Column diameter: 0.25



Data File: \\aussvr02\INS_DATA\MSN1.i\N121207.B\N121201.D

Date : 12-DEC-2007 08:45

Client ID: DFTPP

Instrument: MSN1.i

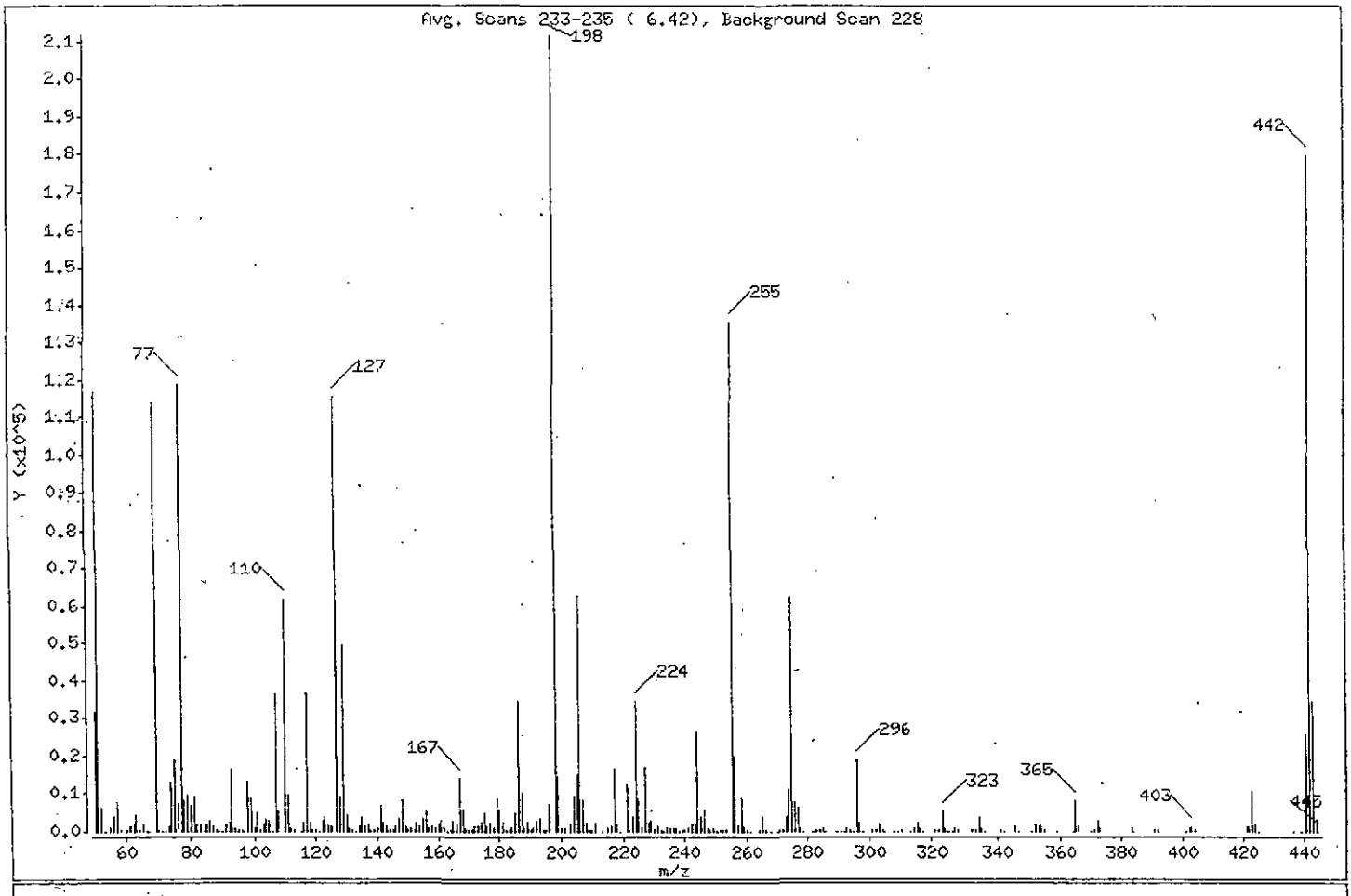
Sample Info: DFTPP;DFTPP;;;;;;;; SMTuneSTD0003

Operator: GirvicsJ

Column phase: Rtx-5 MS

Column diameter: 0.25

1 dftpp



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 60.00% of mass 198	55.16
68	Less than 2.00% of mass 69	0.00 (0.00)
69	Mass 69 relative abundance	53.88
70	Less than 2.00% of mass 69	0.16 (0.29)
127	40.00 - 60.00% of mass 198	54.52
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.94
275	10.00 - 30.00% of mass 198	29.51
365	Greater than 1.00% of mass 198	4.02
441	Present, but less than mass 443	12.27
442	Greater than 40.00% of mass 198	84.87
443	17.00 - 23.00% of mass 442	16.36 (19.28)

Data File: \\aussvr02\INS_DATA\MSN1.i\N121207.B\N121201.D Page 4

Date : 12-DEC-2007 08:45

Client ID: DFTPP Instrument: MSN1.i

Sample Info: DFTPP;DFTPP;;;;;;; SMTuneSTD0003

Operator: GirviosJ

Column phase: Rtx-5 MS Column diameter: 0.25

Data File: N121201.D

Spectrum: Avg. Scans 233-235 (6.42), Background Scan 228

Location of Maximum: 198.00

Number of points: 293

m/z	Y	m/z	Y	m/z	Y	m/z	Y
50.00	31424	130.00	4224	206.00	62960	292.00	243
51.00	116880	131.00	855	207.00	8145	293.00	1208
52.00	6233	132.00	501	208.00	2510	294.00	408
53.00	236	133.00	231	209.00	715	295.00	108
55.00	735	134.00	1604	210.00	720	296.00	19160
56.00	3737	135.00	4043	211.00	2649	297.00	2616
57.00	7702	136.00	1633	213.00	217	298.00	168
58.00	362	137.00	2015	215.00	832	301.00	245
60.00	301	138.00	453	216.00	1507	302.00	359
61.00	1591	139.00	294	217.00	16720	303.00	2145
62.00	1803	140.00	809	218.00	2089	304.00	595
63.00	4526	141.00	7010	219.00	95	305.00	52
64.00	628	142.00	2243	221.00	12439	308.00	238
65.00	2017	143.00	1387	222.00	446	309.00	60
66.00	168	144.00	392	223.00	3805	310.00	259
67.00	122	145.00	333	224.00	34416	313.00	136
69.00	114184	146.00	1291	225.00	8861	314.00	919
70.00	334	147.00	3434	226.00	959	315.00	2238
71.00	121	148.00	8298	227.00	17048	316.00	1211
72.00	58	149.00	1558	228.00	2453	317.00	205
73.00	1239	150.00	381	229.00	3129	321.00	550
74.00	13046	151.00	1016	230.00	548	322.00	322
75.00	18928	152.00	535	231.00	1353	323.00	5573
76.00	7448	153.00	2284	232.00	245	324.00	1028
77.00	118856	154.00	1487	233.00	194	325.00	62
78.00	8481	155.00	3411	234.00	1157	326.00	78
79.00	9719	156.00	5461	235.00	1169	327.00	1098
80.00	6913	157.00	1021	236.00	831	328.00	546
81.00	9261	158.00	1394	237.00	1214	332.00	456
82.00	2158	159.00	924	238.00	65	333.00	587
83.00	1804	160.00	2192	239.00	725	334.00	3774
84.00	278	161.00	2753	240.00	434	335.00	952
85.00	1732	162.00	868	241.00	916	336.00	63
86.00	3007	163.00	181	242.00	1821	341.00	644
87.00	1241	164.00	367	243.00	2108	342.00	159

Data File: \\aussvr02\INS_DATA\MSN1.i\N121207.B\N121201.D

Date : 12-DEC-2007 08:45

Client ID: DFTPP

Instrument: MSN1.i

Sample Info: DFTPP;DFTPP;;;;;;;; SMTuneSTD0003

Operator: GirvicsJ

Column phase: Rtx-5 MS

Column diameter: 0.25

Data File: N121201.D

Spectrum: Avg. Scans 233-235 (6.42), Background Scan 228

Location of Maximum: 198.00

Number of points: 293

m/z	Y	m/z	Y	m/z	Y	m/z	Y
88.00	399	165.00	2801	244.00	26456	346.00	1221
89.00	212	166.00	1913	245.00	3742	347.00	114
90.00	50	167.00	13940	246.00	5977	351.00	64
91.00	2187	168.00	5895	247.00	1169	352.00	1731
92.00	2523	169.00	1037	248.00	274	353.00	1225
93.00	16408	170.00	490	249.00	934	354.00	1926
94.00	1061	171.00	521	250.00	96	355.00	389
95.00	313	172.00	1342	251.00	245	359.00	111
96.00	663	173.00	1461	252.00	276	364.00	51
97.00	65	174.00	2583	253.00	660	365.00	8523
98.00	13316	175.00	4637	255.00	135488	366.00	1268
99.00	8904	176.00	1402	256.00	19824	370.00	136
100.00	759	177.00	2479	257.00	1553	371.00	412
101.00	4723	178.00	893	258.00	8833	372.00	3003
102.00	250	179.00	8896	259.00	1493	373.00	785
103.00	1785	180.00	6008	260.00	254	383.00	743
104.00	3477	181.00	2624	261.00	161	384.00	218
105.00	3121	182.00	522	264.00	397	390.00	330
106.00	139	183.00	267	265.00	3817	391.00	277
107.00	36400	184.00	920	266.00	578	392.00	131
108.00	5335	185.00	4686	268.00	141	401.00	161
110.00	62048	186.00	34544	270.00	231	402.00	1034
111.00	9628	187.00	10035	271.00	355	403.00	1586
112.00	1158	188.00	982	272.00	430	404.00	558
113.00	427	189.00	2627	273.00	3912	421.00	1319
115.00	204	190.00	418	274.00	11286	422.00	1308
116.00	2520	191.00	1098	275.00	62536	423.00	10695
117.00	36672	192.00	2855	276.00	8026	424.00	2128
118.00	2418	193.00	3252	277.00	6499	425.00	136
119.00	269	194.00	634	278.00	996	437.00	52
120.00	507	195.00	357	279.00	191	439.00	67
121.00	189	196.00	7529	282.00	74	441.00	26008
122.00	3022	198.00	211904	283.00	601	442.00	179840
123.00	3955	199.00	14703	284.00	497	443.00	34672
124.00	1934	200.00	1208	285.00	924	444.00	3187

Data File: \\aussvr02\INS_DATA\MSN1.i\N121207.B\N121201.D

Date : 12-DEC-2007 08:45

Client ID: DFTPP

Instrument: MSN1.i

Sample Info: DFTPP;DFTPP;;;;;;; SMTuneSTD0003

Operator: GirviesJ

Column phase: Rtx-5 MS

Column diameter: 0.25

Data File: N121201.D

Spectrum: Avg. Scans 233-235 (6.42), Background Scan 228

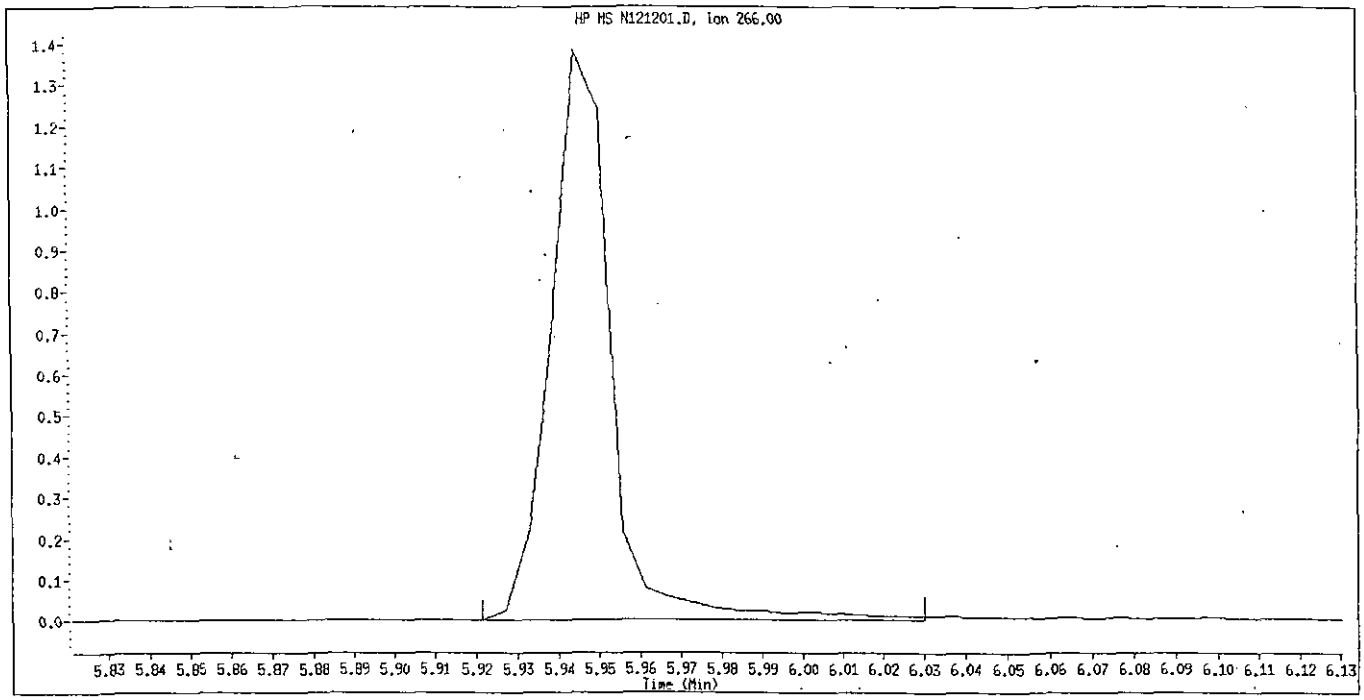
Location of Maximum: 198.00

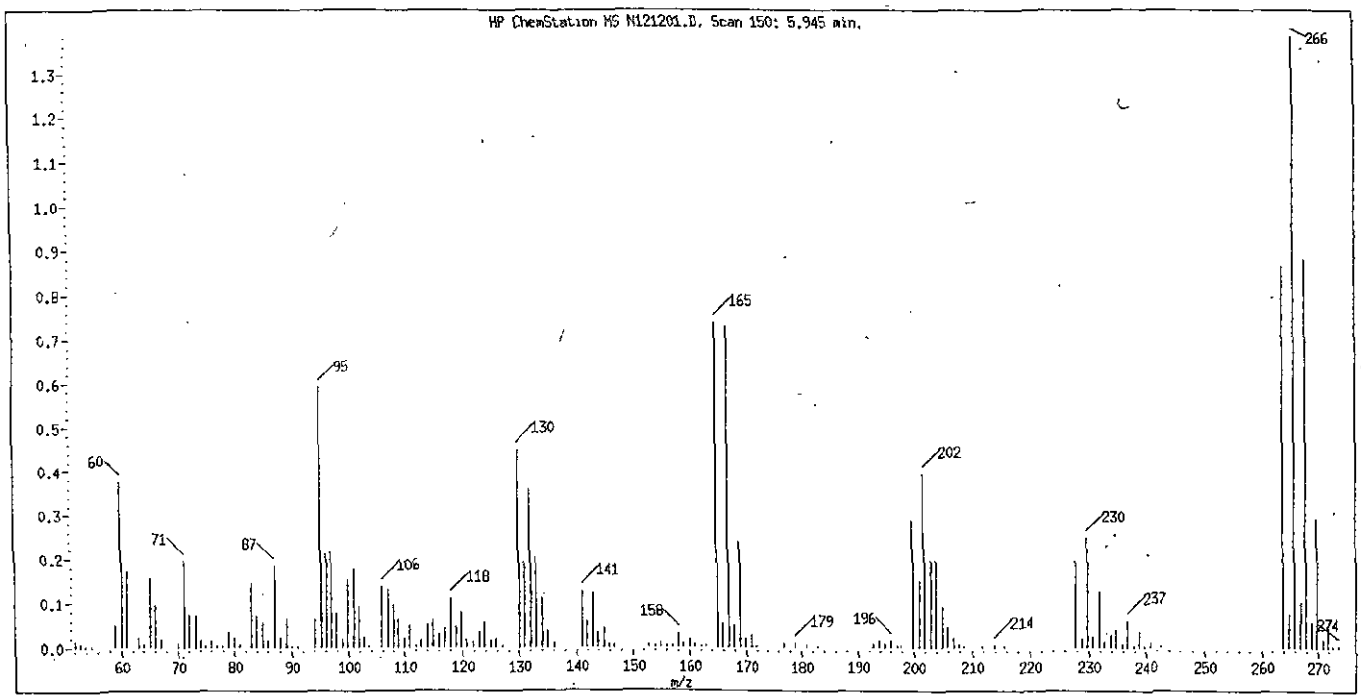
Number of points: 293

m/z	Y	m/z	Y	m/z	Y	m/z	Y
125.00	1578	201.00	1119	286.00	198	445.00	189
127.00	115528	203.00	2042	289.00	153		
128.00	9128	204.00	9182	290.00	228		
129.00	49904	205.00	14948	291.00	55		

Data File: N121201.D
Inj Date: 12-DEC-2007 08:45
Instrument ID: MSN1.i
Compound Name: Pentachlorophenol
Operator Name: GirvicsJ
Report Date: 12/12/2007

TAILING FACTOR

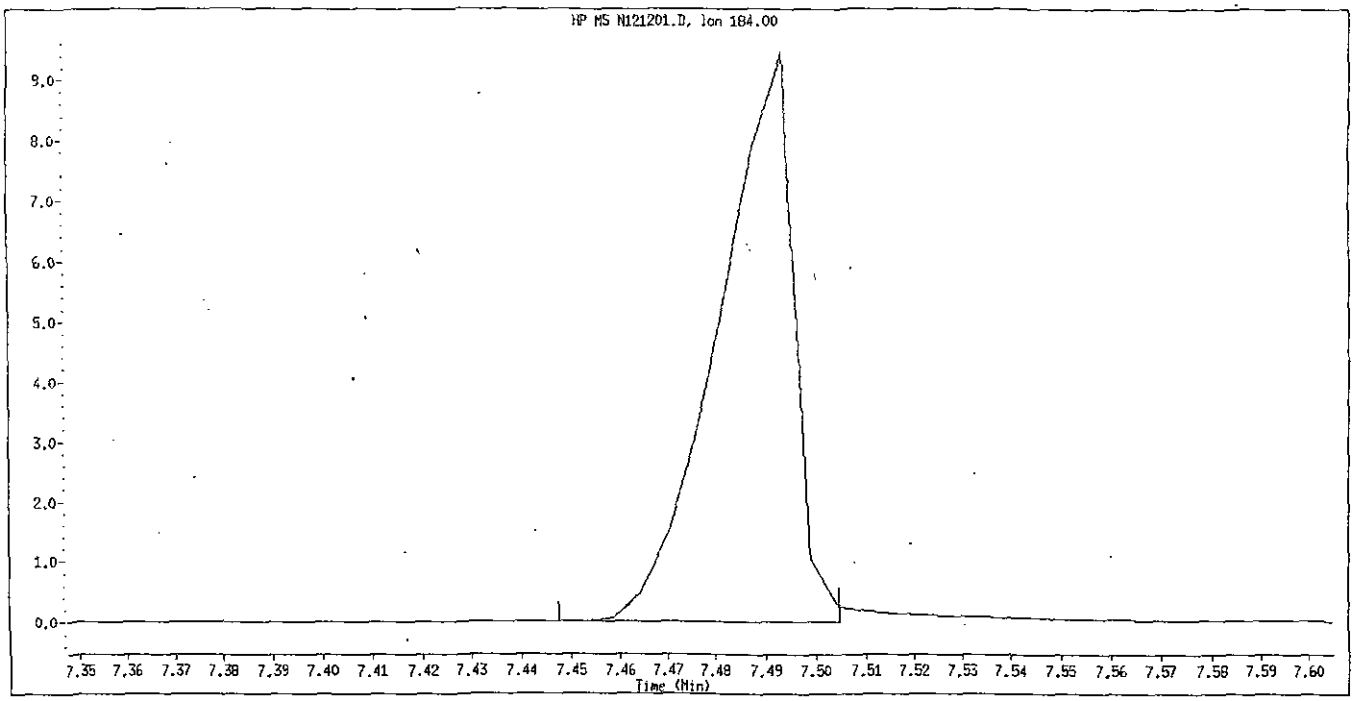


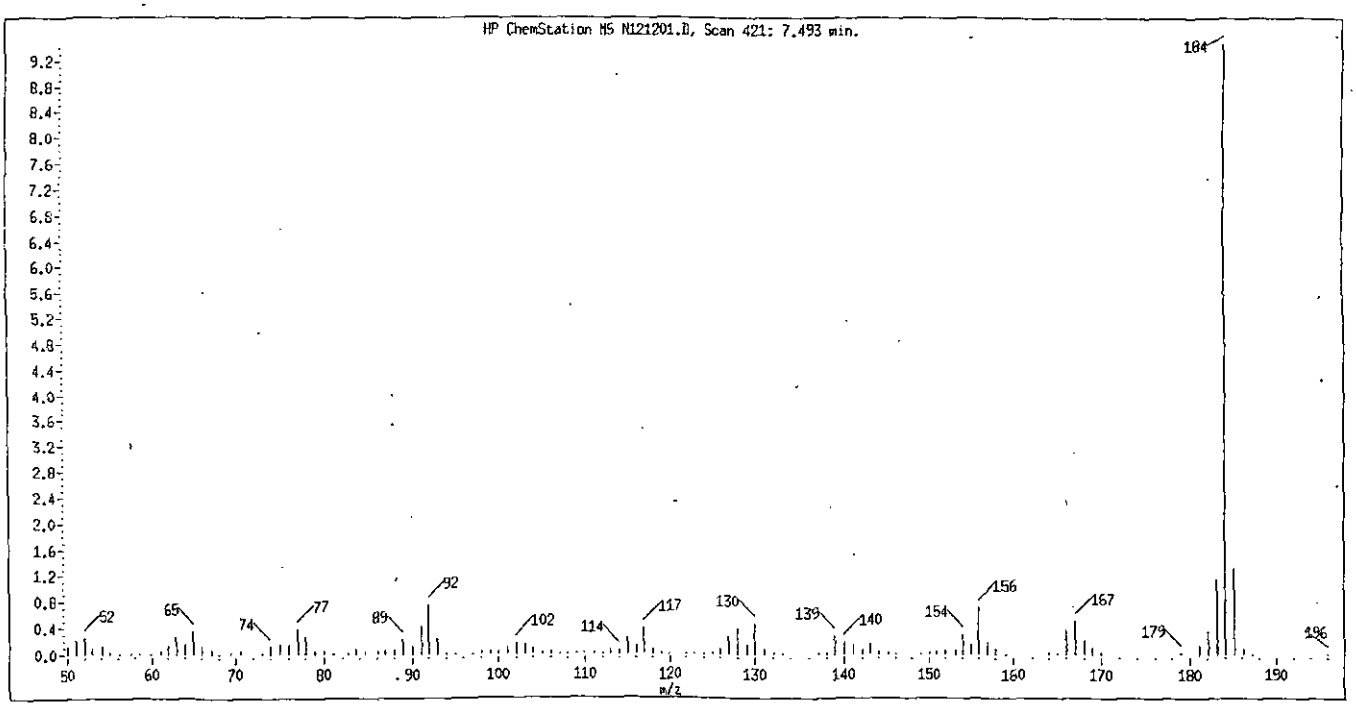


Tailing Factor = 1.06 Good
Acceptance Criteria 0 - 5
Tailing Factor = (T3 - T2) / (T2 - T1)
T1 = 5.930712 T2 = 5.9445 T3 = 5.959102

Data File: N121201.D
Inj Date: 12-DEC-2007 08:45
Instrument ID: MSN1.i
Compound Name: Benzidine
Operator Name: GirvicsJ
Report Date: 12/12/2007

TAILING FACTOR

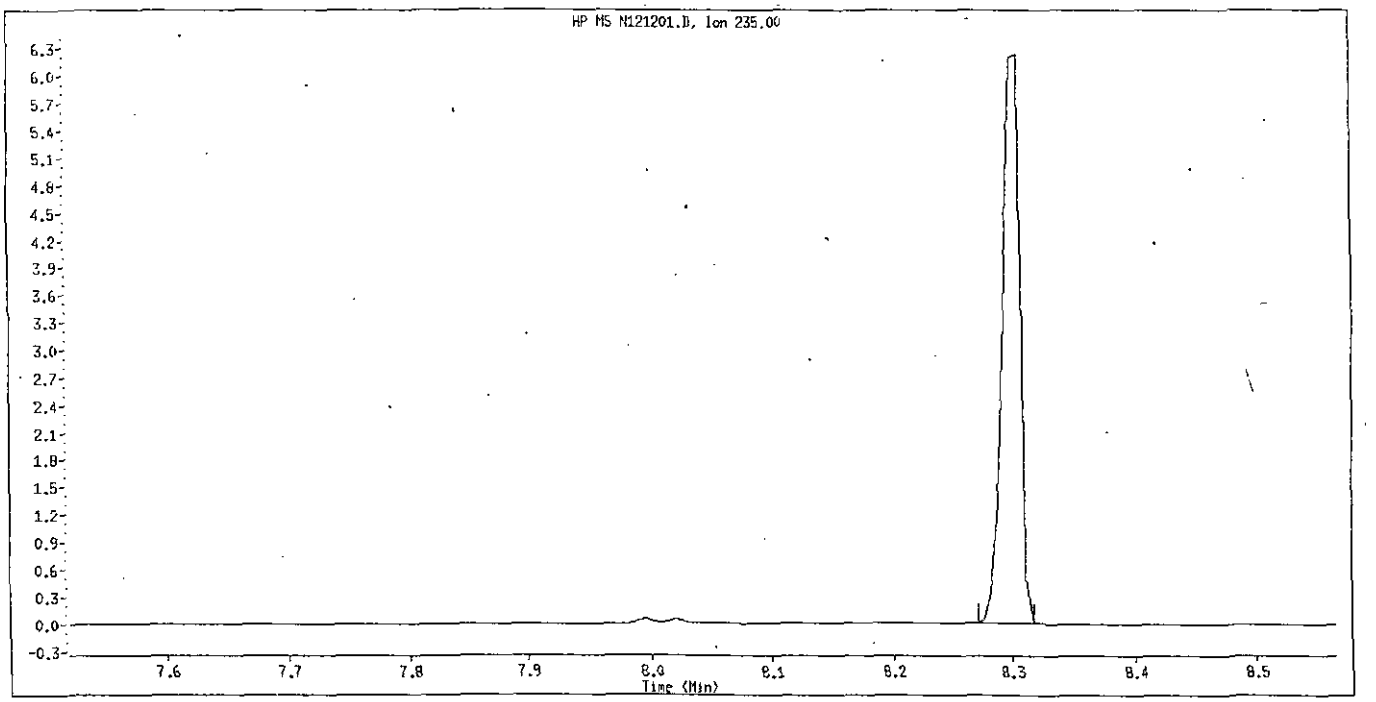




Tailing Factor = 0.246 Good
Acceptance Criteria 0 - 3
Tailing Factor = (T3 - T2) / (T2 - T1)
T1 = 7.467445 T2 = 7.4934 T3 = 7.49978

Data File: N121201.D
Inj Date: 12-DEC-2007 08:45
Instrument ID: MSN1.i
Compound Name: 4,4'-DDT
Operator Name: GirvicsJ
Report Date: 12/12/2007

DEGRADATION REPORT



Degradation = 0.812% Good
Acceptance Criteria 0 - 20 %
DDT Area = 619310
DDE Area = 4499
DDD Area = 569

Data File: \\aussvr02\INS_DATA\MSN1.i\N121207.B\N121202.D Page 1
Report Date: 13-Dec-2007 08:10

TestAmerica Austin

Method 8270C Semivolatiles

Data file : \\aussvr02\INS_DATA\MSN1.i\N121207.B\N121202.D
Lab Smp Id: Ccalib_5 Client Smp ID: HSL_10
Inj Date : 12-DEC-2007 09:00
Operator : MALLOYM Inst ID: MSN1.i
Smp Info : Ccalib_5;HSL_10;;2;5;3;;;; SMBPHSLCCV_00026
Misc Info : ;2-HSL.sub; IS-SMINTSTDW_00003 (20 uL/1mL)
Comment : SOP NO. : AUS-MS-0005
Method : \\aussvr02\INS_DATA\MSN1.i\N121207.B\N1108BP.m
Meth Date : 13-Dec-2007 08:10 GirvicsJ Quant Type: ISTD
Cal Date : 04-DEC-2007 16:32 Cal File: N120410.D
Als bottle: 2 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 2-HSL.sub
Target Version: 4.14
Processing Host: AUSDJ7MV21

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	ON-COL (ug/mL)	REVIEW CODE
* 23 1,4-Dichlorobenzene-d4	152	3.951	3.951	(1.000)	70858	10.0000		Rev
* 50 Naphthalene-d8	136	5.185	5.185	(1.000)	295691	10.0000		Rev
* 91 Acenaphthene-d10	164	6.943	6.943	(1.000)	187222	10.0000		Rev
* 132 Phenanthrene-d10	188	8.444	8.444	(1.000)	361370	10.0000		Rev
* 160 Chrysene-d12	240	11.185	11.185	(1.000)	384088	10.0000		Rev
* 169 Perylene-d12	264	12.851	12.851	(1.000)	287155	10.0000		Rev
$ 12 2-Fluorophenol	112	2.787	2.787	(0.705)	140436	15.0000	14.758	Rev
$ 15 Phenol-d5	99	3.626	3.626	(0.918)	189464	15.0000	14.732	Rev
$ 114 2,4,6-Tribromophenol	330	7.744	7.744	(0.917)	42799	15.0000	13.407	Rev
$ 38 Nitrobenzene-d5	82	4.486	4.486	(0.865)	131285	10.0000	10.087	Rev
$ 75 2-Fluorobiphenyl	172	6.259	6.259	(0.902)	242101	10.0000	9.7104	Rev
$ 147 Terphenyl-d14	244	10.047	10.047	(0.898)	318664	10.0000	9.6419	Rev
3 Bis (chloromethyl) ether	79	1.467	1.467	(0.371)	89391	10.0000	9.2892	Rev
4 N-Nitrosodimethylamine	74	1.633	1.633	(0.413)	61371	10.0000	9.5441	Rev
5 Pyridine	79	1.665	1.665	(0.421)	108739	10.0000	9.6051	Rev
16 Phenol	94	3.636	3.636	(0.920)	151877	10.0000	9.5893	Rev
18 Aniline	93	3.658	3.658	(0.926)	169930	10.0000	9.0982	Rev
19 bis(2-Chloroethyl)ether	63	3.711	3.711	(0.939)	90730	10.0000	9.2023	Rev
21 2-Chlorophenol	128	3.770	3.770	(0.954)	108684	10.0000	10.068	Rev
22 1,3-Dichlorobenzene	146	3.898	3.898	(0.986)	112544	10.0000	10.183	Rev
24 1,4-Dichlorobenzene	146	3.967	3.967	(1.004)	119366	10.0000	9.9525	Rev
27 1,2-Dichlorobenzene	146	4.112	4.112	(1.041)	110456	10.0000	10.171	Rev
25 Benzyl Alcohol	108	4.090	4.090	(1.035)	69599	10.0000	9.4318	Rev
29 bis(2-Chloroisopropyl)ether	45	4.208	4.208	(1.065)	198449	10.0000	9.3452	Rev
28 2-Methylphenol	108	4.192	4.192	(1.061)	103401	10.0000	10.281	Rev
30 3-(and/or 4-)Methylphenol	108	4.347	4.347	(1.100)	111714	10.0000	10.673	Rev
33 N-Nitroso-di-n-propylamine	70	4.341	4.341	(1.099)	102425	10.0000	10.527	Rev
37 Hexachloroethane	117	4.432	4.432	(1.122)	48398	10.0000	10.139	Rev
39 Nitrobenzene	77	4.507	4.507	(0.869)	148164	10.0000	9.9930	Rev
41 Isophorone	82	4.737	4.737	(0.913)	214706	10.0000	9.9518	Rev
43 2-Nitrophenol	139	4.812	4.812	(0.928)	58114	10.0000	9.9924	Rev
42 2,4-Dimethyphenol	107	4.854	4.854	(0.936)	127886	10.0000	9.9827	Rev
45 Benzoic Acid	122	4.999	4.999	(0.964)	41578	10.0000	8.0608	Rev

DEC 15 2007

DEC 13 2007

Data File: \\aussvr02\INS_DATA\MSN1.i\N121207.B\N121202.D Page 2
Report Date: 13-Dec-2007 08:10

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)	REVIEW CODE
46 Bis(2-chloroethoxy)methane	93	4.940	4.940	(0.953)	127965	10.0000	9.7950	Rev
47 2,4-Dichlorophenol	162	5.057	5.057	(0.975)	84505	10.0000	10.199	Rev
49 1,2,4-Trichlorobenzene	180	5.127	5.127	(0.989)	94876	10.0000	10.129	Rev
51 Naphthalene	128	5.207	5.207	(1.004)	339290	10.0000	10.045	Rev
52 4-Chloroaniline	127	5.260	5.260	(1.014)	126488	10.0000	10.280	Rev
55 Hexachlorobutadiene	225	5.319	5.319	(1.026)	62561	10.0000	10.302	Rev
63 4-Chloro-3-Methylphenol	107	5.752	5.752	(1.109)	111042	10.0000	10.014	Rev
67 2-Methylnaphthalene	142	5.891	5.891	(1.136)	211963	10.0000	9.9054	Rev
68 1-Methylnaphthalene	142	5.992	5.992	(1.156)	215121	10.0000	9.9667	Rev
69 Hexachlorocyclopentadiene	237	6.040	6.040	(0.870)	19784	10.0000	5.7622	Rev
72 2,4,6-Trichlorophenol	196	6.179	6.179	(0.890)	58629	10.0000	9.3499	Rev
74 2,4,5-Trichlorphenol	196	6.227	6.227	(0.897)	64198	10.0000	8.2990	Rev
78 2-Chloronaphthalene	127	6.382	6.382	(0.919)	98299	10.0000	9.9347	Rev
80 2-Nitroaniline	65	6.489	6.489	(0.935)	89885	10.0000	10.013	Rev
82 1,4-Dinitrobenzene	168	6.639	6.639	(0.956)	37920	10.0000	9.8156	Rev
83 Dimethylphthalate	163	6.676	6.676	(0.962)	253363	10.0000	10.072	Rev
85 2,6-Dinitrotoluene	165	6.740	6.740	(0.971)	57176	10.0000	9.6555	Rev
84 1,3-Dinitrobenzene	168	6.719	6.719	(0.968)	42691	10.0000	10.082	Rev
86 Acenaphthylene	152	6.804	6.804	(0.980)	366981	10.0000	10.294	Rev
89 3-Nitroaniline	138	6.911	6.911	(0.995)	55422	10.0000	9.7012	Rev
92 Acenaphthene	153	6.975	6.975	(1.005)	225269	10.0000	10.010	Rev
93 2,4-Dinitrophenol	184	7.018	7.018	(1.011)	22941	10.0000	9.9589	Rev
94 4-Nitrophenol	109	7.109	7.109	(1.024)	40431	10.0000	8.2051	Rev
96 2,4-Dinitrotoluene	165	7.146	7.146	(1.029)	88466	10.0000	10.562	Rev
97 Dibenzofuran	168	7.151	7.151	(1.030)	331385	10.0000	10.510	Rev
99 2,3,5,6-Tetrachlorophenol	232	7.232	7.232	(1.042)	46233	10.0000	8.1099	Rev
101 2,3,4,6-tetrachlorophenol	232	7.274	7.274	(1.048)	54278	10.0000	8.8230	Rev
103 Diethylphthalate	149	7.381	7.381	(1.063)	274111	10.0000	10.108	Rev
105 4-Chlorophenyl-phenylether	204	7.488	7.488	(1.078)	148458	10.0000	10.595	Rev
107 Fluorene	166	7.493	7.493	(1.079)	291007	10.0000	11.014	Rev
109 4,6-Dinitro-2-methylphenol	198	7.563	7.563	(0.896)	46057	10.0000	9.0634	Rev
108 4-Nitroaniline	138	7.536	7.536	(1.085)	57593	10.0000	9.6173	Rev
110 N-Nitrosodiphenylamine/DPA	169	7.616	7.616	(1.097)	225964	10.0000	10.174	Rev
111 Azobenzene	77	7.654	7.654	(0.906)	331936	10.0000	9.9571	Rev
122 4-Bromophenyl-phenylether	248	7.985	7.985	(0.946)	75770	10.0000	10.300	Rev
123 Hexachlorobenzene	284	8.049	8.049	(0.953)	72639	10.0000	10.062	Rev
127 Pentachlorophenol	266	8.252	8.252	(0.977)	23847	10.0000	9.3259	Rev
133 Phenanthrene	178	8.466	8.466	(1.003)	393844	10.0000	10.053	Rev
134 Anthracene	178	8.519	8.519	(1.009)	379614	10.0000	10.094	Rev
135 Carbazole	167	8.685	8.685	(1.028)	341348	10.0000	10.080	Rev
137 Di-n-Butylphthalate	149	9.021	9.021	(1.068)	486286	10.0000	9.1973	Rev
142 Fluoranthene	202	9.668	9.668	(1.145)	429039	10.0000	10.401	Rev
144 Benzidine	184	9.801	9.801	(0.876)	212468	10.0000	9.3062	Rev
145 Pyrene	202	9.897	9.897	(0.885)	443066	10.0000	9.6916	Rev
152 Butylbenzylphthalate	149	10.544	10.544	(0.943)	211339	10.0000	8.8358	Rev
158 3,3'-Dichlorobenzidine	252	11.137	11.137	(0.996)	142734	10.0000	8.1328	Rev
159 Benzo(a)anthracene	228	11.169	11.169	(0.999)	491252	10.0000	10.707	Rev
156 bis(2-Ethylhexyl)phthalate	149	11.169	11.169	(0.999)	365133	10.0000	9.4347	Rev
161 Chrysene	228	11.211	11.211	(1.002)	376419	10.0000	8.9757	Rev
162 Di-n-octylphthalate	149	11.922	11.922	(0.928)	473912	10.0000	8.8056	Rev
166 Benzo(b)fluoranthene	252	12.403	12.403	(0.965)	377573	10.0000	10.401	Rev
167 Benzo(k)fluoranthene	252	12.440	12.440	(0.968)	411151	10.0000	10.262	Rev
168 Benzo(a)pyrene	252	12.782	12.782	(0.995)	341438	10.0000	10.131	Rev
173 Indeno(1,2,3-cd)pyrene	276	14.107	14.107	(1.098)	386701	10.0000	10.175	Rev

Data File: \\aussvr02\INS_DATA\MSN1.i\N121207.B\N121202.D Page 3
Report Date: 13-Dec-2007 08:10

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)	REVIEW CODE
174 Dibenz(a,h)anthracene	278	14.128	14.128	(1.099)	336193	10.0000	9.2159	Rev
176 Benzo(g,h,i)perylene	276	14.470	14.470	(1.126)	299127	10.0000	9.9613	Rev

Data File: \\aussvr02\INS_DATA\MSN1.i\N121207.B\N121202.D

Date : 12-DEC-2007 09:00

Client ID: HSL_10

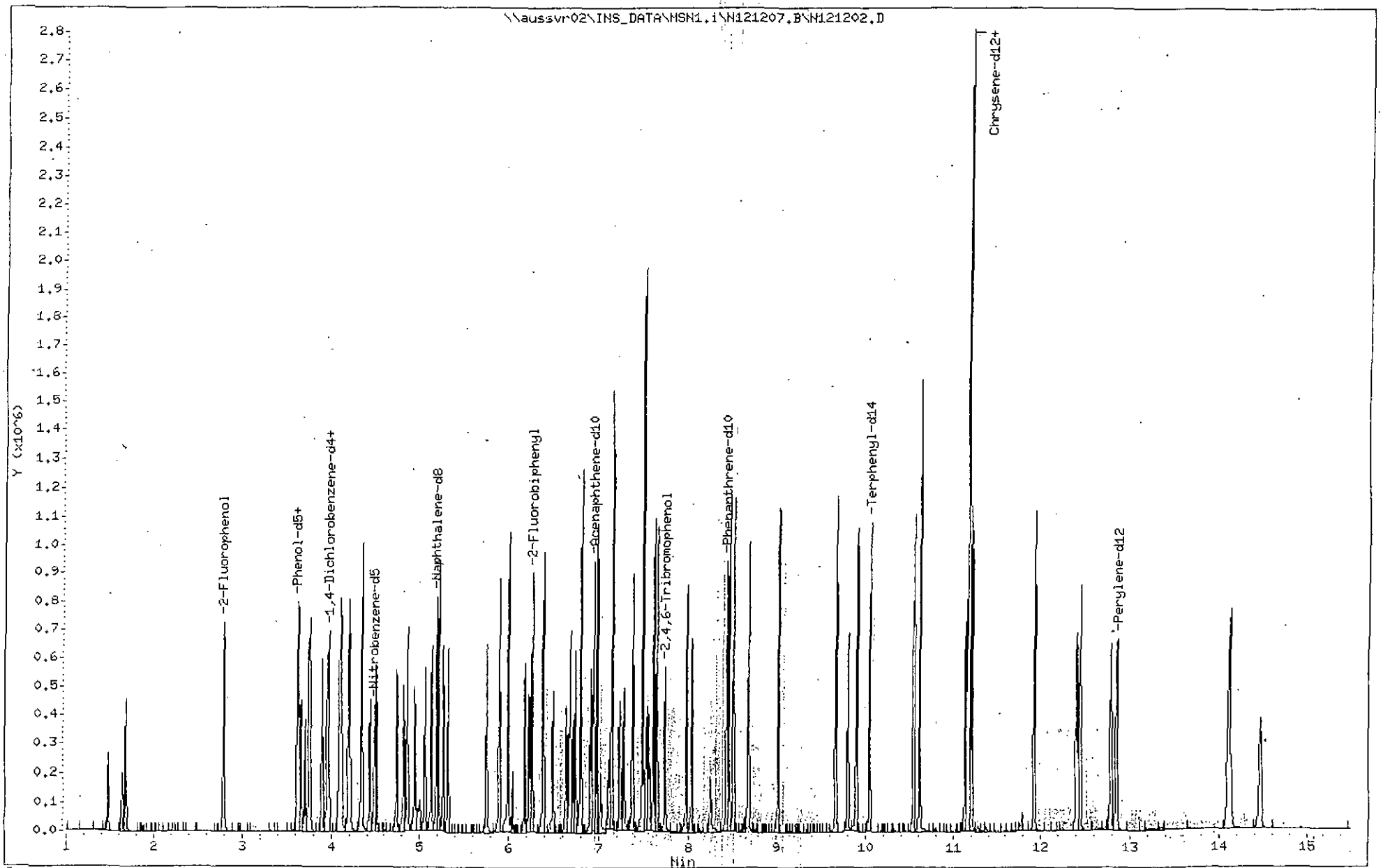
Sample Info: Coalib_5;HSL_10;;2;5;3;;;; SMBPHSLCCV_00026

Column phase: DB5.625

Instrument: MSN1.i

Operator: HALLOYM

Column diameter: 0.18



Data File: \\aussvr02\INS_DATA\MSN1.i\N121207.B\N121203.D
Report Date: 12-Dec-2007 15:33

TestAmerica Austin

Method 8270C Semivolatiles

Data file : \\aussvr02\INS_DATA\MSN1.i\N121207.B\N121203.D
Lab Smp Id: Ccalib_5 Client Smp ID: AP9_10
Inj Date : 12-DEC-2007 09:20
Operator : MALLOYM Inst ID: MSN1.i
Smp Info : Ccalib_5;AP9_10;;2;5;3;;;; SMBPAP9CCV_00025
Misc Info : ;3-AP9.sub; IS-SMINTSTDW_00003 (20 uL/1mL)
Comment : SOP NO. : AUS-MS-0005
Method : \\aussvr02\INS_DATA\MSN1.i\N121207.B\N1108BP.m
Meth Date : 12-Dec-2007 15:31 GirvicsJ Quant Type: ISTD
Cal Date : 04-DEC-2007 16:32 Cal File: N120410.D
Als bottle: 3 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 3-AP9.sub
Target Version: 4.14
Processing Host: AUSDJ7MV21

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)	REVIEW CODE
* 23	1,4-Dichlorobenzene-d4	152	3.951	3.951	(1.000)	58998	10.0000		Rev
* 50	Naphthalene-d8	136	5.185	5.185	(1.000)	246610	10.0000		Rev
* 91	Acenaphthene-d10	164	6.937	6.937	(1.000)	190364	10.0000		Rev
* 132	Phenanthrene-d10	188	8.443	8.443	(1.000)	335614	10.0000		Rev
* 160	Chrysene-d12	240	11.173	11.173	(1.000)	290073	10.0000		Rev
* 169	Perylene-d12	264	12.840	12.840	(1.000)	256560	10.0000		Rev
1	2-Ethoxyethanol	59	1.365	1.366	(0.346)	46002	10.0000	7.7032	Rev
2	1,4-Dioxane	88	1.365	1.365	(0.346)	33790	10.0000	8.8131	Rev
6	N,N-Dimethylformamide	73	1.963	1.963	(0.497)	54796	10.0000	8.9105	Rev
7	Propyl-cellosolve	43	2.177	2.177	(0.551)	105556	10.0000	8.5047	Rev
8	2-Picoline	93	2.284	2.284	(0.578)	94182	10.0000	9.6425	Rev
9	N-Nitrosomethylethylamine	88	2.375	2.375	(0.601)	39331	10.0000	9.5926	Rev
10	Acrylamide	71	2.663	2.663	(0.674)	34554	10.0000	9.3100(Q)	Rev
11	Methyl methanesulfonate	80	2.636	2.636	(0.667)	55167	10.0000	9.8855	Rev
13	N-Nitrosodiethylamine	102	2.984	2.984	(0.755)	43246	10.0000	9.6982	Rev
14	Ethyl methanesulfonate	79	3.251	3.251	(0.823)	71835	10.0000	9.5606	Rev
20	Pentachloroethane	117	3.689	3.689	(0.934)	32561	10.0000	10.171	Rev
26	1-Methyl-2-pyrrolidone	99	4.095	4.095	(1.037)	52792	10.0000	9.6042	Rev
34	Acetophenone	105	4.341	4.341	(1.099)	142932	10.0000	9.9614	Rev
31	N-Nitrosopyrrolidine	100	4.330	4.330	(1.096)	45101	10.0000	9.1772	Rev
35	N-Nitrosomorpholine	56	4.362	4.362	(1.104)	83023	10.0000	10.199	Rev
36	o-Toluidine	106	4.373	4.373	(1.107)	151538	10.0000	9.5500	Rev
40	N-Nitrosopiperidine	114	4.650	4.650	(0.897)	43442	10.0000	9.9462	Rev
44	o,o,o-Triethylphosphorothioat	198	4.907	4.907	(0.946)	51551	10.0000	9.9199	Rev
48	a,a-Dimethylphenethylamine	58	5.115	5.115	(0.987)	148212	10.0000	7.7541	Rev
53	2,6-Dichlorophenol	162	5.270	5.270	(1.016)	69951	10.0000	10.457	Rev
54	Hexachloropropene	213	5.286	5.286	(1.020)	64526	10.0000	9.1260	Rev
57	N-Nitroso-di-n-butylamine	84	5.591	5.591	(1.078)	96615	10.0000	11.560	Rev
60	Caprolactum	113	5.612	5.612	(1.082)	32446	10.0000	11.048	Rev
61	p-Phenylenediamine	108	5.612	5.612	(1.082)	80170	10.0000	12.139(Q)	Rev
65	Safrole	162	5.799	5.799	(1.118)	77545	10.0000	10.077	Rev
70	1,2,4,5-Tetrachlorobenzene	216	6.055	6.055	(0.873)	88520	10.0000	8.2092	Rev
71	Isosafrole #1	162	6.088	6.088	(0.878)	110331	10.0000		Rev

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Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)	REVIEW CODE
76 Isosafrole #2	162	6.323	6.323	(0.911)	76234	10.0000		Rev
77 Biphenyl	154	6.360	6.360	(0.917)	247821	10.0000	8.2235	Rev
79 Diphenyl ether	170	6.461	6.461	(0.931)	131849	10.0000	7.9815	Rev
81 1,4-Naphthoquinone	158	6.563	6.563	(0.946)	56702	10.0000	8.1734	Rev
90 Dimethyl terephthalate	163	6.937	6.937	(1.000)	219389	10.0000	9.5272	Rev
95 Pentachlorobenzene	250	7.103	7.103	(1.024)	80371	10.0000	8.3320	Rev
100 1-Naphthylamine	143	7.231	7.231	(1.042)	170466	10.0000	8.3032	Rev
102 2-Naphthylamine	143	7.306	7.306	(1.053)	155191	10.0000	8.3865	Rev
104 Thionazin	97	7.455	7.455	(1.075)	56093	10.0000	8.6267	Rev
106 5-Nitro-o-toluidine	152	7.514	7.514	(1.083)	56882	10.0000	8.0837	Rev
112 Sulfotepp	97	7.760	7.760	(0.919)	46705	10.0000	8.7407	Rev
116 Atrazine	200	8.155	8.155	(2.064)	48974	10.0000	9.2432	Rev
117 1,3,5-Trinitrobenzene	213	7.904	7.904	(0.936)	27009	10.0000	8.3567	Rev
118 Diallate #1	234	7.898	7.898	(0.935)	37511	10.0000		Rev
119 Phenacetin	108	7.941	7.941	(0.941)	136003	10.0000	9.0915	Rev
120 Phorate	75	7.904	7.904	(0.936)	247337	10.0000	13.527	Rev
121 Dialate #2	234	7.984	7.984	(0.946)	10312	10.0000		Rev
124 Dimethoate	87	8.091	8.091	(0.958)	75108	10.0000	9.5795	Rev
126 4-Aminobiphenyl	169	8.251	8.251	(0.977)	204704	10.0000	9.7108	Rev
129 Pronamide	173	8.310	8.310	(0.984)	106983	10.0000	8.2897	Rev
128 Pentachloronitrobenzene	295	8.256	8.256	(0.978)	12821	10.0000	8.6971	Rev
130 Dinoseb	211	8.433	8.433	(0.999)	43113	10.0000	9.2598	Rev
131 Disulfoton	88	8.433	8.433	(0.999)	144024	10.0000	8.9412	Rev
136 Methyl parathion	109	8.812	8.812	(1.044)	68305	10.0000	10.007	Rev
138 Parathion	109	9.202	9.202	(1.090)	55018	10.0000	8.7791	Rev
139 4-Nitroquinoline-1-oxide	190	9.250	9.250	(1.096)	6982	10.0000	6.4782	Rev
140 Methapyrilene	58	9.309	9.309	(1.102)	35090	10.0000	8.1090	Rev
141 Isodrin	193	9.506	9.506	(1.126)	38270	10.0000	8.6149	Rev
146 Aramite #1	185	10.014	10.014	(0.896)	20058	10.0000		Rev
148 Aramite #2	185	10.094	10.094	(0.903)	24571	10.0000		Rev
149 4-Dimethylaminoazobenzene	120	10.185	10.185	(0.912)	113145	10.0000	9.2241	Rev
150 Chlorobenzilate	251	10.228	10.228	(0.916)	115940	10.0000	8.8146	Rev
151 Famphur	218	10.479	10.479	(0.938)	40675	10.0000	9.3831	Rev
154 Kepone	272	10.586	10.586	(0.947)	7232	10.0000	8.8508	Rev
153 3,3'-Dimethylbenzidine	212	10.532	10.532	(0.943)	96288	10.0000	11.122	Rev
155 2-Acetylaminofluorene	181	10.821	10.821	(0.968)	159433	10.0000	9.8243	Rev
165 7,12-Dimethylbenz(a)anthracen	256	12.381	12.381	(0.964)	169011	10.0000	8.9248	Rev
170 3-MethylCholanthrene	268	13.166	13.166	(1.025)	165677	10.0000	9.0408	Rev
157 4,4-Methylenebis(2-chloroa	266	11.130	11.130	(0.996)	29326	10.0000	10.415	Rev
172 Dibenz(a,j)acridine	279	13.866	13.866	(1.080)	236262	10.0000	9.8391	Rev
M 181 Diallate (total)	86				47823	10.0000	9.3153	
M 182 Aramite (total)	185				44629	10.0000	10.818	
M 180 Isosafrol (cis + trans)	100				87267	10.0000	8.2029	

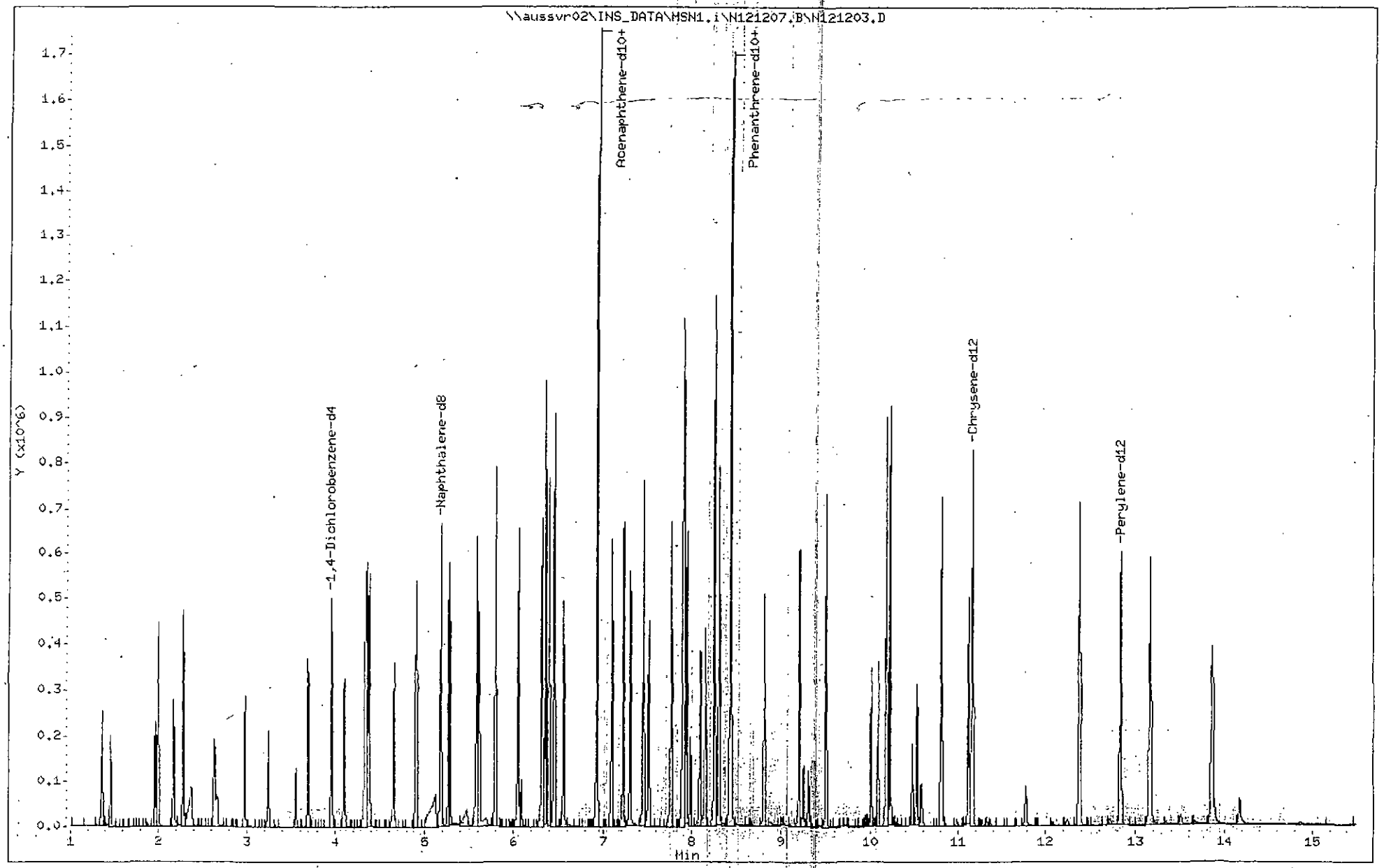
QC Flag Legend

Q - Qualifier signal failed the ratio test.

Data File: \\aussvr02\INS_DATA\MSN1.i\N121207.B\N121203.D
Date : 12-DEC-2007 09:20
Client ID: AP9_10
Sample Info: Ccalib_5;AP9_10;;2;5;3;;;; SMBPAP9CCV_00025

Column phase: DB5.625

Instrument: MSN1.i
Operator: HALLOYM
Column diameter: 0.18



Data File: \\aussvr02\INS_DATA\MSN1.i\N121207.B\N121213.D Page 1
Report Date: 13-Dec-2007 10:49

TestAmerica Austin

Method 8270C Semivolatiles

Data file : \\aussvr02\INS_DATA\MSN1.i\N121207.B\N121213.D
Lab Smp Id: KDP1R1AAB Client Smp ID: I7L070000-534
Inj Date : 12-DEC-2007 12:51
Operator : MALLOYM Inst ID: MSN1.i
Smp Info : KDP1R1AAB;I7L070000-534;1;0;;1;1000;;5000;
Misc Info : ;2-8270A.sub; IS-SMINTSTDW_00003 ;7341534
Comment : SOP NO. : AUS-MS-0005
Method : \\aussvr02\INS_DATA\MSN1.i\N121207.B\N1108BP.M
Meth Date : 13-Dec-2007 09:56 GirvicsJ Quant Type: ISTD
Cal Date : 04-DEC-2007 16:32 Cal File: N120410.D
Als bottle: 13
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 2-8270A.sub
Target Version: 4.14
Processing Host: AUSDJ7MV21

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vt	5000.000	Final volume of the extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/L)	REVIEW CODE
* 23	1,4-Dichlorobenzene-d4	152	3.949	3.951	(1.000)	48455	10.0000		Rev
* 50	Naphthalene-d8	136	5.183	5.185	(1.000)	205967	10.0000		Rev
* 91	Acenaphthene-d10	164	6.936	6.937	(1.000)	132739	10.0000		Rev
* 132	Phenanthrene-d10	188	8.437	8.443	(1.000)	256005	10.0000		Rev
* 160	Chrysene-d12	240	11.172	11.173	(1.000)	270749	10.0000		Rev
* 169	Perylene-d12	264	12.844	12.840	(1.000)	233648	10.0000		Rev
$ 12	2-Fluorophenol	112	2.790	2.787	(0.707)	75066	11.5358	57.679	Rev
$ 15	Phenol-d5	99	3.613	3.626	(0.915)	99892	11.3588	56.794	Rev
$ 114	2,4,6-Tribromophenol	330	7.737	7.744	(0.917)	21394	9.71164	48.558	Rev
$ 38	Nitrobenzene-d5	82	4.478	4.486	(0.864)	75398	8.31632	41.582	Rev
$ 75	2-Fluorobiphenyl	172	6.252	6.259	(0.901)	133178	7.53411	37.670	Rev
$ 147	Terphenyl-d14	244	10.045	10.047	(0.899)	195835	8.40592	42.030	Rev
156	bis(2-Ethylhexyl)phthalate	149	11.161	11.169	(0.999)	2784	0.66158	3.3079	Rev

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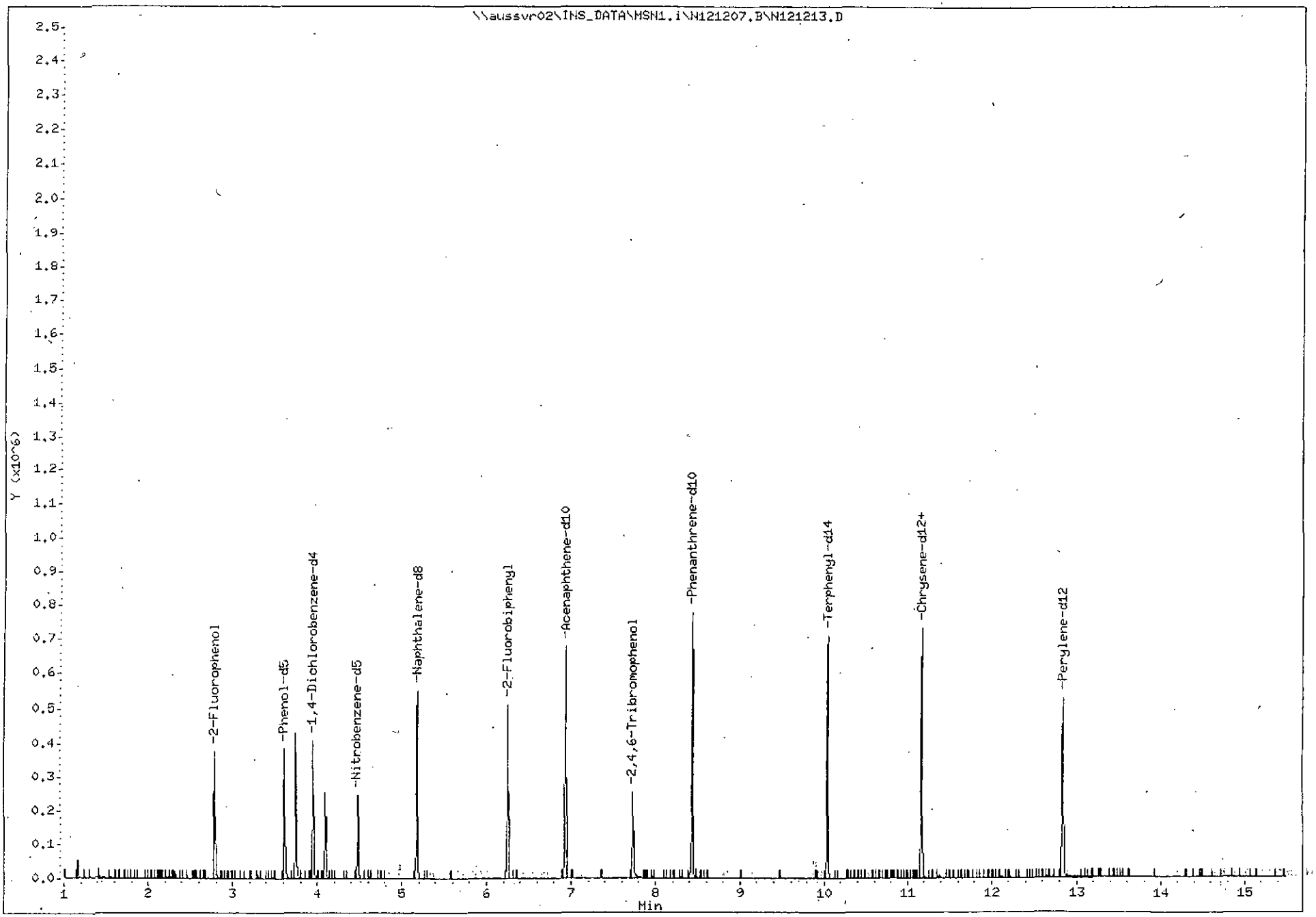
Data File: \\aussvr02\INS_DATA\MSN1.i\N121207.B\N121213.D

Date : 12-DEC-2007 12:51

Sample Info: KDP1R1AAB;I7L070000-534;1;0;;1;1000;;5000;



Data File: \\aussvr02\INS_DATA\MSN1.i\N121207.B\N121213.D

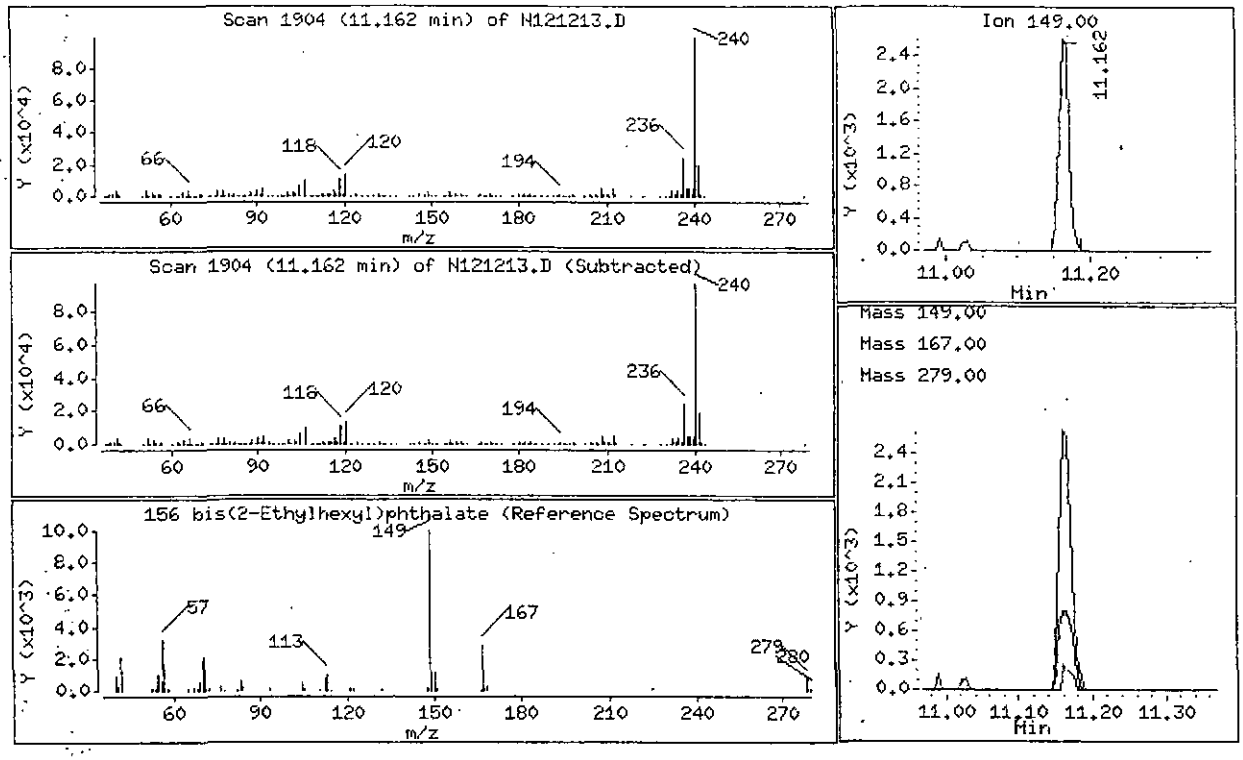
Page 3

Date : 12-DEC-2007 12:51

Sample Info: KDP1R1AAB;I7L070000-534;1;0;;1;1000;;5000;

156 bis(2-Ethylhexyl)phthalate

Concentration: 3.3079 ug/L



TestAmerica Austin

Method 8270C Semivolatiles

Data file : \\aussvr02\INS_DATA\MSN1.i\N121207.B\N121214.D
Lab Smp Id: KDP1R1ACC Client Smp ID: I7L070000-534
Inj Date : 12-DEC-2007 13:12
Operator : MALLOYM Inst ID: MSN1.i
Smp Info : KDP1R1ACC;I7L070000-534;1;0;;1;1000;;5000;
Misc Info : ;2-8270A.sub; IS-SMINTSTDW_00003 ;7341534
Comment : SOP NO. : AUS-MS-0005
Method : \\aussvr02\INS_DATA\MSN1.i\N121207.B\N1108BP.M
Meth Date : 13-Dec-2007 09:56 GirvicsJ Quant Type: ISTD
Cal Date : 04-DEC-2007 16:32 Cal File: N120410.D
Als bottle: 14
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 2-8270A.sub
Target Version: 4.14
Processing Host: AUSDJ7MV21

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vt	5000.000	Final volume of the extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/L)	REVIEW CODE
* 23 1,4-Dichlorobenzene-d4	152	3.953	3.951	(1.000)	49919	10.0000		Rev
* 50 Naphthalene-d8	136	5.182	5.185	(1.000)	209059	10.0000		Rev
* 91 Acenaphthene-d10	164	6.939	6.937	(1.000)	137121	10.0000		Rev
* 132 Phenanthrene-d10	188	8.440	8.443	(1.000)	271812	10.0000		Rev
* 160 Chrysene-d12	240	11.181	11.173	(1.000)	298565	10.0000		Rev
* 169 Perylene-d12	264	12.848	12.840	(1.000)	232191	10.0000		Rev
$ 12 2-Fluorophenol	112	2.788	2.787	(0.705)	69188	10.3207	51.604	Rev
$ 15 Phenol-d5	99	3.616	3.626	(0.915)	97122	10.7199	53.599	Rev
$ 114 2,4,6-Tribromophenol	330	7.741	7.744	(0.917)	24953	10.5842	52.921	Rev
$ 38 Nitrobenzene-d5	82	4.482	4.486	(0.865)	73119	7.94566	39.728	Rev
$ 75 2-Fluorobiphenyl	172	6.255	6.259	(0.901)	136004	7.44810	37.240	Rev
$ 147 Terphenyl-d14	244	10.043	10.047	(0.898)	191341	7.44785	37.239	Rev
5 Pyridine	79	1.661	1.665	(0.420)	48298	6.05574	30.279	Rev
4 N-Nitrosodimethylamine	74	1.624	1.633	(0.411)	29909	6.60230	33.012	Rev
18 Aniline	93	3.648	3.658	(0.923)	60872	4.62624	23.131	Rev
19 bis(2-Chloroethyl)ether	63	3.702	3.711	(0.936)	44561	6.41538	32.077	Rev
16 Phenol	94	3.632	3.636	(0.919)	71078	6.37022	31.851	Rev
21 2-Chlorophenol	128	3.766	3.770	(0.953)	51715	6.79988	33.999	Rev
22 1,3-Dichlorobenzene	146	3.900	3.898	(0.986)	53136	6.82461	34.123	Rev
24 1,4-Dichlorobenzene	146	3.969	3.967	(1.004)	54720	6.47619	32.381	Rev
27 1,2-Dichlorobenzene	146	4.113	4.112	(1.041)	52388	6.84722	34.236	Rev
25 Benzyl Alcohol	108	4.087	4.090	(1.034)	33177	6.38194	31.910	Rev

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Data File: \\aussvr02\INS_DATA\MSN1_i\N121207.B\N121214.D Page 2
Report Date: 13-Dec-2007 10:50

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/L)	REVIEW CODE
29 bis(2-Chloroisopropyl)ether	45	4.204	4.208	(1.064)	95586	6.38934	31.947	Rev
28 2-Methylphenol	108	4.193	4.192	(1.061)	47748	6.73880	33.694	Rev
33 N-Nitroso-di-n-propylamine	70	4.338	4.341	(1.097)	56783	8.28434	41.422(Q)	Rev
30 3-(and/or 4-)Methylphenol	108	4.338	4.347	(1.097)	56759	7.69727	38.486	Rev
37 Hexachloroethane	117	4.434	4.432	(1.122)	22932	6.81910	34.095	Rev
39 Nitrobenzene	77	4.503	4.507	(0.869)	74028	7.06184	35.309	Rev
41 Isophorone	82	4.733	4.737	(0.913)	106062	6.95322	34.766	Rev
43 2-Nitrophenol	139	4.808	4.812	(0.928)	29069	7.06946	35.347	Rev
42 2,4-Dimethyphenol	107	4.850	4.854	(0.936)	58812	6.49322	32.466	Rev
46 Bis(2-chloroethoxy)methane	93	4.936	4.940	(0.953)	65313	7.07100	35.355	Rev
47 2,4-Dichlorophenol	162	5.053	5.057	(0.975)	43516	7.42812	37.141	Rev
49 1,2,4-Trichlorobenzene	180	5.123	5.127	(0.989)	48357	7.30196	36.510	Rev
45 Benzoic Acid	122	4.963	4.999	(0.958)	13188	3.99661	19.983	Rev
51 Naphthalene	128	5.203	5.207	(1.004)	166017	6.95198	34.760	Rev
52 4-Chloroaniline	127	5.262	5.260	(1.015)	62900	7.23062	36.153	Rev
55 Hexachlorobutadiene	225	5.315	5.319	(1.026)	32980	7.68130	38.406	Rev
63 4-Chloro-3-Methylphenol	107	5.748	5.752	(1.109)	58121	7.41323	37.066	Rev
67 2-Methylnaphthalene	142	5.892	5.891	(1.137)	116210	7.68109	38.405	Rev
69 Hexachlorocyclopentadiene	237	6.042	6.040	(0.871)	3157	3.49571	17.478	Rev
72 2,4,6-Trichlorophenol	196	6.175	6.179	(0.890)	31663	6.89444	34.472	Rev
74 2,4,5-Trichlorphenol	196	6.223	6.227	(0.897)	33584	6.07683	30.384	Rev
78 2-Chloronaphthalene	127	6.378	6.382	(0.919)	52055	7.18325	35.916	Rev
80 2-Nitroaniline	65	6.485	6.489	(0.935)	48603	7.39269	36.963	Rev
83 Dimethylphthalate	163	6.667	6.676	(0.961)	136946	7.43304	37.165	Rev
85 2,6-Dinitrotoluene	165	6.731	6.740	(0.970)	29379	6.77409	33.870	Rev
86 Acenaphthylene	152	6.795	6.804	(0.979)	183101	7.01278	35.064	Rev
89 3-Nitroaniline	138	6.907	6.911	(0.995)	30299	7.24147	36.207	Rev
92 Acenaphthene	153	6.971	6.975	(1.005)	114472	6.94537	34.727	Rev
93 2,4-Dinitrophenol	184	7.014	7.018	(1.011)	8468	7.15787	35.789	Rev
97 Dibenzofuran	168	7.148	7.151	(1.030)	170806	7.39671	36.984	Rev
94 4-Nitrophenol	109	7.105	7.109	(1.024)	22140	6.31165	31.558(Q)	Rev
96 2,4-Dinitrotoluene	165	7.137	7.146	(1.028)	42296	6.89454	34.473	Rev
101 2,3,4,6-tetrachlorophenol	232	7.276	7.274	(1.048)	25848	6.08093	30.405	Rev
103 Diethylphthalate	149	7.372	7.381	(1.062)	149052	7.50447	37.522	Rev
105 4-Chlorophenyl-phenylether	204	7.489	7.488	(1.079)	77146	7.51713	37.586	Rev
107 Fluorene	166	7.489	7.493	(1.079)	143075	7.39354	36.968	Rev
109 4,6-Dinitro-2-methylphenol	198	7.554	7.563	(0.895)	22090	6.12546	30.627	Rev
108 4-Nitroaniline	138	7.527	7.536	(1.085)	31387	7.15628	35.781	Rev
110 N-Nitrosodiphenylamine/DPA	169	7.612	7.616	(1.097)	97444	5.99071	29.954	Rev
111 Azobenzene	77	7.650	7.654	(0.906)	184634	7.36331	36.816	Rev
122 4-Bromophenyl-phenylether	248	7.981	7.985	(0.946)	40951	7.40129	37.006	Rev
123 Hexachlorobenzene	284	8.045	8.049	(0.953)	40346	7.42997	37.150	Rev
127 Pentachlorophenol	266	8.253	8.252	(0.978)	11078	7.12977	35.649	Rev
133 Phenanthrene	178	8.467	8.466	(1.003)	205748	6.98242	34.912	Rev
134 Anthracene	178	8.515	8.519	(1.009)	195324	6.90534	34.527	Rev
135 Carbazole	167	8.681	8.685	(1.028)	189674	7.44624	37.231	Rev
137 Di-n-Butylphthalate	149	9.017	9.021	(1.068)	255830	6.64859	33.243	Rev
142 Fluoranthene	202	9.664	9.668	(1.145)	233489	7.52515	37.626	Rev
144 Benzidine	184	9.797	9.801	(0.876)	15848	1.73192	8.6596	Rev
145 Pyrene	202	9.899	9.897	(0.885)	236570	6.65703	33.285	Rev
152 Butylbenzylphthalate	149	10.540	10.544	(0.943)	113160	6.19839	30.992	Rev
158 3,3'-Dichlorobenzidine	252	11.133	11.137	(0.996)	82189	6.06960	30.348	Rev
159 Benzo(a)anthracene	228	11.165	11.169	(0.999)	259607	7.27909	36.395(H)	Rev
156 bis(2-Ethylhexyl)phthalate	149	11.165	11.169	(0.999)	197867	6.74852	33.742(H)	Rev

Data File: \\aussvr02\INS_DATA\MSN1.i\N121207.B\N121214.D Page 3
Report Date: 13-Dec-2007 10:50

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/L)	REVIEW CODE
161 Chrysene	228	11.208	11.211	(1.002)	200998	6.16570	30.828	Rev
162 Di-n-octylphthalate	149	11.918	11.922	(0.928)	269300	6.37294	31.865	Rev
166 Benzo(b)fluoranthene	252	12.399	12.403	(0.965)	208709	7.11036	35.552(H)	Rev
167 Benzo(k)fluoranthene	252	12.436	12.440	(0.968)	224392	6.92649	34.632	Rev
168 Benzo(a)pyrene	252	12.778	12.782	(0.995)	190302	6.98326	34.916(H)	Rev
173 Indeno(1,2,3-cd)pyrene	276	14.103	14.107	(1.098)	227339	7.39795	36.990	Rev
174 Dibenz(a,h)anthracene	278	14.114	14.128	(1.099)	176038	6.13435	30.672(H)	Rev
176 Benzo(g,h,i)perylene	276	14.456	14.470	(1.125)	176534	7.27040	36.352	Rev
9 N-Nitrosomethylethylamine	88	2.372	2.375	(0.600)	23003	6.63069	33.153	Rev
13 N-Nitrosodiethylamine	102	2.981	2.984	(0.754)	25764	6.82856	34.143	Rev
20 Pentachloroethane	117	3.691	3.689	(0.934)	17699	6.53385	32.669	Rev
34 Acetophenone	105	4.338	4.341	(1.097)	88327	7.27542	36.377(Q)	Rev
31 N-Nitrosopyrrolidine	100	4.327	4.330	(1.095)	28124	6.87465	34.373(Q)	Rev
40 N-Nitrosopiperidine	114	4.653	4.650	(0.898)	26999	7.29187	36.459	Rev
53 2,6-Dichlorophenol	162	5.267	5.270	(1.016)	45117	7.95581	39.779	Rev
54 Hexachloropropene	213	5.283	5.286	(1.020)	33087	5.75241	28.762	Rev
57 N-Nitroso-di-n-butylamine	84	5.588	5.591	(1.078)	49138	6.93526	34.676	Rev
70 1,2,4,5-Tetrachlorobenzene	216	6.058	6.055	(0.873)	53639	6.90589	34.529	Rev
95 Pentachlorobenzene	250	7.105	7.103	(1.024)	50405	7.25445	36.272	Rev
130 Dinoseb	211	8.430	8.433	(0.999)	34366	9.14337	45.717	Rev
2 1,4-Dioxane	88	1.362	1.365	(0.345)	17704	5.45737	27.287	Rev
1 2-Ethoxyethanol	59	1.362	1.365	(0.345)	24074	4.76445	23.822	Rev
77 Biphenyl	154	6.357	6.360	(0.916)	149428	6.88389	34.419	Rev
79 Diphenyl ether	170	6.464	6.461	(0.931)	81748	6.87012	34.351	Rev

QC Flag Legend

Q - Qualifier signal failed the ratio test.
H - Operator selected an alternate compound hit.

Data File: \\aussvr02\INS_DATA\MSN1.i\N121207.B\N121214.D

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Date : 12-DEC-2007 13:12

Client ID: I7L070000-534

Instrument: MSN1.i

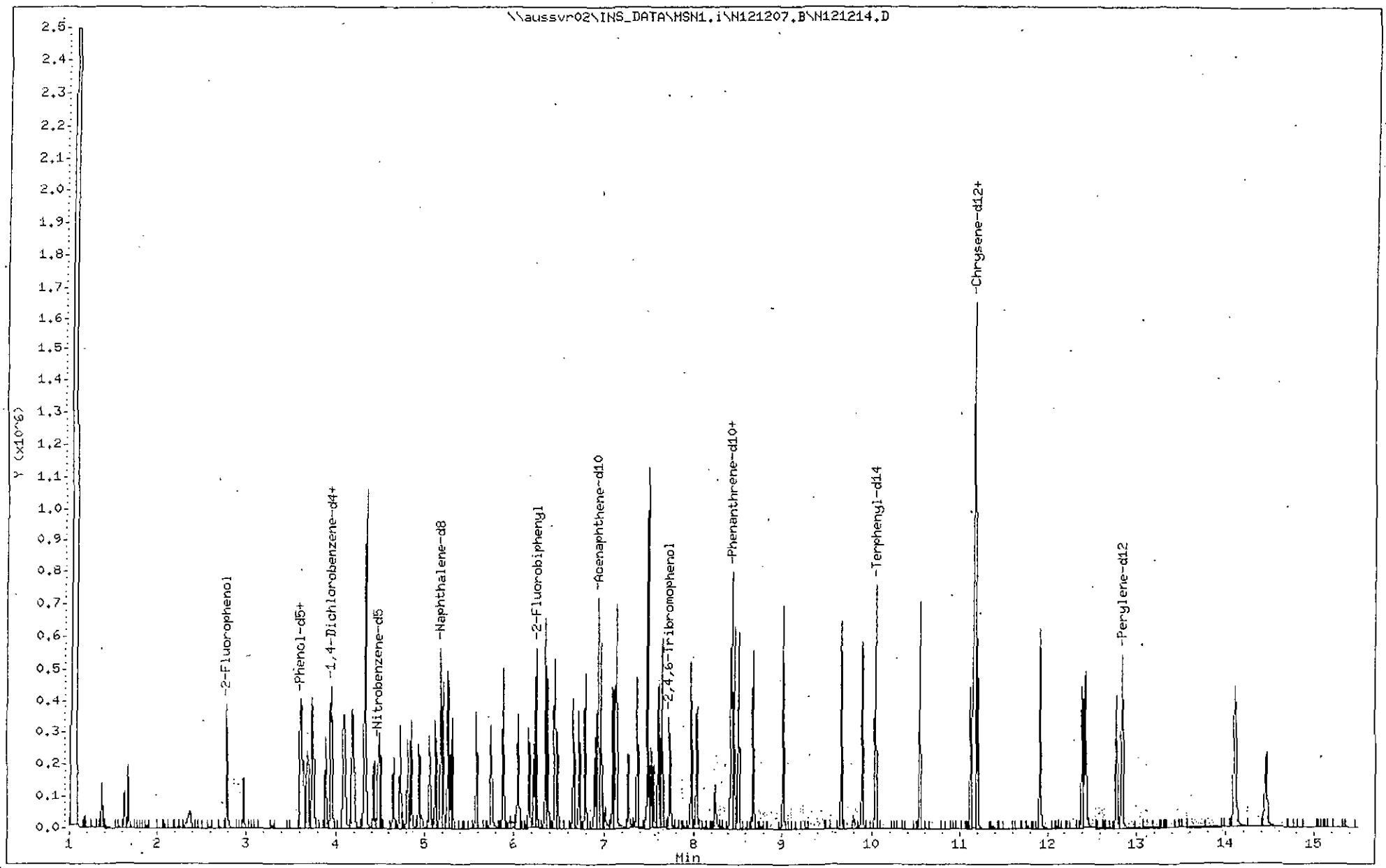
Sample Info: KDP1R1ACC;I7L070000-534;1;0;;1;1000;;5000;

Volume Injected (uL): 1.0

Operator: MALLOYM

Column phase: DB5.625

Column diameter: 0.18



Data File: \\aussvr02\INS_DATA\MSN1.i\N121207.B\N121215.D Page 1
Report Date: 13-Dec-2007 10:50

TestAmerica Austin

Method 8270C Semivolatiles

Data file : \\aussvr02\INS_DATA\MSN1.i\N121207.B\N121215.D
Lab Smp Id: KDHN61AA Client Smp ID: OUTFALL 001
Inj Date : 12-DEC-2007 13:33
Operator : MALLOYM Inst ID: MSN1.i
Smp Info : KDHN61AA;I7L050311-001;1;0;;1;900;;5000;
Misc Info : ;2-8270A.sub; IS-SMINTSTDW_00003 ;7341534
Comment : SOP NO. : AUS-MS-0005
Method : \\aussvr02\INS_DATA\MSN1.i\N121207.B\N1108BP.M
Meth Date : 13-Dec-2007 09:56 GirvicsJ Quant Type: ISTD
Cal Date : 04-DEC-2007 16:32 Cal File: N120410.D
Als bottle: 15
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 2-8270A.sub
Target Version: 4.14
Processing Host: AUSDJ7MV21

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vt	5000.000	Final volume of the extract (uL)
Vo	900.000	Volume of sample extracted (mL)
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/L)	REVIEW CODE
* 23 1,4-Dichlorobenzene-d4	152	3.950	3.951	(1.000)	51092	10.0000		Rev
* 50 Naphthalene-d8	136	5.184	5.185	(1.000)	210438	10.0000		Rev
* 91 Acenaphthene-d10	164	6.936	6.937	(1.000)	134690	10.0000		Rev
* 132 Phenanthrene-d10	188	8.437	8.443	(1.000)	266465	10.0000		Rev
* 160 Chrysene-d12	240	11.173	11.173	(1.000)	269888	10.0000		Rev
* 169 Perylene-d12	264	12.839	12.840	(1.000)	239975	10.0000		Rev
$ 12 2-Fluorophenol	112	2.785	2.787	(0.705)	64132	9.34688	51.927	Rev
$ 15 Phenol-d5	99	3.614	3.626	(0.915)	89945	9.69980	53.888	Rev
$ 114 2,4,6-Tribromophenol	330	7.738	7.744	(0.917)	23139	10.0580	55.878	Rev
$ 38 Nitrobenzene-d5	82	4.479	4.486	(0.864)	73399	7.92382	44.021	Rev
$ 75 2-Fluorobiphenyl	172	6.258	6.259	(0.902)	124536	6.94317	38.573	Rev
$ 147 Terphenyl-d14	244	10.040	10.047	(0.899)	181595	7.81955	43.442	Rev
5 Pyridine	79	1.685	1.665	(0.427)	839	0.10278	0.57100(a)	Rev
156 bis(2-Ethylhexyl)phthalate	149	11.162	11.169	(0.999)	2877	0.66510	3.6950	Rev
35 N-Nitrosomorpholine	56	4.351	4.362	(1.101)	1009	0.14313	0.79517(a)	Rev
6 N,N-Dimethylformamide	73	2.000	1.963	(0.506)	517	0.09708	0.53933(a)	Rev

DEC 14 2007

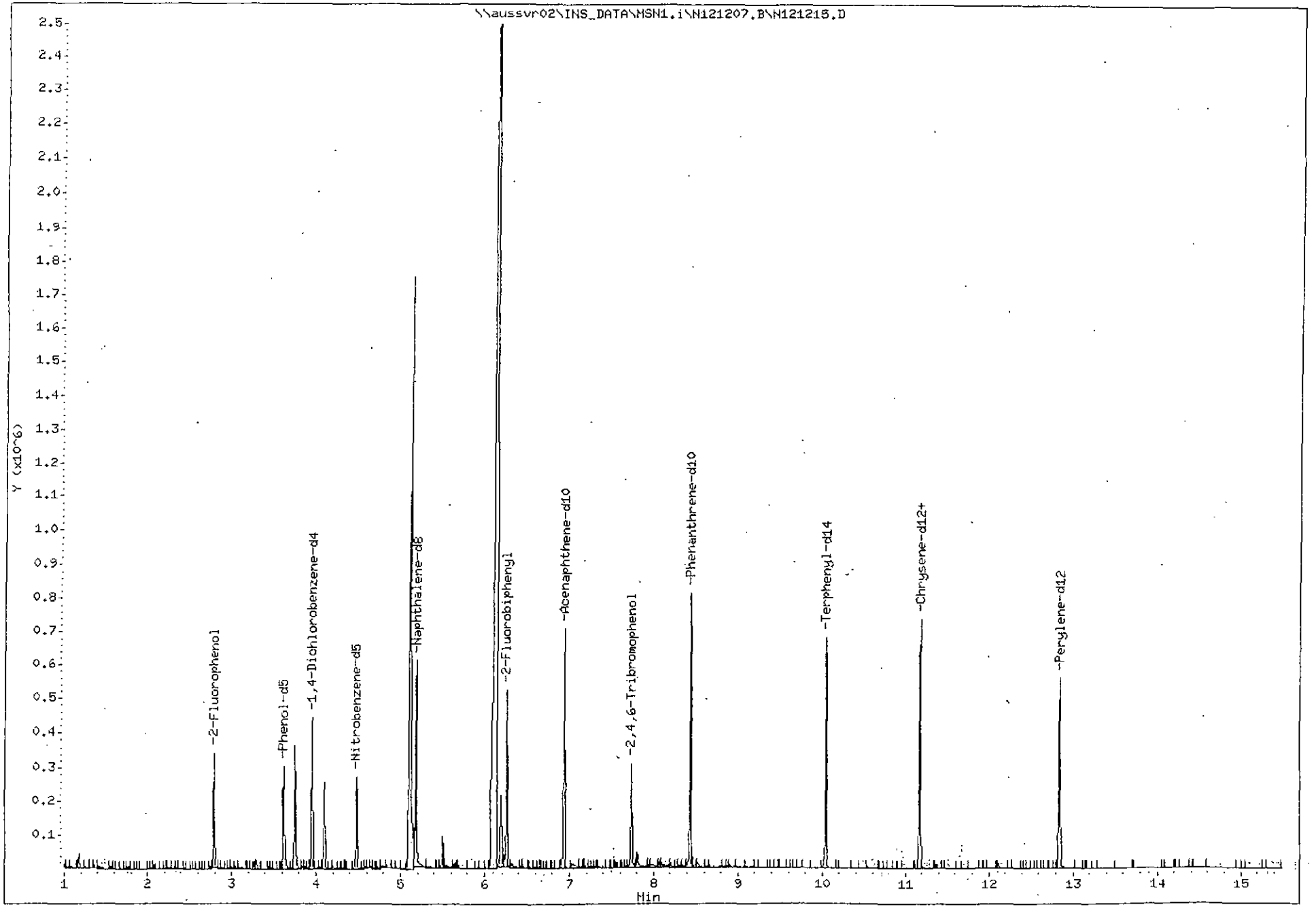
QC Flag Legend

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

DEC 13 2007

Data File: \\aussvr02\INS_DATA\MSN1.i\N121207.B\N121215.D
Date : 12-DEC-2007 13:33

Sample Info: KDHN61AA;I7L050311-001;1;0;;1;900;;5000;



Data File: \\aussvr02\INS_DATA\MSN1.i\N121207.B\N121215.D

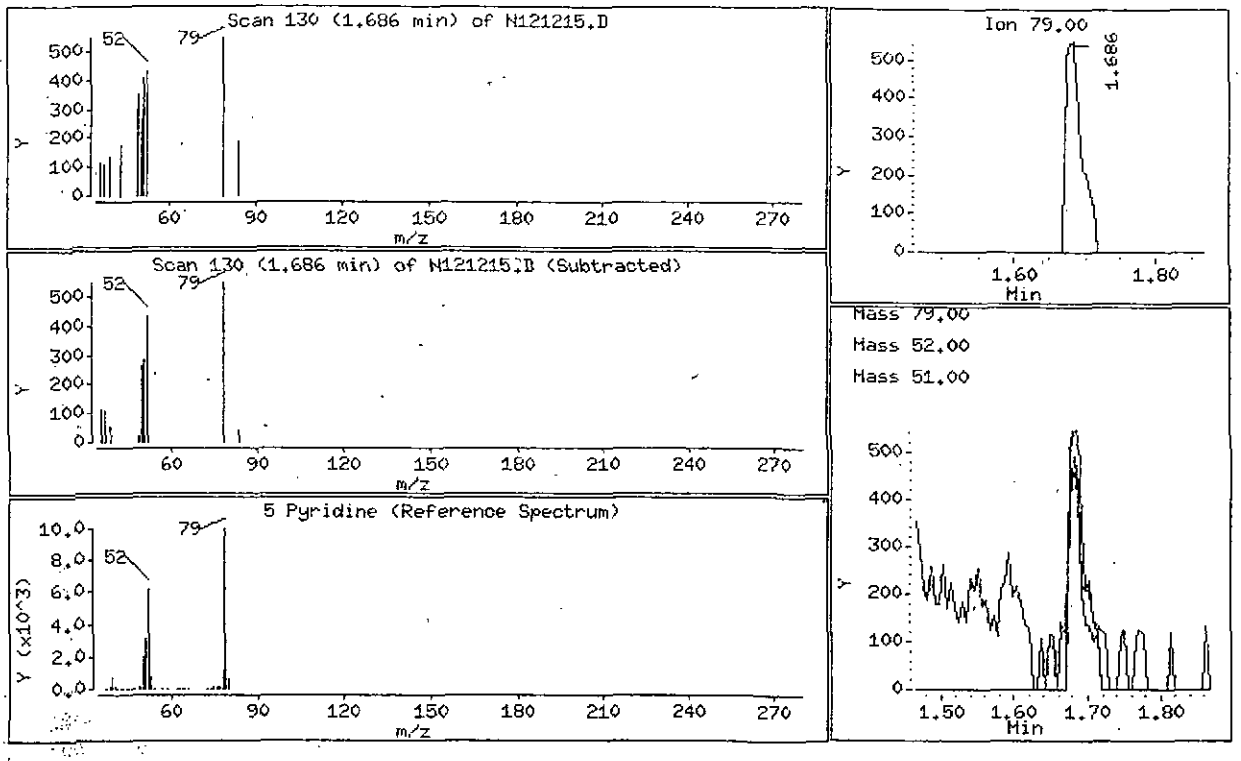
Page 3

Date : 12-DEC-2007 13:33

Sample Info: KDHN61AA;I7L050311-001;1;0;;1;900;;5000;

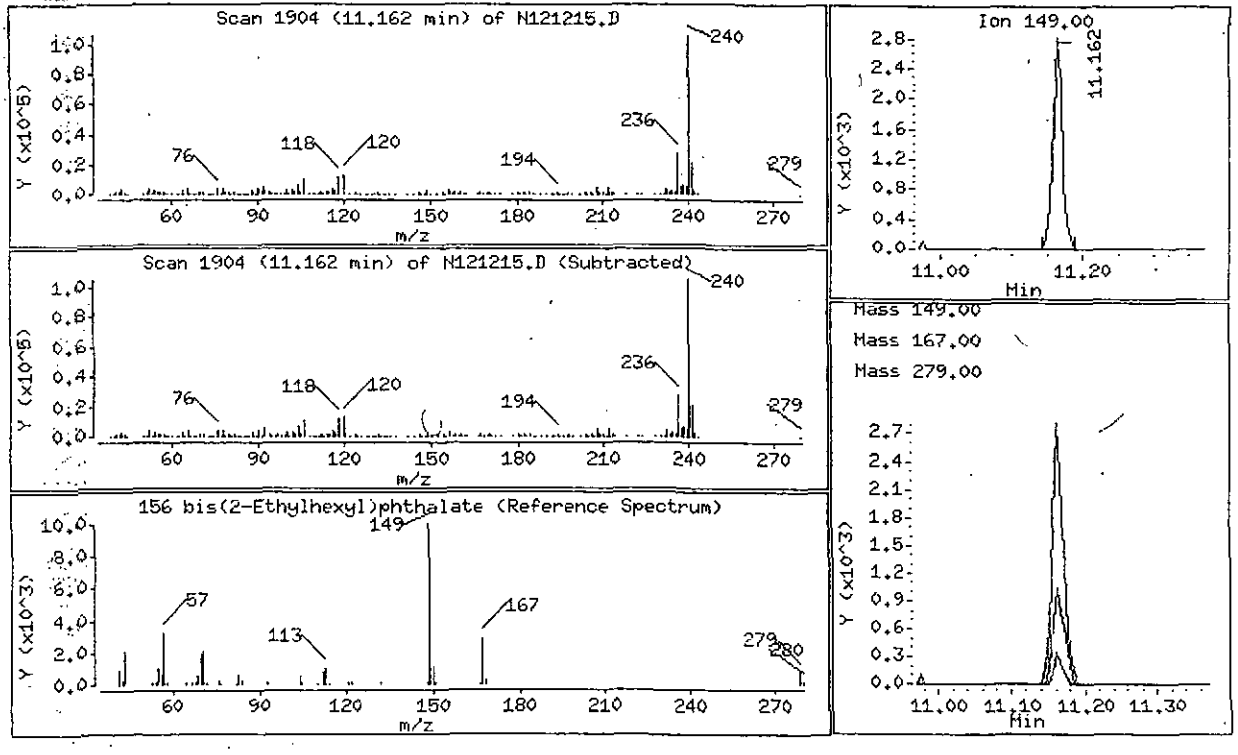
5 Pyridine

Concentration: 0.57100 ug/L



156 bis(2-Ethylhexyl)phthalate

Concentration: 3.6950 ug/L



Data File: \\aussvr02\INS_DATA\MSN1.i\N121207.B\N121215.D

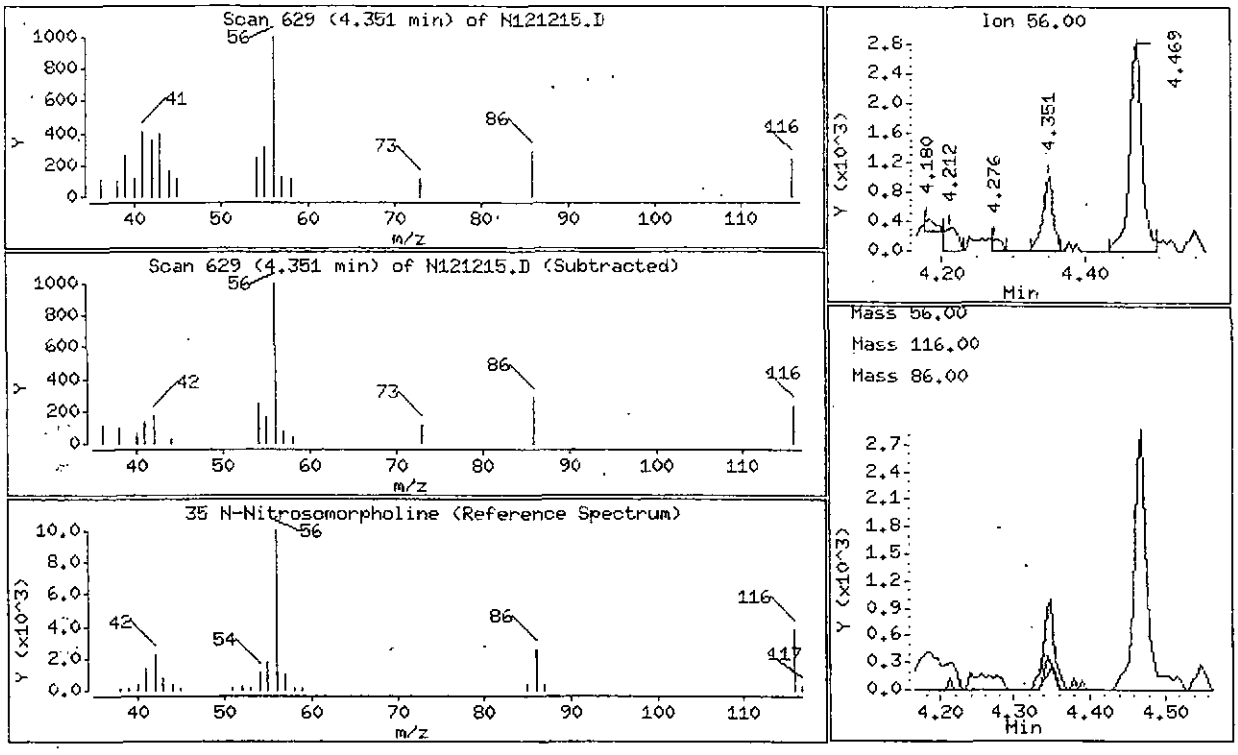
Page 4

Date : 12-DEC-2007 13:33

Sample Info: KDHN61AA;I7L050311-001;1;0;;1;900;;5000;

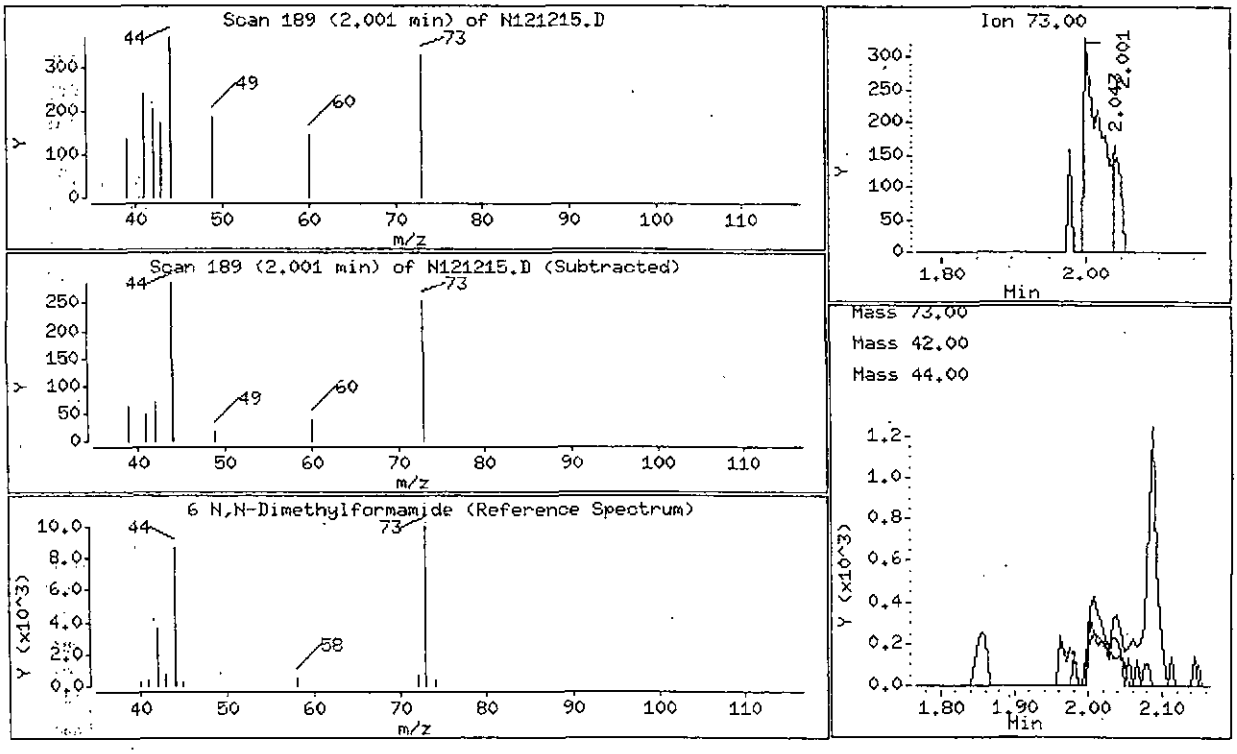
35 N-Nitrosomorpholine

Concentration: 0.79517 ug/L



6 N,N-Dimethylformamide

Concentration: 0.53933 ug/L



TestAmerica Austin

Method 8270C Semivolatiles

Data file : \\aussvr02\INS_DATA\MSN1.i\N121207.B\N121216.D
Lab Smp Id: KDHN61AFS Client Smp ID: I7L050311-001
Inj Date : 12-DEC-2007 13:53
Operator : MALLOYM Inst ID: MSN1.i
Smp Info : KDHN61AFS;I7L050311-001;1;0;;1;925;;5000;
Misc Info : ;2-8270A.sub; IS-SMINTSTDW_00003 ;7341534
Comment : SOP NO. : AUS-MS-0005
Method : \\aussvr02\INS_DATA\MSN1.i\N121207.B\N1108BP.M
Meth Date : 13-Dec-2007 09:56 GirvicsJ Quant Type: ISTD
Cal Date : 04-DEC-2007 16:32 Cal File: N120410.D
Als bottle: 16
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 2-8270A.sub
Target Version: 4.14
Processing Host: AUSDJ7MV21

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vt	5000.000	Final volume of the extract (uL)
Vo	925.000	Volume of sample extracted (mL)
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/L)	REVIEW CODE
* 23 1,4-Dichlorobenzene-d4	152	3.950	3.951	(1.000)	50157	10.0000		Rev
* 50 Naphthalene-d8	136	5.184	5.185	(1.000)	208889	10.0000		Rev
* 91 Acenaphthene-d10	164	6.942	6.937	(1.000)	132411	10.0000		Rev
* 132 Phenanthrene-d10	188	8.443	8.443	(1.000)	267902	10.0000		Rev
* 160 Chrysene-d12	240	11.178	11.173	(1.000)	280779	10.0000		Rev
* 169 Perylene-d12	264	12.845	12.840	(1.000)	217299	10.0000		Rev
$ 12 2-Fluorophenol	112	2.791	2.787	(0.707)	73666	10.9365	59.116	Rev
$ 15 Phenol-d5	99	3.624	3.626	(0.918)	97962	10.7613	58.169	Rev
$ 114 2,4,6-Tribromophenol	330	7.737	7.744	(0.916)	25083	10.7776	58.258	Rev
$ 38 Nitrobenzene-d5	82	4.484	4.486	(0.865)	76354	8.30396	44.886	Rev
$ 75 2-Fluorobiphenyl	172	6.258	6.259	(0.902)	136503	7.74134	41.845	Rev
$ 147 Terphenyl-d14	244	10.045	10.047	(0.899)	185959	7.69687	41.605	Rev
5 Pyridine	79	1.658	1.665	(0.420)	51548	6.43256	34.771	Rev
4 N-Nitrosodimethylamine	74	1.621	1.633	(0.410)	31452	6.90997	37.351	Rev
18 Aniline	93	3.651	3.658	(0.924)	16864	1.27557	6.8950(Q)	Rev
19 bis(2-Chloroethyl)ether	63	3.704	3.711	(0.938)	46651	6.68441	36.132	Rev
16 Phenol	94	3.635	3.636	(0.920)	82169	7.32928	39.618	Rev
21 2-Chlorophenol	128	3.763	3.770	(0.953)	52731	6.90057	37.300	Rev
22 1,3-Dichlorobenzene	146	3.896	3.898	(0.986)	55661	7.11499	38.459	Rev
24 1,4-Dichlorobenzene	146	3.966	3.967	(1.004)	58052	6.83794	36.962	Rev
27 1,2-Dichlorobenzene	146	4.110	4.112	(1.041)	55084	7.16543	38.732	Rev
25 Benzyl Alcohol	108	4.089	4.090	(1.035)	33488	6.41120	34.655	Rev

DEC 13 2007

Data File: \\aussvr02\INS_DATA\MSN1.i\N121207.B\N121216.D Page 2
Report Date: 13-Dec-2007 10:50

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/L)	REVIEW CODE
29 bis(2-Chloroisopropyl)ether	45	4.206	4.208	(1.065)	101787	6.77156	36.603	Rev
28 2-Methylphenol	108	4.196	4.192	(1.062)	49572	6.96303	37.638	Rev
33 N-Nitroso-di-n-propylamine	70	4.335	4.341	(1.097)	56319	8.17766	44.204(Q)	Rev
30 3-(and/or 4-)Methylphenol	108	4.345	4.347	(1.100)	51908	7.00601	37.870	Rev
37 Hexachloroethane	117	4.431	4.432	(1.122)	24162	7.15076	38.653	Rev
39 Nitrobenzene	77	4.506	4.507	(0.869)	104485	9.97537	53.921	Rev
41 Isophorone	82	4.735	4.737	(0.913)	106410	6.98172	37.739	Rev
43 2-Nitrophenol	139	4.810	4.812	(0.928)	32970	8.02470	43.377	Rev
42 2,4-Dimethyphenol	107	4.858	4.854	(0.937)	28601	3.16030	17.083	Rev
46 Bis(2-chloroethoxy)methane	93	4.938	4.940	(0.953)	66250	7.17828	38.802	Rev
47 2,4-Dichlorophenol	162	5.061	5.057	(0.976)	42987	7.34379	39.696	Rev
49 1,2,4-Trichlorobenzene	180	5.125	5.127	(0.989)	59559	9.00079	48.653	Rev
45 Benzoic Acid	122	5.008	4.999	(0.966)	22555	6.34996	34.324	Rev
51 Naphthalene	128	5.205	5.207	(1.004)	166704	6.98643	37.764	Rev
52 4-Chloroaniline	127	5.264	5.260	(1.015)	8556	0.98435	5.3208	Rev
55 Hexachlorobutadiene	225	5.318	5.319	(1.026)	31874	7.42975	40.161	Rev
63 4-Chloro-3-Methylphenol	107	5.772	5.752	(1.113)	55479	7.08201	38.281	Rev
67 2-Methylnaphthalene	142	5.889	5.891	(1.136)	113773	7.52613	40.682	Rev
69 Hexachlorocyclopentadiene	237	6.044	6.040	(0.871)	5477	3.99866	21.614	Rev
72 2,4,6-Trichlorophenol	196	6.188	6.179	(0.891)	33160	7.47724	40.418	Rev
74 2,4,5-Trichlorphenol	196	6.252	6.227	(0.901)	34235	6.38594	34.519	Rev
78 2-Chloronaphthalene	127	6.381	6.382	(0.919)	49434	7.06422	38.185	Rev
80 2-Nitroaniline	65	6.493	6.489	(0.935)	21115	3.32591	17.978	Rev
83 Dimethylphthalate	163	6.664	6.676	(0.960)	129896	7.30118	39.466	Rev
85 2,6-Dinitrotoluene	165	6.733	6.740	(0.970)	27636	6.59886	35.670	Rev
86 Acenaphthylene	152	6.797	6.804	(0.979)	168394	6.67892	36.102	Rev
89 3-Nitroaniline	138	6.904	6.911	(0.995)	7144	1.76815	9.5576	Rev
92 Acenaphthene	153	6.974	6.975	(1.005)	103814	6.52277	35.258	Rev
93 2,4-Dinitrophenol	184	7.016	7.018	(1.011)	12852	8.78499	47.486	Rev
97 Dibenzofuran	168	7.145	7.151	(1.029)	166052	7.44663	40.252	Rev
94 4-Nitrophenol	109	7.112	7.109	(1.025)	25225	7.32082	39.572	Rev
96 2,4-Dinitrotoluene	165	7.139	7.146	(1.028)	40197	6.78546	36.678(Q)	Rev
101 2,3,4,6-tetrachlorophenol	232	7.278	7.274	(1.048)	26070	6.30758	34.095	Rev
103 Diethylphthalate	149	7.374	7.381	(1.062)	135681	7.07426	38.239	Rev
105 4-Chlorophenyl-phenylether	204	7.486	7.488	(1.078)	69638	7.02692	37.983	Rev
107 Fluorene	166	7.492	7.493	(1.079)	132990	7.11684	38.469	Rev
109 4,6-Dinitro-2-methylphenol	198	7.551	7.563	(0.894)	21377	6.03161	32.603	Rev
108 4-Nitroaniline	138	7.518	7.536	(1.083)	7009	1.65491	8.9454(H)	Rev
110 N-Nitrosodiphenylamine/DPA	169	7.609	7.616	(1.096)	85682	5.45498	29.486	Rev
111 Azobenzene	77	7.647	7.654	(0.906)	170687	6.90645	37.332	Rev
122 4-Bromophenyl-phenylether	248	7.983	7.985	(0.946)	36210	6.63994	35.892	Rev
123 Hexachlorobenzene	284	8.042	8.049	(0.953)	34980	6.53581	35.329	Rev
127 Pentachlorophenol	266	8.256	8.252	(0.978)	13353	7.92059	42.814	Rev
133 Phenanthrene	178	8.464	8.466	(1.003)	180243	6.20614	33.547	Rev
134 Anthracene	178	8.517	8.519	(1.009)	164739	5.90906	31.941(H)	Rev
135 Carbazole	167	8.683	8.685	(1.028)	178020	7.09073	38.328	Rev
137 Di-n-Butylphthalate	149	9.020	9.021	(1.068)	221657	5.93136	32.061	Rev
142 Fluoranthene	202	9.666	9.668	(1.145)	197481	6.45753	34.906	Rev
145 Pyrene	202	9.896	9.897	(0.885)	197171	5.89981	31.891	Rev
152 Butylbenzylphthalate	149	10.542	10.544	(0.943)	99342	5.81015	31.406	Rev
158 3,3'-Dichlorobenzidine	252	11.135	11.137	(0.996)	824	0.23693	1.2807(QH)	Rev
159 Benzo(a)anthracene	228	11.167	11.169	(0.999)	205059	6.11384	33.048(H)	Rev
156 bis(2-Ethylhexyl)phthalate	149	11.167	11.169	(0.999)	159502	5.86542	31.705(H)	Rev
161 Chrysene	228	11.205	11.211	(1.002)	162486	5.30006	28.649	Rev

Data File: \\aussvr02\INS_DATA\MSN1.i\N121207.B\N121216.D Page 3
Report Date: 13-Dec-2007 10:50

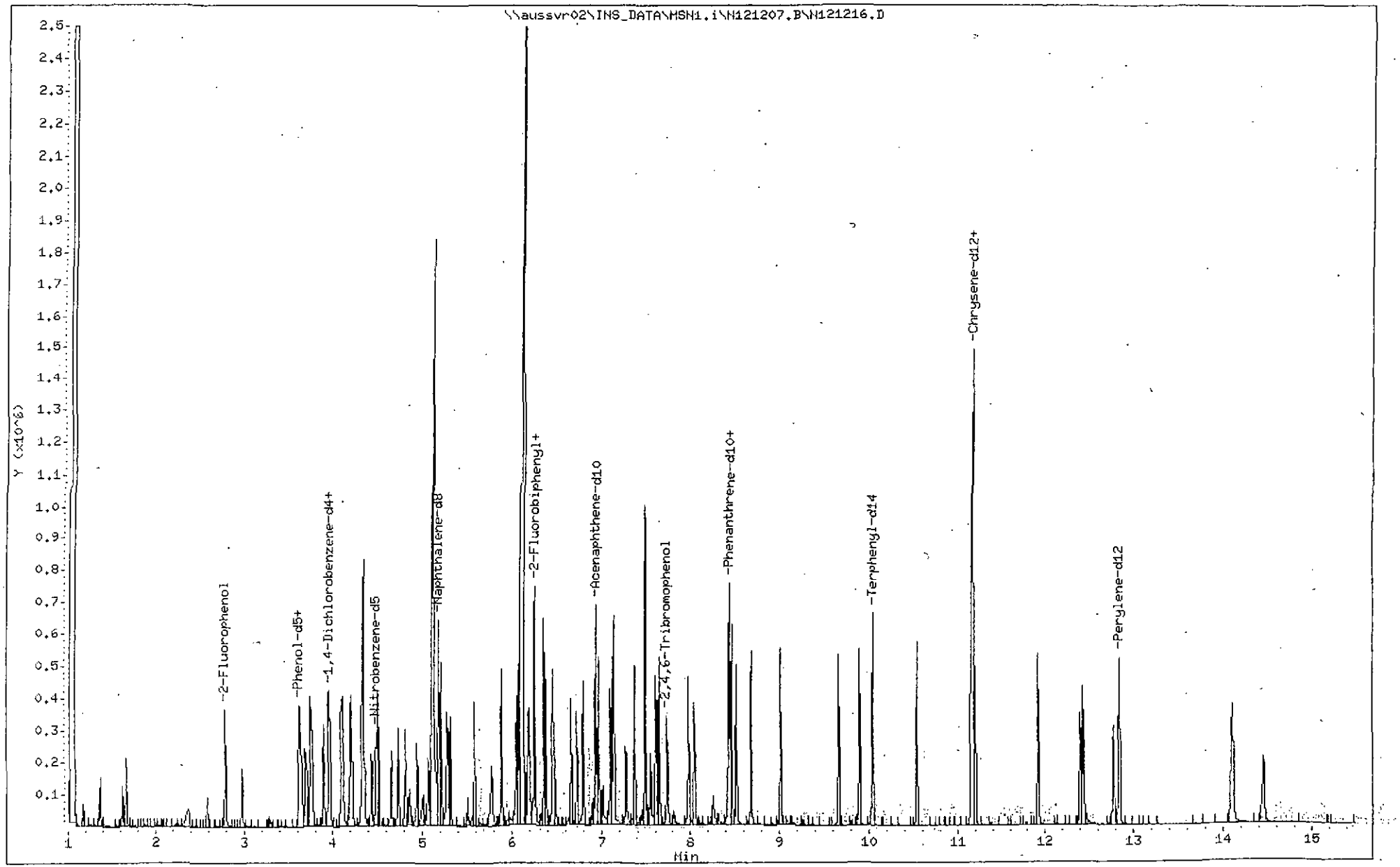
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/L)	REVIEW CODE
162	Di-n-octylphthalate	149	11.920	11.922	(0.928)	221912	5.68564	30.733	Rev
166	Benzo(b)fluoranthene	252	12.401	12.403	(0.965)	177217	6.45125	34.872(H)	Rev
167	Benzo(k)fluoranthene	252	12.433	12.440	(0.968)	175673	5.79426	31.320(H)	Rev
168	Benzo(a)pyrene	252	12.775	12.782	(0.995)	138793	5.44214	29.417(H)	Rev
173	Indeno(1,2,3-cd)pyrene	276	14.100	14.107	(1.098)	178936	6.22190	33.632	Rev
174	Dibenz(a,h)anthracene	278	14.116	14.128	(1.099)	138527	5.23317	28.287	Rev
176	Benzo(g,h,i)perylene	276	14.453	14.470	(1.125)	143010	6.29338	34.018	Rev
9	N-Nitrosomethylethylamine	88	2.374	2.375	(0.601)	24426	7.00747	37.878	Rev
13	N-Nitrosodiethylamine	102	2.978	2.984	(0.754)	27226	7.18181	38.821	Rev
20	Pentachloroethane	117	3.688	3.689	(0.934)	18252	6.70603	36.249	Rev
34	Acetophenone	105	4.340	4.341	(1.099)	89170	7.31001	39.514	Rev
31	N-Nitrosopyrrolidine	100	4.329	4.330	(1.096)	30173	7.31188	39.524(Q)	Rev
40	N-Nitrosopiperidine	114	4.650	4.650	(0.897)	27087	7.32159	39.576	Rev
53	2,6-Dichlorophenol	162	5.275	5.270	(1.018)	42633	7.52391	40.670	Rev
54	Hexachloropropene	213	5.285	5.286	(1.020)	29481	5.19331	28.072	Rev
57	N-Nitroso-di-n-butylamine	84	5.585	5.591	(1.077)	47986	6.77818	36.639	Rev
70	1,2,4,5-Tetrachlorobenzene	216	6.055	6.055	(0.872)	52281	6.97048	37.678	Rev
95	Pentachlorobenzene	250	7.102	7.103	(1.023)	45527	6.78547	36.678	Rev
130	Dinoseb	211	8.427	8.433	(0.998)	34885	9.36040	50.597	Rev
2	1,4-Dioxane	88	1.359	1.365	(0.344)	18881	5.79257	31.311	Rev
1	2-Ethoxyethanol	59	1.359	1.365	(0.344)	25471	5.01701	27.119	Rev
77	Biphenyl	154	6.359	6.360	(0.916)	143922	6.86608	37.114	Rev
79	Diphenyl ether	170	6.466	6.461	(0.931)	77823	6.77291	36.610	Rev

QC Flag Legend

Q - Qualifier signal failed the ratio test.
H - Operator selected an alternate compound hit.

Data File: \\aussvr02\INS_DATA\MSN1.i\N121207.B\N121216.D
Date : 12-DEC-2007 13:53
Client ID: I7L050311-001
Sample Info: KDHN61AFS;I7L050311-001;1;0;;1;925;;5000;
Volume Injected (uL): 1.0
Column phase: DB5.625

Instrument: MSN1.i
Operator: HALLOYM
Column diameter: 0.18



Data File: \\aussvr02\INS_DATA\MSN1.i\N121207.B\N121217.D Page 1
Report Date: 15-Dec-2007 14:22

TestAmerica Laboratories, Inc.

Method 8270C Semivolatiles

Data file : \\aussvr02\INS_DATA\MSN1.i\N121207.B\N121217.D
Lab Smp Id: KDHN61AGD Client Smp ID: I7L050311-001
Inj Date : 12-DEC-2007 14:14
Operator : MALLOYM Inst ID: MSN1.i
Smp Info : KDHN61AGD;I7L050311-001;1;0;;1;1000;;5000;
Misc Info : ;2-8270A.sub; IS-SMINTSTDW_00003 ;7341534
Comment : SOP NO. : AUS-MS-0005
Method : \\aussvr02\INS_DATA\MSN1.i\N121207.B\N1108BP.M
Meth Date : 13-Dec-2007 09:56 GirvicsJ Quant Type: ISTD
Cal Date : 04-DEC-2007 16:32 Cal File: N120410.D
Als bottle: 17
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 2-8270A.sub
Target Version: 4.14
Processing Host: AUS4K7MV21

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vt	5000.000	Final volume of the extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/L)	REVIEW CODE
* 23 1,4-Dichlorobenzene-d4	152	3.949	3.951	(1.000)	50571	10.0000		Rev
* 50 Naphthalene-d8	136	5.183	5.185	(1.000)	205002	10.0000		Rev
* 91 Acenaphthene-d10	164	6.941	6.937	(1.000)	128516	10.0000		Rev
* 132 Phenanthrene-d10	188	8.442	8.443	(1.000)	247351	10.0000		Rev
* 160 Chrysene-d12	240	11.177	11.173	(1.000)	267117	10.0000		Rev
* 169 Perylene-d12	264	12.844	12.840	(1.000)	209730	10.0000		Rev
$ 12 2-Fluorophenol	112	2.790	2.787	(0.706)	73925	10.8851	54.426	Rev
$ 15 Phenol-d5	99	3.623	3.626	(0.917)	104221	11.3551	56.776	Rev
$ 114 2,4,6-Tribromophenol	330	7.737	7.744	(0.916)	25229	11.6646	58.323	Rev
$ 38 Nitrobenzene-d5	82	4.483	4.486	(0.865)	78327	8.68005	43.400	Rev
$ 75 2-Fluorobiphenyl	172	6.257	6.259	(0.901)	138923	8.11736	40.587	Rev
$ 147 Terphenyl-d14	244	10.044	10.047	(0.899)	181336	7.88940	39.447	Rev
5 Pyridine	79	1.657	1.665	(0.420)	49888	6.17445	30.872	Rev
4 N-Nitrosodimethylamine	74	1.620	1.633	(0.410)	30498	6.64552	33.228	Rev
18 Aniline	93	3.650	3.658	(0.924)	14343	1.07601	5.3800(Q)	Rev
19 bis(2-Chloroethyl)ether	63	3.703	3.711	(0.938)	46580	6.61959	33.098	Rev
16 Phenol	94	3.634	3.636	(0.920)	91888	8.12910	40.645	Rev
21 2-Chlorophenol	128	3.762	3.770	(0.953)	54729	7.10341	35.517	Rev
22 1,3-Dichlorobenzene	146	3.896	3.898	(0.986)	54942	6.96559	34.828	Rev
24 1,4-Dichlorobenzene	146	3.965	3.967	(1.004)	57981	6.77367	33.868	Rev
27 1,2-Dichlorobenzene	146	4.109	4.112	(1.041)	54659	7.05194	35.260	Rev
25 Benzyl Alcohol	108	4.088	4.090	(1.035)	33653	6.39005	31.950	Rev

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Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/L)	REVIEW CODE
29 bis(2-Chloroisopropyl)ether	45	4.206	4.208	(1.065)	101899	6.72351	33.618	Rev
28 2-Methylphenol	108	4.195	4.192	(1.062)	50914	7.09299	35.465	Rev
33 N-Nitroso-di-n-propylamine	70	4.334	4.341	(1.097)	57967	8.34805	41.740(Q)	Rev
30 3-(and/or 4-)Methylphenol	108	4.344	4.347	(1.100)	53518	7.16418	35.821	Rev
37 Hexachloroethane	117	4.430	4.432	(1.122)	23421	6.87472	34.374	Rev
39 Nitrobenzene	77	4.505	4.507	(0.869)	104631	10.1787	50.894	Rev
41 Isophorone	82	4.734	4.737	(0.913)	107333	7.17580	35.879	Rev
43 2-Nitrophenol	139	4.809	4.812	(0.928)	32928	8.16643	40.832	Rev
42 2,4-Dimethyphenol	107	4.857	4.854	(0.937)	24906	2.80420	14.021	Rev
46 Bis(2-chloroethoxy)methane	93	4.937	4.940	(0.953)	67478	7.44996	37.250	Rev
47 2,4-Dichlorophenol	162	5.060	5.057	(0.976)	44356	7.72135	38.607	Rev
49 1,2,4-Trichlorobenzene	180	5.124	5.127	(0.989)	59509	9.16376	45.819	Rev
45 Benzoic Acid	122	5.007	4.999	(0.966)	25131	7.11598	35.580	Rev
51 Naphthalene	128	5.204	5.207	(1.004)	167423	7.14960	35.748	Rev
52 4-Chloroaniline	127	5.269	5.260	(1.016)	13228	1.55071	7.7535	Rev
55 Hexachlorobutadiene	225	5.317	5.319	(1.026)	30221	7.17800	35.890	Rev
63 4-Chloro-3-Methylphenol	107	5.771	5.752	(1.113)	57681	7.50271	37.514	Rev
67 2-Methylnaphthalene	142	5.894	5.891	(1.137)	113515	7.65144	38.257	Rev
69 Hexachlorocyclopentadiene	237	6.043	6.040	(0.871)	4969	3.92464	19.623	Rev
72 2,4,6-Trichlorophenol	196	6.187	6.179	(0.891)	37926	8.81111	44.056	Rev
74 2,4,5-Trichlorphenol	196	6.252	6.227	(0.901)	33958	6.51478	32.574	Rev
78 2-Chloronaphthalene	127	6.385	6.382	(0.920)	44906	6.61164	33.058	Rev
80 2-Nitroaniline	65	6.492	6.489	(0.935)	22568	3.66252	18.312	Rev
83 Dimethylphthalate	163	6.668	6.676	(0.961)	123975	7.17957	35.898	Rev
85 2,6-Dinitrotoluene	165	6.732	6.740	(0.970)	28015	6.89209	34.460	Rev
86 Acenaphthylene	152	6.796	6.804	(0.979)	168276	6.87651	34.382	Rev
89 3-Nitroaniline	138	6.903	6.911	(0.995)	7848	2.00126	10.006	Rev
92 Acenaphthene	153	6.973	6.975	(1.005)	103572	6.70479	33.524	Rev
93 2,4-Dinitrophenol	184	7.015	7.018	(1.011)	13203	9.04644	45.232	Rev
97 Dibenzofuran	168	7.149	7.151	(1.030)	163113	7.53652	37.682	Rev
94 4-Nitrophenol	109	7.112	7.109	(1.025)	28699	8.46077	42.304	Rev
96 2,4-Dinitrotoluene	165	7.138	7.146	(1.028)	40825	7.10034	35.502	Rev
101 2,3,4,6-tetrachlorophenol	232	7.277	7.274	(1.048)	26794	6.62126	33.106	Rev
103 Diethylphthalate	149	7.373	7.381	(1.062)	134150	7.20642	36.032	Rev
105 4-Chlorophenyl-phenylether	204	7.486	7.488	(1.079)	64035	6.65737	33.287	Rev
107 Fluorene	166	7.491	7.493	(1.079)	123712	6.82098	34.105	Rev
109 4,6-Dinitro-2-methylphenol	198	7.550	7.563	(0.894)	21981	6.60870	33.044	Rev
108 4-Nitroaniline	138	7.523	7.536	(1.084)	9302	2.26288	11.314	Rev
110 N-Nitrosodiphenylamine/DPA	169	7.608	7.616	(1.096)	85732	5.62358	28.118	Rev
111 Azobenzene	77	7.651	7.654	(0.906)	161137	7.06174	35.309	Rev
122 4-Bromophenyl-phenylether	248	7.982	7.985	(0.946)	33085	6.57096	32.855	Rev
123 Hexachlorobenzene	284	8.041	8.049	(0.953)	30513	6.17485	30.874	Rev
127 Pentachlorophenol	266	8.255	8.252	(0.978)	11867	7.75815	38.791	Rev
133 Phenanthrene	178	8.463	8.466	(1.003)	175046	6.52796	32.640	Rev
134 Anthracene	178	8.517	8.519	(1.009)	149518	5.80869	29.043(H)	Rev
135 Carbazole	167	8.682	8.685	(1.028)	173663	7.49189	37.459	Rev
137 Di-n-Butylphthalate	149	9.019	9.021	(1.068)	207488	6.00357	30.018	Rev
142 Fluoranthene	202	9.665	9.668	(1.145)	177088	6.27181	31.359	Rev
145 Pyrene	202	9.895	9.897	(0.885)	178399	5.61113	28.056	Rev
152 Butylbenzylphthalate	149	10.541	10.544	(0.943)	89808	5.53910	27.696	Rev
158 3,3'-Dichlorobenzidine	252	11.129	11.137	(0.996)	904	0.24656	1.2328(H)	Rev
159 Benzo(a)anthracene	228	11.166	11.169	(0.999)	193690	6.07023	30.351(H)	Rev
156 bis(2-Ethylhexyl)phthalate	149	11.166	11.169	(0.999)	153399	5.92333	29.617(H)	Rev
161 Chrysene	228	11.204	11.211	(1.002)	147818	5.06822	25.341	Rev

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/L)	REVIEW CODE
162	Di-n-octylphthalate	149	11.920	11.922	(0.928)	204311	5.45223	27.261	Rev
166	Benzo(b)fluoranthene	252	12.400	12.403	(0.965)	165233	6.23207	31.160(H)	Rev
167	Benzo(k)fluoranthene	252	12.432	12.440	(0.968)	163143	5.57518	27.876	Rev
168	Benzo(a)pyrene	252	12.774	12.782	(0.995)	122759	4.98716	24.936(H)	Rev
173	Indeno(1,2,3-cd)pyrene	276	14.099	14.107	(1.098)	165260	5.95374	29.769	Rev
174	Dibenz(a,h)anthracene	278	14.110	14.128	(1.099)	129801	5.09426	25.471	Rev
176	Benzo(g,h,i)perylene	276	14.452	14.470	(1.125)	128900	5.87717	29.386	Rev
9	N-Nitrosomethylethylamine	88	2.368	2.375	(0.600)	24411	6.94583	34.729	Rev
13	N-Nitrosodiethylamine	102	2.977	2.984	(0.754)	26718	6.99011	34.950	Rev
20	Pentachloroethane	117	3.687	3.689	(0.934)	18383	6.69887	33.494	Rev
34	Acetophenone	105	4.339	4.341	(1.099)	89332	7.26334	36.317	Rev
31	N-Nitrosopyrrolidine	100	4.328	4.330	(1.096)	30411	7.30938	36.547(Q)	Rev
40	N-Nitrosopiperidine	114	4.649	4.650	(0.897)	27593	7.59977	37.999	Rev
53	2,6-Dichlorophenol	162	5.274	5.270	(1.018)	43916	7.89728	39.486	Rev
54	Hexachloropropene	213	5.285	5.286	(1.020)	29232	5.24100	26.205	Rev
57	N-Nitroso-di-n-butylamine	84	5.589	5.591	(1.078)	45731	6.58214	32.911	Rev
70	1,2,4,5-Tetrachlorobenzene	216	6.054	6.055	(0.872)	50813	6.98008	34.900	Rev
95	Pentachlorobenzene	250	7.101	7.103	(1.023)	41945	6.44107	32.205	Rev
130	Dinoseb	211	8.426	8.433	(0.998)	31192	9.12447	45.622	Rev
2	1,4-Dioxane	88	1.364	1.365	(0.345)	18072	5.49899	27.495	Rev
1	2-Ethoxyethanol	59	1.364	1.365	(0.345)	26291	5.13613	25.681	Rev
77	Biphenyl	154	6.358	6.360	(0.916)	146518	7.20178	36.009	Rev
79	Diphenyl ether	170	6.465	6.461	(0.931)	77261	6.92779	34.639	Rev

QC Flag Legend

Q - Qualifier signal failed the ratio test.
H - Operator selected an alternate compound hit.

Data File: \\aussvr02\INS_DATA\MSN1.i\N121207.B\N121222.D Page 1
Report Date: 13-Dec-2007 10:51

TestAmerica Austin

Method 8270C Semivolatiles

Data file : \\aussvr02\INS_DATA\MSN1.i\N121207.B\N121222.D
Lab Smp Id: KDG1R1AD Client Smp ID: NE3 MW-30B
Inj Date : 12-DEC-2007 15:59
Operator : MALLOYM Inst ID: MSN1.i
Smp Info : KDG1R1AD;I7L050202-001;1;0;;1;1040;;5000;
Misc Info : ;2-8270A.sub; IS-SMINTSTDW_00003 ;7341534
Comment : SOP NO. : AUS-MS-0005
Method : \\aussvr02\INS_DATA\MSN1.i\N121207.B\N1108BP.M
Meth Date : 13-Dec-2007 09:56 GirvicsJ Quant Type: ISTD
Cal Date : 04-DEC-2007 16:32 Cal File: N120410.D
Als bottle: 22
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 2-8270A.sub
Target Version: 4.14
Processing Host: AUSDJ7MV21

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vt	5000.000	Final volume of the extract (uL)
Vo	1040.000	Volume of sample extracted (mL)
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/L)	REVIEW CODE
* 23 1,4-Dichlorobenzene-d4	152	3.985	3.951	(1.000)	41849	10.0000		Rev
* 50 Naphthalene-d8	136	5.198	5.185	(1.000)	253360	10.0000		Rev
* 91 Acenaphthene-d10	164	6.950	6.937	(1.000)	119764	10.0000		Rev
* 132 Phenanthrene-d10	188	8.446	8.443	(1.000)	236713	10.0000		Rev
* 160 Chrysene-d12	240	11.181	11.173	(1.000)	201940	10.0000		Rev
* 169 Perylene-d12	264	12.847	12.840	(1.000)	182322	10.0000		Rev
$ 12 2-Fluorophenol	112	2.820	2.787	(0.708)	64158	11.4159	54.884	Rev
$ 15 Phenol-d5	99	3.680	3.626	(0.924)	82698	10.8880	52.346	Rev
$ 114 2,4,6-Tribromophenol	330	7.746	7.744	(0.917)	25259	12.1638	58.480	Rev
$ 38 Nitrobenzene-d5	82	4.503	4.486	(0.866)	93420	8.37666	40.272	Rev
$ 75 2-Fluorobiphenyl	172	6.266	6.259	(0.902)	115576	7.24668	34.840	Rev
$ 147 Terphenyl-d14	244	10.048	10.047	(0.899)	153179	8.81533	42.381	Rev
28 2-Methylphenol	108	4.225	4.192	(1.060)	261367	44.0007	211.54(A) NT SX	Rev
30 3-(and/or 4-)Methylphenol	108	4.386	4.347	(1.101)	413477	66.8858	321.57(A) NT	Rev
42 2,4-Dimethyphenol	107	4.877	4.854	(0.938)	239160	21.7878	104.75	Rev
45 Benzoic Acid	122	5.112	4.999	(0.984)	82146	17.6860	85.029(QH)	Rev
51 Naphthalene	128	5.224	5.207	(1.005)	1391217	48.0708	231.11(A) NT	Rev
67 2-Methylnaphthalene	142	5.897	5.891	(1.135)	45389	2.47549	11.901	Rev
97 Dibenzofuran	168	7.153	7.151	(1.029)	14673	0.72750	3.4976	Rev
107 Fluorene	166	7.500	7.493	(1.079)	10665	0.63100	3.0336	Rev
133 Phenanthrene	178	8.467	8.466	(1.003)	24729	0.96366	4.6330	Rev
134 Anthracene	178	8.515	8.519	(1.008)	1999	0.08115	0.39014(aQ)	Rev

DEC 14 2007

DEC 13 2007

Data File: \\aussvr02\INS_DATA\MSN1.i\N121207.B\N121222.D Page 2
Report Date: 13-Dec-2007 10:51

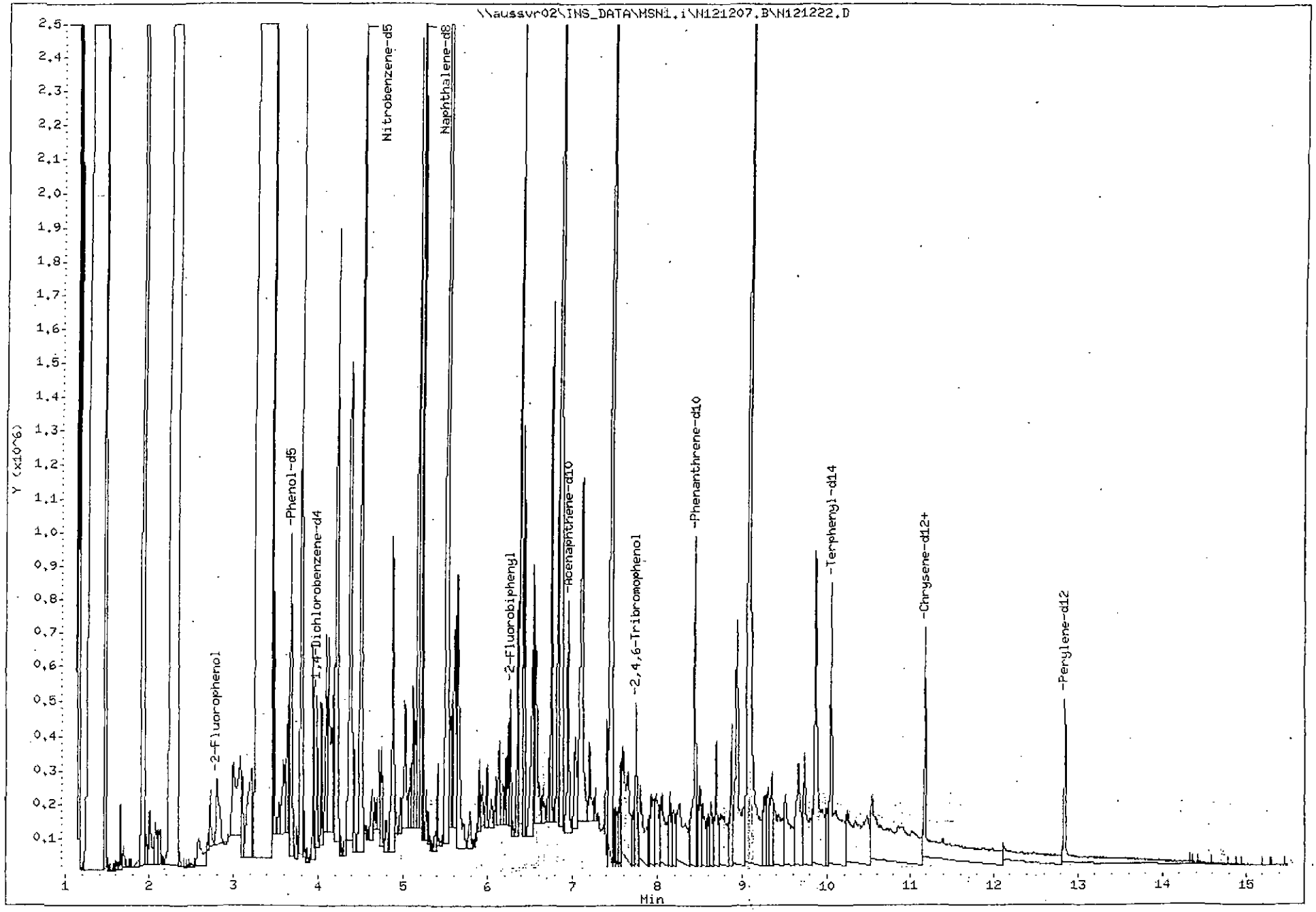
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/L)	REVIEW CODE
135	Carbazole	167	8.691	8.685	(1.029)	82974	3.74040	17.983	Rev
166	bis(2-Ethylhexyl)phthalate	149	11.170	11.169	(0.999)	3331	0.71954	3.4593	Rev
68	1-Methylnaphthalene	142	5.994	5.992	(1.153)	31148	1.68422	8.0972(H)	Rev
34	Acetophenone	105	4.370	4.341	(1.097)	152372	14.9710	71.976(Q)	Rev
77	Biphenyl	154	6.367	6.360	(0.916)	21607	1.13966	5.4791(QH)	Rev

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).
A - Target compound detected but, quantitated amount exceeded maximum amount.
Q - Qualifier signal failed the ratio test.
H - Operator selected an alternate compound hit.

Data File: \\aussvr02\INS_DATA\MSN1.i\N121207.B\N121222.D
Date : 12-DEC-2007 15:59

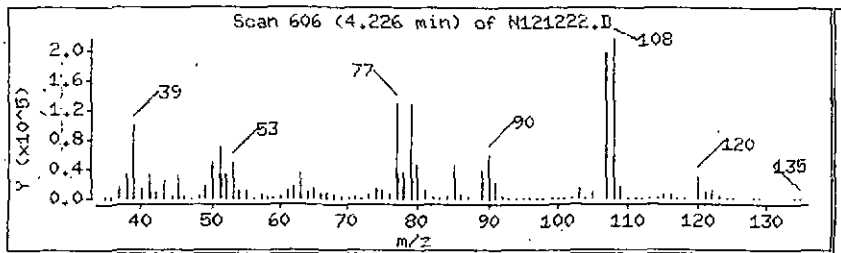
Sample Info: KDG1R1AD;I7L050202-001;1;0;;1;1040;;5000;

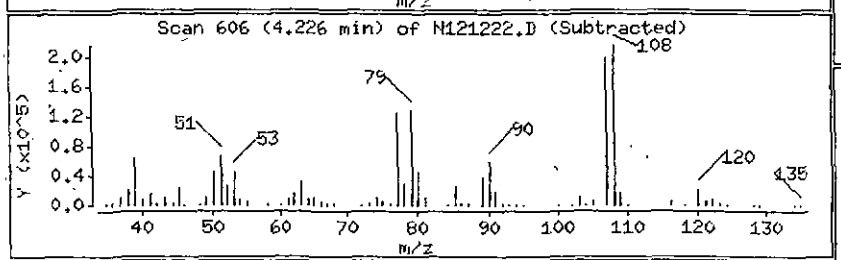


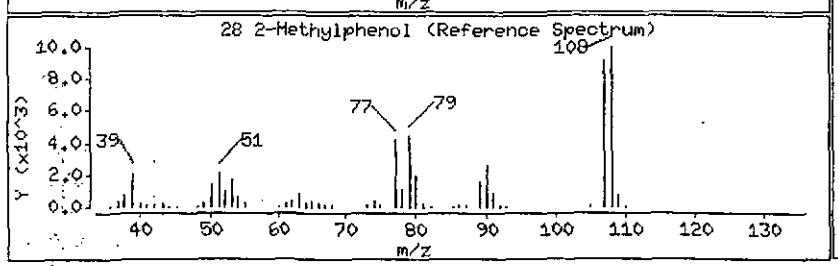
Data File: \\aussvr02\INS_DATA\MSN1.i\N121207.B\N121222.D Page 4

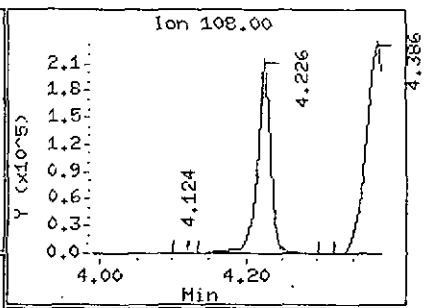
Date : 12-DEC-2007 15:59 Sample Info: KDG1R1AD;I7L050202-001;1;0;;1;1040;;5000;

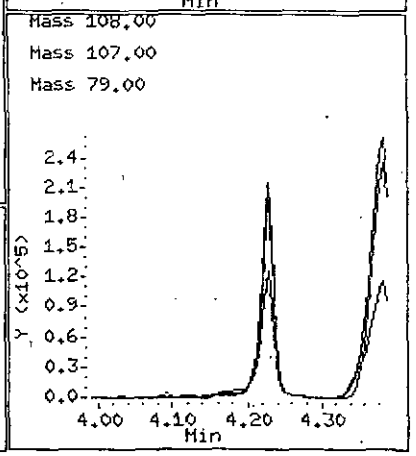
28 2-Methylphenol Concentration: 211.54 ug/L



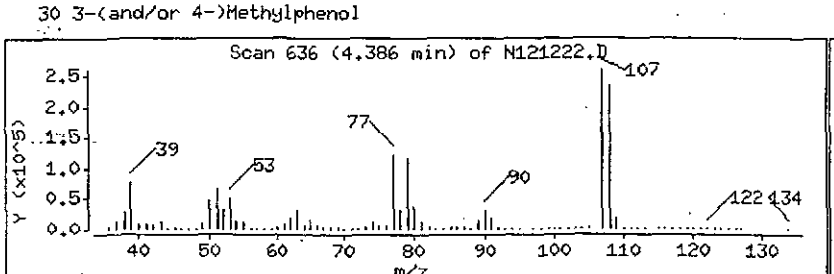


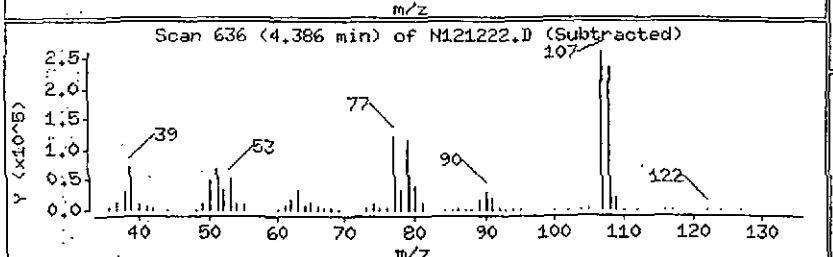


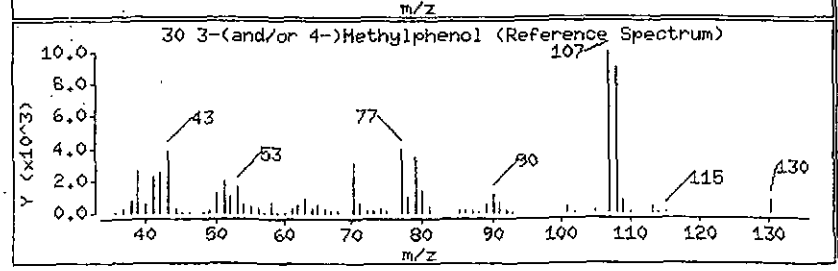


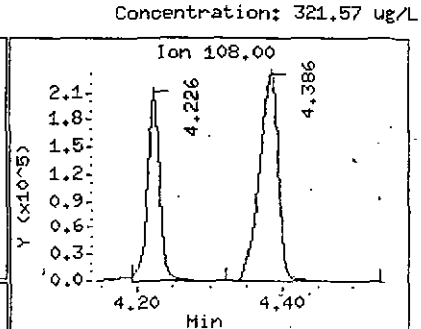


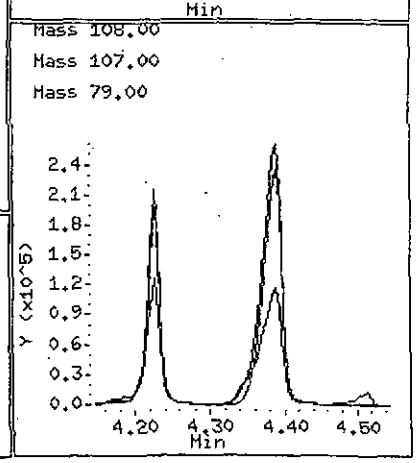
30 3-(and/or 4-)Methylphenol Concentration: 321.57 ug/L











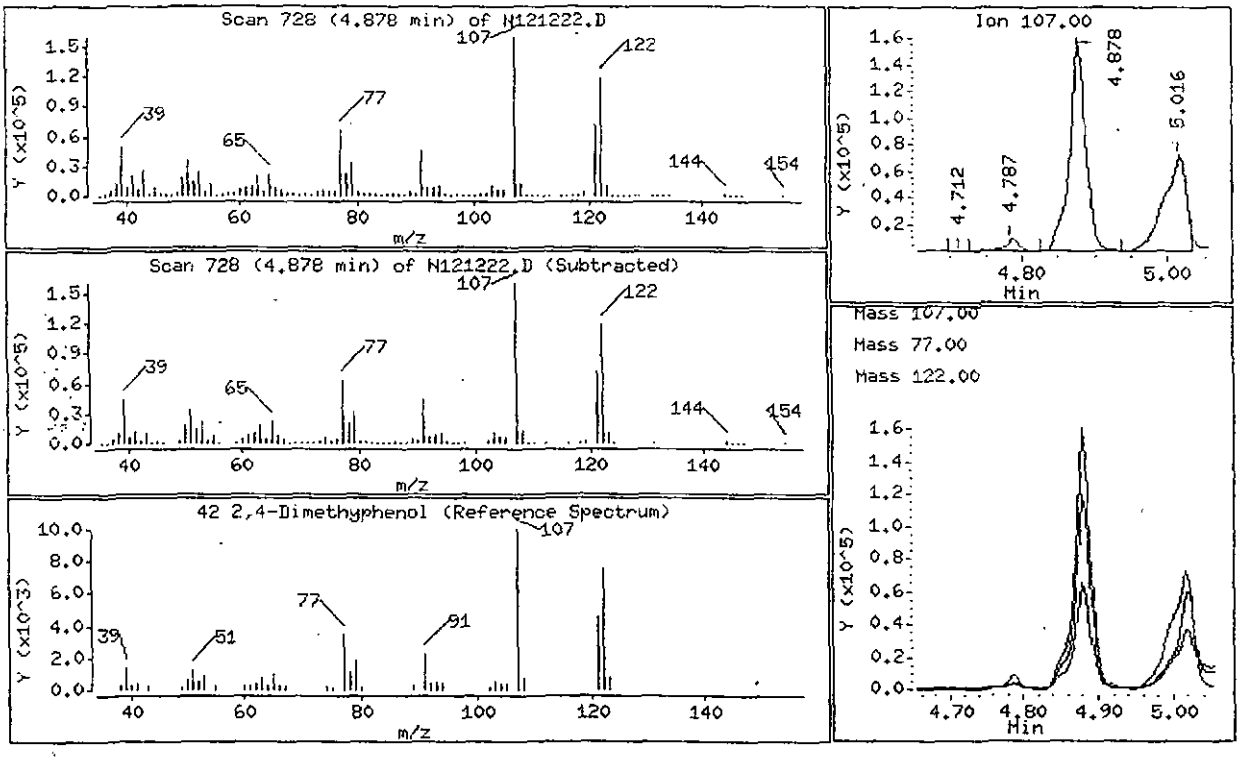
Data File: \\aussvr02\INS_DATA\MSN1.i\N121207.B\N121222.D

Date : 12-DEC-2007 15:59

Sample Info: KDG1R1AD;I7L050202-001;1;0;;1;1040;;5000;

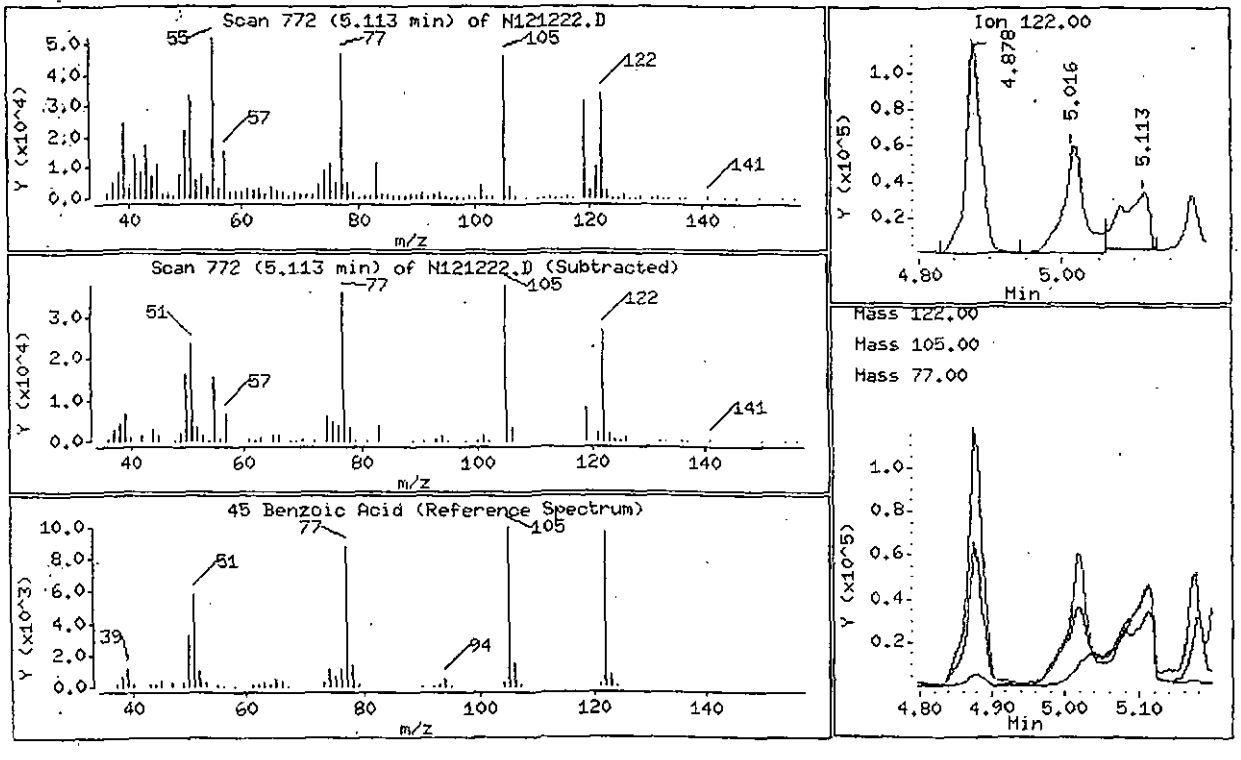
42 2,4-Dimethyphenol

Concentration: 104.75 ug/L



45 Benzoic Acid

Concentration: 85.029 ug/L



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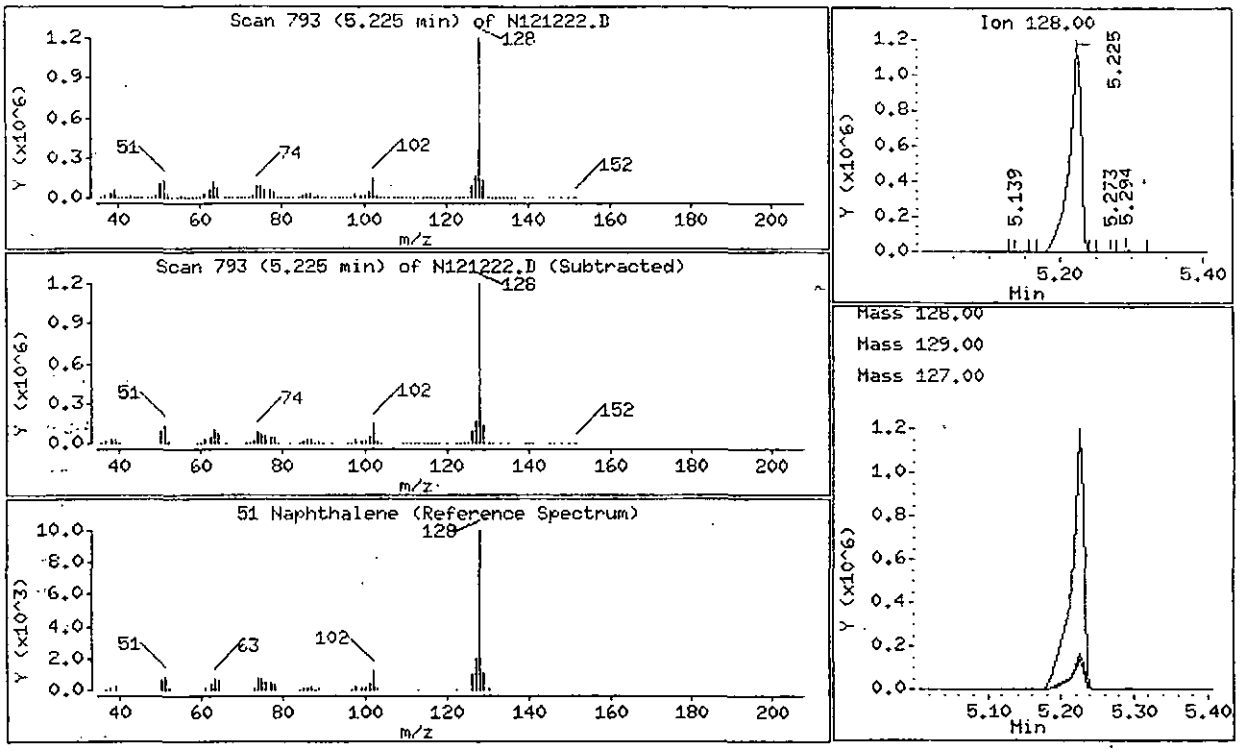
Date : 12-DEC-2007 15:59

Sample Info: KDG1R1AD;I7L050202-001;1;0;;1;1040;;5000;

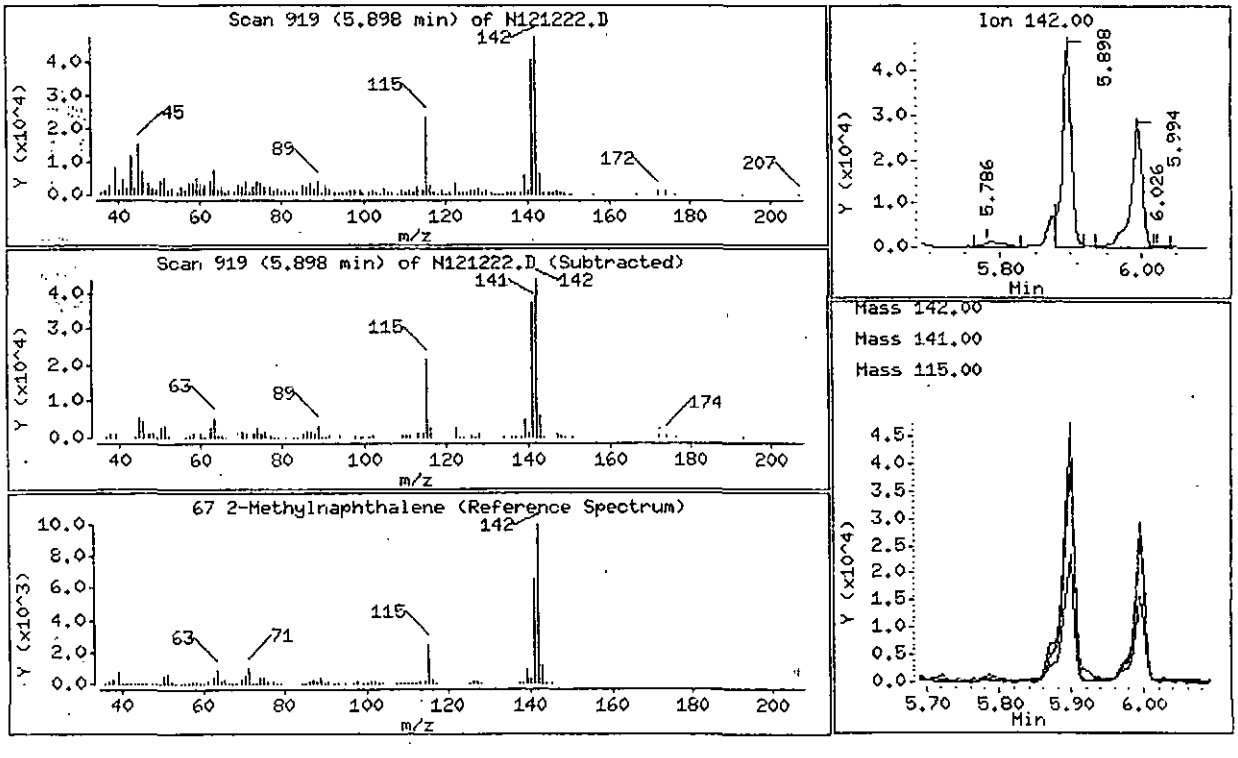
51 Naphthalene

Concentration: 231.11 ug/L



67 2-Methylnaphthalene

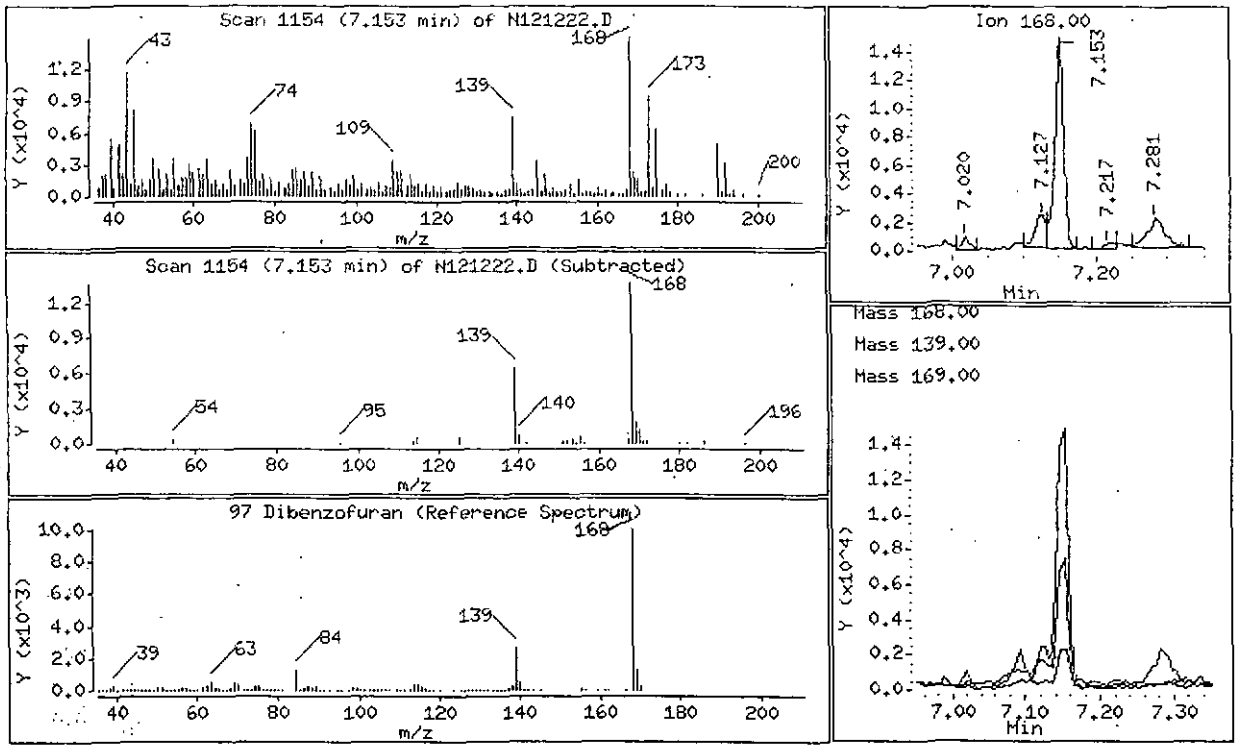
Concentration: 11.901 ug/L



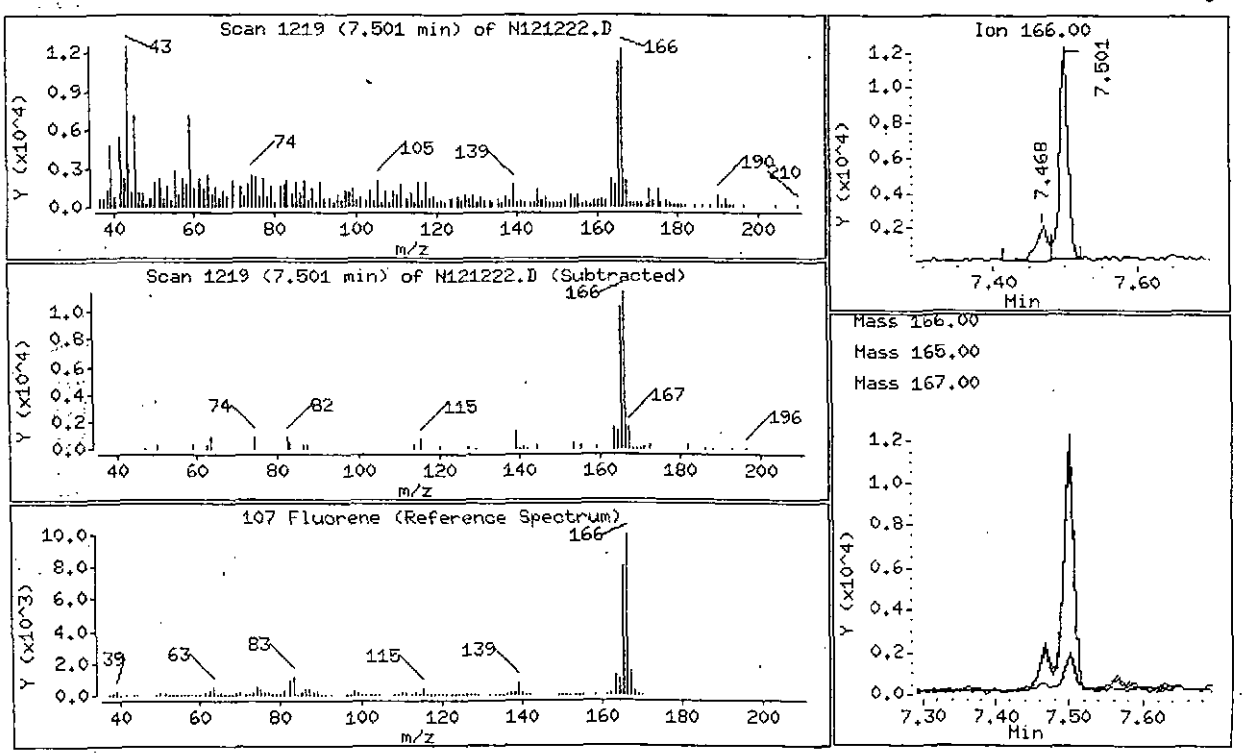
Data File: \\aussvr02\INS_DATA\MSN1.i\N121207.B\N121222.D Page 7

Date : 12-DEC-2007 15:59 Sample Info: KDG1R1AD;I7L050202-001;1;0;;1;1040;;5000;

97 Dibenzofuran Concentration: 3.4976 ug/L



107 Fluorene Concentration: 3.0336 ug/L



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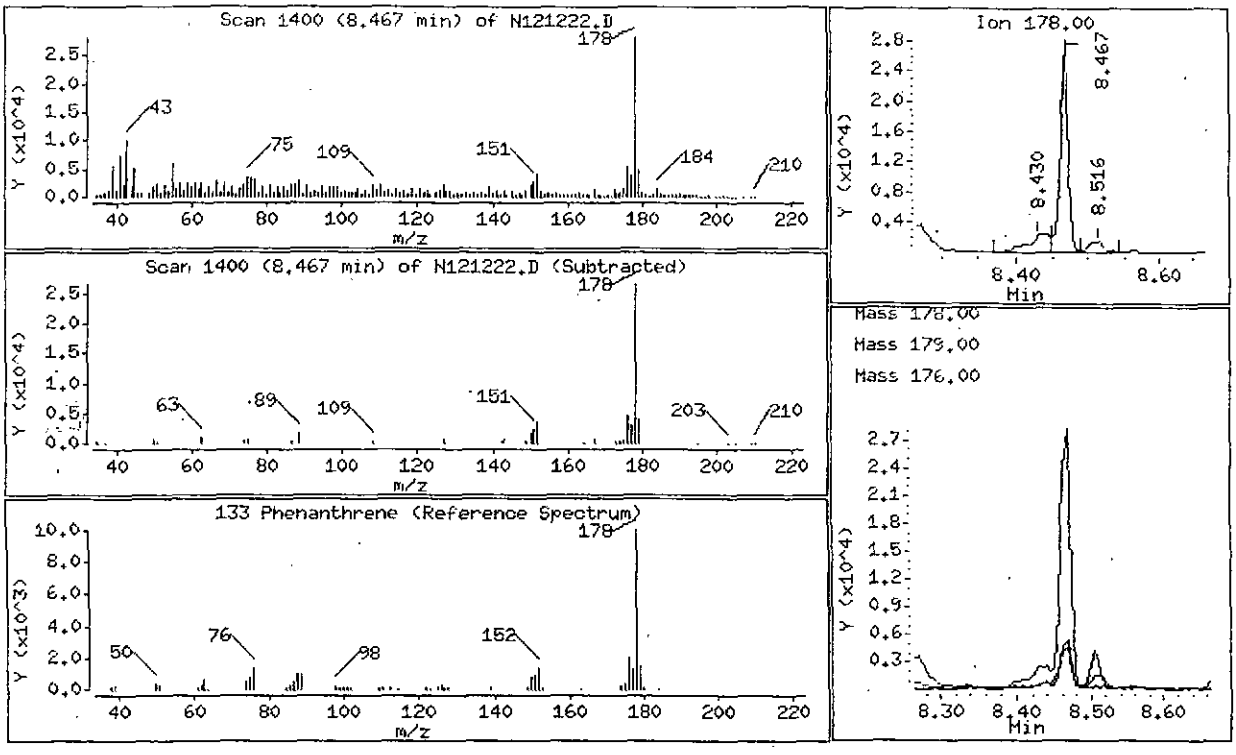
Date : 12-DEC-2007 15:59

Sample Info: KDG1R1AD;I7L050202-001;1;0;;1;1040;;5000;

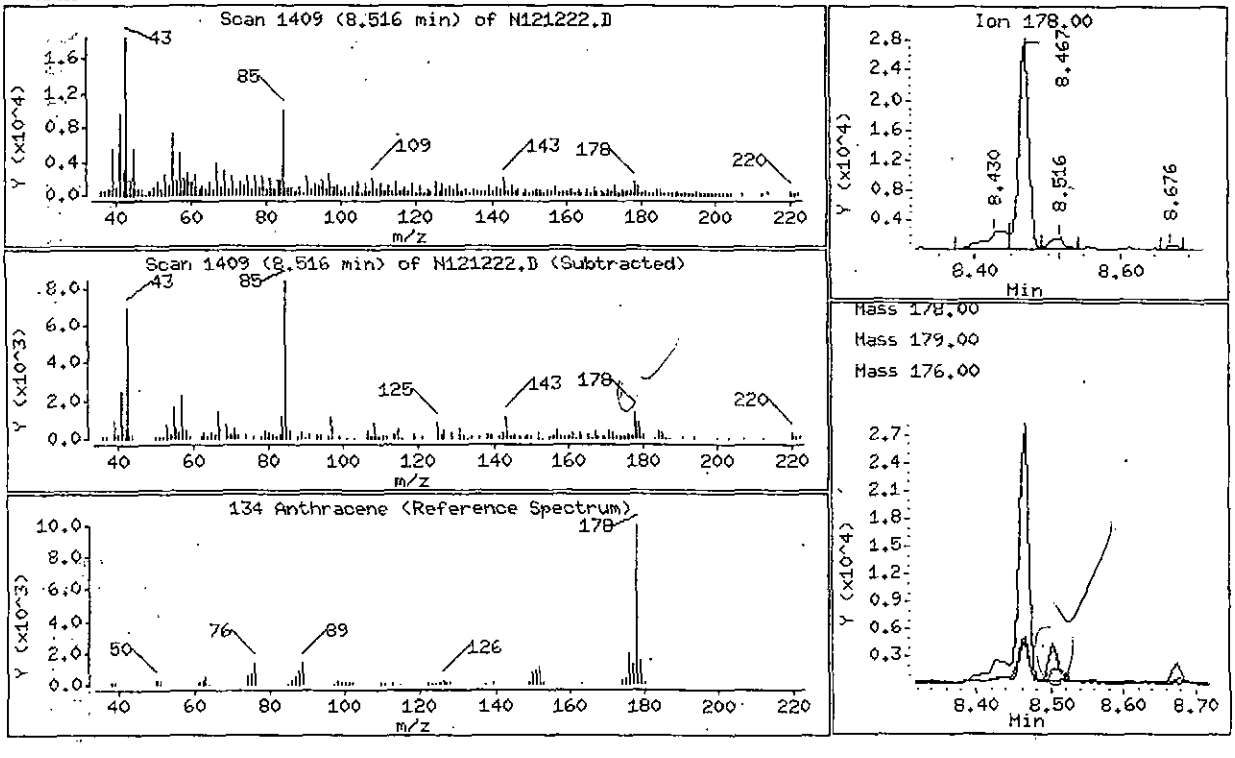
133 Phenanthrene

Concentration: 4.6330 ug/L



134 Anthracene

Concentration: 0.39014 ug/L



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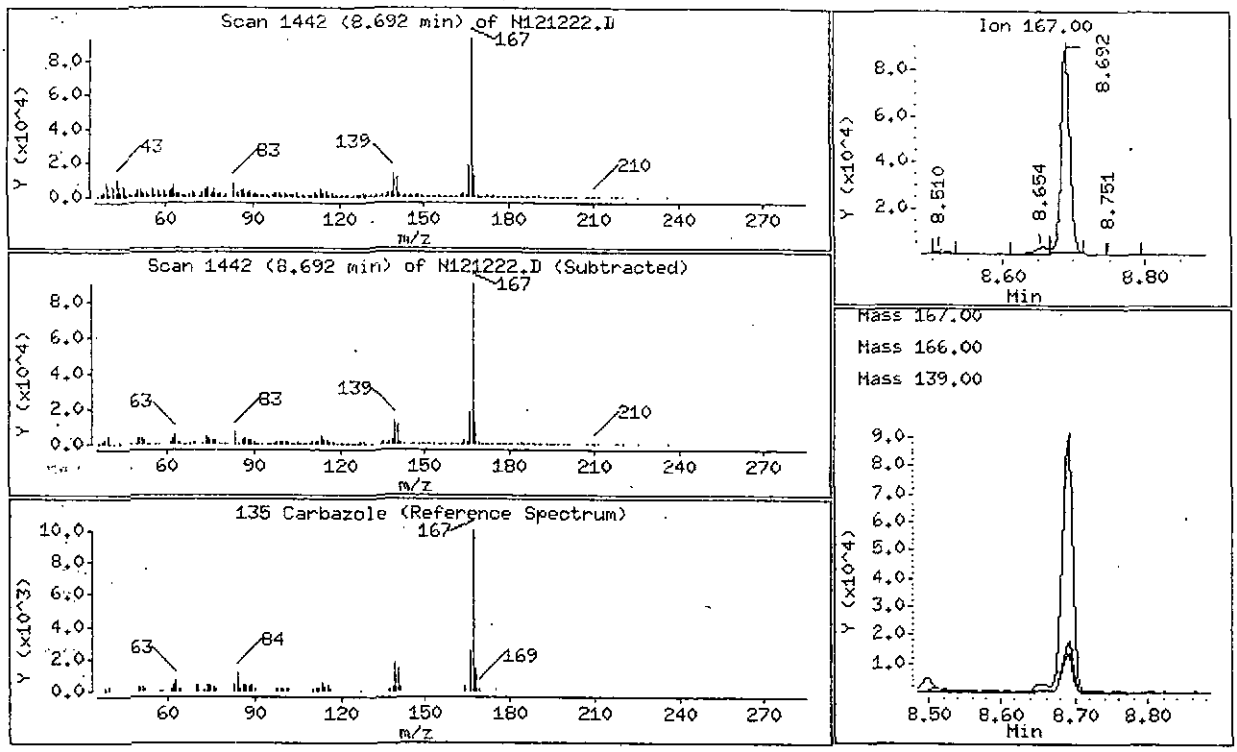
Date : 12-DEC-2007 15:59

Sample Info: KDG1R1AD;I7L050202-001;1;0;;1;1040;;5000;

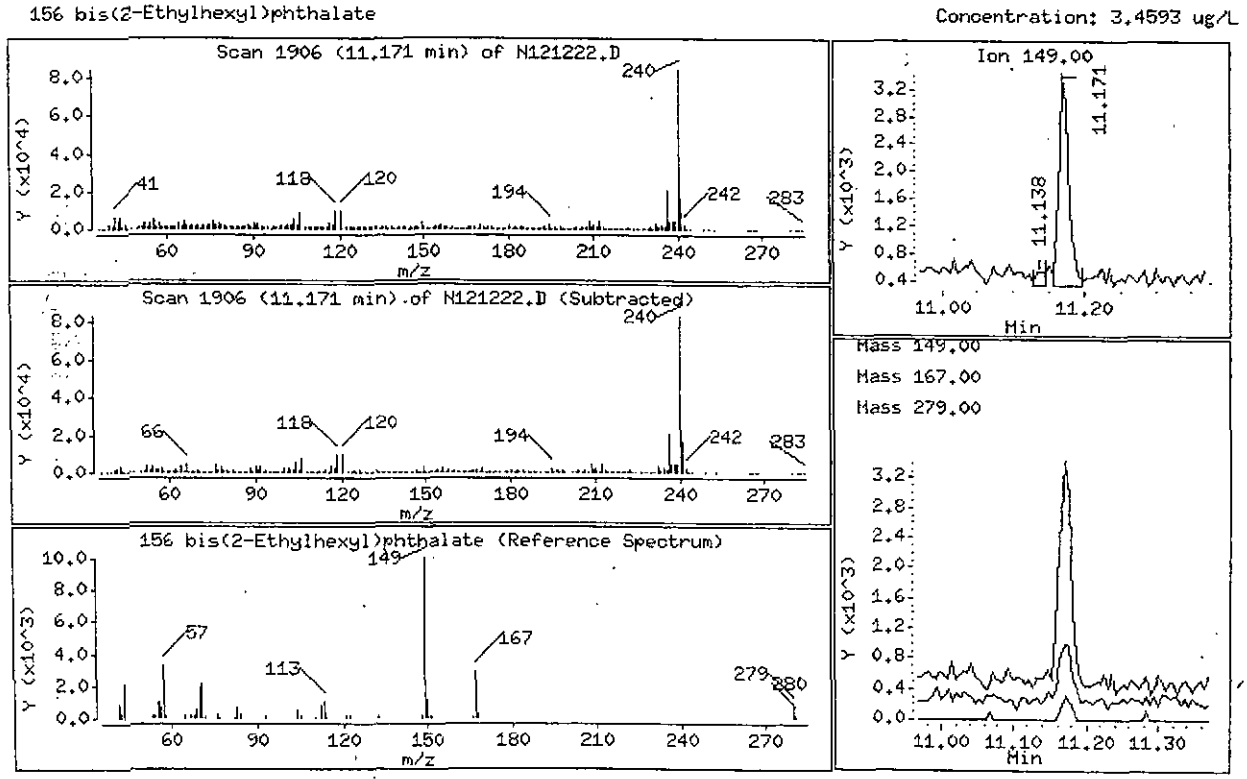
135 Carbazole

Concentration: 17.983 ug/L



156 bis(2-Ethylhexyl)phthalate

Concentration: 3.4593 ug/L



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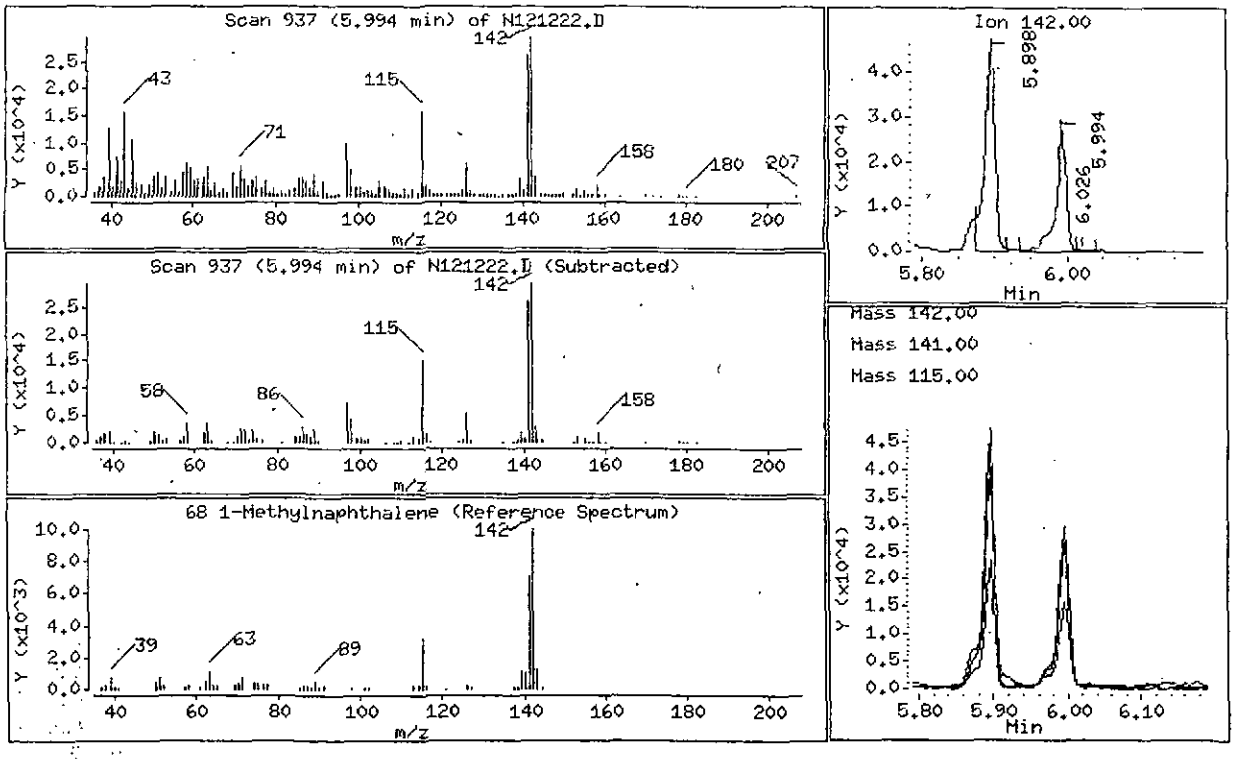
Date : 12-DEC-2007 15:59

Sample Info: KDG1R1AD;I7L050202-001;1;0;;1;1040;;5000;

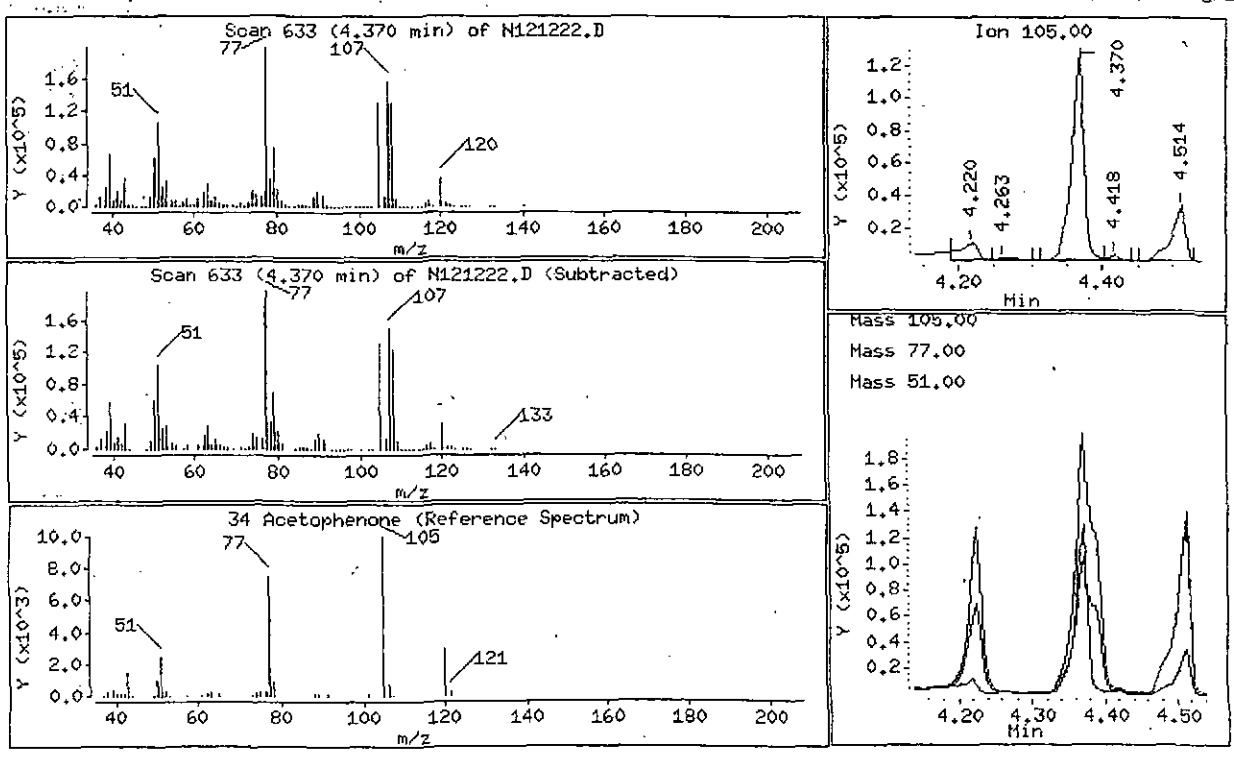
68 1-Methylnaphthalene

Concentration: 8.0972 ug/L



34 Acetophenone

Concentration: 71.976 ug/L



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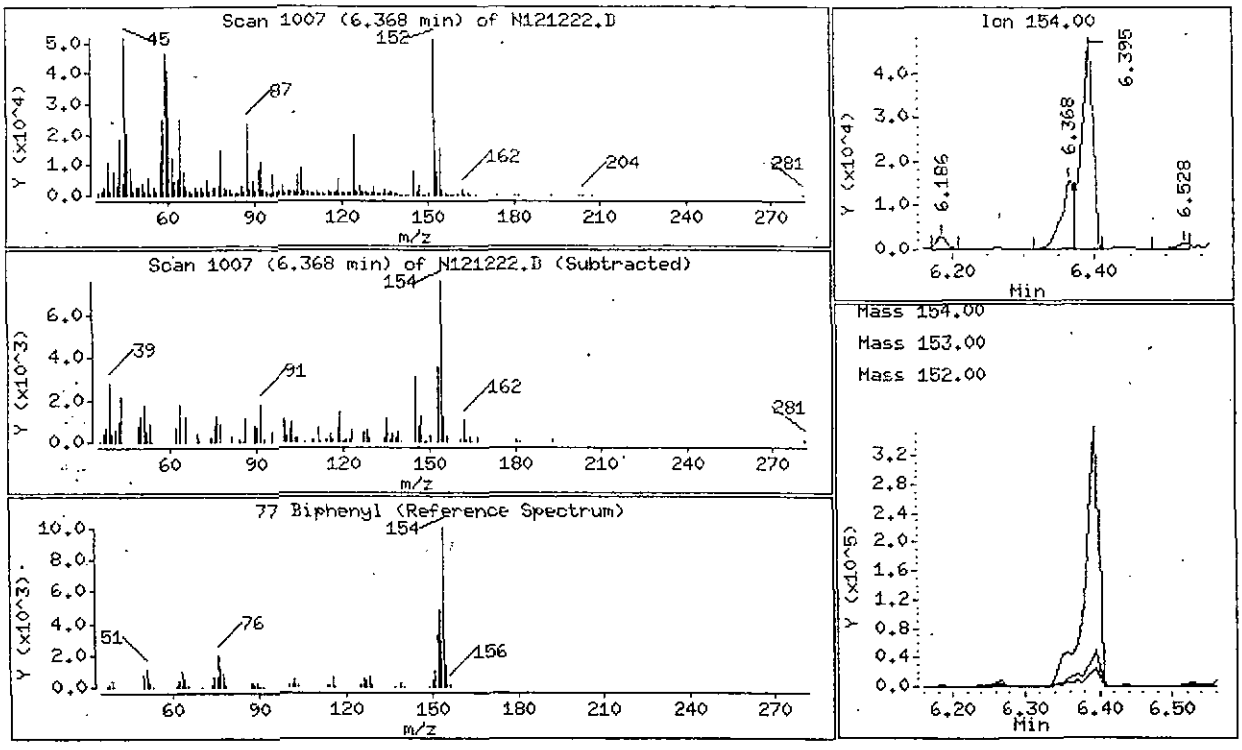
Date : 12-DEC-2007 15:59 Sample Info: KDG1R1AD;I7L050202-001;1;0;;1;1040;;5000;

77 Biphenyl Concentration: 5.4791 ug/L



STL AUSTIN

MS SEMI DATA REVIEW CHECl

Work Order Numbers / Lab Sample Numbers

H7L130126	
H7K290261	
H7K290271	
H7L170167	
H7L050202	

Method Name/Type: M8270c

Instrument ID: MSN1

Analysis Date: 12/13/2007

ICAL Date: 11/8/2007

Review Item	YES	NO	N/A	2nd Review
Tuning				
DFTPP tuning criteria met	✓			✓
Mass list, RIC, and mass spectrum included	✓			✓
Correct DFTPP included with analytical runs	✓			✓
Tailing (for PCP & Benzidine) and degradation (for DDT) criteria met	✓			✓
Initial Calibration				
RRF and %RSD within acceptance limits			✓	NA
Runs checked for saturation			✓	
CLP only: surrogates and internal stds. labeled on chromatograms			✓	
Second source check standard analyzed successfully			✓	✓
Continuing Calibration				
RRF and % Difference within acceptance criteria	✓			✓
Sample Analysis				
Sample name and header information correct	✓			✓
RRT of identified cmpds. w/i +/-0.06 RRT units of RRT of std.comp.	✓			✓
Ions present in standard spectra with abundance of >10% of base ion present in sample spectra	✓			✓
Surrogate recoveries within limits (matrix)	H7K290271	✓		✓
Quantified against appropriate standard (see note)	✓			✓
Run(s) within linear range	✓			✓
Sample hold times met	✓			✓
TCL match	✓			✓
Quality Control Samples				
Method blanks less than reporting limits	✓	✓		✓
Method blanks analyzed at required frequency	✓			✓
LCS spike % recoveries within limits	✓			✓
MS/MSD spike % recoveries within limits	✓			✓
MS/MSD/DUPs RPD within limits	✓			✓
Other				
All nonconformances included and noted	✓			✓
Required forms completed	✓			✓
Correct methodology used	✓			✓
All unused analyses noted on the sequence with the reason?	✓			✓
Transcriptions checked for accuracy	✓			✓
All calculations checked at minimum frequency	✓			✓
Data checked for potential false positive and false negative results	✓			✓
Manual integration checked by 2nd reviewer			✓	NA
Units checked	✓			✓

Comment on any "NO" response:

H7K290261 (ocr) & H7K290271-001; Some surr. low due to matrix NCM# 09-0023150

Analyst: Mark Malloy — Date: 12/14/07 → 12/15/07

2nd Review: — Date: 12-18-07

INSTRUMENT GCMS-N1 (MSD4) ANALYST / DATE: Mark Malley 12-13-07
SHIFT (Circle): 1 2 3 METHOD / TEST: M8270C
COMPUTER CLOCK DATE / TIME: SOP #: AUS MS 0005

DAILY CHECK ✓	INSERT CHANGED Cleaned	SEPTA CHANGED X	COLUMN CHANGED X	AUTOSAMPLER MAINT. X
M. PUMP OIL X	TURBO OIL X	FILAMENT CHANGE X	OTHER N/A	

DAILY CHECK includes sufficient carrier and detector gases, correct column flow/pressure, condition of septa, etc. Glass insert, septa, column and gases changed as needed. Source cleaned as needed. Mechanical pump oil and turbomolecular pump oil changed semiannually (usually on service contract). OTHER is for minor maintenance performed or for reference to Repair Log for major repairs.

MASS SPECTROMETER CONDITIONS:

Tune File: NDFTPP.U
Elect Mult. 1583 volts
Tuning Performance (circle one):
DFTPP Autotune Other

Sampling Rate 2M 1
Scan Range 35-500 amu
Interface (circle one):
Direct Jet Separator Other

GC PROGRAM:

GC Meth. N1108BP.M
Inj. Temp. 270 C
Carrier Gas: Helium
Flow/Pressure 15→45psi 1.5m

Initial Temp. 55 C
Init.Hold 0.5 min
Ramp 15' C/min
Final Temp. 325 C

Final Hold 2.6 min
Other Program or Special Conditions:

GC COLUMN:

Column ID#: MSID # 275 (Circle one) Packed Capillary
Phases/Loadings: J+W DB5.625 i.d. 0.18 mm Length 26 m
Injection Type (Circle & Describe): Purge & Trap
Split Splitless pulsed

INSTRUMENT SEQUENCE:

Sample Name, Sample Number, Dilution, etc. Autosampler #

```
Sequence Name: D:\MSN1.I\SEQUENCE\N121307.S
      Comment:
     Operator: GirvicsJ
    Data Path: D:\MSN1.I\N121307.B\
  Pre-Seq Cmd:
 Post-Seq Cmd:

Method Sections To Run      On A Barcode Mismatch
 (X) Full Method              (X) Inject Anyway
 ( ) Reprocessing Only        ( ) Don't Inject
```

Line	Type	Vial	DataFile	Method	Sample Name
1	Sample	1	N121301	NDFTPP	DFTPP;DFTPP;;;;;;; SMTuneSTD
2	Sample	2	N121302	N1108BP	Ccalib_5;HSL_10;;2;5;3;;;; SM
3	Sample	3	N121303	N1108BP	Ccalib_5;AP9_10;;2;5;3;;;; SM
4	Sample	4	N121304	N1108BP	KD2791AAB;I7L130000-208;1;0;;
5	Sample	5	N121305	N1108BP	KD2791ACC;I7L130000-208;1;0;;
6	Sample	6	N121306	N1108BP	KD2791ADL;I7L130000-208;1;0;;
7	Sample	7	N121307	N1108BP	KD2VQ1AC;I7L130120-001;1;0;;2
8	Sample	8	N121308	N1108BP	KD2VQ1ADS;I7L130120-001;1;0;;
9	Sample	9	N121309	N1108BP	KD2VQ1AED;I7L130120-001;1;0;;
10	Sample	10	N121310	N1108BP	KD11V1AAB;I7L120000-533;1;0;;
11	Sample	11	N121311	N1108BP	KD11V1ACC;I7L120000-533;1;0;;
12	Sample	12	N121312	N1108BP	KD11V1ADL;I7L120000-533;1;0;;
13	Sample	13	N121313	N1108BP	KC4FT1AX;H7K290261-001;1;0;;2
14	Sample	14	N121314	N1108BP	KC4G51AW;H7K290271-001;1;0;;2
15	Sample	15	N121315	N1108BP	~~KD03H1AL;I7L120167-001;1;0;;2~~
16	Sample	16	N121316	N1108BP	~~KD1AQ1AL;I7L120167-002;1;0;;2~~
17	Sample	17	N121317	N1108BP	KD2VT1AC;I7L130120-002;1;0;;2
18	Sample	18	N121318	N1108BP	KD2VV1AC;I7L130120-003;1;0;;2
19	Sample	19	N121319	N1108BP	KD2VW1AC;I7L130120-004;1;0;;2
20	Sample	20	N121320	N1108BP	KD2V01AC;I7L130120-005;1;0;;2
21	Sample	21	N121321	N1108BP	KD2V11AC;I7L130120-006;1;0;;2
22	Sample	22	N121322	N1108BP	KDG1R1AD;I7L050202-001;5;0;;1
23					

12-14-7

12-14-7

Sequence Name: D:\MSN1.I\SEQUENCE\N121307.S
Comment:
Operator: GirvicsJ
Data Path: D:\MSN1.I\N121307.B\
Pre-Seq Cmd:
Post-Seq Cmd:

Method Sections To Run
(X) Full Method
( ) Reprocessing Only

On A Barcode Mismatch
(X) Inject Anyway
( ) Don't Inject

Line	Type	Vial	DataFile	Method	Sample Name
1	Sample	1	N121301	NDFTPP	DFTPP;DFTPP;;;;;;; SMTuneSTD
2	Sample	2	N121302	N1108BP	Ccalib_5;HSL_10;;2;5;3;;;; SM
3	Sample	3	N121303	N1108BP	Ccalib_5;AP9_10;;2;5;3;;;; SM
4	Sample	4	N121304	N1108BP	KD2791AAB;I7L130000-208;1;0;;
5	Sample	5	N121305	N1108BP	KD2791ACC;I7L130000-208;1;0;;
6	Sample	6	N121306	N1108BP	KD2791ADL;I7L130000-208;1;0;;
7	Sample	7	N121307	N1108BP	KD2VQ1AC;I7L130120-001;1;0;;2
8	Sample	8	N121308	N1108BP	KD2VQ1ADS;I7L130120-001;1;0;;
9	Sample	9	N121309	N1108BP	KD2VQ1AED;I7L130120-001;1;0;;
10	Sample	10	N121310	N1108BP	KD11V1AAB;I7L120000-533;1;0;;
11	Sample	11	N121311	N1108BP	KD11V1ACC;I7L120000-533;1;0;;
12	Sample	12	N121312	N1108BP	KD11V1ADL;I7L120000-533;1;0;;
13	Sample	13	N121313	N1108BP	KC4FT1AX;H7K290261-001;1;0;;2
14	Sample	14	N121314	N1108BP	KC4G51AW;H7K290271-001;1;0;;2
15	Sample	15	N121315	N1108BP	~~KD03H1AL;I7L120167-001;1;0;;2~~ not used
16	Sample	16	N121316	N1108BP	~~KD1AQ1AL;I7L120167-002;1;0;;2~~ carry over?
17	Sample	17	N121317	N1108BP	KD2VT1AC;I7L130120-002;1;0;;2
18	Sample	18	N121318	N1108BP	KD2VV1AC;I7L130120-003;1;0;;2
19	Sample	19	N121319	N1108BP	KD2VW1AC;I7L130120-004;1;0;;2
20	Sample	20	N121320	N1108BP	KD2V01AC;I7L130120-005;1;0;;2
21	Sample	21	N121321	N1108BP	KD2V11AC;I7L130120-006;1;0;;2
22	Sample	22	N121322	N1108BP	KDG1R2AD;I7L050202-001;5;0;;1
23					

MM 12/14-7

Data File: \\aussvr02\INS_DATA\MSN1.i\N121307.B\N121301.D Page 1
Report Date: 14-Dec-2007 06:44

TestAmerica Laboratories, Inc.

Data file : \\aussvr02\INS_DATA\MSN1.i\N121307.B\N121301.D
Lab Smp Id: DFTPP Client Smp ID: DFTPP
Inj Date : 13-DEC-2007 15:05
Operator : GirvicsJ Inst ID: MSN1.i
Smp Info : DFTPP;DFTPP;;;;;;; SMTuneSTD0003
Misc Info : ; ; DFTPP
Comment :
Method : \\AUSSVR02\INS_DATA\MSN1.i\N121307.B\NDFTPP.m
Meth Date : 11-Oct-2007 08:14 malloym Quant Type: ESTD
Cal Date : Cal File:
Als bottle: 1 QC Sample: DFTPP
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14 Sample Matrix: None
Processing Host: AUS21324

RT	EXP RT	DLT RT	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE		RATIO
1 dftpp						CAS #: 5074-71-5			
6.430	6.713	-0.283	198	241664			0.00-	100.00	100.00
6.430	7.153	-0.723	51	137600			30.00-	60.00	56.94
6.430	7.153	-0.723	68	0	0.0	0.0	0.00-	2.00	0.00
6.430	7.153	-0.723	69	129992			0.00-	0.00	53.79
6.430	7.153	-0.723	70	809			0.00-	2.00	0.62
6.430	7.153	-0.723	127	130424			40.00-	60.00	53.97
6.430	7.153	-0.723	197	0	0.0	0.0	0.00-	1.00	0.00
6.430	7.153	-0.723	199	16272			5.00-	9.00	6.73
6.430	7.153	-0.723	275	67144			10.00-	30.00	27.78
6.430	7.153	-0.723	365	8659			1.00-	0.00	3.58
6.430	7.153	-0.723	441	24192			0.01-	99.99	76.21
6.430	7.153	-0.723	442	166016			40.00-	0.00	68.70
6.430	7.153	-0.723	443	31744			17.00-	23.00	19.12

DEC 14 2007

Data File: \\aussvr02\INS_DATA\MSN1.i\N121307.B\N121301.D

Date : 13-DEC-2007 15:05

Client ID: DFTPP

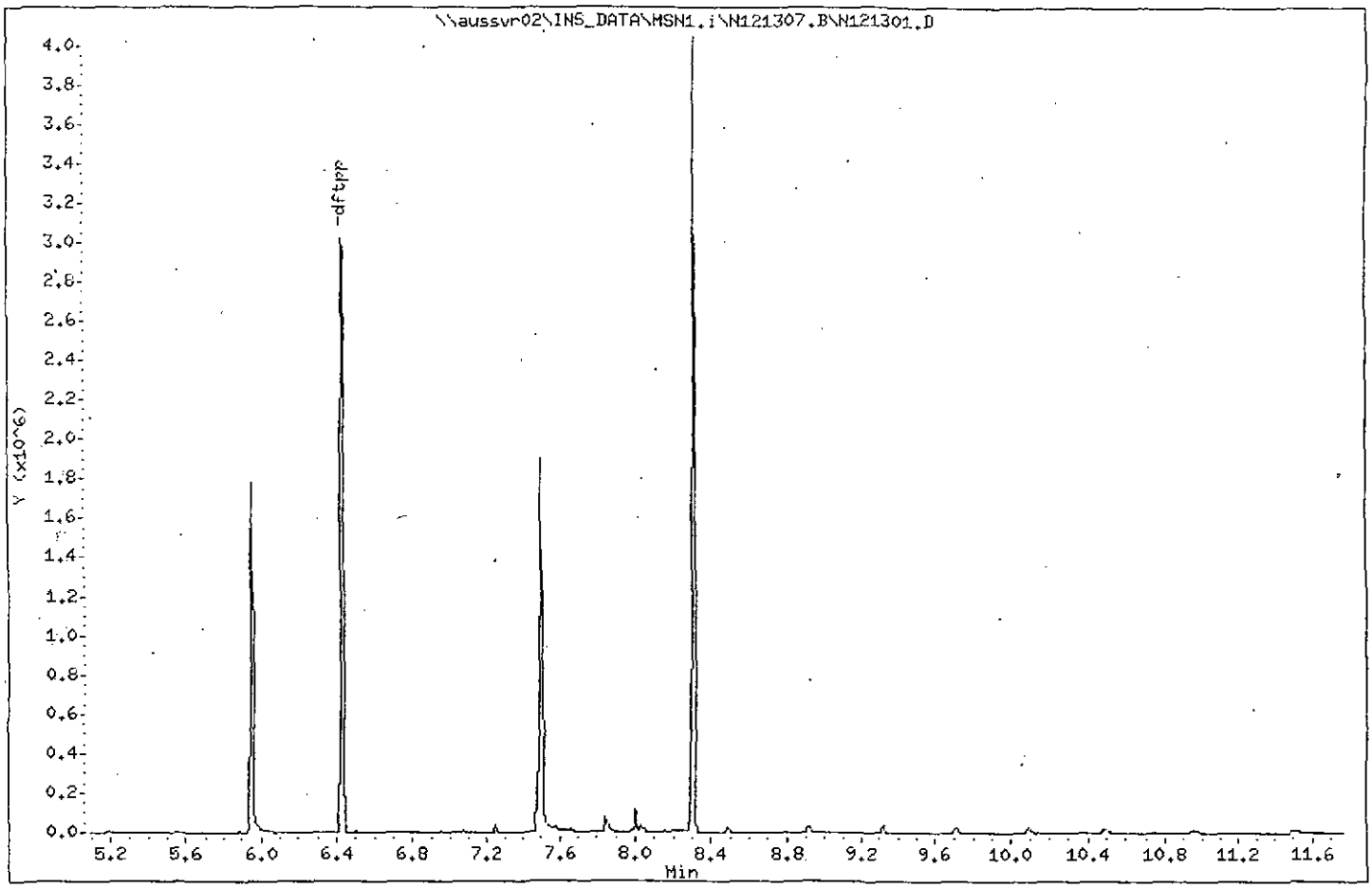
Instrument: MSN1.i

Sample Info: DFTPP;DFTPP;;;;;;;; SMTuneSTD0003

Operator: GirvicsJ

Column phase: Rtx-5 MS

Column diameter: 0.25



Data File: \\aussvr02\INS_DATA\MSN1.i\N121307.B\N121301.D

Date : 13-DEC-2007 15:05

Client ID: DFTPP

Instrument: MSN1.i

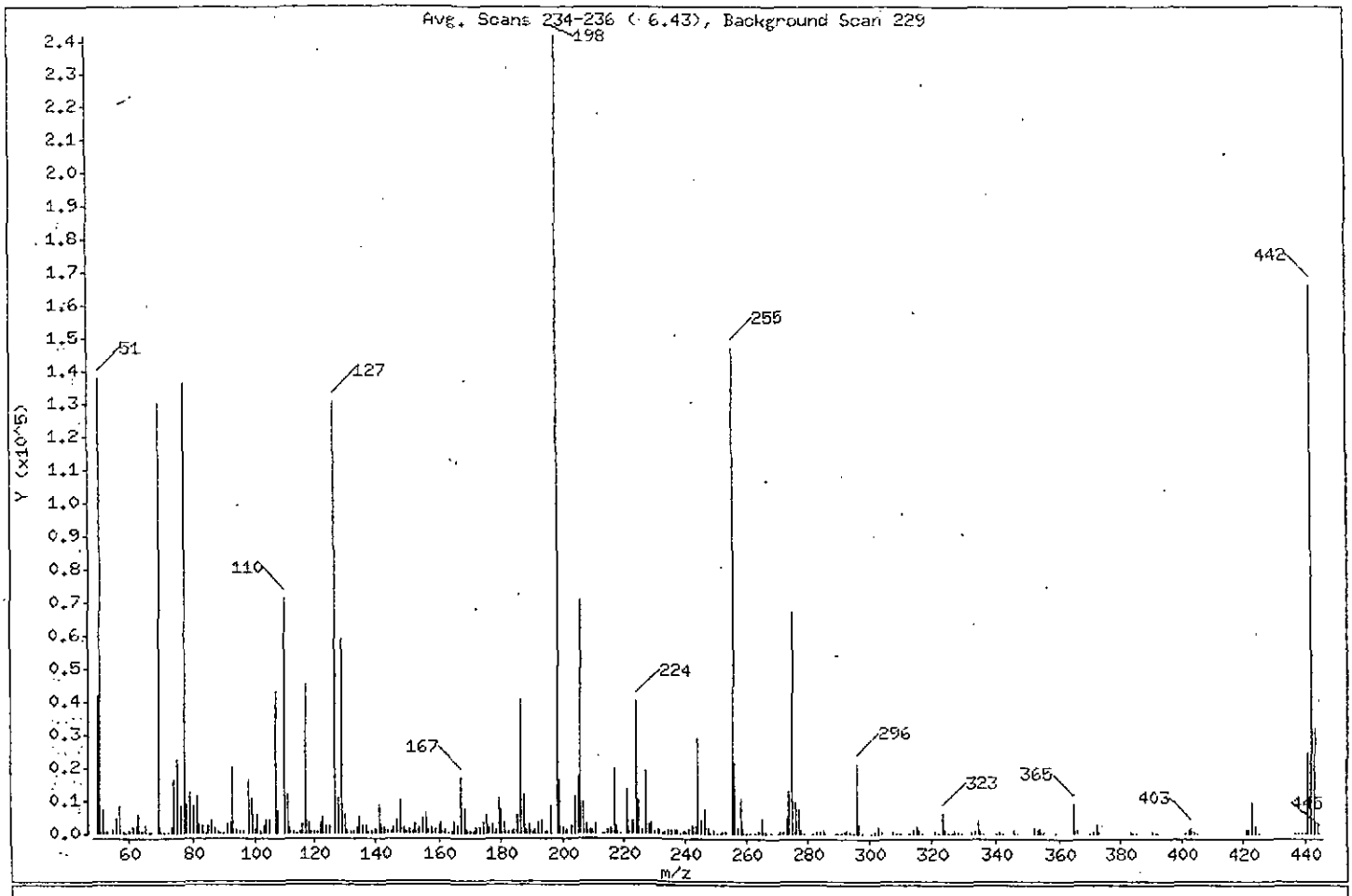
Sample Info: DFTPP;DFTPP;;;;;;; SMTuneSTD0003

Operator: GirvicsJ

Column phase: Rtx-5 MS

Column diameter: 0.25

1 dftpp



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 60.00% of mass 198	56.94
68	Less than 2.00% of mass 69	0.00 (0.00)
69	Mass 69 relative abundance	53.79
70	Less than 2.00% of mass 69	0.33 (0.62)
127	40.00 - 60.00% of mass 198	53.97
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.73
275	10.00 - 30.00% of mass 198	27.78
365	Greater than 1.00% of mass 198	3.58
441	Present, but less than mass 443	10.01
442	Greater than 40.00% of mass 198	68.70
443	17.00 - 23.00% of mass 442	13.14 (19.12)

Data File: \\aussvr02\INS_DATA\MSN1.i\N121307.B\N121301.D

Date : 13-DEC-2007 15:05

Client ID: DFTPP

Instrument: MSN1.i

Sample Info: DFTPP;DFTPP;;;;;;;; SMTuneSTD0003

Operator: GirvicsJ

Column phase: Rtx-5 MS

Column diameter: 0.25

Data File: N121301.D
Spectrum: Avg. Scans 234-236 (6.43), Background Scan 229
Location of Maximum: 198.00
Number of points: 298

m/z	Y	m/z	Y	m/z	Y	m/z	Y
50.00	41616	131.00	1059	208.00	2825	293.00	1350
51.00	137600	132.00	590	209.00	856	294.00	417
52.00	7036	133.00	310	210.00	1316	295.00	113
53.00	352	134.00	1913	211.00	2904	296.00	21120
55.00	949	135.00	4741	213.00	187	297.00	2978
56.00	4372	136.00	2022	214.00	72	298.00	184
57.00	8561	137.00	2215	215.00	1022	301.00	192
58.00	411	138.00	562	216.00	1773	302.00	408
59.00	70	139.00	349	217.00	19288	303.00	2277
60.00	336	140.00	861	218.00	2431	304.00	693
61.00	1761	141.00	8288	219.00	248	308.00	310
62.00	2106	142.00	2639	221.00	13590	309.00	174
63.00	5443	143.00	1794	222.00	569	310.00	223
64.00	786	144.00	491	223.00	4135	313.00	147
65.00	2262	145.00	379	224.00	39816	314.00	996
66.00	263	146.00	1621	225.00	10087	315.00	2295
67.00	227	147.00	4101	226.00	1123	316.00	1169
69.00	129992	148.00	10169	227.00	18816	317.00	189
70.00	809	149.00	1858	228.00	2577	321.00	555
71.00	156	150.00	451	229.00	3402	322.00	225
72.00	61	151.00	1140	230.00	509	323.00	5891
73.00	1478	152.00	654	231.00	1339	324.00	1084
74.00	15925	153.00	2625	232.00	277	325.00	60
75.00	22112	154.00	1809	233.00	283	326.00	73
76.00	8564	155.00	4183	234.00	1230	327.00	1233
77.00	136192	156.00	5943	235.00	1313	328.00	595
78.00	9154	157.00	1171	236.00	940	329.00	58
79.00	12055	158.00	1579	237.00	1268	332.00	494
80.00	8466	159.00	1115	238.00	169	333.00	611
81.00	11098	160.00	2426	239.00	758	334.00	3930
82.00	2589	161.00	3439	240.00	546	335.00	1018
83.00	2224	162.00	1050	241.00	1064	336.00	61
84.00	256	163.00	246	242.00	2132	340.00	115
85.00	1981	164.00	400	243.00	2112	341.00	680
86.00	3671	165.00	3211	244.00	28784	342.00	193

Data File: \\aussvr02\INS_DATA\MSN1.i\N121307.B\N121301.D

Date : 13-DEC-2007 15:05

Client ID: DFTPP

Instrument: MSN1.i

Sample Info: DFTPP;DFTPP;;;;;;;; SMTuneSTD0003

Operator: GirvicsJ

Column phase: Rtx-5 MS

Column diameter: 0.25

Data File: N121301.D

Spectrum: Avg. Scans 234-236 (6.43), Background Scan 229

Location of Maximum: 198.00

Number of points: 298

m/z	Y	m/z	Y	m/z	Y	m/z	Y
87.00	1573	166.00	2394	245.00	4001	346.00	1320
88.00	446	167.00	16568	246.00	7237	347.00	224
89.00	207	168.00	6973	247.00	1405	352.00	1799
90.00	63	169.00	1286	248.00	247	353.00	1233
91.00	2557	170.00	648	249.00	1059	354.00	1904
92.00	3083	171.00	685	250.00	172	355.00	350
93.00	19760	172.00	1420	251.00	203	359.00	76
94.00	1280	173.00	1723	252.00	339	365.00	8659
95.00	415	174.00	3125	253.00	628	366.00	1261
96.00	778	175.00	5829	255.00	147264	370.00	72
98.00	16293	176.00	1665	256.00	21632	371.00	500
99.00	10366	177.00	2940	257.00	1681	372.00	3006
100.00	943	178.00	999	258.00	10455	373.00	819
101.00	5460	179.00	10756	259.00	1667	383.00	778
102.00	307	180.00	7164	260.00	224	384.00	205
103.00	2155	181.00	3222	261.00	258	385.00	67
104.00	4051	182.00	640	263.00	60	390.00	393
105.00	3736	183.00	310	264.00	457	391.00	213
107.00	42616	184.00	955	265.00	4185	392.00	137
108.00	6466	185.00	5570	266.00	672	401.00	134
110.00	71088	186.00	40448	268.00	235	402.00	1301
111.00	11398	187.00	11540	270.00	206	403.00	1495
112.00	1531	188.00	1172	271.00	324	404.00	539
113.00	462	189.00	2981	272.00	443	405.00	54
114.00	54	190.00	529	273.00	4468	421.00	1267
115.00	284	191.00	1196	274.00	12523	422.00	1259
116.00	2857	192.00	3502	275.00	67144	423.00	9690
117.00	45088	193.00	3681	276.00	9351	424.00	1961
118.00	3152	194.00	816	277.00	7046	425.00	154
119.00	367	195.00	442	278.00	1057	437.00	58
120.00	537	196.00	8065	279.00	186	438.00	77
121.00	282	198.00	241664	282.00	156	439.00	114
122.00	3432	199.00	16272	283.00	616	440.00	62
123.00	4829	200.00	1415	284.00	486	441.00	24192
124.00	2252	201.00	1366	285.00	1107	442.00	166016

Data File: \\aussvr02\INS_DATA\MSN1.i\N121307.B\N121301.D

Date : 13-DEC-2007 15:05

Client ID: DFTPP

Instrument: MSN1.i

Sample Info: DFTPP;DFTPP;;;;;;;; SMTuneSTD0003

Operator: GirvicsJ

Column phase: Rtx-5 MS

Column diameter: 0.25

Data File: N121301.D

Spectrum: Avg. Scans 234-236 (6.43), Background Scan 229

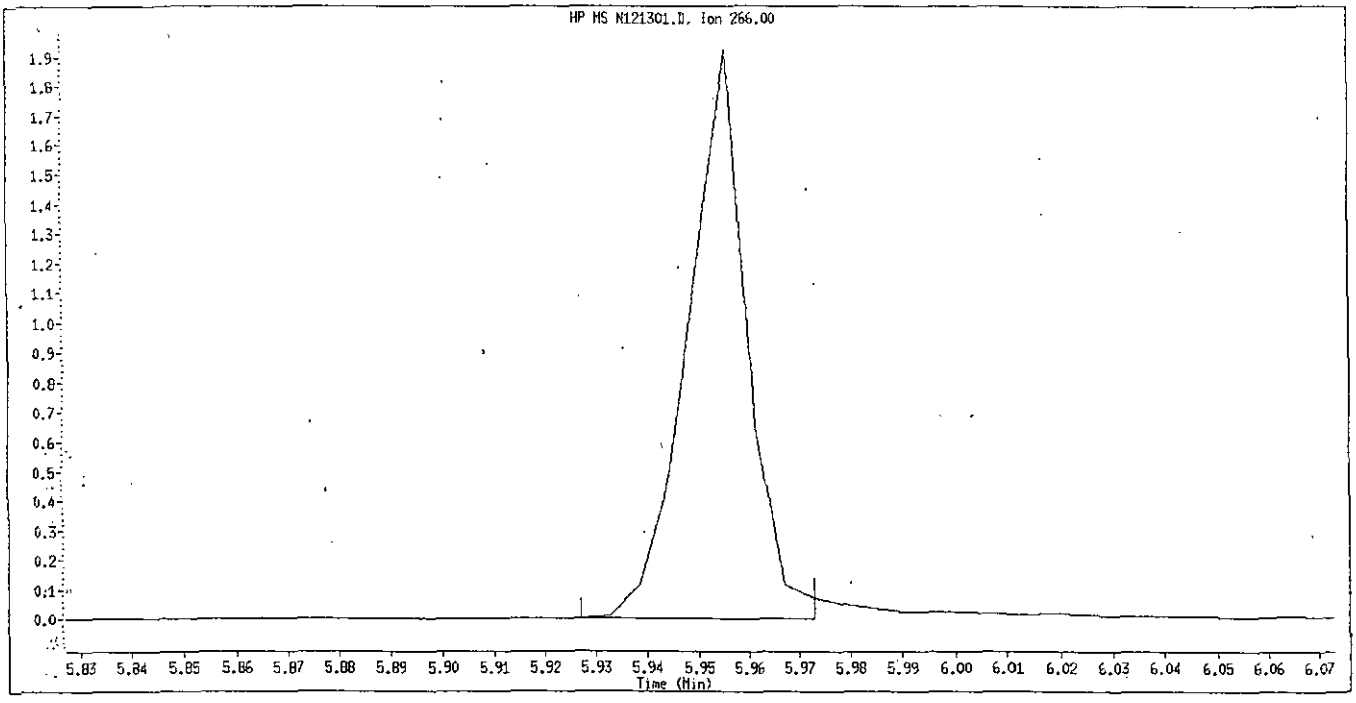
Location of Maximum: 198.00

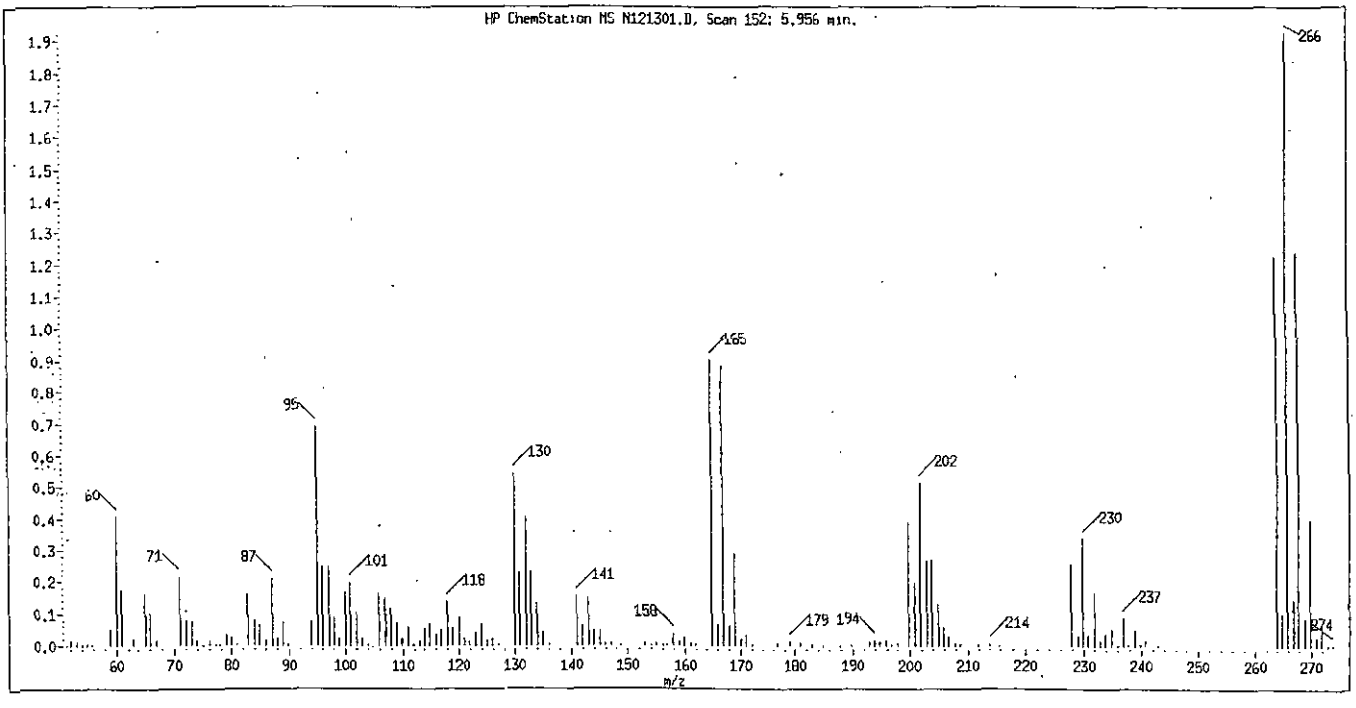
Number of points: 298

m/z	Y	m/z	Y	m/z	Y	m/z	Y
125.00	1949	203.00	2258	286.00	195	443.00	31744
127.00	130424	204.00	10852	289.00	212	444.00	3033
128.00	10732	205.00	17440	290.00	227	445.00	81
129.00	59112	206.00	70560	291.00	71		
130.00	5284	207.00	9300	292.00	282		

Data File: N121301.D
Inj Date: 13-DEC-2007 15:05
Instrument ID: MSN1.i
Compound Name: Pentachlorophenol
Operator Name: GirvicsJ
Report Date: 12/13/2007

TAILING FACTOR

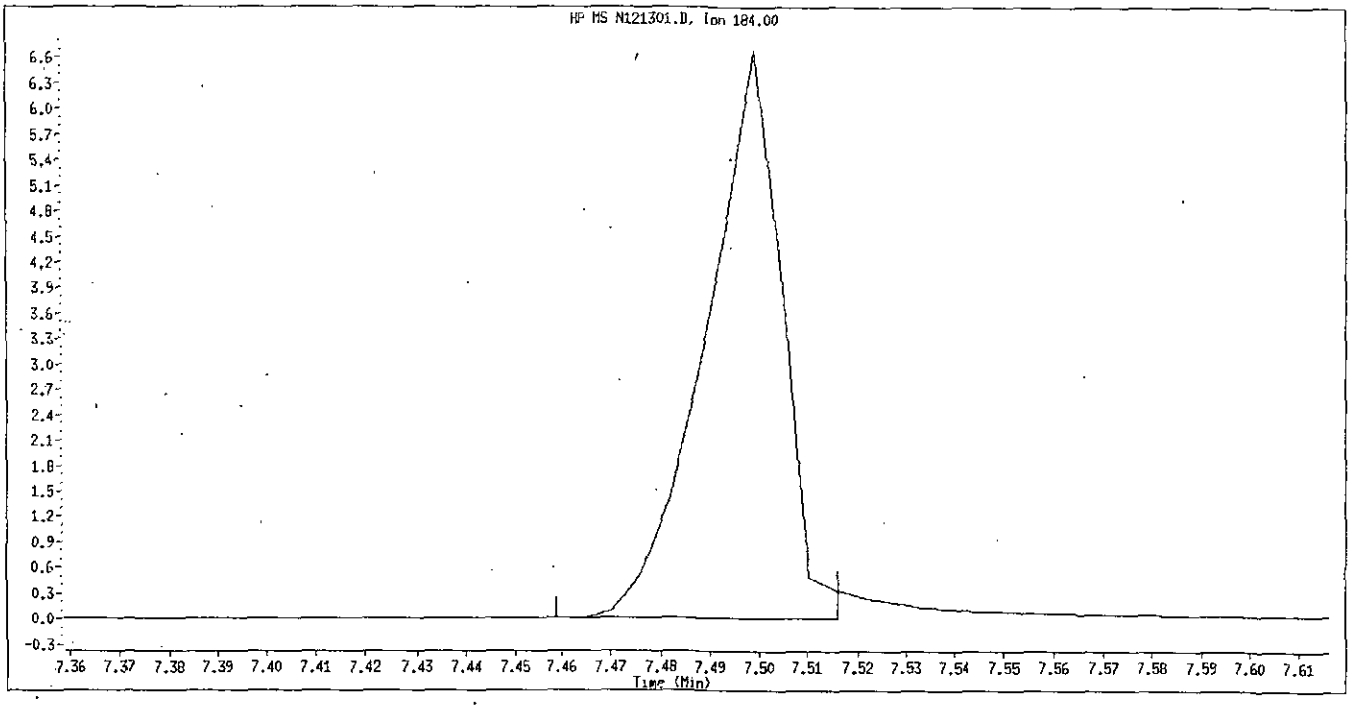


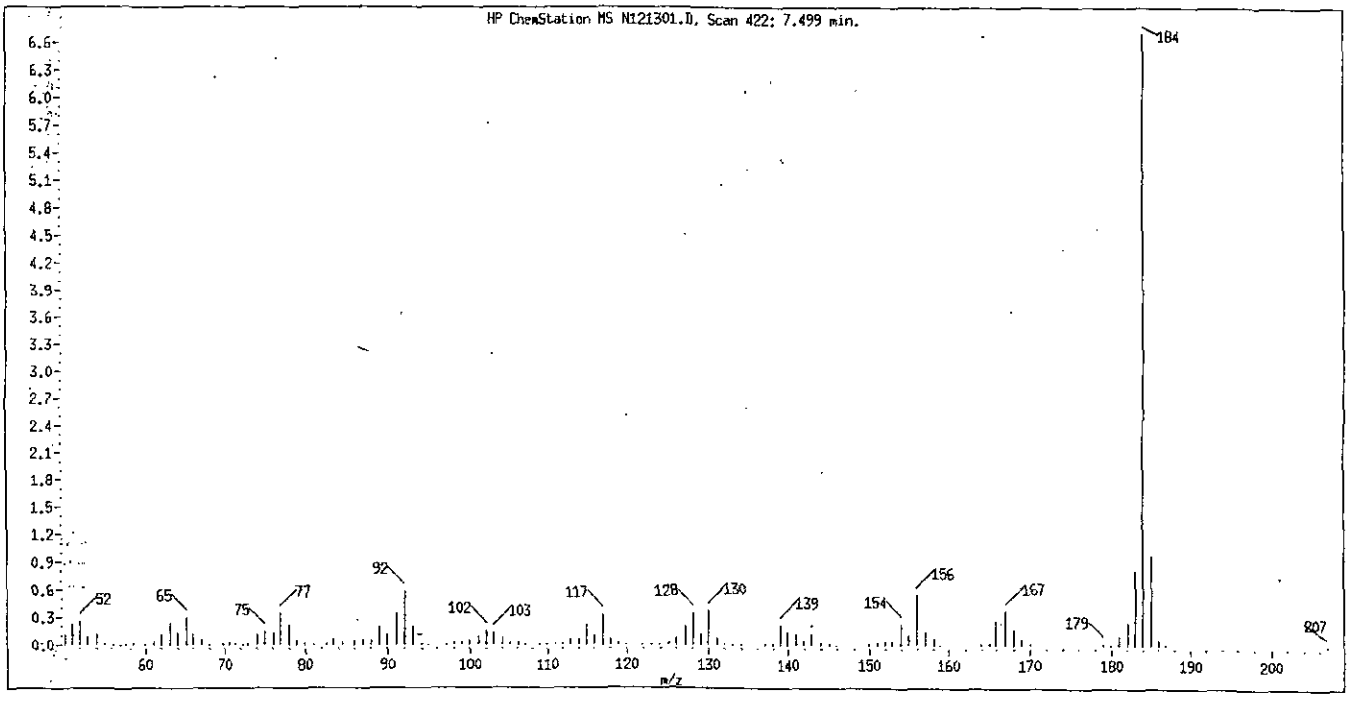


Tailing Factor = 0.665 Good ✓
Acceptance Criteria 0 - 5
Tailing Factor = (T3 - T2) / (T2 - T1)
T1 = 5.939868 T2 = 5.955817 T3 = 5.966427

Data File: N121301.D
Inj Date: 13-DEC-2007 15:05
Instrument ID: MSN1.i
Compound Name: Benzidine
Operator Name: GirvicsJ
Report Date: 12/13/2007

TAILING FACTOR

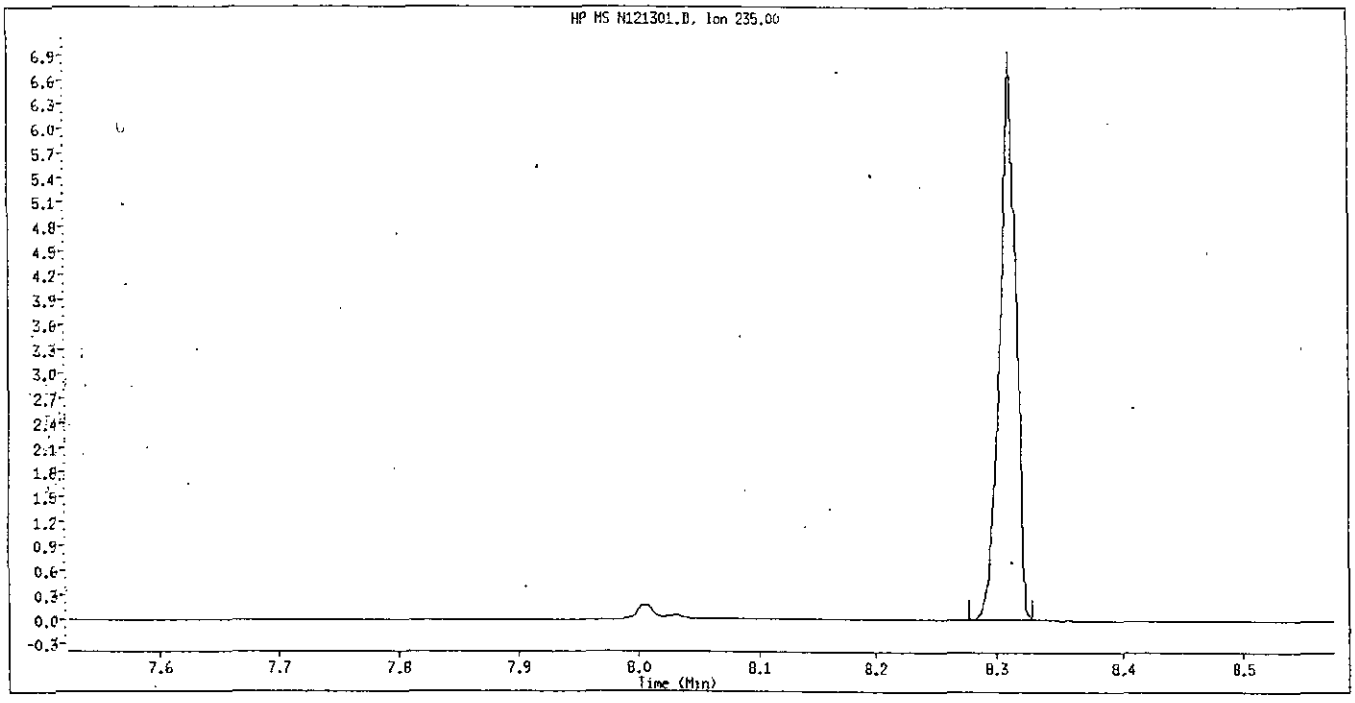




Tailing Factor = 0.511 Good
Acceptance Criteria 0 - 3
Tailing Factor = (T3 - T2) / (T2 - T1)
T1 = 7.477176 T2 = 7.499 T3 = 7.510143

Data File: N121301.D
Inj Date: 13-DEC-2007 15:05
Instrument ID: MSN1.i
Compound Name: 4,4'-DDT
Operator Name: GirvicsJ
Report Date: 12/13/2007

DEGRADATION REPORT



Degradation = 0.845% Good
Acceptance Criteria 0 - 20 %
DDT Area = 604510
DDE Area = 4131
DDD Area = 1018

Data File: \\aussvr02\INS_DATA\MSN1.i\N121307.B\N121302.D Page 1
Report Date: 14-Dec-2007 06:45

TestAmerica Laboratories, Inc.

Method 8270C Semivolatiles

Data file : \\aussvr02\INS_DATA\MSN1.i\N121307.B\N121302.D
Lab Smp Id: Ccalib_5 Client Smp ID: HSL_10
Inj Date : 13-DEC-2007 15:21
Operator : MALLOYM Inst ID: MSN1.i
Smp Info : Ccalib_5;HSL_10;;2;5;3;;;; SMBPHSLCCV_00027
Misc Info : ;2-HSL.sub; IS-SMINTSTDW_00003 (20 uL/1mL)
Comment : SOP NO. : AUS-MS-0005
Method : \\AUSSVR02\INS_DATA\MSN1.i\N121307.B\N1108BP.m
Meth Date : 13-Dec-2007 15:49 malloym Quant Type: ISTD
Cal Date : 04-DEC-2007 16:32 Cal File: N120410.D
Als bottle: 2 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 2-HSL.sub
Target Version: 4.14
Processing Host: AUS21324

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	ON-COL (ug/mL)	REVIEW CODE
*	23 1,4-Dichlorobenzene-d4	152	3.952	3.952	(1.000)	66553	10.0000		Rev
*	50 Naphthalene-d8	136	5.186	5.186	(1.000)	279450	10.0000		Rev
*	91 Acenaphthene-d10	164	6.943	6.943	(1.000)	181902	10.0000		Rev
*	132 Phenanthrene-d10	188	8.444	8.444	(1.000)	357899	10.0000		Rev
*	160 Chrysene-d12	240	11.185	11.185	(1.000)	387248	10.0000		Rev
*	169 Perylene-d12	264	12.852	12.852	(1.000)	289822	10.0000		Rev
$	12 2-Fluorophenol	112	2.787	2.787	(0.705)	132819	15.0000	14.861	Rev
$	15 Phenol-d5	99	3.626	3.626	(0.918)	178939	15.0000	14.814	Rev
$	114 2,4,6-Tribromophenol	330	7.745	7.745	(0.917)	42864	15.0000	13.548	Rev
$	38 Nitrobenzene-d5	82	4.486	4.486	(0.865)	124792	10.0000	10.145	Rev
$	75 2-Fluorobiphenyl	172	6.260	6.260	(0.902)	231122	10.0000	9.5412	Rev
$	147 Terphenyl-d14	244	10.047	10.047	(0.898)	320426	10.0000	9.6161	Rev
	3 Bis (chloromethyl) ether	79	1.468	1.468	(0.371)	85619	10.0000	9.4727	Rev
	4 N-Nitrosodimethylamine	74	1.628	1.628	(0.412)	58031	10.0000	9.6084	Rev
	5 Pyridine	79	1.665	1.665	(0.421)	101641	10.0000	9.5588	Rev
	16 Phenol	94	3.637	3.637	(0.920)	145771	10.0000	9.7992	Rev
	18 Aniline	93	3.658	3.658	(0.926)	158368	10.0000	9.0277	Rev
	19 bis(2-Chloroethyl)ether	63	3.711	3.711	(0.939)	86563	10.0000	9.3476	Rev
	21 2-Chlorophenol	128	3.770	3.770	(0.954)	101999	10.0000	10.060	Rev
	22 1,3-Dichlorobenzene	146	3.898	3.898	(0.986)	105695	10.0000	10.182	Rev
	24 1,4-Dichlorobenzene	146	3.968	3.968	(1.004)	113639	10.0000	10.088	Rev
	27 1,2-Dichlorobenzene	146	4.112	4.112	(1.041)	105389	10.0000	10.332	Rev
	25 Benzyl Alcohol	108	4.091	4.091	(1.035)	68679	10.0000	9.9092	Rev
	29 bis(2-Chloroisopropyl)ether	45	4.208	4.208	(1.065)	190549	10.0000	9.5536	Rev
	28 2-Methylphenol	108	4.192	4.192	(1.061)	96868	10.0000	10.254	Rev
	30 3-(and/or 4-)Methylphenol	108	4.347	4.347	(1.100)	106769	10.0000	10.860	Rev
	33 N-Nitroso-di-n-propylamine	70	4.342	4.342	(1.099)	96909	10.0000	10.605	Rev
	37 Hexachloroethane	117	4.433	4.433	(1.122)	47605	10.0000	10.618	Rev
	39 Nitrobenzene	77	4.507	4.507	(0.869)	143971	10.0000	10.274	Rev
	41 Isophorone	82	4.742	4.742	(0.915)	203673	10.0000	9.9891	Rev
	43 2-Nitrophenol	139	4.812	4.812	(0.928)	54061	10.0000	9.8357	Rev
	42 2,4-Dimethyphenol	107	4.855	4.855	(0.936)	121398	10.0000	10.027	Rev
	45 Benzoic Acid	122	5.004	5.004	(0.965)	39741	10.0000	8.1446	Rev

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Data File: \\aussvr02\INS_DATA\MSN1.i\N121307.B\N121302.D Page 2
Report Date: 14-Dec-2007 06:45

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)	REVIEW CODE
46	Bis(2-chloroethoxy)methane	93	4.940	4.940	(0.953)	121501	10.0000	9.8407	Rev
47	2,4-Dichlorophenol	162	5.058	5.058	(0.975)	78935	10.0000	10.080	Rev
49	1,2,4-Trichlorobenzene	180	5.127	5.127	(0.989)	88943	10.0000	10.047	Rev
51	Naphthalene	128	5.207	5.207	(1.004)	323090	10.0000	10.121	Rev
52	4-Chloroaniline	127	5.261	5.261	(1.014)	118004	10.0000	10.148	Rev
55	Hexachlorobutadiene	225	5.319	5.319	(1.026)	62136	10.0000	10.827	Rev
63	4-Chloro-3-Methylphenol	107	5.752	5.752	(1.109)	107542	10.0000	10.262	Rev
67	2-Methylnaphthalene	142	5.891	5.891	(1.136)	201782	10.0000	9.9776	Rev
68	1-Methylnaphthalene	142	5.992	5.992	(1.156)	206516	10.0000	10.124	Rev
69	Hexachlorocyclopentadiene	237	6.041	6.041	(0.870)	18096	10.0000	5.5924	Rev
72	2,4,6-Trichlorophenol	196	6.179	6.179	(0.890)	57549	10.0000	9.4461	Rev
74	2,4,5-Trichlorphenol	196	6.228	6.228	(0.897)	62276	10.0000	8.2868	Rev
78	2-Chloronaphthalene	127	6.382	6.382	(0.919)	96726	10.0000	10.062	Rev
80	2-Nitroaniline	65	6.495	6.495	(0.935)	88595	10.0000	10.158	Rev
82	1,4-Dinitrobenzene	168	6.639	6.639	(0.956)	34824	10.0000	9.2778	Rev
83	Dimethylphthalate	163	6.682	6.682	(0.962)	242959	10.0000	9.9407	Rev
85	2,6-Dinitrotoluene	165	6.740	6.740	(0.971)	55651	10.0000	9.6728	Rev
84	1,3-Dinitrobenzene	168	6.719	6.719	(0.968)	40501	10.0000	9.8443	Rev
86	Acenaphthylene	152	6.804	6.804	(0.980)	355592	10.0000	10.266	Rev
89	3-Nitroaniline	138	6.917	6.917	(0.996)	54289	10.0000	9.7808	Rev
92	Acenaphthene	153	6.981	6.981	(1.005)	218619	10.0000	9.9988	Rev
93	2,4-Dinitrophenol	184	7.023	7.023	(1.012)	18910	10.0000	9.1028	Rev
94	4-Nitrophenol	109	7.114	7.114	(1.025)	39591	10.0000	8.2641	Rev
96	2,4-Dinitrotoluene	165	7.146	7.146	(1.029)	87680	10.0000	10.774	Rev
97	Dibenzofuran	168	7.152	7.152	(1.030)	328890	10.0000	10.736	Rev
99	2,3,5,6-Tetrachlorophenol	232	7.237	7.237	(1.042)	46654	10.0000	8.3959	Rev
101	2,3,4,6-tetrachlorophenol	232	7.280	7.280	(1.048)	55009	10.0000	9.1609	Rev
103	Diethylphthalate	149	7.381	7.381	(1.063)	277670	10.0000	10.538	Rev
105	4-Chlorophenyl-phenylether	204	7.494	7.494	(1.079)	152045	10.0000	11.168	Rev
107	Fluorene	166	7.499	7.499	(1.080)	291755	10.0000	11.365	Rev
109	4,6-Dinitro-2-methylphenol	198	7.563	7.563	(0.896)	41978	10.0000	8.4170	Rev
108	4-Nitroaniline	138	7.542	7.542	(1.086)	55459	10.0000	9.5318	Rev
110	N-Nitrosodiphenylamine/DPA	169	7.622	7.622	(1.098)	220425	10.0000	10.215	Rev
111	Azobenzene	77	7.654	7.654	(0.906)	335864	10.0000	10.173	Rev
122	4-Bromophenyl-phenylether	248	7.985	7.985	(0.946)	75314	10.0000	10.338	Rev
123	Hexachlorobenzene	284	8.049	8.049	(0.953)	74923	10.0000	10.479	Rev
127	Pentachlorophenol	266	8.258	8.258	(0.978)	22515	10.0000	9.0577	Rev
133	Phenanthrene	178	8.471	8.471	(1.003)	390827	10.0000	10.073	Rev
134	Anthracene	178	8.525	8.525	(1.009)	377364	10.0000	10.132	Rev
135	Carbazole	167	8.690	8.690	(1.029)	329920	10.0000	9.8366	Rev
137	Di-n-Butylphthalate	149	9.021	9.021	(1.068)	483196	10.0000	9.2252	Rev
142	Fluoranthene	202	9.668	9.668	(1.145)	425251	10.0000	10.409	Rev
144	Benzidine	184	9.807	9.807	(0.877)	200552	10.0000	8.7718	Rev
145	Pyrene	202	9.903	9.903	(0.885)	439790	10.0000	9.5415	Rev
152	Butylbenzylphthalate	149	10.544	10.544	(0.943)	216123	10.0000	8.9570	Rev
158	3,3'-Dichlorobenzidine	252	11.142	11.142	(0.996)	140820	10.0000	7.9620	Rev
159	Benzo(a)anthracene	228	11.169	11.169	(0.999)	513022	10.0000	11.090	Rev
156	bis(2-Ethylhexyl)phthalate	149	11.169	11.169	(0.999)	387842	10.0000	9.9094	Rev
161	Chrysene	228	11.217	11.217	(1.003)	370109	10.0000	8.7533	Rev
162	Di-n-octylphthalate	149	11.928	11.928	(0.928)	478976	10.0000	8.8170	Rev
166	Benzo(b)fluoranthene	252	12.408	12.408	(0.966)	383590	10.0000	10.470	Rev
167	Benzo(k)fluoranthene	252	12.446	12.446	(0.968)	420689	10.0000	10.404	Rev
168	Benzo(a)pyrene	252	12.788	12.788	(0.995)	346889	10.0000	10.198	Rev
173	Indeno(1,2,3-cd)pyrene	276	14.118	14.118	(1.099)	384231	10.0000	10.017	Rev

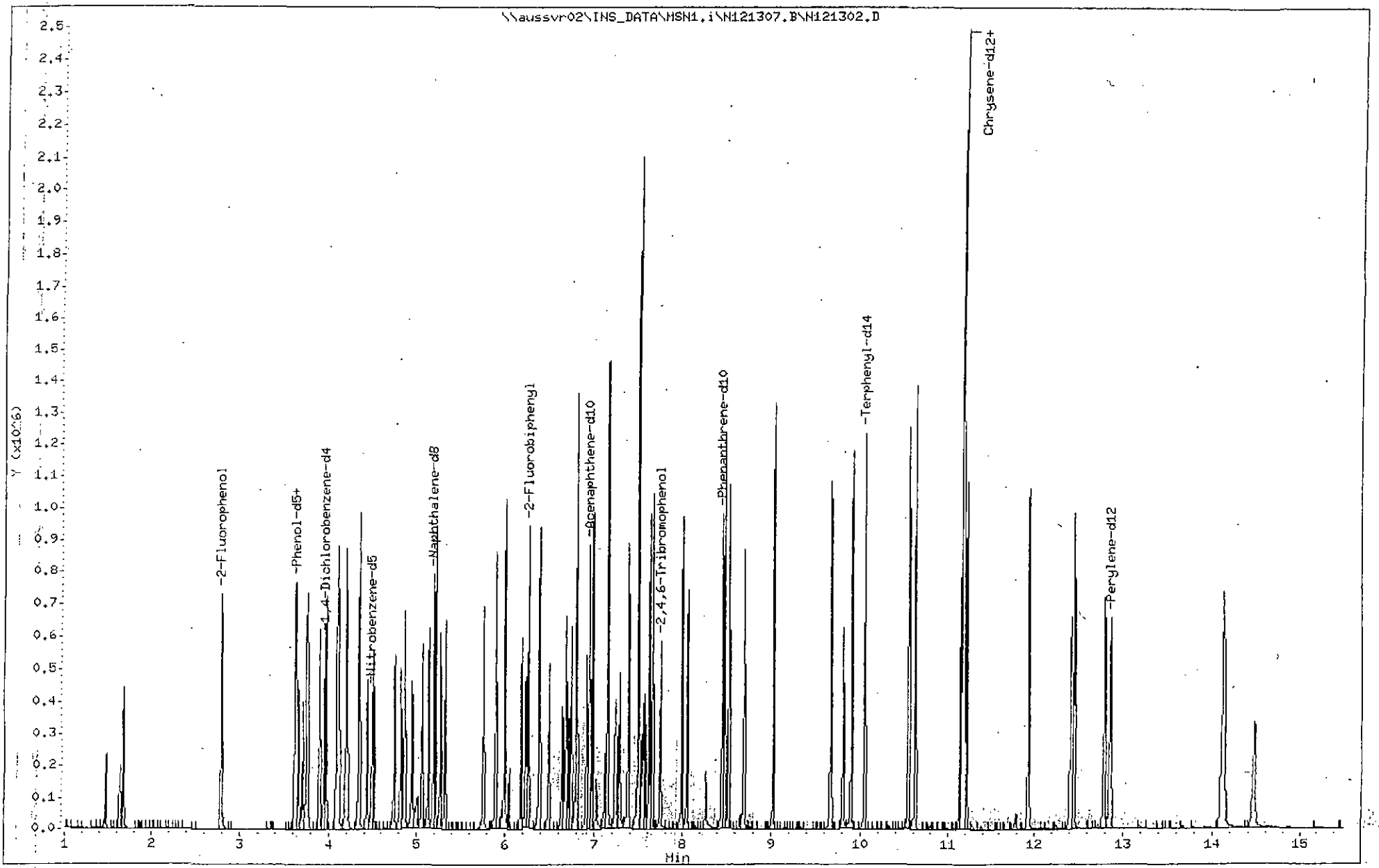
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)	REVIEW CODE
174 Dibenz(a,h)anthracene	278	14.134	14.134	(1.100)	332188	10.0000	9.0323	Rev
176 Benzo(g,h,i)perylene	276	14.476	14.476	(1.126)	274167	10.0000	9.0460	Rev

Data File: \\aussvr02\INS_DATA\MSN1.i\N121307.B\N121302.D
Date : 13-DEC-2007 15:21
Client ID: HSL_10
Sample Info: Coalib_5;HSL_10;;2;5;3;;;; SMBPHSLCCV_00027

Column phase: DB5.625

Instrument: MSN1.i

Operator: MALLOYM
Column diameter: 0.18



Data File: \\aussvr02\INS_DATA\MSN1.i\N121307.B\N121303.D Page 1
Report Date: 14-Dec-2007 06:46

TestAmerica Laboratories, Inc.

Method 8270C Semivolatiles

Data file : \\aussvr02\INS_DATA\MSN1.i\N121307.B\N121303.D
Lab Smp Id: Ccalib_5 Client Smp ID: AP9_10
Inj Date : 13-DEC-2007 15:45
Operator : MALLOYM Inst ID: MSN1.i
Smp Info : Ccalib_5;AP9_10;;2;5;3;;;; SMBPAP9CCV_00026
Misc Info : ;3-AP9.sub; IS-SMINTSTDW_00003 (20 uL/1mL)
Comment : SOP NO. : AUS-MS-0005
Method : \\aussvr02\INS_DATA\MSN1.i\N121307.B\N1108BP.m
Meth Date : 14-Dec-2007 06:45 malloym Quant Type: ISTD
Cal Date : 04-DEC-2007 16:32 Cal File: N120410.D
Als bottle: 3 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 3-AP9.sub
Target Version: 4.14
Processing Host: AUS4K7MV21

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	ON-COL (ug/mL)	REVIEW CODE
* 23 1,4-Dichlorobenzene-d4	152	3.952	3.952	(1.000)	54338	10.0000		Rev
* 50 Naphthalene-d8	136	5.186	5.186	(1.000)	221583	10.0000		Rev
* 91 Acenaphthene-d10	164	6.938	6.938	(1.000)	173797	10.0000		Rev
* 132 Phenanthrene-d10	188	8.445	8.445	(1.000)	311219	10.0000		Rev
* 160 Chrysene-d12	240	11.175	11.175	(1.000)	267665	10.0000		Rev
* 169 Perylene-d12	264	12.847	12.847	(1.000)	232882	10.0000		Rev
1 2-Ethoxyethanol	59	1.361	1.361	(0.345)	46854	10.0000	8.5187	Rev
2 1,4-Dioxane	88	1.356	1.356	(0.343)	34143	10.0000	9.6689	Rev
6 N,N-Dimethylformamide	73	1.960	1.960	(0.496)	51934	10.0000	9.1693	Rev
7 Propyl cellosolve	43	2.173	2.173	(0.550)	101421	10.0000	8.8723	Rev
8 2-Picoline	93	2.280	2.280	(0.577)	85375	10.0000	9.4904	Rev
9 N-Nitrosomethylethylamine	88	2.376	2.376	(0.601)	35657	10.0000	9.4424	Rev
10 Acrylamide	71	2.675	2.675	(0.677)	30016	10.0000	8.7809(Q)	Rev
11 Methyl methanesulfonate	80	2.638	2.638	(0.668)	51597	10.0000	10.039	Rev
13 N-Nitrosodiethylamine	102	2.980	2.980	(0.754)	39508	10.0000	9.6197	Rev
14 Ethyl methanesulfonate	79	3.247	3.247	(0.822)	66786	10.0000	9.6509	Rev
20 Pentachloroethane	117	3.690	3.690	(0.934)	29257	10.0000	9.9223	Rev
26 1-Methyl-2-pyrrolidone	99	4.096	4.096	(1.036)	46449	10.0000	9.1749	Rev
34 Acetophenone	105	4.342	4.342	(1.099)	129607	10.0000	9.8074	Rev
31 N-Nitrosopyrrolidine	100	4.331	4.331	(1.096)	41291	10.0000	9.1250	Rev
35 N-Nitrosomorpholine	56	4.364	4.364	(1.104)	76510	10.0000	10.205	Rev
36 o-Toluidine	106	4.374	4.374	(1.107)	137008	10.0000	9.3818	Rev
40 N-Nitrosopiperidine	114	4.652	4.652	(0.897)	39246	10.0000	10.000	Rev
44 o,o,o-Triethylphosphorothioat	198	4.908	4.908	(0.946)	46017	10.0000	9.8551	Rev
48 a,a-Dimethylphenethylamine	58	5.085	5.085	(0.980)	191406	10.0000	11.145	Rev
53 2,6-Dichlorophenol	162	5.272	5.272	(1.016)	61236	10.0000	10.188	Rev
54 Hexachloropropene	213	5.288	5.288	(1.020)	59224	10.0000	9.3095	Rev
57 N-Nitroso-di-n-butylamine	84	5.592	5.592	(1.078)	86312	10.0000	11.493	Rev
60 Caprolactum	113	5.619	5.619	(1.083)	27897	10.0000	10.572	Rev
61 p-Phenylenediamine	108	5.619	5.619	(1.083)	73835	10.0000	12.426(Q)	Rev
65 Safrole	162	5.801	5.801	(1.118)	68906	10.0000	9.9655	Rev
70 1,2,4,5-Tetrachlorobenzene	216	6.057	6.057	(0.873)	80404	10.0000	8.1673	Rev
71 Isosafrole #1	162	6.089	6.089	(0.878)	9704	10.0000		Rev

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Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)	REVIEW CODE
76 Isosafrole #2	162	6.324	6.324	(0.911)	68381	10.0000		Rev
77 Biphenyl	154	6.362	6.362	(0.917)	222968	10.0000	8.1041	Rev
79 Diphenyl ether	170	6.463	6.463	(0.931)	119265	10.0000	7.9079	Rev
81 1,4-Naphthoquinone	158	6.565	6.565	(0.946)	48783	10.0000	7.7282	Rev
90 Dimethyl terephthalate	163	6.938	6.938	(1.000)	200740	10.0000	9.5483	Rev
95 Pentachlorobenzene	250	7.104	7.104	(1.024)	73081	10.0000	8.2984	Rev
100 1-Naphthylamine	143	7.232	7.232	(1.042)	153243	10.0000	8.1759	Rev
102 2-Naphthylamine	143	7.312	7.312	(1.054)	145030	10.0000	8.5844	Rev
104 Thionazin	97	7.457	7.457	(1.075)	50917	10.0000	8.5772	Rev
106 5-Nitro-o-toluidine	152	7.515	7.515	(1.083)	50264	10.0000	7.8241	Rev
112 Sulfotepp	97	7.766	7.766	(0.920)	45206	10.0000	9.1234	Rev
116 Atrazine	200	8.156	8.156	(2.064)	53591	10.0000	10.982	Rev
117 1,3,5-Trinitrobenzene	213	7.905	7.905	(0.936)	22826	10.0000	7.7065	Rev
118 Diallate #1	234	7.900	7.900	(0.935)	34911	10.0000		Rev
119 Phenacetin	108	7.943	7.943	(0.941)	121721	10.0000	8.7746	Rev
120 Phorate	75	7.911	7.911	(0.937)	221660	10.0000	13.073	Rev
121 Dialate #2	234	7.986	7.986	(0.946)	9500	10.0000		Rev
124 Dimethoate	87	8.098	8.098	(0.959)	60592	10.0000	8.3338	Rev
126 4-Aminobiphenyl	169	8.253	8.253	(0.977)	200156	10.0000	10.239	Rev
129 Pronamide	173	8.311	8.311	(0.984)	100752	10.0000	8.4077	Rev
128 Pentachloronitrobenzene	295	8.258	8.258	(0.978)	11824	10.0000	8.6552	Rev
130 Dinoseb	211	8.434	8.434	(0.999)	37299	10.0000	8.7640	Rev
131 Disulfoton	88	8.440	8.440	(0.999)	132294	10.0000	8.8626	Rev
136 Methyl parathion	109	8.814	8.814	(1.044)	56547	10.0000	8.9340	Rev
138 Parathion	109	9.209	9.209	(1.090)	48755	10.0000	8.4238	Rev
139 4-Nitroquinoline-1-oxide	190	9.257	9.257	(1.096)	5434	10.0000	5.6733	Rev
140 Methapyrilene	58	9.310	9.310	(1.102)	32164	10.0000	8.0155	Rev
141 Isodrin	193	9.508	9.508	(1.126)	36275	10.0000	8.8059	Rev
146 Aramite #1	185	10.021	10.021	(0.897)	17803	10.0000		Rev
148 Aramite #2	185	10.096	10.096	(0.903)	22227	10.0000		Rev
149 4-Dimethylaminoazobenzene	120	10.192	10.192	(0.912)	103869	10.0000	9.1794	Rev
150 Chlorobenzilate	251	10.235	10.235	(0.916)	105724	10.0000	8.7173	Rev
151 Famphur	218	10.486	10.486	(0.938)	36554	10.0000	9.1384(H)	Rev
154 Kepone	272	10.587	10.587	(0.947)	7997	10.0000	10.606	Rev
153 3,3'-Dimethylbenzidine	212	10.539	10.539	(0.943)	83880	10.0000	10.500	Rev
155 2-Acetylaminofluorene	181	10.822	10.822	(0.968)	139425	10.0000	9.3413	Rev
165 7,12-Dimethylbenz(a)anthracen	256	12.387	12.387	(0.964)	155305	10.0000	9.0282	Rev
170 3-MethylCholanthrene	268	13.173	13.173	(1.025)	146314	10.0000	8.8096	Rev
157 4,4-Methylenebis(2-chloroa	266	11.132	11.132	(0.996)	26299	10.0000	10.122	Rev
172 Dibenz(a,j)acridine	279	13.867	13.867	(1.079)	207431	10.0000	9.5167	Rev
M 181 Diallate (total)	86				44411	10.0000	9.3287	Rev
M 182 Aramite (total)	185				40030	10.0000	10.515	Rev
M 180 Isosafrol (cis + trans)	100				78085	10.0000	8.0395	Rev

QC Flag Legend

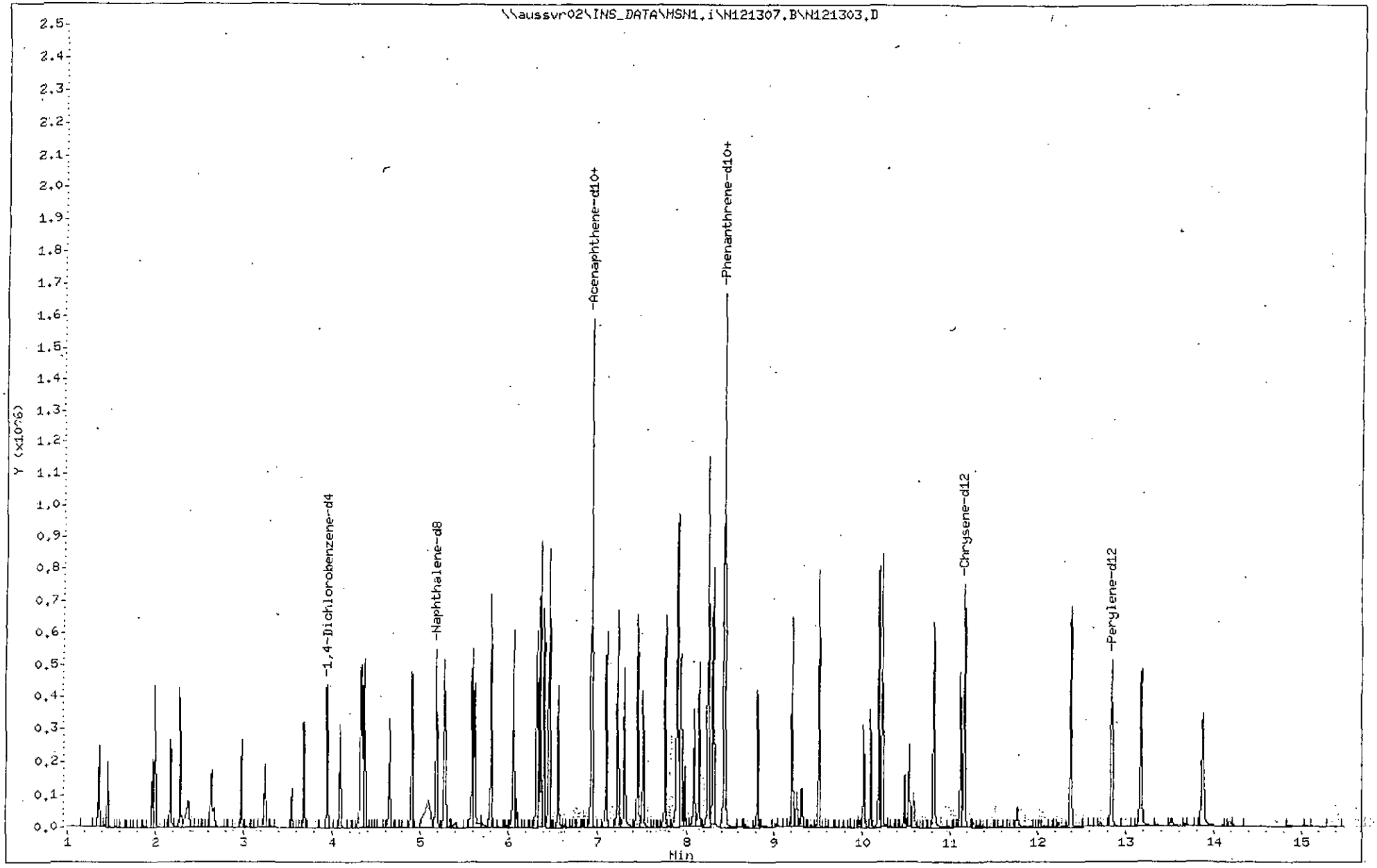
Q - Qualifier signal failed the ratio test.
H - Operator selected an alternate compound hit.

Data File: \\aussvr02\INS_DATA\MSN1.i\N121307.B\N121303.D
Date : 13-DEC-2007 15:45
Client ID: AP9_10
Sample Info: Ccalib_5;AP9_10;;2;5;3;;;; SMBPAP9CCV_00026

Column phase: DB5.625

Instrument: MSN1.i

Operator: MALLOYN
Column diameter: 0.18



Data File: \\aussvr02\INS_DATA\MSN1.i\N121307.B\N121322.D Page 1
Report Date: 15-Dec-2007 14:32

TestAmerica Laboratories, Inc.

Method 8270C Semivolatiles

Data file : \\aussvr02\INS_DATA\MSN1.i\N121307.B\N121322.D
Lab Smp Id: KDG1R2AD Client Smp ID: NE3 MW-30B
Inj Date : 13-DEC-2007 22:17
Operator : MALLOYM Inst ID: MSN1.i
Smp Info : KDG1R2AD;I7L050202-001;5;0;;1;1040;;5000;
Misc Info : ;2-hs1.sub; IS-SMINTSTDW_00003 ;7341534
Comment : SOP NO. : AUS-MS-0005
Method : \\aussvr02\INS_DATA\MSN1.i\N121307.B\N1108BP.M
Meth Date : 14-Dec-2007 11:15 malloym Quant Type: ISTD
Cal Date : 04-DEC-2007 16:32 Cal File: N120410.D
Als bottle: 22
Dil Factor: 5.00000
Integrator: HP RTE Compound Sublist: 2-HSL.SUB
Target Version: 4.14

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	5.000	Dilution Factor
Vt	5000.000	Final volume of the extract (uL)
Vo	1040.000	Volume of sample extracted (mL)
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/L)	REVIEW CODE
* 23 1,4-Dichlorobenzene-d4	152	3.953	3.952	(1.000)	41136	10.0000		Rev
* 50 Naphthalene-d8	136	5.182	5.186	(1.000)	185483	10.0000		Rev
* 91 Acenaphthene-d10	164	6.940	6.938	(1.000)	113809	10.0000		Rev
* 132 Phenanthrene-d10	188	8.441	8.445	(1.000)	220081	10.0000		Rev
* 160 Chrysene-d12	240	11.171	11.175	(1.000)	193006	10.0000		Rev
* 169 Perylene-d12	264	12.837	12.847	(1.000)	166493	10.0000		Rev
$ 12 2-Fluorophenol	112	2.794	2.787	(0.707)	12867	2.32916	55.989	Rev
$ 15 Phenol-d5	99	3.628	3.626	(0.918)	16764	2.24540	53.976	Rev
$ 114 2,4,6-Tribromophenol	330	7.736	7.745	(0.916)	4614	3.07715	73.970	Rev
$ 38 Nitrobenzene-d5	82	4.482	4.486	(0.865)	15219	1.86402	44.808	Rev
$ 75 2-Fluorobiphenyl	172	6.251	6.260	(0.901)	23173	1.52899	36.754	Rev
$ 147 Terphenyl-d14	244	10.038	10.047	(0.899)	26588	1.60095	38.484	Rev
5 Pyridine	79	1.576	1.665	(0.399)	279	0.04245	1.0204(Q)	Rev
16 Phenol	94	3.644	3.637	(0.922)	2684	0.29191	7.0170(QH)	Rev
28 2-Methylphenol	108	4.199	4.192	(1.062)	40588	6.95135	167.10	Rev
30 3-(and/or 4-)Methylphenol	108	4.354	4.347	(1.101)	65256	10.7391	258.15	Rev
42 2,4-Dimethyphenol	107	4.862	4.855	(0.938)	41567	5.17259	124.34	Rev
45 Benzoic Acid	122	4.995	5.004	(0.964)	29618	9.06034	217.80(Q)	Rev
51 Naphthalene	128	5.204	5.207	(1.004)	196820	9.28945	223.30	Rev
67 2-Methylnaphthalene	142	5.887	5.891	(1.136)	8347	0.62183	14.948	Rev
68 1-Methylnaphthalene	142	5.989	5.992	(1.156)	5748	0.42454	10.205	Rev
97 Dibenzofuran	168	7.143	7.152	(1.029)	2976	0.15527	3.7325(a)	Rev
107 Fluorene	166	7.490	7.499	(1.079)	2122	0.13212	3.1759(a)	Rev

12-15-7
JC

Data File: \\aussvr02\INS_DATA\MSN1.i\N121307.B\N121322.D Page 2
Report Date: 15-Dec-2007 14:32

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/L)	REVIEW CODE
133 Phenanthrene	178	8.457	8.471	(1.002)	4664	0.19549	4.6992(a)	Rev
134 Anthracene	178	8.500	8.525	(1.007)	513	0.02240	0.53844(aQ)	Rev
135 Carbazole	167	8.676	8.690	(1.028)	16204	0.78567	18.886	Rev
142 Fluoranthene	202	9.659	9.668	(1.144)	622	0.02476	0.59516(aQ)	Rev
156 bis(2-Ethylhexyl)phthalate	149	11.165	11.169	(1.000)	1210	0.62414	15.003	Rev

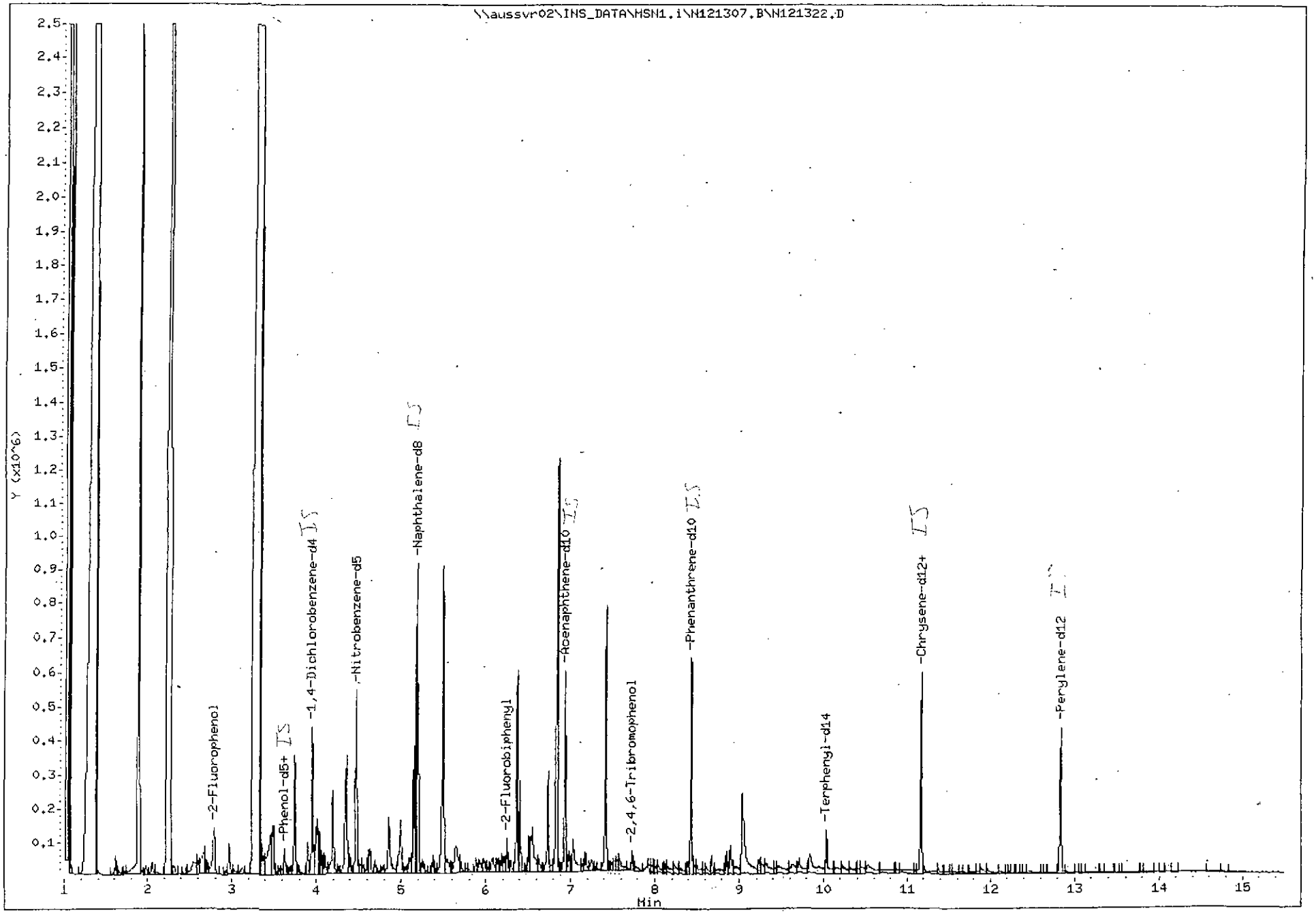
QC Flag Legend

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

Data File: \\aussvr02\INS_DATA\MSN1.i\N121307.B\N121322.D
Date : 13-DEC-2007 22:17

Page 1

Sample Info: KDG1R2AD;I7L050202-001;5;0;;1;1040;;5000;



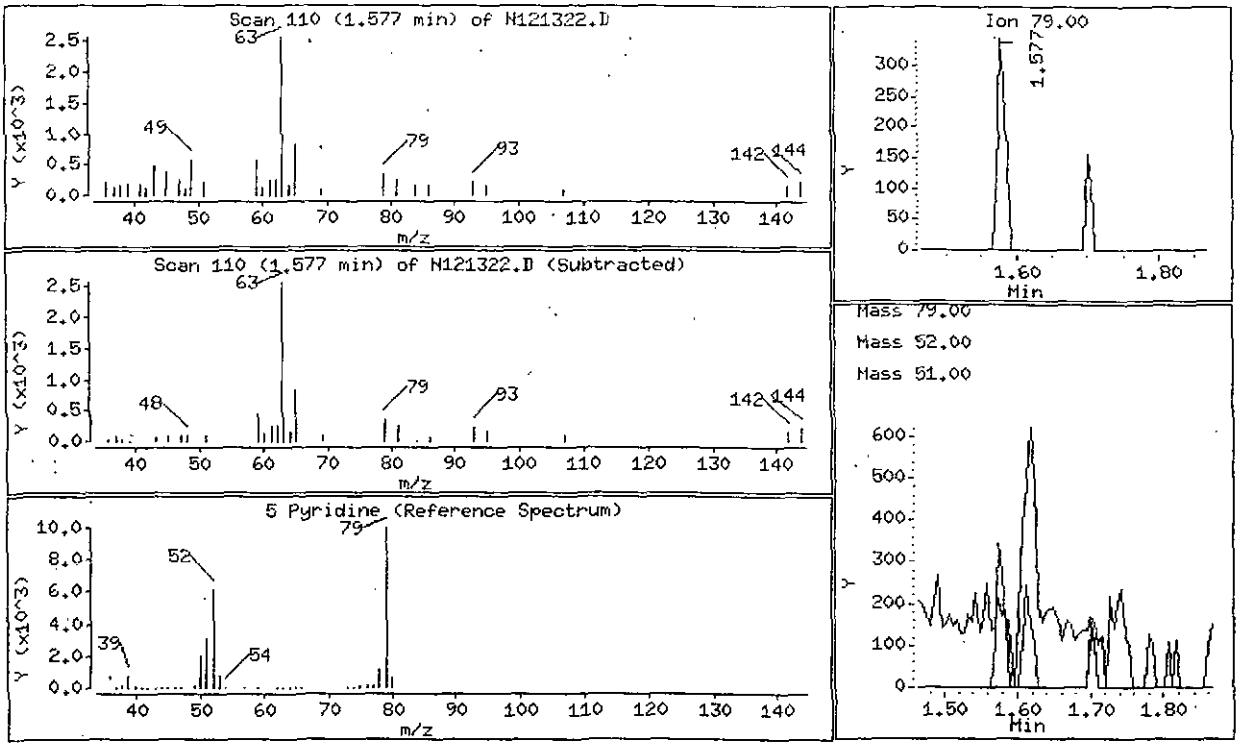
Data File: \\aussvr02\INS_DATA\MSN1.i\N121307.B\N121322.D

Date : 13-DEC-2007 22:17

Sample Info: KDC1R2AD;I7L050202-001;5;0;;1;1040;;5000;

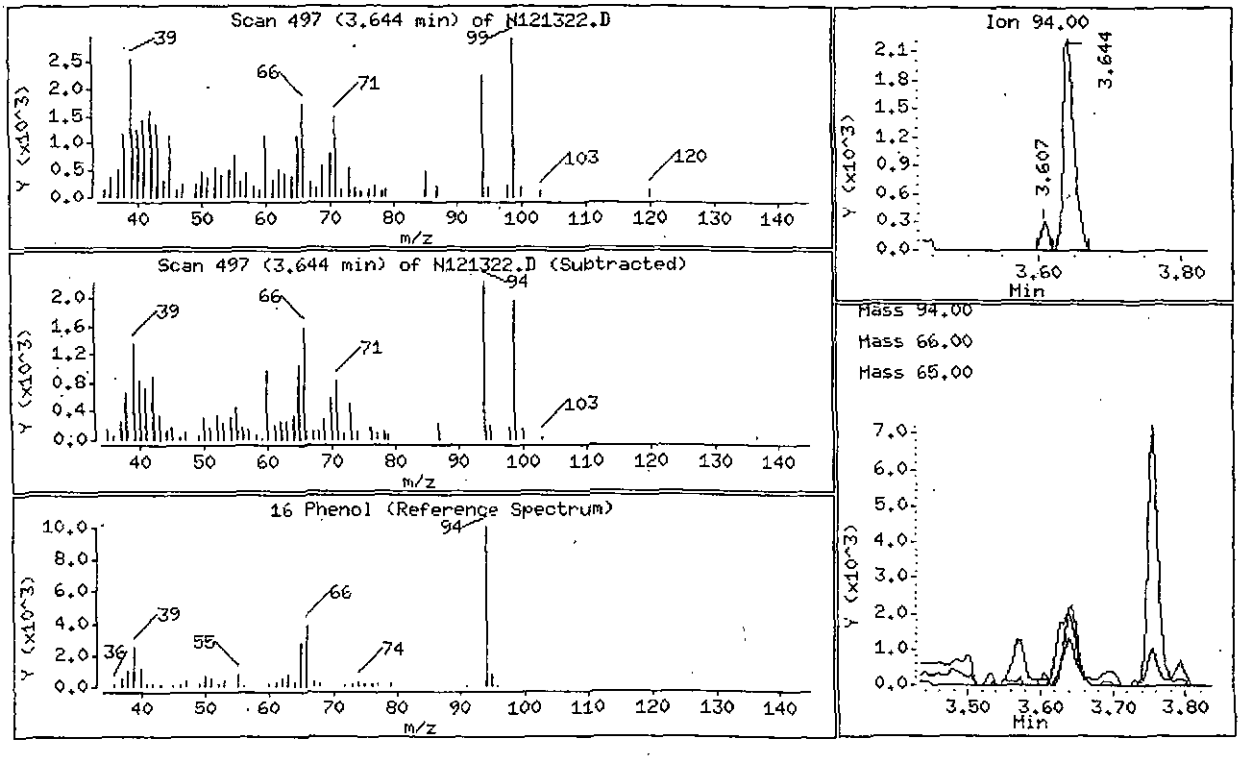
5 Pyridine

Concentration: 1.0204 ug/L



16 Phenol

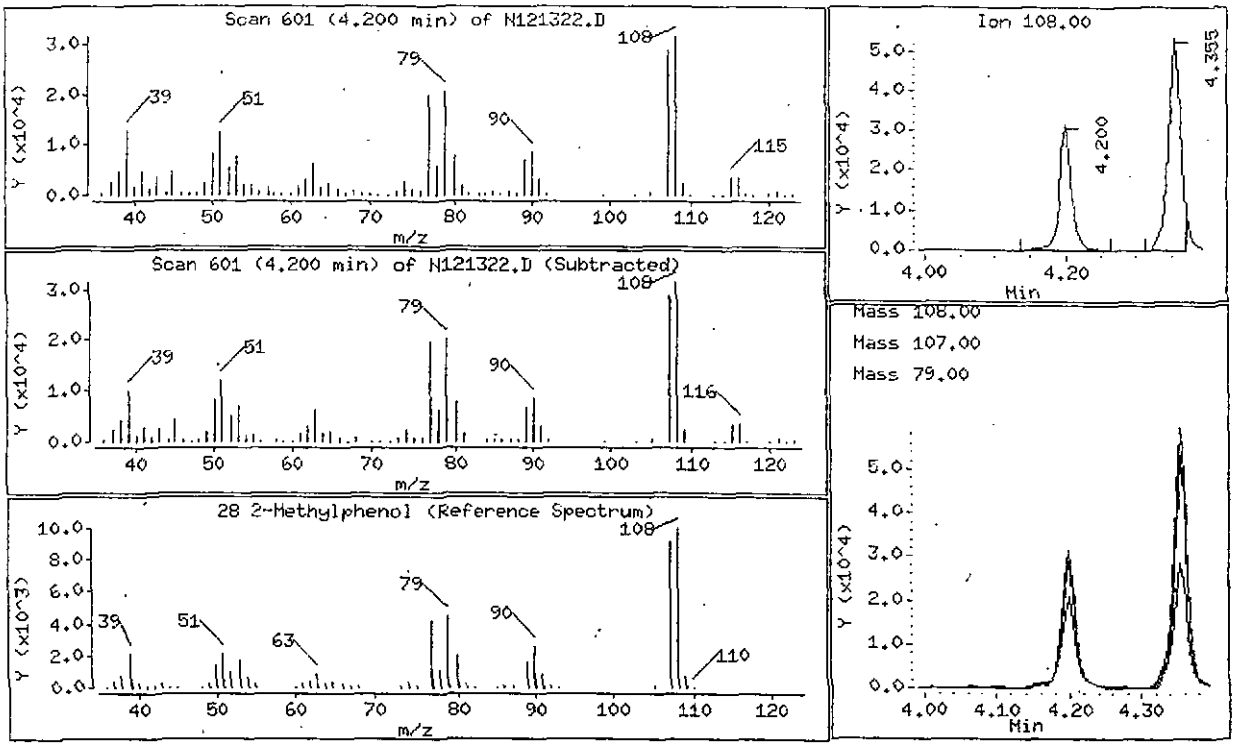
Concentration: 7.0170 ug/L



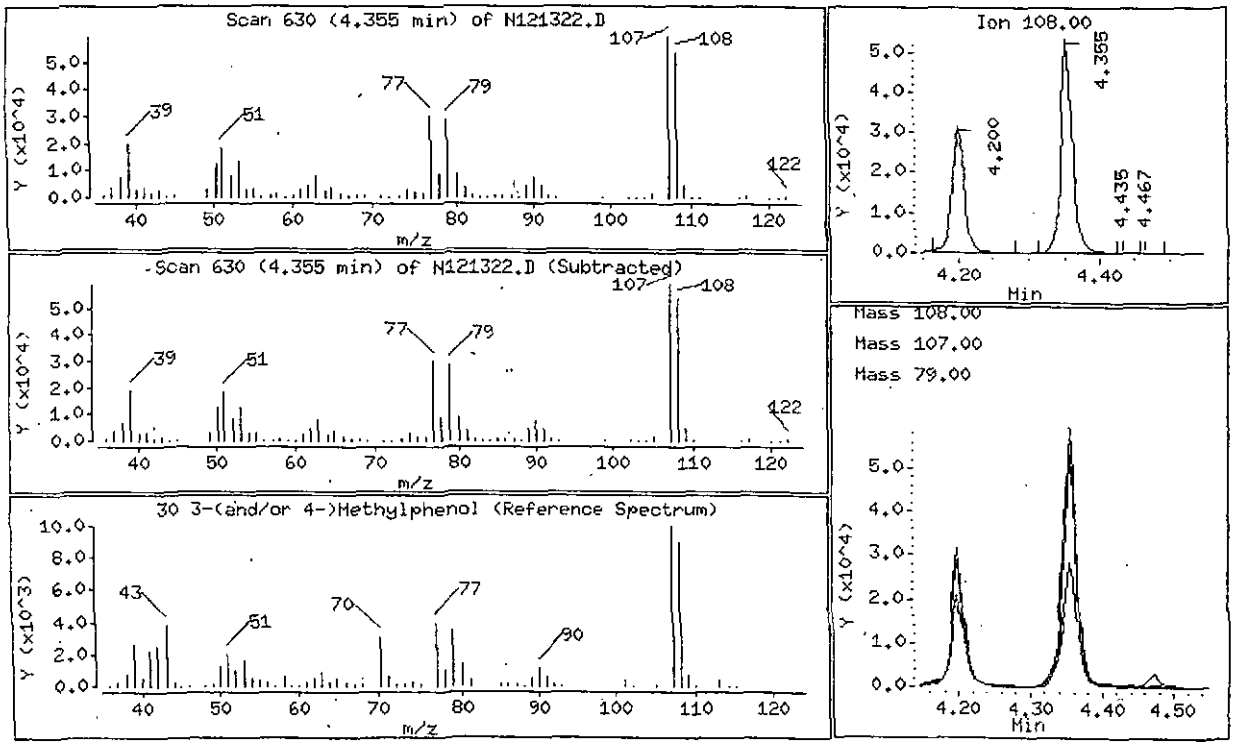
Data File: \\aussvr02\INS_DATA\MSN1.i\N121307.B\N121322.D Page 3

Date : 13-DEC-2007 22:17 Sample Info: KDG1R2AD;I7L050202-001;5;0;;1;1040;;5000;

28 2-Methylphenol Concentration: 167.10 ug/L



30 3-(and/or 4-)Methylphenol Concentration: 258.15 ug/L



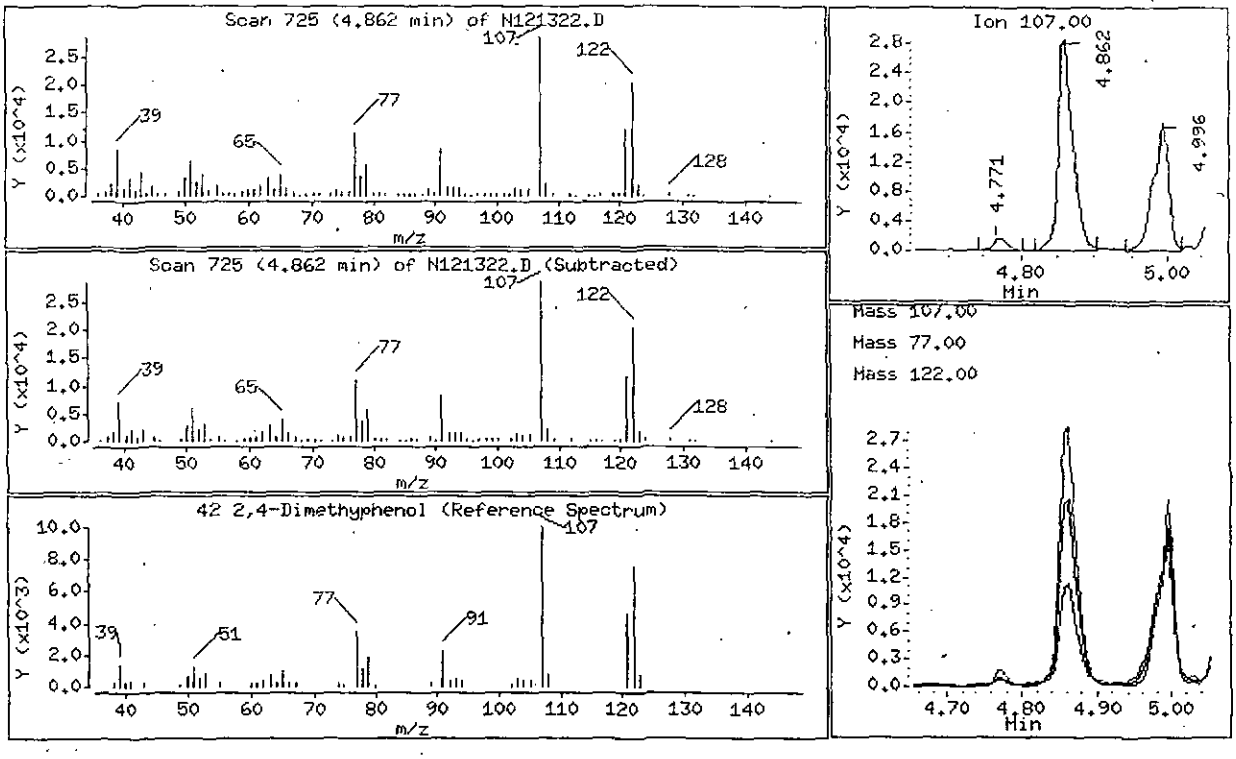
Data File: \\aussvr02\INS_DATA\MSN1.i\N121307.B\N121322.D

Date : 13-DEC-2007 22:17

Sample Info: KDG1R2AD;I7L050202-001;5;0;;1;1040;;5000;

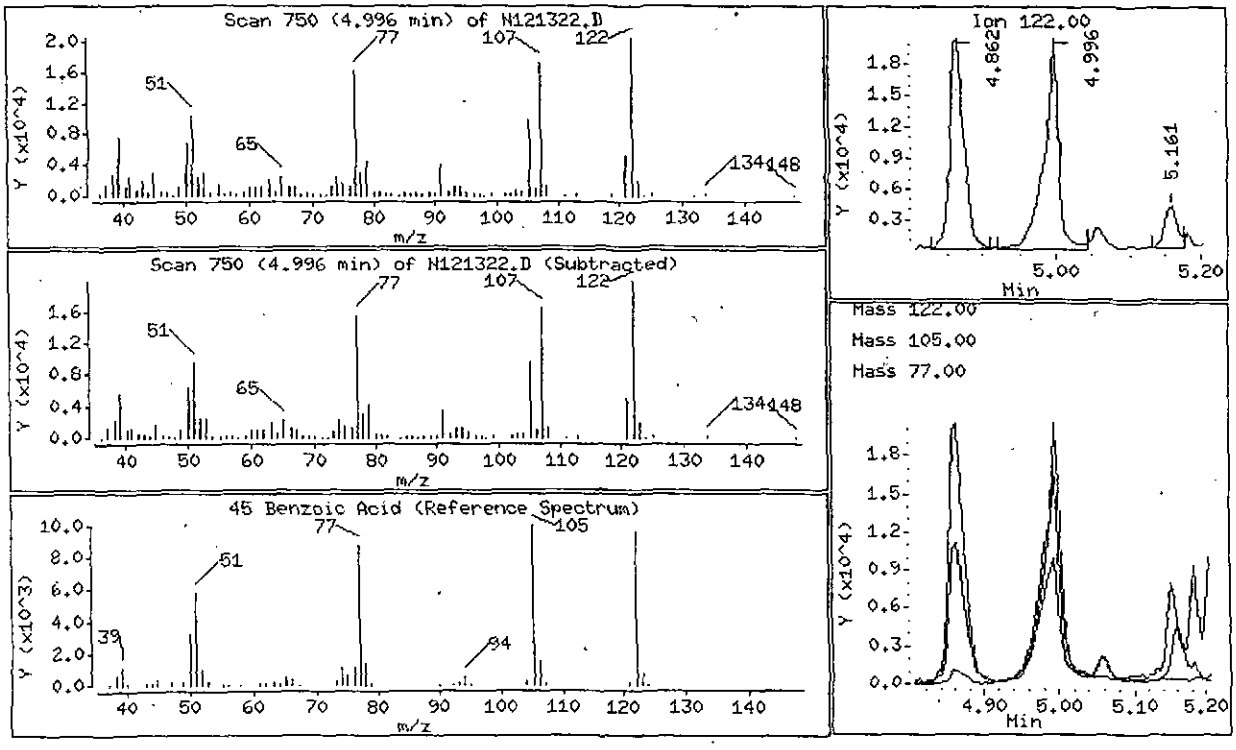
42 2,4-Dimethyphenol

Concentration: 124.34 ug/L



45 Benzoic Acid

Concentration: 217.80 ug/L



Data File: \\aussvr02\INS_DATA\MSN1.i\N121307.B\N121322.D

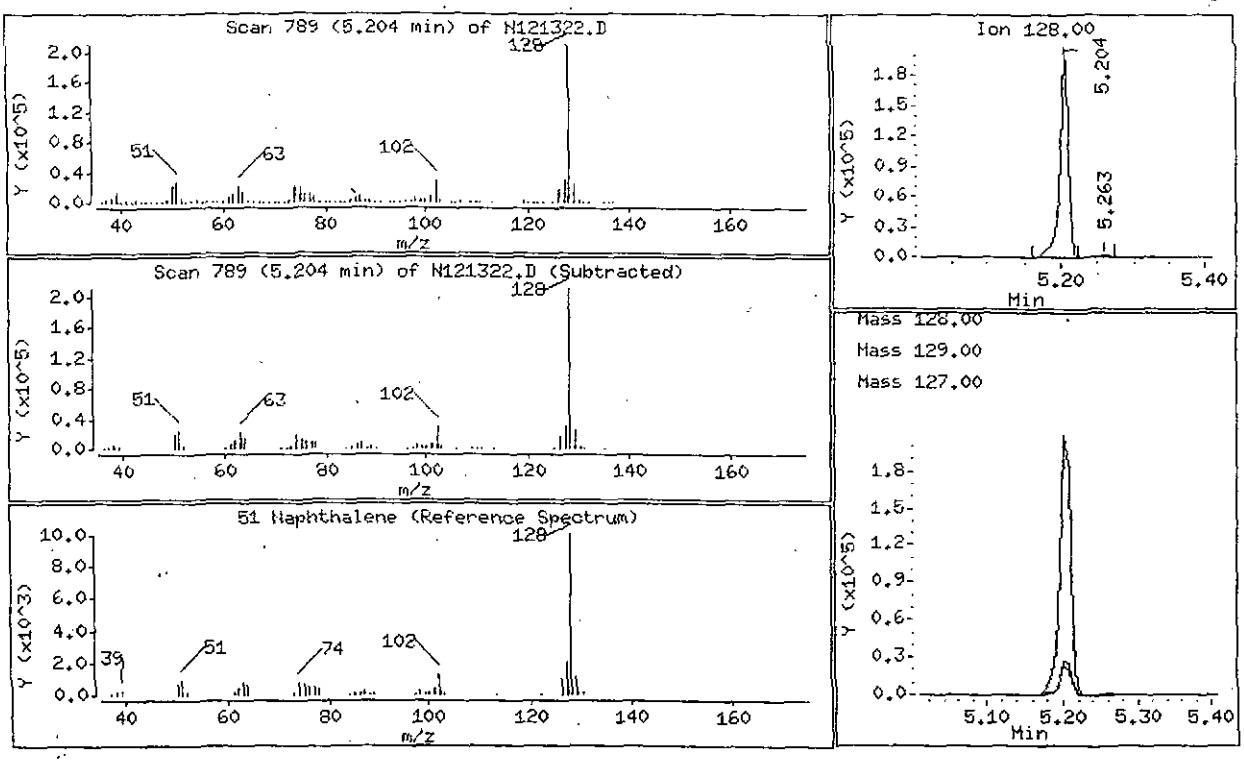
Page 5

Date : 13-DEC-2007 22:17

Sample Info: KDG1R2AD;I7L050202-001;5;0;;1;1040;;5000;

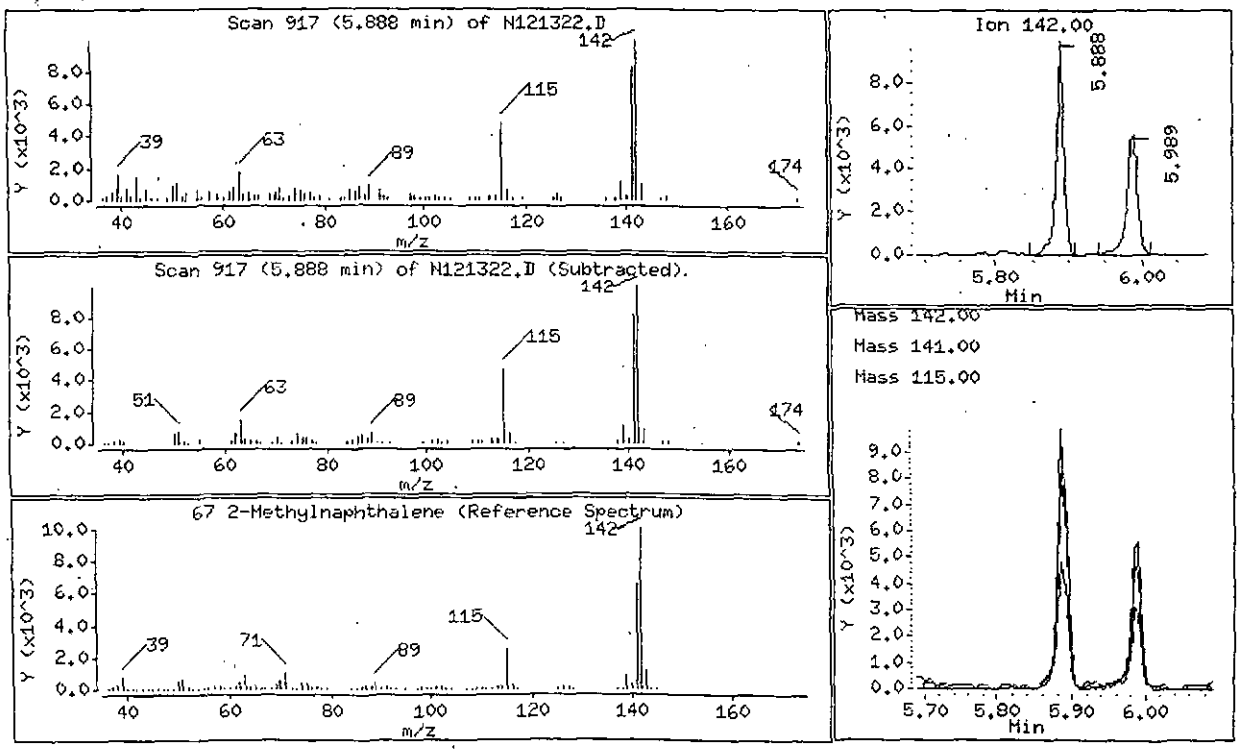
51 Naphthalene

Concentration: 223.30 ug/L



67 2-Methylnaphthalene

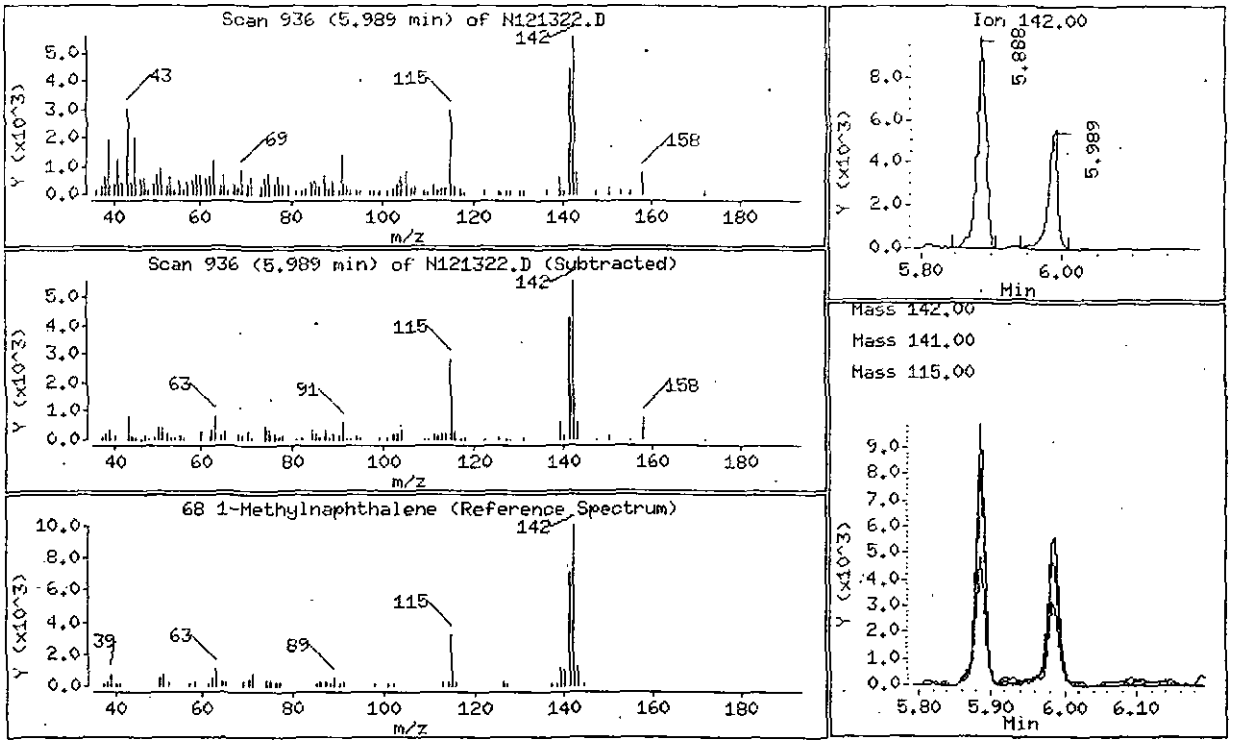
Concentration: 14.948 ug/L



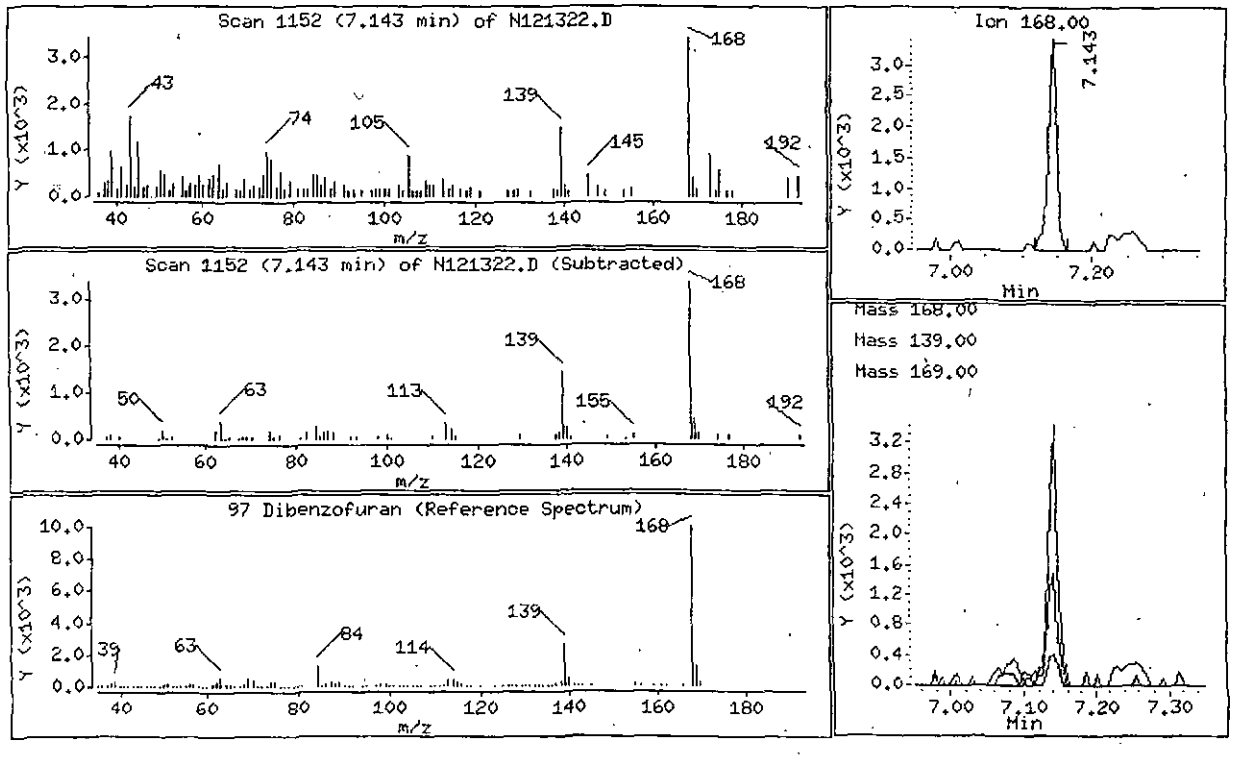
Data File: \\aussvr02\INS_DATA\MSN1.i\N121307.B\N121322.D Page 6

Date : 13-DEC-2007 22:17 Sample Info: KDG1R2AD;I7L050202-001;5;0;;1;1040;;5000;

68 1-Methylnaphthalene Concentration: 10.205 ug/L



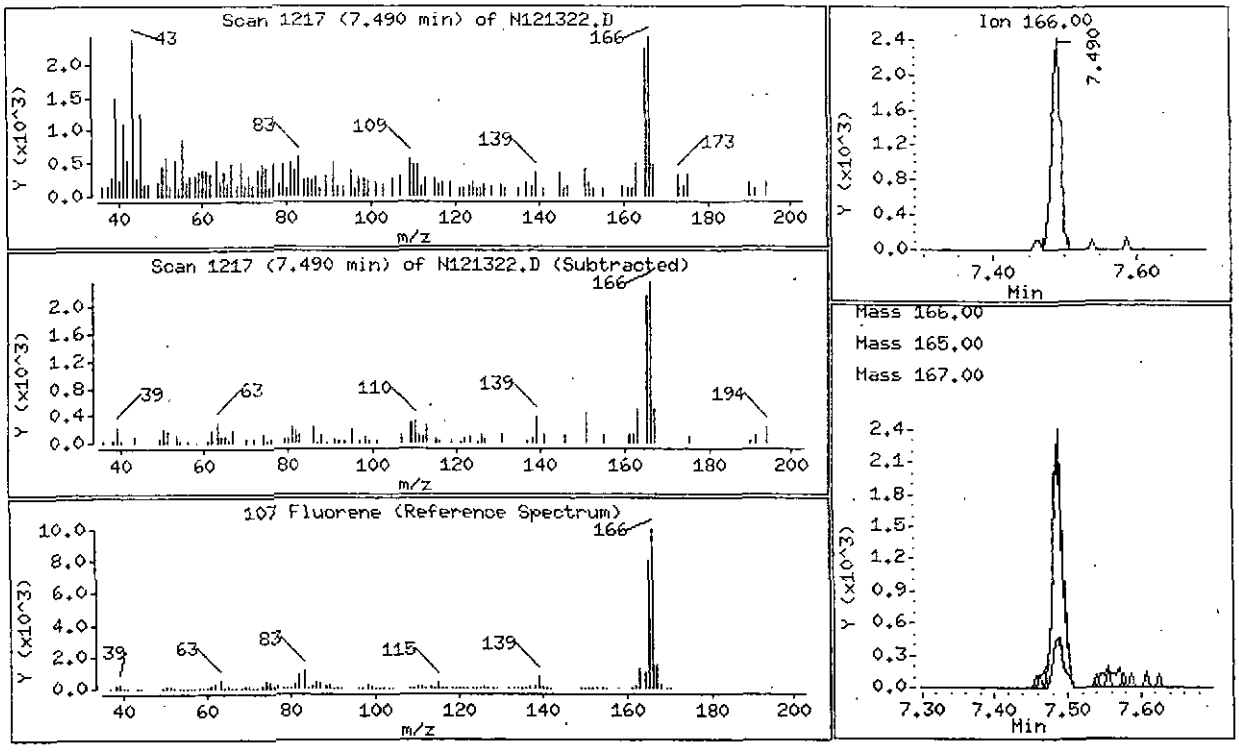
97 Dibenzofuran Concentration: 3.7325 ug/L



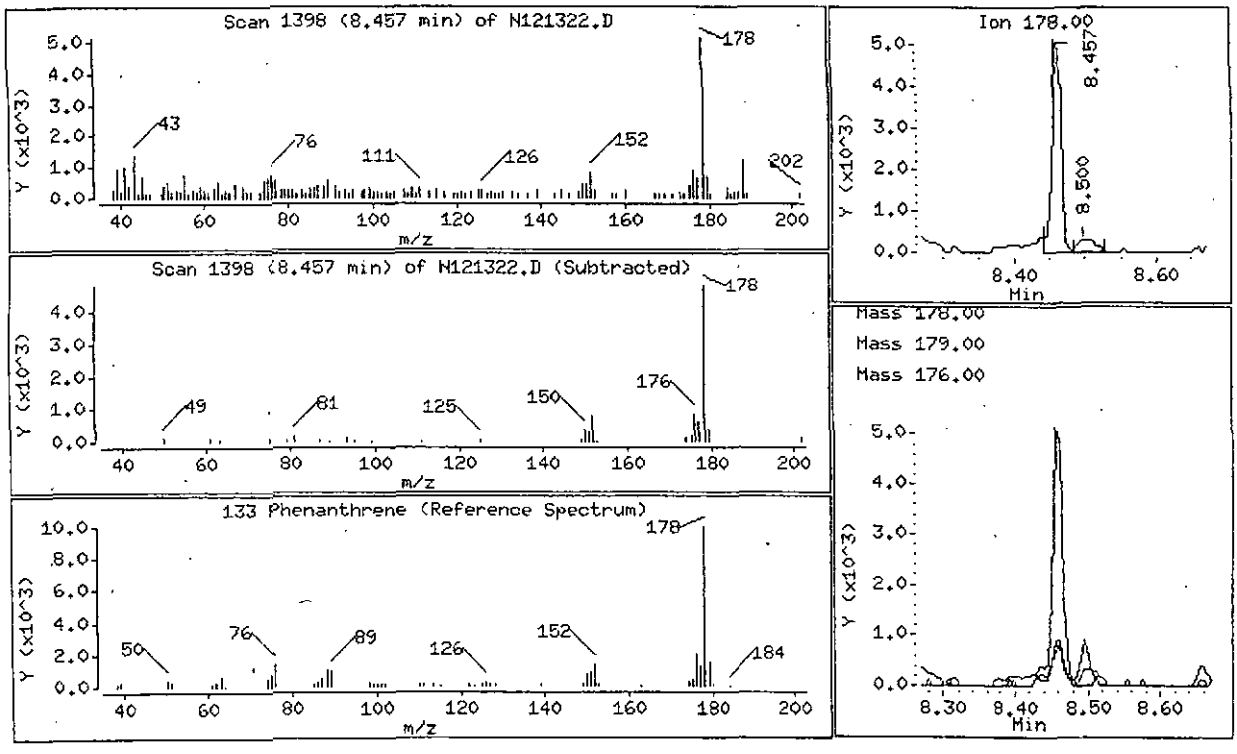
Data File: \\aussvr02\INS_DATA\MSN1.i\N121307.B\N121322.D Page 7

Date : 13-DEC-2007 22:17 Sample Info: KDG1R2AD;I7L050202-001;5;0;;1;1040;;5000;

107 Fluorene Concentration: 3.1759 ug/L



133 Phenanthrene Concentration: 4.6992 ug/L



Data File: \\aussvr02\INS_DATA\MSN1.i\N121307.B\N121322.D

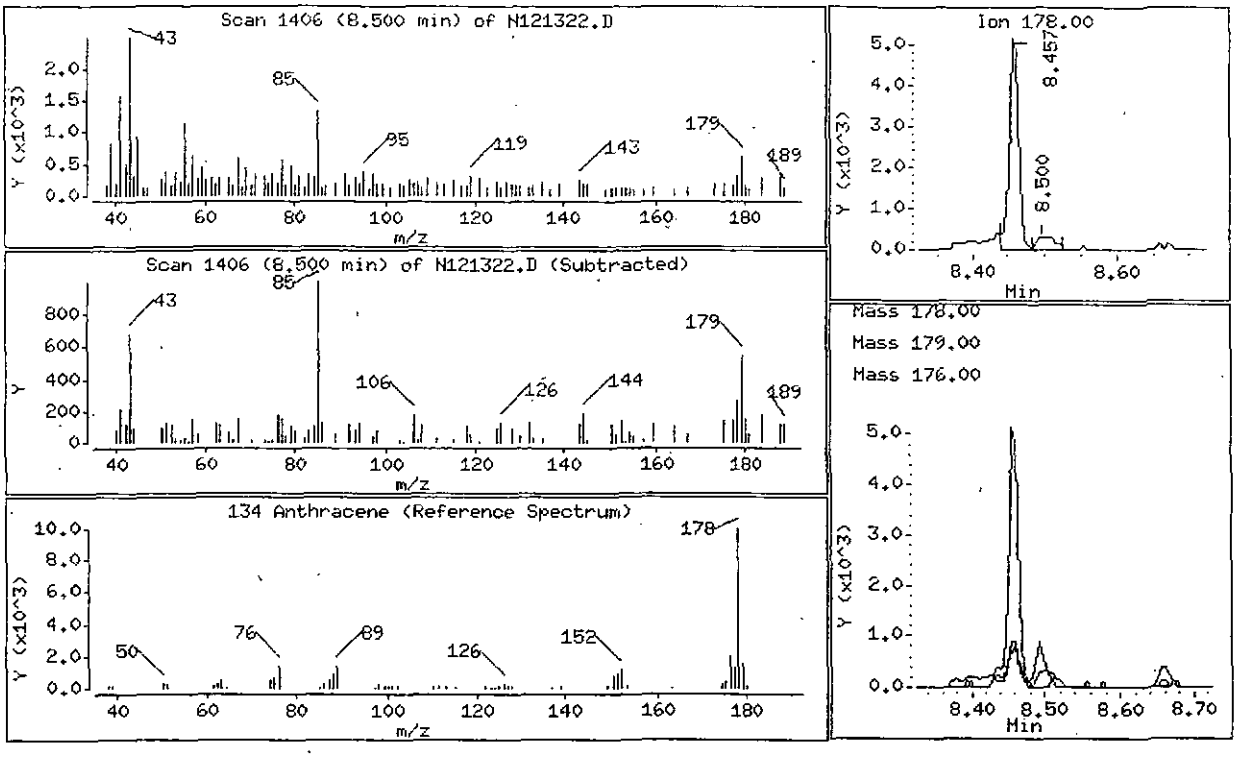
Page 8

Date : 13-DEC-2007 22:17

Sample Info: KDG1R2AD;I7L050202-001;5;0;;1;1040;;5000;

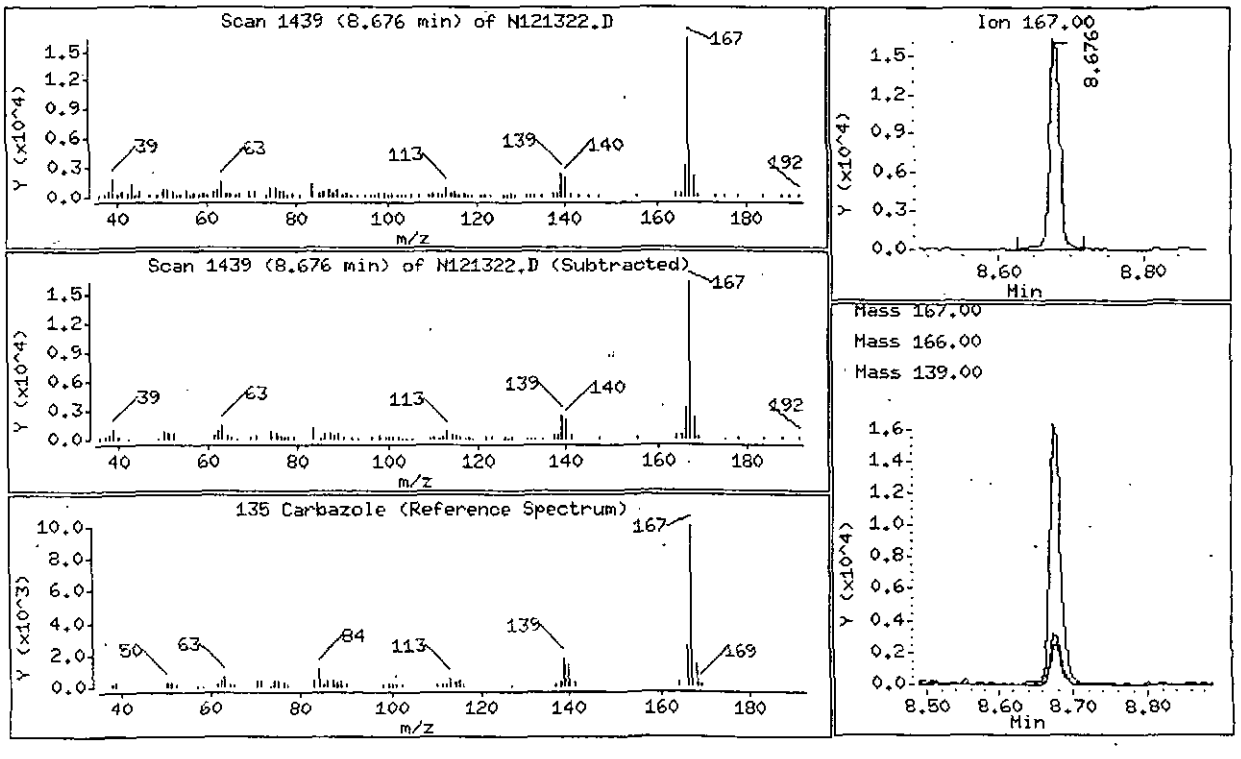
134 Anthracene

Concentration: 0.53844 ug/L



135 Carbazole

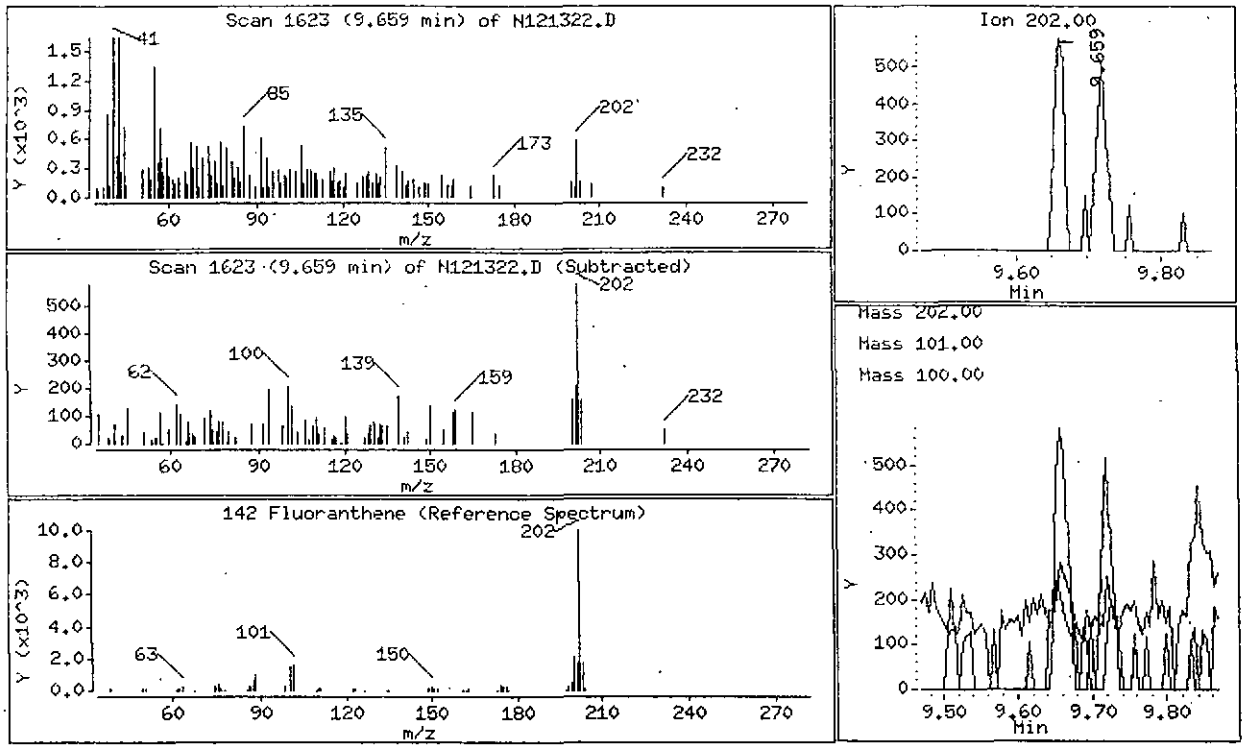
Concentration: 18.886 ug/L



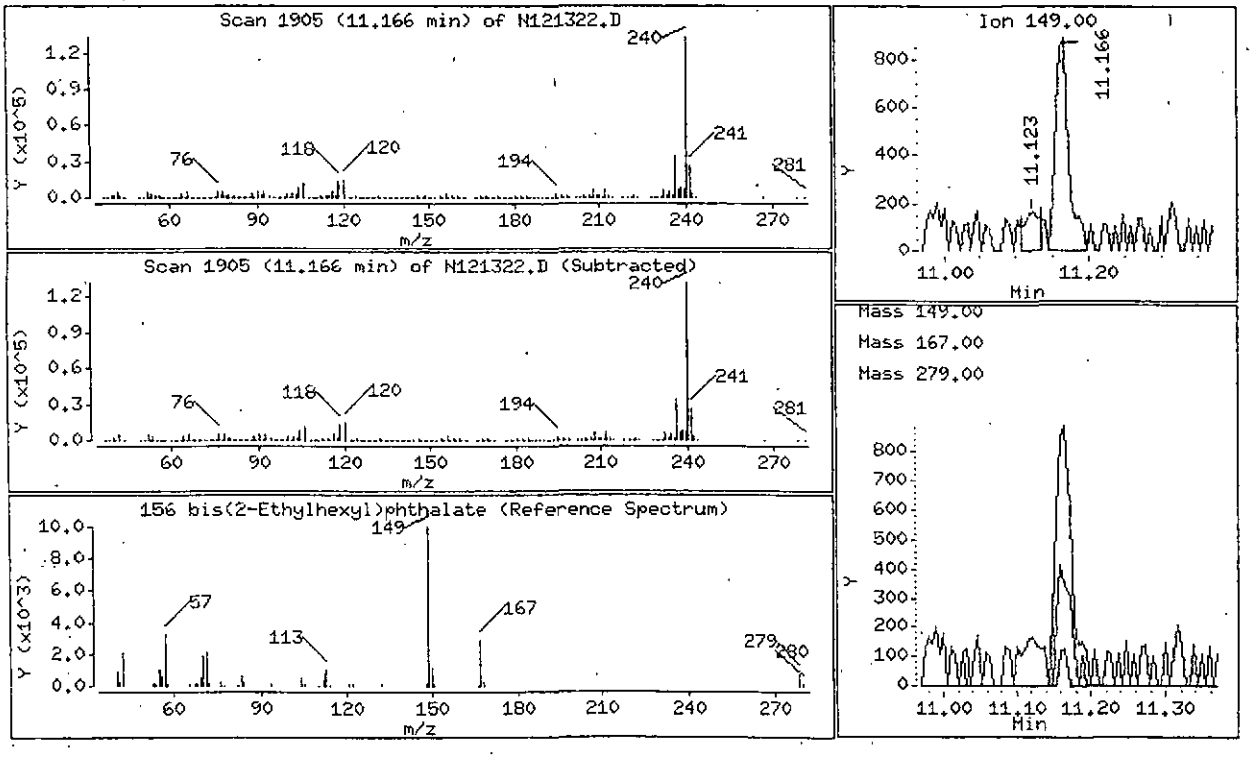
Data File: \\aussvr02\INS_DATA\MSN1.i\N121307.B\N121322.D Page 9

Date : 13-DEC-2007 22:17 Sample Info: KDG1R2AD;17L050202-001;5;0;;1;1040;;5000;

142 Fluoranthene Concentration: 0.59516 ug/L



156 bis(2-Ethylhexyl)phthalate Concentration: 15.003 ug/L



Calibration Data

STL Austin

INITIAL CALIBRATION DATA

art Cal Date : 08-NOV-2007 13:26
l Cal Date : 08-NOV-2007 15:55
ant Method : ISTD
get Version : 4.14
egrator : HP RTE
hod file : \\AUSSVR02\INS_DATA\MSN1.i\N110807.B\N1108BP.m
st Edit : 09-Nov-2007 08:19 MSN1.i

Calibration File Names:
Rel 1: \\AUSSVR02\INS_DATA\MSN1.i\N110807.B\N110803.D
Rel 2: \\AUSSVR02\INS_DATA\MSN1.i\N110807.B\N110804.D
Rel 3: \\AUSSVR02\INS_DATA\MSN1.i\N110807.B\N110805.D
Rel 4: \\AUSSVR02\INS_DATA\MSN1.i\N110807.B\N110806.D
Rel 5: \\AUSSVR02\INS_DATA\MSN1.i\N110807.B\N110807.D
Rel 6: \\AUSSVR02\INS_DATA\MSN1.i\N110807.B\N110808.D
Rel 7: \\AUSSVR02\INS_DATA\MSN1.i\N110807.B\N110809.D
Rel 8: \\AUSSVR02\INS_DATA\MSN1.i\N110807.B\N110810.D

Compound	0.2000000 Level 1 / 20.0000 Level 7	1.0000 Level 2 / 30.0000 Level 8	2.0000 Level 3	5.0000 Level 4	10.0000 Level 5	15.0000 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2
3 Bis (chloromethyl) ether	1.28556	1.31118	1.25462	1.30152	1.42214	1.45909					
	1.41975	1.41085					AVRG		1.35809		5.72093
4 N-Nitrosodimethylamine	0.82997	0.89895	0.83400	0.87964	0.97534	0.97646					
	0.93666	0.92888					AVRG		0.90749		6.30644
5 Pyridine	1.37880	1.52010	1.45119	1.51291	1.72443	1.76541					
	1.70899	1.71980					AVRG		1.59770		9.28583

11-9-7

JG 11-15-07

STL Austin

INITIAL CALIBRATION DATA

art Cal Date : 08-NOV-2007 13:26
l Cal Date : 08-NOV-2007 15:55
ant Method : ISTD
get Version : 4.14
egrator : HP RTE
hod file : \\AUSSVR02\INS_DATA\MSN1.i\N110807.B\N1108BP.m
st Edit : 09-Nov-2007 08:19 MSN1.i

Compound	0.2000000 Level 1 / 20.0000 Level 7	1.0000 Level 2 / 30.0000 Level 8	2.0000 Level 3	5.0000 Level 4	10.0000 Level 5	15.0000 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2
16 Phenol	1.87113	2.02564	1.96712	2.04585	2.38433	2.46443					
	2.49638	2.62664					AVRG		2.23519		12.88256
18 Aniline	+++++	2.31452	2.24623	2.33361	2.66248	2.80662					
	2.81344	3.27415					AVRG		2.63587		13.98446
19 bis(2-Chloroethyl)ether	1.29899	1.25535	1.23660	1.25080	1.44060	1.58643					
	1.53221	1.53059					AVRG		1.39145		10.53586
21 2-Chlorophenol	1.28415	1.40388	1.36934	1.36387	1.63464	1.68604					
	1.69518	1.75109					AVRG		1.52352		12.17597
22 1,3-Dichlorobenzene	1.33784	1.49659	1.42986	1.48445	1.66655	1.70196					
	1.66258	1.69789					AVRG		1.55971		8.97155
24 1,4-Dichlorobenzene	1.55398	1.63632	1.48737	1.56375	1.80321	1.82516					
	1.81038	1.86080					AVRG		1.69262		8.73660
27 1,2-Dichlorobenzene	1.37315	1.39296	1.35440	1.39761	1.64897	1.67300					
	1.67567	1.74567					AVRG		1.53268		10.86241

STL Austin

INITIAL CALIBRATION DATA

art Cal Date : 08-NOV-2007 13:26
d Cal Date : 08-NOV-2007 15:55
ant Method : ISTD
rget Version : 4.14
tegrator : HP RTE
thod file : \\AUSSVR02\INS_DATA\MSN1.i\N110807.B\N1108BP.m
st Edit : 09-Nov-2007 08:19 MSN1.i

Compound	0.2000000 Level 1 / 20.0000 Level 7	1.0000 Level 2 / 30.0000 Level 8	2.0000 Level 3	5.0000 Level 4	10.0000 Level 5	15.0000 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2
25 Benzyl Alcohol	+++++	0.92763	0.87758	0.96362	1.12058	1.13834					
	1.10630	1.15577					AVRG		1.04140		11.00370
29 bis(2-Chloroisopropyl)ether	2.77173	2.77545	2.68171	2.77949	3.25059	3.25483					
	3.17543	3.28596					AVRG		2.99690		8.85230
28 2-Methylphenol	1.19162	1.30360	1.28888	1.30857	1.54598	1.57437					
	1.54663	1.59560					AVRG		1.41941		11.35635
10 3-(and/or 4-)Methylphenol	1.20787	1.39842	1.36257	1.36606	1.57928	1.60245					
	1.60180	1.69896					AVRG		1.47718		11.30035
13 N-Nitroso-di-n-propylamine	1.11321	1.24200	1.28049	1.27577	1.50607	1.52532					
	1.48805	1.55369					AVRG		1.37308		11.98150
7 Hexachloroethane	0.54531	0.61493	0.61695	0.64406	0.74800	0.74606					
	0.72687	0.74721					AVRG		0.67367		11.63757
9 Nitrobenzene	0.42281	0.47028	0.45517	0.47697	0.55275	0.54792					
	0.54361	0.54193					AVRG		0.50143		10.14222

STL Austin

INITIAL CALIBRATION DATA

:irt Cal Date : 08-NOV-2007 13:26
l Cal Date : 08-NOV-2007 15:55
:nt Method : ISTD
:get Version : 4.14
:egrator : HP RTE
:hod file : \\AUSSVR02\INS_DATA\MSN1.i\N110807.B\N1108BP.m
:t Edit : 09-Nov-2007 08:19 MSN1.i

Compound	0.2000000 Level 1 / 20.0000 Level 7	1.0000 Level 2 / 30.0000 Level 8	2.0000 Level 3	5.0000 Level 4	10.0000 Level 5	15.0000 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2
41 Isophorone	0.62081	0.66983	0.64625	0.68334	0.80947	0.81132					
	0.80367	0.79238					AVRG		0.72963		11.22814
43 2-Nitrophenol	+++++	0.17125	0.16705	0.17964	0.21290	0.21443					
	0.21565	0.21588					AVRG		0.19669		11.59665
42 2,4-Dimethyphenol	0.36210	0.40401	0.38192	0.41038	0.47410	0.47773					
	0.47506	0.48068					AVRG		0.43325		11.28063
45 Benzoic Acid	+++++	2498	5965	18325	47951	72491					
	97977	149686					WLINR	0.06898	0.19076		0.99776
46 Bis(2-chloroethoxy)methane	0.38436	0.42941	0.40021	0.40685	0.47759	0.47920					
	0.47548	0.48151					AVRG		0.44182		9.29077
47 2,4-Dichlorophenol	0.22262	0.26030	0.24801	0.26055	0.30788	0.31068					
	0.31188	0.31986					AVRG		0.28022		13.08067
49 1,2,4-Trichlorobenzene	0.26681	0.29608	0.28565	0.28848	0.34697	0.34452					
	0.34896	0.35674					AVRG		0.31678		11.32441

STL Austin

INITIAL CALIBRATION DATA

art Cal Date : 08-NOV-2007 13:26
d Cal Date : 08-NOV-2007 15:55
ant Method : ISTD
rget Version : 4.14
tegrator : HP RTE
thod file : \\AUSSVR02\INS_DATA\MSN1.i\N110807.B\N1108BP.m
st Edit : 09-Nov-2007 08:19 MSN1.i

Compound	0.2000000 Level 1 / 20.0000 Level 7	1.0000 Level 2 / 30.0000 Level 8	2.0000 Level 3	5.0000 Level 4	10.0000 Level 5	15.0000 Level 6	Curve	Coefficients b	Coefficients m1	Coefficients m2	%RSD or R^2
51 Naphthalene	1.03670	1.06825	1.00306	1.04051	1.22801	1.24677					
	1.24553	1.26947					AVRG		1.14229		10.00741
52 4-Chloroaniline	0.33697	0.38272	0.37424	0.38769	0.45945	0.45942					
	0.46519	0.46318					AVRG		0.41611		12.29387
55 Hexachlorobutadiene	0.16882	0.19559	0.18476	0.18795	0.22272	0.22478					
	0.22617	0.23221					AVRG		0.20537		11.62520
63 4-Chloro-3-Methylphenol	0.30037	0.32939	0.32912	0.34854	0.41609	0.42025					
	0.42017	0.43624					AVRG		0.37502		14.24645
67 2-Methylnaphthalene	0.62317	0.67187	0.63880	0.66016	0.78396	0.78955					
	0.79606	0.82595					AVRG		0.72369		11.40630
68 1-Methylnaphthalene	0.66027	0.67717	0.62945	0.66172	0.78506	0.79358					
	0.80341	0.82895					AVRG		0.72995		10.94511
69 Hexachlorocyclopentadiene	+++++	+++++	2699	11663	39749	67916					
	98691	170397					LINR	0.28643	0.36465		0.99328

AVG RF = 0.229947

STL Austin

INITIAL CALIBRATION DATA

art Cal Date : 08-NOV-2007 13:26
l Cal Date : 08-NOV-2007 15:55
ant Method : ISTD
rget Version : 4.14
tegrator : HP RTE
thod file : \\AUSSVR02\INS_DATA\MSN1.i\N110807.B\N1108BP.m
st Edit : 09-Nov-2007 08:19 MSN1.i

Compound	0.2000000 Level 1	1.0000 Level 2	2.0000 Level 3	5.0000 Level 4	10.0000 Level 5	15.0000 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2
	20.0000 Level 7	30.0000 Level 8									
72 2,4,6-Trichlorophenol	+++++	0.28868	0.27756	0.30279	0.35820	0.36755					
	0.37077	0.37893					AVRG		0.33493		12.95136
74 2,4,5-Trichlorophenol	+++++	5427	10493	26466	65998	101628					
	140528	226557					WLINR	0.05218	0.44091		0.99547
78 2-Chloronaphthalene	0.47209	0.48816	0.46533	0.48239	0.56483	0.57640					
	0.58358	0.59514					AVRG		0.52849		10.61123
80 2-Nitroaniline	+++++	0.41238	0.41555	0.44231	0.52203	0.52330					
	0.52343	0.51724					AVRG		0.47946		11.12131
82 1,4-Dinitrobenzene	+++++	+++++	0.16103	0.17909	0.21909	0.22225					
	0.22697	0.22964					AVRG		0.20635		14.01229
83 Dimethylphthalate	1.16239	1.27327	1.21681	1.26491	1.45000	1.44880					
	1.46173	1.47110					AVRG		1.34363		9.44123
85 2,6-Dinitrotoluene	+++++	0.27856	0.27803	0.29267	0.34056	0.33797					
	0.34025	0.34597					AVRG		0.31629		9.96372

%RSD = 70.01%

STL Austin

INITIAL CALIBRATION DATA

art Cal Date : 08-NOV-2007 13:26
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st Edit : 09-Nov-2007 08:19 MSN1.i

Compound	0.2000000 Level 1 / 20.0000 Level 7	1.0000 Level 2 / 30.0000 Level 8	2.0000 Level 3	5.0000 Level 4	10.0000 Level 5	15.0000 Level 6	Curve	Coefficients b	Coefficients m1	Coefficients m2	%RSD or R^2
84 1,3-Dinitrobenzene	+++++	0.19064	0.19490	0.20930	0.25003	0.25040					
	0.24703	0.24093					AVRG		0.22618		11.88272
86 Acenaphthylene	1.56907	1.71595	1.67662	1.73118	2.04443	2.09229					
	2.13823	2.26528					AVRG		1.90413		13.60355
89 3-Nitroaniline	+++++	0.26405	0.27311	0.28669	0.32425	0.32641					
	0.33242	0.32902					AVRG		0.30514		9.63539
92 Acenaphthene	1.11119	1.08801	1.04607	1.07726	1.27577	1.30517					
	1.33167	1.38077					AVRG		1.20199		11.16071
93 2,4-Dinitrophenol	+++++	+++++	+++++	5439	20730	35079					
	52814	95808					LINR	0.43117	0.21698		0.99304
94 4-Nitrophenol	+++++	2540	6239	16012	42936	65361					
	91241	146342					WLINR	0.07010	0.28778		0.99552
96 2,4-Dinitrotoluene	+++++	0.35562	0.38656	0.39605	0.47419	0.48984					
	0.50048	0.52903					AVRG		0.44739		14.92739

Avg RF = 0.1587

ave RF = 23158

STL Austin

INITIAL CALIBRATION DATA

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ant Method : ISTD
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thod file : \\AUSSVR02\INS_DATA\MSN1.i\N110807.B\N1108BP.m
st Edit : 09-Nov-2007 08:19 MSN1.i

Compound	0.2000000 Level 1 / 20.0000 Level 7	1.0000 Level 2 / 30.0000 Level 8	2.0000 Level 3	5.0000 Level 4	10.0000 Level 5	15.0000 Level 6	Curve	Coefficients b	Coefficients m1	Coefficients m2	%RSD or R^2
97 Dibenzofuran	1.49722	1.53444	1.45780	1.51059	1.79413	1.84168					
	1.87449	1.96222					AVRG		1.68407		12.06891
99 2,3,5,6-Tetrachlorophenol	+++++	3112	6945	18577	48395	76577					
	105653	169940					WLINR	0.07051	0.33349		0.99496
01 2,3,4,6-tetrachlorophenol	+++++	4188	8444	22278	54258	81702					
	111066	183951					WLINR	0.09838	0.36982		0.99722
03 Diethylphthalate	1.25542	1.33570	1.31412	1.34473	1.57158	1.57373					
	1.59137	1.60123					AVRG		1.44848		10.22006
05 4-Chlorophenyl-phenylether	+++++	0.63701	0.63954	0.64874	0.77656	0.80040					
	0.83550	0.90134					AVRG		0.74844		14.29315
07 Fluorene	1.22083	1.26119	1.21548	1.25531	1.49997	1.56229					
	1.59759	1.67743					AVRG		1.41126		13.59522
09 4,6-Dinitro-2-methylphenol	+++++	1953	4596	14999	42844	68598					
	96057	156988					WLINR	0.09554	0.15719		0.99241

STL Austin

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Compound	0.2000000 Level 1	1.0000 Level 2	2.0000 Level 3	5.0000 Level 4	10.0000 Level 5	15.0000 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2
	20.0000 Level 7	30.0000 Level 8									
108 4-Nitroaniline	+++++	0.27897	0.27803	0.28747	0.33745	0.33943					
	0.35504	0.36263					AVRG		0.31986		11.57891
110 N-Nitrosodiphenylamine/DPA	0.98841	1.07223	1.04778	1.08178	1.27601	1.29249					
	1.33603	1.39519					AVRG		1.18624		13.04668
111 Azobenzene	0.76150	0.84845	0.84332	0.86730	1.01313	1.01832					
	1.00945	1.01858					AVRG		0.92251		11.21360
122 4-Bromophenyl-phenylether	0.17634	0.17697	0.17351	0.18349	0.22279	0.22551					
	0.22794	0.24191					AVRG		0.20356		13.98148
123 Hexachlorobenzene	0.17918	0.17597	0.17419	0.17969	0.21493	0.22009					
	0.22323	0.23095					AVRG		0.19978		12.28059
127 Pentachlorophenol	+++++	+++++	+++++	6650	23587	40943					
	58728	101036					LINR	0.35828	0.11490		0.99794
133 Phenanthrene	1.03878	0.98654	0.91976	0.95166	1.15168	1.17580					
	1.19620	1.25221					AVRG		1.08408		11.55935

%RSD = 29.395

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STL Austin

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st Edit : 09-Nov-2007 08:19 MSN1.i

Compound	0.2000000 Level 1 / 20.0000 Level 7	1.0000 Level 2 / 30.0000 Level 8	2.0000 Level 3	5.0000 Level 4	10.0000 Level 5	15.0000 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2
34 Anthracene	0.89404	0.90246	0.89715	0.92633	1.13599	1.16786					
	1.18306	1.21826					AVRG		1.04064		14.12997
35 Carbazole	0.83833	0.83371	0.82533	0.85802	1.00421	1.02044					
	1.03769	1.07935					AVRG		0.93713		11.47842
37 Di-n-Butylphthalate	6685	36334	71310	182440	459100	708015					
	961468	1553650					LINR	0.07177	1.58694		0.99774
42 Fluoranthene	0.95386	0.98242	0.99783	1.03494	1.25777	1.27483					
	1.28367	1.34682					AVRG		1.14152		14.28656
44 Benzidine	2571	12133	25436	64817	181075	292205					
	417079	695268					LINR	0.09280	0.66025		0.99682
45 Pyrene	1.05497	1.11834	1.07338	1.11212	1.30714	1.29308					
	1.28377	1.27925					AVRG		1.19026		9.21099
52 Butylbenzylphthalate	3047	16144	31470	82015	203548	312406					
	424321	684043					LINR	0.03602	0.64920		0.99933

STL Austin

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Compound	0.2000000 Level 1 / 20.0000 Level 7	1.0000 Level 2 / 30.0000 Level 8	2.0000 Level 3	5.0000 Level 4	10.0000 Level 5	15.0000 Level 6	Curve	Coefficients b	Coefficients m1	Coefficients m2	%RSD or R^2
58 3,3'-Dichlorobenzidine	1982	10686	21467	55190	144986	229632					
	322927	494793					WLINR	0.01741	0.46693		0.99495
59 Benzo(a)anthracene	1.21158	1.13572	1.07216	1.09549	1.26257	1.25725					
	1.25751	1.26404					AVRG		1.19454		6.77835
56 bis(2-Ethylhexyl)phthalate	4733	22813	46087	121607	318997	504035					
	707421	1118444					WLINR	0.05657	1.07188		0.99884
61 Chrysene	1.03707	1.01912	0.97526	0.98288	1.18335	1.17901					
	1.16083	1.19743					AVRG		1.09187		8.86822
62 Di-n-octylphthalate	+++++	34630	69831	183474	471688	740242					
	1021696	1671285					WLINR	0.06212	2.01648		0.99503
66 Benzo(b)fluoranthene	1.07589	1.13854	1.10287	1.16749	1.38245	1.50844					
	1.47349	+++++					AVRG		1.26417		14.58845
67 Benzo(k)fluoranthene	1.24279	1.23985	1.22877	1.26366	1.54410	1.50605					
	1.61022	1.52648					AVRG		1.39524		11.81714

< 20 % o.k
% RSD = 20.05

STL Austin

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Compound	0.2000000 Level 1	1.0000 Level 2	2.0000 Level 3	5.0000 Level 4	10.0000 Level 5	15.0000 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2
	20.0000 Level 7	30.0000 Level 8									
68 Benzo(a)pyrene	0.99201	1.02859	0.99996	1.04690	1.28520	1.31891					
	1.34052	1.37713					AVRG		1.17365		14.51193
73 Indeno(1,2,3-cd)pyrene	1.08907	1.14211	1.16937	1.22688	1.48737	1.49770					
	1.48919	1.48615					AVRG		1.32348		13.75728
74 Dibenz(a,h)anthracene	4959	26764	52285	132388	332061	511935					
	691900	1068258					LINR	0.04720	1.33896		0.99908
76 Benzo(g,h,i)perylene	0.89734	0.96919	0.95188	0.98796	1.17869	1.16035					
	1.13913	1.08139					AVRG		1.04574		10.27593
12 2-Fluorophenol	1.13676	1.24311	1.19567	1.24553	1.45328	1.48409					
	1.46088	1.52417					AVRG		1.34294		11.34566
15 Phenol-d5	1.55115	1.70475	1.58793	1.66346	1.95621	1.98705					
	1.99713	2.07182					AVRG		1.81494		11.50044

STL Austin

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Compound	0.2000000 Level 1 / 20.0000 Level 7	1.0000 Level 2 / 30.0000 Level 8	2.0000 Level 3	5.0000 Level 4	10.0000 Level 5	15.0000 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2
14 2,4,6-Tribromophenol	+++++	3099	6344	16608	40944	63292					
	87469	143051					WLINR	0.08554	0.09436		0.99558
38 Nitrobenzene-d5	0.36783	0.40532	0.40553	0.41428	0.49003	0.48252					
	0.48222	0.47371					AVRG		0.44018		10.68708
75 2-Fluorobiphenyl	1.22753	1.17842	1.12862	1.17856	1.42262	1.45211					
	1.49588	1.56977					AVRG		1.33169		12.86431
47 Terphenyl-d14	0.74654	0.77775	0.75774	0.78674	0.94307	0.94940					
	0.95479	0.96778					AVRG		0.86048		11.70023

STL Austin

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rage %RSD Results.
culated Average %RSD = 11.43958
imun Average %RSD = 15.00000
assed Average %RSD Test.

rve	Formula	Units
eraged	Amt = Rsp/ml	Response
near	Amt = b + Rsp/ml	Response
Linear	Amt = b + Rsp/ml	Response

STL Austin

INITIAL CALIBRATION DATA

art Cal Date : 08-NOV-2007 13:26
l Cal Date : 08-NOV-2007 18:23
ant Method : ISTD
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tegrator : HP RTE
thod file : \\AUSSVR02\INS_DATA\MSN1.i\N110807.B\N1108BP.m
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Calibration File Names:
Rel 1: \\AUSSVR02\INS_DATA\MSN1.i\N110807.B\N110803.D
Rel 2: \\AUSSVR02\INS_DATA\MSN1.i\N110807.B\N110811.D
Rel 3: \\AUSSVR02\INS_DATA\MSN1.i\N110807.B\N110812.D
Rel 4: \\AUSSVR02\INS_DATA\MSN1.i\N110807.B\N110813.D
Rel 5: \\AUSSVR02\INS_DATA\MSN1.i\N110807.B\N110814.D
Rel 6: \\AUSSVR02\INS_DATA\MSN1.i\N110807.B\N110815.D
Rel 7: \\AUSSVR02\INS_DATA\MSN1.i\N110807.B\N110816.D
Rel 8: \\AUSSVR02\INS_DATA\MSN1.i\N110807.B\N110817.D

Compound	0.2000000 Level 1	1.0000 Level 2	2.0000 Level 3	5.0000 Level 4	10.0000 Level 5	15.0000 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2
	20.0000 Level 7	30.0000 Level 8									
1 2-Ethoxyethanol	+++++	+++++	0.84503	0.84496	1.01721	1.13330					
	1.08984	1.14290					AVRG		1.01221		13.52533
2 1,4-Dioxane	+++++	0.53496	0.58103	0.56863	0.69037	0.71651					
	0.71848	0.73904					AVRG		0.64986		13.06944
6 N,N-Dimethylformamide	+++++	0.94083	0.90503	0.94927	1.08662	1.17839					
	1.10410	1.13218					AVRG		1.04234		10.37566

JG 11/15/07

STL Austin

INITIAL CALIBRATION DATA

irt Cal Date : 08-NOV-2007 13:26
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int Method : ISTD
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hod file : \\AUSSVR02\INS_DATA\MSN1.i\N110807.B\N1108BP.m
st Edit : 09-Nov-2007 13:17 MSN1.i

Compound	0.2000000 Level 1	1.0000 Level 2	2.0000 Level 3	5.0000 Level 4	10.0000 Level 5	15.0000 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2
	20.0000 Level 7	30.0000 Level 8									
7 Propyl cellosolve	+++++	1.98245	1.89964	1.90649	2.20900	2.32588					
	2.18449	2.21802					AVRG		2.10371		8.12467
8 2-Picoline	+++++	1.48145	1.47126	1.48273	1.72588	1.81461					
	1.76532	1.84759					AVRG		1.65555		10.26600
9 N-Nitrosomethylethylamine	+++++	0.62145	0.67806	0.63669	0.73297	0.75122					
	0.72312	0.72121					AVRG		0.69496		7.23657
10 Acrylamide	+++++	0.53669	0.57117	0.58006	0.66383	0.71476					
	0.67034	0.66676					AVRG		0.62909		10.45643
11 Methyl methanesulfonate	+++++	0.88359	0.86161	0.87426	0.99585	1.02449					
	0.99153	0.98995					AVRG		0.94589		7.32625
13 N-Nitrosodiethylamine	+++++	0.67051	0.67782	0.69046	0.79800	0.82940					
	0.81181	0.81274					AVRG		0.75582		9.54081
14 Ethyl methanesulfonate	+++++	1.17340	1.19627	1.17031	1.32999	1.38072					
	1.33179	1.33229					AVRG		1.27354		7.03596

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Compound	0.2000000 Level 1 / 20.0000 Level 7	1.0000 Level 2 / 30.0000 Level 8	2.0000 Level 3	5.0000 Level 4	10.0000 Level 5	15.0000 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2
17 Benzaldehyde	+++++	0.33966	0.33289	0.33583	0.38156	0.38767					
	0.37882	0.35889					AVRG		0.35933		6.54253
20 Pentachloroethane	+++++	0.47065	0.48498	0.49819	0.57662	0.59331					
	0.57604	0.59870					AVRG		0.54264		10.22291
26 1-Methyl-2-pyrrolidone	+++++	0.83343	0.83549	0.83417	0.96543	1.06440					
	0.99172	0.99719					AVRG		0.93169		10.28228
34 Acetophenone	+++++	2.11030	2.16501	2.16703	2.54434	2.68378					
	2.64500	2.70877					AVRG		2.43203		11.17229
31 N-Nitrosopyrrolidine	+++++	4302	8158	22266	47576	75468					
	104457	164749					WLINR	0.04225	0.87319		0.99654
35 N-Nitrosomorpholine	+++++	1.23190	1.24163	1.24318	1.42516	1.50195					
	1.47971	1.53481					AVRG		1.37976		9.84085
36 o-Toluidine	+++++	13893	27323	72833	155757	243267					
	337819	524893					WLINR	0.03837	2.80215		0.99745

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l Cal Date : 08-NOV-2007 18:23
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Compound	0.2000000 Level 1	1.0000 Level 2	2.0000 Level 3	5.0000 Level 4	10.0000 Level 5	15.0000 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2
	20.0000 Level 7	30.0000 Level 8									
40 N-Nitrosopiperidine	+++++	0.15106	0.15986	0.16413	0.18764	0.19449					
	0.19100	0.19159					AVRG		0.17711		10.20497
44 o,o,o-Triethylphosphorothioat	+++++	0.17770	0.17761	0.18726	0.22078	0.23536					
	0.23088	0.24549					AVRG		0.21073		13.78189
48 a,a-Dimethylphenethylamine	+++++	+++++	0.67471	0.74754	0.88656	0.83526					
	0.77746	0.72888					AVRG		0.77507		9.82960
53 2,6-Dichlorophenol	+++++	0.24279	0.24050	0.24873	0.28488	0.29602					
	0.28938	0.29652					AVRG		0.27126		9.55242
54 Hexachloropropene	+++++	5235	10330	29927	66833	107416					
	146817	235045					WLINR	0.05880	0.30646		0.99549
57 N-Nitroso-di-n-butylamine	+++++	0.32053	0.33621	0.32451	0.32243	0.35455					
	0.35305	0.36110					AVRG		0.33891		5.05501
60 Caprolactum	+++++	0.10087	0.10667	0.11566	0.13529	0.12200					
	0.12612	0.12698					AVRG		0.11908		10.17375

STL Austin

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st Edit : 09-Nov-2007 13:17 MSN1.i

Compound	0.2000000 Level 1 / 20.0000 Level 7	1.0000 Level 2 / 30.0000 Level 8	2.0000 Level 3	5.0000 Level 4	10.0000 Level 5	15.0000 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2
61 p-Phenylenediamine	+++++	3073	8843	28353	69526	108617					
	140925	191081					WLINR	0.06658	0.28334		0.99192
65 Safrole	+++++	0.26196	0.26513	0.27347	0.32477	0.34725					
	0.34881	0.36294					AVRG		0.31205		14.05404
70 1,2,4,5-Tetrachlorobenzene	+++++	0.47502	0.49484	0.50966	0.60230	0.62114					
	0.61196	0.65019					AVRG		0.56644		12.49858
71 Isosafrole #1	+++++	+++++	+++++	+++++	+++++	+++++					
	+++++	+++++					AVRG		0.000e+000		0.000e+000
76 Isosafrole #2	+++++	+++++	+++++	+++++	+++++	+++++					
	+++++	+++++					AVRG		0.000e+000		0.000e+000
77 Biphenyl	+++++	1.33843	1.37739	1.41863	1.66827	1.72267					
	1.72965	1.82629					AVRG		1.58305		12.54349
79 Diphenyl ether	+++++	0.74310	0.75179	0.78056	0.91501	0.94670					
	0.93642	1.00086					AVRG		0.86778		12.22165

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31 1,4-Naphthoquinone	+++++ / 111472	3927 / +++++	8861	27624	61841	90742	WLINR	0.04498	0.38565		0.99196
90 Dimethyl terephthalate	+++++ / 1.28878	1.05680 / 1.35844	1.04799	1.08670	1.27290	1.35602	AVRG		1.20966		11.61472
95 Pentachlorobenzene	+++++ / 0.54933	0.42397 / 0.58079	0.43986	0.45408	0.53619	0.56281	AVRG		0.50672		12.84158
00 1-Naphthylamine	+++++ / 1.17156	0.89151 / 1.21353	0.93575	0.99686	1.14981	1.19019	AVRG		1.07846		12.35135
02 2-Naphthylamine	+++++ / 1.01292	0.86698 / 1.04815	0.92037	0.87235	1.01548	1.06832	AVRG		0.97208		8.63411
04 Thionazin	+++++ / 0.38701	0.27352 / +++++	0.29907	0.32008	0.37821	0.39152	AVRG		0.34157		14.81374
06 5-Nitro-o-toluidine	+++++ / 0.39627	+++++ / 0.40809	0.29115	0.32735	0.38869	0.40630	AVRG		0.36964		13.16684

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Compound	0.2000000 Level 1 / 20.0000 Level 7	1.0000 Level 2 / 30.0000 Level 8	2.0000 Level 3	5.0000 Level 4	10.0000 Level 5	15.0000 Level 6	Curve	Coefficients b	Coefficients m1	Coefficients m2	%RSD or R^2
12 Sulfotepp	+++++ / 0.17470	+++++ / 0.17691	0.12680	0.14013	0.16247	0.17426	AVRG		0.15921		13.19113
16 Atrazine	+++++ / 0.71187	0.99759 / +++++	0.98362	0.89583	0.95014	0.84929	AVRG		0.89806		11.88796
17 1,3,5-Trinitrobenzene	+++++ / 63868	1190 / 106989	2883	10686	26525	44612	WLINR	0.10209	0.10970		0.99016
18 Diallate #1	+++++ / +++++	+++++ / +++++	+++++	+++++	+++++	+++++	AVRG		0.000e+000		0.000e+000
19 Phenacetin	+++++ / 0.48526	+++++ / 0.47884	0.35234	0.39635	0.46504	0.49657	AVRG		0.44573		12.99525
20 Phorate	+++++ / 0.62777	0.44737 / 0.60708	0.46456	0.48865	0.56855	0.60972	AVRG		0.54481		13.94331
21 Dialate #2	+++++ / +++++	+++++ / +++++	+++++	+++++	+++++	+++++	AVRG		0.000e+000		0.000e+000

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24 Dimethoate	+++++	0.23294	0.23750	0.25091	0.26422	0.25017					
	0.21732	0.18226					AVRG		0.23362		11.62889
26 4-Aminobiphenyl	+++++	0.54455	0.56270	0.55900	0.66410	0.70202					
	0.70224	0.66212					AVRG		0.62810		11.15341
29 Pronamide	+++++	9406	18955	52085	115510	185318					
	247527	391293					LINR	0.07134	0.42074		0.99896
28 Pentachloronitrobenzene	+++++	947	2036	5679	12931	20815					
	28579	46481					WLINR	0.10463	0.04993		0.99801
30 Dinoseb	+++++	1325	3383	14474	38750	71547					
	105938	177804					QUAD	0.15105	6.32768	-2.29833	0.99683
31 Disulfoton	+++++	10916	21021	59733	135010	221836					
	310330	496866					WLINR	0.06099	0.51508		0.99456
36 Methyl parathion	+++++	0.17331	0.19495	0.21550	0.23169	0.23135					
	0.20244	0.17439					AVRG		0.20337		11.95639

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	20.0000 Level 7	30.0000 Level 8										
8 Parathion	+++++	3466	8263	25283	54809	90679						
	123815	187292					WLINR	0.07701	0.20468		0.99864	
9 4-Nitroquinoline-1-oxide	+++++	187	560	3393	10281	18246						
	24614	36429					LINR	0.14695	0.04153		0.99432	<-
0 Methapyrilene	+++++	0.12584	0.13893	0.14347	0.14029	0.13380						
	0.11712	0.10311					AVRG		0.12894		11.32867	
1 Isodrin	+++++	+++++	0.10796	0.11479	0.13508	0.14585						
	0.14225	0.14824					AVRG		0.13236		12.83773	
6 Aramite #1	+++++	+++++	+++++	+++++	+++++	+++++						
	+++++	+++++					AVRG		0.000e+000		0.000e+000	<-
8 Aramite #2	+++++	+++++	+++++	+++++	+++++	+++++						
	+++++	+++++					AVRG		0.000e+000		0.000e+000	
9 4-Dimethylaminoazobenzene	+++++	9705	19726	56134	121039	195229						
	261542	402881					WLINR	0.05102	0.44763		0.99744	

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Compound	0.2000000 Level 1 / 20.0000 Level 7	1.0000 Level 2 / 30.0000 Level 8	2.0000 Level 3	5.0000 Level 4	10.0000 Level 5	15.0000 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2
30 Chlorobenzilate	+++++	10491	21165	57625	126242	204816					
	279593	446259					WLINR	0.05583	0.48411		0.99512
31 Famphur	+++++	+++++	+++++	+++++	0.14944	+++++					
	+++++	+++++					AVRG		0.14944		0.000e+000
34 Kepone	+++++	+++++	+++++	+++++	0.02817	+++++					
	+++++	+++++					AVRG		0.02817		0.000e+000
33 3,3'-Dimethylbenzidine	+++++	0.31574	0.27652	0.30050	0.32914	0.32198					
	0.28357	0.26165					AVRG		0.29844		8.49308
35 2-Acetylaminofluorene	+++++	11457	24633	73313	159536	257898					
	347517	533177					WLINR	0.05865	0.59498		0.99749
35 7,12-Dimethylbenz(a)anthracen	+++++	14322	28955	82472	181394	291932					
	398431	618439					WLINR	0.05379	0.78546		0.99661
0 3-MethylCholanthrene	+++++	14308	28459	81533	176140	283861					
	382121	594974					WLINR	0.05004	0.75612		0.99706

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Compound	0.2000000 Level 1	1.0000 Level 2	2.0000 Level 3	5.0000 Level 4	10.0000 Level 5	15.0000 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2
	20.0000 Level 7	30.0000 Level 8									
57 4,4-Methylenebis(2-chloroa	+++++	0.07523	0.08259	0.09053	0.10542	0.10827					
	0.10702	0.11041					AVRG		0.09707		14.57843
72 Dibenz(a,j)acridine	+++++	0.76474	0.78205	0.83608	0.99332	1.06277					
	1.04933	1.06335					AVRG		0.93595		14.56060
81 Diallate (total)	+++++	0.12675	0.13370	0.13825	0.15880	0.17037					
	0.16847	0.17445					AVRG		0.15297		12.83743
82 Aramite (total)	+++++	0.11462	0.11793	0.13439	0.15735	0.16318					
	0.15594	0.15215					AVRG		0.14222		13.96866
80 Isosafrol (cis + trans)	+++++	0.45919	0.48850	0.51556	0.59743	0.61419					
	0.60441	0.63269					AVRG		0.55885		12.40459

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rage %RSD Results.
culated Average %RSD = 11.34940
imun Average %RSD = 15.00000
assed Average %RSD Test.

rve	Formula	Units
eraged	Amt = Rsp/mi	Response
near	Amt = b + Rsp/m1	Response
Linear	Amt = b + Rsp/m1	Response
ad	Amt = b + mi*Rsp + m2*Rsp^2	Response

STL AUSTIN

MS SEMI DATA REVIEW CHECK LIST

Work Order Numbers / Lab Sample Numbers

I7K020151	I7K020325
I7K020168	
I7J240194 (dilution)	
I7K020101	
I7K060171	

Method Name/Type: M8270c 1/625

Instrument ID: MSN1

Analysis Date: 11/8/2007

ICAL Date: 11/8/2007

Review Item	YES	NO	N/A	2nd Review
Tuning				
DFTPP tuning criteria met	✓			✓
Mass list, RIC, and mass spectrum included	✓			✓
Correct DFTPP included with analytical runs	✓			✓
Tailing (for PCP & Benzidine) and degradation (for DDT) criteria met	✓			✓
Initial Calibration				
RRF and %RSD within acceptance limits	✓			✓
Runs checked for saturation	✓			✓
CLP only: surrogates and internal stds. labeled on chromatograms	✓			✓
Second source check standard analyzed successfully	✓			✓
Continuing Calibration				
RRF and % Difference within acceptance criteria	✓			✓
Sample Analysis				
Sample name and header information correct	✓			✓
RRT of identified cmpds. w/i +/-0.06 RRT units of RRT of std.comp.	✓			✓
Ions present in standard spectra with abundance of >10% of base ion present in sample spectra	✓			✓
Surrogate recoveries within limits high result		✓		✓
Quantified against appropriate standard (see note)	✓			✓
Run(s) within linear range	✓			✓
Sample hold times met	✓			✓
TCL match	✓			✓
Quality Control Samples				
Method blanks less than reporting limits	✓			✓
Method blanks analyzed at required frequency	✓			✓
LCS spike % recoveries within limits	✓			✓
MS/MSD spike % recoveries within limits		✓		✓
MS/MSD/DUPs RPD within limits		✓		✓
Other				
All nonconformances included and noted	✓			
Required forms completed	✓			✓
Correct methodology used	✓			✓
All unused analyses noted on the sequence with the reason?	✓			✓
Transcriptions checked for accuracy	✓			✓
All calculations checked at minimum frequency	✓			✓
Data checked for potential false positive and false negative results	✓			✓
Manual integration checked by 2nd reviewer			✓	✓
Units checked	✓			✓

Comment on any "NO" response:

high surrogates in QC, B/K, LCS, LCSD for every batch analyzed
NCM written, probable concentration of spiking solution

Analyst: Mark Malloy [signature] Date: 11/15/07

2nd Review: [signature] Date: 11-19-07

INSTRUMENT GCMS-N1 (MSD4) ANALYST / DATE: Mark Mallm 11-8-7
SHIFT (Circle) 1 2 3 METHOD / TEST: M8270 1628
COMPUTER CLOCK DATE / TIME: SOP #: AUS MS 0005

DAILY CHECK ✓	INSERT CHANGED clean	SEPTA CHANGED X	COLUMN CHANGED X	AUTOSAMPLER MAINT. X
M. PUMP OIL Y	TURBO OIL Y	FILAMENT CHANGE X	OTHER N/A	

DAILY CHECK includes sufficient carrier and detector gases, correct column flow/pressure, condition of septa, etc. Glass insert, septa, column and gases changed as needed. Source cleaned as needed. Mechanical pump oil and turbomolecular pump oil changed semiannually (usually on service contract). OTHER is for minor maintenance performed or for reference to Repair Log for major repairs.

MASS SPECTROMETER CONDITIONS:

Tune File: NDETPP.V
Elect Mult. 1578 volts
Tuning Performance (circle one):
DFTPP Autotune Other

Sampling Rate 2^^ 1
Scan Range 35-500 amu
Interface (circle one):
Direct Jet Separator Other

GC PROGRAM:

GC Meth. N1108BPM
Inj. Temp. 270 C
Carrier Gas: Helium
Flow/Pressure 15-19 psi

Initial Temp. 55 C
Init.Hold 0.5 min
Ramp 15°/m C/min
Final Temp. 325 C

Final Hold 2.00 min
Other Program or Special Conditions:

GC COLUMN:

Column ID#: MS10 # 275 (Circle one) Packed Capillary
Phases/Loadings: 5% DB-5, 620 i.d. 0.18 mm Length 20 m
Injection Type (Circle & Describe): Purge & Trap
Split Splitless closed

INSTRUMENT SEQUENCE:

Sample Name, Sample Number, Dilution, etc. Autosampler #

MM 11-13-7

```
Comment:
Operator: MalloyM
Data Path: D:\MSN1.I\N110807.B\
Pre-Seq Cmd:
Post-Seq Cmd:

Method Sections To Run      On A Barcode Mismatch
(X) Full Method             (X) Inject Anyway
( ) Reprocessing Only       ( ) Don't Inject

Line Type   Vial DataFile Method   Sample Name
   1 Sample    1 N110801 NDFTPP    DFTPP;DFTPP;;;;;;;  SMTuneSTD
   2 Sample    2 N110802 N1108BP   Ccalib_5;HSL_10;2;5;3;;;; SM
   3 Sample    3 N110803 N1108BP   Icalib_1;HSL_0.2;1;1;3;;;; S
   4 Sample    4 N110804 N1108BP   Icalib_2;HSL_1;;1;2;3;;;; SMB
   5 Sample    5 N110805 N1108BP   Icalib_3;HSL_2;;1;3;3;;;; SMB
   6 Sample    6 N110806 N1108BP   Icalib_4;HSL_5;;1;4;3;;;; SMB
   7 Sample    7 N110807 N1108BP   Icalib_5;HSL_10;;1;5;3;;;; SM
   8 Sample    8 N110808 N1108BP   Icalib_6;HSL_15;;1;6;3;;;; SM
   9 Sample    9 N110809 N1108BP   Icalib_7;HSL_20;;1;7;3;;;; SM
  10 Sample   10 N110810 N1108BP   Icalib_8;HSL_30;;1;8;3;;;; SM
  11 Sample   11 N110811 N1108BP   Icalib_2;AP9_1;;1;2;3;;;; SMB
  12 Sample   12 N110812 N1108BP   Icalib_3;AP9_2;;1;3;3;;;; SMB
  13 Sample   13 N110813 N1108BP   Icalib_4;AP9_5;;1;4;3;;;; SMB
  14 Sample   14 N110814 N1108BP   Icalib_5;AP9_10;;1;5;3;;;; SM
  15 Sample   15 N110815 N1108BP   Icalib_6;AP9_15;;1;6;3;;;; SM
  16 Sample   16 N110816 N1108BP   Icalib_7;AP9_20;;1;7;3;;;; SM
  17 Sample   17 N110817 N1108BP   Icalib_8;AP9_30;;1;8;3;;;; SM
  18 Sample   18 N110818 N1108BP   SSV_1;HSL_10;;;3;;;; SMBPHSL
  19 Sample   19 N110819 N1108BP   SSV_2;HSL_10;;;3;;;; SMBPHSL
  20 Sample   20 N110820 NDFTPP    DFTPP;DFTPP;;;;;;;  SMTuneSTD
  21 Sample   21 N110821 N1108BP   Ccalib_5;HSL_10;;2;;5;3;;;; SM
  22 Sample   22 N110822 N1108BP   Ccalib_5;AP9_10;;2;;5;3;;;; SM
  23 Sample   23 N110823 N1108BP   KAKMJ1AAB;I7K060000-083;1;0;;
  24 Sample   24 N110824 N1108BP   KAKMJ1ACC;I7K060000-083;1;0;;
  25 Sample   25 N110825 N1108BP   KAKMJ1ADL;I7K060000-083;1;0;;
  26 Sample   26 N110826 N1108BP   KAEEK1AD;I7K020151-008;1;0;;1
  27 Sample   27 N110827 N1108BP   KAEEL1AD;I7K020151-009;1;0;;1
  28 Sample   28 N110828 N1108BP   KAEEN1AD;I7K020151-010;1;0;;1
  29 Sample   29 N110829 N1108BP   KAEEP1AD;I7K020151-011;1;0;;1
  30 Sample   30 N110830 N1108BP   KAEEV1AD;I7K020151-012;1;0;;1
  31 Sample   31 N110831 N1108BP   KAEEG1AD;I7K020151-013;1;0;;1
  32 Sample   32 N110832 N1108BP   KAEE51AD;I7K020151-015;1;0;;1
  33 Sample   33 N110833 N1108BP   KAEE81AD;I7K020151-016;1;0;;1
  34 Sample   34 N110834 N1108BP   KAEFAJAD;I7K020151-017;1;0;;1
  35 Sample   35 N110835 N1108BP   KAEFC1AB;I7K030151-018;1;0;;1
  36 Sample   36 N110836 N1108BP   KAEFF1AD;I7K020151-019;1;0;;1
  37 Sample   37 N110837 N1108BP   KAG8W1AA;I7K030168-001;1;0;;1
  38 Sample   38 N110838 N1108BP   KAG841AA;I7K030168-002;1;0;;1
  39 Sample   39 N110839 N1108BP   KAG861AA;I7K030168-003;1;0;;1
  40 Sample   40 N110840 N1108BP   KAG871AA;I7K030168-004;1;0;;1
  41 Sample   41 N110841 N1108BP   KAG891AA;I7K030168-005;1;0;;1
  42 Sample   42 N110842 N1108BP   KAG9A1AA;I7K030168-006;1;0;;1
  43 Sample   43 N110843 N1108BP   KAG9D1AA;I7K030168-007;1;0;;1
  44 Sample   44 N110844 N1108BP   KAG9G1AA;I7K030168-008;1;0;;1
  45 Sample   45 N110845 N1108BP   KAG9J1AA;I7K030168-010;1;0;;1
  46 Sample   46 N110846 N1108BP   J9P0540C;I7J240194-01;5000;0
  47 Sample   47 N110847 N1108BP   J9P053AC;I7J240194-01;10000;0
  48 Sample   48 N110848 N1108BP   SSB CHK 8ng 565 RR 1.0 1.100
  49 Sample   49 N110849 N1108BP   KAKKR1AAB;I7K060000-085;1;0;;
  50 Sample   50 N110850 N1108BP   KAKKR1ACC;I7K060000-085;1;0;;
  51 Sample   51 N110851 N1108BP   KADQA1AA;I7KD20101-01;1;0;;1
  52 Sample   52 N110852 N1108BP   KADQG1AA;I7KD20101-03;1;0;;1
  53 Sample   53 N110853 N1108BP   KADQG1AU5;I7KD20101-035;1;0;;
  54 Sample   54 N110854 N1108BP   KADQG1AVD;I7K020101-03D;1;0;;
  55 Sample   55 N110855 N1108BP   KAFWR1AA;I7KD20325-01;1;0;;1
  56 Sample   56 N110856 N1108BP   KAPTQ1AAB;I7K070000-487;1;0;;
  57 Sample   57 N110857 N1108BP   KAPTQ1ACC;I7K070000-487;1;0;;
  58 Sample   58 N110858 N1108BP   KAPTQ1ADL;I7K070000-487;1;0;;
  59 Sample   59 N110859 N1108BP   KAKQ81AA;I7K060121-01;1;0;;1
```

Sequence Name: D:\MSN1.I\SEQUENCE\N110807.S
Comment:
Operator: MalloyM
Data Path: D:\MSN1.I\N110807.B\
Pre-Seq Cmd:
Post-Seq Cmd:

Method Sections To Run
(X) Full Method
( ) Reprocessing Only

On A Barcode Mismatch
(X) Inject Anyway
( ) Don't Inject

Line	Type	Vial	DataFile	Method	Sample Name
1	Sample	1	N110801	NDFTPP	DFTPP;DFTPP;;;;;;; SMTuneSTD
2	Sample	2	N110802	N1108BP	Ccalib_5;HSL_10;;2;5;3;;;; SM
3	Sample	3	N110803	N1108BP	Icalib_1;HSL_0.2;;1;1;3;;;; S
4	Sample	4	N110804	N1108BP	Icalib_2;HSL_1;;1;2;3;;;; SMB
5	Sample	5	N110805	N1108BP	Icalib_3;HSL_2;;1;3;3;;;; SMB
6	Sample	6	N110806	N1108BP	Icalib_4;HSL_5;;1;4;3;;;; SMB
7	Sample	7	N110807	N1108BP	Icalib_5;HSL_10;;1;5;3;;;; SM
8	Sample	8	N110808	N1108BP	Icalib_6;HSL_15;;1;6;3;;;; SM
9	Sample	9	N110809	N1108BP	Icalib_7;HSL_20;;1;7;3;;;; SM
10	Sample	10	N110810	N1108BP	Icalib_8;HSL_30;;1;8;3;;;; SM
11	Sample	11	N110811	N1108BP	Icalib_2;AP9_1;;1;2;3;;;; SMB
12	Sample	12	N110812	N1108BP	Icalib_3;AP9_2;;1;3;3;;;; SMB
13	Sample	13	N110813	N1108BP	Icalib_4;AP9_5;;1;4;3;;;; SMB
14	Sample	14	N110814	N1108BP	Icalib_5;AP9_10;;1;5;3;;;; SM
15	Sample	15	N110815	N1108BP	Icalib_6;AP9_15;;1;6;3;;;; SM
16	Sample	16	N110816	N1108BP	Icalib_7;AP9_20;;1;7;3;;;; SM
17	Sample	17	N110817	N1108BP	Icalib_8;AP9_30;;1;8;3;;;; SM
18	Sample	18	N110818	N1108BP	SSV_1;HSL_10;;;;3;;;; SMBPHSL
19	Sample	19	N110819	N1108BP	SSV_2;HSL_10;;;;3;;;; SMBPHSL
20	Sample	20	N110820	NDFTPP	DFTPP;DFTPP;;;;;;; SMTuneSTD
21	Sample	21	N110821	N1108BP	Ccalib_5;HSL_10;;2;5;3;;;; SM
22	Sample	22	N110822	N1108BP	Ccalib_5;AP9_10;;2;5;3;;;; SM
23	Sample	23	N110823	N1108BP	KAKMJ1AAB;I7K060000-083;1;0;;
24	Sample	24	N110824	N1108BP	KAKMJ1ACC;I7K060000-083;1;0;;
25	Sample	25	N110825	N1108BP	KAKMJ1ADL;I7K060000-083;1;0;; (11-16)
26	Sample	26	N110826	N1108BP	KAEEK1AD;I7K020151-008;1;0;;1
27	Sample	27	N110827	N1108BP	KAEEL1AD;I7K020151-009;1;0;;1
28	Sample	28	N110828	N1108BP	KAEEN1AD;I7K020151-010;1;0;;1
29	Sample	29	N110829	N1108BP	KAEEP1AD;I7K020151-011;1;0;;1
30	Sample	30	N110830	N1108BP	KAEEV1AD;I7K020151-012;1;0;;1
31	Sample	31	N110831	N1108BP	KAEE01AD;I7K020151-013;1;0;;1
32	Sample	32	N110832	N1108BP	KAEE51AD;I7K020151-015;1;0;;1
33	Sample	33	N110833	N1108BP	KAEE81AD;I7K020151-016;1;0;;1
34	Sample	34	N110834	N1108BP	KAEFA1AD;I7K020151-017;1;0;;1
35	Sample	~~35~~	~~N110835~~	~~N1108BP~~	~~KAEFC1AD;I7K020151-018;1;0;;1~~ not used
36	Sample	36	N110836	N1108BP	KAEFF1AD;I7K020151-019;1;0;;1
37	Sample	37	N110837	N1108BP	KAG8W1AA;I7K030168-001;1;0;;1
38	Sample	38	N110838	N1108BP	KAG841AA;I7K030168-002;1;0;;1
39	Sample	39	N110839	N1108BP	KAG861AA;I7K030168-003;1;0;;1
40	Sample	40	N110840	N1108BP	KAG871AA;I7K030168-004;1;0;;1
41	Sample	41	N110841	N1108BP	KAG891AA;I7K030168-005;1;0;;1
42	Sample	42	N110842	N1108BP	KAG9A1AA;I7K030168-006;1;0;;1
43	Sample	43	N110843	N1108BP	KAG9D1AA;I7K030168-007;1;0;;1
44	Sample	44	N110844	N1108BP	KAG9G1AA;I7K030168-008;1;0;;1
45	Sample	45	N110845	N1108BP	KAG9J1AA;I7K030168-010;1;0;;1
46	Sample	~~46~~	~~N110846~~	~~N1108BP~~	~~J9PJ54AC;I7J240194-01;5000;0;~~ not used
47	Sample	47	N110847	N1108BP	J9PJ53AC;I7J240194-01;10000;0
48	Sample	~~48~~	~~N110848~~	~~N1108BP~~	~~LCS CHK STD;LCS RR;1;0;;1;100~~ not used
49	Sample	49	N110849	N1108BP	KAKKR1AAB;I7K060000-085;1;0;;
50	Sample	50	N110850	N1108BP	KAKKR1ACC;I7K060000-085;1;0;;
51	Sample	51	N110851	N1108BP	KADQA1AA;I7K020101-01;1;0;;1;
52	Sample	52	N110852	N1108BP	KADQG1AA;I7K020101-03;1;0;;1;
53	Sample	53	N110853	N1108BP	KADQG1AUS;I7K020101-03S;1;0;;
54	Sample	54	N110854	N1108BP	KADQG1AVD;I7K020101-03D;1;0;;
55	Sample	55	N110855	N1108BP	KAFWR1AA;I7K020325-01;1;0;;1;
56	Sample	56	N110856	N1108BP	KAPTQ1AAB;I7K070000-487;1;0;;
57	Sample	57	N110857	N1108BP	KAPTQ1ACC;I7K070000-487;1;0;;
58	Sample	58	N110858	N1108BP	KAPTQ1ADL;I7K070000-487;1;0;;
59	Sample	59	N110859	N1108BP	KAKQ81AA;I7K060121-01;1;0;;1;

JG 11-19-97

FORM 5
SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Contract:

Lab Code: Case No.: SAS No.: SDG No.: N110807.B

Lab File ID: N110801 DFTPP Injection Date: 11/08/07

Instrument ID: MSN1 DFTPP Injection Time: 1243

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	58.3
68	Less than 2.0% of mass 69	0.0 (0.0)1
69	Mass 69 relative abundance	55.2
70	Less than 2.0% of mass 69	0.3 (0.6)1
127	40.0 - 60.0% of mass 198	54.8
197	Less than 1.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	6.7
275	10.0 - 30.0% of mass 198	27.7
365	Greater than 1.0% of mass 198	3.69
441	Present, but less than mass 443	10.7
442	Greater than 40.0% of mass 198	73.7
443	17.0 - 23.0% of mass 442	14.2 (19.2)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO:	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	HSL_10	CCALIB_5	N110802	11/08/07	1304
02	AP9_1	ICALIB_2	N110811	11/08/07	1617
03	AP9_2	ICALIB_3	N110812	11/08/07	1638
04	AP9_5	ICALIB_4	N110813	11/08/07	1659
05	AP9_10	ICALIB_5	N110814	11/08/07	1720
06	AP9_15	ICALIB_6	N110815	11/08/07	1741
07	AP9_20	ICALIB_7	N110816	11/08/07	1802
08	AP9_30	ICALIB_8	N110817	11/08/07	1823
09	HSL_10	SSV_1	N110818	11/08/07	1844
10	HSL_10	SSV_2	N110819	11/08/07	1905
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					

FORM 5
SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Contract:

Lab Code: Case No.: SAS No.: SDG No.: N110807.B

Lab File ID: N110801 DFTPP Injection Date: 11/08/07

Instrument ID: MSN1 DFTPP Injection Time: 1243

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	58.3
68	Less than 2.0% of mass 69	0.0 (0.0)1
69	Mass 69 relative abundance	55.2
70	Less than 2.0% of mass 69	0.3 (0.6)1
127	40.0 - 60.0% of mass 198	54.8
197	Less than 1.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	6.7
275	10.0 - 30.0% of mass 198	27.7
365	Greater than 1.0% of mass 198	3.69
441	Present, but less than mass 443	10.7
442	Greater than 40.0% of mass 198	73.7
443	17.0 - 23.0% of mass 442	14.2 (19.2)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	HSL_10	CCALIB_5	N110802	11/08/07	1304
02	HSL_0.2	ICALIB_1	N110803	11/08/07	1326
03	HSL_1	ICALIB_2	N110804	11/08/07	1347
04	HSL_2	ICALIB_3	N110805	11/08/07	1408
05	HSL_5	ICALIB_4	N110806	11/08/07	1429
06	HSL_10	ICALIB_5	N110807	11/08/07	1450
07	HSL_15	ICALIB_6	N110808	11/08/07	1511
08	HSL_20	ICALIB_7	N110809	11/08/07	1532
09	HSL_30	ICALIB_8	N110810	11/08/07	1555
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					

Data File: \\aussvr02\INS_DATA\MSN1.i\N110807.B\N110801.D Page 1
Report Date: 09-Nov-2007 09:24

TestAmerica Laboratories, Inc.

Data file : \\aussvr02\INS_DATA\MSN1.i\N110807.B\N110801.D
Lab Smp Id: DFTPP Client Smp ID: DFTPP
Inj Date : 08-NOV-2007 12:43
Operator : MalloyM Inst ID: MSN1.i
Smp Info : DFTPP;DFTPP;;;;;;; SMTuneSTD0003
Misc Info : ; ; DFTPP
Comment :
Method : \\aussvr02\INS_DATA\MSN1.i\N110807.B\NDFTPP.m
Meth Date : 11-Oct-2007 08:14 malloym Quant Type: ESTD
Cal Date : Cal File:
Als bottle: 1 QC Sample: DFTPP
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14 Sample Matrix: None
Processing Host: AUS4K7MV21

RT	EXP RT	DLT RT	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
1 dftpp							CAS #: 5074-71-5	
6.874	7.228	-0.354	198	231168			0.00- 100.00	100.00
6.874	7.153	-0.279	51	134656			30.00- 60.00	58.25
6.874	7.153	-0.279	68	0	0.0	0.0	0.00- 2.00	0.00
6.874	7.153	-0.279	69	127520			0.00- 0.00	55.16
6.874	7.153	-0.279	70	775			0.00- 2.00	0.61
6.874	7.153	-0.279	127	126672			40.00- 60.00	54.80
6.874	7.153	-0.279	197	0	0.0	0.0	0.00- 1.00	0.00
6.874	7.153	-0.279	199	15519			5.00- 9.00	6.71
6.874	7.153	-0.279	275	63920			10.00- 30.00	27.65
6.874	7.153	-0.279	365	8541			1.00- 0.00	3.69
6.874	7.153	-0.279	441	24736			0.01- 99.99	75.51
6.874	7.153	-0.279	442	170368			40.00- 0.00	73.70
6.874	7.153	-0.279	443	32760			17.00- 23.00	19.23

✓

MM 11-9-7

JG 1507

Data File: \\aussvr02\INS_DATA\MSN1.i\N110807.B\N110801.D

Date : 08-NOV-2007 12:43

Client ID: DFTPP

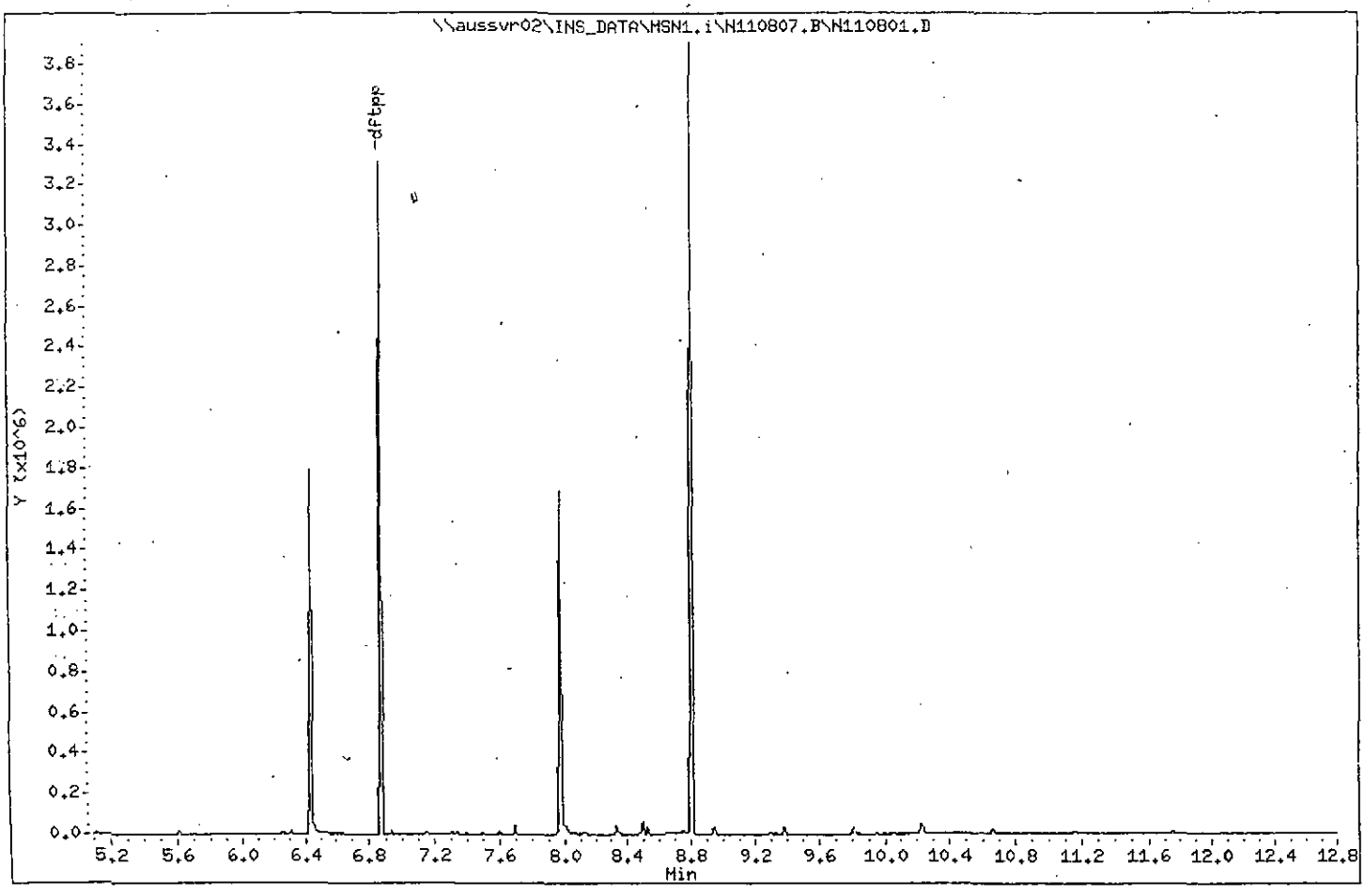
Instrument: MSN1.i

Sample Info: DFTPP;DFTPP;;;;;;;; SMTuneSTD0003

Operator: MalloyM

Column phase: Rtx-5 MS

Column diameter: 0.25



Data File: \\aussvr02\INS_DATA\MSN1.i\N110807.B\N110801.D

Date : 08-NOV-2007 12:43

Client ID: DFTPP

Instrument: MSN1.i

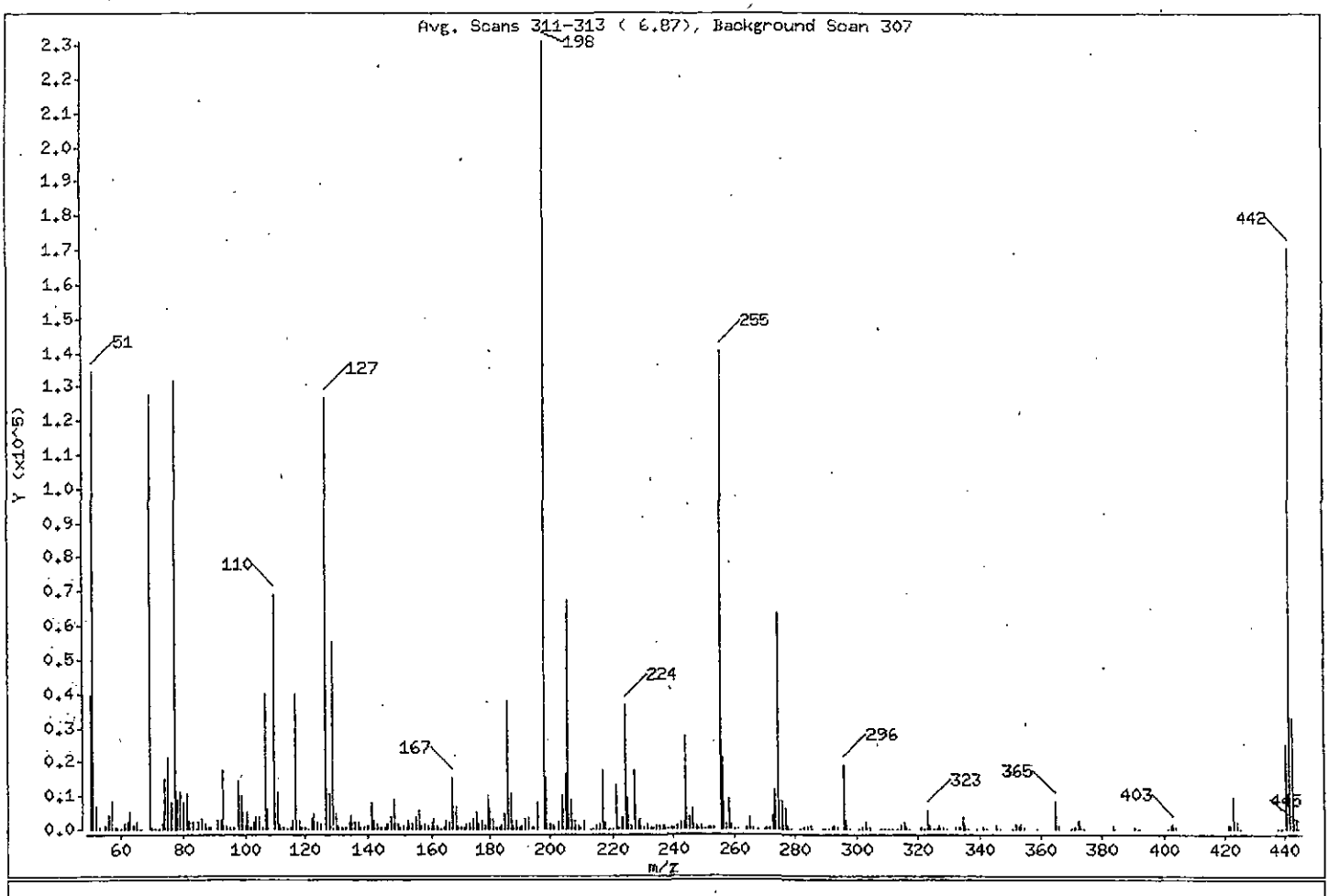
Sample Info: DFTPP;DFTPP;;;;;;;; SMTuneSTD0003

Operator: MalloyM

Column phase: Rtx-5 MS

Column diameter: 0.25

1 dftpp



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 60.00% of mass 198	58.25
68	Less than 2.00% of mass 69	0.00 (0.00)
69	Mass 69 relative abundance	55.16
70	Less than 2.00% of mass 69	0.34 (0.61)
127	40.00 - 60.00% of mass 198	54.80
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.71
275	10.00 - 30.00% of mass 198	27.65
365	Greater than 1.00% of mass 198	3.69
441	Present, but less than mass 443	10.70
442	Greater than 40.00% of mass 198	73.70
443	17.00 - 23.00% of mass 442	14.17 (19.23)

Data File: \\aussvr02\INS_DATA\MSN1.i\N110807.B\N110801.D

Date : 08-NOV-2007 12:43

Client ID: DFTPP

Instrument: MSN1.i

Sample Info: DFTPP;DFTPP;;;;;;; SMTuneSTD0003

Operator: HalloyM

Column phase: Rtx-5 MS

Column diameter: 0.25

Data File: N110801.D

Spectrum: Avg. Scans 311-313 (6.87), Background Scan 307

Location of Maximum: 198.00

Number of points: 296

m/z	Y	m/z	Y	m/z	Y	m/z	Y
50.00	39272	131.00	911	208.00	2661	293.00	1223
51.00	134656	132.00	487	209.00	843	294.00	365
52.00	6940	133.00	369	210.00	599	296.00	19224
53.00	344	134.00	1889	211.00	2612	297.00	2885
55.00	829	135.00	4464	213.00	168	298.00	153
56.00	4147	136.00	1884	214.00	59	301.00	213
57.00	8647	137.00	2342	215.00	955	302.00	365
58.00	460	138.00	495	216.00	1612	303.00	2135
59.00	270	139.00	364	217.00	17696	304.00	592
60.00	241	140.00	808	218.00	2293	308.00	230
61.00	1824	141.00	7877	219.00	164	309.00	148
62.00	2159	142.00	2458	220.00	89	310.00	227
63.00	5305	143.00	1607	221.00	13282	311.00	52
64.00	811	144.00	400	222.00	613	313.00	128
65.00	2376	145.00	353	223.00	3759	314.00	1015
66.00	167	146.00	1373	224.00	36464	315.00	2216
67.00	87	147.00	3819	225.00	9614	316.00	1103
69.00	127520	148.00	9249	226.00	1036	317.00	147
70.00	775	149.00	1830	227.00	17536	321.00	581
71.00	151	150.00	426	228.00	2480	322.00	166
72.00	65	151.00	872	229.00	3434	323.00	5630
73.00	1359	152.00	700	230.00	517	324.00	1110
74.00	14712	153.00	2499	231.00	1374	325.00	65
75.00	21040	154.00	1755	232.00	271	326.00	52
76.00	8113	155.00	3923	233.00	354	327.00	1084
77.00	131584	156.00	5817	234.00	1093	328.00	573
78.00	9043	157.00	1045	235.00	1161	329.00	102
79.00	10979	158.00	1501	236.00	818	332.00	438
80.00	7759	159.00	961	237.00	1253	333.00	570
81.00	10413	160.00	2135	238.00	125	334.00	3815
82.00	2577	161.00	3171	239.00	674	335.00	1061
83.00	2219	162.00	972	240.00	517	336.00	65
84.00	258	163.00	240	241.00	934	339.00	110
85.00	1877	164.00	391	242.00	1953	341.00	630
86.00	3169	165.00	2890	243.00	2056	342.00	175

Data File: \\aussvr02\INS_DATA\MSN1.i\N110807.B\N110801.D

Date : 08-NOV-2007 12:43

Client ID: DFTPP

Instrument: MSN1.i

Sample Info: DFTPP;DFTPP;;;;;;; SMTuneSTD0003

Operator: MalloyM

Column phase: Rtx-5 MS

Column diameter: 0.25

Data File: N110801.D
Spectrum: Avg. Scans 311-313 (6.87), Background Scan 307
Location of Maximum: 198.00
Number of points: 296

m/z	Y	m/z	Y	m/z	Y	m/z	Y
87.00	1489	166.00	2246	244.00	27576	346.00	1291
88.00	502	167.00	15165	245.00	3697	347.00	205
89.00	293	168.00	6823	246.00	6383	351.00	102
91.00	2487	169.00	1186	247.00	1275	352.00	1708
92.00	2913	170.00	533	248.00	277	353.00	1182
93.00	17768	171.00	731	249.00	1043	354.00	1800
94.00	1194	172.00	1384	250.00	156	355.00	395
95.00	423	173.00	1643	251.00	277	359.00	51
96.00	772	174.00	2994	252.00	289	365.00	8541
98.00	14405	175.00	5222	253.00	643	366.00	1112
99.00	9925	176.00	1579	255.00	140480	370.00	140
100.00	850	177.00	2742	256.00	21104	371.00	395
101.00	5104	178.00	883	257.00	1668	372.00	2909
102.00	346	179.00	10131	258.00	9211	373.00	798
103.00	2067	180.00	6473	259.00	1459	374.00	52
104.00	3939	181.00	3106	260.00	262	383.00	824
105.00	3478	182.00	623	261.00	232	384.00	168
106.00	385	183.00	301	264.00	415	390.00	416
107.00	40120	184.00	977	265.00	3745	391.00	234
108.00	6208	185.00	4957	266.00	715	392.00	115
110.00	68936	186.00	37856	268.00	205	401.00	148
111.00	10906	187.00	10835	270.00	249	402.00	1148
112.00	1384	188.00	1127	271.00	403	403.00	1577
113.00	528	189.00	2713	272.00	444	404.00	621
114.00	54	190.00	476	273.00	4020	421.00	1232
115.00	363	191.00	1198	274.00	11702	422.00	1206
116.00	2832	192.00	3299	275.00	63920	423.00	9719
117.00	39664	193.00	3522	276.00	8509	424.00	1985
118.00	2707	194.00	743	277.00	6494	425.00	218
119.00	336	195.00	371	278.00	1062	438.00	64
120.00	611	196.00	8029	279.00	146	439.00	168
121.00	264	198.00	231168	282.00	150	441.00	24736
122.00	3159	199.00	15519	283.00	661	442.00	170368
123.00	4539	200.00	1508	284.00	495	443.00	32760
124.00	1980	201.00	1069	285.00	1104	444.00	3053

Data File: \\aussvr02\INS_DATA\MSN1.i\N110807.B\N110801.D

Date : 08-NOV-2007 12:43

Client ID: DFTPP Instrument: MSN1.i

Sample Info: DFTPP;DFTPP;;;;;;; SMTuneSTD0003

Operator: MalloyM

Column phase: Rtx-5 MS Column diameter: 0.25

Data File: N110801.D

Spectrum: Avg. Scans 311-313 (6.87), Background Scan 307

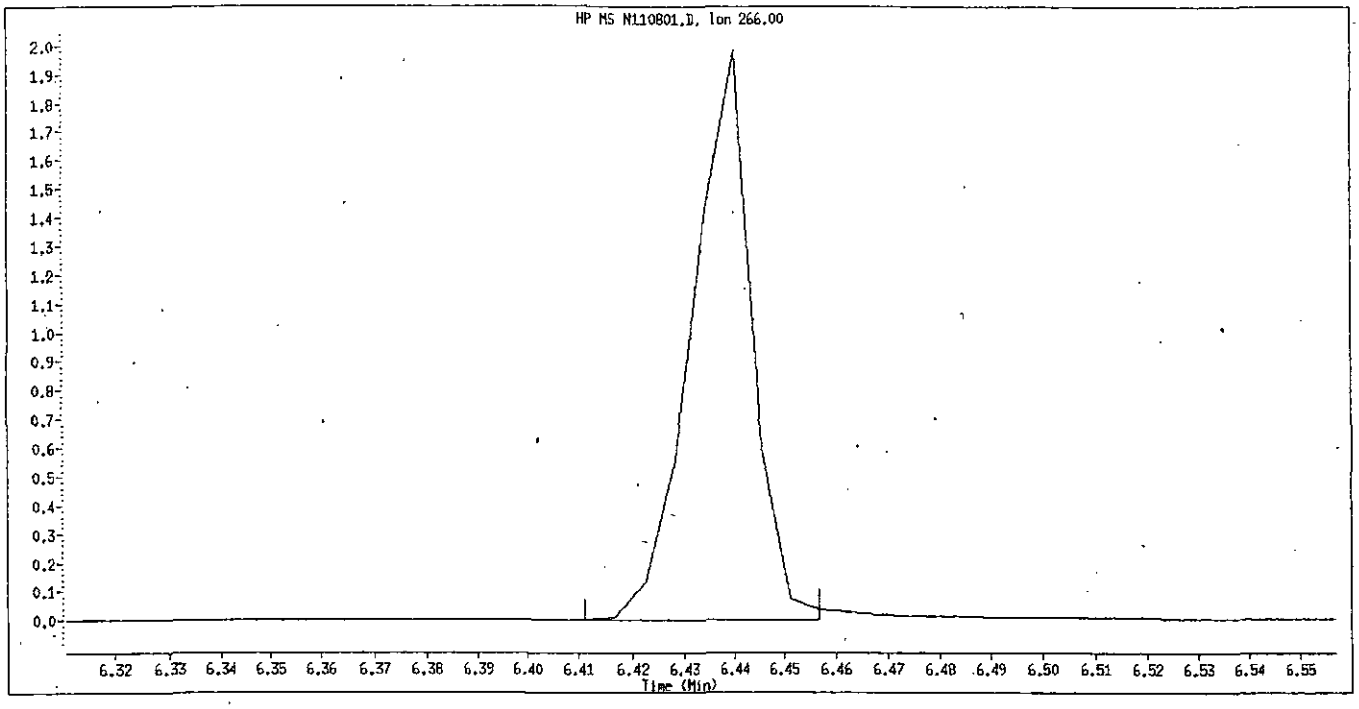
Location of Maximum: 198.00

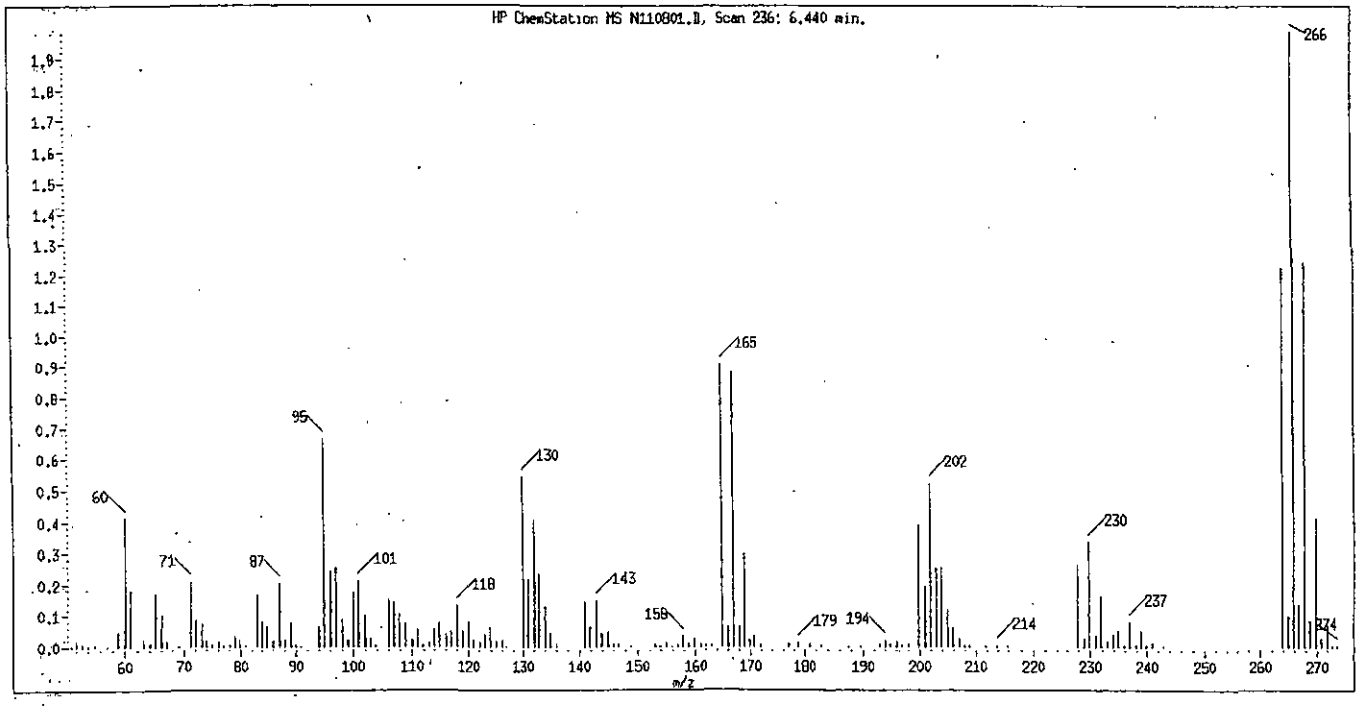
Number of points: 296

m/z	Y	m/z	Y	m/z	Y	m/z	Y
125.00	1666	203.00	2087	286.00	177	445.00	206
127.00	126672	204.00	9836	289.00	189		
128.00	10533	205.00	16278	290.00	176		
129.00	55424	206.00	67504	291.00	130		
130.00	4745	207.00	8852	292.00	276		

Data File: N110801.D
Inj Date: 08-NOV-2007 12:43
Instrument ID: MSN1.i
Compound Name: Pentachlorophenol
Operator Name: MalloyM
Report Date: 11/13/2007

TAILING FACTOR

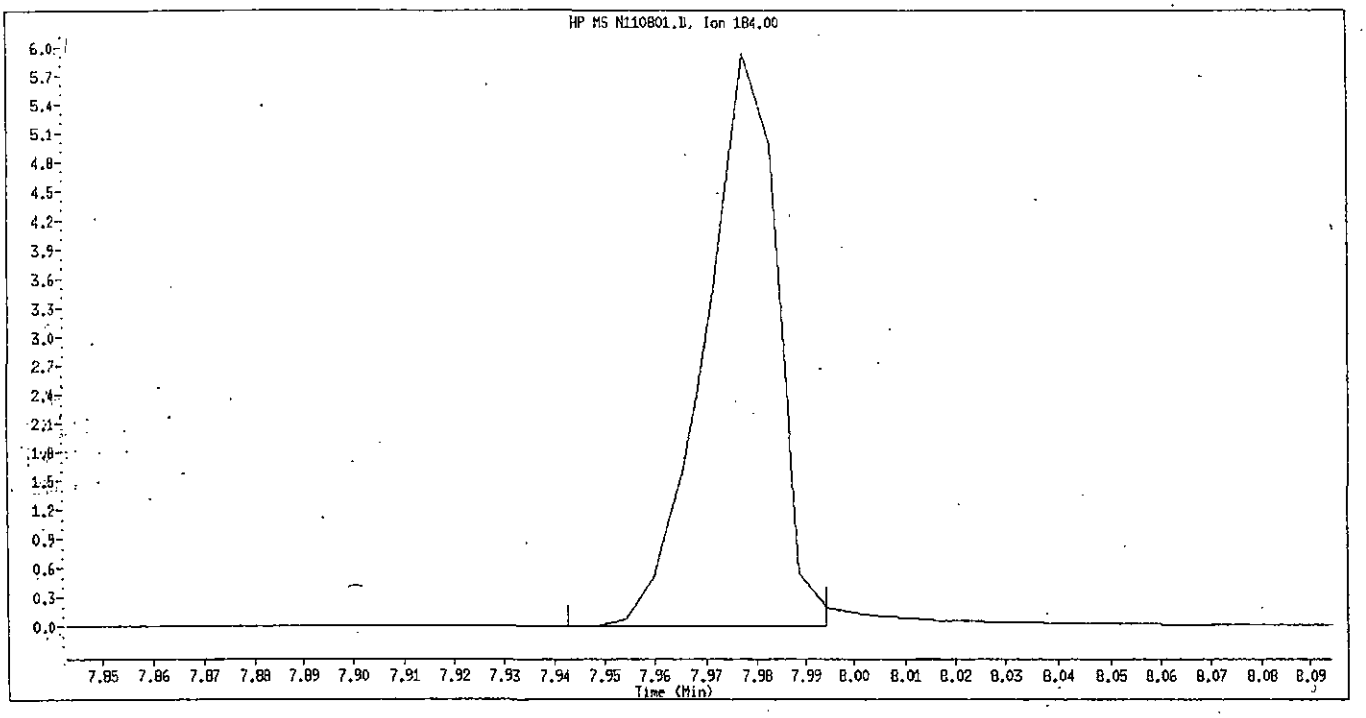


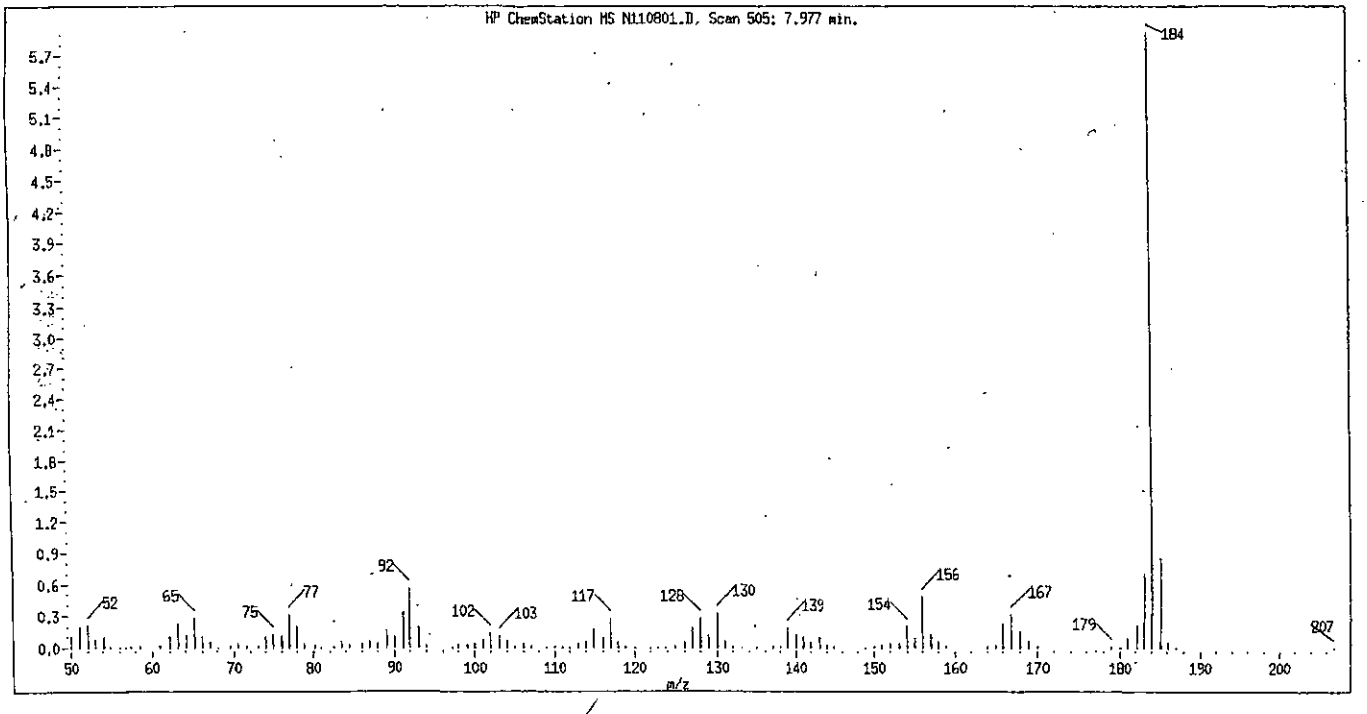


Tailing Factor = 0.618 Good
Acceptance Criteria 0 - 5
Tailing Factor = (T3 - T2) / (T2 - T1)
T1 = 6.423479 T2 = 6.439733 T3 = 6.449785

Data File: N110801.D
Inj Date: 08-NOV-2007 12:43
Instrument ID: MSN1.i
Compound Name: Benzidine
Operator Name: MalloyM
Report Date: 11/13/2007

TAILING FACTOR

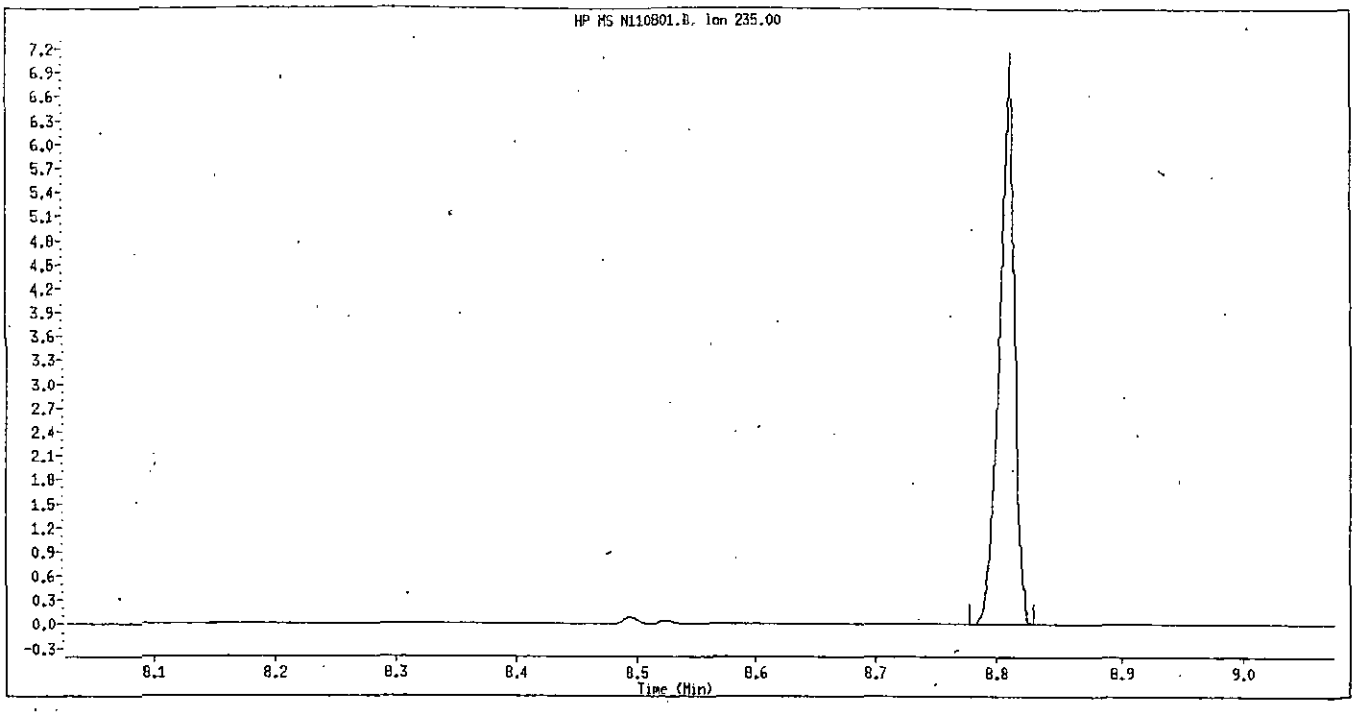




Tailing Factor = 0.68 Good
Acceptance Criteria 0 - 3
Tailing Factor = (T3 - T2) / (T2 - T1)
T1 = 7.960458 T2 = 7.977183 T3 = 7.988553

Data File: N110801.D
Inj Date: 08-NOV-2007 12:43
Instrument ID: MSN1.i
Compound Name: 4,4'-DDT
Operator Name: MalloyM
Report Date: 11/13/2007

DEGRADATION REPORT



Degradation = 1.9% Good
Acceptance Criteria 0 - 20 %
DDT Area = 599567
DDE Area = 7445
DDD Area = 4158

Data File: \\aussvr02\INS_DATA\MSN1.i\N110807.B\N110803.D Page 1
Report Date: 13-Nov-2007 16:10

TestAmerica Laboratories, Inc.

Method 8270C Semivolatiles

Data file : \\aussvr02\INS_DATA\MSN1.i\N110807.B\N110803.D
Lab Smp Id: Icalib_1 Client Smp ID: HSL_0.2
Inj Date : 08-NOV-2007 13:26
Operator : MALLOYM Inst ID: MSN1.i
Smp Info : Icalib_1;HSL_0.2;;1;1;3;;;; SMBPHSLL1_00002
Misc Info : ;2-HSL.sub; IS-SMINTSTDW_00003 (20 uL/1mL)
Comment : SOP NO. : AUS-MS-0005
Method : \\aussvr02\INS_DATA\MSN1.i\N110807.B\N1108BP.M
Meth Date : 13-Nov-2007 16:09 malloym Quant Type: ISTD
Cal Date : 08-NOV-2007 18:23 Cal File: N110817.D
Als bottle: 3 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 2-HSL.sub
Target Version: 4.14
Processing Host: AUS4K7MV21

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	ON-COL (ug/mL)	REVIEW CODE
* 23 1,4-Dichlorobenzene-d4	152	4.015	4.019	(1.000)	70786	10.0000		REV
* 50 Naphthalene-d8	136	5.223	5.227	(1.000)	296469	10.0000		Rev
* 91 Acenaphthene-d10	164	6.980	6.984	(1.000)	186512	10.0000		Rev
* 132 Phenanthrene-d10	188	8.497	8.501	(1.000)	352723	10.0000		Rev
* 160 Chrysene-d12	240	11.329	11.333	(1.000)	354701	10.0000		Rev
* 169 Perylene-d12	264	13.097	13.101	(1.000)	292084	10.0000		Rev
$ 12 2-Fluorophenol	112	2.957	2.951	(0.737)	2414	0.30000	0.25394	Rev
$ 15 Phenol-d5	99	3.705	3.704	(0.923)	3294	0.30000	0.25640	Rev
$ 114 2,4,6-Tribromophenol	330	7.781	7.792	(0.916)	510	0.30000	1.0086	Rev
$ 38 Nitrobenzene-d5	82	4.523	4.532	(0.866)	2181	0.20000	0.16713	Rev
$ 75 2-Fluorobiphenyl	172	6.280	6.280	(0.900)	4579	0.20000	0.18436	Rev
$ 147 Terphenyl-d14	244	10.095	10.105	(0.891)	5296	0.20000	0.17352	Rev
3 Bis (chloromethyl) ether	79	1.846	1.845	(0.460)	1820	0.20000	0.18932(Q)	Rev
4 N-Nitrosodimethylamine	74	1.964	1.974	(0.489)	1175	0.20000	0.18292	Rev
5 Pyridine	79	2.012	2.011	(0.501)	1952	0.20000	0.17260	Rev
16 Phenol	94	3.716	3.715	(0.925)	2649	0.20000	0.16742(Q)	Rev
18 Aniline	93	3.727	3.731	(0.928)	2572	0.20000	0.13785(Q)	Rev
19 bis(2-Chloroethyl)ether	63	3.753	3.758	(0.935)	1839	0.20000	0.18671	Rev
21 2-Chlorophenol	128	3.855	3.849	(0.960)	1818	0.20000	0.16858	Rev
22 1,3-Dichlorobenzene	146	3.967	3.972	(0.988)	1894	0.20000	0.17155	Rev
24 1,4-Dichlorobenzene	146	4.031	4.036	(1.004)	2200	0.20000	0.18362	Rev
27 1,2-Dichlorobenzene	146	4.176	4.175	(1.040)	1944	0.20000	0.17918	Rev
25 Benzyl Alcohol	108	4.133	4.142	(1.029)	1079	0.20000	0.14637	Rev
29 bis(2-Chloroisopropyl)ether	45	4.234	4.239	(1.055)	3924	0.20000	0.18497	Rev
28 2-Methylphenol	108	4.245	4.244	(1.057)	1687	0.20000	0.16790	Rev
30 3-(and/or 4-)Methylphenol	108	4.384	4.388	(1.092)	1710	0.20000	0.16354	Rev
33 N-Nitroso-di-n-propylamine	70	4.357	4.367	(1.085)	1576	0.20000	0.16215	Rev
37 Hexachloroethane	117	4.491	4.490	(1.118)	772	0.20000	0.16189	Rev
39 Nitrobenzene	77	4.544	4.548	(0.870)	2507	0.20000	0.16864	Rev
41 Isophorone	82	4.758	4.767	(0.911)	3681	0.20000	0.17017	Rev
43 2-Nitrophenol	139	4.843	4.848	(0.927)	914	0.20000	0.15674	Rev
42 2,4-Dimethyphenol	107	4.881	4.885	(0.935)	2147	0.20000	0.16715	Rev
45 Benzoic Acid	122	4.950	5.008	(0.948)	273	0.20000	0.73804(Q)	Rev

11/13-7

Data File: \\aussvr02\INS_DATA\MSN1:i\N110807.B\N110803.D Page 2
Report Date: 13-Nov-2007 16:10

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)	REVIEW CODE
46 Bis(2-chloroethoxy)methane	93	4.950	4.954	(0.948)	2279	0.20000	0.17399	Rev
47 2,4-Dichlorophenol	162	5.100	5.099	(0.976)	1320	0.20000	0.15889	Rev
49 1,2,4-Trichlorobenzene	180	5.158	5.158	(0.988)	1582	0.20000	0.16845	Rev
51 Naphthalene	128	5.244	5.249	(1.004)	6147	0.20000	0.18151	Rev
52 4-Chloroaniline	127	5.292	5.292	(1.013)	1998	0.20000	0.16196	Rev
55 Hexachlorobutadiene	225	5.345	5.345	(1.024)	1001	0.20000	0.16440	Rev
63 4-Chloro-3-Methylphenol	107	5.789	5.783	(1.108)	1781	0.20000	0.16019	Rev
67 2-Methylnaphthalene	142	5.922	5.927	(1.134)	3695	0.20000	0.17222	Rev
68 1-Methylnaphthalene	142	6.024	6.029	(1.153)	3915	0.20000	0.18091	Rev
72 2,4,6-Trichlorophenol	196	6.211	6.216	(0.890)	874	0.20000	0.13991	Rev
74 2,4,5-Trichlorphenol	196	6.275	6.269	(0.899)	940	0.20000	0.63615	Rev
78 2-Chloronaphthalene	127	6.414	6.419	(0.919)	1761	0.20000	0.17865	Rev
80 2-Nitroaniline	65	6.521	6.526	(0.934)	1222	0.20000	0.13665	Rev
82 1,4-Dinitrobenzene	168	6.649	6.659	(0.953)	401	0.20000	0.10419	Rev
83 Dimethylphthalate	163	6.676	6.691	(0.956)	4336	0.20000	0.17302	Rev
85 2,6-Dinitrotoluene	165	6.745	6.761	(0.966)	878	0.20000	0.14884	Rev
84 1,3-Dinitrobenzene	168	6.724	6.739	(0.963)	530	0.20000	0.12564	Rev
86 Acenaphthylene	152	6.841	6.846	(0.980)	5853	0.20000	0.16481	Rev
89 3-Nitroaniline	138	6.937	6.948	(0.994)	642	0.20000	0.11280(Q)	Rev
92 Acenaphthene	153	7.012	7.017	(1.005)	4145	0.20000	0.18489	Rev
94 4-Nitrophenol	109	6.980	7.156	(1.000)	494	0.20000	0.79305(Q)	Rev
97 Dibenzofuran	168	7.183	7.193	(1.029)	5585	0.20000	0.17781	Rev
99 2,3,5,6-Tetrachlorophenol	232	7.274	7.273	(1.042)	481	0.20000	0.78238	Rev
101 2,3,4,6-tetrachlorophenol	232	7.317	7.322	(1.048)	557	0.20000	1.0645	Rev
103 Diethylphthalate	149	7.381	7.391	(1.057)	4683	0.20000	0.17334	Rev
105 4-Chlorophenyl-phenylether	204	7.520	7.525	(1.077)	2299	0.20000	0.16469	Rev
107 Fluorene	166	7.530	7.541	(1.079)	4554	0.20000	0.17301	Rev
109 4,6-Dinitro-2-methylphenol	198	7.568	7.583	(0.891)	101	0.20000	0.97362(Q)	Rev
108 4-Nitroaniline	138	7.557	7.578	(1.083)	694	0.20000	0.11633	Rev
110 N-Nitrosodiphenylamine/DPA	169	7.637	7.647	(1.094)	3687	0.20000	0.16664	Rev
111 Azobenzene	77	7.680	7.685	(0.904)	5372	0.20000	0.16509	Rev
122 4-Bromophenyl-phenylether	248	8.016	8.021	(0.943)	1244	0.20000	0.17326	Rev
123 Hexachlorobenzene	284	8.086	8.096	(0.952)	1264	0.20000	0.17938	Rev
133 Phenanthrene	178	8.519	8.523	(1.002)	7328	0.20000	0.19164	Rev
134 Anthracene	178	8.567	8.577	(1.008)	6307	0.20000	0.17182	Rev
135 Carbazole	167	8.732	8.737	(1.028)	5914	0.20000	0.17891	Rev
137 Di-n-Butylphthalate	149	9.032	9.036	(1.063)	6685	0.20000	0.83711	Rev
142 Fluoranthene	202	9.726	9.731	(1.145)	6729	0.20000	0.16712	Rev
144 Benzidine	184	9.849	9.854	(0.869)	2571	0.20000	1.0378	Rev
145 Pyrene	202	9.966	9.977	(0.880)	7484	0.20000	0.17727	Rev
152 Butylbenzylphthalate	149	10.613	10.618	(0.937)	3047	0.20000	0.49253	Rev
158 3,3'-Dichlorobenzidine	252	11.259	11.269	(0.994)	1982	0.20000	0.29375	Rev
159 Benzo(a)anthracene	228	11.313	11.317	(0.999)	8595	0.20000	0.20285	Rev
156 bis(2-Ethylhexyl)phthalate	149	11.265	11.264	(0.994)	4733	0.20000	0.69014	Rev
161 Chrysene	228	11.355	11.371	(1.002)	7357	0.20000	0.18996	Rev
162 Di-n-octylphthalate	149	12.050	12.060	(0.920)	6368	0.20000	0.72935	Rev
166 Benzo(b)fluoranthene	252	12.605	12.626	(0.962)	6285	0.20000	0.17021	Rev
167 Benzo(k)fluoranthene	252	12.637	12.658	(0.965)	7260	0.20000	0.17815	Rev
168 Benzo(a)pyrene	252	13.011	13.032	(0.993)	5795	0.20000	0.16905	Rev
173 Indeno(1,2,3-cd)pyrene	276	14.603	14.646	(1.115)	6362	0.20000	0.16458	Rev
174 Dibenz(a,h)anthracene	278	14.625	14.662	(1.117)	4959	0.20000	0.59885	REV
176 Benzo(g,h,i)perylene	276	15.052	15.094	(1.149)	5242	0.20000	0.17162(H)	REV

QC Flag Legend

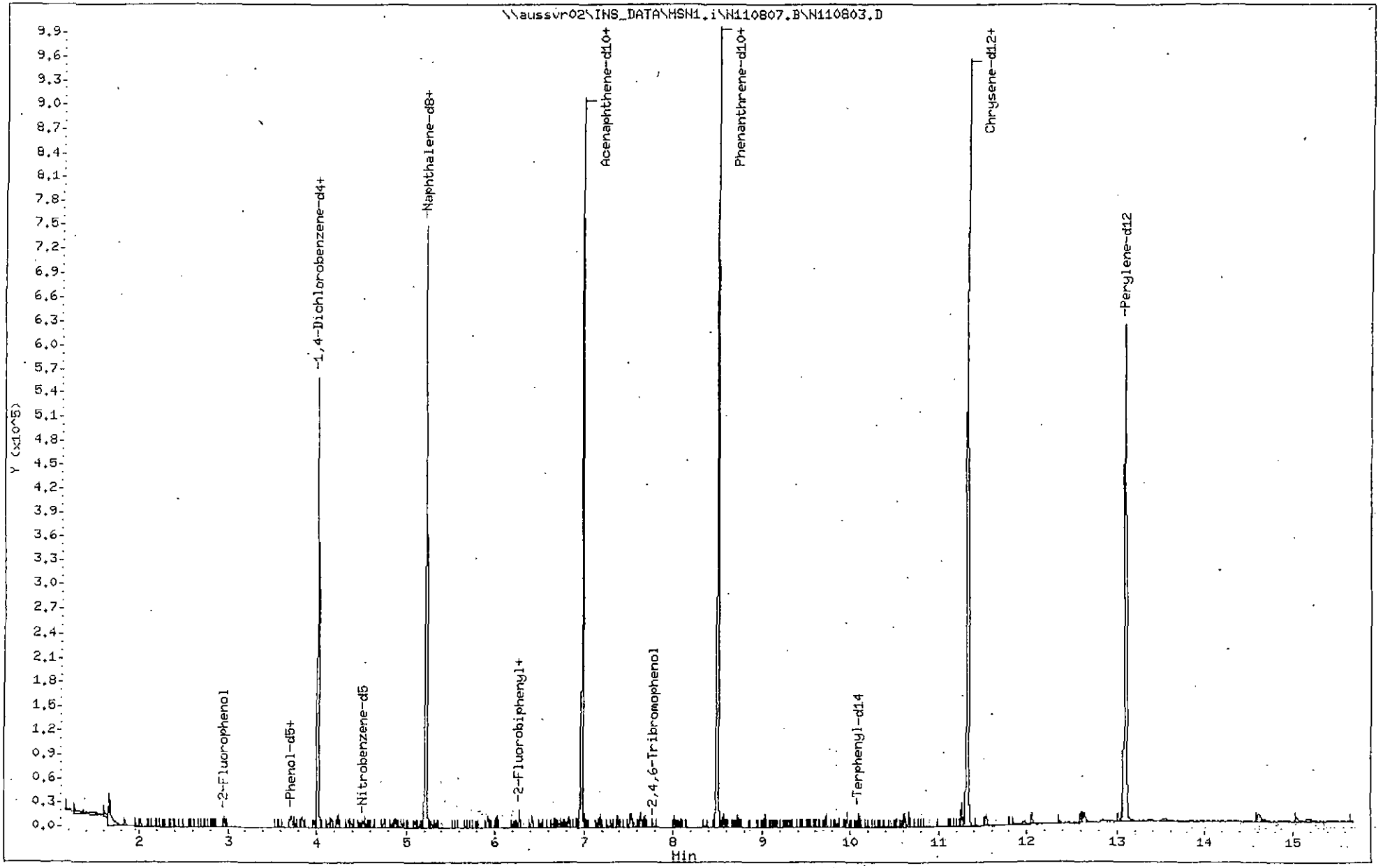
Q - Qualifier signal failed the ratio test.
H - Operator selected an alternate compound hit.

Data File: \\aussvr02\INS_DATA\MSN1.i\N110807.B\N110803.D
Date : 08-NOV-2007 13:26
Client ID: HSL_0.2
Sample Info: Icalib_1;HSL_0.2;;1;1;3;;;; SMBPHSLL1_00002

Column phase: DB5.625

Instrument: MSN1.i

Operator: MALLOYM
Column diameter: 0.18



Data File: \\aussvr02\INS_DATA\MSN1.i\N110807.B\N110804.D Page 1
Report Date: 13-Nov-2007 16:10

TestAmerica Laboratories, Inc.

Method 8270C Semivolatiles

Data file : \\aussvr02\INS_DATA\MSN1.i\N110807.B\N110804.D
Lab Smp Id: Icalib_2 Client Smp ID: HSL_1
Inj Date : 08-NOV-2007 13:47
Operator : MALLOYM Inst ID: MSN1.i
Smp Info : Icalib_2;HSL_1;;1;2;3;;;; SMBPHSLL2_00002
Misc Info : ;2-HSL.sub; IS-SMINTSTDW_00003 (20 uL/1mL)
Comment : SOP NO. : AUS-MS-0005
Method : \\aussvr02\INS_DATA\MSN1.i\N110807.B\N1108BP.M
Meth Date : 13-Nov-2007 16:09 malloym Quant Type: ISTD
Cal Date : 08-NOV-2007 18:23 Cal File: N110817.D
Als bottle: 4 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 2-HSL.sub
Target Version: 4.14
Processing Host: AUS4K7MV21

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	ON-COL (ug/mL)	REVIEW CODE
* 23 1,4-Dichlorobenzene-d4	152	4.017	4.019	(1.000)	65910	10.0000		Rev
* 50 Naphthalene-d8	136	5.224	5.227	(1.000)	275263	10.0000		Rev
* 91 Acenaphthene-d10	164	6.982	6.984	(1.000)	172995	10.0000		Rev
* 132 Phenanthrene-d10	188	8.493	8.501	(1.000)	337169	10.0000		Rev
* 160 Chrysene-d12	240	11.330	11.333	(1.000)	325142	10.0000		Rev
* 169 Perylene-d12	264	13.098	13.101	(1.000)	274589	10.0000		Rev
$ 12 2-Fluorophenol	112	2.954	2.951	(0.735)	12290	1.50000	1.3885	Rev
$ 15 Phenol-d5	99	3.701	3.704	(0.922)	16854	1.50000	1.4089	Rev
$ 114 2,4,6-Tribromophenol	330	7.783	7.792	(0.916)	3099	1.50000	1.8294	Rev
$ 38 Nitrobenzene-d5	82	4.524	4.532	(0.866)	11157	1.00000	0.92081	Rev
$ 75 2-Fluorobiphenyl	172	6.276	6.280	(0.899)	20386	1.00000	0.88490	Rev
$ 147 Terphenyl-d14	244	10.096	10.105	(0.891)	25288	1.00000	0.90386	Rev
3 Bis (chloromethyl) ether	79	1.842	1.845	(0.459)	8642	1.00000	0.96546	Rev
4 N-Nitrosodimethylamine	74	1.960	1.974	(0.488)	5925	1.00000	0.99060	Rev
5 Pyridine	79	2.008	2.011	(0.500)	10019	1.00000	0.95143	Rev
16 Phenol	94	3.717	3.715	(0.926)	13351	1.00000	0.90625(Q)	Rev
18 Aniline	93	3.728	3.731	(0.928)	15255	1.00000	0.87809(Q)	Rev
19 bis(2-Chloroethyl)ether	63	3.755	3.758	(0.935)	8274	1.00000	0.90219	Rev
21 2-Chlorophenol	128	3.851	3.849	(0.959)	9253	1.00000	0.92147	Rev
22 1,3-Dichlorobenzene	146	3.969	3.972	(0.988)	9864	1.00000	0.95953	Rev
24 1,4-Dichlorobenzene	146	4.033	4.036	(1.004)	10785	1.00000	0.96674	Rev
27 1,2-Dichlorobenzene	146	4.172	4.175	(1.039)	9181	1.00000	0.90884	Rev
25 Benzyl Alcohol	108	4.134	4.142	(1.029)	6114	1.00000	0.89075	Rev
29 bis(2-Chloroisopropyl)ether	45	4.236	4.239	(1.055)	18293	1.00000	0.92611	Rev
28 2-Methylphenol	108	4.241	4.244	(1.056)	8592	1.00000	0.91841	Rev
30 3-(and/or 4-)Methylphenol	108	4.385	4.388	(1.092)	9217	1.00000	0.94669	Rev
33 N-Nitroso-di-n-propylamine	70	4.359	4.367	(1.085)	8186	1.00000	0.90454	Rev
37 Hexachloroethane	117	4.487	4.490	(1.117)	4053	1.00000	0.91280	Rev
39 Nitrobenzene	77	4.546	4.548	(0.870)	12945	1.00000	0.93788	Rev
41 Isophorone	82	4.759	4.767	(0.911)	18438	1.00000	0.91804	Rev
43 2-Nitrophenol	139	4.845	4.848	(0.927)	4714	1.00000	0.87070	Rev
42 2,4-Dimethyphenol	107	4.882	4.885	(0.935)	11121	1.00000	0.93252	Rev
45 Benzoic Acid	122	4.957	5.008	(0.949)	2498	1.00000	1.1655	Rev

Data File: \\aussvr02\INS_DATA\MSN1.i\N110807.B\N110804.D Page 2
Report Date: 13-Nov-2007 16:10

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	ON-COL (ug/mL)	REVIEW CODE
46	Bis(2-chloroethoxy)methane	93	4.946	4.954	(0.947)	11820	1.00000	0.97190	Rev
47	2,4-Dichlorophenol	162	5.101	5.099	(0.976)	7165	1.00000	0.92890	Rev
49	1,2,4-Trichlorobenzene	180	5.155	5.158	(0.987)	8150	1.00000	0.93467	Rev
51	Naphthalene	128	5.245	5.249	(1.004)	29405	1.00000	0.93519	Rev
52	4-Chloroaniline	127	5.288	5.292	(1.012)	10535	1.00000	0.91977	Rev
55	Hexachlorobutadiene	225	5.341	5.345	(1.022)	5384	1.00000	0.95238	Rev
63	4-Chloro-3-Methylphenol	107	5.785	5.783	(1.107)	9067	1.00000	0.87833	Rev
67	2-Methylnaphthalene	142	5.924	5.927	(1.134)	18494	1.00000	0.92839	Rev
68	1-Methylnaphthalene	142	6.025	6.029	(1.153)	18640	1.00000	0.92769	Rev
69	Hexachlorocyclopentadiene	237	6.073	6.071	(0.870)	743	1.00000	2.9821	Rev
72	2,4,6-Trichlorophenol	196	6.212	6.216	(0.890)	4994	1.00000	0.86192	Rev
74	2,4,5-Trichlorphenol	196	6.271	6.269	(0.898)	5427	1.00000	1.2334	Rev
78	2-Chloronaphthalene	127	6.415	6.419	(0.919)	8445	1.00000	0.92369	Rev
80	2-Nitroaniline	65	6.517	6.526	(0.933)	7134	1.00000	0.86009	Rev
82	1,4-Dinitrobenzene	168	6.650	6.659	(0.953)	2526	1.00000	0.70763	Rev
83	Dimethylphthalate	163	6.672	6.691	(0.956)	22027	1.00000	0.94764	Rev
85	2,6-Dinitrotoluene	165	6.746	6.761	(0.966)	4819	1.00000	0.88073	Rev
84	1,3-Dinitrobenzene	168	6.720	6.739	(0.963)	3298	1.00000	0.84289	Rev
86	Acenaphthylene	152	6.837	6.846	(0.979)	29685	1.00000	0.90117	Rev
89	3-Nitroaniline	138	6.939	6.948	(0.994)	4568	1.00000	0.86536	Rev
92	Acenaphthene	153	7.014	7.017	(1.005)	18822	1.00000	0.90517	Rev
93	2,4-Dinitrophenol	184	7.051	7.044	(1.010)	153	1.00000	4.3525(Q)	Rev
94	4-Nitrophenol	109	7.158	7.156	(1.025)	2540	1.00000	1.2112(Q)	Rev
96	2,4-Dinitrotoluene	165	7.152	7.167	(1.024)	6152	1.00000	0.79486	Rev
97	Dibenzofuran	168	7.185	7.193	(1.029)	26545	1.00000	0.91115	Rev
99	2,3,5,6-Tetrachlorophenol	232	7.275	7.273	(1.042)	3112	1.00000	1.2445	Rev
101	2,3,4,6-tetrachlorophenol	232	7.318	7.322	(1.048)	4188	1.00000	1.6384	Rev
103	Diethylphthalate	149	7.382	7.391	(1.057)	23107	1.00000	0.92214	Rev
105	4-Chlorophenyl-phenylether	204	7.516	7.525	(1.077)	11020	1.00000	0.85112	Rev
107	Fluorene	166	7.532	7.541	(1.079)	21818	1.00000	0.89366	Rev
109	4,6-Dinitro-2-methylphenol	198	7.569	7.583	(0.891)	1953	1.00000	1.3239	Rev
108	4-Nitroaniline	138	7.558	7.578	(1.083)	4826	1.00000	0.87216	Rev
110	N-Nitrosodiphenylamine/DPA	169	7.639	7.647	(1.094)	18549	1.00000	0.90389	Rev
111	Azobenzene	77	7.676	7.685	(0.904)	28607	1.00000	0.91972	Rev
122	4-Bromophenyl-phenylether	248	8.018	8.021	(0.944)	5967	1.00000	0.86940	Rev
123	Hexachlorobenzene	284	8.087	8.096	(0.952)	5933	1.00000	0.88081	Rev
127	Pentachlorophenol	266	8.306	8.310	(0.978)	347	1.00000	3.6724	Rev
133	Phenanthrene	178	8.515	8.523	(1.003)	33263	1.00000	0.91002	Rev
134	Anthracene	178	8.568	8.577	(1.009)	30428	1.00000	0.86721	Rev
135	Carbazole	167	8.734	8.737	(1.028)	28110	1.00000	0.88963	Rev
137	Di-n-Butylphthalate	149	9.033	9.036	(1.064)	36334	1.00000	1.3967	Rev
142	Fluoranthene	202	9.727	9.731	(1.145)	33124	1.00000	0.86062	Rev
144	Benzidine	184	9.850	9.854	(0.869)	12133	1.00000	1.4932	Rev
145	Pyrene	202	9.968	9.977	(0.880)	36362	1.00000	0.93958	Rev
152	Butylbenzylphthalate	149	10.614	10.618	(0.937)	16144	1.00000	1.1250	Rev
158	3,3'-Dichlorobenzidine	252	11.261	11.269	(0.994)	10686	1.00000	0.87795	Rev
159	Benzo(a)anthracene	228	11.314	11.317	(0.999)	36927	1.00000	0.95076	Rev
156	bis(2-Ethylhexyl)phthalate	149	11.261	11.264	(0.994)	22813	1.00000	1.2202	Rev
161	Chrysene	228	11.357	11.371	(1.002)	33136	1.00000	0.93338	Rev
162	Di-n-octylphthalate	149	12.051	12.060	(0.920)	34630	1.00000	1.2466	Rev
166	Benzo(b)fluoranthene	252	12.607	12.626	(0.962)	31263	1.00000	0.90062	Rev
167	Benzo(k)fluoranthene	252	12.639	12.658	(0.965)	34045	1.00000	0.88863	Rev
168	Benzo(a)pyrene	252	13.013	13.032	(0.993)	28244	1.00000	0.87640	Rev
173	Indeno(1,2,3-cd)pyrene	276	14.610	14.646	(1.115)	31361	1.00000	0.86296	Rev

Data File: \\aussvr02\INS_DATA\MSN1.i\N110807.B\N110804.D Page 3
Report Date: 13-Nov-2007 16:10

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)	REVIEW CODE
174 Dibenz(a,h)anthracene	278	14.626	14.662	(1.117)	26764	1.00000	1.2000	Rev
176 Benzo(g,h,i)perylene	276	15.053	15.094	(1.149)	26613	1.00000	0.92680	Rev

QC Flag Legend

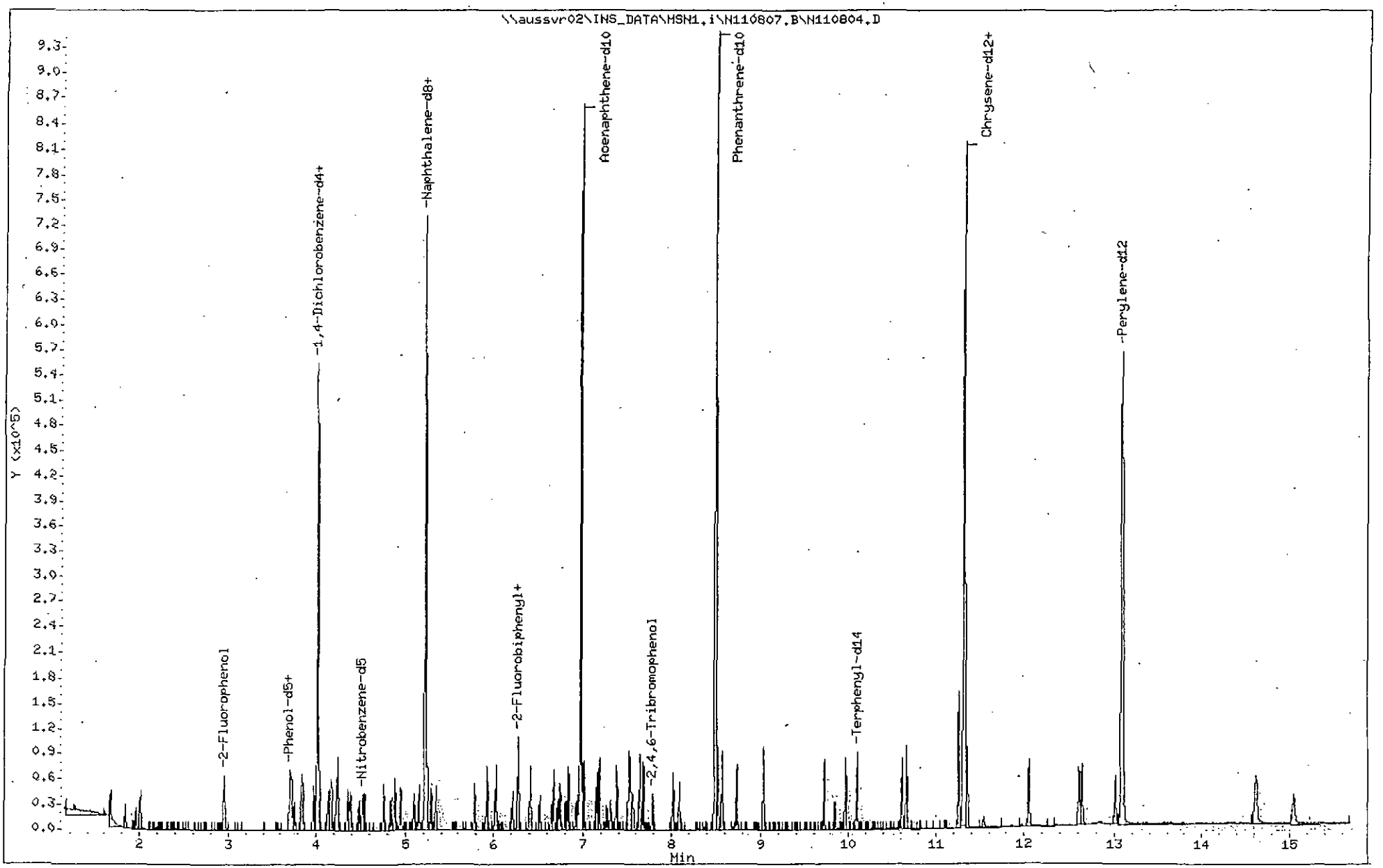
Q - Qualifier signal failed the ratio test.

Data File: \\aussvr02\INS_DATA\MSN1.i\N110807.B\N110804.D
Date : 08-NOV-2007 13:47
Client ID: HSL_1
Sample Info: Icalib_2;HSL_1;;1;2;3;;;; SHBPHSLL2_00002

Column phase: DB5.625

Instrument: MSN1.i

Operator: MALLOYM
Column diameter: 0.18



Data File: \\aussvr02\INS_DATA\MSN1.i\N110807.B\N110805.D Page 1
Report Date: 13-Nov-2007 16:10

TestAmerica Laboratories, Inc.

Method 8270C Semivolatiles

Data file : \\aussvr02\INS_DATA\MSN1.i\N110807.B\N110805.D
Lab Smp Id: Icalib_3 Client Smp ID: HSL_2
Inj Date : 08-NOV-2007 14:08
Operator : MALLOYM Inst ID: MSN1.i
Smp Info : Icalib_3;HSL_2;;1;3;3;;;; SMBPHSLL3_00002
Misc Info : ;2-HSL.sub; IS-SMINTSTDW_00003 (20 uL/1mL)
Comment : SOP NO. : AUS-MS-0005
Method : \\aussvr02\INS_DATA\MSN1.i\N110807.B\N1108BP.M
Meth Date : 13-Nov-2007 16:09 malloym Quant Type: ISTD
Cal Date : 08-NOV-2007 18:23 Cal File: N110817.D
Als bottle: 5 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 2-HSL.sub
Target Version: 4.14
Processing Host: AUS4K7MV21

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	ON-COL (ug/mL)	REVIEW CODE
* 23	1,4-Dichlorobenzene-d4	152	4.019	4.019	(1.000)	64940	10.0000		Rev
* 50	Naphthalene-d8	136	5.226	5.227	(1.000)	275932	10.0000		Rev
* 91	Acenaphthene-d10	164	6.984	6.984	(1.000)	171834	10.0000		Rev
* 138	Phenanthrene-d10	188	8.495	8.501	(1.000)	332281	10.0000		Rev
* 160	Chrysene-d12	240	11.332	11.333	(1.000)	324676	10.0000		Rev
* 169	Perylene-d12	264	13.095	13.101	(1.000)	271805	10.0000		Rev
$ 12	2-Fluorophenol	112	2.956	2.951	(0.735)	23294	3.00000	2.6710	Rev
$ 15	Phenol-d5	99	3.703	3.704	(0.922)	30936	3.00000	2.6248	Rev
$ 114	2,4,6-Tribromophenol	330	7.785	7.792	(0.916)	6344	3.00000	2.8787	Rev
$ 38	Nitrobenzene-d5	82	4.526	4.532	(0.866)	22380	2.00000	1.8426	Rev
$ 75	2-Fluorobiphenyl	172	6.278	6.280	(0.899)	38787	2.00000	1.6950	Rev
$ 147	Terphenyl-d14	244	10.098	10.105	(0.891)	49204	2.00000	1.7612	Rev
3	Bis (chloromethyl) ether	79	1.839	1.845	(0.458)	16295	2.00000	1.8476	Rev
4	N-Nitrosodimethylamine	74	1.962	1.974	(0.488)	10832	2.00000	1.8380	Rev
5	Pyridine	79	2.005	2.011	(0.499)	18848	2.00000	1.8166	Rev
16	Phenol	94	3.714	3.715	(0.924)	25549	2.00000	1.7601	Rev
18	Aniline	93	3.730	3.731	(0.928)	29174	2.00000	1.7044(Q)	Rev
19	bis(2-Chloroethyl)ether	63	3.757	3.758	(0.935)	16061	2.00000	1.7774	Rev
21	2-Chlorophenol	128	3.853	3.849	(0.959)	17785	2.00000	1.7976	Rev
22	1,3-Dichlorobenzene	146	3.971	3.972	(0.988)	18571	2.00000	1.8335	Rev
24	1,4-Dichlorobenzene	146	4.035	4.036	(1.004)	19318	2.00000	1.7575	Rev
27	1,2-Dichlorobenzene	146	4.174	4.175	(1.039)	17591	2.00000	1.7674	Rev
25	Benzyl Alcohol	108	4.136	4.142	(1.029)	11398	2.00000	1.6854	Rev
29	bis(2-Chloroisopropyl)ether	45	4.232	4.239	(1.053)	34830	2.00000	1.7896	Rev
28	2-Methylphenol	108	4.243	4.244	(1.056)	16740	2.00000	1.8161	Rev
30	3-(and/or 4-)Methylphenol	108	4.387	4.388	(1.092)	17697	2.00000	1.8448	Rev
33	N-Nitroso-di-n-propylamine	70	4.361	4.367	(1.085)	16631	2.00000	1.8651	Rev
37	Hexachloroethane	117	4.489	4.490	(1.117)	8013	2.00000	1.8316	Rev
39	Nitrobenzene	77	4.542	4.548	(0.869)	25119	2.00000	1.8155	Rev
41	Isophorone	82	4.761	4.767	(0.911)	35664	2.00000	1.7714	Rev
43	2-Nitrophenol	139	4.847	4.848	(0.927)	9219	2.00000	1.6987	Rev
42	2,4-Dimethyphenol	107	4.879	4.885	(0.934)	21077	2.00000	1.7631	Rev
45	Benzoic Acid	122	4.964	5.008	(0.950)	5965	2.00000	1.8230	Rev

11-13-07
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Data File: \\aussvr02\INS_DATA\MSN1.i\N110807.B\N110805.D Page 2
Report Date: 13-Nov-2007 16:10

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	ON-COL (ug/mL)	REVIEW CODE
46 Bis(2-chloroethoxy)methane	93	4.948	4.954	(0.947)	22086	2.00000	1.8116	Rev
47 2,4-Dichlorophenol	162	5.098	5.099	(0.975)	13687	2.00000	1.7701	Rev
49 1,2,4-Trichlorobenzene	180	5.157	5.158	(0.987)	15764	2.00000	1.8035	Rev
51 Naphthalene	128	5.242	5.249	(1.003)	55355	2.00000	1.7562	Rev
52 4-Chloroaniline	127	5.290	5.292	(1.012)	20653	2.00000	1.7988	Rev
55 Hexachlorobutadiene	225	5.344	5.345	(1.022)	10196	2.00000	1.7992	Rev
63 4-Chloro-3-Methylphenol	107	5.782	5.783	(1.106)	18163	2.00000	1.7552	Rev
67 2-Methylnaphthalene	142	5.920	5.927	(1.133)	35253	2.00000	1.7654	Rev
68 1-Methylnaphthalene	142	6.022	6.029	(1.152)	34737	2.00000	1.7246	Rev
69 Hexachlorocyclopentadiene	237	6.070	6.071	(0.869)	2699	2.00000	3.2951	Rev
72 2,4,6-Trichlorophenol	196	6.209	6.216	(0.889)	9539	2.00000	1.6575	Rev
74 2,4,5-Trichlorphenol	196	6.273	6.269	(0.898)	10493	2.00000	1.9068	Rev
78 2-Chloronaphthalene	127	6.417	6.419	(0.919)	15992	2.00000	1.7610	Rev
80 2-Nitroaniline	65	6.519	6.526	(0.933)	14281	2.00000	1.7334	Rev
82 1,4-Dinitrobenzene	168	6.647	6.659	(0.952)	5534	2.00000	1.5608	Rev
83 Dimethylphthalate	163	6.674	6.691	(0.956)	41818	2.00000	1.8112	Rev
85 2,6-Dinitrotoluene	165	6.748	6.761	(0.966)	9555	2.00000	1.7581	Rev
84 1,3-Dinitrobenzene	168	6.722	6.739	(0.963)	6698	2.00000	1.7234	Rev
86 Acenaphthylene	152	6.839	6.846	(0.979)	57620	2.00000	1.7610	Rev
89 3-Nitroaniline	138	6.935	6.948	(0.993)	9386	2.00000	1.7901	Rev
92 Acenaphthene	153	7.010	7.017	(1.004)	35950	2.00000	1.7406	Rev
93 2,4-Dinitrophenol	184	7.037	7.044	(1.008)	860	2.00000	4.5424(Q)	Rev
94 4-Nitrophenol	109	7.155	7.156	(1.024)	6239	2.00000	1.9627	Rev
96 2,4-Dinitrotoluene	165	7.155	7.167	(1.024)	13285	2.00000	1.7281	Rev
97 Dibenzofuran	168	7.187	7.193	(1.029)	50100	2.00000	1.7313	Rev
99 2,3,5,6-Tetrachlorophenol	232	7.272	7.273	(1.041)	6945	2.00000	1.9170	Rev
101 2,3,4,6-tetrachlorophenol	232	7.315	7.322	(1.047)	8444	2.00000	2.3125	Rev
103 Diethylphthalate	149	7.379	7.391	(1.057)	45162	2.00000	1.8145	Rev
105 4-Chlorophenyl-phenylether	204	7.518	7.525	(1.076)	21979	2.00000	1.7090	Rev
107 Fluorene	166	7.534	7.541	(1.079)	41772	2.00000	1.7225	Rev
109 4,6-Dinitro-2-methylphenol	198	7.571	7.583	(0.891)	4596	2.00000	1.8353	Rev
108 4-Nitroaniline	138	7.561	7.578	(1.083)	9555	2.00000	1.7384	Rev
110 N-Nitrosodiphenylamine/DPA	169	7.635	7.647	(1.093)	36009	2.00000	1.7666	Rev
111 Azobenzene	77	7.678	7.685	(0.904)	56044	2.00000	1.8283	Rev
122 4-Bromophenyl-phenylether	248	8.015	8.021	(0.943)	11531	2.00000	1.7048	Rev
123 Hexachlorobenzene	284	8.089	8.096	(0.952)	11576	2.00000	1.7438	Rev
127 Pentachlorophenol	266	8.303	8.310	(0.977)	1423	2.00000	3.9555	Rev
133 Phenanthrene	178	8.517	8.523	(1.002)	61124	2.00000	1.6968	Rev
134 Anthracene	178	8.570	8.577	(1.009)	59621	2.00000	1.7242	Rev
135 Carbazole	167	8.730	8.737	(1.028)	54848	2.00000	1.7614	Rev
137 Di-n-Butylphthalate	149	9.035	9.036	(1.064)	71310	2.00000	2.0700	Rev
142 Fluoranthene	202	9.729	9.731	(1.145)	66312	2.00000	1.7482	Rev
144 Benzidine	184	9.847	9.854	(0.869)	25436	2.00000	2.1145	Rev
145 Pyrene	202	9.970	9.977	(0.880)	69700	2.00000	1.8036	Rev
152 Butylbenzylphthalate	149	10.611	10.618	(0.936)	31470	2.00000	1.8532	Rev
158 3,3'-Dichlorobenzidine	252	11.263	11.269	(0.994)	21467	2.00000	1.5901	Rev
159 Benzo(a)anthracene	228	11.311	11.317	(0.998)	69621	2.00000	1.7951	Rev
156 bis(2-Ethylhexyl)phthalate	149	11.263	11.264	(0.994)	46087	2.00000	1.8899	Rev
161 Chrysene	228	11.359	11.371	(1.002)	63329	2.00000	1.7864	Rev
162 Di-n-octylphthalate	149	12.053	12.060	(0.920)	69831	2.00000	1.8953	Rev
166 Benzo(b)fluoranthene	252	12.609	12.626	(0.963)	59953	2.00000	1.7448	Rev
167 Benzo(k)fluoranthene	252	12.641	12.658	(0.965)	66797	2.00000	1.7614	Rev
168 Benzo(a)pyrene	252	13.015	13.032	(0.994)	54359	2.00000	1.7040	Rev
173 Indeno(1,2,3-cd)pyrene	276	14.612	14.646	(1.116)	63568	2.00000	1.7671	Rev

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)	REVIEW CODE
174 Dibenz(a,h)anthracene	278	14.628	14.662	(1.117)	52285	2.00000	1.9087	Rev
176 Benzo(g,h,i)perylene	276	15.056	15.094	(1.150)	51745	2.00000	1.8205	Rev

QC Flag Legend

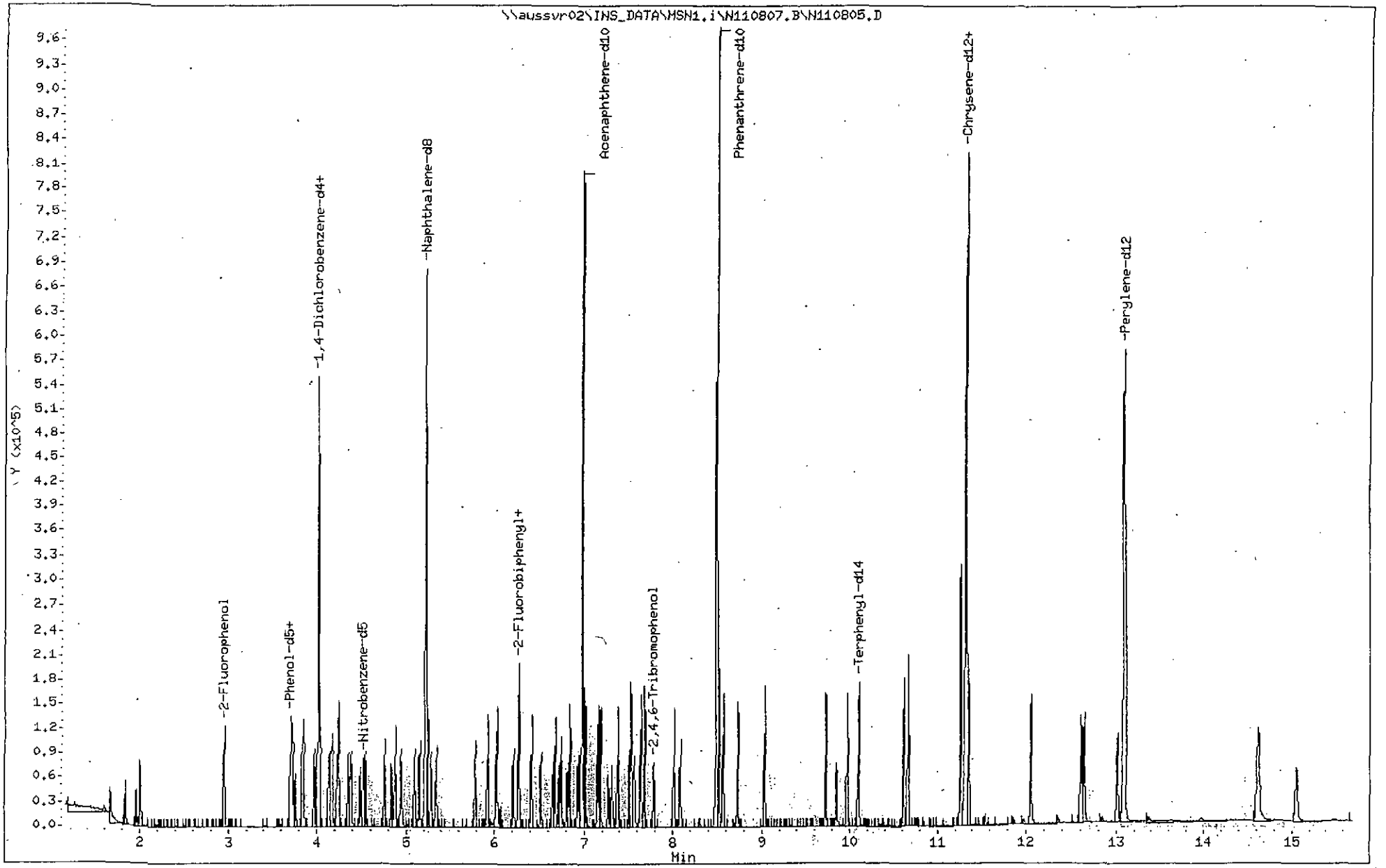
Q - Qualifier signal failed the ratio test.

Data File: \\aussvr02\INS_DATA\MSN1.i\N110807.B\N110805.D
Date : 08-NOV-2007 14:08
Client ID: HSL_2
Sample Info: Icalib_3;HSL_2;;1;3;3;;;; SMBPHSLL3_00002

Column phase: DB5.625

Instrument: MSN1.i

Operator: MALLOYM
Column diameter: 0.18



Data File: \\aussvr02\INS_DATA\MSN1.i\N110807.B\N110806.D Page 1
Report Date: 13-Nov-2007 16:10

TestAmerica Laboratories, Inc.

Method 8270C Semivolatiles

Data file : \\aussvr02\INS_DATA\MSN1.i\N110807.B\N110806.D
Lab Smp Id: Icalib_4 Client Smp ID: HSL_5
Inj Date : 08-NOV-2007 14:29
Operator : MALLOYM Inst ID: MSN1.i
Smp Info : Icalib_4;HSL_5;;1;4;3;;;; SMBPHSLL4_00002
Misc Info : ;2-HSL.sub; IS-SMINTSTDW_00003 (20 uL/1mL)
Comment : SOP NO. : AUS-MS-0005
Method : \\aussvr02\INS_DATA\MSN1.i\N110807.B\N1108BP.M
Meth Date : 13-Nov-2007 16:09 malloym Quant Type: ISTD
Cal Date : 08-NOV-2007 18:23 Cal File: N110817.D
Als bottle: 6 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 2-HSL.sub
Target Version: 4.14
Processing Host: AUS4K7MV21

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	ON-COL (ug/mL)	REVIEW CODE
*	23 1,4-Dichlorobenzene-d4	152	4.017	4.019	(1.000)	62066	10.0000		Rev
*	50 Naphthalene-d8	136	5.224	5.227	(1.000)	259446	10.0000		Rev
*	91 Acenaphthene-d10	164	6.982	6.984	(1.000)	162577	10.0000		Rev
*	132 Phenanthrene-d10	188	8.494	8.501	(1.000)	317528	10.0000		Rev
*	160 Chrysene-d12	240	11.330	11.333	(1.000)	307742	10.0000		Rev
*	169 Perylene-d12	264	13.099	13.101	(1.000)	258013	10.0000		Rev
$	12 2-Fluorophenol	112	2.954	2.951	(0.735)	57979	7.50000	6.9560	Rev
$	15 Phenol-d5	99	3.702	3.704	(0.922)	77433	7.50000	6.8740	Rev
$	114 2,4,6-Tribromophenol	330	7.783	7.792	(0.916)	16608	7.50000	6.3983	Rev
$	38 Nitrobenzene-d5	82	4.524	4.532	(0.866)	53741	5.00000	4.7057	Rev
$	75 2-Fluorobiphenyl	172	6.277	6.280	(0.899)	95803	5.00000	4.4250	Rev
$	147 Terphenyl-d14	244	10.096	10.105	(0.891)	121056	5.00000	4.5715	Rev
	3 Bis (chloromethyl) ether	79	1.843	1.845	(0.459)	40390	5.00000	4.7917	Rev
	4 N-Nitrosodimethylamine	74	1.960	1.974	(0.488)	27298	5.00000	4.8466	Rev
	5 Pyridine	79	2.008	2.011	(0.500)	46950	5.00000	4.7346	Rev
	16 Phenol	94	3.712	3.715	(0.924)	63489	5.00000	4.5765	Rev
	18 Aniline	93	3.729	3.731	(0.928)	72419	5.00000	4.4266(Q)	Rev
	19 bis(2-Chloroethyl)ether	63	3.755	3.758	(0.935)	38816	5.00000	4.4946	Rev
	21 2-Chlorophenol	128	3.851	3.849	(0.959)	42325	5.00000	4.4760	Rev
	22 1,3-Dichlorobenzene	146	3.969	3.972	(0.988)	46067	5.00000	4.7587	Rev
	24 1,4-Dichlorobenzene	146	4.033	4.036	(1.004)	48528	5.00000	4.6193	Rev
	27 1,2-Dichlorobenzene	146	4.172	4.175	(1.039)	43372	5.00000	4.5594	Rev
	25 Benzyl Alcohol	108	4.135	4.142	(1.029)	29904	5.00000	4.6266	Rev
	29 bis(2-Chloroisopropyl)ether	45	4.236	4.239	(1.055)	86256	5.00000	4.6373	Rev
	28 2-Methylphenol	108	4.247	4.244	(1.057)	40609	5.00000	4.6096	Rev
	30 3-(and/or 4-)Methylphenol	108	4.386	4.388	(1.092)	42393	5.00000	4.6239	Rev
	33 N-Nitroso-di-n-propylamine	70	4.359	4.367	(1.085)	39591	5.00000	4.6457	Rev
	37 Hexachloroethane	117	4.487	4.490	(1.117)	19987	5.00000	4.7802	Rev
	39 Nitrobenzene	77	4.546	4.548	(0.870)	61874	5.00000	4.7561	Rev
	41 Isophorone	82	4.760	4.767	(0.911)	88645	5.00000	4.6828	Rev
	43 2-Nitrophenol	139	4.845	4.848	(0.927)	23303	5.00000	4.5666	Rev
	42 2,4-Dimethyphenol	107	4.882	4.885	(0.935)	53236	5.00000	4.7361	Rev
	45 Benzoic Acid	122	4.979	5.008	(0.953)	18325	5.00000	4.3923	Rev

Data File: \\aussvr02\INS_DATA\MSN1.i\N110807.B\N110806.D Page 2
Report Date: 13-Nov-2007 16:10

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)	REVIEW CODE
46 Bis(2-chloroethoxy)methane	93	4.952	4.954	(0.948)	52778	5.00000	4.6042	Rev
47 2,4-Dichlorophenol	162	5.096	5.099	(0.975)	33799	5.00000	4.6490	Rev
49 1,2,4-Trichlorobenzene	180	5.155	5.158	(0.987)	37423	5.00000	4.5534	Rev
51 Naphthalene	128	5.246	5.249	(1.004)	134978	5.00000	4.5545	Rev
52 4-Chloroaniline	127	5.288	5.292	(1.012)	50292	5.00000	4.6585	Rev
55 Hexachlorobutadiene	225	5.342	5.345	(1.022)	24382	5.00000	4.5759	Rev
63 4-Chloro-3-Methylphenol	107	5.785	5.783	(1.107)	45214	5.00000	4.6470	Rev
67 2-Methylnaphthalene	142	5.924	5.927	(1.134)	85638	5.00000	4.5611	Rev
68 1-Methylnaphthalene	142	6.026	6.029	(1.153)	85840	5.00000	4.5326	Rev
69 Hexachlorocyclopentadiene	237	6.068	6.071	(0.869)	11663	5.00000	4.8316	Rev
72 2,4,6-Trichlorophenol	196	6.213	6.216	(0.890)	24613	5.00000	4.5202	Rev
74 2,4,5-Trichlorphenol	196	6.271	6.269	(0.898)	26466	5.00000	4.2140	Rev
78 2-Chloronaphthalene	127	6.416	6.419	(0.919)	39213	5.00000	4.5639	Rev
80 2-Nitroaniline	65	6.522	6.526	(0.934)	35955	5.00000	4.6126	Rev
82 1,4-Dinitrobenzene	168	6.651	6.659	(0.953)	14558	5.00000	4.3396	Rev
83 Dimethylphthalate	163	6.677	6.691	(0.956)	102823	5.00000	4.7071	Rev
85 2,6-Dinitrotoluene	165	6.752	6.761	(0.967)	23791	5.00000	4.6267	Rev
84 1,3-Dinitrobenzene	168	6.725	6.739	(0.963)	17014	5.00000	4.6270	Rev
86 Acenaphthylene	152	6.843	6.846	(0.980)	140725	5.00000	4.5458	Rev
89 3-Nitroaniline	138	6.939	6.948	(0.994)	23305	5.00000	4.6978	Rev
92 Acenaphthene	153	7.014	7.017	(1.005)	87569	5.00000	4.4812	Rev
93 2,4-Dinitrophenol	184	7.035	7.044	(1.008)	5439	5.00000	5.8536(Q)	Rev
94 4-Nitrophenol	109	7.153	7.156	(1.024)	16012	5.00000	4.1234	Rev
96 2,4-Dinitrotoluene	165	7.158	7.167	(1.025)	32194	5.00000	4.4261	Rev
97 Dibenzofuran	168	7.185	7.193	(1.029)	122794	5.00000	4.4849	Rev
99 2,3,5,6-Tetrachlorophenol	232	7.270	7.273	(1.041)	18577	5.00000	4.1314	Rev
101 2,3,4,6-tetrachlorophenol	232	7.318	7.322	(1.048)	22278	5.00000	4.6891	Rev
103 Diethylphthalate	149	7.383	7.391	(1.057)	109311	5.00000	4.6418	Rev
105 4-Chlorophenyl-phenylether	204	7.516	7.525	(1.077)	52735	5.00000	4.3339	Rev
107 Fluorene	166	7.537	7.541	(1.080)	102042	5.00000	4.4475	Rev
109 4,6-Dinitro-2-methylphenol	198	7.575	7.583	(0.892)	14999	5.00000	3.9604	Rev
108 4-Nitroaniline	138	7.564	7.578	(1.083)	23368	5.00000	4.4937	Rev
110 N-Nitrosodiphenylamine/DPA	169	7.639	7.647	(1.094)	87936	5.00000	4.5597	Rev
111 Azobenzene	77	7.682	7.685	(0.904)	137696	5.00000	4.7008	Rev
122 4-Bromophenyl-phenylether	248	8.018	8.021	(0.944)	29131	5.00000	4.5070	Rev
123 Hexachlorobenzene	284	8.093	8.096	(0.953)	28528	5.00000	4.4972	Rev
127 Pentachlorophenol	266	8.307	8.310	(0.978)	6650	5.00000	5.4054	Rev
133 Phenanthrene	178	8.520	8.523	(1.003)	151090	5.00000	4.3893	Rev
134 Anthracene	178	8.568	8.577	(1.009)	147068	5.00000	4.4508	Rev
135 Carbazole	167	8.734	8.737	(1.028)	136222	5.00000	4.5779	Rev
137 Di-n-Butylphthalate	149	9.033	9.036	(1.064)	182440	5.00000	4.3382	Rev
142 Fluoranthene	202	9.728	9.731	(1.145)	164312	5.00000	4.5332	Rev
144 Benzidine	184	9.851	9.854	(0.869)	64817	5.00000	4.1180	Rev
145 Pyrene	202	9.968	9.977	(0.880)	171123	5.00000	4.6718	Rev
152 Butylbenzylphthalate	149	10.615	10.618	(0.937)	82015	5.00000	4.4654	Rev
158 3,3'-Dichlorobenzidine	252	11.266	11.269	(0.994)	55190	5.00000	4.0149	Rev
159 Benzo(a)anthracene	228	11.314	11.317	(0.999)	168564	5.00000	4.5854	Rev
156 bis(2-Ethylhexyl)phthalate	149	11.261	11.264	(0.994)	121607	5.00000	4.2523	Rev
161 Chrysene	228	11.362	11.371	(1.003)	151236	5.00000	4.5009	Rev
162 Di-n-octylphthalate	149	12.052	12.060	(0.920)	183474	5.00000	4.1477	Rev
166 Benzo(b)fluoranthene	252	12.612	12.626	(0.963)	150614	5.00000	4.6176	Rev
167 Benzo(k)fluoranthene	252	12.650	12.658	(0.966)	163020	5.00000	4.5284	Rev
168 Benzo(a)pyrene	252	13.018	13.032	(0.994)	135057	5.00000	4.4600	Rev
173 Indeno(1,2,3-cd)pyrene	276	14.621	14.646	(1.116)	158276	5.00000	4.6351	Rev

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)	REVIEW CODE
174 Dibenz(a,h)anthracene	278	14.637	14.662	(1.117)	132388	5.00000	4.3042	Rev
176 Benzo(g,h,i)perylene	276	15.070	15.094	(1.150)	127453	5.00000	4.7237	Rev

QC Flag Legend

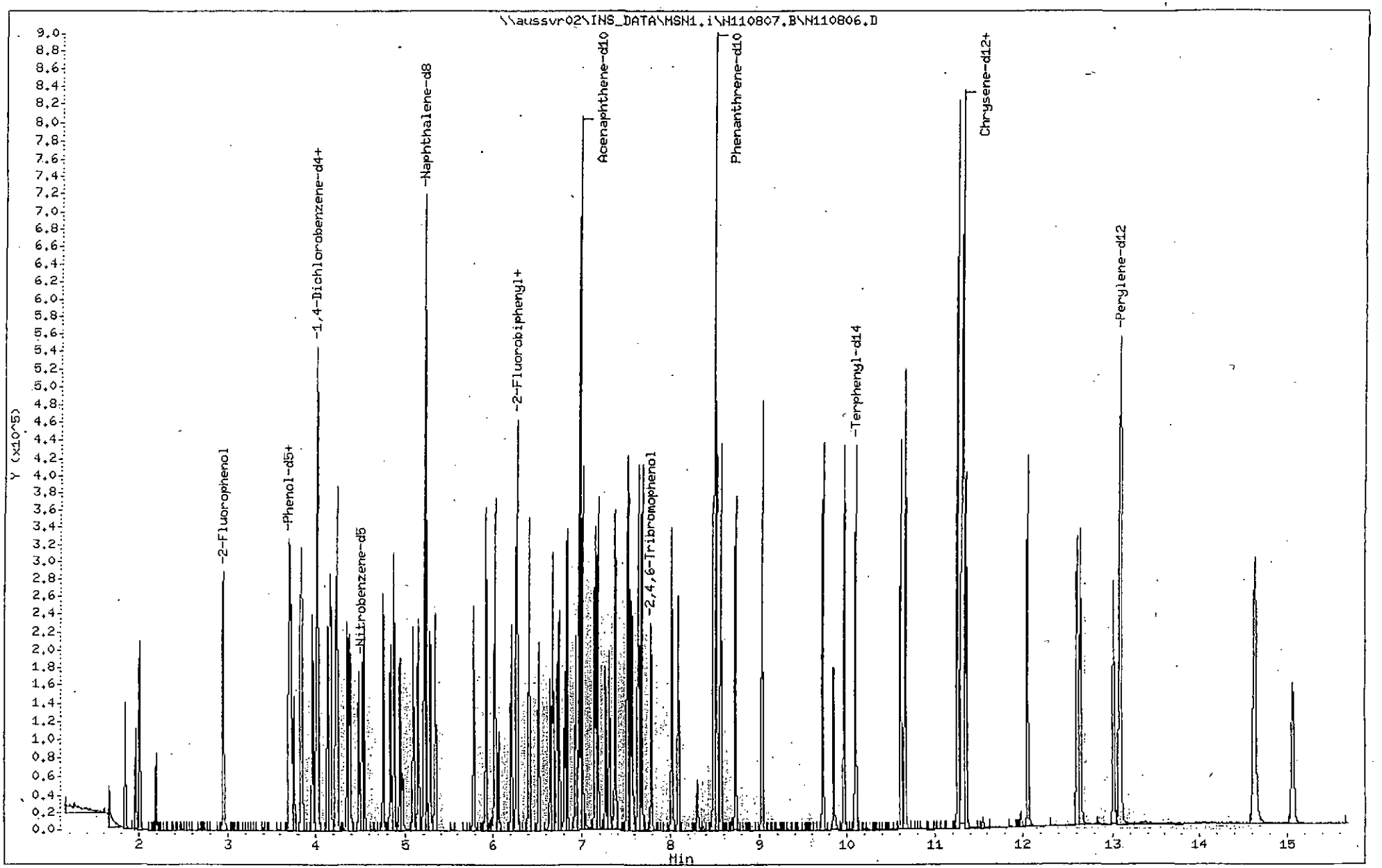
Q - Qualifier signal failed the ratio test.

Data File: \\aussvr02\INS_DATA\MSN1.i\N110807.B\N110806.D
Date : 08-NOV-2007 14:29
Client ID: HSL_5
Sample Info: Icalib_4;HSL_5;;1;4;3;;;; SHBPHSLL4_00002

Column phase: DB5.625

Instrument: MSN1.i

Operator: MALLOYM
Column diameter: 0.18



Data File: \\aussvr02\INS_DATA\MSN1.i\N110807.B\N110807.D Page 1
Report Date: 13-Nov-2007 16:10

TestAmerica Laboratories, Inc.

Method 8270C Semivolatiles

Data file : \\aussvr02\INS_DATA\MSN1.i\N110807.B\N110807.D
Lab Smp Id: Icalib_5 Client Smp ID: HSL_10
Inj Date : 08-NOV-2007 14:50
Operator : MALLOYM Inst ID: MSN1.i
Smp Info : Icalib_5;HSL_10;;1;5;3;;;; SMBPHSLL5_00002
Misc Info : ;2-HSL.sub; IS-SMINTSTDW_00003 (20 uL/1mL)
Comment : SOP NO. : AUS-MS-0005
Method : \\aussvr02\INS_DATA\MSN1.i\N110807.B\N1108BP.M
Meth Date : 13-Nov-2007 16:09 malloym Quant Type: ISTD
Cal Date : 08-NOV-2007 18:23 Cal File: N110817.D
Als bottle: 7 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 2-HSL.sub
Target Version: 4.14
Processing Host: AUS4K7MV21

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)	REVIEW CODE
* 23	1,4-Dichlorobenzene-d4	152	4.020	4.019	(1.000)	63211	10.0000		Rev
* 50	Naphthalene-d8	136	5.227	5.227	(1.000)	261382	10.0000		Rev
* 91	Acenaphthene-d10	164	6.985	6.984	(1.000)	165447	10.0000		Rev
* 132	Phenanthrene-d10	188	8.497	8.501	(1.000)	319875	10.0000		Rev
* 160	Chrysene-d12	240	11.333	11.333	(1.000)	317772	10.0000		Rev
* 169	Perylene-d12	264	13.102	13.101	(1.000)	260149	10.0000		Rev
$ 12	2-Fluorophenol	112	2.952	2.951	(0.734)	137795	15.0000	16.232	Rev
$ 15	Phenol-d5	99	3.705	3.704	(0.922)	185481	15.0000	16.168	Rev
$ 114	2,4,6-Tribromophenol	330	7.792	7.792	(0.917)	40944	15.0000	14.420	Rev
$ 38	Nitrobenzene-d5	82	4.533	4.532	(0.867)	128086	10.0000	11.132	Rev
$ 75	2-Fluorobiphenyl	172	6.280	6.280	(0.899)	235368	10.0000	10.683	Rev
$ 147	Terphenyl-d14	244	10.105	10.105	(0.892)	299680	10.0000	10.960	Rev
3	Bis (chloromethyl) ether	79	1.846	1.845	(0.459)	89895	10.0000	10.472	Rev
4	N-Nitrosodimethylamine	74	1.969	1.974	(0.490)	61652	10.0000	10.748	Rev
5	Pyridine	79	2.006	2.011	(0.499)	109003	10.0000	10.793	Rev
16	Phenol	94	3.716	3.715	(0.924)	150716	10.0000	10.667	Rev
18	Aniline	93	3.732	3.731	(0.928)	168298	10.0000	10.101	Rev
19	bis(2-Chloroethyl)ether	63	3.758	3.758	(0.935)	91062	10.0000	10.353	Rev
21	2-Chlorophenol	128	3.854	3.849	(0.959)	103327	10.0000	10.729	Rev
22	1,3-Dichlorobenzene	146	3.972	3.972	(0.988)	105344	10.0000	10.685	Rev
24	1,4-Dichlorobenzene	146	4.036	4.036	(1.004)	113983	10.0000	10.653	Rev
27	1,2-Dichlorobenzene	146	4.175	4.175	(1.039)	104233	10.0000	10.759	Rev
25	Benzyl Alcohol	108	4.143	4.142	(1.031)	70833	10.0000	10.760	Rev
29	bis(2-Chloroisopropyl)ether	45	4.239	4.239	(1.054)	205473	10.0000	10.846	Rev
28	2-Methylphenol	108	4.250	4.244	(1.057)	97723	10.0000	10.892	Rev
30	3-(and/or 4-)Methylphenol	108	4.389	4.388	(1.092)	99828	10.0000	10.691	Rev
33	N-Nitroso-di-n-propylamine	70	4.367	4.367	(1.086)	95200	10.0000	10.968	Rev
37	Hexachloroethane	117	4.490	4.490	(1.117)	47282	10.0000	11.103	Rev
39	Nitrobenzene	77	4.549	4.548	(0.870)	144478	10.0000	11.023	Rev
41	Isophorone	82	4.768	4.767	(0.912)	211580	10.0000	11.094	Rev
43	2-Nitrophenol	139	4.848	4.848	(0.927)	55649	10.0000	10.824	Rev
42	2,4-Dimethyphenol	107	4.886	4.885	(0.935)	123921	10.0000	10.943	Rev
45	Benzoic Acid	122	5.008	5.008	(0.958)	47951	10.0000	10.306	Rev

11-13-7

Data File: \\aussvr02\INS_DATA\MSN1.i\N110807.B\N110807.D Page 2
Report Date: 13-Nov-2007 16:10

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)	REVIEW CODE
46	Bis(2-chloroethoxy)methane	93	4.955	4.954	(0.948)	124834	10.0000	10.810	Rev
47	2,4-Dichlorophenol	162	5.099	5.099	(0.975)	80473	10.0000	10.987	Rev
49	1,2,4-Trichlorobenzene	180	5.158	5.158	(0.987)	90691	10.0000	10.953	Rev
51	Naphthalene	128	5.249	5.249	(1.004)	320981	10.0000	10.750	Rev
52	4-Chloroaniline	127	5.292	5.292	(1.012)	120093	10.0000	11.042	Rev
55	Hexachlorobutadiene	225	5.345	5.345	(1.022)	58214	10.0000	10.844	Rev
63	4-Chloro-3-Methylphenol	107	5.783	5.783	(1.106)	108758	10.0000	11.095	Rev
67	2-Methylnaphthalene	142	5.927	5.927	(1.134)	204913	10.0000	10.833	Rev
68	1-Methylnaphthalene	142	6.029	6.029	(1.153)	205201	10.0000	10.755	Rev
69	Hexachlorocyclopentadiene	237	6.071	6.071	(0.869)	39749	10.0000	9.4528	Rev
72	2,4,6-Trichlorophenol	196	6.216	6.216	(0.890)	59263	10.0000	10.695	Rev
74	2,4,5-Trichlorphenol	196	6.269	6.269	(0.898)	65998	10.0000	9.5693	Rev
78	2-Chloronaphthalene	127	6.419	6.419	(0.919)	93450	10.0000	10.688	Rev
80	2-Nitroaniline	65	6.526	6.526	(0.934)	86369	10.0000	10.888	Rev
82	1,4-Dinitrobenzene	168	6.659	6.659	(0.953)	36248	10.0000	10.618	Rev
83	Dimethylphthalate	163	6.686	6.691	(0.957)	239898	10.0000	10.792	Rev
85	2,6-Dinitrotoluene	165	6.761	6.761	(0.968)	56344	10.0000	10.767	Rev
84	1,3-Dinitrobenzene	168	6.734	6.739	(0.964)	41366	10.0000	11.054	Rev
86	Acenaphthylene	152	6.846	6.846	(0.980)	338245	10.0000	10.737	Rev
89	3-Nitroaniline	138	6.948	6.948	(0.995)	53647	10.0000	10.626	Rev
92	Acenaphthene	153	7.017	7.017	(1.005)	211072	10.0000	10.614	Rev
93	2,4-Dinitrophenol	184	7.038	7.044	(1.008)	20730	10.0000	10.086(Q)	Rev
94	4-Nitrophenol	109	7.156	7.156	(1.024)	42936	10.0000	9.7188	Rev
96	2,4-Dinitrotoluene	165	7.167	7.167	(1.026)	78453	10.0000	10.599	Rev
97	Dibenzofuran	168	7.188	7.193	(1.029)	296834	10.0000	10.654	Rev
99	2,3,5,6-Tetrachlorophenol	232	7.273	7.273	(1.041)	48395	10.0000	9.4764	Rev
101	2,3,4,6-tetrachlorophenol	232	7.316	7.322	(1.047)	54258	10.0000	9.8514	Rev
103	Diethylphthalate	149	7.391	7.391	(1.058)	260014	10.0000	10.850	Rev
105	4-Chlorophenyl-phenylether	204	7.519	7.525	(1.076)	128479	10.0000	10.376	Rev
107	Fluorene	166	7.541	7.541	(1.080)	248166	10.0000	10.628	Rev
109	4,6-Dinitro-2-methylphenol	198	7.583	7.583	(0.892)	42844	10.0000	9.4762	Rev
108	4-Nitroaniline	138	7.578	7.578	(1.085)	55830	10.0000	10.550	Rev
110	N-Nitrosodiphenylamine/DPA	169	7.647	7.647	(1.095)	211112	10.0000	10.757	Rev
111	Azobenzene	77	7.685	7.685	(0.904)	324076	10.0000	10.982	Rev
122	4-Bromophenyl-phenylether	248	8.021	8.021	(0.944)	71266	10.0000	10.945	Rev
123	Hexachlorobenzene	284	8.096	8.096	(0.953)	68750	10.0000	10.758	Rev
127	Pentachlorophenol	266	8.304	8.310	(0.977)	23587	10.0000	10.000	Rev
133	Phenanthrene	178	8.523	8.523	(1.003)	368395	10.0000	10.624	Rev
134	Anthracene	178	8.577	8.577	(1.009)	363374	10.0000	10.916	Rev
135	Carbazole	167	8.737	8.737	(1.028)	321221	10.0000	10.716	Rev
137	Di-n-Butylphthalate	149	9.036	9.036	(1.063)	459100	10.0000	9.7618	Rev
142	Fluoranthene	202	9.731	9.731	(1.145)	402330	10.0000	11.018	Rev
144	Benzidine	184	9.854	9.854	(0.869)	181075	10.0000	9.5584	Rev
146	Pyrene	202	9.971	9.977	(0.880)	415371	10.0000	10.982	Rev
152	Butylbenzylphthalate	149	10.618	10.618	(0.937)	203548	10.0000	10.227	Rev
158	3,3'-Dichlorobenzidine	252	11.269	11.269	(0.994)	144986	10.0000	9.9455	Rev
159	Benzo(a)anthracene	228	11.317	11.317	(0.999)	401208	10.0000	10.569	Rev
156	bis(2-Ethylhexyl)phthalate	149	11.264	11.264	(0.994)	318997	10.0000	9.9310	Rev
161	Chrysene	228	11.371	11.371	(1.003)	376036	10.0000	10.838	Rev
162	Di-n-octylphthalate	149	12.060	12.060	(0.920)	471688	10.0000	9.6128	Rev
166	Benzo(b)fluoranthene	252	12.621	12.626	(0.963)	359642	10.0000	10.936	Rev
167	Benzo(k)fluoranthene	252	12.658	12.658	(0.966)	401696	10.0000	11.067	Rev
168	Benzo(a)pyrene	252	13.032	13.032	(0.995)	334343	10.0000	10.950	Rev
173	Indeno(1,2,3-cd)pyrene	276	14.640	14.646	(1.117)	386937	10.0000	11.238	Rev

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)	REVIEW CODE
174 Dibenz(a,h)anthracene	278	14.656	14.662	(1.119)	332061	10.0000	10.005	Rev
176 Benzo(g,h,i)perylene	276	15.094	15.094	(1.152)	306634	10.0000	11.271	Rev

QC Flag Legend

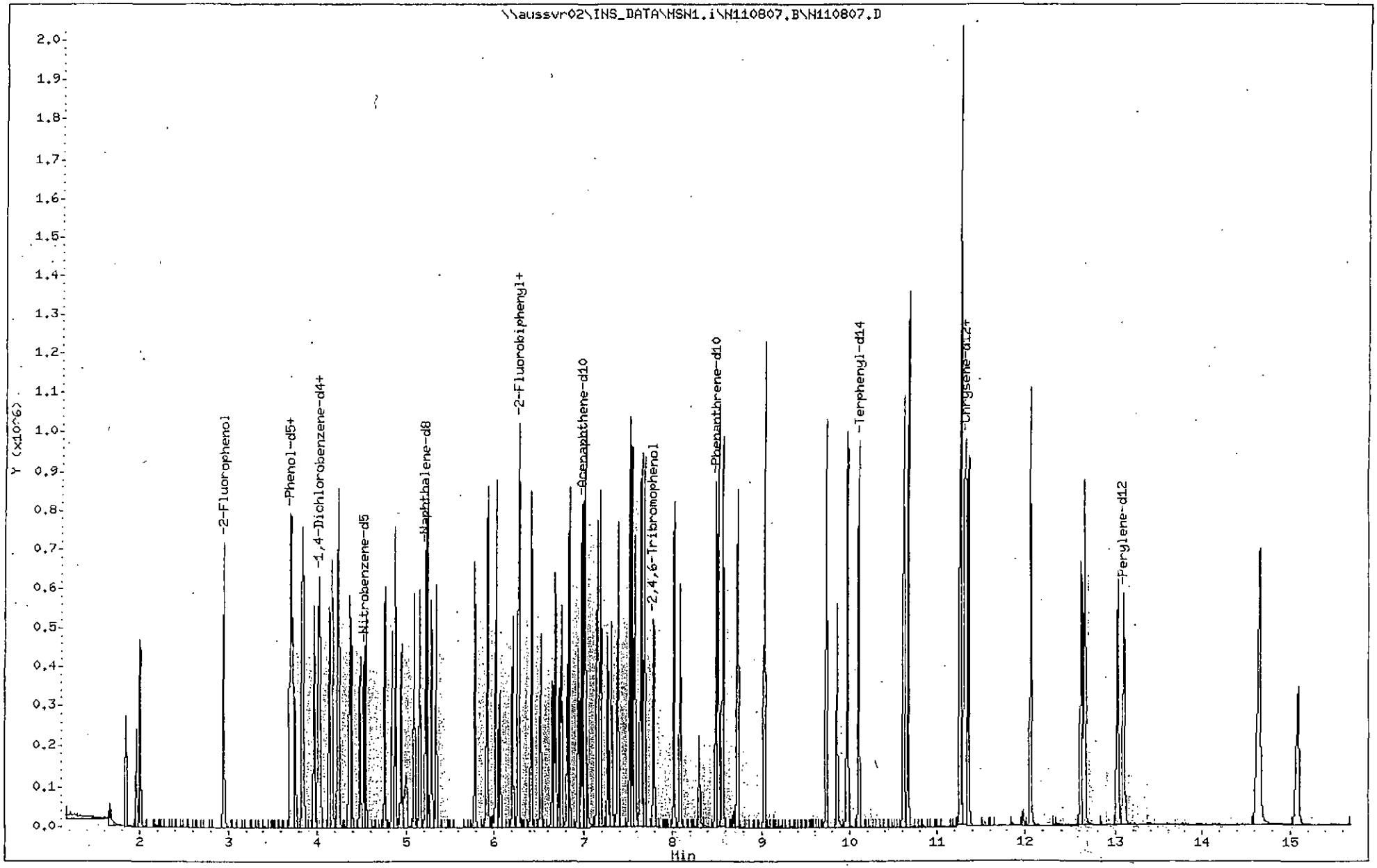
Q - Qualifier signal failed the ratio test.

Data File: \\aussvr02\INS_DATA\MSN1.i\N110807.B\N110807.D
Date : 08-NOV-2007 14:50
Client ID: HSL_10
Sample Info: Icalib_5;HSL_10;;1;5;3;;;; SMBPHSLL5_00002

Column phase: DB5.625

Instrument: MSN1.i

Operator: MALLOYM
Column diameter: 0.18



Data File: \\aussvr02\INS_DATA\MSN1.i\N110807.B\N110808.D Page 1
Report Date: 13-Nov-2007 16:10

TestAmerica Laboratories, Inc.

Method 8270C Semivolatiles

Data file : \\aussvr02\INS_DATA\MSN1.i\N110807.B\N110808.D
Lab Smp Id: Icalib_6 Client Smp ID: HSL_15
Inj Date : 08-NOV-2007 15:11
Operator : MALLOYM Inst ID: MSN1.i
Smp Info : Icalib_6;HSL_15;;1;6;3;;;; SMBPHSLL6_00002
Misc Info : ;2-HSL.sub; IS-SMINTSTDW_00003 (20 uL/1mL)
Comment : SOP NO. : AUS-MS-0005
Method : \\aussvr02\INS_DATA\MSN1.i\N110807.B\N1108BP.M
Meth Date : 13-Nov-2007 16:09 malloym Quant Type: ISTD
Cal Date : 08-NOV-2007 18:23 Cal File: N110817.D
Als bottle: 8 Calibration Sample, Level: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 2-HSL.sub
Target Version: 4.14
Processing Host: AUS4K7MV21

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	ON-COL (ug/mL)	REVIEW CODE
* 23 1,4-Dichlorobenzene-d4	152	4.020	4.019	(1.000)	63006	10.0000	(Q)	Rev
* 50 Naphthalene-d8	136	5.227	5.227	(1.000)	261697	10.0000		Rev
* 91 Acenaphthene-d10	164	6.985	6.984	(1.000)	163727	10.0000		Rev
* 132 Phenanthrene-d10	188	8.497	8.501	(1.000)	318212	10.0000		Rev
* 160 Chrysene-d12	240	11.339	11.333	(1.000)	324365	10.0000		Rev
* 169 Perylene-d12	264	13.102	13.101	(1.000)	259963	10.0000		Rev
$ 12 2-Fluorophenol	112	2.957	2.951	(0.736)	210390	22.5000	24.865	Rev
$ 15 Phenol-d5	99	3.710	3.704	(0.923)	281691	22.5000	24.634	Rev
$ 114 2,4,6-Tribromophenol	330	7.792	7.792	(0.917)	63292	22.5000	21.934	Rev
$ 38 Nitrobenzene-d5	82	4.533	4.532	(0.867)	189410	15.0000	16.443	Rev
$ 75 2-Fluorobiphenyl	172	6.285	6.280	(0.900)	356624	15.0000	16.356	Rev
$ 147 Terphenyl-d14	244	10.105	10.105	(0.891)	461927	15.0000	16.550	Rev
3 Bis (chloromethyl) ether	79	1.846	1.845	(0.459)	137897	15.0000	16.116	Rev
4 N-Nitrosodimethylamine	74	1.974	1.974	(0.491)	92284	15.0000	16.140	Rev
5 Pyridine	79	2.011	2.011	(0.500)	166847	15.0000	16.574	Rev
16 Phenol	94	3.721	3.715	(0.926)	232911	15.0000	16.538	Rev
18 Aniline	93	3.737	3.731	(0.930)	265251	15.0000	15.972 (Q)	Rev
19 bis(2-Chloroethyl)ether	63	3.764	3.758	(0.936)	149932	15.0000	17.102	Rev
21 2-Chlorophenol	128	3.855	3.849	(0.959)	159346	15.0000	16.600	Rev
22 1,3-Dichlorobenzene	146	3.972	3.972	(0.988)	160851	15.0000	16.368	Rev
24 1,4-Dichlorobenzene	146	4.036	4.036	(1.004)	172494	15.0000	16.174	Rev
27 1,2-Dichlorobenzene	146	4.180	4.175	(1.040)	158114	15.0000	16.373	Rev
25 Benzyl Alcohol	108	4.143	4.142	(1.031)	107583	15.0000	16.396	Rev
29 bis(2-Chloroisopropyl)ether	45	4.239	4.239	(1.054)	307611	15.0000	16.291	Rev
28 2-Methylphenol	108	4.250	4.244	(1.057)	148792	15.0000	16.638	Rev
30 3-(and/or 4-)Methylphenol	108	4.394	4.388	(1.093)	151446	15.0000	16.272	Rev
33 N-Nitroso-di-n-propylamine	70	4.373	4.367	(1.088)	144156	15.0000	16.663	Rev
37 Hexachloroethane	117	4.490	4.490	(1.117)	70509	15.0000	16.612	Rev
39 Nitrobenzene	77	4.554	4.548	(0.871)	215085	15.0000	16.391	Rev
41 Isophorone	82	4.773	4.767	(0.913)	318480	15.0000	16.679	Rev
43 2-Nitrophenol	139	4.853	4.848	(0.928)	84173	15.0000	16.353	Rev
42 2,4-Dimethyphenol	107	4.886	4.885	(0.935)	187531	15.0000	16.540	Rev
45 Benzoic Acid	122	5.024	5.008	(0.961)	72491	15.0000	15.210	Rev

Data File: \\aussvr02\INS_DATA\MSN1.i\N110807.B\N110808.D Page 2
Report Date: 13-Nov-2007 16:10

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)	REVIEW CODE
46 Bis(2-chloroethoxy)methane	93	4.955	4.954	(0.948)	188106	15.0000	16.269	Rev
47 2,4-Dichlorophenol	162	5.105	5.099	(0.977)	121955	15.0000	16.630	Rev
49 1,2,4-Trichlorobenzene	180	5.163	5.158	(0.988)	135239	15.0000	16.314	Rev
51 *Naphthalene*	128	5.249	5.249	(1.004)	489413	15.0000	16.372	Rev
52 4-Chloroaniline	127	5.297	5.292	(1.013)	180344	15.0000	16.561	Rev
55 Hexachlorobutadiene	225	5.345	5.345	(1.022)	88236	15.0000	16.417	Rev
63 4-Chloro-3-Methylphenol	107	5.783	5.783	(1.106)	164967	15.0000	16.809	Rev
67 2-Methylnaphthalene	142	5.927	5.927	(1.134)	309936	15.0000	16.365	Rev
68 1-Methylnaphthalene	142	6.029	6.029	(1.153)	311518	15.0000	16.308	Rev
69 Hexachlorocyclopentadiene	237	6.072	6.071	(0.869)	67916	15.0000	14.240	Rev
72 2,4,6-Trichlorophenol	196	6.216	6.216	(0.890)	90267	15.0000	16.461	Rev
74 2,4,5-Trichlorphenol	196	6.275	6.269	(0.898)	101628	15.0000	14.600	Rev
78 2-Chloronaphthalene	127	6.424	6.419	(0.920)	141558	15.0000	16.360	Rev
80 2-Nitroaniline	65	6.531	6.526	(0.935)	128518	15.0000	16.371	Rev
82 1,4-Dinitrobenzene	168	6.659	6.659	(0.953)	54583	15.0000	16.156	Rev
83 Dimethylphthalate	163	6.691	6.691	(0.958)	355811	15.0000	16.174	Rev
85 2,6-Dinitrotoluene	165	6.761	6.761	(0.968)	83002	15.0000	16.028	Rev
84 1,3-Dinitrobenzene	168	6.739	6.739	(0.965)	61496	15.0000	16.607	Rev
86 Acenaphthylene	152	6.851	6.846	(0.981)	513846	15.0000	16.482	Rev
89 3-Nitroaniline	138	6.953	6.948	(0.995)	80163	15.0000	16.046	Rev
92 Acenaphthene	153	7.022	7.017	(1.005)	320537	15.0000	16.288	Rev
93 2,4-Dinitrophenol	184	7.044	7.044	(1.008)	35079	15.0000	14.186	Rev
94 4-Nitrophenol	109	7.161	7.156	(1.025)	65361	15.0000	14.573	Rev
96 2,4-Dinitrotoluene	165	7.172	7.167	(1.027)	120299	15.0000	16.423	Rev
97 Dibenzofuran	168	7.193	7.193	(1.030)	452298	15.0000	16.404	Rev
99 2,3,5,6-Tetrachlorophenol	232	7.279	7.273	(1.042)	76577	15.0000	14.730	Rev
101 2,3,4,6-tetrachlorophenol	232	7.322	7.322	(1.048)	81702	15.0000	14.477	Rev
103 Diethylphthalate	149	7.396	7.391	(1.059)	386493	15.0000	16.297	Rev
105 4-Chlorophenyl-phenylether	204	7.525	7.525	(1.077)	196570	15.0000	16.041	Rev
107 Fluorene	166	7.546	7.541	(1.080)	383684	15.0000	16.605	Rev
109 4,6-Dinitro-2-methylphenol	198	7.589	7.583	(0.893)	68598	15.0000	14.669	Rev
108 4-Nitroaniline	138	7.589	7.578	(1.086)	83360	15.0000	15.918	Rev
110 N-Nitrosodiphenylamine/DPA	169	7.653	7.647	(1.096)	317424	15.0000	16.344	Rev
111 Azobenzene	77	7.690	7.685	(0.905)	486064	15.0000	16.558	Rev
122 4-Bromophenyl-phenylether	248	8.027	8.021	(0.945)	107641	15.0000	16.618	Rev
123 Hexachlorobenzene	284	8.096	8.096	(0.953)	105052	15.0000	16.525	Rev
127 Pentachlorophenol	266	8.310	8.310	(0.978)	40943	15.0000	14.780	Rev
133 Phenanthrene	178	8.529	8.523	(1.004)	561232	15.0000	16.269	Rev
134 Anthracene	178	8.577	8.577	(1.009)	557440	15.0000	16.834	Rev
135 Carbazole	167	8.743	8.737	(1.029)	487075	15.0000	16.333	Rev
137 Di-n-Butylphthalate	149	9.036	9.036	(1.063)	708015	15.0000	14.738	Rev
142 Fluoranthene	202	9.736	9.731	(1.146)	608500	15.0000	16.752	Rev
144 Benzidine	184	9.859	9.854	(0.870)	292205	15.0000	14.572	Rev
145 Pyrene	202	9.977	9.977	(0.880)	629147	15.0000	16.296	Rev
152 Butylbenzylphthalate	149	10.618	10.618	(0.936)	312406	15.0000	15.196	Rev
158 3,3'-Dichlorobenzidine	252	11.275	11.269	(0.994)	229632	15.0000	15.336	Rev
159 Benzo(a)anthracene	228	11.323	11.317	(0.999)	611711	15.0000	15.787	Rev
156 bis(2-Ethylhexyl)phthalate	149	11.269	11.264	(0.994)	504035	15.0000	15.063	Rev
161 Chrysene	228	11.376	11.371	(1.003)	573642	15.0000	16.197	Rev
162 Di-n-octylphthalate	149	12.060	12.060	(0.920)	740242	15.0000	14.742	Rev
166 Benzo(b)fluoranthene	252	12.632	12.626	(0.964)	588206	15.0000	17.898	Rev
167 Benzo(k)fluoranthene	252	12.669	12.658	(0.967)	587275	15.0000	16.191	Rev
168 Benzo(a)pyrene	252	13.038	13.032	(0.995)	514303	15.0000	16.856	Rev
173 Indeno(1,2,3-cd)pyrene	276	14.662	14.646	(1.119)	584021	15.0000	16.975	Rev

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)	REVIEW CODE
174 Dibenz(a,h)anthracene	278	14.672	14.662	(1.120)	511935	15.0000	15.179	Rev
176 Benzo(g,h,i)perylene	276	15.110	15.094	(1.153)	452474	15.0000	16.644	Rev

QC Flag Legend

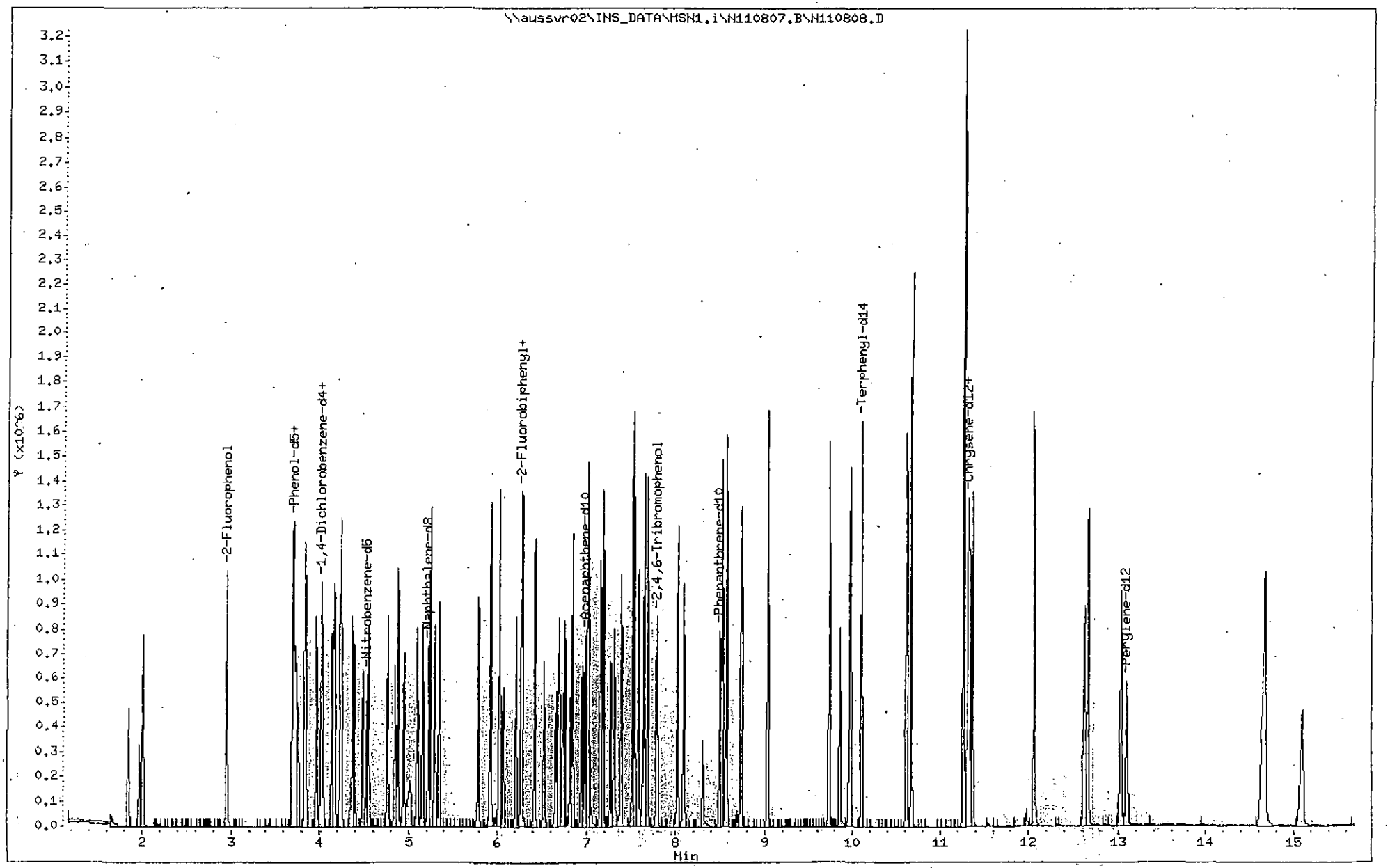
Q - Qualifier signal failed the ratio test.

Data File: \\aussvr02\INS_DATA\MSN1.i\N110807.B\N110808.D
Date : 08-NOV-2007 15:11
Client ID: HSL_15
Sample Info: Icalib_6;HSL_15;;1;6;3;;;; SHBPHSLL6_00002

Column phase: DB5.625

Instrument: MSN1.i

Operator: MALLOYM
Column diameter: 0.18



Data File: \\aussvr02\INS_DATA\MSN1.i\N110807.B\N110809.D Page 1
Report Date: 13-Nov-2007 16:10

TestAmerica Laboratories, Inc.

Method 8270C Semivolatiles

Data file : \\aussvr02\INS_DATA\MSN1.i\N110807.B\N110809.D
Lab Smp Id: Icalib_7 Client Smp ID: HSL_20
Inj Date : 08-NOV-2007 15:32
Operator : MALLOYM Inst ID: MSN1.i
Smp Info : Icalib_7;HSL_20;;1;7;3;;;; SMBPHSLL7_00002
Misc Info : ;2-HSL.sub; IS-SMINTSTDW_00003 (20 uL/1mL)
Comment : SOP NO. : AUS-MS-0005
Method : \\aussvr02\INS_DATA\MSN1.i\N110807.B\N1108BP.M
Meth Date : 13-Nov-2007 16:09 malloym Quant Type: ISTD
Cal Date : 08-NOV-2007 18:23 Cal File: N110817.D
Als bottle: 9 Calibration Sample, Level: 7
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 2-HSL.sub
Target Version: 4.14
Processing Host: AUS4K7MV21

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	ON-COL (ug/mL)		REVIEW CODE
*	23 1,4-Dichlorobenzene-d4	152	4.022	4.019	(1.000)	65455	10.0000		(Q)	Rev
*	50 Naphthalene-d8	136	5.229	5.227	(1.000)	265327	10.0000			Rev
*	91 Acenaphthene-d10	164	6.987	6.984	(1.000)	163792	10.0000			Rev
*	132 Phenanthrene-d10	188	8.499	8.501	(1.000)	323309	10.0000			Rev
*	160 Chrysene-d12	240	11.346	11.333	(1.000)	335903	10.0000			Rev
*	169 Perylene-d12	264	13.104	13.101	(1.000)	264348	10.0000			Rev
$	12 2-Fluorophenol	112	2.954	2.951	(0.734)	286865	30.0000	32.635		Rev
$	15 Phenol-d5	99	3.712	3.704	(0.923)	392166	30.0000	33.012		Rev
$	114 2,4,6-Tribromophenol	330	7.799	7.792	(0.918)	87469	30.0000	29.526		Rev
$	38 Nitrobenzene-d5	82	4.535	4.532	(0.867)	255894	20.0000	21.910		Rev
$	75 2-Fluorobiphenyl	172	6.287	6.280	(0.900)	490025	20.0000	22.466		Rev
$	147 Terphenyl-d14	244	10.107	10.105	(0.891)	641431	20.0000	22.192		Rev
	3 Bis (chloromethyl) ether	79	1.842	1.845	(0.458)	185860	20.0000	20.908		Rev
	4 N-Nitrosodimethylamine	74	1.976	1.974	(0.491)	122618	20.0000	20.643		Rev
	5 Pyridine	79	2.013	2.011	(0.501)	223724	20.0000	21.393		Rev
	16 Phenol	94	3.723	3.715	(0.926)	326801	20.0000	22.337		Rev
	18 Aniline	93	3.744	3.731	(0.931)	368308	20.0000	21.347		Rev
	19 bis(2-Chloroethyl)ether	63	3.766	3.758	(0.936)	200582	20.0000	22.023		Rev
	21 2-Chlorophenol	128	3.856	3.849	(0.959)	221916	20.0000	22.253		Rev
	22 1,3-Dichlorobenzene	146	3.974	3.972	(0.988)	217648	20.0000	21.319		Rev
	24 1,4-Dichlorobenzene	146	4.038	4.036	(1.004)	236997	20.0000	21.391		Rev
	27 1,2-Dichlorobenzene	146	4.182	4.175	(1.040)	219362	20.0000	21.866		Rev
	25 Benzyl Alcohol	108	4.150	4.142	(1.032)	144826	20.0000	21.246		Rev
	29 bis(2-Chloroisopropyl)ether	45	4.241	4.239	(1.054)	415695	20.0000	21.191		Rev
	28 2-Methylphenol	108	4.252	4.244	(1.057)	202469	20.0000	21.793		Rev
	30 3-(and/or 4-)Methylphenol	108	4.396	4.388	(1.093)	209691	20.0000	21.687		Rev
	33 N-Nitroso-di-n-propylamine	70	4.380	4.367	(1.089)	194801	20.0000	21.675		Rev
	37 Hexachloroethane	117	4.492	4.490	(1.117)	95154	20.0000	21.579		Rev
	39 Nitrobenzene	77	4.556	4.548	(0.871)	288468	20.0000	21.682		Rev
	41 Isophorone	82	4.775	4.767	(0.913)	426472	20.0000	22.029		Rev
	43 2-Nitrophenol	139	4.855	4.848	(0.928)	114436	20.0000	21.929		Rev
	42 2,4-Dimethyphenol	107	4.887	4.885	(0.935)	252094	20.0000	21.930		Rev
	45 Benzoic Acid	122	5.037	5.008	(0.963)	97977	20.0000	20.047		Rev

MW 11-13

Data File: \\aussvr02\INS_DATA\MSN1.i\N110807.B\N110809.D Page 2
Report Date: 13-Nov-2007 16:10

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)	REVIEW CODE
46 Bis(2-chloroethoxy)methane	93	4.957	4.954	(0.948)	252313	20.0000	21.523	Rev
47 2,4-Dichlorophenol	162	5.101	5.099	(0.975)	165499	20.0000	22.259	Rev
49 1,2,4-Trichlorobenzene	180	5.165	5.158	(0.988)	185176	20.0000	22.032	Rev
51 Naphthalene	128	5.251	5.249	(1.004)	660946	20.0000	21.808	Rev
52 4-Chloroaniline	127	5.299	5.292	(1.013)	246855	20.0000	22.359	Rev
55 Hexachlorobutadiene	225	5.347	5.345	(1.022)	120018	20.0000	22.025	Rev
63 4-Chloro-3-Methylphenol	107	5.785	5.783	(1.106)	222964	20.0000	22.408	Rev
67 2-Methylnaphthalene	142	5.929	5.927	(1.134)	422431	20.0000	22.000	Rev
68 1-Methylnaphthalene	142	6.031	6.029	(1.153)	426334	20.0000	22.013	Rev
69 Hexachlorocyclopentadiene	237	6.073	6.071	(0.869)	98691	20.0000	19.388	Rev
72 2,4,6-Trichlorophenol	196	6.218	6.216	(0.890)	121459	20.0000	22.140	Rev
74 2,4,5-Trichlorphenol	196	6.271	6.269	(0.898)	140528	20.0000	19.981	Rev
78 2-Chloronaphthalene	127	6.426	6.419	(0.920)	191171	20.0000	22.085	Rev
80 2-Nitroaniline	65	6.533	6.526	(0.935)	171467	20.0000	21.834	Rev
82 1,4-Dinitrobenzene	168	6.666	6.659	(0.954)	74352	20.0000	21.999	Rev
83 Dimethylphthalate	163	6.698	6.691	(0.959)	478639	20.0000	21.758	Rev
85 2,6-Dinitrotoluene	165	6.768	6.761	(0.969)	111461	20.0000	21.515	Rev
84 1,3-Dinitrobenzene	168	6.747	6.739	(0.966)	80923	20.0000	21.844	Rev
86 Acenaphthylene	152	6.853	6.846	(0.981)	700450	20.0000	22.459	Rev
89 3-Nitroaniline	138	6.955	6.948	(0.995)	108897	20.0000	21.788	Rev
92 Acenaphthene	153	7.024	7.017	(1.005)	436233	20.0000	22.158	Rev,
93 2,4-Dinitrophenol	184	7.046	7.044	(1.008)	52814	20.0000	19.172	Rev
94 4-Nitrophenol	109	7.163	7.156	(1.025)	91241	20.0000	20.058	Rev
96 2,4-Dinitrotoluene	165	7.174	7.167	(1.027)	163949	20.0000	22.373	Rev
97 Dibenzofuran	168	7.195	7.193	(1.030)	614052	20.0000	22.261	Rev
99 2,3,5,6-Tetrachlorophenol	232	7.281	7.273	(1.042)	105653	20.0000	20.048	Rev
101 2,3,4,6-tetrachlorophenol	232	7.323	7.322	(1.048)	111066	20.0000	19.319	Rev
103 Diethylphthalate	149	7.404	7.391	(1.060)	521307	20.0000	21.973	Rev
105 4-Chlorophenyl-phenylether	204	7.526	7.525	(1.077)	273696	20.0000	22.326	Rev
107 Fluorene	166	7.548	7.541	(1.080)	523344	20.0000	22.640	Rev
109 4,6-Dinitro-2-methylphenol	198	7.596	7.583	(0.894)	96057	20.0000	19.856	Rev
108 4-Nitroaniline	138	7.596	7.578	(1.087)	116305	20.0000	22.200	Rev
110 N-Nitrosodiphenylamine/DPA	169	7.655	7.647	(1.096)	437662	20.0000	22.525	Rev
111 Azobenzene	77	7.692	7.685	(0.905)	652727	20.0000	21.885	Rev
122 4-Bromophenyl-phenylether	248	8.029	8.021	(0.945)	147390	20.0000	22.396	Rev
123 Hexachlorobenzene	284	8.098	8.096	(0.953)	144343	20.0000	22.348	Rev
127 Pentachlorophenol	266	8.312	8.310	(0.978)	58728	20.0000	19.391	Rev
133 Phenanthrene	178	8.531	8.523	(1.004)	773482	20.0000	22.068	Rev
134 Anthracene	178	8.584	8.577	(1.010)	764986	20.0000	22.737	Rev
135 Carbazole	167	8.744	8.737	(1.029)	670992	20.0000	22.146	Rev
137 Di-n-Butylphthalate	149	9.044	9.036	(1.064)	961468	20.0000	19.457	Rev
142 Fluoranthene	202	9.738	9.731	(1.146)	830045	20.0000	22.490	Rev
144 Benzidine	184	9.861	9.854	(0.869)	417079	20.0000	19.734	Rev
145 Pyrene	202	9.979	9.977	(0.879)	862446	20.0000	21.571	Rev
152 Butylbenzylphthalate	149	10.625	10.618	(0.936)	424321	20.0000	19.818	Rev
158 3,3'-Dichlorobenzidine	252	11.282	11.269	(0.994)	322927	20.0000	20.763	Rev
159 Benzo(a)anthracene	228	11.330	11.317	(0.999)	844801	20.0000	21.054	Rev
156 bis(2-Ethylhexyl)phthalate	149	11.271	11.264	(0.993)	707421	20.0000	20.214	Rev
161 Chrysene	228	11.378	11.371	(1.003)	779854	20.0000	21.263	Rev
162 Di-n-octylphthalate	149	12.067	12.060	(0.921)	1021696	20.0000	19.788	Rev
166 Benzo(b)fluoranthene	252	12.634	12.626	(0.964)	779030	20.0000	23.312	Rev
167 Benzo(k)fluoranthene	252	12.676	12.658	(0.967)	851318	20.0000	23.082	Rev
168 Benzo(a)pyrene	252	13.045	13.032	(0.996)	708729	20.0000	22.844	Rev
173 Indeno(1,2,3-cd)pyrene	276	14.680	14.646	(1.120)	787328	20.0000	22.504	Rev

Data File: \\aussvr02\INS_DATA\MSN1.i\N110807.B\N110809.D Page 3
Report Date: 13-Nov-2007 16:10

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)	REVIEW CODE
174 Dibenz(a,h)anthracene	278	14.690	14.662	(1.121)	691900	20.0000	20.020	Rev
176 Benzo(g,h,i)perylene	276	15.123	15.094	(1.154)	602253	20.0000	21.786	Rev

QC Flag Legend

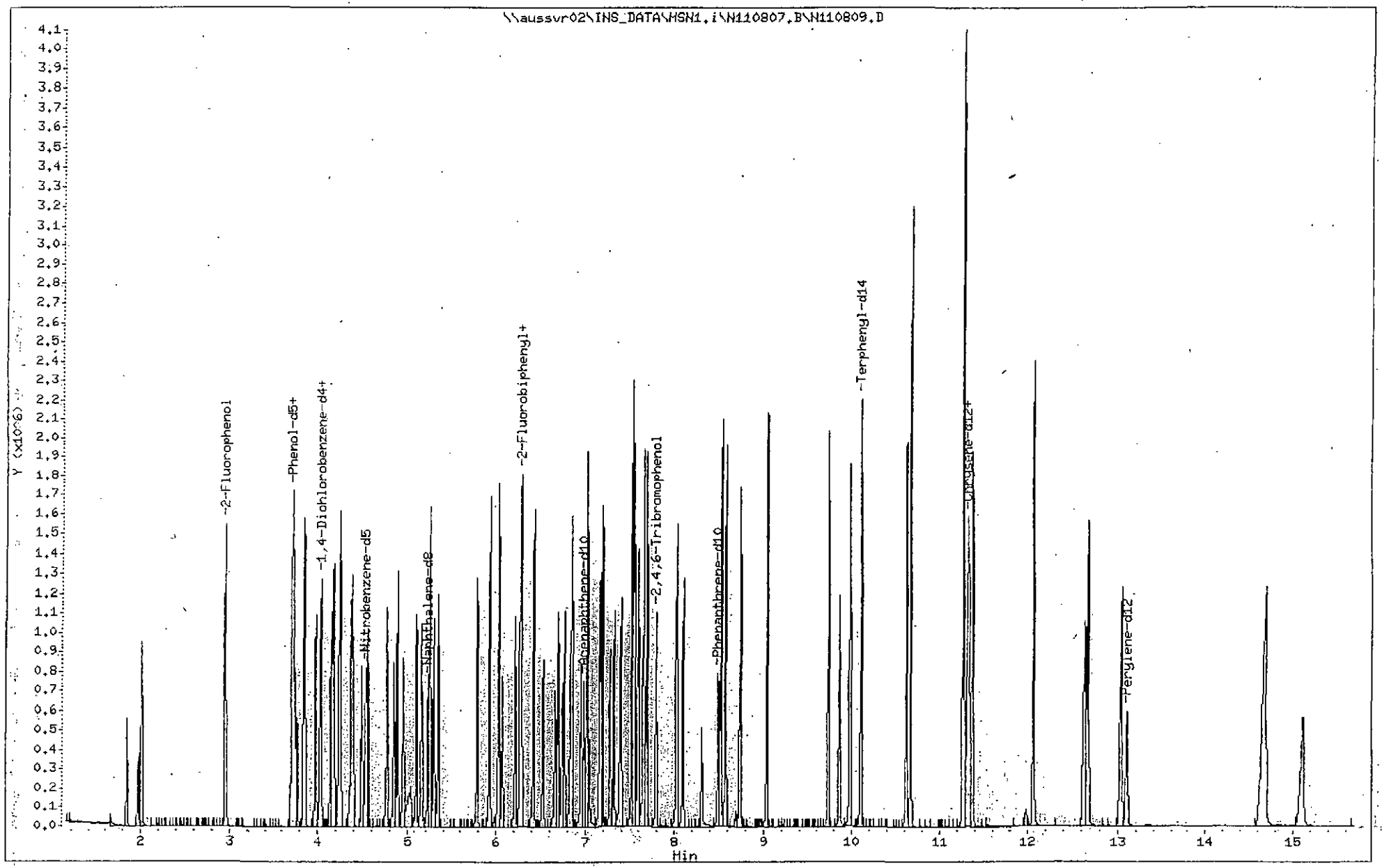
Q - Qualifier signal failed the ratio test.

Data File: \\aussvr02\INS_DATA\MSN1.i\N110807.B\N110809.D
Date : 08-NOV-2007 15:32
Client ID: HSL_20
Sample Info: Icalib_7;HSL_20;;;1;7;3;;;; SMBPHSLL7_00002

Column phase: DB5.625

Instrument: MSN1.i

Operator: MALLOYM
Column diameter: 0.18



Data File: \\aussvr02\INS_DATA\MSN1.i\N110807.B\N110810.D Page 1
Report Date: 13-Nov-2007 16:10

TestAmerica Laboratories, Inc.

Method 8270C Semivolatiles

Data file : \\aussvr02\INS_DATA\MSN1.i\N110807.B\N110810.D
Lab Smp Id: Icalib_8 Client Smp ID: HSL_30
Inj Date : 08-NOV-2007 15:55
Operator : MALLOYM Inst ID: MSN1.i
Smp Info : Icalib_8;HSL_30;;1;8;3;;;; SMBPHSLL8_00002
Misc Info : ;2-HSL.sub; IS-SMINTSTDW_00003 (20 uL/1mL)
Comment : SOP NO. : AUS-MS-0005
Method : \\aussvr02\INS_DATA\MSN1.i\N110807.B\N1108BP.M
Meth Date : 13-Nov-2007 16:09 malloym Quant Type: ISTD
Cal Date : 08-NOV-2007 18:23 Cal File: N110817.D
Als bottle: 10 Calibration Sample, Level: 8
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 2-HSL.sub
Target Version: 4.14
Processing Host: AUS4K7MV21

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	ON-COL (ug/mL)	REVIEW CODE
* 23 1,4-Dichlorobenzene-d4	152	4.023	4.019	(1.000)	66202	10.0000	(Q)	Rev
* 50 Naphthalene-d8	136	5.230	5.227	(1.000)	268392	10.0000		Rev
* 91 Acenaphthene-d10	164	6.993	6.984	(1.000)	167315	10.0000		Rev
* 132 Phenanthrene-d10	188	8.505	8.501	(1.000)	327616	10.0000		Rev
* 160 Chrysene-d12	240	11.352	11.333	(1.000)	355225	10.0000		Rev
* 169 Perylene-d12	264	13.115	13.101	(1.000)	270341	10.0000		Rev
$ 12 2-Fluorophenol	112	2.955	2.951	(0.734)	454064	45.0000	51.073(A)	Rev
$ 15 Phenol-d5	99	3.718	3.704	(0.924)	617213	45.0000	51.369(A)	Rev
$ 114 2,4,6-Tribromophenol	330	7.805	7.792	(0.918)	143051	45.0000	47.129(A)	Rev
$ 38 Nitrobenzene-d5	82	4.547	4.532	(0.869)	381421	30.0000	32.285(A)	Rev
$ 75 2-Fluorobiphenyl	172	6.293	6.280	(0.900)	787936	30.0000	35.363(A)	Rev
$ 147 Terphenyl-d14	244	10.113	10.105	(0.891)	1031336	30.0000	33.741(A)	Rev
3 Bis (chloromethyl) ether	79	1.843	1.845	(0.458)	280203	30.0000	31.165(A)	Rev
4 N-Nitrosodimethylamine	74	1.982	1.974	(0.493)	184482	30.0000	30.707(A)	Rev
5 Pyridine	79	2.014	2.011	(0.501)	341563	30.0000	32.293(A)	Rev
16 Phenol	94	3.729	3.715	(0.927)	521667	30.0000	35.254	Rev
18 Aniline	93	3.751	3.731	(0.932)	650266	30.0000	37.265(A)	Rev
19 bis(2-Chloroethyl)ether	63	3.777	3.758	(0.939)	303985	30.0000	33.000(AQ)	Rev
21 2-Chlorophenol	128	3.863	3.849	(0.960)	347776	30.0000	34.481(A)	Rev
22 1,3-Dichlorobenzene	146	3.980	3.972	(0.989)	337211	30.0000	32.658(A)	Rev
24 1,4-Dichlorobenzene	146	4.039	4.036	(1.004)	369567	30.0000	32.981(A)	Rev
27 1,2-Dichlorobenzene	146	4.183	4.175	(1.040)	346701	30.0000	34.169(A)	Rev
25 Benzyl Alcohol	108	4.157	4.142	(1.033)	229542	30.0000	33.294(A)	Rev
29 bis(2-Chloroisopropyl)ether	45	4.242	4.239	(1.054)	652612	30.0000	32.894(A)	Rev
28 2-Methylphenol	108	4.253	4.244	(1.057)	316895	30.0000	33.724(A)	Rev
30 3-(and/or 4-)Methylphenol	108	4.397	4.388	(1.093)	337424	30.0000	34.504(A)	Rev
33 N-Nitroso-di-n-propylamine	70	4.386	4.367	(1.090)	308573	30.0000	33.946	Rev
37 Hexachloroethane	117	4.493	4.490	(1.117)	148401	30.0000	33.275(A)	Rev
39 Nitrobenzene	77	4.563	4.548	(0.872)	436347	30.0000	32.423(A)	Rev
41 Isophorone	82	4.787	4.767	(0.915)	638007	30.0000	32.580(A)	Rev
43 2-Nitrophenol	139	4.856	4.848	(0.928)	173819	30.0000	32.927(A)	Rev
42 2,4-Dimethyphenol	107	4.894	4.885	(0.936)	387031	30.0000	33.284(A)	Rev
45 Benzoic Acid	122	5.059	5.008	(0.967)	149686	30.0000	29.926	Rev

11/13-7

Data File: \\aussvr02\INS_DATA\MSN1_i\N110807.B\N110810.D Page 2
Report Date: 13-Nov-2007 16:10

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	ON-COL (ug/mL)	REVIEW CODE
46	Bis(2-chloroethoxy)methane	93	4.963	4.954	(0.949)	387701	30.0000	32.695(A)	Rev
47	2,4-Dichlorophenol	162	5.107	5.099	(0.977)	257545	30.0000	34.244(A)	Rev
49	1,2,4-Trichlorobenzene	180	5.166	5.158	(0.988)	287235	30.0000	33.784(A)	Rev
51	Naphthalene	128	5.257	5.249	(1.005)	1022143	30.0000	33.340(A)	Rev
52	4-Chloroaniline	127	5.305	5.292	(1.014)	372943	30.0000	33.394(A)	Rev
55	Hexachlorobutadiene	225	5.348	5.345	(1.022)	186968	30.0000	33.920(A)	Rev
63	4-Chloro-3-Methylphenol	107	5.791	5.783	(1.107)	351253	30.0000	34.897(A)	Rev
67	2-Methylnaphthalene	142	5.935	5.927	(1.135)	665033	30.0000	34.239(A)	Rev
68	1-Methylnaphthalene	142	6.037	6.029	(1.154)	667451	30.0000	34.069	Rev
69	Hexachlorocyclopentadiene	237	6.074	6.071	(0.869)	170397	30.0000	30.793(A)	Rev
72	2,4,6-Trichlorophenol	196	6.224	6.216	(0.890)	190203	30.0000	33.942(A)	Rev
74	2,4,5-Trichlorphenol	196	6.277	6.269	(0.898)	226557	30.0000	31.233(A)	Rev
78	2-Chloronaphthalene	127	6.432	6.419	(0.920)	298728	30.0000	33.783(A)	Rev
80	2-Nitroaniline	65	6.539	6.526	(0.935)	259628	30.0000	32.364(A)	REV
82	1,4-Dinitrobenzene	168	6.673	6.659	(0.954)	115266	30.0000	33.386	Rev
83	Dimethylphthalate	163	6.710	6.691	(0.960)	738409	30.0000	32.846(A)	Rev
85	2,6-Dinitrotoluene	165	6.780	6.761	(0.969)	173658	30.0000	32.815(A)	Rev
84	1,3-Dinitrobenzene	168	6.763	6.739	(0.967)	120932	30.0000	31.957(A)	Rev
86	Acenaphthylene	152	6.860	6.846	(0.981)	1137046	30.0000	35.690(A)	REV
89	3-Nitroaniline	138	6.966	6.948	(0.996)	165151	30.0000	32.348(AQ)	REV
92	Acenaphthene	153	7.031	7.017	(1.005)	693072	30.0000	34.462(A)	Rev
93	2,4-Dinitrophenol	184	7.057	7.044	(1.009)	95808	30.0000	30.702(A)	REV
94	4-Nitrophenol	109	7.170	7.156	(1.025)	146342	30.0000	31.094(A)	REV
96	2,4-Dinitrotoluene	165	7.186	7.167	(1.027)	265542	30.0000	35.474(A)	Rev
97	Dibenzofuran	168	7.207	7.193	(1.031)	984926	30.0000	34.955	Rev
99	2,3,5,6-Tetrachlorophenol	232	7.287	7.273	(1.042)	169940	30.0000	31.162	Rev
101	2,3,4,6-tetrachlorophenol	232	7.330	7.322	(1.048)	183951	30.0000	30.712(A)	Rev
103	Diethylphthalate	149	7.415	7.391	(1.060)	803730	30.0000	33.164(A)	Rev
105	4-Chlorophenyl-phenylether	204	7.533	7.525	(1.077)	452423	30.0000	36.129(A)	Rev
107	Fluorene	166	7.554	7.541	(1.080)	841980	30.0000	35.658(A)	Rev
109	4,6-Dinitro-2-methylphenol	198	7.608	7.583	(0.894)	156988	30.0000	31.439(A)	Rev
108	4-Nitroaniline	138	7.613	7.578	(1.089)	182020	30.0000	34.012(A)	Rev
110	N-Nitrosodiphenylamine/DPA	169	7.666	7.647	(1.096)	700310	30.0000	35.284(A)	Rev
111	Azobenzene	77	7.698	7.685	(0.905)	1001112	30.0000	33.124(A)	Rev
122	4-Bromophenyl-phenylether	248	8.035	8.021	(0.945)	237756	30.0000	35.652(A)	Rev
123	Hexachlorobenzene	284	8.104	8.096	(0.953)	226988	30.0000	34.681(A)	Rev
127	Pentachlorophenol	266	8.313	8.310	(0.977)	101036	30.0000	30.422(A)	Rev
133	Phenanthrene	178	8.537	8.523	(1.004)	1230734	30.0000	34.653(A)	Rev
134	Anthracene	178	8.591	8.577	(1.010)	1197368	30.0000	35.120(A)	Rev
135	Carbazole	167	8.751	8.737	(1.029)	1060838	30.0000	34.553(A)	Rev
137	Di-n-Butylphthalate	149	9.045	9.036	(1.063)	1553650	30.0000	30.601(A)	Rev
142	Fluoranthene	202	9.744	9.731	(1.146)	1323716	30.0000	35.395(A)	Rev
144	Benzidine	184	9.867	9.854	(0.869)	695268	30.0000	30.572	Rev
145	Pyrene	202	9.990	9.977	(0.880)	1363261	30.0000	32.243(A)	Rev
152	Butylbenzylphthalate	149	10.631	10.618	(0.936)	684043	30.0000	30.022(A)	Rev
158	3,3'-Dichlorobenzidine	252	11.299	11.269	(0.995)	494793	30.0000	30.005(A)	Rev
159	Benzo(a)anthracene	228	11.336	11.317	(0.999)	1347056	30.0000	31.745(A)	Rev
156	bis(2-Ethylhexyl)phthalate	149	11.278	11.264	(0.993)	1118444	30.0000	29.940	Rev
161	Chrysene	228	11.390	11.371	(1.003)	1276070	30.0000	32.900(A)	Rev
162	Di-n-octylphthalate	149	12.074	12.060	(0.921)	1671285	30.0000	31.279(A)	Rev
166	Benzo(b)fluoranthene	252	12.656	12.626	(0.965)	1369210	30.0000	40.064(A)	Rev
167	Benzo(k)fluoranthene	252	12.688	12.658	(0.967)	1238013	30.0000	32.822(AH)	REV
168	Benzo(a)pyrene	252	13.057	13.032	(0.996)	1116882	30.0000	35.201(A)	Rev
173	Indeno(1,2,3-cd)pyrene	276	14.713	14.646	(1.122)	1205301	30.0000	33.687(A)	Rev

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)	REVIEW CODE
174 Dibenz(a,h)anthracene	278	14.713	14.662	(1.122)	1068258	30.0000	29.984	Rev
176 Benzo(g,h,i)perylene	276	15.145	15.094	(1.155)	877032	30.0000	31.023(A)	Rev

QC Flag Legend

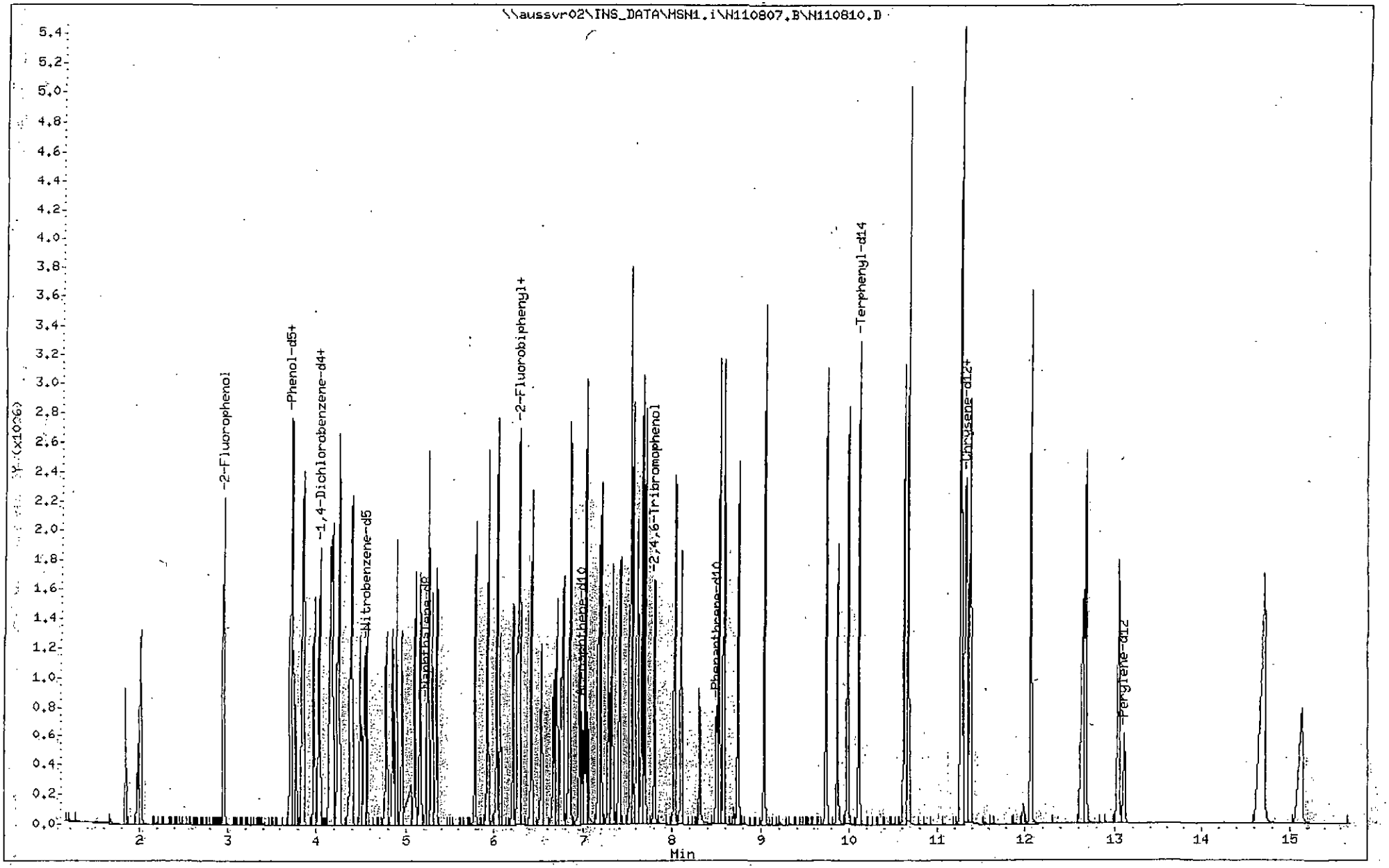
A - Target compound detected but, quantitated amount exceeded maximum amount.
Q - Qualifier signal failed the ratio test.
H - Operator selected an alternate compound hit.

Data File: \\aussvr02\INS_DATA\MSN1.i\N110807.B\N110810.D
Date : 08-NOV-2007 15:55
Client ID: HSL_30
Sample Info: Icalib_8;HSL_30;;1;8;3;;;; SMBPHSLL8_00002

Column phase: DB5.625

Instrument: MSN1.i

Operator: MALLOYM
Column diameter: 0.18



Data File: \\AUSSVR02\INS_DATA\MSN1.i\N110807.B\N110811.D Page 1
Report Date: 09-Nov-2007 13:17

STL Austin

Method 8270C Semivolatiles

Data file : \\AUSSVR02\INS_DATA\MSN1.i\N110807.B\N110811.D
Lab Smp Id: Icalib_2 Client Smp ID: AP9_1
Inj Date : 08-NOV-2007 16:17
Operator : MALLOYM Inst ID: MSN1.i
Smp Info : Icalib_2;AP9_1;;1;2;3;;;; SMBPAP9L2_00001
Misc Info : ;3-AP9.sub; IS-SMINTSTDW_00003 (20 uL/1mL)
Comment : SOP NO. : AUS-MS-0005
Method : \\AUSSVR02\INS_DATA\MSN1.i\N110807.B\N1108BP.m
Meth Date : 09-Nov-2007 13:17 MSN1.i Quant Type: ISTD
Cal Date : 08-NOV-2007 17:20 Cal File: N110814.D
Als bottle: 11 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 3-AP9.sub
Target Version: 4.14
Processing Host: AUS21324

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	ON-COL (ug/mL)	REVIEW CODE
* 23 1,4-Dichlorobenzene-d4	152	4.017	4.020	(1.000)	63593	10.0000		REV
* 50 Naphthalene-d8	136	5.225	5.222	(1.000)	264998	10.0000		REV
* 91 Acenaphthene-d10	164	6.977	6.980	(1.000)	171215	10.0000		REV
* 132 Phenanthrene-d10	188	8.494	8.497	(1.000)	327333	10.0000		REV
* 160 Chrysene-d12	240	11.325	11.328	(1.000)	324195	10.0000		REV
* 169 Perylene-d12	264	13.094	13.096	(1.000)	273100	10.0000		REV
1 2-Ethoxyethanol	59	1.758	1.760	(0.438)	5111	1.00000	0.79401	REV
2 1,4-Dioxane	88	1.763	1.760	(0.439)	3402	1.00000	0.82320	REV
6 N,N-Dimethylformamide	73	2.238	2.236	(0.557)	5983	1.00000	0.90261	REV
7 Propyl cellosolve	43	2.409	2.417	(0.600)	12607	1.00000	0.94236	REV
8 2-Picoline	93	2.516	2.513	(0.626)	9421	1.00000	0.89484	REV
9 N-Nitrosomethylethylamine	88	2.575	2.578	(0.641)	3952	1.00000	0.89423	REV
10 Acrylamide	71	2.783	2.818	(0.693)	3413	1.00000	0.85313	REV
11 Methyl methanesulfonate	80	2.794	2.797	(0.696)	5619	1.00000	0.93413	REV
13 N-Nitrosodiethylamine	102	3.098	3.106	(0.771)	4264	1.00000	0.88713	REV
14 Ethyl methanesulfonate	79	3.328	3.336	(0.828)	7462	1.00000	0.92137	REV
17 Benzaldehyde	106	3.643	3.641	(0.907)	2160	1.00000	0.94526	REV
20 Pentachloroethane	117	3.777	3.774	(0.940)	2993	1.00000	0.86733	REV
26 1-Methyl-2-pyrrolidone	99	4.129	4.137	(1.028)	5300	1.00000	0.89453	REV
34 Acetophenone	105	4.375	4.383	(1.089)	13420	1.00000	0.86771	REV
31 N-Nitrosopyrrolidine	100	4.354	4.367	(1.084)	4302	1.00000	1.1972	REV
35 N-Nitrosomorpholine	56	4.386	4.399	(1.092)	7834	1.00000	0.89283	REV
36 o-Toluidine	106	4.413	4.421	(1.098)	13893	1.00000	1.1633	REV
40 N-Nitrosopiperidine	114	4.685	4.688	(0.897)	4003	1.00000	0.85291	REV
44 o,o,o-Triethylphosphorothioat	198	4.909	4.912	(0.940)	4709	1.00000	0.84327	REV
48 a,a-Dimethylphenethylamine	58	5.070	5.126	(0.970)	13539	1.00000	0.65918(H)	REV
53 2,6-Dichlorophenol	162	5.299	5.307	(1.014)	6434	1.00000	0.89506	REV
54 Hexachloropropene	213	5.321	5.323	(1.018)	5235	1.00000	1.2326	REV
57 N-Nitroso-di-n-butylamine	84	5.588	5.596	(1.070)	8494	1.00000	0.94577	REV
60 *Caprolactum*	113	5.604	5.633	(1.073)	2673	1.00000	0.84703(Q)	REV
61 p-Phenylenediamine	108	5.647	5.644	(1.081)	3073	1.00000	1.0750	REV
65 Safrole	162	5.818	5.820	(1.113)	6942	1.00000	0.83950	REV
70 1,2,4,5-Tetrachlorobenzene	216	6.085	6.087	(0.872)	8133	1.00000	0.83859	REV

11-14-7

Data File: \\AUSSVR02\INS_DATA\MSN1.i\N110807.B\N110811.D Page 2
Report Date: 09-Nov-2007 13:17

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)	REVIEW CODE
71	Isosafrole #1	162	6.106	6.109	(0.875)	964	1.00000		REV
76	Isosafrole #2	162	6.336	6.344	(0.908)	6898	1.00000		REV
77	Biphenyl	154	6.384	6.387	(0.915)	22916	1.00000	0.84548	REV
79	Diphenyl ether	170	6.485	6.488	(0.930)	12723	1.00000	0.85632	REV
81	1,4-Naphthoquinone	158	6.592	6.595	(0.945)	3927	1.00000	1.0446	REV
90	Dimethyl terephthalate	163	6.945	6.953	(0.995)	18094	1.00000	0.87363	REV
95	Pentachlorobenzene	250	7.137	7.140	(1.023)	7259	1.00000	0.83670	REV
100	1-Naphthylamine	143	7.265	7.273	(1.041)	15264	1.00000	0.82665	REV
102	2-Naphthylamine	143	7.345	7.353	(1.053)	14844	1.00000	0.89188	REV
104	Thionazin	97	7.468	7.471	(1.070)	4683	1.00000	0.80076	REV
106	5-Nitro-o-toluidine	152	7.543	7.551	(1.081)	4431	1.00000	0.70013	REV
112	Sulfotepp	97	7.767	7.770	(0.914)	4064	1.00000	0.77981	REV
116	Atrazine	200	8.163	8.176	(2.032)	6344	1.00000	1.1108	REV
117	1,3,5-Trinitrobenzene	213	7.896	7.904	(0.930)	1190	1.00000	1.3522(Q)	REV
118	Diallate #1	234	7.912	7.920	(0.931)	3153	1.00000	(Q)	REV
119	Phenacetin	108	7.938	7.957	(0.935)	10578	1.00000	0.72500	REV
120	Phorate	75	7.928	7.936	(0.933)	14644	1.00000	0.82115	REV
121	Dialate #2	234	8.008	8.016	(0.943)	996	1.00000		REV
124	Dimethoate	87	8.109	8.128	(0.955)	7625	1.00000	0.99712	REV
126	4-Aminobiphenyl	169	8.286	8.294	(0.975)	17825	1.00000	0.86698	REV
129	Pronamide	173	8.323	8.331	(0.980)	9406	1.00000	1.3963	REV
128	Pentachloronitrobenzene	295	8.296	8.299	(0.977)	947	1.00000	1.6257(Q)	REV
130	Dinoseb	211	8.451	8.459	(0.995)	1325	1.00000	1.7662	REV
131	Disulfoton	88	8.457	8.465	(0.996)	10916	1.00000	1.2573	REV
136	Methyl parathion	109	8.847	8.849	(1.042)	5673	1.00000	0.85217	REV
138	Parathion	109	9.231	9.239	(1.087)	3466	1.00000	1.2874	REV
139	4-Nitroquinoline-1-oxide	190	9.301	9.303	(1.095)	187	1.00000	1.6070(Q)	REV
140	Methapyrilene	58	9.343	9.346	(1.100)	4119	1.00000	0.97595	REV
141	Isodrin	193	9.568	9.576	(1.126)	3216	1.00000	0.74227	REV
146	Aramite #1	185	10.049	10.051	(0.887)	1710	1.00000		REV
148	Aramite #2	185	10.129	10.137	(0.894)	2006	1.00000		REV
149	4-Dimethylaminoazobenzene	120	10.246	10.249	(0.905)	9705	1.00000	1.1789	REV
150	Chlorobenzilate	251	10.284	10.292	(0.908)	10491	1.00000	1.2267	REV
151	Famphur	218	10.561	10.564	(0.933)	11772	1.00000	2.4298	REV
154	Kepone	272	10.706	10.708	(0.945)	995	1.00000	1.0896	REV
153	3,3'-Dimethylbenzidine	212	10.620	10.623	(0.938)	10236	1.00000	1.0579	REV
155	2-Acetylaminofluorene	181	10.914	10.933	(0.964)	11457	1.00000	1.1805	REV
165	7,12-Dimethylbenz(a)anthracen	256	12.586	12.599	(0.961)	14322	1.00000	1.2056	REV
170	3-MethylCholanthrene	268	13.446	13.470	(1.027)	14308	1.00000	1.1933	REV
157	4,4-Methylenebis(2-chloroa	266	11.256	11.264	(0.994)	2439	1.00000	0.77505	REV
172	Dibenz(a,j)acridine	279	14.306	14.330	(1.093)	20885	1.00000	0.81707	REV
M 181	Diallate (total)	86				4149	1.00000		
M 182	Aramite (total)	185				3716	1.00000		
M 180	Isosafrol (cis + trans)	100				7862	1.00000		

QC Flag Legend

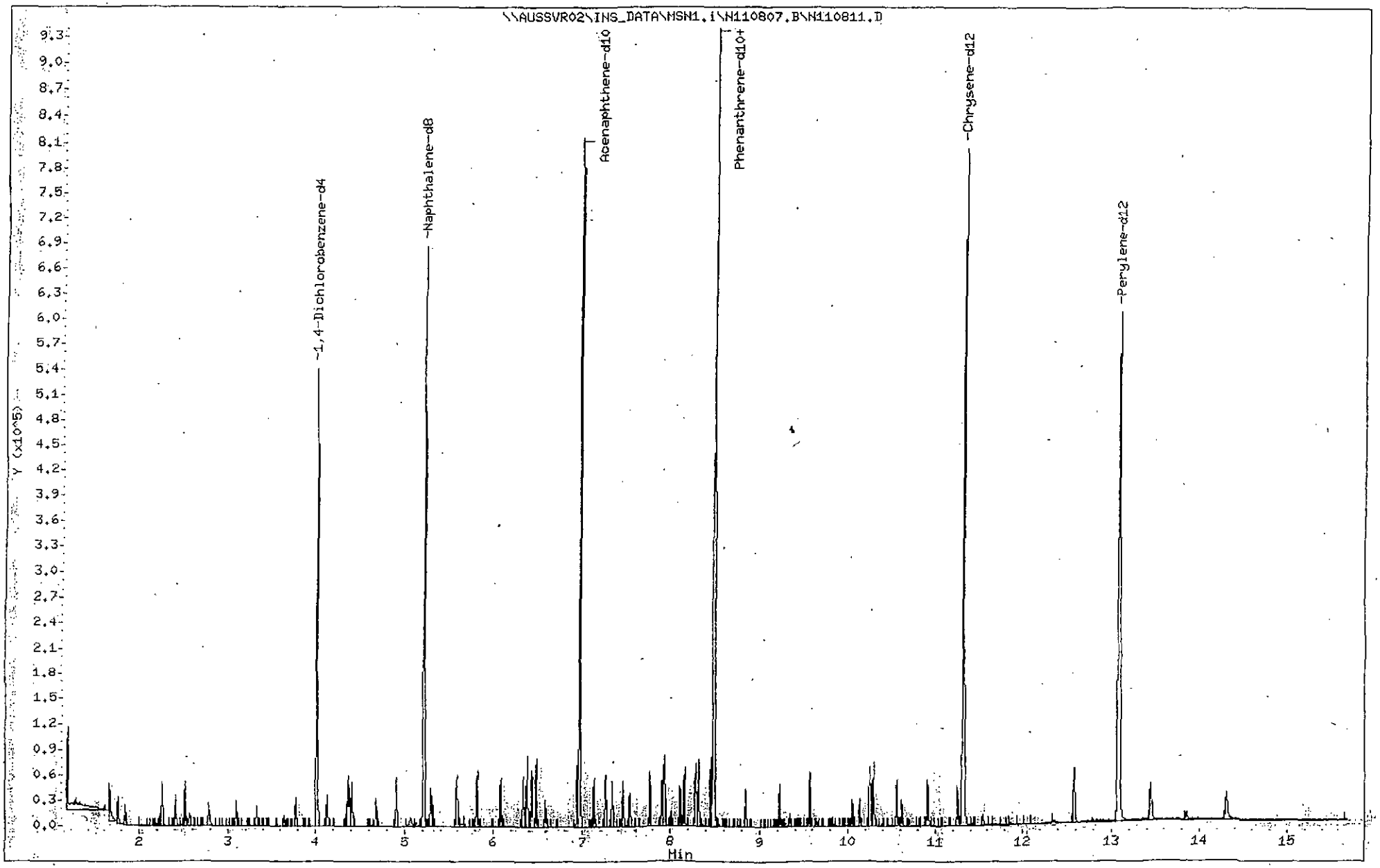
Q - Qualifier signal failed the ratio test.
H - Operator selected an alternate compound hit.

Data File: \\AUSSVR02\INS_DATA\MSN1.i\N110807.B\N110811.D
Date : 08-NOV-2007 16:17
Client ID: AP9_1
Sample Info: Icalib_2;AP9_1;;1;2;3;;;; SMBPAP9L2_00001

Column phase: DB5.625

Instrument: MSN1.i

Operator: MALLOYM
Column diameter: 0.18



Data File: \\AUSSVR02\INS_DATA\MSN1.i\N110807.B\N110812.D Page 1
Report Date: 09-Nov-2007 13:17

STL Austin

Method 8270C Semivolatiles

Data file : \\AUSSVR02\INS_DATA\MSN1.i\N110807.B\N110812.D
Lab Smp Id: Icalib_3 Client Smp ID: AP9_2
Inj Date : 08-NOV-2007 16:38
Operator : MALLOYM Inst ID: MSN1.i
Smp Info : Icalib_3;AP9_2;;1;3;3;;;; SMBPAP9L3_00001
Misc Info : ;3-AP9.sub; IS-SMINTSTDW_00003 (20 uL/1mL)
Comment : SOP NO. : AUS-MS-0005
Method : \\AUSSVR02\INS_DATA\MSN1.i\N110807.B\N1108BP.m
Meth Date : 09-Nov-2007 13:17 MSN1.i Quant Type: ISTD
Cal Date : 08-NOV-2007 16:17 Cal File: N110811.D
Als bottle: 12 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 3-AP9.sub
Target Version: 4.14
Processing Host: AUS21324

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	ON-COL (ug/mL)	REVIEW CODE
* 23 1,4-Dichlorobenzene-d4	152	4.018	4.020	(1.000)	61838	10.0000		REV
* 50 Naphthalene-d8	136	5.225	5.222	(1.000)	256628	10.0000		REV
* 91 Acenaphthene-d10	164	6.977	6.980	(1.000)	160245	10.0000		REV
* 132 Phenanthrene-d10	188	8.494	8.497	(1.000)	315266	10.0000		REV
* 160 Chrysene-d12	240	11.326	11.328	(1.000)	315363	10.0000		REV
* 189 Perylene-d12	264	13.094	13.096	(1.000)	268947	10.0000		REV
1 2-Ethoxyethanol	59	1.753	1.760	(0.436)	10451	2.00000	1.6697	REV
2 1,4-Dioxane	88	1.758	1.760	(0.438)	7186	2.00000	1.7882	REV
6 N,N-Dimethylformamide	73	2.239	2.236	(0.557)	11193	2.00000	1.7365	REV
7 Propyl cellosolve	43	2.410	2.417	(0.600)	23494	2.00000	1.8060	REV
8 2-Picoline	93	2.516	2.513	(0.626)	18196	2.00000	1.7774	REV
9 N-Nitrosomethylethylamine	88	2.575	2.578	(0.641)	8386	2.00000	1.9514	REV
10 Acrylamide	71	2.789	2.818	(0.694)	7064	2.00000	1.8159(Q)	REV
11 Methyl methanesulfonate	80	2.794	2.797	(0.696)	10656	2.00000	1.8218	REV
13 N-Nitrosodiethylamine	102	3.099	3.106	(0.771)	8383	2.00000	1.7936	REV
14 Ethyl methanesulfonate	79	3.328	3.336	(0.828)	14795	2.00000	1.8786	REV
17 Benzaldehyde	106	3.638	3.641	(0.906)	4117	2.00000	1.8528	REV
20 Pentachloroethane	117	3.772	3.774	(0.939)	5998	2.00000	1.7875	REV
26 1-Methyl-2-pyrrolidone	99	4.130	4.137	(1.028)	10333	2.00000	1.7935	REV
34 Acetophenone	105	4.376	4.383	(1.089)	26776	2.00000	1.7804	REV
31 N-Nitrosopyrrolidine	100	4.354	4.367	(1.084)	8158	2.00000	1.9334	REV
35 N-Nitrosomorpholine	56	4.386	4.399	(1.092)	15356	2.00000	1.7998	REV
36 o-Toluidine	106	4.413	4.421	(1.098)	27323	2.00000	1.9605	REV
40 N-Nitrosopiperidine	114	4.685	4.688	(0.897)	8205	2.00000	1.8052	REV
44 o,o,o-Triethylphosphorothioat	198	4.910	4.912	(0.940)	9116	2.00000	1.6857	REV
48 a,a-Dimethylphenethylamine	58	5.081	5.126	(0.972)	34630	2.00000	1.7410(H)	REV
53 2,6-Dichlorophenol	162	5.300	5.307	(1.014)	12344	2.00000	1.7732	REV
54 Hexachloropropene	213	5.321	5.323	(1.018)	10330	2.00000	1.9015	REV
57 N-Nitroso-di-n-butylamine	84	5.588	5.596	(1.070)	17256	2.00000	1.9840	REV
60 Caprolactum	113	5.604	5.633	(1.073)	5475	2.00000	1.7915(Q)	REV
61 p-Phenylenediamine	108	5.631	5.644	(1.078)	8843	2.00000	1.8819	REV
65 Safrole	162	5.818	5.820	(1.113)	13608	2.00000	1.6993	REV
70 1,2,4,5-Tetrachlorobenzene	216	6.085	6.087	(0.872)	15859	2.00000	1.7472	REV

11-14-7

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)	REVIEW CODE
71 Isosafrole #1	162	6.112	6.109	(0.876)	2054	2.00000		REV
76 Isosafrole #2	162	6.336	6.344	(0.908)	13602	2.00000		REV
77 Biphenyl	154	6.384	6.387	(0.915)	44144	2.00000	1.7402	REV
79 Diphenyl ether	170	6.486	6.488	(0.930)	24094	2.00000	1.7327	REV
81 1,4-Naphthoquinone	158	6.593	6.595	(0.945)	8861	2.00000	1.8837	REV
90 Dimethyl terephthalate	163	6.945	6.953	(0.995)	33587	2.00000	1.7327	REV
95 Pentachlorobenzene	250	7.137	7.140	(1.023)	14097	2.00000	1.7361	REV
100 1-Naphthylamine	143	7.266	7.273	(1.041)	29990	2.00000	1.7354	REV
102 2-Naphthylamine	143	7.346	7.353	(1.053)	29497	2.00000	1.8936	REV
104 Thionazin	97	7.463	7.471	(1.070)	9585	2.00000	1.7512	REV
106 5-Nitro-o-toluidine	152	7.543	7.551	(1.081)	9331	2.00000	1.5753	REV
112 Sulfotepp	97	7.768	7.770	(0.914)	7995	2.00000	1.5928	REV
116 Atrazine	200	8.163	8.176	(2.032)	12165	2.00000	2.1905	REV
117 1,3,5-Trinitrobenzene	213	7.896	7.904	(0.930)	2883	2.00000	1.8544	REV
118 Diallate #1	234	7.917	7.920	(0.932)	6477	2.00000		REV
119 Phenacetin	108	7.939	7.957	(0.935)	22216	2.00000	1.5809	REV
120 Phorate	75	7.928	7.936	(0.933)	29292	2.00000	1.7054	REV
121 Dialate #2	234	8.008	8.016	(0.943)	1953	2.00000		REV
124 Dimethoate	87	8.115	8.128	(0.955)	14975	2.00000	2.0332	REV
126 4-Aminobiphenyl	169	8.286	8.294	(0.975)	35480	2.00000	1.7917	REV
129 Pronamide	173	8.323	8.331	(0.980)	18955	2.00000	2.1424	REV
128 Pentachloronitrobenzene	295	8.297	8.299	(0.977)	2036	2.00000	2.3397	REV
130 Dinoseb	211	8.452	8.459	(0.995)	3383	2.00000	2.1868	REV
131 Disulfoton	88	8.457	8.465	(0.996)	21021	2.00000	1.9044	REV
136 Methyl parathion	109	8.847	8.849	(1.042)	12292	2.00000	1.9171	REV
138 Parathion	109	9.232	9.239	(1.087)	8263	2.00000	2.0506	REV
139 4-Nitroquinoline-1-oxide	190	9.296	9.303	(1.094)	560	2.00000	1.8971(Q)	REV
140 Methapyrilene	58	9.344	9.346	(1.100)	8760	2.00000	2.1550	REV
141 Isodrin	193	9.568	9.576	(1.126)	6807	2.00000	1.6312	REV
146 Aramite #1	185	10.049	10.051	(0.887)	3215	2.00000		REV
148 Aramite #2	185	10.129	10.137	(0.894)	4223	2.00000		REV
149 4-Dimethylaminoazobenzene	120	10.241	10.249	(0.904)	19726	2.00000	1.9075	REV
150 Chlorobenzilate	251	10.284	10.292	(0.908)	21165	2.00000	1.9446	REV
151 Famphur	218	10.562	10.564	(0.933)	20757	2.00000	4.4044	REV
154 Kepone	272	10.706	10.708	(0.945)	2508	2.00000	2.8232	REV
153 3,3'-Dimethylbenzidine	212	10.621	10.623	(0.938)	17441	2.00000	1.8531	REV
155 2-Acetylaminofluorene	181	10.920	10.933	(0.964)	24633	2.00000	1.8993	REV
165 7,12-Dimethylbenz(a)anthracen	256	12.586	12.599	(0.961)	28955	2.00000	1.9086	REV
170 3-MethylCholanthrene	268	13.452	13.470	(1.027)	28459	2.00000	1.8998	REV
157 4,4-Methylenebis(2-chloroa	266	11.256	11.264	(0.994)	5209	2.00000	1.7016	REV
172 Dibenz(a,j)acridine	279	14.307	14.330	(1.093)	42066	2.00000	1.6711	REV
M 181 Diallate (total)	86				8430	2.00000		
M 182 Aramite (total)	185				7438	2.00000		
M 180 Isosafrol (cis + trans)	100				15656	2.00000		

QC Flag Legend

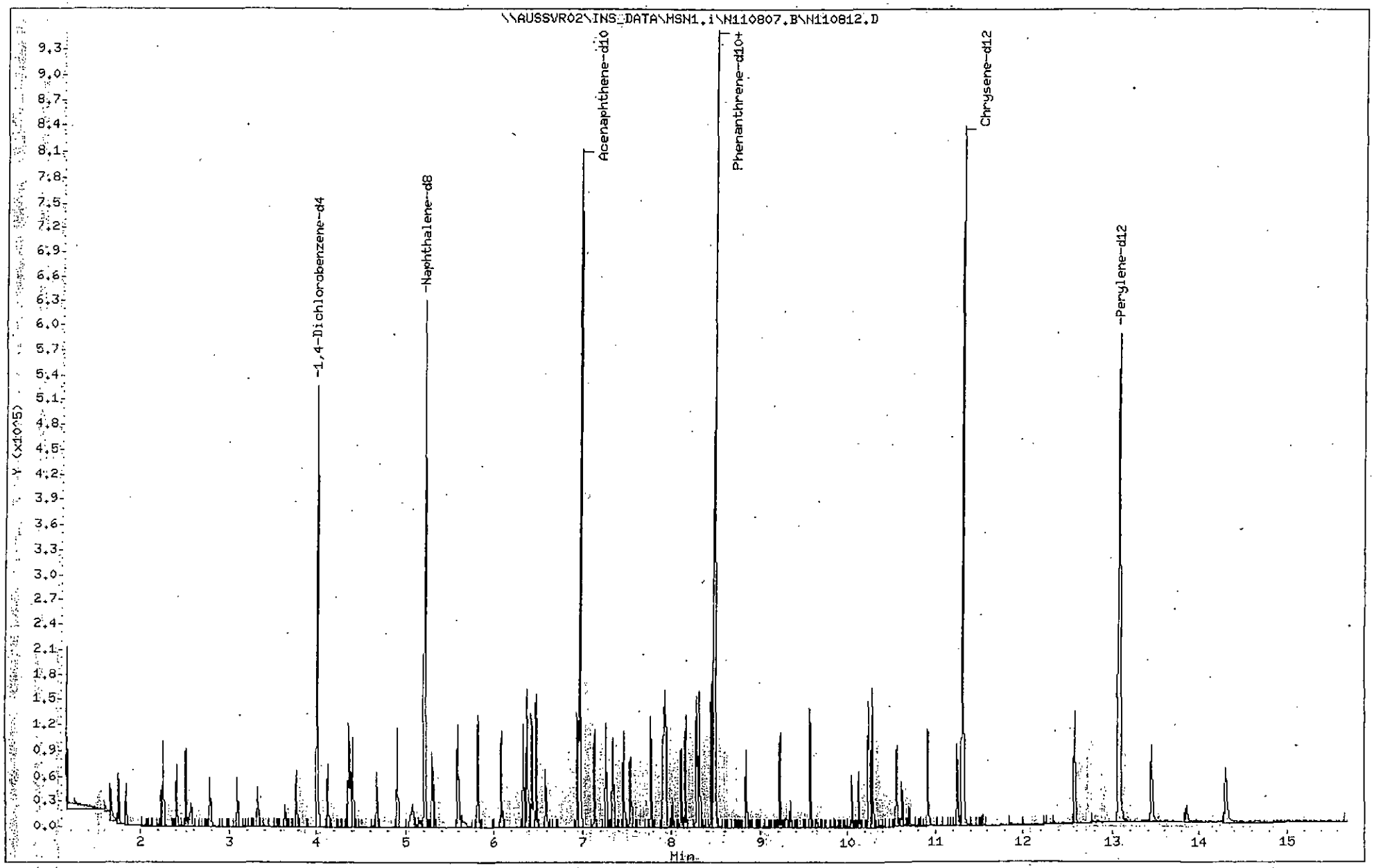
Q - Qualifier signal failed the ratio test.
H - Operator selected an alternate compound hit.

Data File: \\AUSSVR02\INS_DATA\MSN1.i\N110807.B\N110812.D
Date : 08-NOV-2007 16:38
Client ID: AP9_2
Sample Info: Icalib_3;AP9_2;;1;3;3;;;; SMBPAP9L3_00001

Column phase: DB5.625

Instrument: MSN1.i

Operator: MALLOYH
Column diameter: 0.18



Data File: \\AUSSVR02\INS_DATA\MSN1.i\N110807.B\N110813.D Page 1
Report Date: 09-Nov-2007 13:17

STL Austin

Method 8270C Semivolatiles

Data file : \\AUSSVR02\INS_DATA\MSN1.i\N110807.B\N110813.D
Lab Smp Id: Icalib_4 Client Smp ID: AP9_5
Inj Date : 08-NOV-2007 16:59
Operator : MALLOYM Inst ID: MSN1.i
Smp Info : Icalib_4;AP9_5;;1;4;3;;;; SMBPAP9L4_00001
Misc Info : ;3-AP9.sub; IS-SMINTSTDW_00003 (20 uL/1mL)
Comment : SOP NO. : AUS-MS-0005
Method : \\AUSSVR02\INS_DATA\MSN1.i\N110807.B\N1108BP.m
Meth Date : 09-Nov-2007 13:17 MSN1.i Quant Type: ISTD
Cal Date : 08-NOV-2007 16:38 Cal File: N110812.D
Als bottle: 13 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 3-AP9.sub
Target Version: 4.14
Processing Host: AUS21324

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	ON-COL (ug/mL)	REVIEW CODE
* 23 1,4-Dichlorobenzene-d4	152	4.016	4.020	(1.000)	65617	10.0000		REV
* 50 Naphthalene-d8	136	5.223	5.222	(1.000)	269334	10.0000		REV
* 91 Acenaphthene-d10	164	6.981	6.980	(1.000)	166408	10.0000		REV
* 132 Phenanthrene-d10	188	8.498	8.497	(1.000)	328434	10.0000		REV
* 160 Chrysene-d12	240	11.329	11.328	(1.000)	326553	10.0000		REV
* 169 Perylene-d12	264	13.092	13.096	(1.000)	280661	10.0000		REV
1 2-Ethoxyethanol	59	1.756	1.760	(0.437)	27722	5.00000	4.1739	REV
2 1,4-Dioxane	88	1.756	1.760	(0.437)	18656	5.00000	4.3750	REV
6 N,N-Dimethylformamide	73	2.232	2.236	(0.556)	31144	5.00000	4.5535	REV
7 Propyl cellosolve	43	2.413	2.417	(0.601)	62549	5.00000	4.5312	REV
8 2-Picoline	93	2.515	2.513	(0.626)	48646	5.00000	4.4780	REV
9 N-Nitrosomethylethylamine	88	2.574	2.578	(0.641)	20889	5.00000	4.5808	REV
10 Acrylamide	71	2.798	2.818	(0.697)	19031	5.00000	4.6103(Q)	REV
11 Methyl methanesulfonate	*80*	*2.793*	2.797	*(0.695)*	*28683*	*5.00000*	*4.6213*	REV
13 N-Nitrosodiethylamine	102	3.103	3.106	(0.773)	22653	5.00000	4.5676	REV
14 Ethyl methanesulfonate	79	3.332	3.336	(0.830)	38396	5.00000	4.5947	REV
17 Benzaldehyde	106	3.642	3.641	(0.907)	11018	5.00000	4.6730	REV
20 Pentachloroethane	117	3.770	3.774	(0.939)	16345	5.00000	4.5904	REV
26 1-Methyl-2-pyrrolidone	99	4.134	4.137	(1.029)	27368	5.00000	4.4767	REV
34 Acetophenone	105	4.374	4.383	(1.089)	71097	5.00000	4.4552	REV
31 N-Nitrosopyrrolidine	100	4.358	4.367	(1.085)	22266	5.00000	4.3086	REV
35 N-Nitrosomorpholine	56	4.390	4.399	(1.093)	40787	5.00000	4.5051	REV
36 o-Toluidine	106	4.411	4.421	(1.098)	72833	5.00000	4.3448	REV
40 N-Nitrosopiperidine	114	4.684	4.688	(0.897)	22103	5.00000	4.6336	REV
44 o,o,o-Triethylphosphorothioat	198	4.914	4.912	(0.941)	25218	5.00000	4.4432	REV
48 a,a-Dimethylphenethylamine	58	5.101	5.126	(0.976)	100669	5.00000	4.8224	REV
53 2,6-Dichlorophenol	162	5.304	5.307	(1.015)	33496	5.00000	4.5847	REV
54 Hexachloropropene	213	5.320	5.323	(1.018)	29927	5.00000	4.2138	REV
57 N-Nitroso-di-n-butylamine	84	5.592	5.596	(1.071)	43701	5.00000	4.7876	REV
60 Caprolactum	113	5.619	5.633	(1.076)	15575	5.00000	4.8560(Q)	REV
61 p-Phenylenediamine	108	5.635	5.644	(1.079)	28353	5.00000	4.3811	REV
65 Safrole	162	5.816	5.820	(1.114)	36828	5.00000	4.3819	REV
70 1,2,4,5-Tetrachlorobenzene	216	6.083	6.087	(0.871)	42406	5.00000	4.4988	REV

11-14-7

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)	REVIEW CODE
71 Isosafrole #1	162	6.110	6.109	(0.875)	5429	5.00000		REV
76 Isosafrole #2	162	6.340	6.344	(0.908)	37468	5.00000		REV
77 Biphenyl	154	6.383	6.387	(0.914)	118036	5.00000	4.4807	REV
79 Diphenyl ether	170	6.484	6.488	(0.929)	64946	5.00000	4.4975	REV
81 1,4-Naphthoquinone	158	6.591	6.595	(0.944)	27624	5.00000	4.7543	REV
90 Dimethyl terephthalate	163	6.949	6.953	(0.995)	90418	5.00000	4.4918	REV
95 Pentachlorobenzene	250	7.141	7.140	(1.023)	37781	5.00000	4.4806	REV
100 1-Naphthylamine	143	7.269	7.273	(1.041)	82943	5.00000	4.6217	REV
102 2-Naphthylamine	143	7.350	7.353	(1.053)	72583	5.00000	4.4870	REV
104 Thionazin	97	7.467	7.471	(1.070)	26632	5.00000	4.6855	REV
106 5-Nitro-o-toluidine	152	7.547	7.551	(1.081)	27237	5.00000	4.4280	REV
112 Sulfotepp	97	7.772	7.770	(0.915)	23011	5.00000	4.4006	REV
116 Atrazine	200	8.167	8.176	(2.033)	29391	5.00000	4.9876	REV
117 1,3,5-Trinitrobenzene	213	7.900	7.904	(0.930)	10686	5.00000	3.9867	REV
118 Diallate #1	234	7.916	7.920	(0.931)	17657	5.00000		REV
119 Phenacetin	108	7.948	7.957	(0.935)	65088	5.00000	4.4461	REV
120 Phorate	75	7.927	7.936	(0.933)	80245	5.00000	4.4846	REV
121 Dialate #2	234	8.012	8.016	(0.943)	5046	5.00000		REV
124 Dimethoate	87	8.119	8.128	(0.955)	41203	5.00000	5.3700	REV
126 4-Aminobiphenyl	169	8.290	8.294	(0.975)	91797	5.00000	4.4499	REV
129 Pronamide	173	8.327	8.331	(0.980)	52085	5.00000	4.4826	REV
128 Pentachloronitrobenzene	295	8.295	8.299	(0.976)	5679	5.00000	4.5093	REV
130 Dinoseb	211	8.455	8.459	(0.995)	14474	5.00000	4.2544	REV
131 Disulfoton	88	8.461	8.465	(0.996)	59733	5.00000	4.1408	REV
136 Methyl parathion	109	8.845	8.849	(1.041)	35388	5.00000	5.2980	REV
138 Parathion	109	9.230	9.239	(1.086)	25283	5.00000	4.5310	REV
139 4-Nitroquinoline-1-oxide	190	9.299	9.303	(1.094)	3393	5.00000	3.9567	REV
140 Methapyrilene	58	9.342	9.346	(1.099)	23560	5.00000	5.5636	REV
141 Isodrin	193	9.572	9.576	(1.126)	18851	5.00000	4.3363	REV
146 Aramite #1	185	10.053	10.051	(0.887)	9690	5.00000		REV
148 Aramite #2	185	10.133	10.137	(0.894)	12253	5.00000		REV
149 4-Dimethylaminoazobenzene	120	10.245	10.249	(0.904)	56134	5.00000	4.3504	REV
150 Chlorobenzilate	251	10.288	10.292	(0.908)	57625	5.00000	4.2034	REV
151 Famphur	218	10.560	10.564	(0.932)	41890	5.00000	8.5839	REV
154 Kepone	272	10.710	10.708	(0.945)	6450	5.00000	7.0119	REV
153 3,3'-Dimethylbenzidine	212	10.624	10.623	(0.938)	49064	5.00000	5.0344	REV
155 2-Acetylaminofluorene	181	10.923	10.933	(0.964)	73313	5.00000	4.3598	REV
165 7,12-Dimethylbenz(a)anthracen	256	12.590	12.599	(0.962)	82472	5.00000	4.2790	REV
170 3-MethylCholanthrene	268	13.456	13.470	(1.028)	81533	5.00000	4.3424	REV
157 4,4-Methylenebis(2-chloroa	266	11.260	11.264	(0.994)	14782	5.00000	4.6634	REV
172 Dibenz(a,j)acridine	279	14.316	14.330	(1.093)	117327	5.00000	4.4665	REV
M 181 Diallate (total)	86				22703	5.00000		
M 182 Aramite (total)	185				21943	5.00000		
M 180 Isosafrol (cis + trans)	100				42897	5.00000		

QC Flag Legend

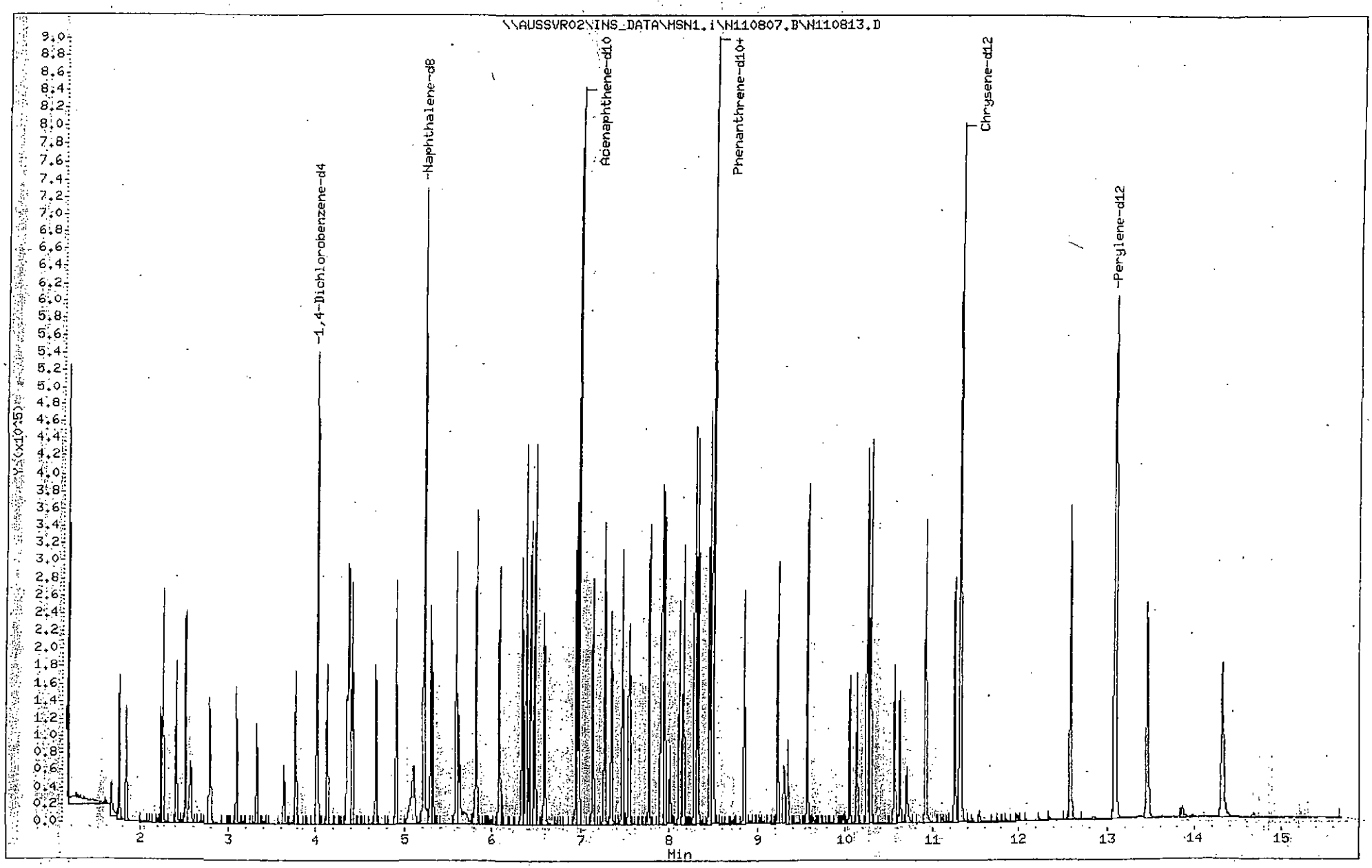
Q - Qualifier signal failed the ratio test.

Data File: \\AUSSVR02\INS_DATA\MSN1.i\N110807.B\N110813.D
Date : 08-NOV-2007 16:59
Client ID: AP9_5
Sample Info: Icalib_4;AP9_5;;1;4;3;;;; SMBPAP9L4_00001

Column phase: DB5.625

Instrument: MSN1.i

Operator: MALLOYM
Column diameter: 0.18



STL Austin

Method 8270C Semivolatiles

Data file : \\AUSSVR02\INS_DATA\MSN1.i\N110807.B\N110814.D
Lab Smp Id: Icalib_5 Client Smp ID: AP9_10
Inj Date : 08-NOV-2007 17:20
Operator : MALLOYM Inst ID: MSN1.i
Smp Info : Icalib_5;AP9_10;;1;5;3;;;; SMBPAP9L5_00001
Misc Info : ;3-AP9.sub; IS-SMINTSTDW_00003 (20 uL/1mL)
Comment : SOP NO. : AUS-MS-0005
Method : \\AUSSVR02\INS_DATA\MSN1.i\N110807.B\N1108BP.m
Meth Date : 09-Nov-2007 13:17 MSN1.i Quant Type: ISTD
Cal Date : 08-NOV-2007 16:59 Cal File: N110813.D
Als bottle: 14 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 3-AP9.sub
Target Version: 4.14
Processing Host: AUS21324

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	ON-COL (ug/mL)	REVIEW CODE
* 23	1,4-Dichlorobenzene-d4	152	4.020	4.020	(1.000)	60192	10.0000		REV
* 50	Naphthalene-d8	136	5.222	5.222	(1.000)	244324	10.0000		REV
* 91	Acenaphthene-d10	164	6.980	6.980	(1.000)	152003	10.0000		REV
* 132	Phenanthrene-d10	188	8.497	8.497	(1.000)	303117	10.0000		REV
* 160	Chrysene-d12	240	11.328	11.328	(1.000)	296604	10.0000		REV
* 169	Perylene-d12	264	13.096	13.096	(1.000)	258250	10.0000		REV
1	2-Ethoxyethanol	59	1.760	1.760	(0.438)	61228	10.0000	10.049	REV
2	1,4-Dioxane	88	1.760	1.760	(0.438)	41555	10.0000	10.623	REV
6	N,N-Dimethylformamide	73	2.236	2.236	(0.556)	65406	10.0000	10.425	REV
7	Propyl cellosolve	43	2.417	2.417	(0.601)	132964	10.0000	10.500	REV
8	2-Picoline	93	2.513	2.513	(0.625)	103884	10.0000	10.425	REV
9	N-Nitrosomethylethylamine	88	2.578	2.578	(0.641)	44119	10.0000	10.547	REV
10	Acrylamide	71	2.818	2.818	(0.701)	39957	10.0000	10.552(Q)	REV
11	Methyl methanesulfonate	80	2.797	2.797	(0.696)	59942	10.0000	10.528	REV
13	N-Nitrosodiethylamine	102	3.106	3.106	(0.773)	48033	10.0000	10.558	REV
14	Ethyl methanesulfonate	79	3.336	3.336	(0.830)	80055	10.0000	10.443	REV
17	Benzaldehyde	106	3.641	3.641	(0.906)	22967	10.0000	10.619	REV
20	Pentachloroethane	117	3.774	3.774	(0.939)	34708	10.0000	10.626	REV
26	1-Methyl-2-pyrrolidone	99	4.137	4.137	(1.029)	58111	10.0000	10.362	REV
34	Acetophenone	105	4.383	4.383	(1.090)	153149	10.0000	10.462	REV
31	N-Nitrosopyrrolidine	100	4.367	4.367	(1.086)	47576	10.0000	9.4744	REV
35	N-Nitrosomorpholine	56	4.399	4.399	(1.094)	85783	10.0000	10.329	REV
36	o-Toluidine	106	4.421	4.421	(1.100)	155757	10.0000	9.6183	REV
40	N-Nitrosopiperidine	114	4.688	4.688	(0.898)	45844	10.0000	10.594	REV
44	o,o,o-Triethylphosphorothioat	198	4.912	4.912	(0.941)	53943	10.0000	10.477	REV
48	a,a-Dimethylphenethylamine	58	5.126	5.126	(0.982)	216608	10.0000	11.438	REV
53	2,6-Dichlorophenol	162	5.307	5.307	(1.016)	69602	10.0000	10.502	REV
54	Hexachloropropene	213	5.323	5.323	(1.019)	66833	10.0000	9.5140	REV
57	N-Nitroso-di-n-butylamine	84	5.596	5.596	(1.072)	78777	10.0000	9.5136	REV
60	Caprolactum	113	5.633	5.633	(1.079)	33055	10.0000	11.361	REV
61	p-Phenylenediamine	108	5.644	5.644	(1.081)	69526	10.0000	10.709	REV
65	Safrole	162	5.820	5.820	(1.115)	79349	10.0000	10.408	REV
70	1,2,4,5-Tetrachlorobenzene	216	6.087	6.087	(0.872)	91551	10.0000	10.633	REV

mm 11-14-7

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)	REVIEW CODE
71 Isosafrole #1	162	6.109	6.109	(0.875)	11529	10.0000		REV
76 Isosafrole #2	162	6.344	6.344	(0.909)	79282	10.0000		REV
77 Biphenyl	154	6.387	6.387	(0.915)	253582	10.0000	10.538	REV
79 Diphenyl ether	170	6.488	6.488	(0.930)	139085	10.0000	10.544	REV
81 1,4-Naphthoquinone	158	6.595	6.595	(0.945)	61841	10.0000	10.999	REV
90 Dimethyl terephthalate	163	6.953	6.953	(0.996)	193484	10.0000	10.523	REV
95 Pentachlorobenzene	250	7.140	7.140	(1.023)	81502	10.0000	10.582	REV
100 1-Naphthylamine	143	7.273	7.273	(1.042)	174775	10.0000	10.662	REV
102 2-Naphthylamine	143	7.353	7.353	(1.054)	154356	10.0000	10.446	REV
104 Thionazin	97	7.471	7.471	(1.070)	57489	10.0000	11.073	REV
106 5-Nitro-o-toluidine	152	7.551	7.551	(1.082)	59082	10.0000	10.515	REV
112 Sulfotepp	97	7.770	7.770	(0.914)	49247	10.0000	10.204	REV
116 Atrazine	200	8.176	8.176	(2.034)	57191	10.0000	10.580	REV
117 1,3,5-Trinitrobenzene	213	7.904	7.904	(0.930)	26525	10.0000	8.9976	REV
118 Diallate #1	234	7.920	7.920	(0.932)	37760	10.0000		REV
119 Phenacetin	108	7.957	7.957	(0.937)	140962	10.0000	10.433	REV
120 Phorate	75	7.936	7.936	(0.934)	172336	10.0000	10.436	REV
121 Dialate #2	234	8.016	8.016	(0.943)	10374	10.0000		REV
124 Dimethoate	87	8.128	8.128	(0.957)	80090	10.0000	11.310	REV
126 4-Aminobiphenyl	169	8.294	8.294	(0.976)	201300	10.0000	10.573	REV
129 Pronamide	173	8.331	8.331	(0.981)	115510	10.0000	9.7706	REV
128 Pentachloronitrobenzene	295	8.299	8.299	(0.977)	12931	10.0000	9.5900	REV
130 Dinoseb	211	8.459	8.459	(0.996)	38750	10.0000	9.2241	REV
131 Disulfoton	88	8.465	8.465	(0.996)	135010	10.0000	9.2571	REV
136 Methyl parathion	109	8.849	8.849	(1.041)	70230	10.0000	11.392	REV
138 Parathion	109	9.239	9.239	(1.087)	54809	10.0000	9.6041	REV
139 4-Nitroquinoline-1-oxide	190	9.303	9.303	(1.095)	10281	10.0000	9.6355	REV
140 Methapyrilene	58	9.346	9.346	(1.100)	42525	10.0000	10.881	REV
141 Isodrin	193	9.576	9.576	(1.127)	40945	10.0000	10.205	REV
146 Aramite #1	185	10.051	10.051	(0.887)	21135	10.0000		REV
148 Aramite #2	185	10.137	10.137	(0.895)	25536	10.0000		REV
149 4-Dimethylaminoazobenzene	120	10.249	10.249	(0.905)	121039	10.0000	9.6268	REV
150 Chlorobenzilate	251	10.292	10.292	(0.909)	126242	10.0000	9.3502	REV
151 Famphur	218	10.564	10.564	(0.933)	44325	10.0000	10.000	REV
154 Kepone	272	10.708	10.708	(0.945)	8355	10.0000	10.000	REV
153 3,3'-Dimethylbenzidine	212	10.623	10.623	(0.938)	97625	10.0000	11.029	REV
155 2-Acetylaminofluorene	181	10.933	10.933	(0.965)	159536	10.0000	9.6267	REV
165 7,12-Dimethylbenz(a)anthracen	256	12.599	12.599	(0.962)	181394	10.0000	9.4803	REV
170 3-MethylCholanthrene	268	13.470	13.470	(1.029)	176140	10.0000	9.5208	REV
157 4,4-Methylenebis(2-chloroa	266	11.264	11.264	(0.994)	31267	10.0000	10.860	REV
172 Dibenz(a,j)acridine	279	14.330	14.330	(1.094)	256525	10.0000	10.613	REV
M 181 Diallate (total)	86				48134	10.0000		
M 182 Aramite (total)	185				46671	10.0000		
M 180 Isosafrol (cis + trans)	100				90811	10.0000		

QC Flag Legend

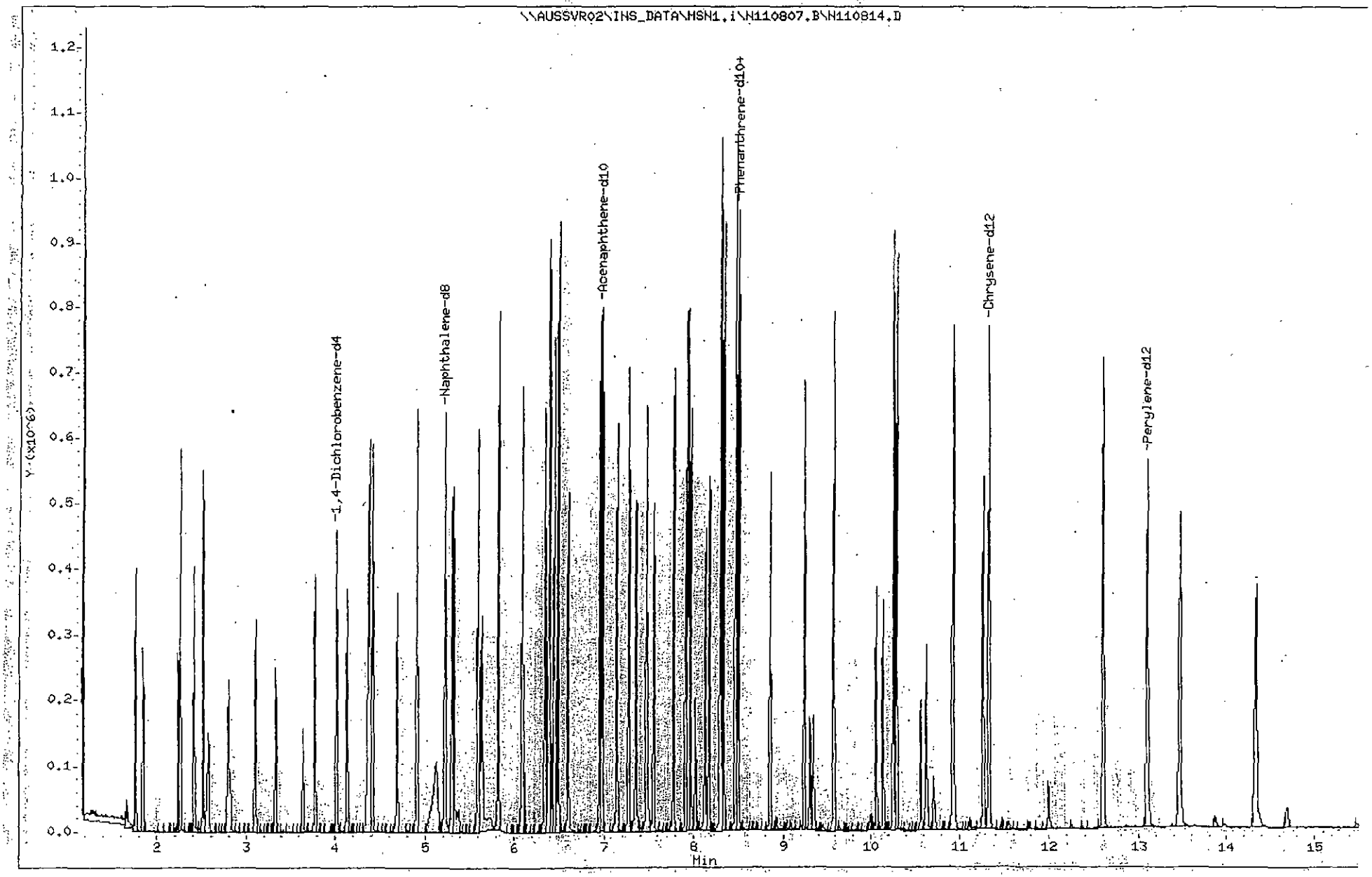
Q - Qualifier signal failed the ratio test.

Data File: \\AUSSVR02\INS_DATA\MSN1.i\N110807.B\N110814.D
Date : 08-NOV-2007 17:20
Client ID: AP9_10
Sample Info: Icalib_5;AP9_10;;1;5;3;;;; SMBPAP9L5_00001

Column phase: DB5.625

Instrument: MSN1.i

Operator: MALLOYH
Column diameter: 0.18



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Method 8270C Semivolatiles

Data file : \\AUSSVR02\INS_DATA\MSN1.i\N110807.B\N110815.D
Lab Smp Id: Icalib_6 Client Smp ID: AP9_15
Inj Date : 08-NOV-2007 17:41
Operator : MALLOYM Inst ID: MSN1.i
Smp Info : Icalib_6;AP9_15;;1;6;3;;;; SMBPAP9L6_00001
Misc Info : ;3-AP9.sub; IS-SMINTSTDW_00003 (20 uL/1mL)
Comment : SOP NO. : AUS-MS-0005
Method : \\AUSSVR02\INS_DATA\MSN1.i\N110807.B\N1108BP.m
Meth Date : 09-Nov-2007 13:17 MSN1.i Quant Type: ISTD
Cal Date : 08-NOV-2007 17:20 Cal File: N110814.D
Als bottle: 15 Calibration Sample, Level: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 3-AP9.sub
Target Version: 4.14
Processing Host: AUS21324

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	ON-COL (ug/mL)	REVIEW CODE
* 23	1,4-Dichlorobenzene-d4	152	4.020	4.020	(1.000)	59356	10.0000		REV
* 50	Naphthalene-d8	136	5.222	5.222	(1.000)	244160	10.0000		REV
* 91	Acenaphthene-d10	164	6.980	6.980	(1.000)	154912	10.0000		REV
* 132	Phenanthrene-d10	188	8.502	8.497	(1.000)	300910	10.0000		REV
* 160	Chrysene-d12	240	11.328	11.328	(1.000)	296019	10.0000		REV
* 169	Perylene-d12	264	13.096	13.096	(1.000)	255002	10.0000		REV
1	2-Ethoxyethanol	59	1.760	1.760	(0.438)	100902	15.0000	16.794	REV
2	1,4-Dioxane	88	1.760	1.760	(0.438)	63794	15.0000	16.538	REV
6	N,N-Dimethylformamide	73	2.241	2.236	(0.558)	104917	15.0000	16.958	REV
7	Propyl cellosolve	43	2.423	2.417	(0.603)	207082	15.0000	16.584	REV
8	2-Picoline	93	2.519	2.513	(0.627)	161562	15.0000	16.441	REV
9	N-Nitrosomethylethylamine	88	2.583	2.578	(0.643)	66884	15.0000	16.214	REV
10	Acrylamide	71	2.839	2.818	(0.706)	63638	15.0000	17.043	REV
11	Methyl methanesulfonate	80	2.802	2.797	(0.697)	91214	15.0000	16.246	REV
13	N-Nitrosodiethylamine	102	3.112	3.106	(0.774)	73845	15.0000	16.460	REV
14	Ethyl methanesulfonate	79	3.342	3.336	(0.831)	122931	15.0000	16.262	REV
17	Benzaldehyde	106	3.641	3.641	(0.906)	34516	15.0000	16.183	REV
20	Pentachloroethane	117	3.774	3.774	(0.939)	52825	15.0000	16.401	REV
26	1-Methyl-2-pyrrolidone	99	4.138	4.137	(1.029)	94768	15.0000	17.137	REV
34	Acetophenone	105	4.383	4.383	(1.090)	238948	15.0000	16.553	REV
31	N-Nitrosopyrrolidine	100	4.373	4.367	(1.088)	75468	15.0000	14.984	REV
35	N-Nitrosomorpholine	56	4.405	4.399	(1.096)	133725	15.0000	16.328	REV
36	o-Toluidine	106	4.421	4.421	(1.100)	243267	15.0000	15.010	REV
40	N-Nitrosopiperidine	114	4.693	4.688	(0.899)	71229	15.0000	16.472	REV
44	o,o,o-Triethylphosphorothioat	198	4.917	4.912	(0.942)	86199	15.0000	16.754	REV
48	a,a-Dimethylphenethylamine	58	5.136	5.126	(0.984)	305905	15.0000	16.165	REV
53	2,6-Dichlorophenol	162	5.307	5.307	(1.016)	108415	15.0000	16.369	REV
54	Hexachloropropene	213	5.323	5.323	(1.019)	107416	15.0000	14.944	REV
57	N-Nitroso-di-n-butylamine	84	5.596	5.596	(1.072)	129851	15.0000	15.692	REV
60	Caprolactum	113	5.644	5.633	(1.081)	44682	15.0000	15.367	REV
61	p-Phenylenediamine	108	5.644	5.644	(1.081)	108617	15.0000	16.366	REV
65	Safrole	162	5.820	5.820	(1.115)	127178	15.0000	16.692	REV
70	1,2,4,5-Tetrachlorobenzene	216	6.087	6.087	(0.872)	144334	15.0000	16.448	REV

11-14-7

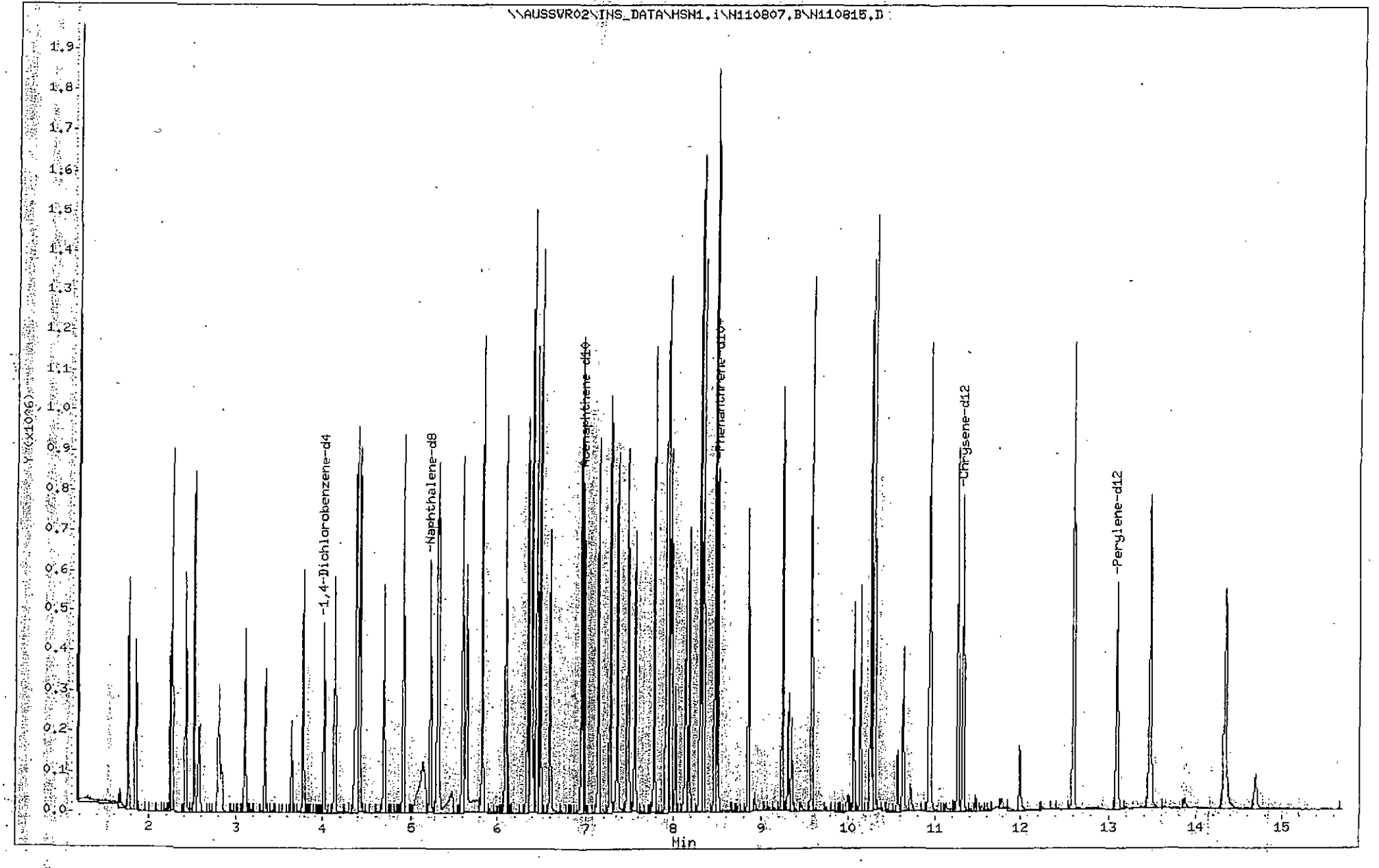
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)	REVIEW CODE
71 Isosafrole #1	162	6.109	6.109	(0.875)	17956	15.0000		REV
76 Isosafrole #2	162	6.344	6.344	(0.909)	124762	15.0000		REV
77 Biphenyl	154	6.392	6.387	(0.916)	400294	15.0000	16.323	REV
79 Diphenyl ether	170	6.488	6.488	(0.930)	219983	15.0000	16.364	REV
81 1,4-Naphthoquinone	158	6.595	6.595	(0.945)	90742	15.0000	15.639	REV
90 Dimethyl terephthalate	163	6.953	6.953	(0.996)	315096	15.0000	16.815	REV
95 Pentachlorobenzene	250	7.145	7.140	(1.024)	130778	15.0000	16.660	REV
100 1-Naphthylamine	143	7.273	7.273	(1.042)	276563	15.0000	16.554	REV
102 2-Naphthylamine	143	7.353	7.353	(1.054)	248243	15.0000	16.485	REV
104 Thionazin	97	7.476	7.471	(1.071)	90976	15.0000	17.194	REV
106 5-Nitro-o-toluidine	152	7.556	7.551	(1.083)	94412	15.0000	16.488	REV
112 Sulfotepp	97	7.776	7.770	(0.915)	78655	15.0000	16.418	REV
116 Atrazine	200	8.176	8.176	(2.034)	75616	15.0000	14.185	REV
117 1,3,5-Trinitrobenzene	213	7.909	7.904	(0.930)	44612	15.0000	14.535	REV
118 Diallate #1	234	7.920	7.920	(0.931)	60594	15.0000		REV
119 Phenacetin	108	7.968	7.957	(0.937)	224133	15.0000	16.711	REV
120 Phorate	75	7.936	7.936	(0.933)	275207	15.0000	16.787	REV
121 Dialate #2	234	8.016	8.016	(0.943)	16305	15.0000		REV
124 Dimethoate	87	8.133	8.128	(0.957)	112918	15.0000	16.063	REV
126 4-Aminobiphenyl	169	8.294	8.294	(0.975)	316867	15.0000	16.765	REV
129 Pronamide	173	8.336	8.331	(0.981)	185318	15.0000	15.351	REV
128 Pentachloronitrobenzene	295	8.304	8.299	(0.977)	20815	15.0000	14.900	REV
130 Dinoseb	211	8.465	8.459	(0.996)	71547	15.0000	15.256	REV
131 Disulfoton	88	8.465	8.465	(0.996)	221836	15.0000	14.922	REV
136 Methyl parathion	109	8.855	8.849	(1.041)	104424	15.0000	17.064	REV
138 Parathion	109	9.239	9.239	(1.087)	90679	15.0000	15.493	REV
139 4-Nitroquinoline-1-oxide	190	9.309	9.303	(1.095)	18246	15.0000	16.068	REV
140 Methapyrilene	58	9.346	9.346	(1.099)	60393	15.0000	15.566	REV
141 Isodrin	193	9.576	9.576	(1.126)	65833	15.0000	16.529	REV
146 Aramite #1	185	10.057	10.051	(0.888)	32044	15.0000		REV
148 Aramite #2	185	10.137	10.137	(0.895)	40412	15.0000		REV
149 4-Dimethylaminoazobenzene	120	10.254	10.249	(0.905)	195229	15.0000	15.244	REV
150 Chlorobenzilate	251	10.292	10.292	(0.909)	204816	15.0000	14.851	REV
151 Famphur	218	10.564	10.564	(0.933)	36400	15.0000	8.2283	REV
154 Kepone	272	10.714	10.708	(0.946)	7085	15.0000	8.4967	REV
153 3,3'-Dimethylbenzidine	212	10.628	10.623	(0.938)	142970	15.0000	16.183	REV
155 2-Acetylaminofluorene	181	10.938	10.933	(0.966)	257898	15.0000	15.229	REV
165 7,12-Dimethylbenz(a)anthracen	256	12.599	12.599	(0.962)	291932	15.0000	15.113	REV
170 3-MethylCholanthrene	268	13.476	13.470	(1.029)	283861	15.0000	15.222	REV
157 4,4-Methylenebis(2-chloroa	266	11.264	11.264	(0.994)	48074	15.0000	16.731	REV
172 Dibenz(a,j)acridine	279	14.341	14.330	(1.095)	406513	15.0000	17.032	REV
M 181 Diallate (total)	86				76899	15.0000		
M 182 Aramite (total)	185				72456	15.0000		
M 180 Isosafrol (cis + trans)	100				142718	15.0000		

Data File: \\AUSSVR02\INS_DATA\HSN1.i\N110807.B\N110815.D
Date : 08-NOV-2007 17:41
Client ID: AP9_15
Sample Info: localib_6;AP9_15;;1;6;3;;;; SMBPAP9L6_00001

Column phase: DB5.625

Instrument: HSN1.i

Operator: MALLOYM
Column diameter: 0.18



STL Austin

Method 8270C Semivolatiles

Data file : \\AUSSVR02\INS_DATA\MSN1.i\N110807.B\N110816.D
Lab Smp Id: Icalib_7 Client Smp ID: AP9_20
Inj Date : 08-NOV-2007 18:02
Operator : MALLOYM Inst ID: MSN1.i
Smp Info : Icalib_7;AP9_20;;1;7;3;;;; SMBPAP9L7_00001
Misc Info : ;3-AP9.sub; IS-SMINTSTDW_00003 (20 uL/1mL)
Comment : SOP NO. : AUS-MS-0005
Method : \\AUSSVR02\INS_DATA\MSN1.i\N110807.B\N1108BP.m
Meth Date : 09-Nov-2007 13:17 MSN1.i Quant Type: ISTD
Cal Date : 08-NOV-2007 17:41 Cal File: N110815.D
Als bottle: 16 Calibration Sample, Level: 7
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 3-AP9.sub
Target Version: 4.14
Processing Host: AUS21324

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	ON-COL (ug/mL)	REVIEW CODE
* 23	1,4-Dichlorobenzene-d4	152	4.020	4.020	(1.000)	61495	10.0000		REV
* 50	Naphthalene-d8	136	5.222	5.222	(1.000)	250616	10.0000		REV
* 91	Acenaphthene-d10	164	6.980	6.980	(1.000)	160991	10.0000		REV
* 132	Phenanthrene-d10	188	8.502	8.497	(1.000)	309079	10.0000		REV
* 160	Chrysene-d12	240	11.328	11.328	(1.000)	299671	10.0000		REV
* 169	Perylene-d12	264	13.097	13.096	(1.000)	259397	10.0000		REV
1	2-Ethoxyethanol	59	1.766	1.760	(0.439)	134039	20.0000	21.534	REV
2	1,4-Dioxane	88	1.761	1.760	(0.438)	88366	20.0000	22.112	REV
6	N,N-Dimethylformamide	73	2.241	2.236	(0.558)	135793	20.0000	21.185	REV
7	Propyl cellosolve	43	2.423	2.417	(0.603)	268671	20.0000	20.768	REV
8	2-Picoline	93	2.519	2.513	(0.627)	217117	20.0000	21.326	REV
9	N-Nitrosomethylethylamine	88	2.583	2.578	(0.643)	88936	20.0000	20.810	REV
10	Acrylamide	71	2.850	2.818	(0.709)	82445	20.0000	21.311(Q)	REV
11	Methyl methanesulfonate	80	2.808	2.797	(0.698)	121948	20.0000	20.965	REV
13	N-Nitrosodiethylamine	102	3.112	3.106	(0.774)	99844	20.0000	21.481	REV
14	Ethyl methanesulfonate	79	3.347	3.336	(0.833)	163797	20.0000	20.915	REV
17	Benzaldehyde	106	3.641	3.641	(0.906)	46591	20.0000	21.085	REV
20	Pentachloroethane	117	3.775	3.774	(0.939)	70847	20.0000	21.231	REV
26	1-Methyl-2-pyrrolidone	99	4.143	4.137	(1.031)	121972	20.0000	21.289	REV
34	Acetophenone	105	4.389	4.383	(1.092)	325308	20.0000	21.751	REV
31	N-Nitrosopyrrolidine	100	4.378	4.367	(1.089)	104457	20.0000	19.876	REV
35	N-Nitrosomorpholine	56	4.410	4.399	(1.097)	181989	20.0000	21.449	REV
36	o-Toluidine	106	4.426	4.421	(1.101)	337819	20.0000	19.988	REV
40	N-Nitrosopiperidine	114	4.699	4.688	(0.900)	95734	20.0000	21.568	REV
44	o,o,o-Triethylphosphorothioat	198	4.918	4.912	(0.942)	115724	20.0000	21.913	REV
48	a,a-Dimethylphenethylamine	58	5.147	5.126	(0.986)	389688	20.0000	20.062	REV
53	2,6-Dichlorophenol	162	5.308	5.307	(1.016)	145046	20.0000	21.336	REV
54	Hexachloropropene	213	5.324	5.323	(1.019)	146817	20.0000	19.704	REV
57	N-Nitroso-di-n-butylamine	84	5.602	5.596	(1.073)	176959	20.0000	20.834	REV
60	Caprolactum	113	5.650	5.633	(1.082)	63215	20.0000	21.181	REV
61	p-Phenylenediamine	108	5.644	5.644	(1.081)	140925	20.0000	20.511	REV
65	Safrole	162	5.826	5.820	(1.116)	174834	20.0000	22.356	REV
70	1,2,4,5-Tetrachlorobenzene	216	6.093	6.087	(0.873)	197040	20.0000	21.607	REV

11-14-1

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)	REVIEW CODE
71 Isosafrole #1	162	6.109	6.109	(0.875)	24091	20.0000		REV
76 Isosafrole #2	162	6.349	6.344	(0.910)	170518	20.0000		REV
77 Biphenyl	154	6.398	6.387	(0.917)	556915	20.0000	21.852	REV
79 Diphenyl ether	170	6.494	6.488	(0.930)	301509	20.0000	21.582	REV
81 1,4-Naphthoquinone	158	6.601	6.595	(0.946)	111472	20.0000	18.404	REV
90 Dimethyl terephthalate	163	6.958	6.953	(0.997)	414964	20.0000	21.308	REV
95 Pentachlorobenzene	250	7.145	7.140	(1.024)	176875	20.0000	21.682	REV
100 1-Naphthylamine	143	7.279	7.273	(1.043)	377221	20.0000	21.726	REV
102 2-Naphthylamine	143	7.359	7.353	(1.054)	326143	20.0000	20.840	REV
104 Thionazin	97	7.477	7.471	(1.071)	124611	20.0000	22.661	REV
106 5-Nitro-o-toluidine	152	7.562	7.551	(1.083)	127593	20.0000	21.441	REV
112 Sulfotepp	97	7.776	7.770	(0.915)	107995	20.0000	21.946	REV
116 Atrazine	200	8.182	8.176	(2.035)	87553	20.0000	15.854	REV
117 1,3,5-Trinitrobenzene	213	7.915	7.904	(0.931)	63868	20.0000	19.857	REV
118 Diallate #1	234	7.925	7.920	(0.932)	82740	20.0000		REV
119 Phenacetin	108	7.973	7.957	(0.938)	299966	20.0000	21.774	REV
120 Phorate	75	7.941	7.936	(0.934)	388062	20.0000	23.045	REV
121 Dialate #2	234	8.016	8.016	(0.943)	21398	20.0000		REV
124 Dimethoate	87	8.139	8.128	(0.957)	134338	20.0000	18.605	REV
126 4-Aminobiphenyl	169	8.299	8.294	(0.976)	434093	20.0000	22.360	REV
129 Pronamide	173	8.342	8.331	(0.981)	247527	20.0000	19.748	REV
128 Pentachloronitrobenzene	295	8.305	8.299	(0.977)	28579	20.0000	19.565	REV
130 Dinoseb	211	8.470	8.459	(0.996)	105938	20.0000	20.499	REV
131 Disulfoton	88	8.470	8.465	(0.996)	310330	20.0000	20.103	REV
136 Methyl parathion	109	8.855	8.849	(1.041)	125137	20.0000	19.908	REV
138 Parathion	109	9.245	9.239	(1.087)	123815	20.0000	20.341	REV
139 4-Nitroquinoline-1-oxide	190	9.314	9.303	(1.095)	24614	20.0000	20.643	REV
140 Methapyrilene	58	9.346	9.346	(1.099)	72398	20.0000	18.167	REV
141 Isodrin	193	9.576	9.576	(1.126)	87934	20.0000	21.494	REV
146 Aramite #1	185	10.057	10.051	(0.888)	41411	20.0000		REV
148 Aramite #2	185	10.137	10.137	(0.895)	52050	20.0000		REV
149 4-Dimethylaminoazobenzene	120	10.255	10.249	(0.905)	261542	20.0000	20.008	REV
150 Chlorobenzilate	251	10.297	10.292	(0.909)	279593	20.0000	19.831	REV
151 Famphur	218	10.564	10.564	(0.933)	27005	20.0000	6.0301	REV
154 Kepone	272	10.714	10.708	(0.946)	6058	20.0000	7.1765	REV
153 3,3'-Dimethylbenzidine	212	10.629	10.623	(0.938)	169958	20.0000	19.003	REV
155 2-Acetylaminofluorene	181	10.944	10.933	(0.966)	347517	20.0000	20.077	REV
165 7,12-Dimethylbenz(a)anthracen	256	12.605	12.599	(0.962)	398431	20.0000	20.093	REV
170 3-MethylCholanthrene	268	13.481	13.470	(1.029)	382121	20.0000	19.983	REV
157 4,4-Methylenebis(2-chloroa	266	11.270	11.264	(0.995)	64143	20.0000	22.051	REV
172 Dibenz(a,j)acridine	279	14.352	14.330	(1.096)	544384	20.0000	22.423	REV
M 181 Diallate (total)	86				104138	20.0000		
M 182 Aramite (total)	185				93461	20.0000		
M 180 Isosafrol (cis + trans)	100				194609	20.0000		

QC Flag Legend

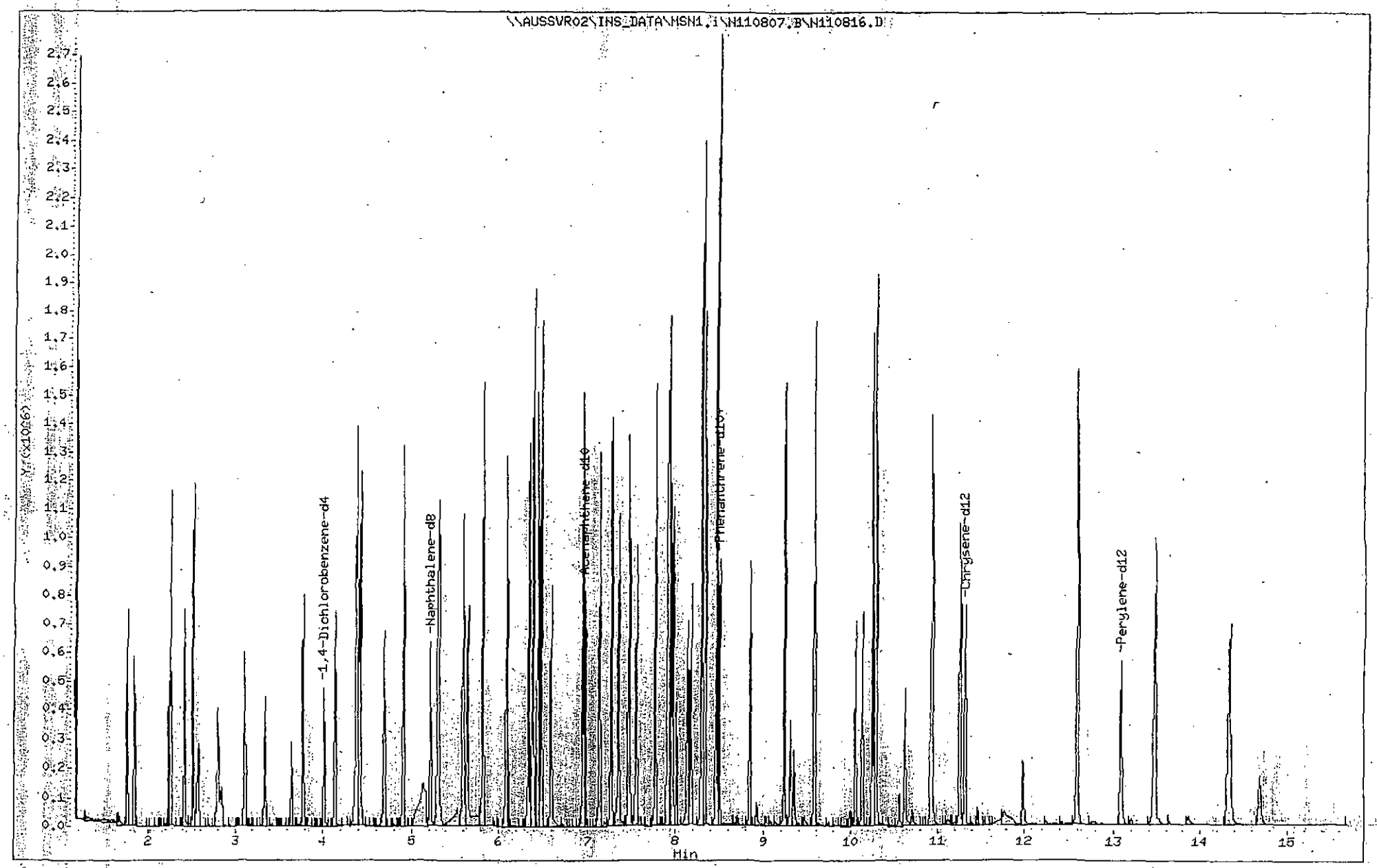
Q - Qualifier signal failed the ratio test.

Data File: \\AUSSVR02\INS_DATA\MSN1.i\N110807.B\N110816.D
Date : 08-NOV-2007 18:02
Client ID: AP9_20
Sample Info: Icalib_7;AP9_20;;1;7;3;;;; SHBPAP9L7_00001

Column phase: DB5.625

Instrument: MSN1.i

Operator: MALLOYM
Column diameter: 0.18



STL Austin

Method 8270C Semivolatiles

Data file : \\AUSSVR02\INS_DATA\MSN1.i\N110807.B\N110817.D
Lab Smp Id: Icalib_8 Client Smp ID: AP9_30
Inj Date : 08-NOV-2007 18:23
Operator : MALLOYM Inst ID: MSN1.i
Smp Info : Icalib_8;AP9_30;;1;8;3;;;; SMBPAP9L8_00001
Misc Info : ;3-AP9.sub; IS-SMINTSTDW_00003 (20 uL/1mL)
Comment : SOP NO. : AUS-MS-0005
Method : \\AUSSVR02\INS_DATA\MSN1.i\N110807.B\N1108BP.m
Meth Date : 09-Nov-2007 13:17 MSN1.i Quant Type: ISTD
Cal Date : 08-NOV-2007 18:02 Cal File: N110816.D
Als bottle: 17 Calibration Sample, Level: 8
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 3-AP9.sub
Target Version: 4.14
Processing Host: AUS21324

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	ON-COL (ug/mL)	REVIEW CODE
*	23 1,4-Dichlorobenzene-d4	152	4.020	4.020	(1.000)	61650	10.0000		REV
*	50 Naphthalene-d8	136	5.227	5.222	(1.000)	250308	10.0000		REV
*	91 Acenaphthene-d10	164	6.979	6.980	(1.000)	158426	10.0000		REV
*	132 Phenanthrene-d10	188	8.502	8.497	(1.000)	316372	10.0000		REV
*	160 Chrysene-d12	240	11.333	11.328	(1.000)	299750	10.0000		REV
*	169 Perylene-d12	264	13.096	13.096	(1.000)	260831	10.0000		REV
	1 2-Ethoxyethanol	59	1.765	1.760	(0.439)	211380	30.0000	33.874	REV
	2 1,4-Dioxane	88	1.760	1.760	(0.438)	136686	30.0000	34.117	REV
	6 N,N-Dimethylformamide	73	2.251	2.236	(0.560)	209396	30.0000	32.585	REV
	7 Propyl cellosolve	43	2.428	2.417	(0.604)	410223	30.0000	31.630	REV
	8 2-Picoline	93	2.518	2.513	(0.627)	341712	30.0000	33.480(A)	REV
	9 N-Nitrosomethylethylamine	88	2.588	2.578	(0.644)	133387	30.0000	31.133(A)	REV
	10 Acrylamide	71	2.876	2.818	(0.716)	123318	30.0000	31.797(Q)	REV
	11 Methyl methanesulfonate	80	2.812	2.797	(0.700)	183091	30.0000	31.397(A)	REV
	13 N-Nitrosodiethylamine	102	3.117	3.106	(0.775)	150316	30.0000	32.259(A)	REV
	14 Ethyl methanesulfonate	79	3.352	3.336	(0.834)	246407	30.0000	31.384(A)	REV
	17 Benzaldehyde	106	3.646	3.641	(0.907)	66377	30.0000	29.963	REV
	20 Pentachloroethane	117	3.779	3.774	(0.940)	110730	30.0000	33.099(A)	REV
	26 1-Methyl-2-pyrrolidone	99	4.148	4.137	(1.032)	184430	30.0000	32.109	REV
	34 Acetophenone	105	4.388	4.383	(1.092)	500987	30.0000	33.414(A)	REV
	31 N-Nitrosopyrrolidine	100	4.388	4.367	(1.092)	164749	30.0000	31.027(A)	REV
	35 N-Nitrosomorpholine	56	4.415	4.399	(1.098)	283863	30.0000	33.371(A)	REV
	36 o-Toluidine	106	4.431	4.421	(1.102)	524893	30.0000	30.768(A)	REV
	40 N-Nitrosopiperidine	114	4.703	4.688	(0.900)	143870	30.0000	32.453(A)	REV
	44 o,o,o-Triethylphosphorothioat	198	4.917	4.912	(0.941)	184344	30.0000	34.949	REV
	48 a,a-Dimethylphenethylamine	58	5.179	5.126	(0.991)	547333	30.0000	28.212	REV
	53 2,6-Dichlorophenol	162	5.312	5.307	(1.016)	222663	30.0000	32.793(A)	REV
	54 Hexachloropropene	213	5.323	5.323	(1.018)	235045	30.0000	31.229(A)	REV
	57 N-Nitroso-di-n-butylamine	84	5.601	5.596	(1.072)	271159	30.0000	31.964(A)	REV
	60 Caprolactum	113	5.660	5.633	(1.083)	95354	30.0000	31.990(A)	REV
	61 p-Phenylenediamine	108	5.649	5.644	(1.081)	191081	30.0000	27.608	REV
	65 Safrole	162	5.825	5.820	(1.114)	272538	30.0000	34.892(A)	REV
	70 1,2,4,5-Tetrachlorobenzene	216	6.092	6.087	(0.873)	309022	30.0000	34.435(A)	REV

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)	REVIEW CODE
71	Isosafrole #1	162	6.114	6.109	(0.876)	37140	30.0000		REV
76	Isosafrole #2	162	6.354	6.344	(0.910)	263563	30.0000		REV
77	Biphenyl	154	6.402	6.387	(0.917)	867996	30.0000	34.610	REV
79	Diphenyl ether	170	6.493	6.488	(0.930)	475689	30.0000	34.601	REV
81	1,4-Naphthoquinone	158	6.600	6.595	(0.946)	135610	30.0000	22.646	REV
90	Dimethyl terephthalate	163	6.963	6.953	(0.998)	645639	30.0000	33.690	REV
95	Pentachlorobenzene	250	7.150	7.140	(1.024)	276035	30.0000	34.385(A)	REV
100	1-Naphthylamine	143	7.284	7.273	(1.044)	576765	30.0000	33.757(A)	REV
102	2-Naphthylamine	143	7.358	7.353	(1.054)	498163	30.0000	32.348(A)	REV
104	Thionazin	97	7.481	7.471	(1.072)	195514	30.0000	36.130	REV
106	5-Nitro-o-toluidine	152	7.572	7.551	(1.085)	193955	30.0000	33.120(A)	REV
112	Sulfotepp	97	7.786	7.770	(0.916)	167911	30.0000	33.335	REV
116	Atrazine	200	8.186	8.176	(2.037)	89964	30.0000	16.249	REV
117	1,3,5-Trinitrobenzene	213	7.919	7.904	(0.931)	106989	30.0000	31.847(Q)	REV
118	Diallate #1	234	7.925	7.920	(0.932)	133342	30.0000		REV
119	Phenacetin	108	7.989	7.957	(0.940)	454470	30.0000	32.228(A)	REV
120	Phorate	75	7.946	7.936	(0.935)	576185	30.0000	33.428	REV
121	Dialate #2	234	8.021	8.016	(0.943)	32230	30.0000		REV
124	Dimethoate	87	8.149	8.128	(0.959)	172985	30.0000	23.405	REV
126	4-Aminobiphenyl	169	8.304	8.294	(0.977)	628430	30.0000	31.625(A)	REV
129	Pronamide	173	8.352	8.331	(0.982)	391293	30.0000	30.110(A)	REV
128	Pentachloronitrobenzene	295	8.309	8.299	(0.977)	46481	30.0000	30.470(A)	REV
130	Dinoseb	211	8.475	8.459	(0.997)	177804	30.0000	29.813	REV
131	Disulfoton	88	8.475	8.465	(0.997)	496866	30.0000	31.100	REV
136	Methyl parathion	109	8.859	8.849	(1.042)	165513	30.0000	25.724	REV
138	Parathion	109	9.249	9.239	(1.088)	187292	30.0000	29.693	REV
139	4-Nitroquinoline-1-oxide	190	9.319	9.303	(1.096)	36429	30.0000	29.192	REV
140	Methapyrilene	58	9.351	9.346	(1.100)	97860	30.0000	23.990	REV
141	Isodrin	193	9.581	9.576	(1.127)	140700	30.0000	33.599(A)	REV
146	Aramite #1	185	10.061	10.051	(0.888)	61141	30.0000		REV
148	Aramite #2	185	10.142	10.137	(0.895)	75679	30.0000		REV
149	4-Dimethylaminoazobenzene	120	10.259	10.249	(0.905)	402881	30.0000	30.536(A)	REV
150	Chlorobenzilate	251	10.302	10.292	(0.909)	446259	30.0000	31.311(A)	REV
151	Famphur	218	10.564	10.564	(0.932)	19221	30.0000	4.2909	REV
154	Kepone	272	10.719	10.708	(0.946)	3067	30.0000	3.6323	REV
153	3,3'-Dimethylbenzidine	212	10.628	10.623	(0.938)	235293	30.0000	26.302	REV
155	2-Acetylaminofluorene	181	10.954	10.933	(0.967)	533177	30.0000	30.482(A)	REV
165	7,12-Dimethylbenz(a)anthracen	256	12.615	12.599	(0.963)	618439	30.0000	30.724(A)	REV
170	3-MethylCholanthrene	268	13.491	13.470	(1.030)	594974	30.0000	30.668(A)	REV
157	4,4-Methylenebis(2-chloroa	266	11.274	11.264	(0.995)	99289	30.0000	34.124	REV
172	Dibenz(a,j)acridine	279	14.367	14.330	(1.097)	832062	30.0000	34.084(A)	REV
M 181	Diallate (total)	86				165572	30.0000		
M 182	Aramite (total)	185				136820	30.0000		
M 180	Isosafrol (cis + trans)	100				300703	30.0000		

QC Flag Legend

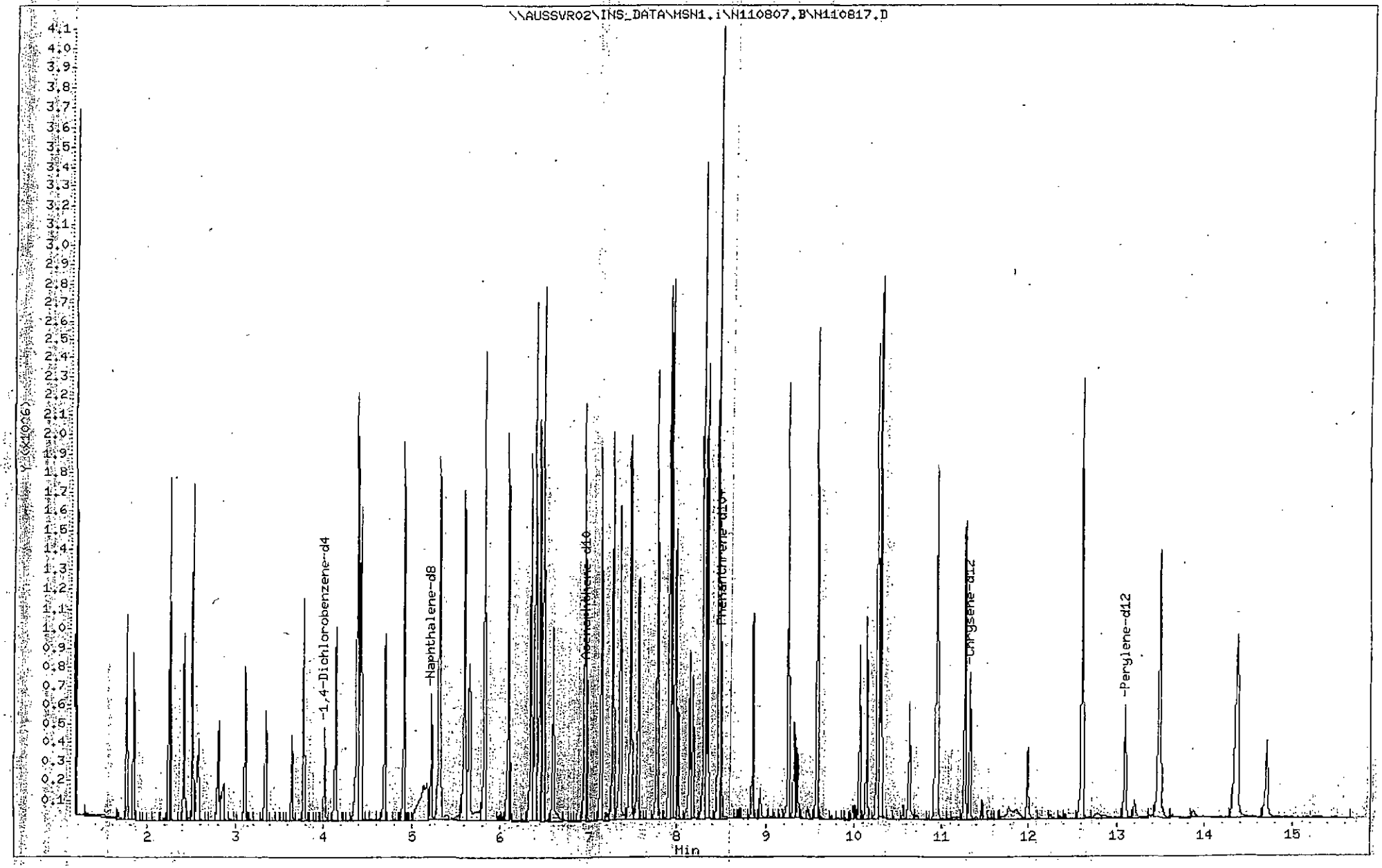
A - Target compound detected but, quantitated amount exceeded maximum amount.
Q - Qualifier signal failed the ratio test.

Data File: \\AUSSVR02\INS_DATA\MSN1.i\N110807.B\N110817.D
Date : 08-NOV-2007 18:23
Client ID: AP9_30
Sample Info: Icalib_8;AP9_30;;1;8;3;;;; SMBPAP9L8_00001

Column phase: DB5.625

Instrument: MSN1.i

Operator: MALLOYM
Column diameter: 0.18



Semivolatile GC

Supporting Documentation

Sample Sequence, Chromatograms

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Lot ID: I7L050202

Client: EA ENG.

Method: 8081

Associated Samples: 1

Batch #(s): 7341470

I certify that, to the best of my knowledge, the attached package represents a complete and accurate copy of the original data.

Signature/Date: Christi D. Kettula 12/21/07

GC SEMIVOLATILE ORGANIC EXTRACTION LOG SHEETS

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

RQC058

TestAmerica Laboratories, Inc.
EXTRACTION BENCH WORKSHEET

Run Date: 12/10/07
Time: 14:06:09

LEV 1	LEV 2		LEV 1	LEV 2	
Y	Y	Blank	Y	Y	Weights/Volumes
Y	Y	Check	Y	Y	Spike & Surrogate Worksheet
_	_	MS/MSD	Y	Y	Vial contains correct volume
			Y	Y	Labels, greenbars, worksheets computer batch: correct & all match
			Y	Y	Anomalies to Extraction Method

_ Expanded Deliverable
_ COC Completed
_ Bench Sheet Copied
_ Package Submitted to AnalyticalGrou
_ Bench Sheet Copied per COC

Extractionist: 007886 Brittany Gorman

Concentrationist: 008268 Katie Stoltz

Reviewer/Date: STOLTZK / 12/10/07

****
* QC BATCH: 7341470 *
****

PREP DATE: 12/07/07 14:30
COMP DATE: 12/10/07 13:30

Pesticides (8081A)
LIQ/LIQ, SEP FUNNEL (PAH,P/P,TPH,Dioxin) - Nominal

EXTR EXPR	ANL DUE	LOT#,MSRUN#/ WORK ORDER	TEST FLGS	EXT	MTH	MATRIX	INIT/FIN WT/VOL	INIT	PH"S ADJ1	ADJ2	EXTRACTION	SOLVENTS VOL	EXCHANGE	VOL	SPIKE STANDARD/ SURROGATE ID
12/10/07	12/19/07	I7L050202-001 KDG1R-1-AC	D	09	QJ	WATER	1009mL 10.00mL	7.0	NA	NA	MECL2	180.0	HEXANE	50.0	1ML GSV1509 12/06/07
COMMENTS:															
12/10/07	0/00/00	D7L070000-470 KDPL3-1-AAB		09	QJ	WATER	1000mL 10.00mL	7.0	NA	NA	MECL2	180.0	HEXANE	50.0	1ML GSV1509 12/06/07
COMMENTS:															
12/10/07	0/00/00	D7L070000-470 KDPL3-1-ADC		09	QJ	WATER	1000mL 10.00mL	7.0	NA	NA	MECL2	180.0	HEXANE	50.0	1ML GSV1496 12/05/07 1ML GSV1509 12/06/07
COMMENTS:															
12/10/07	0/00/00	D7L070000-470 KDPL3-1-AEL	R	09	QJ	WATER	1000mL 10.00mL	7.0	NA	NA	MECL2	180.0	HEXANE	50.0	1ML GSV1496 12/05/07 1ML GSV1509 12/06/07
COMMENTS:															

DEN-OP-0006/7 BAL:M27995 H20:ELGA+NACL:E13652 NA2S04:E21601 MECL2:E40E57
S/S:BG-A W:CL SHARE MB:7341483/487/469/521 SHARE LCS/D:7341469/483
BATH A:88C HEX:E35E82 PIP:OP-P1 (10.7)

R = RUSH C = CLP
E = EPA 600 D = EXP.DEL)
M = CLIENT REQ MS/MSD

NUMBER OF WORK ORDERS IN BATCH: 4

GC SEMIVOLATILE INSTRUMENT LOG SHEETS

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Sequence: C:\HPCHEM\1\SEQUENCE\C121407.S

Sequence Table (Front Injector):

Quantification Part:

Line	Location	SampleName	SampleAmount	ISTDAmt	Multiplier	Dilution
1	Vial 1	PRIMER				
2	Vial 2	EVAL B				
3	Vial 3	HEXANE				
4	Vial 4	AP9 L4 GSV096707				
5	Vial 5	AB L4 GSV137507 - CCV 1 - %D OK 14:39				
6	Vial 6	TOX L1 GSV098507 toxaphene = 1 - %D OK				
7	Vial 7	KDPL31AD,LCS				
8	Vial 8	KDPL31AE,LCSD				
9	Vial 9	KDG1R1AC,202-1 - project sample 15.44				
10	Vial 10	KDPL31AA,BLK				
11	Vial 11	KDPM61AC,LCS				
12	Vial 12	KDPM61AD,LCSD				
13	Vial 13	KDL8N1AC,383-4				
14	Vial 14	KDPM61AA,BLK				
15	Vial 15	GSV0666-07				
16	Vial 16	AP9 L4 GSV096707				
17	Vial 17	AB L4 GSV137507 - CCV 17:54 %D OK				
18	Vial 18	TOX L1 GSV098507 - toxaphene STD				
19	Vial 19	KDVHW1AC,LCS				
20	Vial 20	KDPG41CD,296-1				
21	Vial 21	KDPL41A9,310-1				
22	Vial 22	KDPMN1AL,310-2				
23	Vial 23	KDVHW1AA,BLK				
24	Vial 24	AP9 L4 GSV096707				
25	Vial 25	AB L4 GSV137507				
26	Vial 26	TOX L1 GSV098507				
27	Vial 27	KDVJR1AC,LCS				
28	Vial 28	KDP121AC,357-1 RD 1000X & 2000X				
29	Vial 29	KDP121AD,357-1MS				
30	Vial 30	KDP121AE,357-1SD				
31	Vial 31	KDVJR1AA,BLK				
32	Vial 32	AP9 L4 GSV096707				
33	Vial 33	AB L4 GSV137507				
34	Vial 34	TOX L1 GSV098507				
35	Vial 99	HEXANE				
36	Vial 100	HEXANE				

Sequence Table (Back Injector):

No entries - empty table!

GC SEMIVOLATILE
CONTINUING CALIBRATION DATA

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Data File: /chem/GC_C.i/C121407-1.b/C#A-002f0201.d
Report Date: 12/14/2007

EVALB Degradation Report

Instrument ID: GC_C.i Injection Date: 14-DEC-2007 13:33
Lab File ID: C#A-002f0201.d Lab Sample ID: EVAL B
Analysis Type: NONE Method File: /chem/GC_C.i/C121407-1.b/C_8081_1.m

4,4'-DDT Degradation

RT	Area	Compound
6.8593	32258657	4,4'-DDT
5.8052	301104	4,4'-DDE
6.5168	421489	4,4'-DDD

Percent Degradation of 4,4'-DDT: 2.19

cl 12/20/07

Endrin Degradation

RT	Area	Compound
6.2960	23855400	Endrin
6.9468	612264	Endrin aldehyde
7.8602	900821	Endrin ketone

Percent Degradation of Endrin: 5.96

Data File: /chem/GC_C.i/C121407-1.b/C#A-002f0201.d Page 1
Report Date: 18-Dec-2007 11:04

STL Denver

Data file : /chem/GC_C.i/C121407-1.b/C#A-002f0201.d
Lab Smp Id: EVAL B
Inj Date : 14-DEC-2007 13:33
Operator : MPK Inst ID: GC_C.i
Smp Info : EVAL B
Misc Info : Column 1-J&W 30m 0.32mm ID 0.25um df DB-35MS
Comment :
Method : /chem/GC_C.i/C121407-1.b/C_8081_1.m
Meth Date : 18-Dec-2007 11:04 kellisom Quant Type: ESTD
Cal Date : 06-DEC-2007 19:27 Cal File: C#A-020f2001.d
Als bottle: 2 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: EVALB.sub
Target Version: 3.50
Processing Host: chemsv04

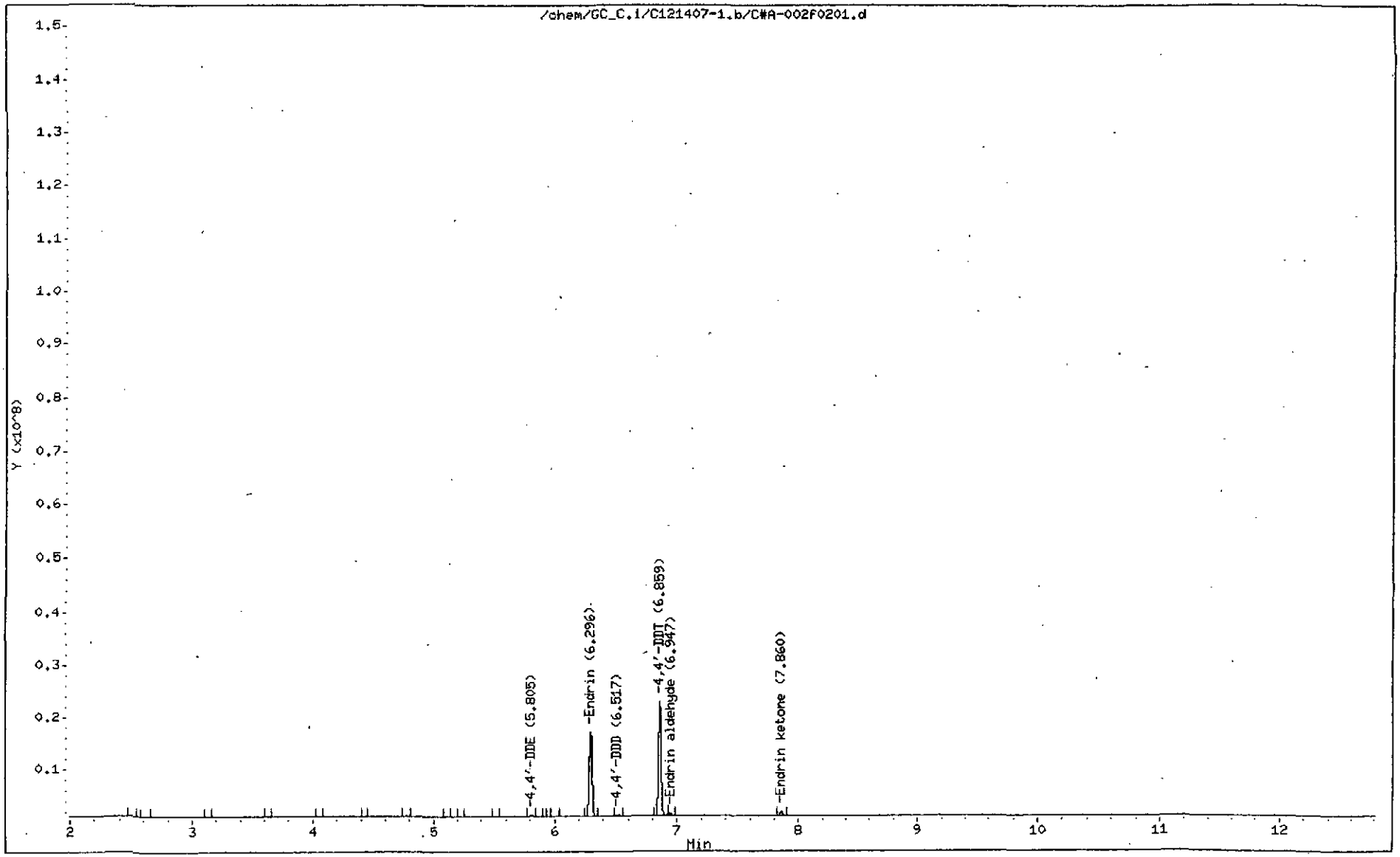
Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ng/ml)	AMOUNTS ON-COL (ng/ml)
19 4,4'-DDE	5.805	5.802	0.003	301104	50.0000	0.26035
23 Endrin	6.296	6.297	-0.001	23855400	50.0000	25.484
26 4,4'-DDD	6.517	6.512	0.005	421489	50.0000	0.47724
28 4,4'-DDT	6.859	6.859	0.000	32258657	50.0000	42.715
29 Endrin aldehyde	6.947	6.947	0.000	612264	50.0000	0.75974
32 Endrin ketone	7.860	7.861	-0.001	900821	50.0000	0.90378

Data File: /chem/GC_C.i/C121407-1.b/C#A-002F0201.d
Date : 14-DEC-2007 13:33
Client ID:
Sample Info: EVAL B

Instrument: GC_C.i

Operator: HPK
Column diameter: 0.32

Column phase: DB-35MS



Data File: /chem/GC_C.i/C121407-2.b/C#B-002f0201.d
Report Date: 12/18/2007

EVALB Degradation Report

Instrument ID: GC_C.i Injection Date: 14-DEC-2007 13:33
Lab File ID: C#B-002f0201.d Lab Sample ID: EVAL B
Analysis Type: NONE Method File: /chem/GC_C.i/C121407-2.b/C_8081_2.m

4,4'-DDT Degradation

RT	Area	Compound
7.4502	46483345	4,4'-DDT
6.4418	190322	4,4'-DDE
7.0968	836336	4,4'-DDD

Percent Degradation of 4,4'-DDT: 2.16

Endrin Degradation

RT	Area	Compound
6.8677	33485761	Endrin
7.3327	550582	Endrin aldehyde
8.1018	1261172	Endrin ketone

Percent Degradation of Endrin: 5.13

Data File: /chem/GC_C.i/C121407-2.b/C#B-002f0201.d Page 1
Report Date: 18-Dec-2007 11:08

STL Denver

Data file : /chem/GC_C.i/C121407-2.b/C#B-002f0201.d
Lab Smp Id: EVAL B
Inj Date : 14-DEC-2007 13:33
Operator : MPK Inst ID: GC_C.i
Smp Info : EVAL B
Misc Info : Column 2-J&W 30m 0.32mm ID 0.5um df DB-XLB
Comment :
Method : /chem/GC_C.i/C121407-2.b/C_8081_2.m
Meth Date : 18-Dec-2007 11:08 kellisom Quant Type: ESTD
Cal Date : 06-DEC-2007 19:27 Cal File: C#B-020f2001.d
Als bottle: 2 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: EVALB.sub
Target Version: 3.50
Processing Host: chemsv04

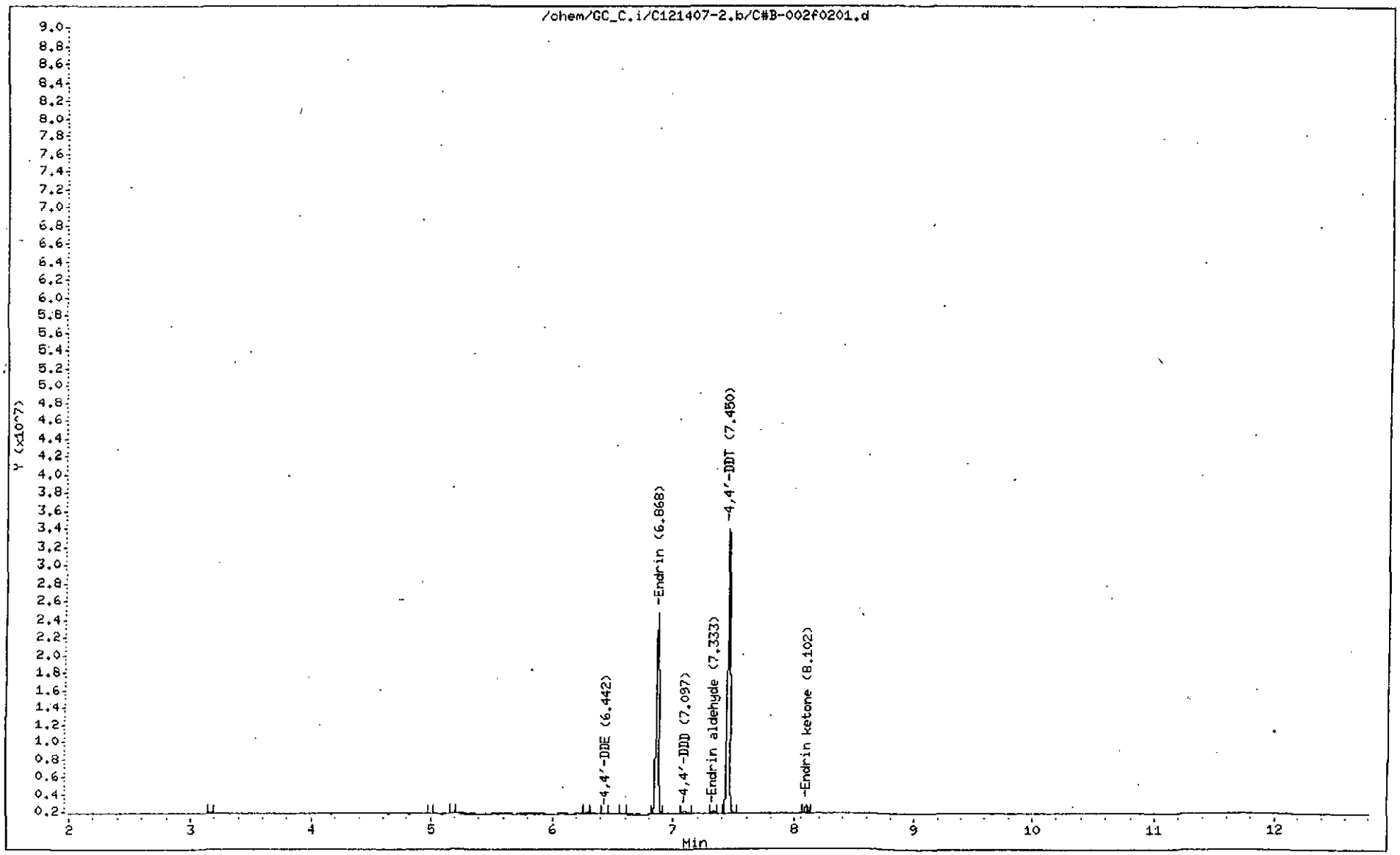
					AMOUNTS	
					CAL-AMT	ON-COL
Compounds	RT	EXP RT	DLT RT	RESPONSE	(ng/ml)	(ng/ml)
24 Endrin	6.868	6.868	0.000	33485761	50.0000	24.328
30 4,4'-DDT	7.450	7.451	-0.001	46483345	50.0000	39.448

Data File: /chem/GC_C.i/C121407-2.b/C#B-002f0201.d
Date : 14-DEC-2007 13:33
Client ID:
Sample Info: EVAL B

Column phase: CLP-PEST I

Instrument: GC_C.i

Operator: HPK
Column diameter: 0.32



Data File: /chem/GC_C.i/C121407-1.b/C#A-005f0501.d
Report Date: 12/14/2007

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: GC_C.i
Lab File ID: C#A-005f0501.d
Analysis Type: NONE

Injection Date: 14-DEC-2007 14:39
Lab Sample ID: AB L4 GSV137507
Method File: /chem/GC_C.i/C121407-1.b/C_8081_1.m

	COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D
22	Tetrachloro-m-xylene	50.0000	48.6541	2.7	15.0
127	Hexachlorobenzene	50.0000	50.9648	1.9	15.0
1	alpha-BHC	50.0000	53.1475	6.3	15.0
5	gamma-BHC (Lindane)	50.0000	49.3122	1.4	15.0
2	beta-BHC	50.0000	48.8954	2.2	15.0
17	Heptachlor	50.0000	50.7509	1.5	15.0
3	delta-BHC	50.0000	51.0625	2.1	15.0
10	Aldrin	50.0000	50.3721	0.7	15.0
18	Heptachlor epoxide	50.0000	49.9772	0.0	15.0
6	gamma-Chlordane	50.0000	49.2776	1.4	15.0
100	alpha-Chlordane	50.0000	48.8955	2.2	15.0
12	Endosulfan I	50.0000	48.9837	2.0	15.0
8	4,4'-DDE	50.0000	49.5790	0.8	15.0
57	Dieldrin	50.0000	49.7677	0.5	15.0
15	Endrin	50.0000	52.8561	5.7	15.0
7	4,4'-DDD	50.0000	49.2031	1.6	15.0
101	Endosulfan II	50.0000	48.2999	3.4	15.0
102	4,4'-DDT	50.0000	51.2384	2.5	15.0
16	Endrin aldehyde	50.0000	46.8791	6.2	15.0
14	Endosulfan sulfate	50.0000	47.1107	5.8	15.0
103	Methoxychlor	50.0000	50.9688	1.9	15.0
17	Endrin ketone	50.0000	47.9807	4.0	15.0
106	Mirex	50.0000	48.9830	2.0	15.0
21	Decachlorobiphenyl	50.0000	48.6544	2.7	15.0

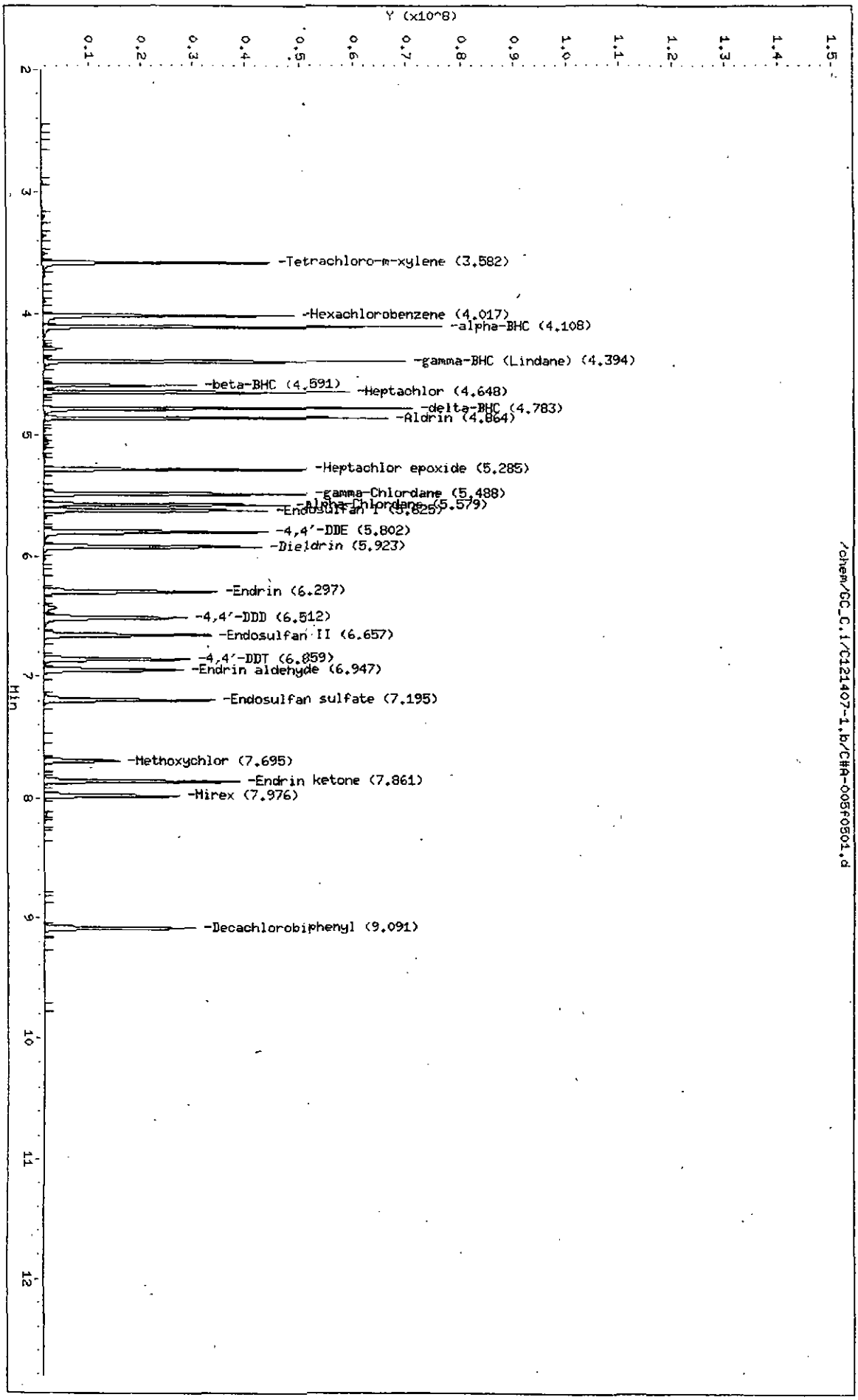
Average %D = 2.58

Data File: /chem/GC_C.i/C121407-1.b/C#A-005f0501.d Page 1
Report Date: 18-Dec-2007 11:04

STL Denver

Data file : /chem/GC_C.i/C121407-1.b/C#A-005f0501.d
Lab Smp Id: AB L4 GSV137507
Inj Date : 14-DEC-2007 14:39
Operator : MPK Inst ID: GC_C.i
Smp Info : AB L4 GSV137507
Misc Info : Column 1-J&W 30m 0.32mm ID 0.25um df DB-35MS
Comment :
Method : /chem/GC_C.i/C121407-1.b/C_8081_1.m
Meth. Date : 18-Dec-2007 11:04 kellisom Quant Type: ESTD
Cal Date : 06-DEC-2007 19:27 Cal File: C#A-020f2001.d
Als bottle: 5 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 1-INDAB.sub
Target Version: 3.50
Processing Host: chemsv04

	Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ng/ml)	AMOUNTS ON-COL (ng/ml)
$	1 Tetrachloro-m-xylene	3.582	3.582	0.000	46069362	50.0000	48.654
	3 Hexachlorobenzene	4.017	4.017	0.000	50065870	50.0000	50.965
	4 alpha-BHC	4.108	4.108	0.000	69465377	50.0000	53.148
	5 gamma-BHC (Lindane)	4.394	4.394	0.000	60341881	50.0000	49.312
	7 beta-BHC	4.591	4.591	0.000	26285166	50.0000	48.895
	8 Heptachlor	4.648	4.648	0.000	50856514	50.0000	50.751
	9 delta-BHC	4.783	4.783	0.000	64204703	50.0000	51.062
	10 Aldrin	4.864	4.864	0.000	59817603	50.0000	50.372
	13 Heptachlor epoxide	5.285	5.285	0.000	51840504	50.0000	49.977
	14 gamma-Chlordane	5.488	5.488	0.000	54916887	50.0000	49.278
	17 alpha-Chlordane	5.579	5.579	0.000	53720000	50.0000	48.896
	18 Endosulfan I	5.625	5.625	0.000	50072601	50.0000	48.984
	19 4,4'-DDE	5.802	5.802	0.000	57339783	50.0000	49.579
	20 Dieldrin	5.923	5.923	0.000	56596456	50.0000	49.768
	23 Endrin	6.297	6.297	0.000	49478196	50.0000	52.856
	26 4,4'-DDD	6.512	6.512	0.000	43455205	50.0000	49.203
	27 Endosulfan II	6.657	6.657	0.000	46209848	50.0000	48.300
	28 4,4'-DDT	6.859	6.859	0.000	38695828	50.0000	51.238
	29 Endrin aldehyde	6.947	6.947	0.000	37779439	50.0000	46.879
	30 Endosulfan sulfate	7.195	7.195	0.000	44560379	50.0000	47.111
	31 Methoxychlor	7.695	7.695	0.000	19633801	50.0000	50.969
	32 Endrin ketone	7.861	7.861	0.000	47823509	50.0000	47.981
	33 Mirex	7.976	7.976	0.000	34779005	50.0000	48.983
$	34 Decachlorobiphenyl	9.091	9.091	0.000	42525675	50.0000	48.654



Data File: /chem/GC_C.i/C121407-1.b/C#A-005f0501.d
Date : 14-DEC-2007 14:39
Client ID:
Sample Info: AB L4 GSV137507

Instrument: GC_C.i
Operator: MPK
Column diameter: 0.32

Column phase: DB-35MS

Data File: /chem/GC_C.i/C121407-2.b/C#B-005f0501.d
Report Date: 12/18/2007

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: GC_C.i
Lab File ID: C#B-005f0501.d
Analysis Type: NONE

Injection Date: 14-DEC-2007 14:39
Lab Sample ID: AB L4 GSV137507
Method File: /chem/GC_C.i/C121407-2.b/C_8081_2.m

	COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D
24	Tetrachloro-m-xylene	50.0000	46.3225	7.4	15.0
2	alpha-BHC	50.0000	48.5532	2.9	15.0
133	Hexachlorobenzene	50.0000	46.8454	6.3	15.0
5	gamma-BHC (Lindane)	50.0000	47.1849	5.6	15.0
2	beta-BHC	50.0000	46.8107	6.4	15.0
4	delta-BHC	50.0000	48.4040	3.2	15.0
122	Heptachlor	50.0000	47.0204	6.0	15.0
1	Aldrin	50.0000	47.6461	4.7	15.0
19	Heptachlor epoxide	50.0000	46.6173	6.8	15.0
7	gamma-Chlordane	50.0000	47.2538	5.5	15.0
6	alpha-Chlordane	50.0000	46.3949	7.2	15.0
12	Endosulfan I	50.0000	47.8885	4.2	15.0
9	4,4'-DDE	50.0000	47.4071	5.2	15.0
11	Dieldrin	50.0000	47.2825	5.4	15.0
15	Endrin	50.0000	50.8279	1.7	15.0
8	4,4'-DDD	50.0000	46.7325	6.5	15.0
13	Endosulfan II	50.0000	46.9205	6.2	15.0
16	Endrin aldehyde	50.0000	44.6545	10.7	15.0
10	4,4'-DDT	50.0000	47.6623	4.7	15.0
14	Endosulfan sulfate	50.0000	46.5254	6.9	15.0
21	Methoxychlor	50.0000	47.1418	5.7	15.0
17	Endrin ketone	50.0000	46.6042	6.8	15.0
22	Mirex	50.0000	46.0159	8.0	15.0
23	Decachlorobiphenyl	50.0000	45.6088	8.8	15.0

Average %D = 5.94

Data File: /chem/GC_C.i/C121407-2.b/C#B-005f0501.d Page 1
Report Date: 18-Dec-2007 11:08

STL Denver

Data file : /chem/GC_C.i/C121407-2.b/C#B-005f0501.d
Lab Smp Id: AB L4 GSV137507
Inj Date : 14-DEC-2007 14:39
Operator : MPK Inst ID: GC_C.i
Smp Info : AB L4 GSV137507
Misc Info : Column 2-J&W 30m 0.32mm ID 0.5um df DB-XLB
Comment :
Method : /chem/GC_C.i/C121407-2.b/C_8081_2.m
Meth Date : 18-Dec-2007 11:08 kellisom Quant Type: ESTD
Cal Date : 06-DEC-2007 19:27 Cal File: C#B-020f2001.d
Als bottle: 5 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 1-INDAB.sub
Target Version: 3.50
Processing Host: chemsv04

	Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ng/ml)	AMOUNTS ON-COL (ng/ml)
$ 1	Tetrachloro-m-xylene	4.081	4.081	0.000	65886799	50.0000	46.322
3	alpha-BHC	4.408	4.408	0.000	95184214	50.0000	48.553
4	Hexachlorobenzene	4.464	4.464	0.000	72549622	50.0000	46.845
5	gamma-BHC (Lindane)	4.654	4.654	0.000	81606236	50.0000	47.185
6	beta-BHC	4.869	4.869	0.000	36444688	50.0000	46.811
8	delta-BHC	5.056	5.056	0.000	85834206	50.0000	48.404
9	Heptachlor	5.091	5.091	0.000	79019887	50.0000	47.020
12	Aldrin	5.358	5.358	0.000	80742809	50.0000	47.646
15	Heptachlor epoxide	5.787	5.787	0.000	72312536	50.0000	46.617
17	gamma-Chlordane	6.152	6.152	0.000	76474555	50.0000	47.254
18	alpha-Chlordane	6.210	6.210	0.000	73795228	50.0000	46.395
19	Endosulfan I	6.251	6.251	0.000	68731954	50.0000	47.888
20	4,4'-DDE	6.440	6.440	0.000	79266252	50.0000	47.407
22	Dieldrin	6.587	6.587	0.000	78158267	50.0000	47.282
24	Endrin	6.868	6.868	0.000	69961224	50.0000	50.828
26	4,4'-DDD	7.097	7.097	0.000	60501691	50.0000	46.732
27	Endosulfan II	7.204	7.204	0.000	64713248	50.0000	46.920
29	Endrin aldehyde	7.332	7.332	0.000	48735226	50.0000	44.654
30	4,4'-DDT	7.451	7.451	0.000	56162423	50.0000	47.662
31	Endosulfan sulfate	7.662	7.662	0.000	55777299	50.0000	46.525
32	Methoxychlor	7.969	7.969	0.000	26802831	50.0000	47.142
33	Endrin ketone	8.102	8.102	0.000	62532716	50.0000	46.604
34	Mirex	8.612	8.612	0.000	40938849	50.0000	46.016
$ 35	Decachlorobiphenyl	9.843	9.843	0.000	51791488	50.0000	45.609

Data File: /chem/GC_C.i/C121407-2.b/C#B-005f0501.d

Date : 14-DEC-2007 14:39

Client ID:

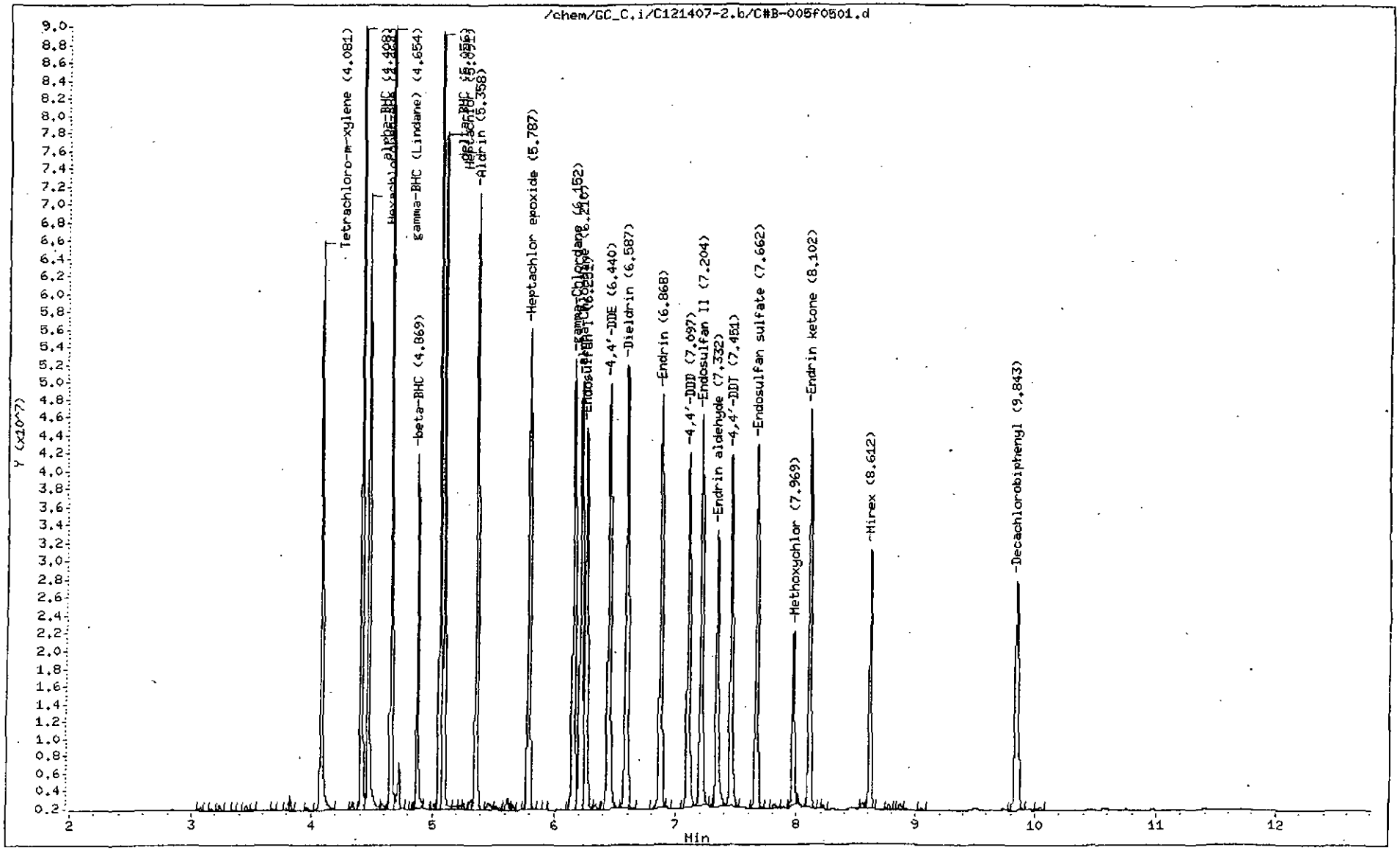
Sample Info: AB L4 GSV137507

Column phase: CLP-PEST I

Instrument: GC_C.i

Operator: MPK

Column diameter: 0.32



Data File: /chem/GC_C.i/C121407-1.b/C#A-006f0601.d
Report Date: 12/14/2007

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: GC_C.i
Injection Date: 14-DEC-2007 14:55
Lab File ID: C#A-006f0601.d
Lab Sample ID: TOX L1 GSV098507
Analysis Type: NONE
Method File: /chem/GC_C.i/C121407-1.b/C_8081_1.m

COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D
20 Toxaphene	200.0000	208.2527	4.1	15.0

Average %D = 4.13

Data File: /chem/GC_C.i/C121407-1.b/C#A-006f0601.d Page 1
Report Date: 18-Dec-2007 11:04

STL Denver

Data file : /chem/GC_C.i/C121407-1.b/C#A-006f0601.d
Lab Smp Id: TOX L1 GSV098507
Inj Date : 14-DEC-2007 14:55
Operator : MPK Inst ID: GC_C.i
Smp Info : TOX L1 GSV098507
Misc Info : Column 1-J&W 30m 0.32mm ID 0.25um df DB-35MS
Comment :
Method : /chem/GC_C.i/C121407-1.b/C_8081_1.m
Meth Date : 18-Dec-2007 11:04 kellisom Quant Type: ESTD
Cal Date : 06-DEC-2007 19:27 Cal File: C#A-020f2001.d
Als bottle: 6 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 3-TOXAPHENE.sub
Target Version: 3.50 Sample Matrix: None
Processing Host: chemsv04

			AMOUNTS				
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng/ml)	(ng/ml)	TARGET RANGE	RATIO
16 Toxaphene					CAS #: 8001-35-2		
4.902	4.902	0.000	466090	200.000	221.84	80.00- 120.00	100.00(M)
5.631	5.631	0.000	1418520	200.000	247.74	243.48- 365.21	304.34
6.292	6.292	0.000	1643832	200.000	211.29	282.15- 423.22	352.69
7.120	7.120	0.000	3204878	200.000	212.82	550.09- 825.13	687.61
8.024	8.024	0.000	1803843	200.000	147.57	309.61- 464.42	387.02
		Average of Peak Amounts =			208		

QC Flag Legend

M - Compound response manually integrated.

Data File: /chem/GC_C.i/C121407-1.b/C#A-006f0601.d
Date : 14-DEC-2007 14:55
Client ID:
Sample Info: TOX L1 GSV098507

Column phase: DB-35MS

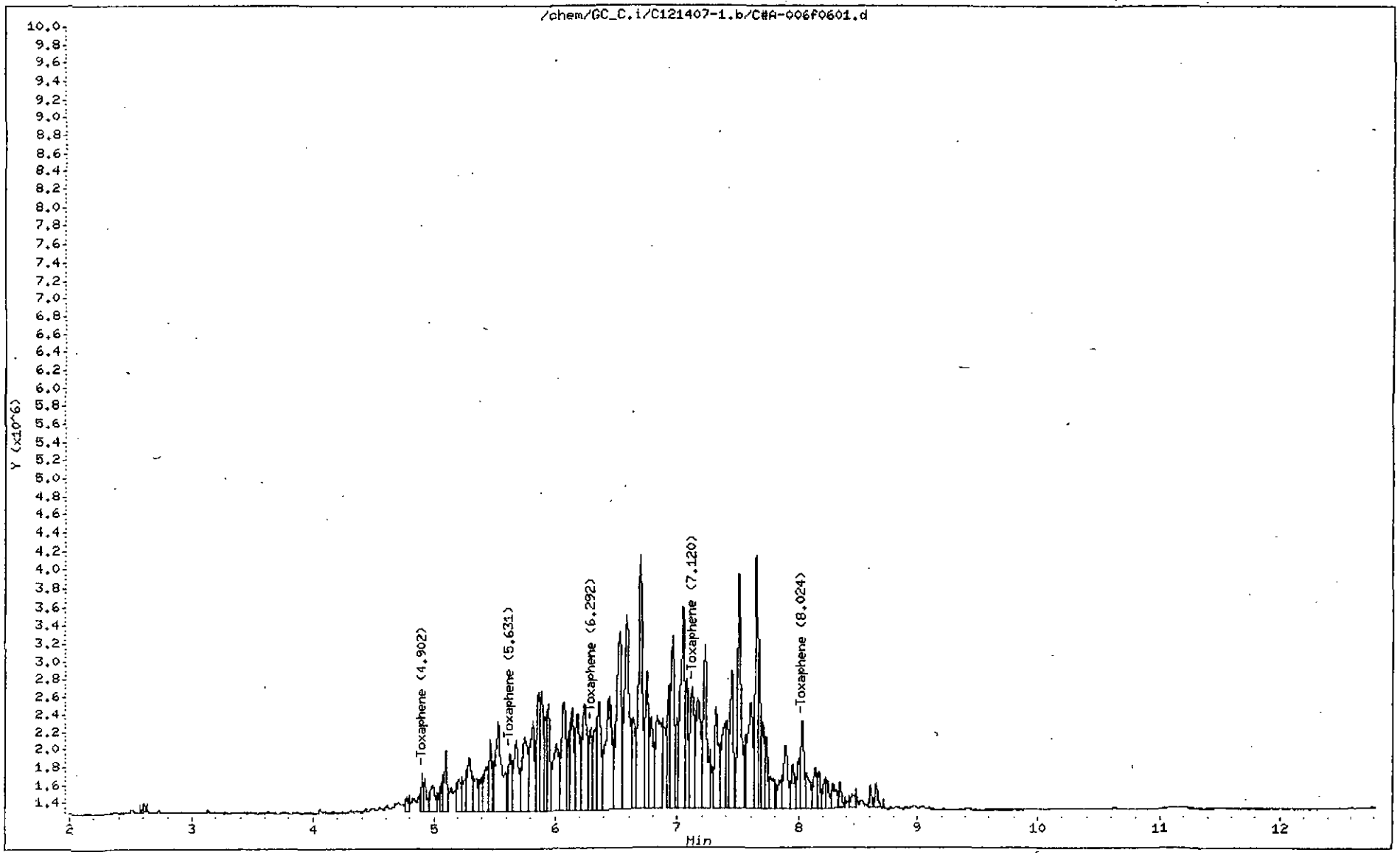
Instrument: GC_C.i

Operator: MPK
Column diameter: 0.32

BAS - Baseline Event

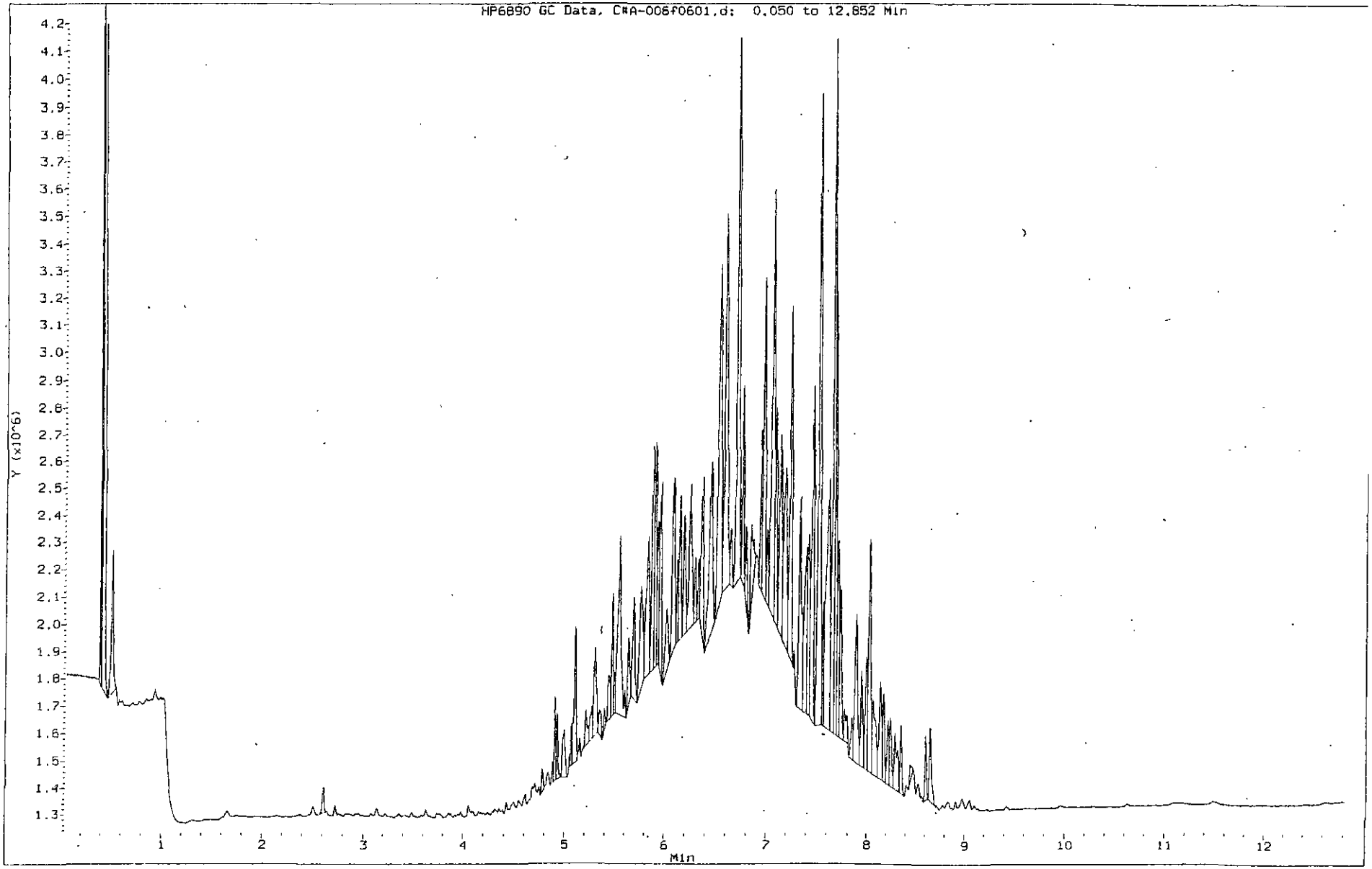
12/18/07 MPK

10/30/08



ORIGINAL

Data File: /chem/GC_C.i/C121407-1.b/C#A-006f0601.d
Injection Date: 14-DEC-2007 14:55
Instrument: GC_C.i
Client Sample ID:



Data File: /chem/GC_C.i/C121407-1.b/C#A-017f1701.d
Report Date: 12/17/2007

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: GC_C.i
Lab File ID: C#A-017f1701.d
Analysis Type: NONE

Injection Date: 14-DEC-2007 17:54
Lab Sample ID: AB L4 GSV137507
Method File: /chem/GC_C.i/C121407-1.b/C_8081_1.m

	COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D
22	Tetrachloro-m-xylene	50.0000	48.8232	2.4	15.0
127	Hexachlorobenzene	50.0000	51.3312	2.7	15.0
1	alpha-BHC	50.0000	54.3866	8.8	15.0
5	gamma-BHC (Lindane)	50.0000	50.8898	1.8	15.0
2	beta-BHC	50.0000	48.8876	2.2	15.0
17	Heptachlor	50.0000	52.5001	5.0	15.0
3	delta-BHC	50.0000	51.2391	2.5	15.0
10	Aldrin	50.0000	50.8051	1.6	15.0
18	Heptachlor epoxide	50.0000	50.7923	1.6	15.0
6	gamma-Chlordane	50.0000	49.1595	1.7	15.0
100	alpha-Chlordane	50.0000	49.2591	1.5	15.0
12	Endosulfan I	50.0000	49.6415	0.7	15.0
8	4,4'-DDE	50.0000	48.7689	2.5	15.0
57	Dieldrin	50.0000	49.8516	0.3	15.0
15	Endrin	50.0000	51.6707	3.3	15.0
7	4,4'-DDD	50.0000	50.5546	1.1	15.0
101	Endosulfan II	50.0000	48.0489	3.9	15.0
102	4,4'-DDT	50.0000	52.1600	4.3	15.0
16	Endrin aldehyde	50.0000	47.1078	5.8	15.0
14	Endosulfan sulfate	50.0000	48.2580	3.5	15.0
103	Methoxychlor	50.0000	56.2400	12.5	15.0
17	Endrin ketone	50.0000	50.1977	0.4	15.0
106	Mirex	50.0000	50.0660	0.1	15.0
21	Decachlorobiphenyl	50.0000	49.1810	1.6	15.0

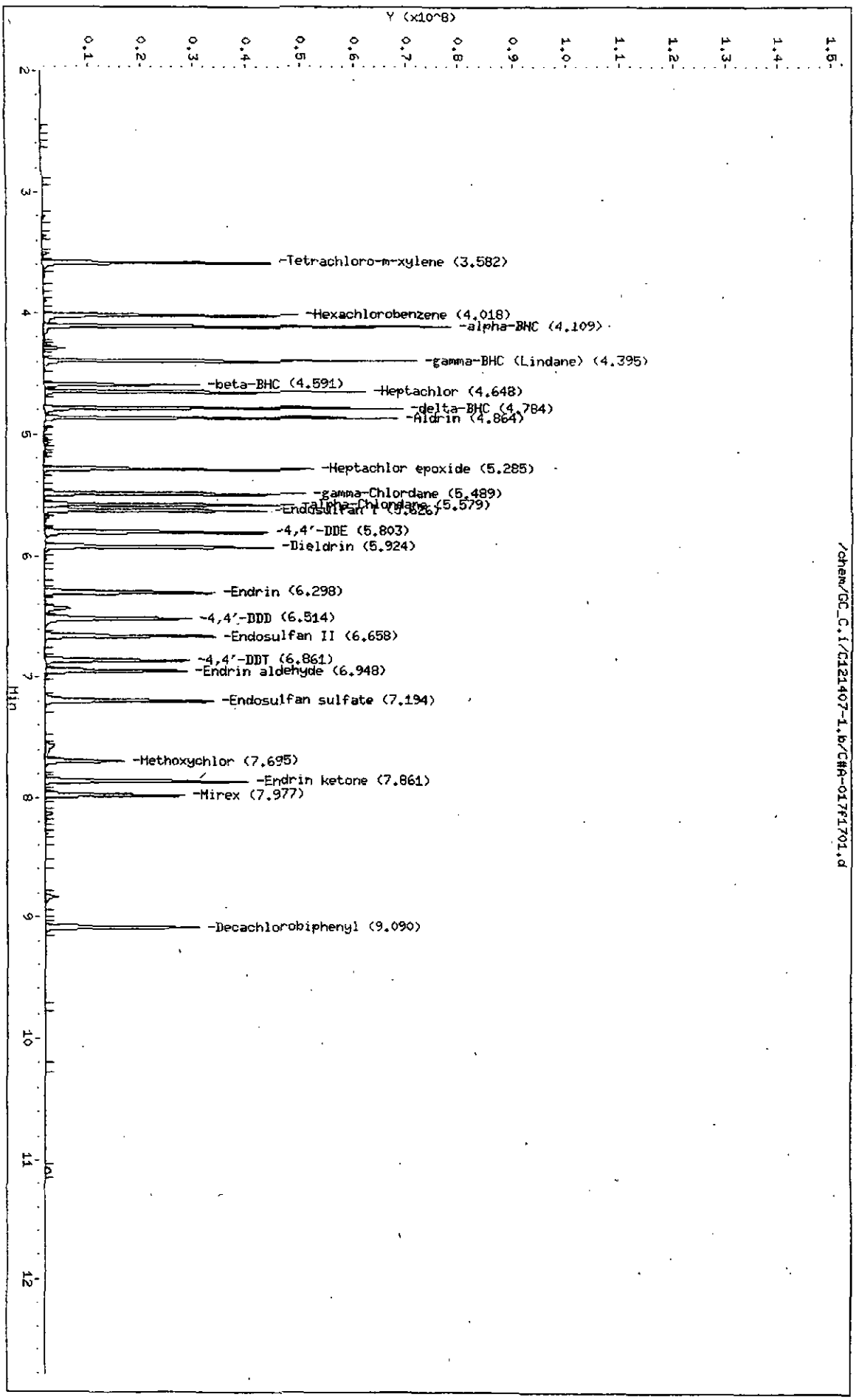
Average %D = 2.99

Data File: /chem/GC_C.i/C121407-1.b/C#A-017f1701.d Page 1
Report Date: 18-Dec-2007 11:06

STL Denver

Data file : /chem/GC_C.i/C121407-1.b/C#A-017f1701.d
Lab Smp Id: AB L4 GSV137507
Inj Date : 14-DEC-2007 17:54
Operator : MPK Inst ID: GC_C.i
Smp Info : AB L4 GSV137507
Misc Info : Column 1-J&W 30m 0.32mm ID 0.25um df DB-35MS
Comment :
Method : /chem/GC_C.i/C121407-1.b/C_8081_1.m
Meth Date : 18-Dec-2007 11:06 kellisom Quant Type: ESTD
Cal Date : 06-DEC-2007 19:27 Cal File: C#A-020f2001.d
Als bottle: 17 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 1-INDAB.sub
Target Version: 3.50
Processing Host: chemsv04

	Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ng/ml)	AMOUNTS ON-COL (ng/ml)
$	1 Tetrachloro-m-xylene	3.582	3.582	0.000	46229459	50.0000	48.823
	3 Hexachlorobenzene	4.018	4.017	0.001	50432542	50.0000	51.331
	4 alpha-BHC	4.109	4.108	0.001	71084906	50.0000	54.387
	5 gamma-BHC (Lindane)	4.395	4.394	0.001	62272372	50.0000	50.890
	7 beta-BHC	4.591	4.591	0.000	26280995	50.0000	48.888
	8 Heptachlor	4.648	4.648	0.000	52609337	50.0000	52.500
	9 delta-BHC	4.784	4.783	0.001	64426775	50.0000	51.239
	10 Aldrin	4.864	4.864	0.000	60331792	50.0000	50.805
	13 Heptachlor epoxide	5.285	5.285	0.000	52685974	50.0000	50.792
	14 gamma-Chlordane	5.489	5.488	0.001	54785178	50.0000	49.159
	17 alpha-Chlordane	5.579	5.579	0.000	54119408	50.0000	49.259
	18 Endosulfan I	5.626	5.625	0.001	50745027	50.0000	49.642
	19 4,4'-DDE	5.803	5.802	0.001	56402861	50.0000	48.769
	20 Dieldrin	5.924	5.923	0.001	56691885	50.0000	49.852
	23 Endrin	6.298	6.297	0.001	48368582	50.0000	51.671
	26 4,4'-DDD	6.514	6.512	0.002	44648789	50.0000	50.554
	27 Endosulfan II	6.658	6.657	0.001	45969721	50.0000	48.049
	28 4,4'-DDT	6.861	6.859	0.002	39391804	50.0000	52.160
	29 Endrin aldehyde	6.948	6.947	0.001	37963778	50.0000	47.108
	30 Endosulfan sulfate	7.194	7.195	-0.001	45645644	50.0000	48.258
	31 Methoxychlor	7.695	7.695	0.000	21654993	50.0000	56.240
	32 Endrin ketone	7.861	7.861	0.000	50033227	50.0000	50.198
	33 Mirex	7.977	7.976	0.001	35536434	50.0000	50.066
$	34 Decachlorobiphenyl	9.090	9.091	-0.001	42979444	50.0000	49.181



Data File: /chem/GC_C.i/C121407-1.b/C#A-017f1701.d
Date : 14-DEC-2007 17:54
Client ID:
Sample Info: AB L4 GSV137507
Column phase: DB-35MS

Instrument: GC_C.i
Operator: MPK
Column diameter: 0.32

Data File: /chem/GC_C.i/C121407-2.b/C#B-017f1701.d
Report Date: 12/17/2007

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: GC_C.i
Lab File ID: C#B-017f1701.d
Analysis Type: NONE

Injection Date: 14-DEC-2007 17:54
Lab Sample ID: AB L4 GSV137507
Method File: /chem/GC_C.i/C121407-2.b/C_8081_2.m

	COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D
24	Tetrachloro-m-xylene	50.0000	46.6657	6.7	15.0
2	alpha-BHC	50.0000	48.6818	2.6	15.0
133	Hexachlorobenzene	50.0000	47.2861	5.4	15.0
5	gamma-BHC (Lindane)	50.0000	47.3398	5.3	15.0
3	beta-BHC	50.0000	48.3493	3.3	15.0
4	delta-BHC	50.0000	48.5237	3.0	15.0
122	Heptachlor	50.0000	48.4251	3.1	15.0
1	Aldrin	50.0000	48.3570	3.3	15.0
19	Heptachlor epoxide	50.0000	47.4558	5.1	15.0
7	gamma-Chlordane	50.0000	48.4296	3.1	15.0
6	alpha-Chlordane	50.0000	47.3700	5.3	15.0
12	Endosulfan I	50.0000	48.2279	3.5	15.0
9	4,4'-DDE	50.0000	47.6986	4.6	15.0
11	Dieldrin	50.0000	47.9612	4.1	15.0
15	Endrin	50.0000	50.7637	1.5	15.0
8	4,4'-DDD	50.0000	47.6330	4.7	15.0
13	Endosulfan II	50.0000	50.8407	1.7	15.0
16	Endrin aldehyde	50.0000	46.2032	7.6	15.0
10	4,4'-DDT	50.0000	49.6864	0.6	15.0
14	Endosulfan sulfate	50.0000	47.5359	4.9	15.0
21	Methoxychlor	50.0000	49.8261	0.3	15.0
17	Endrin ketone	50.0000	48.4370	3.1	15.0
22	Mirex	50.0000	45.6823	8.6	15.0
23	Decachlorobiphenyl	50.0000	46.1547	7.7	15.0

Average %D = 4.14

Data File: /chem/GC_C.i/C121407-2.b/C#B-017f1701.d Page 1
Report Date: 18-Dec-2007 11:09

STL Denver

Data file : /chem/GC_C.i/C121407-2.b/C#B-017f1701.d
Lab Smp Id: AB L4 GSV137507
Inj Date : 14-DEC-2007 17:54
Operator : MPK Inst ID: GC_C.i
Smp Info : AB L4 GSV137507
Misc Info : Column 2-J&W 30m 0.32mm ID 0.5um df DB-XLB
Comment :
Method : /chem/GC_C.i/C121407-2.b/C_8081_2.m
Meth Date : 18-Dec-2007 11:09 kellisom Quant Type: ESTD
Cal Date : 06-DEC-2007 19:27 Cal File: C#B-020f2001.d
Als bottle: 17 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 1-INDAB.sub
Target Version: 3.50
Processing Host: chemsv04

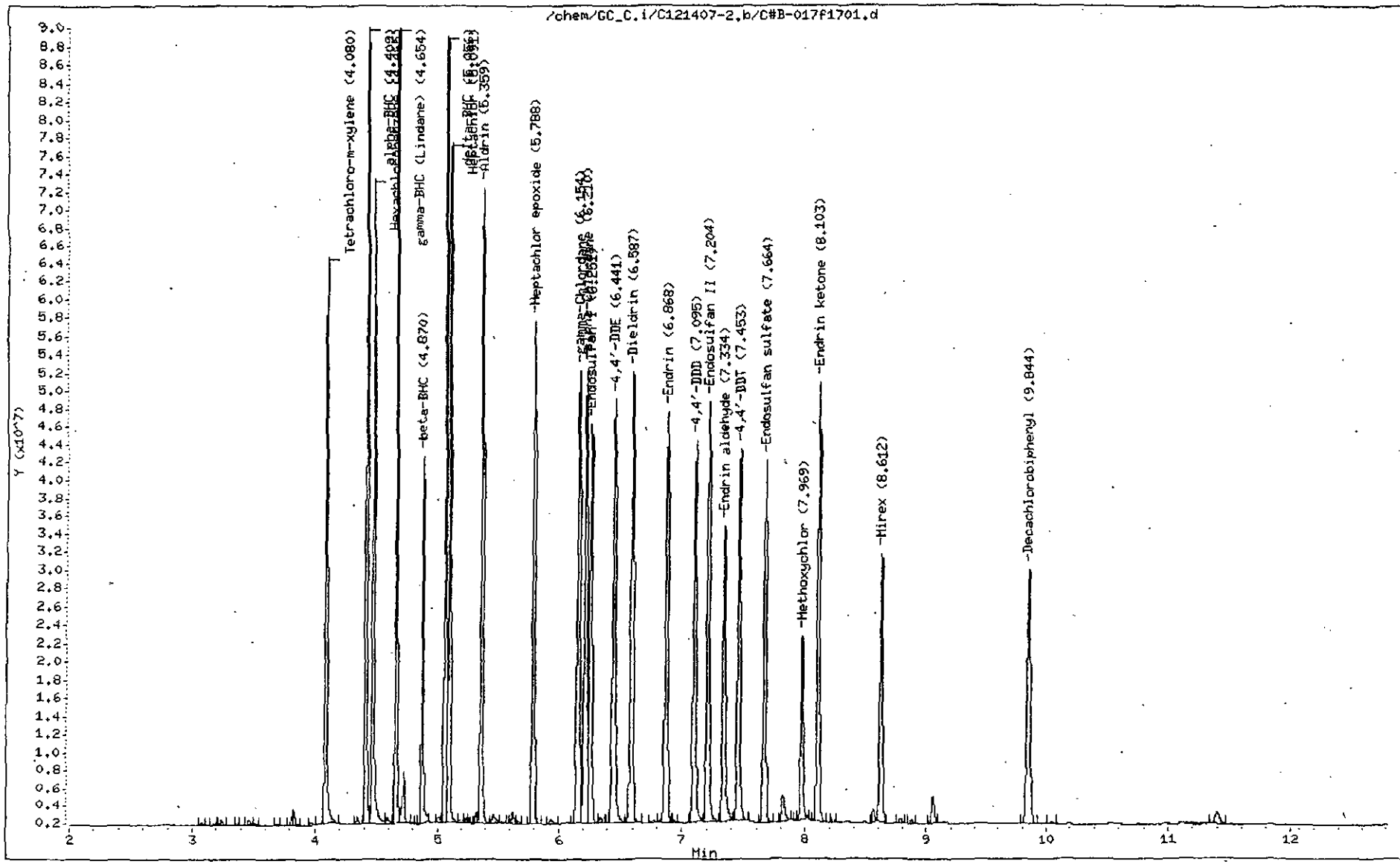
	Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ng/ml)	ON-COL (ng/ml)
$ 1	Tetrachloro-m-xylene	4.080	4.081	-0.001	66375032	50.0000	46.666
3	alpha-BHC	4.409	4.408	0.001	95436283	50.0000	48.682
4	Hexachlorobenzene	4.465	4.464	0.001	73240304	50.0000	47.286
5	gamma-BHC (Lindane)	4.654	4.654	0.000	81874106	50.0000	47.340
6	beta-BHC	4.870	4.869	0.001	37642612	50.0000	48.349
8	delta-BHC	5.056	5.056	0.000	86046437	50.0000	48.524
9	Heptachlor	5.091	5.091	0.000	81380648	50.0000	48.425
12	Aldrin	5.359	5.358	0.001	81947381	50.0000	48.357
15	Heptachlor epoxide	5.788	5.787	0.001	73613670	50.0000	47.456
17	gamma-Chlordane	6.154	6.152	0.002	78377374	50.0000	48.430
18	alpha-Chlordane	6.210	6.210	0.000	75346244	50.0000	47.370
19	Endosulfan I	6.251	6.251	0.000	69215643	50.0000	48.228
20	4,4'-DDE	6.441	6.440	0.001	79753578	50.0000	47.699
22	Dieldrin	6.587	6.587	0.000	79280320	50.0000	47.961
24	Endrin	6.868	6.868	0.000	69872862	50.0000	50.764
26	4,4'-DDD	7.095	7.097	-0.002	61667458	50.0000	47.633
27	Endosulfan II	7.204	7.204	0.000	70041079	50.0000	50.841
29	Endrin aldehyde	7.334	7.332	0.002	50408476	50.0000	46.203
30	4,4'-DDT	7.453	7.451	0.002	58547496	50.0000	49.686
31	Endosulfan sulfate	7.664	7.662	0.002	56976361	50.0000	47.536
32	Methoxychlor	7.969	7.969	0.000	28329038	50.0000	49.826
33	Endrin ketone	8.103	8.102	0.001	64964165	50.0000	48.437
34	Mirex	8.612	8.612	0.000	40648973	50.0000	45.682
$ 35	Decachlorobiphenyl	9.844	9.843	0.001	52397344	50.0000	46.155

Data File: /chem/GC_C.i/C121407-2.b/C#B-017f1701.d
Date : 14-DEC-2007 17:54
Client ID:
Sample Info: AB L4 GSV137507

Column phase: CLP-PEST I

Instrument: GC_C.i

Operator: MPK
Column diameter: 0.32



Data File: /chem/GC_C.i/C121407-1.b/C#A-018f1801.d
Report Date: 12/17/2007

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: GC_C.i
Injection Date: 14-DEC-2007 18:11
Lab File ID: C#A-018f1801.d
Lab Sample ID: TOX L1 GSV098507
Analysis Type: NONE
Method File: /chem/GC_C.i/C121407-1.b/C_8081_1.m

COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D
20 Toxaphene	200.0000	202.3289	1.3	15.0

Average %D = 1.26

Data File: /chem/GC_C.i/C121407-1.b/C#A-018f1801.d Page 1
Report Date: 18-Dec-2007 11:06

STL Denver

Data file : /chem/GC_C.i/C121407-1.b/C#A-018f1801.d
Lab Smp Id: TOX L1 GSV098507
Inj Date : 14-DEC-2007 18:11
Operator : MPK Inst ID: GC_C.i
Smp Info : TOX L1 GSV098507
Misc Info : Column 1-J&W 30m 0.32mm ID 0.25um df DB-35MS
Comment :
Method : /chem/GC_C.i/C121407-1.b/C_8081_1.m
Meth Date : 18-Dec-2007 11:06 kellisom Quant Type: ESTD
Cal Date : 06-DEC-2007 19:27 Cal File: C#A-020f2001.d
Als bottle: 18 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 3-TOXAPHENE.sub
Target Version: 3.50 Sample Matrix: None
Processing Host: chemsv04

				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ng/ml)	(ng/ml)	TARGET RANGE		RATIO
16 Toxaphene					CAS #: 8001-35-2			
4.901	4.902	-0.001	474992	200.000	226.07	80.00-	120.00	100.00(M)
5.628	5.631	-0.003	1302117	200.000	227.42	219.31-	328.96	274.13
6.290	6.292	-0.002	1547665	200.000	198.93	260.66-	391.00	325.83
7.119	7.120	-0.001	3145472	200.000	208.87	529.77-	794.66	662.22
8.025	8.024	0.001	1850040	200.000	151.35	311.59-	467.39	389.49
Average of Peak Amounts =					203			

QC Flag Legend

M - Compound response manually integrated.

450/584

Data File: /chem/GC_C.i/C121407-1.b/C#A-018f1801.d
Date : 14-DEC-2007 18:11
Client ID:
Sample Info: TOX L1 GSV098507

Column phase: DB-35MS

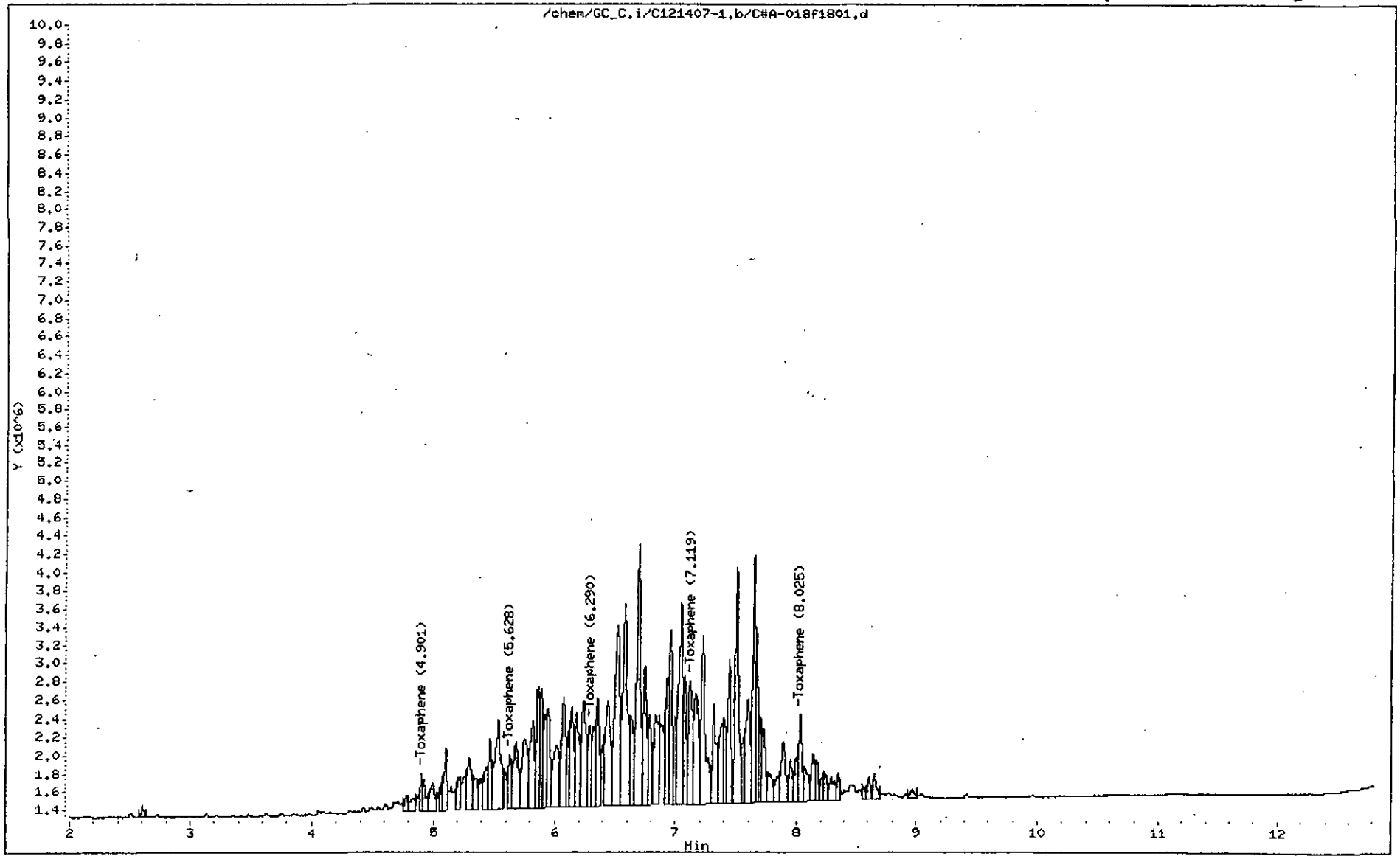
Instrument: GC_C.i

Operator: MPK
Column diameter: 0.32

BAS - Baseline Event

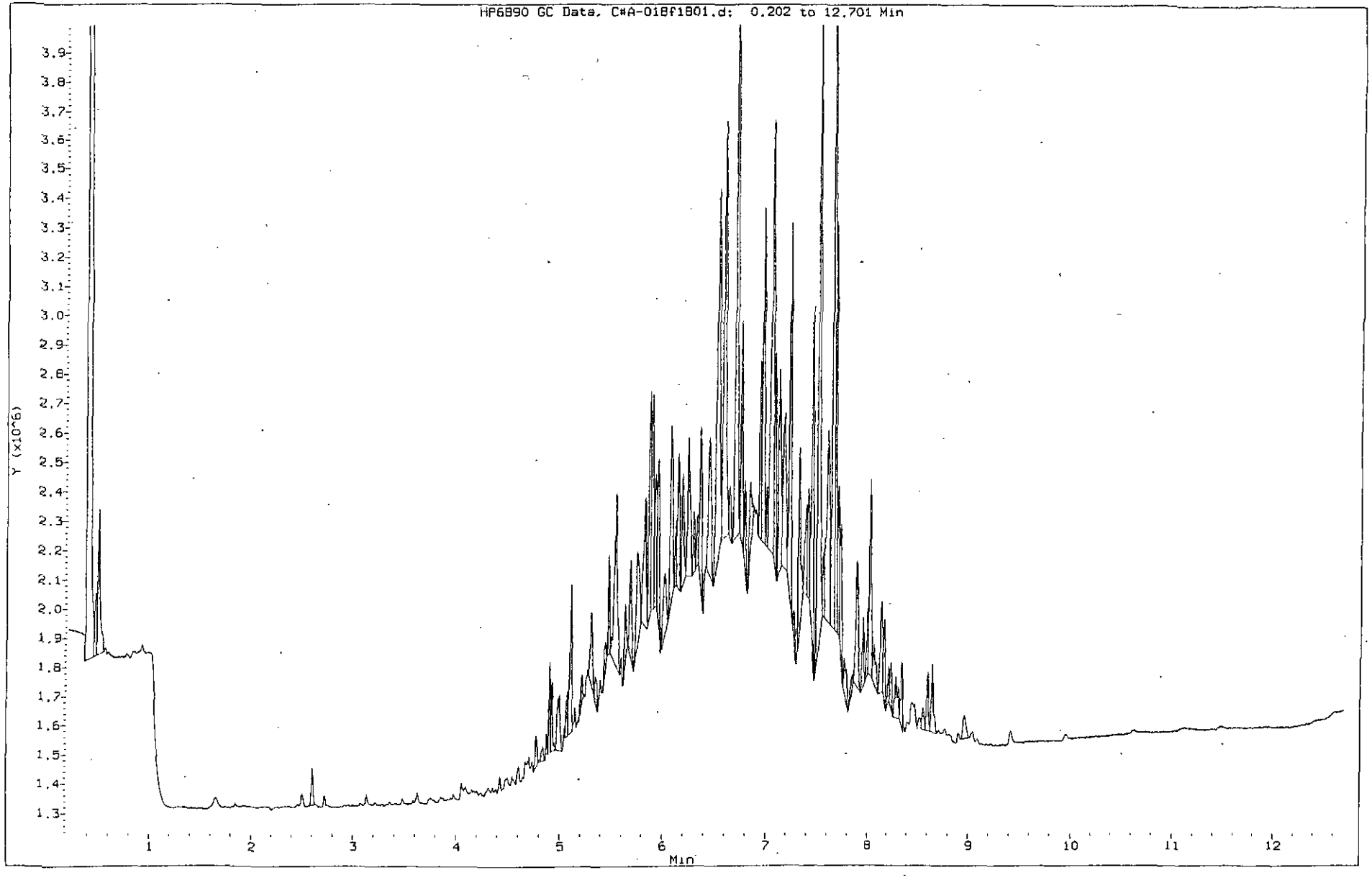
12/18/07 MPK

6/20/07



ORIGINAL

Data File: /chem/GC_C.i/C121407-1.b/C#A-018f1801.d
Injection Date: 14-DEC-2007 18:11
Instrument: GC_C.i
Client Sample ID:



GC SEMIVOLATILE SAMPLE DATA

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Data File: /chem/GC_C.i/C121407-1.b/C#A-010f1001.d Page 1
Report Date: 18-Dec-2007 11:05

STL Denver

Data file : /chem/GC_C.i/C121407-1.b/C#A-010f1001.d
Lab Smp Id: KDPL31AA Client Smp ID: INTRA-LAB BLANK
Inj Date : 14-DEC-2007 16:00
Operator : MPK Inst ID: GC_C.i
Smp Info : KDPL31AA,BLK
Misc Info : Column 1-J&W 30m 0.32mm ID 0.25um df DB-35MS
Comment :
Method : /chem/GC_C.i/C121407-1.b/C_8081_1.m
Meth Date : 18-Dec-2007 11:04 kellisom Quant Type: ESTD
Cal Date : 06-DEC-2007 19:27 Cal File: C#A-020f2001.d
Als bottle: 10 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 1-ALLCOMP.sub
Target Version: 3.50
Processing Host: chemsv04

Concentration Formula: Amt * DF * Uf * (Vf / Vs) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	0.00100	Unit Correction Factor (ug/ng)
Vf	10000.00000	Final Extract Volume (uL)
Vs	1000.00000	Volume of Sample Extracted (mL)

Cpnd Variable Local Compound Variable

	Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng/ml)	CONCENTRATIONS FINAL (ug/L)
$ 1	Tetrachloro-m-xylene	3.583	3.582	0.001	13493738	14.2508	0.14251
2	Diallate	Compound Not Detected.					
3	Hexachlorobenzene	4.005	4.017	-0.012	358449	1.29005	0.012900(a)
4	alpha-BHC	Compound Not Detected.					
5	gamma-BHC (Lindane)	Compound Not Detected.					
6	Technical Chlordane	Compound Not Detected.					
7	beta-BHC	Compound Not Detected.					
8	Heptachlor	Compound Not Detected.					
9	delta-BHC	Compound Not Detected.					
10	Aldrin	Compound Not Detected.					
11	Chlorpyrifos	Compound Not Detected.					
12	Isodrin/Dicofol	Compound Not Detected.					
13	Heptachlor epoxide	Compound Not Detected.					
14	gamma-Chlordane	Compound Not Detected.					

CL 12/20/07

Data File: /chem/GC_C.i/C121407-1.b/C#A-010f1001.d
Report Date: 18-Dec-2007 11:05

	Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng/ml)	CONCENTRATIONS FINAL (ug/L)
15	2,4'-DDE	Compound Not Detected.					
16	Toxaphene	Compound Not Detected.					
17	alpha-Chlordane	Compound Not Detected.					
18	Endosulfan I	Compound Not Detected.					
19	4,4'-DDE	Compound Not Detected.					
20	Dieldrin	Compound Not Detected.					
21	2,4'-DDD	Compound Not Detected.					
22	Chlorobenzilate	Compound Not Detected.					
23	Endrin	Compound Not Detected.					
24	2,4'-DDT	Compound Not Detected.					
25	Kepone	Compound Not Detected.					
26	4,4'-DDD	Compound Not Detected.					
27	Endosulfan II	Compound Not Detected.					
28	4,4'-DDT	Compound Not Detected.					
29	Endrin aldehyde	Compound Not Detected.					
30	Endosulfan sulfate	Compound Not Detected.					
31	Methoxychlor	Compound Not Detected.					
32	Endrin ketone	Compound Not Detected.					
33	Mirex	Compound Not Detected.					
$ 34	Decachlorobiphenyl	9.091	9.091	0.000	16756030	18.7465	0.18746
35	DBPP	Compound Not Detected.					

QC Flag Legend

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

Data File: /chem/GC_C.i/C121407-1.b/C#A-010f1001.d Page 3
Report Date: 18-Dec-2007 11:05

STL Denver

RECOVERY REPORT

Client Name: Client SDG: D7L070000
Sample Matrix: LIQUID Fraction: pest
Lab Smp Id: KDPL31AA Client Smp ID: INTRA-LAB BLANK
Level: LOW Operator: MPK
Data Type: GC MULTI COMP SampleType: BLANK
SpikeList File: 8081_SOIL.spk Quant Type: ESTD
Sublist File: 1-ALLCOMP.sub
Method File: /chem/GC_C.i/C121407-1.b/C_8081_1.m
Misc Info: Column 1-J&W 30m 0.32mm ID 0.25um df DB-35MS

SURROGATE COMPOUND	CONC ADDED ug/L	CONC RECOVERED ug/L	% RECOVERED	LIMITS
$ 1 Tetrachloro-m-xyle	0.20000	0.14251	71.25	49-111
$ 34 Decachlorobiphenyl	0.20000	0.18746	93.73	56-136

Data File: /chem/GC_C.i/C121407-1.b/C#A-010f1001.d

Page 4

Date : 14-DEC-2007 16:00

Client ID: INTRA-LAB BLANK

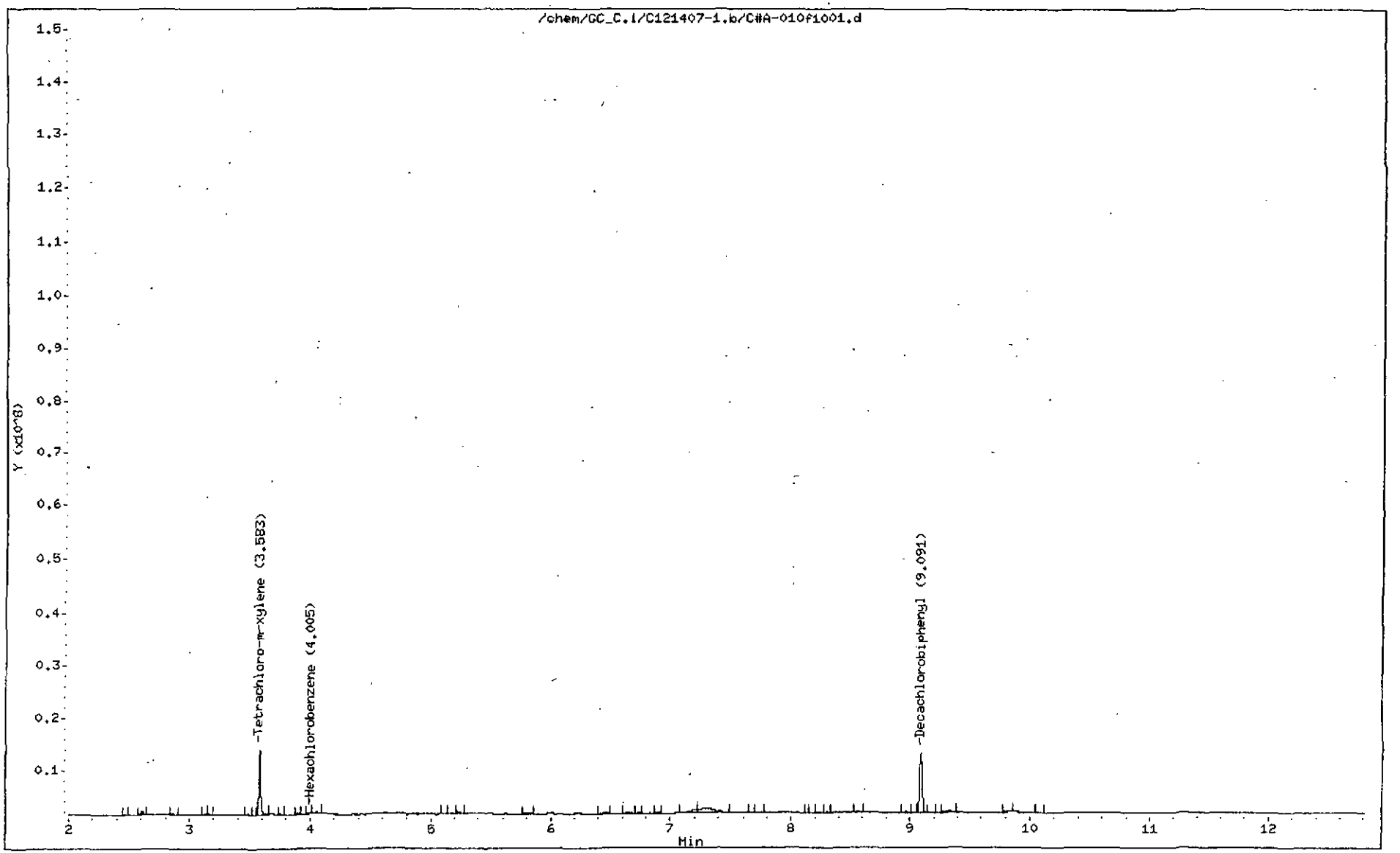
Instrument: GC_C.i

Sample Info: KDPL31AA,BLK

Operator: HPK

Column phase: DB-35MS

Column diameter: 0.32



Data File: /chem/GC_C.i/C121407-2.b/C#B-010f1001.d Page 1
Report Date: 18-Dec-2007 11:09

STL Denver

Data file : /chem/GC_C.i/C121407-2.b/C#B-010f1001.d
Lab Smp Id: KDPL31AA Client Smp ID: INTRA-LAB BLANK
Inj Date : 14-DEC-2007 16:00
Operator : MPK Inst ID: GC_C.i
Smp Info : KDPL31AA,BLK
Misc Info : Column 2-J&W 30m 0.32mm ID 0.5um df DB-XLB
Comment :
Method : /chem/GC_C.i/C121407-2.b/C_8081_2.m
Meth Date : 18-Dec-2007 11:08 kellisom Quant Type: ESTD
Cal Date : 06-DEC-2007 19:27 Cal File: C#B-020f2001.d
Als bottle: 10 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 1-ALLCOMP.sub
Target Version: 3.50
Processing Host: chemsv04

Concentration Formula: Amt * DF * Uf * (Vf/Vs) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	0.00100	Unit Correction Factor (ug/ng)
Vf	10000.00000	Final Volume (uL)
Vs	1000.00000	Volume of Sample Extract (mL)

Cpnd Variable Local Compound Variable

	Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng/ml)	CONCENTRATIONS FINAL (ug/L)
$ 1	Tetrachloro-m-xylene	4.080	4.081	-0.001	18676163	13.1305	0.13130
2	Diallate	Compound Not Detected.					
3	alpha-BHC	Compound Not Detected.					
4	Hexachlorobenzene	Compound Not Detected.					
5	gamma-BHC (Lindane)	Compound Not Detected.					
6	beta-BHC	Compound Not Detected.					
7	Technical Chlordane	Compound Not Detected.					
8	delta-BHC	Compound Not Detected.					
9	Heptachlor	Compound Not Detected.					
10	chlorpyrifos	Compound Not Detected.					
11	Toxaphene	Compound Not Detected.					
12	Aldrin	Compound Not Detected.					
13	Dicofol	Compound Not Detected.					
14	Isodrin	Compound Not Detected.					

Data File: /chem/GC_C.i/C121407-2.b/C#B-010f1001.d Page 2
Report Date: 18-Dec-2007 11:09

	Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng/ml)	CONCENTRATIONS FINAL (ug/L)
	15 Heptachlor epoxide	Compound Not Detected.					
	16 2,4'-DDE	Compound Not Detected.					
	17 gamma-Chlordane	Compound Not Detected.					
	18 alpha-Chlordane	Compound Not Detected.					
	19 Endosulfan I	Compound Not Detected.					
	20 4,4'-DDE	Compound Not Detected.					
	21 2,4'-DDD	Compound Not Detected.					
	22 Dieldrin	Compound Not Detected.					
	23 Chlorobenzilate	Compound Not Detected.					
	24 Endrin	Compound Not Detected.					
	25 2,4'-DDT	Compound Not Detected.					
	26 4,4'-DDD	Compound Not Detected.					
	27 Endosulfan II	Compound Not Detected.					
	28 Kepone	Compound Not Detected.					
	29 Endrin aldehyde	Compound Not Detected.					
	30 4,4'-DDT	Compound Not Detected.					
	31 Endosulfan sulfate	Compound Not Detected.					
	32 Methoxychlor	Compound Not Detected.					
	33 Endrin ketone	Compound Not Detected.					
	34 Mirex	Compound Not Detected.					
$	35 Decachlorobiphenyl	9.843	9.843	0.000	20977524	17.8471	0.17847
	36 DBBP	Compound Not Detected.					

Data File: /chem/GC_C.i/C121407-2.b/C#B-010f1001.d Page 3
Report Date: 18-Dec-2007 11:09

STL Denver

RECOVERY REPORT

Client Name: Client SDG: D7L070000
Sample Matrix: LIQUID Fraction: pest
Lab Smp Id: KDPL31AA Client Smp ID: INTRA-LAB BLANK
Level: LOW Operator: MPK
Data Type: GC MULTI COMP SampleType: BLANK
SpikeList File: 8081_SOIL.spk Quant Type: ESTD
Sublist File: 1-ALLCOMP.sub
Method File: /chem/GC_C.i/C121407-2.b/C_8081_2.m
Misc Info: Column 2-J&W 30m 0.32mm ID 0.5um df DB-XLB

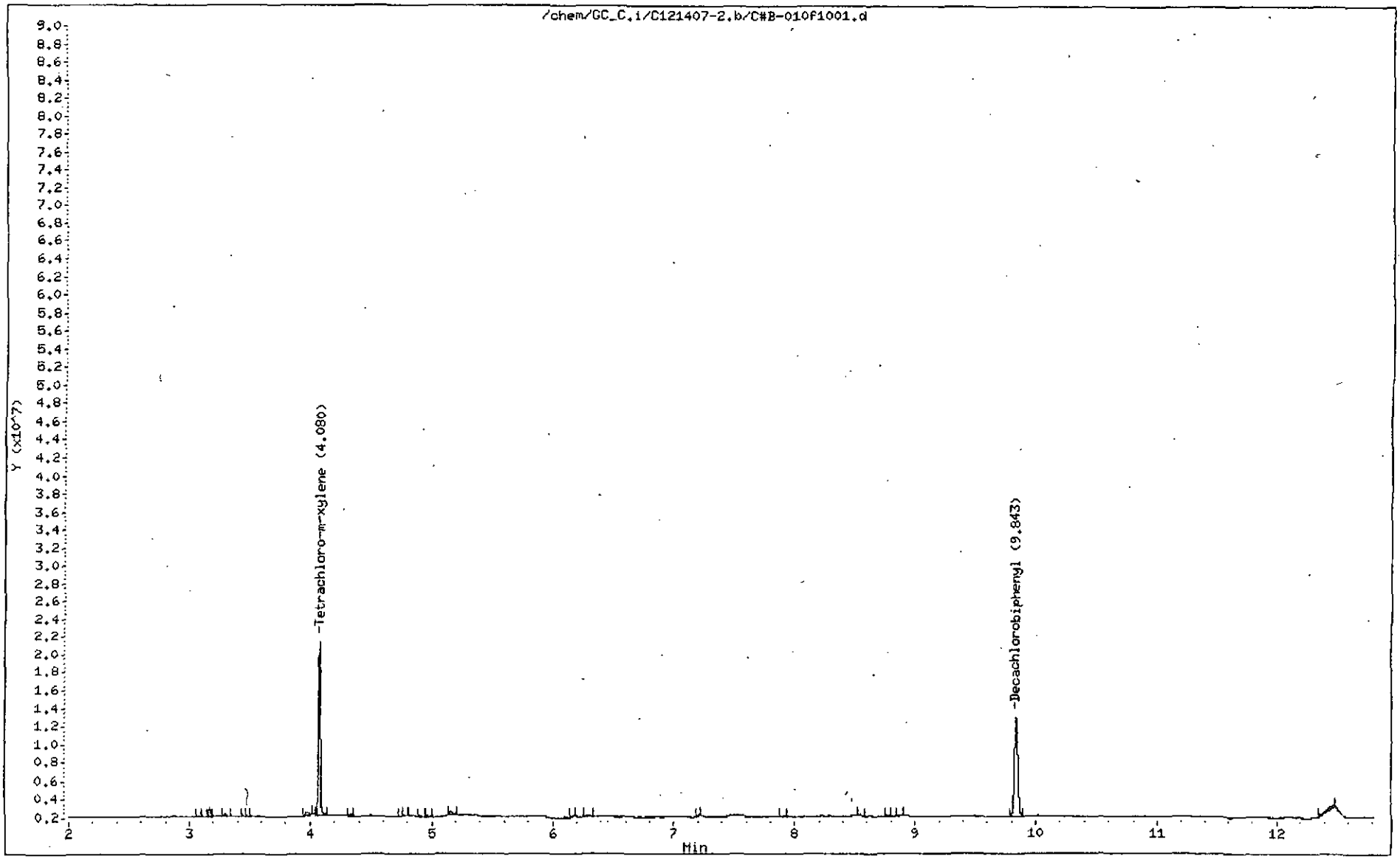
SURROGATE COMPOUND	CONC ADDED ug/L	CONC RECOVERED ug/L	% RECOVERED	LIMITS
$ 1 Tetrachloro-m-xyle	0.20000	0.13130	65.65	49-111
$ 35 Decachlorobiphenyl	0.20000	0.17847	89.24	56-136

Data File: /chem/GC_C.i/C121407-2.b/C#B-010f1001.d
Date : 14-DEC-2007 16:00
Client ID: INTRA-LAB BLANK
Sample Info: KBPL31AA,BLK

Instrument: GC_C.i

Operator: MPK
Column diameter: 0.32

Column phase: CLP-PEST I



Data File: /chem/GC_C.i/C121407-1.b/C#A-007f0701.d Page 1
Report Date: 18-Dec-2007 11:04

STL Denver

Data file : /chem/GC_C.i/C121407-1.b/C#A-007f0701.d
Lab Smp Id: KDPL31AD Client Smp ID: INTRA-LAB CHECK
Inj Date : 14-DEC-2007 15:11
Operator : MPK Inst ID: GC_C.i
Smp Info : KDPL31AD,LCS
Misc Info : Column 1-J&W 30m 0.32mm ID 0.25um df DB-35MS
Comment :
Method : /chem/GC_C.i/C121407-1.b/C_8081_1.m
Meth Date : 18-Dec-2007 11:04 kellisom Quant Type: ESTD
Cal Date : 06-DEC-2007 19:27 Cal File: C#A-020f2001.d
Als bottle: 7 QC Sample: LCS
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 1-ALLCOMP.sub
Target Version: 3.50
Processing Host: chemsv04

Concentration Formula: Amt * DF * Uf * (Vf / Vs) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	0.00100	Unit Correction Factor (ug/ng)
Vf	10000.00000	Final Extract Volume (uL)
Vs	1000.00000	Volume of Sample Extracted (mL)

Cpnd Variable Local Compound Variable

	Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng/ml)	CONCENTRATIONS FINAL (ug/L)
$ 1	Tetrachloro-m-xylene	3.583	3.582	0.001	13214123	13.9555	0.13956
2	Diallate	Compound Not Detected.					
3	Hexachlorobenzene	Compound Not Detected.					
4	alpha-BHC	4.108	4.108	0.000	57757840	44.1902	0.44190
5	gamma-BHC (Lindane)	4.394	4.394	0.000	53405254	43.6435	0.43644
6	Technical Chlordane	0.000	4.519	-4.519	0	281.734	2.8173(q)
7	beta-BHC	4.591	4.591	0.000	24475941	45.5080	0.45508
8	Heptachlor	4.648	4.648	0.000	41856127	41.7692	0.41769
9	delta-BHC	4.783	4.783	0.000	55493870	44.1347	0.44135
10	Aldrin	4.864	4.864	0.000	47682138	40.1529	0.40153
11	Chlorpyrifos	Compound Not Detected.					
12	Isodrin/Dicofol	Compound Not Detected.					
13	Heptachlor epoxide	5.285	5.285	0.000	45594473	43.9557	0.43956
14	gamma-Chlordane	5.489	5.488	0.001	47146112	42.3048	0.42305
15	2,4'-DDE	Compound Not Detected.					

CL 12/20/07

Data File: /chem/GC_C.i/C121407-1.b/C#A-007f0701.d
Report Date: 18-Dec-2007 11:04

	Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng/ml)	FINAL (ug/L)
16	Toxaphene	Compound Not Detected.					
17	alpha-Chlordane	5.579	5.579	0.000	46934658	42.7196	0.42720
18	Endosulfan I	5.626	5.625	0.001	42124055	41.2080	0.41208
19	4,4'-DDE	5.803	5.802	0.001	50391347	43.5710	0.43571
20	Dieldrin	5.924	5.923	0.001	49508581	43.5350	0.43535
21	2,4'-DDD	6.024	6.023	0.001	611888	0.46721	0.0046721(a)
22	Chlorobenzilate	Compound Not Detected.					
23	Endrin	6.297	6.297	0.000	43818726	46.8102	0.46810
24	2,4'-DDT	Compound Not Detected.					
25	Kepone	Compound Not Detected.					
26	4,4'-DDD	6.513	6.512	0.001	38329097	43.3990	0.43399
27	Endosulfan II	6.658	6.657	0.001	38232100	39.9613	0.39961
28	4,4'-DDT	6.859	6.859	0.000	33998172	45.0181	0.45018
29	Endrin aldehyde	6.948	6.947	0.001	33393135	41.4363	0.41436
30	Endosulfan sulfate	7.194	7.195	-0.001	37958371	40.1308	0.40131
31	Methoxychlor	7.696	7.695	0.001	17298592	44.8788	0.44879
32	Endrin ketone	7.861	7.861	0.000	42058088	42.1963	0.42196
33	Mirex	Compound Not Detected.					
$ 34	Decachlorobiphenyl	9.092	9.091	0.001	16182259	18.0806	0.18081
35	DBPP	Compound Not Detected.					

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).
q - Qualifier signal exceeded ratio warning limit.

Data File: /chem/GC_C.i/C121407-1.b/C#A-007f0701.d Page 3
Report Date: 18-Dec-2007 11:04

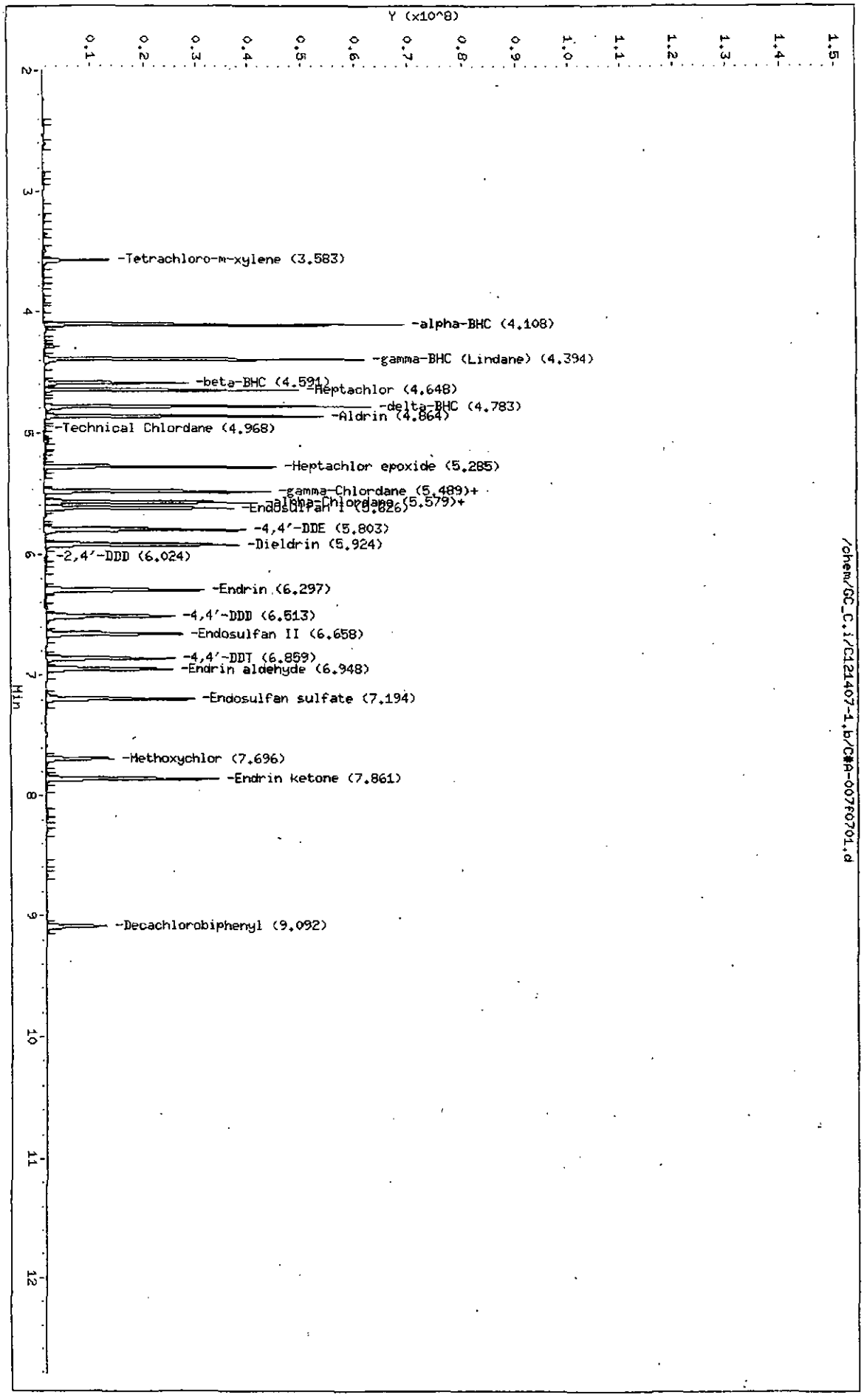
STL Denver

RECOVERY REPORT

Client Name: Client SDG: D7L070000
Sample Matrix: LIQUID Fraction: pest
Lab Smp Id: KDPL31AD Client Smp ID: INTRA-LAB CHECK
Level: LOW Operator: MPK
Data Type: GC MULTI COMP SampleType: LCS
SpikeList File: 8081_SOIL.spk Quant Type: ESTD
Sublist File: 1-ALLCOMP.sub
Method File: /chem/GC_C.i/C121407-1.b/C_8081_1.m
Misc Info: Column 1-J&W 30m 0.32mm ID 0.25um df DB-35MS

SPIKE COMPOUND	CONC ADDED ug/L	CONC RECOVERED ug/L	% RECOVERED	LIMITS
4 alpha-BHC	0.50000	0.44190	88.38	62-110
5 gamma-BHC (Lindane	0.50000	0.43644	87.29	66-116
7 beta-BHC	0.50000	0.45508	91.02	63-114
9 delta-BHC	0.50000	0.44135	88.27	59-105
8 Heptachlor	0.50000	0.41769	83.54	71-117
10 Aldrin	0.50000	0.40153	80.31	72-112
13 Heptachlor epoxide	0.50000	0.43956	87.91	73-113
14 gamma-Chlordane	0.50000	0.42305	84.61	71-114
17 alpha-Chlordane	0.50000	0.42720	85.44	72-112
18 Endosulfan I	0.50000	0.41208	82.42	72-113
19 4,4'-DDE	0.50000	0.43571	87.14	74-117
20 Dieldrin	0.50000	0.43535	87.07	74-119
23 Endrin	0.50000	0.46810	93.62	71-114
26 4,4'-DDD	0.50000	0.43399	86.80	70-118
27 Endosulfan II	0.50000	0.39961	79.92	74-117
28 4,4'-DDT	0.50000	0.45018	90.04	63-122
29 Endrin aldehyde	0.50000	0.41436	82.87	64-104
31 Methoxychlor	0.50000	0.44879	89.76	66-117
30 Endosulfan sulfate	0.50000	0.40131	80.26	71-126
32 Endrin ketone	0.50000	0.42196	84.39	74-120

SURROGATE COMPOUND	CONC ADDED ug/L	CONC RECOVERED ug/L	% RECOVERED	LIMITS
$ 1 Tetrachloro-m-xyle	0.20000	0.13956	69.78	49-111
$ 34 Decachlorobiphenyl	0.20000	0.18081	90.40	56-136


Data File: /chem/GC_C.i/C121407-1.b/C#A-007f0701.d
Date : 14-DEC-2007 15:11
Client ID: INTRA-LAB CHECK
Sample Info: KDPL31AD,LCS
Column phase: DB-35MS
Instrument: GC_C.i
Operator: HPK
Column diameter: 0.32
Page 4
Y (x10^8)
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
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1.3
1.4
1.5
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7
8
9
10
11
12
Min
-Tetrachloro-m-xylene (3.583)
-alpha-BHC (4.108)
-gamma-BHC (Lindane) (4.394)
-beta-BHC (4.591)
-Heptachlor (4.648)
-delta-BHC (4.783)
-Aldrin (4.864)
-Technical Chlordane (4.968)
-Heptachlor epoxide (5.285)
-gamma-Chlordane (5.489)+
-alpha-Chlordane (5.579)+
-Endosulfan I (5.626)
-4,4'-DDE (5.803)
-Dieldrin (5.924)
-2,4'-DDD (6.024)
-Endrin (6.297)
-4,4'-DDD (6.513)
-Endosulfan II (6.658)
-4,4'-DDT (6.859)
-Endrin aldehyde (6.948)
-Endosulfan sulfate (7.194)
-Methoxychlor (7.696)
-Endrin ketone (7.861)
-Decachlorobiphenyl (9.092)
/chem/GC_C.i/C121407-1.b/C#A-007f0701.d

Data File: /chem/GC_C.i/C121407-2.b/C#B-007f0701.d Page 1
Report Date: 18-Dec-2007 11:08

STL Denver

Data file : /chem/GC_C.i/C121407-2.b/C#B-007f0701.d
Lab Smp Id: KDPL31AD Client Smp ID: INTRA-LAB CHECK
Inj Date : 14-DEC-2007 15:11
Operator : MPK Inst ID: GC_C.i
Smp Info : KDPL31AD,LCS
Misc Info : Column 2-J&W 30m 0.32mm ID 0.5um df DB-XLB
Comment :
Method : /chem/GC_C.i/C121407-2.b/C_8081_2.m
Meth Date : 18-Dec-2007 11:08 kellisom Quant Type: ESTD
Cal Date : 06-DEC-2007 19:27 Cal File: C#B-020f2001.d
Als bottle: 7 QC Sample: LCS
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 1-INDAB.sub
Target Version: 3.50
Processing Host: chemsv04

Concentration Formula: Amt * DF * Uf * (Vf/Vs) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	0.00100	Unit Correction Factor (ug/ng)
Vf	10000.00000	Final Volume (uL)
Vs	1000.00000	Volume of Sample Extract (mL)

Cpnd Variable Local Compound Variable

	Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng/ml)	CONCENTRATIONS FINAL (ug/L)
$ 1	Tetrachloro-m-xylene	4.080	4.081	-0.001	18626872	13.0958	0.13096
3	alpha-BHC	4.408	4.408	0.000	83456045	42.5707	0.42571
4	Hexachlorobenzene	Compound Not Detected.					
5	gamma-BHC (Lindane)	4.654	4.654	0.000	70728824	40.8955	0.40896
6	beta-BHC	4.870	4.869	0.001	31743887	40.7728	0.40773
8	delta-BHC	5.055	5.056	-0.001	75961483	42.8365	0.42836
9	Heptachlor	5.091	5.091	0.000	65331751	38.8753	0.38875
12	Aldrin	5.358	5.358	0.000	64979499	38.3442	0.38344
15	Heptachlor epoxide	5.787	5.787	0.000	64055199	41.2939	0.41294
17	gamma-Chlordane	6.153	6.152	0.001	66895793	41.3351	0.41335
18	alpha-Chlordane	6.209	6.210	-0.001	65247422	41.0209	0.41021
19	Endosulfan I	6.251	6.251	0.000	57124118	39.7421	0.39742
20	4,4'-DDE	6.442	6.440	0.002	70166864	41.9650	0.41965
22	Dieldrin	6.587	6.587	0.000	69424219	41.9987	0.41999

Data File: /chem/GC_C.i/C121407-2.b/C#B-007f0701.d
Report Date: 18-Dec-2007 11:08

	Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng/ml)	CONCENTRATIONS FINAL (ug/L)
	24 Endrin	6.868	6.868	0.000	62089569	45.1090	0.45109
	26 4,4'-DDD	7.096	7.097	-0.001	54064005	41.7599	0.41760
	27 Endosulfan II	7.203	7.204	-0.001	54918595	39.7138	0.39714
	29 Endrin aldehyde	7.333	7.332	0.001	43978517	40.2518	0.40252
	30 4,4'-DDT	7.451	7.451	0.000	50336084	42.7178	0.42718
	31 Endosulfan sulfate	7.663	7.662	0.001	49514805	41.2479	0.41248
	32 Methoxychlor	7.969	7.969	0.000	24019068	42.2456	0.42246
	33 Endrin ketone	8.102	8.102	0.000	55756189	41.4959	0.41496
	34 Mirex	Compound Not Detected.					
$	35 Decachlorobiphenyl	9.843	9.843	0.000	20293220	17.2305	0.17230

Data File: /chem/GC_C.i/C121407-2.b/C#B-007f0701.d Page 3
Report Date: 18-Dec-2007 11:08

STL Denver

RECOVERY REPORT

Client Name: Client SDG: D7L070000
Sample Matrix: LIQUID Fraction: pest
Lab Smp Id: KDPL31AD Client Smp ID: INTRA-LAB CHECK
Level: LOW Operator: MPK
Data Type: GC MULTI COMP SampleType: LCS
SpikeList File: 8081_SOIL.spk Quant Type: ESTD
Sublist File: 1-INDAB.sub
Method File: /chem/GC_C.i/C121407-2.b/C_8081_2.m
Misc Info: Column 2-J&W 30m 0.32mm ID 0.5um df DB-XLB

SPIKE COMPOUND	CONC ADDED ug/L	CONC RECOVERED ug/L	% RECOVERED	LIMITS
3 alpha-BHC	0.50000	0.42571	85.14	62-110
5 gamma-BHC (Lindane	0.50000	0.40896	81.79	66-116
6 beta-BHC	0.50000	0.40773	81.55	63-114
8 delta-BHC	0.50000	0.42836	85.67	59-105
9 Heptachlor	0.50000	0.38875	77.75	71-117
12 Aldrin	0.50000	0.38344	76.69	72-112
15 Heptachlor epoxide	0.50000	0.41294	82.59	73-113
17 gamma-Chlordane	0.50000	0.41335	82.67	71-114
18 alpha-Chlordane	0.50000	0.41021	82.04	72-112
19 Endosulfan I	0.50000	0.39742	79.48	72-113
20 4,4'-DDE	0.50000	0.41965	83.93	74-117
22 Dieldrin	0.50000	0.41999	84.00	74-119
24 Endrin	0.50000	0.45109	90.22	71-114
26 4,4'-DDD	0.50000	0.41760	83.52	70-118
27 Endosulfan II	0.50000	0.39714	79.43	74-117
30 4,4'-DDT	0.50000	0.42718	85.44	63-122
29 Endrin aldehyde	0.50000	0.40252	80.50	64-104
32 Methoxychlor	0.50000	0.42246	84.49	66-117
31 Endosulfan sulfate	0.50000	0.41248	82.50	71-126
33 Endrin ketone	0.50000	0.41496	82.99	74-120

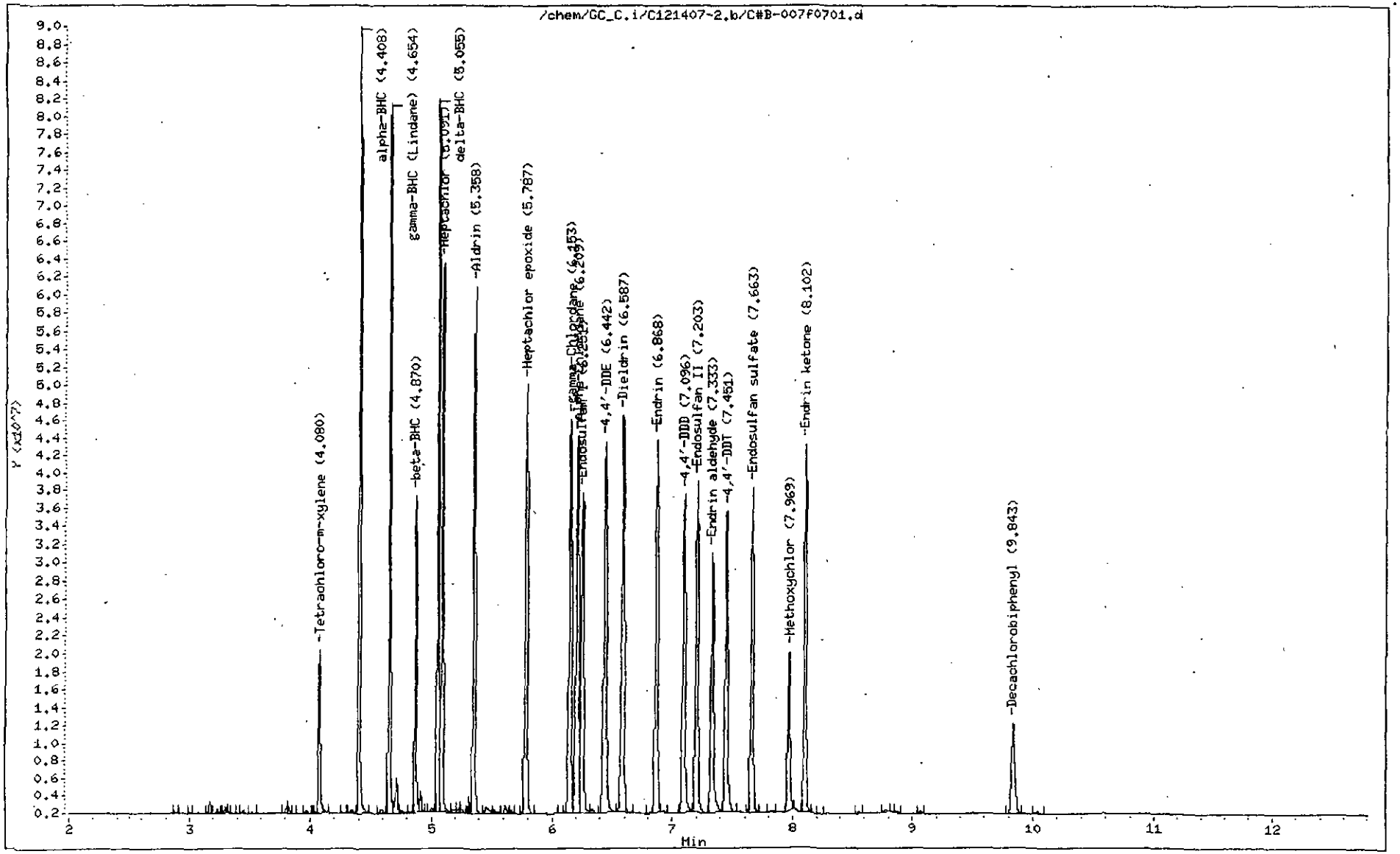
SURROGATE COMPOUND	CONC ADDED ug/L	CONC RECOVERED ug/L	% RECOVERED	LIMITS
$ 1 Tetrachloro-m-xyle	0.20000	0.13096	65.48	49-121
$ 35 Decachlorobiphenyl	0.20000	0.17230	86.15	39-143

Data File: /chem/GC_C.i/C121407-2.b/C#B-007f0701.d
Date : 14-DEC-2007 15:11
Client ID: INTRA-LAB CHECK
Sample Info: KDPL31AD,LCS

Column phase: CLP-PEST I

Instrument: GC_C.i

Operator: MPK
Column diameter: 0.32



Data File: /chem/GC_C.i/C121407-1.b/C#A-008f0801.d Page 1
Report Date: 18-Dec-2007 11:04

STL Denver

Data file : /chem/GC_C.i/C121407-1.b/C#A-008f0801.d
Lab Smp Id: KDPL31AE Client Smp ID: INTRA-LAB CHECK
Inj Date : 14-DEC-2007 15:28
Operator : MPK Inst ID: GC_C.i
Smp Info : KDPL31AE,LCSD
Misc Info : Column 1-J&W 30m 0.32mm ID 0.25um df DB-35MS
Comment :
Method : /chem/GC_C.i/C121407-1.b/C_8081_1.m
Meth Date : 18-Dec-2007 11:04 kellisom Quant Type: ESTD
Cal Date : 06-DEC-2007 19:27 Cal File: C#A-020f2001.d
Als bottle: 8 QC Sample: LCSD
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 1-ALLCOMP.sub
Target Version: 3.50
Processing Host: chemsv04

Concentration Formula: Amt * DF * Uf * (Vf / Vs) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	0.00100	Unit Correction Factor (ug/ng)
Vf	10000.00000	Final Extract Volume (uL)
Vs	1000.00000	Volume of Sample Extracted (mL)

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng/ml)	CONCENTRATIONS FINAL (ug/L)
$ 1 Tetrachloro-m-xylene	3.582	3.582	0.000	15190658	16.0429	0.16043
2 Diallate	Compound Not Detected.					
3 Hexachlorobenzene	Compound Not Detected.					
4 alpha-BHC	4.108	4.108	0.000	63223021	48.3715	0.48372
5 gamma-BHC (Lindane)	4.395	4.394	0.001	56209754	45.9354	0.45935
6 Technical Chlordane	0.000	4.519	-4.519	0	298.416	2.9842(q)
7 beta-BHC	4.591	4.591	0.000	25757103	47.9067	0.47907
8 Heptachlor	4.647	4.648	-0.001	44885213	44.7920	0.44792
9 delta-BHC	4.783	4.783	0.000	59795984	47.5562	0.47556
10 Aldrin	4.864	4.864	0.000	51875824	43.6844	0.43684
11 chlorpyrifos	Compound Not Detected.					
12 Isodrin/Dicofol	Compound Not Detected.					
13 Heptachlor epoxide	5.285	5.285	0.000	48090188	46.3617	0.46362
14 gamma-Chlordane	5.489	5.488	0.001	50312475	45.1460	0.45146
15 2,4'-DDE	Compound Not Detected.					

CL 12/20/07

Data File: /chem/GC_C.i/C121407-1.b/C#A-008f0801.d
Report Date: 18-Dec-2007 11:04

	Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng/ml)	CONCENTRATIONS FINAL (ug/L)
16	Toxaphene	Compound Not Detected.					
17	alpha-Chlordane	5.579	5.579	0.000	49245296	44.8227	0.44823
18	Endosulfan I	5.625	5.625	0.000	44061339	43.1032	0.43103
19	4,4'-DDE	5.802	5.802	0.000	53949357	46.6474	0.46647
20	Dieldrin	5.924	5.923	0.001	52562092	46.2201	0.46220
21	2,4'-DDD	6.024	6.023	0.001	615112	0.47259	0.0047259(a)
22	Chlorobenzilate	Compound Not Detected.					
23	Endrin	6.297	6.297	0.000	46039670	49.1828	0.49183
24	2,4'-DDT	6.373	6.370	0.003	542469	0.44116	0.0044116(a)
25	Kepone	Compound Not Detected.					
26	4,4'-DDD	6.513	6.512	0.001	40373157	45.7134	0.45713
27	Endosulfan II	6.658	6.657	0.001	41172283	43.0344	0.43034
28	4,4'-DDT	6.859	6.859	0.000	36121784	47.8300	0.47830
29	Endrin aldehyde	6.947	6.947	0.000	35509499	44.0624	0.44062
30	Endosulfan sulfate	7.195	7.195	0.000	40779196	43.1131	0.43113
31	Methoxychlor	7.695	7.695	0.000	18395017	47.7382	0.47738
32	Endrin ketone	7.861	7.861	0.000	44674194	44.8210	0.44821
33	Mirex	Compound Not Detected.					
$ 34	Decachlorobiphenyl	9.091	9.091	0.000	17296092	19.3733	0.19373
35	DBPP	Compound Not Detected.					

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
q - Qualifier signal exceeded ratio warning limit.

Data File: /chem/GC_C.i/C121407-1.b/C#A-008f0801.d Page 3
Report Date: 18-Dec-2007 11:04

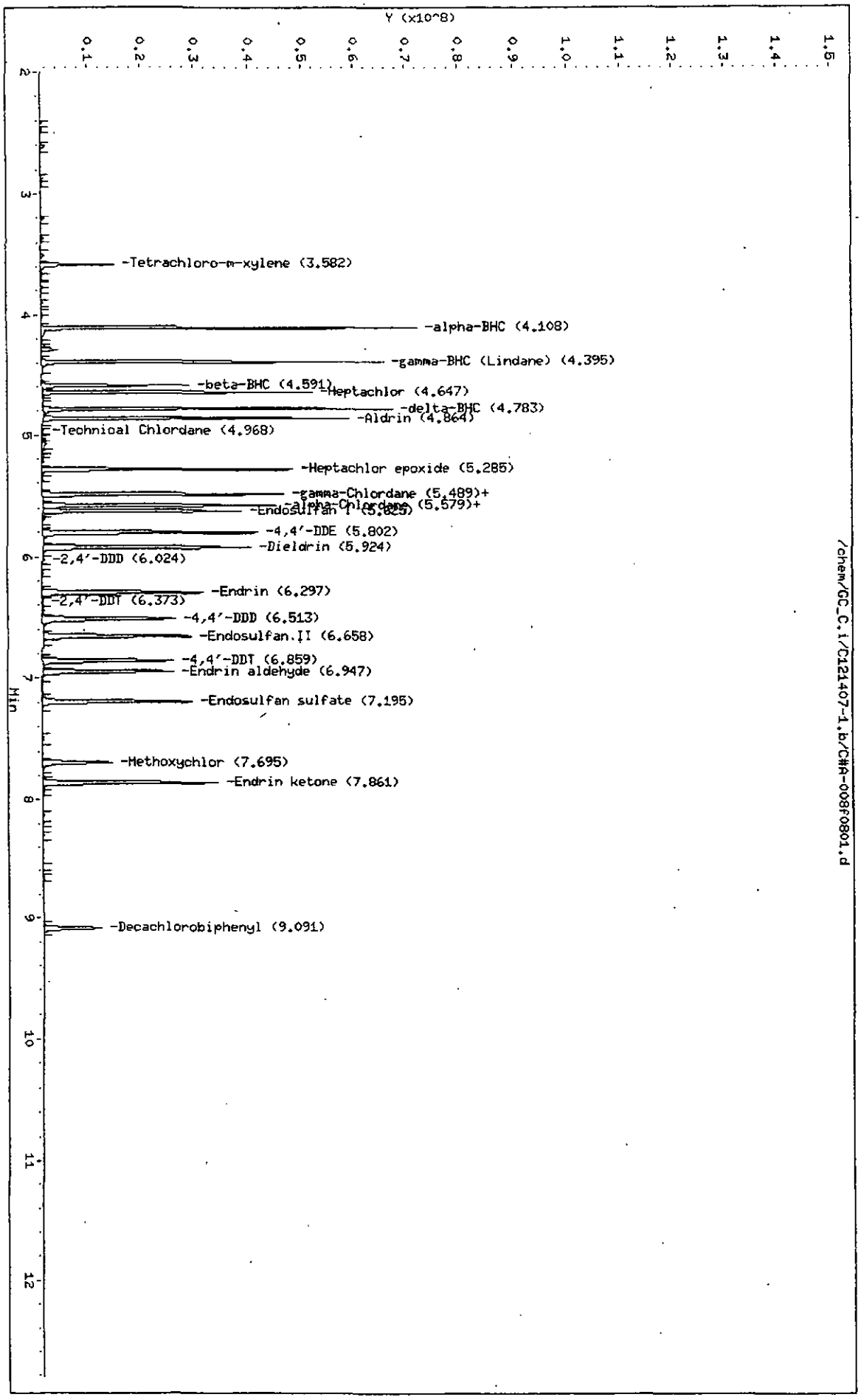
STL Denver

RECOVERY REPORT

Client Name: Client SDG: D7L070000
Sample Matrix: LIQUID Fraction: pest
Lab Smp Id: KDPL31AE Client Smp ID: INTRA-LAB CHECK
Level: LOW Operator: MPK
Data Type: GC MULTI COMP SampleType: LCSD
SpikeList File: 8081_SOIL.spk Quant Type: ESTD
Sublist File: 1-ALLCOMP.sub
Method File: /chem/GC_C.i/C121407-1.b/C_8081_1.m
Misc Info: Column 1-J&W 30m 0.32mm ID 0.25um df DB-35MS

SPIKE COMPOUND	CONC ADDED ug/L	CONC RECOVERED ug/L	% RECOVERED	LIMITS
4 alpha-BHC	0.50000	0.48372	96.74	62-110
5 gamma-BHC (Lindane	0.50000	0.45935	91.87	66-116
7 beta-BHC	0.50000	0.47907	95.81	63-114
9 delta-BHC	0.50000	0.47556	95.11	59-105
8 Heptachlor	0.50000	0.44792	89.58	71-117
10 Aldrin	0.50000	0.43684	87.37	72-112
13 Heptachlor epoxide	0.50000	0.46362	92.72	73-113
14 gamma-Chlordane	0.50000	0.45146	90.29	71-114
17 alpha-Chlordane	0.50000	0.44823	89.65	72-112
18 Endosulfan I	0.50000	0.43103	86.21	72-113
19 4,4'-DDE	0.50000	0.46647	93.29	74-117
20 Dieldrin	0.50000	0.46220	92.44	74-119
23 Endrin	0.50000	0.49183	98.37	71-114
26 4,4'-DDD	0.50000	0.45713	91.43	70-118
27 Endosulfan II	0.50000	0.43034	86.07	74-117
28 4,4'-DDT	0.50000	0.47830	95.66	63-122
29 Endrin aldehyde	0.50000	0.44062	88.12	64-104
31 Methoxychlor	0.50000	0.47738	95.48	66-117
30 Endosulfan sulfate	0.50000	0.43113	86.23	71-126
32 Endrin ketone	0.50000	0.44821	89.64	74-120

SURROGATE COMPOUND	CONC ADDED ug/L	CONC RECOVERED ug/L	% RECOVERED	LIMITS
$ 1 Tetrachloro-m-xyle	0.20000	0.16043	80.21	49-111
$ 34 Decachlorobiphenyl	0.20000	0.19373	96.87	56-136



Data File: /chem/GC_C.i/C121407-1.b/C#A-008F0801.d
Date : 14-DEC-2007 15:28
Client ID: INTRA-LAB CHECK
Sample Info: KDPL31AE,LCSD
Column phase: DB-35MS

/chem/GC_C.i/C121407-1.b/C#A-008F0801.d

Instrument: GC_C.i
Operator: MPK
Column diameter: 0.32

Data File: /chem/GC_C.i/C121407-2.b/C#B-008f0801.d Page 1
Report Date: 18-Dec-2007 11:08

STL Denver

Data file : /chem/GC_C.i/C121407-2.b/C#B-008f0801.d
Lab Smp Id: KDPL31AE Client Smp ID: INTRA-LAB CHECK
Inj Date : 14-DEC-2007 15:28
Operator : MPK Inst ID: GC_C.i
Smp Info : KDPL31AE,LCSD
Misc Info : Column 2-J&W 30m 0.32mm ID 0.5um df DB-XLB
Comment :
Method : /chem/GC_C.i/C121407-2.b/C_8081_2.m
Meth Date : 18-Dec-2007 11:08 kellisom Quant Type: ESTD
Cal Date : 06-DEC-2007 19:27 Cal File: C#B-020f2001.d
Als bottle: 8 QC Sample: LCSD
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 1-INDAB.sub
Target Version: 3.50
Processing Host: chemsv04

Concentration Formula: Amt * DF * Uf * (Vf/Vs) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	0.00100	Unit Correction Factor (ug/ng)
Vf	10000.00000	Final Volume (uL)
Vs	1000.00000	Volume of Sample Extract (mL)

Cpnd Variable Local Compound Variable

	Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng/ml)	CONCENTRATIONS FINAL (ug/L)
$ 1	Tetrachloro-m-xylene	4.081	4.081	0.000	22353479	15.7159	0.15716
3	alpha-BHC	4.408	4.408	0.000	88741231	45.2667	0.45267
4	Hexachlorobenzene	Compound Not Detected.					
5	gamma-BHC (Lindane)	4.655	4.654	0.001	75199134	43.4803	0.43480
6	beta-BHC	4.870	4.869	0.001	33308659	42.7827	0.42783
8	delta-BHC	5.057	5.056	0.001	80393051	45.3356	0.45336
9	Heptachlor	5.092	5.091	0.001	69769363	41.5159	0.41516
12	Aldrin	5.359	5.358	0.001	69874986	41.2331	0.41233
15	Heptachlor epoxide	5.787	5.787	0.000	67642321	43.6063	0.43606
17	gamma-Chlordane	6.152	6.152	0.000	70842815	43.7740	0.43774
18	alpha-Chlordane	6.212	6.210	0.002	69093009	43.4386	0.43439
19	Endosulfan I	6.252	6.251	0.001	60688169	42.2434	0.42243
20	4,4'-DDE	6.442	6.440	0.002	74098114	44.3162	0.44316
22	Dieldrin	6.587	6.587	0.000	73057724	44.1968	0.44197

Data File: /chem/GC_C.i/C121407-2.b/C#B-008f0801.d Page 2
Report Date: 18-Dec-2007 11:08

	Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng/ml)	CONCENTRATIONS FINAL (ug/L)
24	Endrin	6.868	6.868	0.000	66134184	48.0475	0.48047
26	4,4'-DDD	7.096	7.097	-0.001	56763087	43.8448	0.43845
27	Endosulfan II	7.203	7.204	-0.001	57526578	41.6327	0.41633
29	Endrin aldehyde	7.333	7.332	0.001	46328584	42.4270	0.42427
30	4,4'-DDT	7.451	7.451	0.000	52486699	44.5429	0.44543
31	Endosulfan sulfate	7.662	7.662	0.000	52194077	43.5058	0.43506
32	Methoxychlor	7.968	7.969	-0.001	26763724	47.0730	0.47073
33	Endrin ketone	8.101	8.102	-0.001	58472132	43.5432	0.43543
34	Mirex	Compound Not Detected.					
$ 35	Decachlorobiphenyl	9.843	9.843	0.000	21427851	18.2528	0.18253

Data File: /chem/GC_C.i/C121407-2.b/C#B-008f0801.d Page 3
Report Date: 18-Dec-2007 11:08

STL Denver

RECOVERY REPORT

Client Name:
Sample Matrix: LIQUID
Lab Smp Id: KDPL31AE
Level: LOW
Data Type: GC MULTI COMP
SpikeList File: 8081_SOIL.spk
Sublist File: 1-INDAB.sub
Method File: /chem/GC_C.i/C121407-2.b/C_8081_2.m
Misc Info: Column 2-J&W 30m 0.32mm ID 0.5um df DB-XLB

Client SDG: D7L070000
Fraction: pest
Client Smp ID: INTRA-LAB CHECK
Operator: MPK
SampleType: LCSD
Quant Type: ESTD

	SPIKE COMPOUND	CONC ADDED ug/L	CONC RECOVERED ug/L	% RECOVERED	LIMITS
3	alpha-BHC	0.50000	0.45267	90.53	62-110
5	gamma-BHC (Lindane	0.50000	0.43480	86.96	66-116
6	beta-BHC	0.50000	0.42783	85.57	63-114
8	delta-BHC	0.50000	0.45336	90.67	59-105
9	Heptachlor	0.50000	0.41516	83.03	71-117
12	Aldrin	0.50000	0.41233	82.47	72-112
15	Heptachlor epoxide	0.50000	0.43606	87.21	73-113
17	gamma-Chlordane	0.50000	0.43774	87.55	71-114
18	alpha-Chlordane	0.50000	0.43439	86.88	72-112
19	Endosulfan I	0.50000	0.42243	84.49	72-113
20	4,4'-DDE	0.50000	0.44316	88.63	74-117
22	Dieldrin	0.50000	0.44197	88.39	74-119
24	Endrin	0.50000	0.48047	96.09	71-114
26	4,4'-DDD	0.50000	0.43845	87.69	70-118
27	Endosulfan II	0.50000	0.41633	83.27	74-117
30	4,4'-DDT	0.50000	0.44543	89.09	63-122
29	Endrin aldehyde	0.50000	0.42427	84.85	64-104
32	Methoxychlor	0.50000	0.47073	94.15	66-117
31	Endosulfan sulfate	0.50000	0.43506	87.01	71-126
33	Endrin ketone	0.50000	0.43543	87.09	74-120

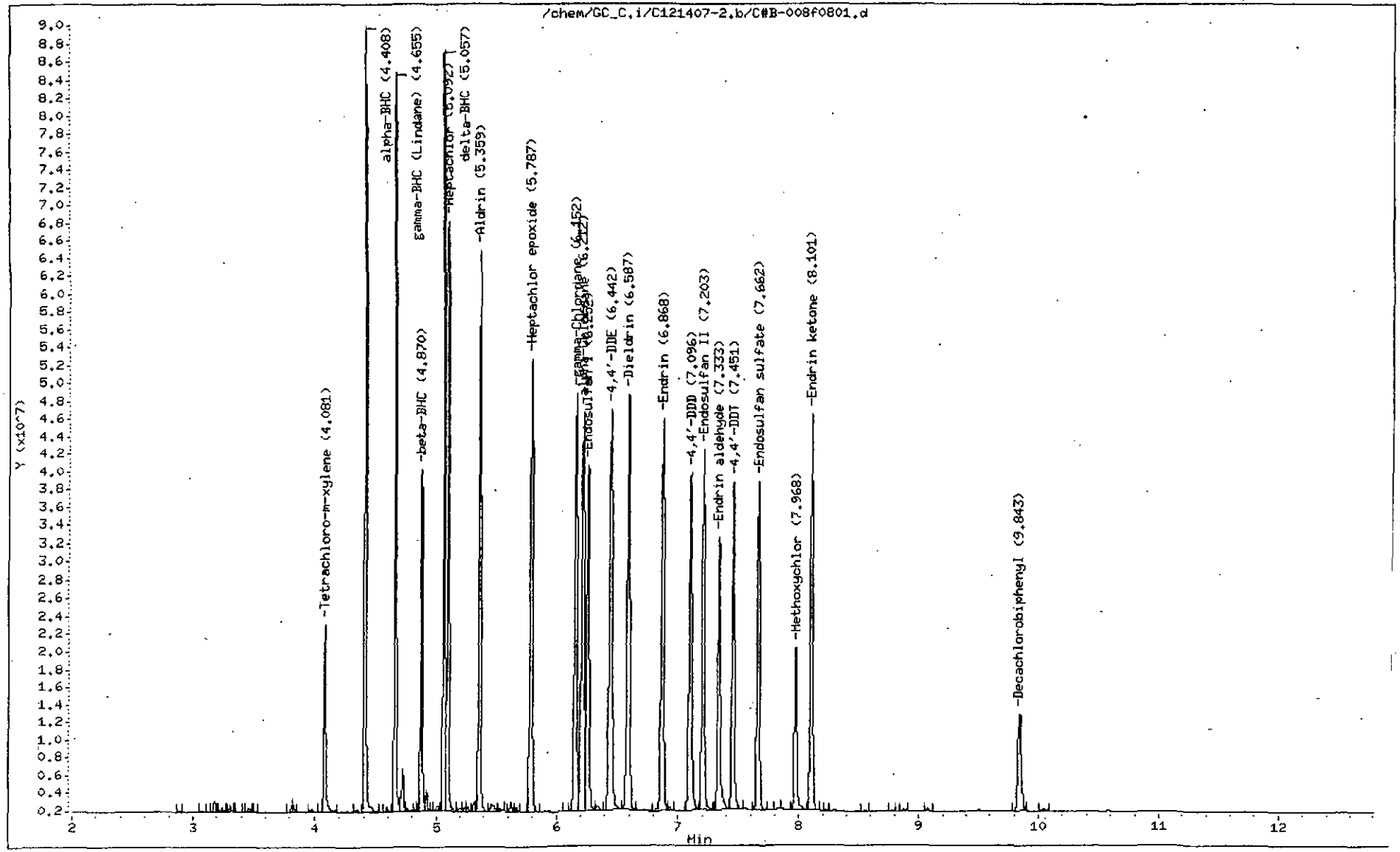
	SURROGATE COMPOUND	CONC ADDED ug/L	CONC RECOVERED ug/L	% RECOVERED	LIMITS
$ 1	Tetrachloro-m-xyle	0.20000	0.15716	78.58	49-121
$ 35	Decachlorobiphenyl	0.20000	0.18253	91.26	39-143

Data File: /chem/GC_C.i/C121407-2.b/C#B-008f0801.d
Date : 14-DEC-2007 15:28
Client ID: INTRA-LAB CHECK
Sample Info: KDPL31AE,LCSD

Column phase: CLP-PEST I

Instrument: GC_C.i

Operator: MPK
Column diameter: 0.32



Data File: /chem/GC_C.i/C121407-1.b/C#A-009f0901.d Page 1
Report Date: 18-Dec-2007 11:05

STL Denver

Data file : /chem/GC_C.i/C121407-1.b/C#A-009f0901.d
Lab Smp Id: KDG1R1AC Client Smp ID: NE3 MW-30B
Inj Date : 14-DEC-2007 15:44
Operator : MPK Inst ID: GC_C.i
Smp Info : KDG1R1AC,202-1
Misc Info : Column 1-J&W 30m 0.32mm ID 0.25um df DB-35MS
Comment :
Method : /chem/GC_C.i/C121407-1.b/C_8081_1.m
Meth Date : 18-Dec-2007 11:04 kellisom Quant Type: ESTD
Cal Date : 06-DEC-2007 19:27 Cal File: C#A-020f2001.d
Als bottle: 9
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 1-ALLCOMP.sub
Target Version: 3.50
Processing Host: chemsv04

Concentration Formula: Amt * DF * Uf * (Vf / Vs) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	0.00100	Unit Correction Factor (ug/ng)
Vf	10000.00000	Final Extract Volume (uL)
Vs	1009.00000	Volume of Sample Extracted (mL)

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng/ml)	CONCENTRATIONS FINAL (ug/L)
$ 1 Tetrachloro-m-xylene	Compound Not Detected. report off 2° column.					
2 Diallate	3.863	3.853	0.010	19004100	674.231	6.6822
3 Hexachlorobenzene	4.026	4.017	0.009	69446033	70.3322	0.69705
4 alpha-BHC	4.109	4.108	0.001	7389852	5.65393	~~0.056035~~ NC
5 gamma-BHC (Lindane)	Compound Not Detected.					
6 Technical Chlordane	Compound Not Detected.					
7 beta-BHC	4.579	4.591	-0.012	89663258	167.560	~~1.6606(A)~~ RT
8 Heptachlor	4.654	4.648	0.006	71290541	71.1426	0.70508 CA, RPT 2°
9 delta-BHC	4.779	4.783	-0.004	48179502	38.3175	0.37976
10 Aldrin	Compound Not Detected.					
11 *chlorpyrifos*	*Compound Not Detected.*					
12 Isodrin/Dicofol	5.174	5.170	0.004	44056881	43.4397	0.43052
13 Heptachlor epoxide	Compound Not Detected.					
14 gamma-Chlordane	Compound Not Detected.					

CL 12/20/07

Data File: /chem/GC_C.i/C121407-1.b/C#A-009f0901.d
Report Date: 18-Dec-2007 11:05

	Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng/ml)	CONCENTRATIONS FINAL (ug/L)
15	2,4'-DDE	5.509	5.501	0.008	16419203	22.1743	0.21976
16	Toxaphene	4.899	4.902	-0.003	30361551	4390.65	~~43.515(q)~~ NP
17	alpha-Chlordane	Compound Not Detected.					
18	Endosulfan I	Compound Not Detected.					
19	4,4'-DDE	5.813	5.802	0.011	15001344	12.9709	~~0.12855~~ RT
20	Dieldrin	Compound Not Detected.					
21	2,4'-DDD	Compound Not Detected.					
22	Chlorobenzilate	Compound Not Detected.					
23	Endrin	6.304	6.297	0.007	7916549	8.45701	~~0.083816~~ NC
24	2,4'-DDT	Compound Not Detected.					
25	Kepone	Compound Not Detected.					
26	4,4'-DDD	6.508	6.512	-0.004	3549865	4.01941	~~0.039836(a)~~ NC
27	Endosulfan II	6.651	6.657	-0.006	19533924	20.4174	~~0.20235~~ NC
28	4,4'-DDT	Compound Not Detected.					
29	Endrin aldehyde	Compound Not Detected.					
30	Endosulfan sulfate	Compound Not Detected.					
31	Methoxychlor	Compound Not Detected.					
32	Endrin ketone	Compound Not Detected.					
33	Mirex	Compound Not Detected.					
$ 34	Decachlorobiphenyl	9.086	9.091	-0.005	21652548	24.4294	0.24211
35	DBPP	Compound Not Detected.					

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).
A - Target compound detected but, quantitated amount exceeded maximum amount.
q - Qualifier signal exceeded ratio warning limit.

Data File: /chem/GC_C.i/C121407-1.b/C#A-009f0901.d Page 3
Report Date: 18-Dec-2007 11:05

STL Denver

RECOVERY REPORT

Client Name: EA Engineering, Scie05-DEC-2007 00:00 Client SDG: I7L050202
Sample Matrix: LIQUID Fraction: pest
Lab Smp Id: KDG1R1AC Client Smp ID: NE3 MW-30B
Level: LOW Operator: MPK
Data Type: GC MULTI COMP SampleType: SAMPLE
SpikeList File: 8081_SOIL.spk Quant Type: ESTD
Sublist File: 1-ALLCOMP.sub
Method File: /chem/GC_C.i/C121407-1.b/C_8081_1.m
Misc Info: Column 1-J&W 30m 0.32mm ID 0.25um df DB-35MS

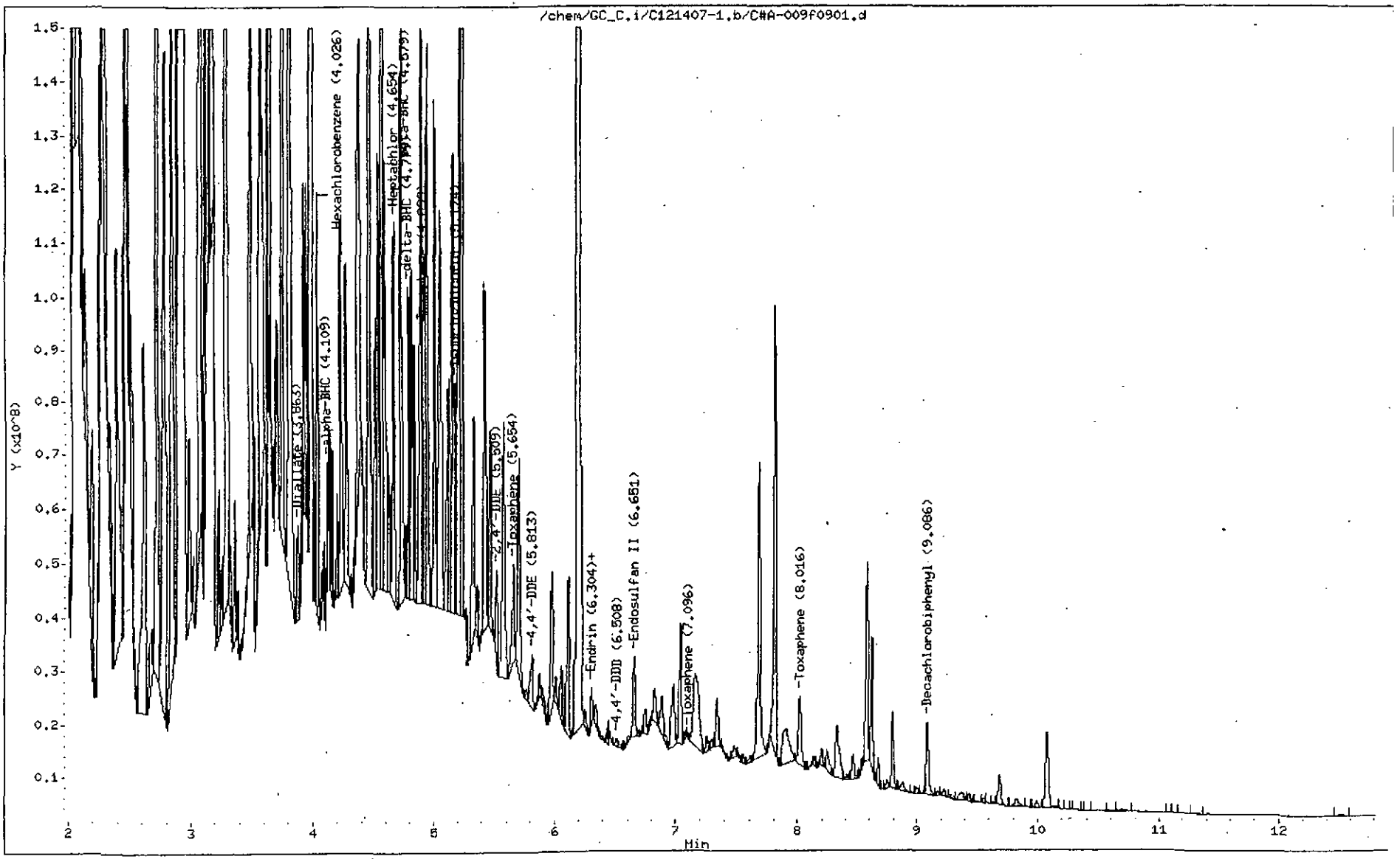
SURROGATE COMPOUND	CONC ADDED ug/L	CONC RECOVERED ug/L	% RECOVERED	LIMITS
$ 1 Tetrachloro-m-xyl	0.19822	0.0000	*	49-111
$ 34 Decachlorobiphenyl	0.19822	0.24211	122.15	56-136

Data File: /chem/GC_C.i/C121407-1.b/C#A-009f0901.d
Date : 14-DEC-2007 15:44
Client ID: NE3 MW-30B
Sample Info: KDG1R1AC,202-1

Column phase: DB-35MS

Instrument: GC_C.i

Operator: HPK
Column diameter: 0.32



Data File: /chem/GC_C.i/C121407-2.b/C#B-009f0901.d Page 1
Report Date: 18-Dec-2007 11:08

STL Denver

Data file : /chem/GC_C.i/C121407-2.b/C#B-009f0901.d
Lab Smp Id: KDG1R1AC Client Smp ID: NE3 MW-30B
Inj Date : 14-DEC-2007 15:44
Operator : MPK Inst ID: GC_C.i
Smp Info : KDG1R1AC,202-1
Misc Info : Column 2-J&W 30m 0.32mm ID 0.5um df DB-XLB
Comment :
Method : /chem/GC_C.i/C121407-2.b/C_8081_2.m
Meth Date : 18-Dec-2007 11:08 kellisom Quant Type: ESTD
Cal Date : 06-DEC-2007 19:27 Cal File: C#B-020f2001.d
Als bottle: 9
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 1-ALLCOMP.sub
Target Version: 3.50
Processing Host: chemsv04

Concentration Formula: Amt * DF * Uf * (Vf/Vs) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	0.00100	Unit Correction Factor (ug/ng)
Vf	10000.00000	Final Volume (uL)
Vs	1009.00000	Volume of Sample Extract (mL)

Cpnd Variable Local Compound Variable

	Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng/ml)	CONCENTRATIONS FINAL (ug/L)
$ 1	Tetrachloro-m-xylene	4.086	4.081	0.005	34245497	24.0767	0.23862(R)
2	Diallate	4.224	4.211	0.013	47624517	1332.05	13.202
3	alpha-BHC	Compound Not Detected.					
4	Hexachlorobenzene	Compound Not Detected.					
5	gamma-BHC (Lindane)	Compound Not Detected.					
6	beta-BHC	4.864	4.869	-0.005	159175449	204.450	2.0263(A)
7	Technical Chlordane	4.927	4.930	-0.003	59598167	1643.30	16.286(q)
8	delta-BHC	5.057	5.056	0.001	69634050	39.2683	0.38918
9	Heptachlor	5.090	5.091	-0.001	15747853	9.37068	0.092871
10	chlorpyrifos	5.311	5.303	0.008	89303467	154.207	1.5283
11	Toxaphene	5.384	5.361	0.023	31480857	2049.54	20.313(q)
12	Aldrin	Compound Not Detected.					
13	Dicofol	5.571	5.578	-0.007	4525222	21.9195	0.21724(a)
14	Isodrin	5.661	5.668	-0.007	63338690	42.6254	0.42245
15	Heptachlor epoxide	Compound Not Detected.					

Data File: /chem/GC_C.i/C121407-2.b/C#B-009f0901.d Page 2
Report Date: 18-Dec-2007 11:08

	Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng/ml)	FINAL (ug/L)
16	2,4'-DDE	5.980	5.979	0.001	52746737	48.4390	0.48007
17	gamma-Chlordane	6.152	6.152	0.000	700801939	433.027	4.2916(A)
18	alpha-Chlordane	Compound Not Detected.					
19	Endosulfan I	6.250	6.251	-0.001	42525036	29.4965	0.29233
20	4,4'-DDE	Compound Not Detected.					
21	2,4'-DDD	Compound Not Detected.					
22	Dieldrin	Compound Not Detected.					
23	Chlorobenzilate	Compound Not Detected.					
24	Endrin	Compound Not Detected.					
25	2,4'-DDT	Compound Not Detected.					
26	4,4'-DDD	Compound Not Detected.					
27	Endosulfan II	Compound Not Detected.					
28	Kepone	Compound Not Detected.					
29	Endrin aldehyde	Compound Not Detected.					
30	4,4'-DDT	7.443	7.451	-0.008	27939283	23.7107	0.23499
31	Endosulfan sulfate	Compound Not Detected.					
32	Methoxychlor	Compound Not Detected.					
33	Endrin ketone	Compound Not Detected.					
34	Mirex	8.602	8.612	-0.010	13404420	14.3363	0.14208
$ 35	Decachlorobiphenyl	9.842	9.843	-0.001	12419888	10.1371	0.10047(R)
36	DBPP	Compound Not Detected.					

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).
A - Target compound detected but, quantitated amount exceeded maximum amount.
R - Spike/Surrogate failed recovery limits.
q - Qualifier signal exceeded ratio warning limit.

Data File: /chem/GC_C.i/C121407-2.b/C#B-009f0901.d
Report Date: 18-Dec-2007 11:08

STL Denver

RECOVERY REPORT

Client Name: EA Engineering, Scie05-DEC-2007 00:00 Client SDG: I7L050202
Sample Matrix: LIQUID Fraction: pest
Lab Smp Id: KDG1R1AC Client Smp ID: NE3 MW-30B
Level: LOW Operator: MPK
Data Type: GC MULTI COMP SampleType: SAMPLE
SpikeList File: 8081_SOIL.spk Quant Type: ESTD
Sublist File: 1-ALLCOMP.sub
Method File: /chem/GC_C.i/C121407-2.b/C_8081_2.m
Misc Info: Column 2-J&W 30m 0.32mm ID 0.5um df DB-XLB

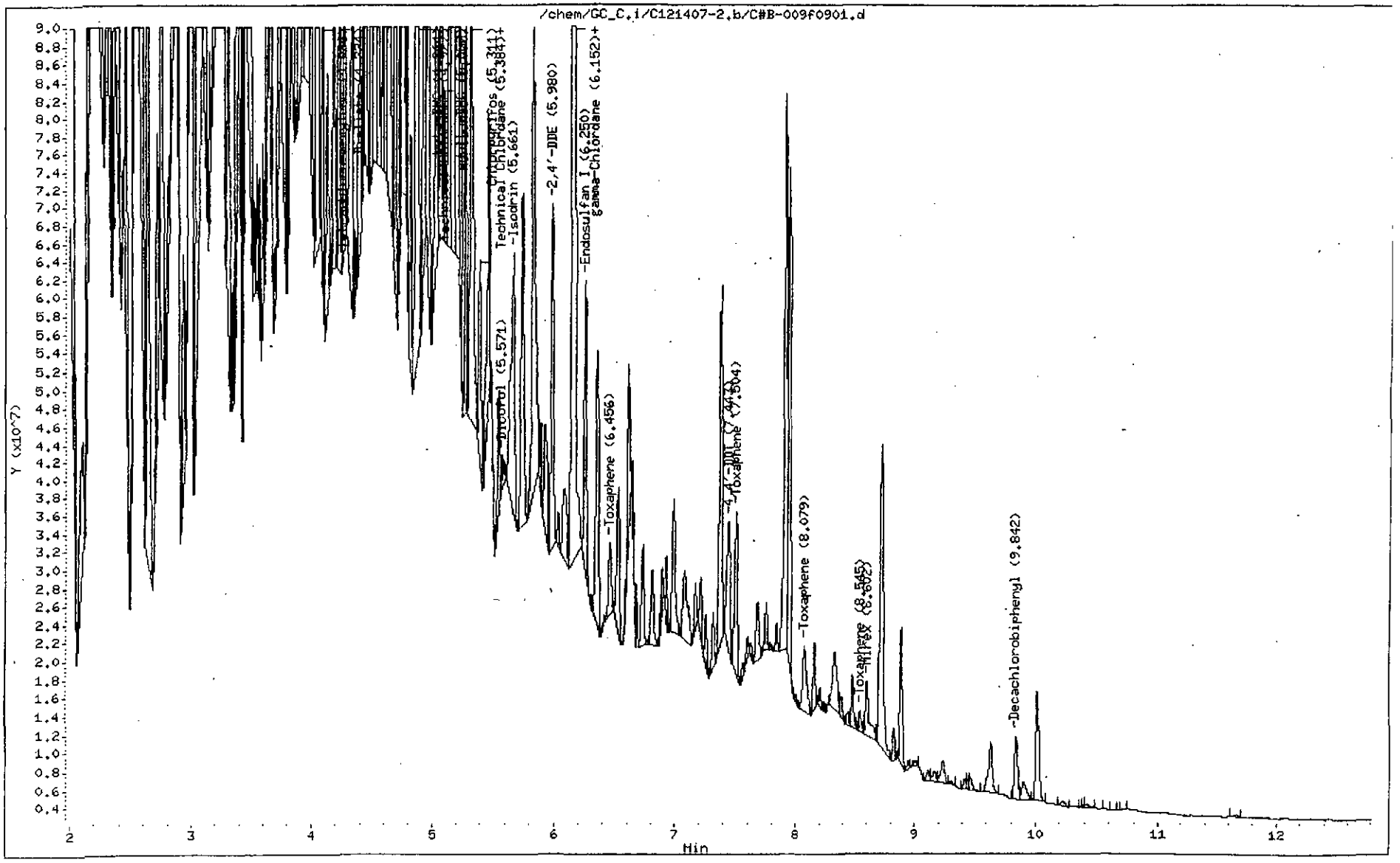
SURROGATE COMPOUND	CONC ADDED ug/L	CONC RECOVERED ug/L	% RECOVERED	LIMITS
$ 1 Tetrachloro-m-xyle	0.19822	0.23862	120.38*	49-111
$ 35 Decachlorobiphenyl	0.19822	0.10047	50.69*	56-136

Data File: /chem/GC_C.i/C121407-2.b/C#B-009f0901.d
Date : 14-DEC-2007 15:44
Client ID: NE3 MW-30B
Sample Info: KDG1R1AC,202-1

Column phase: CLP-PEST I

Instrument: GC_C.i

Operator: MPK
Column diameter: 0.32



GC SEMIVOLATILE
INITIAL CALIBRATION DATA

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

GC and HPLC Data Review Checklist

STL Denver

Batch Number: _____

608 (8081) 8082 Other Pest/PCB _____ Analysis: 601 602 8021 BTEX

8151 8141 TPH/DRO Other SV _____ TPH/GRO Other Volatile GC _____

8310 8330 Other HPLC _____ Preparation: 5030 5035

Calibration: 120607

Instrument ID: C

Review Items	Level I Yes	Level I No	Level I N/A	Level 2	Comments
Initial Calibration					
1. Are ICAL date and instrument ID verified?	✓			✓	
2. Is there a sufficient number of calibration points used?	✓			✓	
3. Are reasons for removal of points documented?			✓	✓	
4. Is linearity acceptable, 8000 Series: linear least-squares regression with $r \geq 0.990$, (DOD projects require $r \geq 0.995$) quadratic fit COD $r^2 > 0.990$, or average response factors with RSD ≤ 20%?				✓	
600 Series: < 10% RSD or linear regression	✓				
5. Are the correct RT windows applied to the ICAL integration?	✓			✓	
6. Did the standards pass the resolution check criteria (*CLP only*)?			✓	✓	
7. Are DDT & Endrin breakdown < 15%?	✓			✓	
8. Is each manual integration completely documented and appropriate?	✓			✓	
9. Is traceability of standards properly documented?	✓			✓	
10. Was second-source ICV performed, & was recovery 85-115%	✓			✓	EXCEPT DICOFOL (2°)

1st Level Reviewer: Michael Sullivan Date: 12/8/07

2nd Level Reviewer: S. Castagna Date: 12-13-07

Sequence: C:\HPCHEM\1\SEQUENCE\C120607.S

Sequence Table (Front Injector):

Quantification Part:

Line	Location	SampleName	SampleAmount	ISTDAmt	Multiplier	Dilution
1	Vial 1	PRIMER				
2	Vial 2	EVAL B				
3	Vial 3	HEXANE				
4	Vial 4	AP9 L6 GSV096507 - CS level 6				
5	Vial 5	AP9 L5 GSV096607				
6	Vial 6	AP9 L4 GSV096707				
7	Vial 7	AP9 L3 GSV096807				
8	Vial 8	AP9 L2 GSV096907				
9	Vial 9	AP9 L1 GSV097007				
10	Vial 10	AP9 SS GSV122607 - CCV				
11	Vial 11	AB L6 GSV137307				
12	Vial 12	AB L5 GSV137407				
13	Vial 13	AB L4 GSV137507				
14	Vial 14	AB L3 GSV137607				
15	Vial 15	AB L2 GSV137707				
16	Vial 16	AB L1 GSV137807				
17	Vial 17	AB SS GSV138407 - CCV				
18	Vial 18	TOX L1 GSV098507				
19	Vial 19	TOX SS GSV023807				
20	Vial 20	CHL L1 GSV121207				
21	Vial 21	KDFLR1AA,LCS				
22	Vial 22	KC8RN1AL,335-1				
23	Vial 23	KC8RN1CG,335-1S				
24	Vial 24	KC8RN1CH,335-1D				
25	Vial 25	KC8RW1AL,335-4				
26	Vial 26	KDC5F1AA,BLK				
27	Vial 27	KDFM71AC,LCS				
28	Vial 28	KDFM71AD,LCStox				
29	Vial 29	KDD541AA,211-9				
30	Vial 30	KDD551AA,211-10				
31	Vial 31	AP9 L4 GSV096707				
32	Vial 32	AB L4 GSV137507				
33	Vial 33	TOX L1 GSV098507				
34	Vial 34	KDD561AA,211-11				
35	Vial 35	KDD571AA,211-12				
36	Vial 36	KDD6N1AD,211-15				
37	Vial 37	KDD6X1AG,211-16				
38	Vial 38	KDD611AC,211-17				
39	Vial 39	KDD7A1AC,211-18				
40	Vial 40	KDFM71AA,BLK				
41	Vial 41	KDC0F1AC,LCS				
42	Vial 42	KDC0F1AD,LCSD				
43	Vial 43	KC49F1AC,323-4				
44	Vial 44	KDC0F1AA,BLK				
45	Vial 45	AP9 L4 GSV096707				
46	Vial 46	AB L4 GSV137507				
47	Vial 47	TOX L1 GSV098507				
48	Vial 48	KDCVT1AC,LCS				
49	Vial 49	KDCVT1AD,LCSD				
50	Vial 50	KDCVT1AE,LCS				
51	Vial 51	KC6831AA,173-2				
52	Vial 52	KDCVT1AA,BLK				
53	Vial 53	KDCV51AC,LCS				
54	Vial 54	KDCV51AD,LCSD				
55	Vial 55	KC9EH1AE,136-1				
56	Vial 56	KC9EP1AK,136-4				
57	Vial 57	KDCV51AA,BLK				
58	Vial 58	AP9 L4 GSV096707				
59	Vial 59	AB L4 GSV137507				

Sequence: C:\HPCHEM\1\SEQUENCE\C120607.S

Line	Location	SampleName	SampleAmount	ISTDAmt	Multiplier	Dilution
60	Vial 60	TOX L1 GSV098507				
61	Vial 61	KDCVM1AC,LCS				
62	Vial 62	KDCVM1AD,LCSD				
63	Vial 63	KDCVM1AE,LCStox				
64	Vial 64	KC8CT1AA;279-1				
65	Vial 65	KDCVM1AA,BLK				
66	Vial 66	AP9 L4 GSV096707				
67	Vial 67	AB L4 GSV137507				
68	Vial 68	TOX L1 GSV098507				
69	Vial 99	HEXANE				
70	Vial 100	HEXANE				

Sequence Table (Back Injector):

No entries - empty table!

Report Date : 07-Dec-2007 08:57

STL Denver

INITIAL CALIBRATION DATA

Start Cal Date : 06-DEC-2007 15:04
End Cal Date : 06-DEC-2007 19:27
Quant Method : ESTD
Target Version : 3.50
Integrator : Falcon
Method file : /chem/GC_C.i/C120607-1.b/C_8081_1.m
Cal Date : 07-Dec-2007 08:52 kellisom

Calibration File Names:
Level 1: /chem/GC_C.i/C120607-1.b/C#A-016f1601.d
Level 2: /chem/GC_C.i/C120607-1.b/C#A-015f1501.d
Level 3: /chem/GC_C.i/C120607-1.b/C#A-014f1401.d
Level 4: /chem/GC_C.i/C120607-1.b/C#A-020f2001.d
Level 5: /chem/GC_C.i/C120607-1.b/C#A-012f1201.d
Level 6: /chem/GC_C.i/C120607-1.b/C#A-011f1101.d

Compound	5 Level 1	10 Level 2	25 Level 3	50 Level 4	75 Level 5	100 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2
2 Diallate	14636773	26845194	66381903	91903856	131633328	269436507	WLINR	-53.58470	26111		0.99944
3 Hexachlorobenzene	3958862	9650265	23478888	48211662	74604333	98681596	WLINR	0.93184	1000658		0.99850
4 alpha-BHC	1238008	1276148	1291209	1331380	1336873	1368558	AVRG		1307029		3.62711
5 gamma-BHC (Lindane)	1148373	1219093	1219054	1243300	1240788	1271411	AVRG		1223670		3.40289
6 Technical Chlordane (1)	+++++	+++++	+++++	2158506	+++++	+++++	LINR	0.000e+00	43170		1.00000
(2)	+++++	+++++	+++++	2608949	+++++	+++++	LINR	0.000e+00	52179		1.00000
(3)	+++++	+++++	+++++	5839236	+++++	+++++	LINR	0.000e+00	116785		1.00000
(4)	+++++	+++++	+++++	5386956	+++++	+++++	LINR	0.000e+00	107739		1.00000
(5)	+++++	+++++	+++++	2116538	+++++	+++++	LINR	0.000e+00	42331		1.00000
7 beta-BHC	2292171	5632877	13377338	26737939	39838064	54054500	WLINR	-0.31885	534096		0.99975
8 Heptachlor	1017986	1021982	994080	995881	987597	994955	AVRG		1002080		1.41975
9 delta-BHC	1167640	1255896	1240687	1276464	1270779	1332780	AVRG		1257374		4.29214
10 Aldrin	1171319	1203697	1179885	1191048	1177164	1201972	AVRG		1187514		1.13670
16 Toxaphene (1)	+++++	+++++	+++++	420208	+++++	+++++	LINR	0.000e+00	2101		1.00000
(2)	+++++	+++++	+++++	1145146	+++++	+++++	LINR	0.000e+00	5726		1.00000
(3)	+++++	+++++	+++++	1555976	+++++	+++++	LINR	0.000e+00	7780		1.00000
(4)	+++++	+++++	+++++	3011881	+++++	+++++	LINR	0.000e+00	15059		1.00000
(5)	+++++	+++++	+++++	2444691	+++++	+++++	LINR	0.000e+00	12223		1.00000

STL Denver

INITIAL CALIBRATION DATA

Start Cal Date : 06-DEC-2007 15:04
End Cal Date : 06-DEC-2007 19:27
Quant Method : ESTD
Target Version : 3.50
Integrator : Falcon
Method file : /chem/GC_C.i/C120607-1.b/C_8081_1.m
Cal Date : 07-Dec-2007 08:52 kellisom

Compound	5 Level 1	10 Level 2	25 Level 3	50 Level 4	75 Level 5	100 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2
11 Chlorpyrifos	12554955	23109175	54942372	74178962	103806702	199812501	QUAD	-5.33721	2.364e-06	8.320e-16	0.99996
12 Isodrin/Dicofol	26050078	49856699	122515789	165146065	232287298	450587808	QUAD	-3.08359	1.049e-06	1.501e-16	0.99993
13 Heptachlor epoxide	1062489	1049172	1026969	1033407	1014808	1036850	AVRG		1037283		1.61513
14 Gamma-Chlordane	1116192	1110906	1101219	1118347	1104424	1135541	AVRG		1114438		1.09986
15 2,4'-DDE	3977140	7572938	18650507	25369344	36046171	69763028	QUAD	-0.41825	1.356e-06	1.191e-15	0.99998
17 alpha-Chlordane	1094435	1105886	1087636	1099810	1088726	1115520	AVRG		1098669		0.97680
18 Endosulfan I	1027292	1045173	1021971	1018291	1001524	1019126	AVRG		1022229		1.38756
19 4,4'-DDE	1116353	1151163	1147707	1170273	1166673	1187036	AVRG		1156534		2.09782
20 Dieldrin	1123871	1132352	1135175	1147811	1131079	1152989	AVRG		1137213		0.96697
21 2,4'-DDD	3302792	6271619	15338819	20767043	29614147	57494563	QUAD	-0.55299	1.666e-06	1.436e-15	0.99996
22 Chlorobenzilate	4259879	7740276	17017443	21830501	30424676	56370422	QUAD	-22.92888	0.00002	3.973e-14	0.99973
23 Endrin	915324	951416	934782	915524	921025	978488	AVRG		936093		2.66654
24 2,4'-DDT	3440477	6661124	16573905	22404963	31787470	61922203	QUAD	-0.39436	1.539e-06	1.328e-15	0.99995
25 Kepone	17260272	33639987	88042086	116640610	180663849	365625364	QUAD	3.03529	2.892e-06	-4.598e-16	0.99936
26 4,4'-DDD	835278	846524	880879	909613	900401	926384	AVRG		883180		4.08419
27 Endosulfan II	1004310	972944	941380	944932	927354	949450	AVRG		956728		2.88813
28 4,4'-DDT	724564	757059	742391	759311	756822	791120	AVRG		755211		2.91064
29 Endrin aldehyde	830032	821396	801335	806372	785156	791059	AVRG		805891		2.14504
30 Endosulfan sulfate	1002976	963118	939073	932485	913061	924485	AVRG		945866		3.44782
31 Methoxychlor	1596873	4110929	9717788	18953685	28043310	38623598	WLINR	-0.23478	383446		0.99892
32 Endrin ketone	1038536	1022899	989379	980647	963996	984889	AVRG		996724		2.82241
33 Mirex	3298660	7678212	17908313	35201466	52067672	71443216	WLINR	-0.74618	699369		0.99966
35 DBPP	4459740	21148860	123811131	193994252	350027696	881722974	QUAD	315	7.343e-06	-2.315e-15	0.99773

STL Denver

INITIAL CALIBRATION DATA

Start Cal Date : 06-DEC-2007 15:04
End Cal Date : 06-DEC-2007 19:27
Quant Method : ESTD
Target Version : 3.50
Integrator : Falcon
Method file : /chem/GC_C.i/C120607-1.b/C_8081_1.m
Cal Date : 07-Dec-2007 08:52 kellisom

Compound	5 Level 1	10 Level 2	25 Level 3	50 Level 4	75 Level 5	100 Level 6	Curve	Coefficients b	Coefficients m1	Coefficients m2	%RSD or R^2
$ 1 Tetrachloro-m-xylene	959752	936810	941358	952481	939122	951729	AVRG		946875		0.95945
$ 34 Decachlorobiphenyl	4023723	9419222	22030461	43500888	84257411	87461244	WLINR	-0.70026	861635		0.99973

Curve	Formula	Units
Averaged	Amt = Rsp/m1	Response
Linear	Amt = b + Rsp/m1	Response
Wt Linear	Amt = b + Rsp/m1	Response
Quad	Amt = b + m1*Rsp + m2*Rsp^2	Response

Report Date: 07-Dec-2007 08:57

Calibration History

Method : /chem/GC_C.i/C120607-1.b/C_8081_1.m
Start Cal Date: 06-DEC-2007 15:04
End Cal Date : 06-DEC-2007 19:27

Initial Calibration

Injection Date	Sublist	Calibration File
Cal Level: 1 , Cal Amount: 5.00000		
06-DEC-2007 18:21	1-INDAB	/chem/GC_C.i/C120607-1.b/C#A-016f1601.d
06-DEC-2007 16:26	2-AP9	/chem/GC_C.i/C120607-1.b/C#A-009f0901.d
Cal Level: 2 , Cal Amount: 10.00000		
06-DEC-2007 18:05	1-INDAB	/chem/GC_C.i/C120607-1.b/C#A-015f1501.d
06-DEC-2007 16:10	2-AP9	/chem/GC_C.i/C120607-1.b/C#A-008f0801.d
Cal Level: 3 , Cal Amount: 25.00000		
06-DEC-2007 17:48	1-INDAB	/chem/GC_C.i/C120607-1.b/C#A-014f1401.d
06-DEC-2007 15:53	2-AP9	/chem/GC_C.i/C120607-1.b/C#A-007f0701.d
Cal Level: 4 , Cal Amount: 50.00000		
06-DEC-2007 19:27	4-CHLORDANE	/chem/GC_C.i/C120607-1.b/C#A-020f2001.d
06-DEC-2007 18:54	3-TOXAPHENE	/chem/GC_C.i/C120607-1.b/C#A-018f1801.d
06-DEC-2007 17:32	1-INDAB	/chem/GC_C.i/C120607-1.b/C#A-013f1301.d
06-DEC-2007 15:37	2-AP9	/chem/GC_C.i/C120607-1.b/C#A-006f0601.d
Cal Level: 5 , Cal Amount: 75.00000		
06-DEC-2007 17:15	1-INDAB	/chem/GC_C.i/C120607-1.b/C#A-012f1201.d
06-DEC-2007 15:20	2-AP9	/chem/GC_C.i/C120607-1.b/C#A-005f0501.d
Cal Level: 6 , Cal Amount: 100.00000		
06-DEC-2007 16:59	1-INDAB	/chem/GC_C.i/C120607-1.b/C#A-011f1101.d
06-DEC-2007 15:04	2-AP9	/chem/GC_C.i/C120607-1.b/C#A-004f0401.d

Continuing Calibration
Ccal Level Mode: GLOBAL LEVEL 4

Ccal Level: 3 , Ccal Amount: 25.000		
06-DEC-2007 18:37	1-INDAB	/chem/GC_C.i/C120607-1.b/C#A-017f1701.d
Ccal Level: 3 , Ccal Amount: 25.000		
06-DEC-2007 16:42	2-AP9	/chem/GC_C.i/C120607-1.b/C#A-010f1001.d
Ccal Level: 3 , Ccal Amount: 25.000		
06-DEC-2007 14:15	EVALB	/chem/GC_C.i/C120607-1.b/C#A-002f0201.d
Ccal Level: 4 , Ccal Amount: 50.000		
06-DEC-2007 17:32	1-INDAB	/chem/GC_C.i/C120607-1.b/C#A-013f1301.d
Ccal Level: 4 , Ccal Amount: 50.000		
06-DEC-2007 15:37	2-AP9	/chem/GC_C.i/C120607-1.b/C#A-006f0601.d
Ccal Level: 4 , Ccal Amount: 50.000		
06-DEC-2007 19:10	3-TOXAPHENE	/chem/GC_C.i/C120607-1.b/C#A-019f1901.d
Ccal Level: 4 , Ccal Amount: 50.000		
06-DEC-2007 18:54	3-TOXAPHENE	/chem/GC_C.i/C120607-1.b/C#A-018f1801.d
Ccal Level: 4 , Ccal Amount: 50.000		
06-DEC-2007 19:27	4-CHLORDANE	/chem/GC_C.i/C120607-1.b/C#A-020f2001.d

Data File: /chem/GC_C.i/C120607-1.b/C#A-002f0201.d
Report Date: 12/07/2007

EVALB Degradation Report

Instrument ID: GC_C.i Injection Date: 06-DEC-2007 14:15
Lab File ID: C#A-002f0201.d Lab Sample ID: EVAL B
Analysis Type: NONE Method File: /chem/GC_C.i/C120607-1.b/C_8081_1.m

4,4'-DDT Degradation

RT	Area	Compound
6.8636	37502077	4,4'-DDT
	0	4,4'-DDE
6.5236	343471	4,4'-DDD

Percent Degradation of 4,4'-DDT: 0.91

Endrin Degradation

RT	Area	Compound
6.3020	28731315	Endrin
6.9512	680726	Endrin aldehyde
7.8653	1132740	Endrin ketone

Percent Degradation of Endrin: 5.94

Data File: /chem/GC_C.i/C120607-1.b/C#A-010f1001.d
Report Date: 12/07/2007

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: GC_C.i Injection Date: 06-DEC-2007 16:42
Lab File ID: C#A-010f1001.d Lab Sample ID: AP9 SS GSV122607
Analysis Type: NONE Method File: /chem/GC_C.i/C120607-1.b/C_8081_1.m

COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D
117 Diallate	2500.0000	2635.5046	5.4	15.0
118 chlorpyrifos	125.0000	125.2479	0.2	15.0
119 Isodrin/Dicofol	125.0000	126.0845	0.9	15.0
121 2,4'-DDE	25.0000	25.9543	3.8	15.0
122 2,4'-DDD	25.0000	26.8264	7.3	15.0
125 Chlorobenzilate	250.0000	284.0641	13.6	15.0
123 2,4'-DDT	25.0000	25.5406	2.2	15.0
124 Kepone	250.0000	347.7650	39.1	53.0
126 DBPP	1250.0000	1196.7536	4.3	15.0

Average %D = 8.53

Data File: /chem/GC_C.i/C120607-1.b/C#A-017f1701.d
Report Date: 12/07/2007

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: GC_C.i
Lab File ID: C#A-017f1701.d
Analysis Type: NONE

Injection Date: 06-DEC-2007 18:37
Lab Sample ID: AB SS GSV138407
Method File: /chem/GC_C.i/C120607-1.b/C_8081_1.m

	COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D
22	Tetrachloro-m-xylene	25.0000	26.1359	4.5	15.0
127	Hexachlorobenzene	25.0000	25.7669	3.1	15.0
1	alpha-BHC	25.0000	24.8401	0.6	15.0
5	gamma-BHC (Lindane)	25.0000	24.8150	0.7	15.0
2	beta-BHC	25.0000	24.7604	1.0	15.0
17	Heptachlor	25.0000	24.7968	0.8	15.0
3	delta-BHC	25.0000	23.5880	5.6	15.0
10	Aldrin	25.0000	24.4063	2.4	15.0
18	Heptachlor epoxide	25.0000	24.6666	1.3	15.0
6	gamma-Chlordane	25.0000	24.4369	2.3	15.0
100	alpha-Chlordane	25.0000	24.4617	2.2	15.0
12	Endosulfan I	25.0000	24.4510	2.2	15.0
8	4,4'-DDE	25.0000	24.6634	1.3	15.0
57	Dieldrin	25.0000	24.6603	1.4	15.0
15	Endrin	25.0000	23.7374	5.1	15.0
7	4,4'-DDD	25.0000	24.5319	1.9	15.0
101	Endosulfan II	25.0000	24.2615	3.0	15.0
102	4,4'-DDT	25.0000	23.3241	6.7	15.0
16	Endrin aldehyde	25.0000	23.7936	4.8	15.0
14	Endosulfan sulfate	25.0000	24.0315	3.9	15.0
103	Methoxychlor	25.0000	23.8178	4.7	15.0
17	Endrin ketone	25.0000	23.7906	4.8	15.0
106	Mirex	25.0000	26.0645	4.3	15.0
21	Decachlorobiphenyl	25.0000	24.9841	0.1	15.0

Average %D = 2.86

Data File: /chem/GC_C.i/C120607-1.b/C#A-019f1901.d
Report Date: 12/07/2007

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: GC_C.i
Injection Date: 06-DEC-2007 19:10
Lab File ID: C#A-019f1901.d
Lab Sample ID: TOX SS GSV023807
Analysis Type: NONE
Method File: /chem/GC_C.i/C120607-1.b/C_8081_1.m

COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D
20 Toxaphene .	200.0000	229.7865	14.9	15.0

Average %D = 14.9

STL Denver

INITIAL CALIBRATION DATA

Start Cal Date : 06-DEC-2007 15:04
End Cal Date : 06-DEC-2007 19:27
Quant Method : ESTD
Target Version : 3.50
Integrator : Falcon
Method file : /chem/GC_C.i/C120607-2.b/C_8081_2.m
Cal Date : 07-Dec-2007 10:51 kellisom

Calibration File Names:
Level 1: /chem/GC_C.i/C120607-2.b/C#B-016f1601.d
Level 2: /chem/GC_C.i/C120607-2.b/C#B-015f1501.d
Level 3: /chem/GC_C.i/C120607-2.b/C#B-014f1401.d
Level 4: /chem/GC_C.i/C120607-2.b/C#B-020f2001.d
Level 5: /chem/GC_C.i/C120607-2.b/C#B-012f1201.d
Level 6: /chem/GC_C.i/C120607-2.b/C#B-011f1101.d

Compound	5 Level 1	10 Level 2	25 Level 3	50 Level 4	75 Level 5	100 Level 6	Curve	Coefficients b	Coefficients m1	Coefficients m2	%RSD or R^2
2 Diallate	20310324	36942896	87229708	117665967	167093197	329288654	WLINR	-122	32742		0.99985
3 alpha-BHC	1944704	1962076	1986844	1973896	1938894	1956050	AVRG		1960411		0.91590
4 Hexachlorobenzene	6699333	15758998	40083323	77295444	112380774	149216206	WLINR	0.55213	1567174		0.99684
5 gamma-BHC (Lindane)	1788370	1772635	1731372	1705471	1669994	1709157	AVRG		1729500		2.56788
6 beta-BHC	832308	776796	788692	770687	751186	751661	AVRG		778555		3.86588
7 Technical Chlordane(1)	+++++	+++++	+++++	3427076	+++++	+++++	LINR	0.000e+00	68542		1.00000
(2)	+++++	+++++	+++++	3178116	+++++	+++++	LINR	0.000e+00	63562		1.00000
(3)	+++++	+++++	+++++	9828639	+++++	+++++	LINR	0.000e+00	196573		1.00000
(4)	+++++	+++++	+++++	7530934	+++++	+++++	LINR	0.000e+00	150619		1.00000
(5)	+++++	+++++	+++++	2399252	+++++	+++++	LINR	0.000e+00	47985		1.00000
8 delta-BHC	1732540	1751973	1770156	1801759	1778593	1804705	AVRG		1773287		1.58508
9 Heptachlor	1805392	1733005	1693910	1657414	1595074	1598478	AVRG		1680545		4.84096
10 Chlorpyrifos	17117518	32470897	75692148	99934758	136881590	253033428	QUAD	-5.46001	1.673e-06	1.291e-15	0.99986
11 Toxaphene(1)	+++++	+++++	+++++	994153	+++++	+++++	LINR	0.000e+00	4971		1.00000
(2)	+++++	+++++	+++++	3490829	+++++	+++++	LINR	0.000e+00	17454		1.00000
(3)	+++++	+++++	+++++	2965267	+++++	+++++	LINR	0.000e+00	14826		1.00000
(4)	+++++	+++++	+++++	4312428	+++++	+++++	LINR	0.000e+00	21562		1.00000
(5)	+++++	+++++	+++++	1385656	+++++	+++++	LINR	0.000e+00	6928		1.00000

STL Denver

INITIAL CALIBRATION DATA

Start Cal Date : 06-DEC-2007 15:04
End Cal Date : 06-DEC-2007 19:27
Quant Method : ESTD
Target Version : 3.50
Integrator : Falcon
Method file : /chem/GC_C.i/C120607-2.b/C_8081_2.m
Cal Date : 07-Dec-2007 10:51 kellisom

Compound	5 Level 1	10 Level 2	25 Level 3	50 Level 4	75 Level 5	100 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2
12 Aldrin	1724282	1738119	1710165	1685667	1649167	1660411	AVRG		1694635		2.09963
13 Dicofol	7512474	13736427	31924246	43086132	57676541	110026897	QUAD	-15.51382	8.231e-06	9.191e-15	0.99967
14 Isodrin	38950468	72534209	170811226	225950261	309336488	566411539	QUAD	-4.62272	7.276e-07	2.894e-16	0.99991
15 Heptachlor epoxide	1663376	1614798	1553589	1529624	1477429	1468405	AVRG		1551204		4.94304
16 2,4'-DDE	6713753	12537436	29712135	38163534	53403823	100986092	WLINR	-1.48386	1056564		0.99654
17 gamma-Chlordane	1681296	1619918	1598298	1613328	1590428	1606997	AVRG		1618378		2.01183
18 alpha-Chlordane	1678110	1600821	1566541	1579458	1556330	1562276	AVRG		1590589		2.87310
19 Endosulfan I	6220758	14518253	36396273	72733937	106161670	143003554	WLINR	-0.34742	1424913		0.99981
20 4,4'-DDE	1649038	1692002	1672086	1693453	1658317	1667294	AVRG		1672032		1.06885
21 2,4'-DDD	4819036	9283043	23272359	31097208	43721568	83354977	QUAD	-0.32943	1.083e-06	1.459e-15	0.99991
22 Dieldrin	1703990	1693441	1656113	1649699	1603853	1610952	AVRG		1653008		2.48540
23 Chlorobenzilate	5974688	10975188	24040471	31227741	44719280	78564351	QUAD	-11.63377	0.00001	3.545e-14	0.99956
24 Endrin	1376730	1408813	1383728	1353408	1336709	1399215	AVRG		1376434		1.98405
25 2,4'-DDT	5374608	10186596	25787576	34847403	49183929	93605861	QUAD	-0.13510	9.612e-07	1.162e-15	0.99995
26 4,4'-DDD	1326378	1326689	1277424	1290889	1264008	1282440	AVRG		1294638		2.02368
27 Endosulfan II	6260755	15331581	35196306	68310552	99906061	135227728	WLINR	-0.69465	1359088		0.99855
28 Kepone	16677635	34305788	99521427	133997467	206784929	423350183	QUAD	13.13669	2.457e-06	-3.019e-16	0.99953
29 Endrin aldehyde	4762966	11581198	27695199	55449352	79985136	106040357	WLINR	-0.45344	1080414		0.99940
30 4,4'-DDT	1190563	1173218	1159485	1182736	1167755	1196283	AVRG		1178340		1.19083
31 Endosulfan sulfate	5275958	12676643	30394635	60354188	87902339	118359887	WLINR	-0.47947	1186627		0.99972
32 Methoxychlor	592181	582495	550156	581961	546550	558007	AVRG		568558		3.39800
33 Endrin ketone	5929833	14485312	34346676	67612324	97574843	130426275	WLINR	-0.53437	1326573		0.99908
34 Mirex	4378634	9926964	22660892	44318452	64740443	87910216	WLINR	-1.08604	869155		0.99950
36 DBPP	6368063	30883275	170981421	258790836	456745665	1.089e+09	QUAD	297	5.543e-06	-1.134e-15	0.99822

STL Denver

INITIAL CALIBRATION DATA

Start Cal Date : 06-DEC-2007 15:04
End Cal Date : 06-DEC-2007 19:27
Quant Method : ESTD
Target Version : 3.50
Integrator : Falcon
Method file : /chem/GC_C.i/C120607-2.b/C_8081_2.m
Cal Date : 07-Dec-2007 10:51 kellisom

Compound	5 Level 1	10 Level 2	25 Level 3	50 Level 4	75 Level 5	100 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2
$ 1 Tetrachloro-m-xylene	1505398	1471561	1430098	1402616	1365341	1359087	AVRG		1422350		4.10197
$ 35 Decachlorobiphenyl	5541368	12690458	29175349	56673195	82498798	110837518	WLINR	-1.05261	1109942		0.99930

Curve	Formula	Units
Averaged	Amt = Rsp/m1	Response
Linear	Amt = b + Rsp/m1	Response
Wt Linear	Amt = b + Rsp/m1	Response
Quad	Amt = b + m1*Rsp + m2*Rsp^2	Response

Report Date: 07-Dec-2007 10:59

Calibration History

Method : /chem/GC_C.i/C120607-2.b/C_8081_2.m
Start Cal Date: 06-DEC-2007 15:04
End Cal Date : 06-DEC-2007 19:27

Initial Calibration

Injection Date	Sublist	Calibration File
Cal Level: 1 , Cal Amount: 5.00000		
06-DEC-2007 18:21	1-INDAB	/chem/GC_C.i/C120607-2.b/C#B-016f1601.d
06-DEC-2007 16:26	2-AP9	/chem/GC_C.i/C120607-2.b/C#B-009f0901.d
Cal Level: 2 , Cal Amount: 10.00000		
06-DEC-2007 18:05	1-INDAB	/chem/GC_C.i/C120607-2.b/C#B-015f1501.d
06-DEC-2007 16:10	2-AP9	/chem/GC_C.i/C120607-2.b/C#B-008f0801.d
Cal Level: 3 , Cal Amount: 25.00000		
06-DEC-2007 17:48	1-INDAB	/chem/GC_C.i/C120607-2.b/C#B-014f1401.d
06-DEC-2007 15:53	2-AP9	/chem/GC_C.i/C120607-2.b/C#B-007f0701.d
Cal Level: 4 , Cal Amount: 50.00000		
06-DEC-2007 19:27	4-CHLORDANE	/chem/GC_C.i/C120607-2.b/C#B-020f2001.d
06-DEC-2007 18:54	3-TOXAPHENE	/chem/GC_C.i/C120607-2.b/C#B-018f1801.d
06-DEC-2007 17:32	1-INDAB	/chem/GC_C.i/C120607-2.b/C#B-013f1301.d
06-DEC-2007 15:37	2-AP9	/chem/GC_C.i/C120607-2.b/C#B-006f0601.d
Cal Level: 5 , Cal Amount: 75.00000		
06-DEC-2007 17:15	1-INDAB	/chem/GC_C.i/C120607-2.b/C#B-012f1201.d
06-DEC-2007 15:20	2-AP9	/chem/GC_C.i/C120607-2.b/C#B-005f0501.d
Cal Level: 6 , Cal Amount: 100.00000		
06-DEC-2007 16:59	1-INDAB	/chem/GC_C.i/C120607-2.b/C#B-011f1101.d
06-DEC-2007 15:04	2-AP9	/chem/GC_C.i/C120607-2.b/C#B-004f0401.d

Continuing Calibration
Ccal Level Mode: GLOBAL LEVEL 3

Ccal Level: 3 , Ccal Amount: 25.000		
06-DEC-2007 14:15	EVALB	/chem/GC_C.i/C120607-2.b/C#B1002f0201.d
Ccal Level: 3 , Ccal Amount: 25.000		
06-DEC-2007 18:37	1-INDAB	/chem/GC_C.i/C120607-2.b/C#B-017f1701.d
Ccal Level: 3 , Ccal Amount: 25.000		
06-DEC-2007 16:42	2-AP9	/chem/GC_C.i/C120607-2.b/C#B-010f1001.d
Ccal Level: 4 , Ccal Amount: 50.000		
06-DEC-2007 15:37	2-AP9	/chem/GC_C.i/C120607-2.b/C#B-006f0601.d
Ccal Level: 4 , Ccal Amount: 50.000		
06-DEC-2007 19:27	4-CHLORDANE	/chem/GC_C.i/C120607-2.b/C#B-020f2001.d
Ccal Level: 4 , Ccal Amount: 50.000		
06-DEC-2007 19:10	3-TOXAPHENE	/chem/GC_C.i/C120607-2.b/C#B-019f1901.d
Ccal Level: 4 , Ccal Amount: 50.000		
06-DEC-2007 18:54	3-TOXAPHENE	/chem/GC_C.i/C120607-2.b/C#B-018f1801.d
Ccal Level: 4 , Ccal Amount: 50.000		
06-DEC-2007 17:32	1-INDAB	/chem/GC_C.i/C120607-2.b/C#B-013f1301.d

Data File: /chem/GC_C.i/C120607-2.b/C#B-002f0201.d
Report Date: 12/07/2007

EVALB Degradation Report

Instrument ID: GC_C.i Injection Date: 06-DEC-2007 14:15
Lab File ID: C#B-002f0201.d Lab Sample ID: EVAL B
Analysis Type: NONE Method File: /chem/GC_C.i/C120607-2.b/C_8081_2.m

4,4'-DDT Degradation

RT	Area	Compound
7.4528	58774286	4,4'-DDT
6.4470	159487	4,4'-DDE
7.1020	1096064	4,4'-DDD

Percent Degradation of 4,4'-DDT: 2.09

Endrin Degradation

RT	Area	Compound
6.8703	41949439	Endrin
7.3353	929635	Endrin aldehyde
8.1037	1650118	Endrin ketone

Percent Degradation of Endrin: 5.79

Data File: /chem/GC_C.i/C120607-2.b/C#B-010f1001.d
Report Date: 12/07/2007

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: GC_C.i Injection Date: 06-DEC-2007 16:42
Lab File ID: C#B-010f1001.d Lab Sample ID: AP9 SS GSV122607
Analysis Type: NONE Method File: /chem/GC_C.i/C120607-2.b/C_8081_2.m

COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D	
123 Diallate	2500.0000	2685.0848	7.4	15.0	
124 Chlorpyrifos	125.0000	125.1792	0.1	15.0	
134 Dicofol	250.0000	296.2822	18.5	15.0	<-
125 Isodrin	125.0000	127.1336	1.7	15.0	
127 2,4'-DDE	25.0000	24.6375	1.5	15.0	
128 2,4'-DDD	25.0000	26.3177	5.3	15.0	
131 Chlorobenzilate	250.0000	259.2251	3.7	15.0	
129 2,4'-DDT	25.0000	25.4302	1.7	15.0	
130 Kepone	250.0000	354.3481	41.7	53.0	
132 DBPP	1250.0000	1218.1649	2.5	15.0	

Average %D = 8.42

Data File: /chem/GC_C.i/C120607-2.b/C#B-017f1701.d
Report Date: 12/07/2007

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: GC_C.i
Lab File ID: C#B-017f1701.d
Analysis Type: NONE

Injection Date: 06-DEC-2007 18:37
Lab Sample ID: AB.SS GSV138407
Method File: /chem/GC_C.i/C120607-2.b/C_8081_2.m

	COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D
24	Tetrachloro-m-xylene	25.0000	26.4413	5.8	15.0
2	alpha-BHC	25.0000	25.4525	1.8	15.0
133	Hexachlorobenzene	25.0000	27.0878	8.4	15.0
5	gamma-BHC (Lindane)	25.0000	25.0581	0.2	15.0
2	beta-BHC	25.0000	25.0521	0.2	15.0
4	delta-BHC	25.0000	23.6411	5.4	15.0
122	Heptachlor	25.0000	24.5628	1.7	15.0
1	Aldrin	25.0000	24.8149	0.7	15.0
19	Heptachlor epoxide	25.0000	25.0465	0.2	15.0
7	gamma-Chlordane	25.0000	24.4424	2.2	15.0
6	alpha-Chlordane	25.0000	24.4529	2.2	15.0
12	Endosulfan I	25.0000	24.8962	0.4	15.0
9	4,4'-DDE	25.0000	25.0179	0.1	15.0
11	Dieldrin	25.0000	24.6203	1.5	15.0
15	Endrin	25.0000	23.8659	4.5	15.0
8	4,4'-DDD	25.0000	24.4417	2.2	15.0
13	Endosulfan II	25.0000	24.0020	4.0	15.0
16	Endrin aldehyde	25.0000	24.5615	1.8	15.0
10	4,4'-DDT	25.0000	23.6491	5.4	15.0
14	Endosulfan sulfate	25.0000	24.8396	0.6	15.0
21	Methoxychlor	25.0000	24.4520	2.2	15.0
17	Endrin ketone	25.0000	24.2985	2.8	15.0
22	Mirex	25.0000	26.5109	6.0	15.0
23	Decachlorobiphenyl	25.0000	25.3923	1.6	15.0

Average %D = 2.59

Data File: /chem/GC_C.i/C120607-2.b/C#B-019f1901.d
Report Date: 12/07/2007

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: GC_C.i
Lab File ID: C#B-019f1901.d
Analysis Type: NONE

Injection Date: 06-DEC-2007 19:10
Lab Sample ID: TOX SS GSV023807
Method File: /chem/GC_C.i/C120607-2.b/C_8081_2.m

COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D
108 Toxaphene	200.0000	212.4567	6.2	15.0

Average %D = 6.23

Data File: /chem/GC_C.i/C120607-1.b/C#A-002f0201.d Page 1
Report Date: 07-Dec-2007 09:01

STL Denver

Data file : /chem/GC_C.i/C120607-1.b/C#A-002f0201.d
Lab Smp Id: EVAL B
Inj Date : 06-DEC-2007 14:15
Operator : MPK Inst ID: GC_C.i
Smp Info : EVAL B
Misc Info : Column 1-J&W 30m 0.32mm ID 0.25um df DB-35MS
Comment :
Method : /chem/GC_C.i/C120607-1.b/C_8081_1.m
Meth Date : 07-Dec-2007 09:01 kellisom Quant Type: ESTD
Cal Date : 06-DEC-2007 19:27 Cal File: C#A-020f2001.d
Als bottle: 2 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: EVALB.sub
Target Version: 3.50
Processing Host: chemsv04

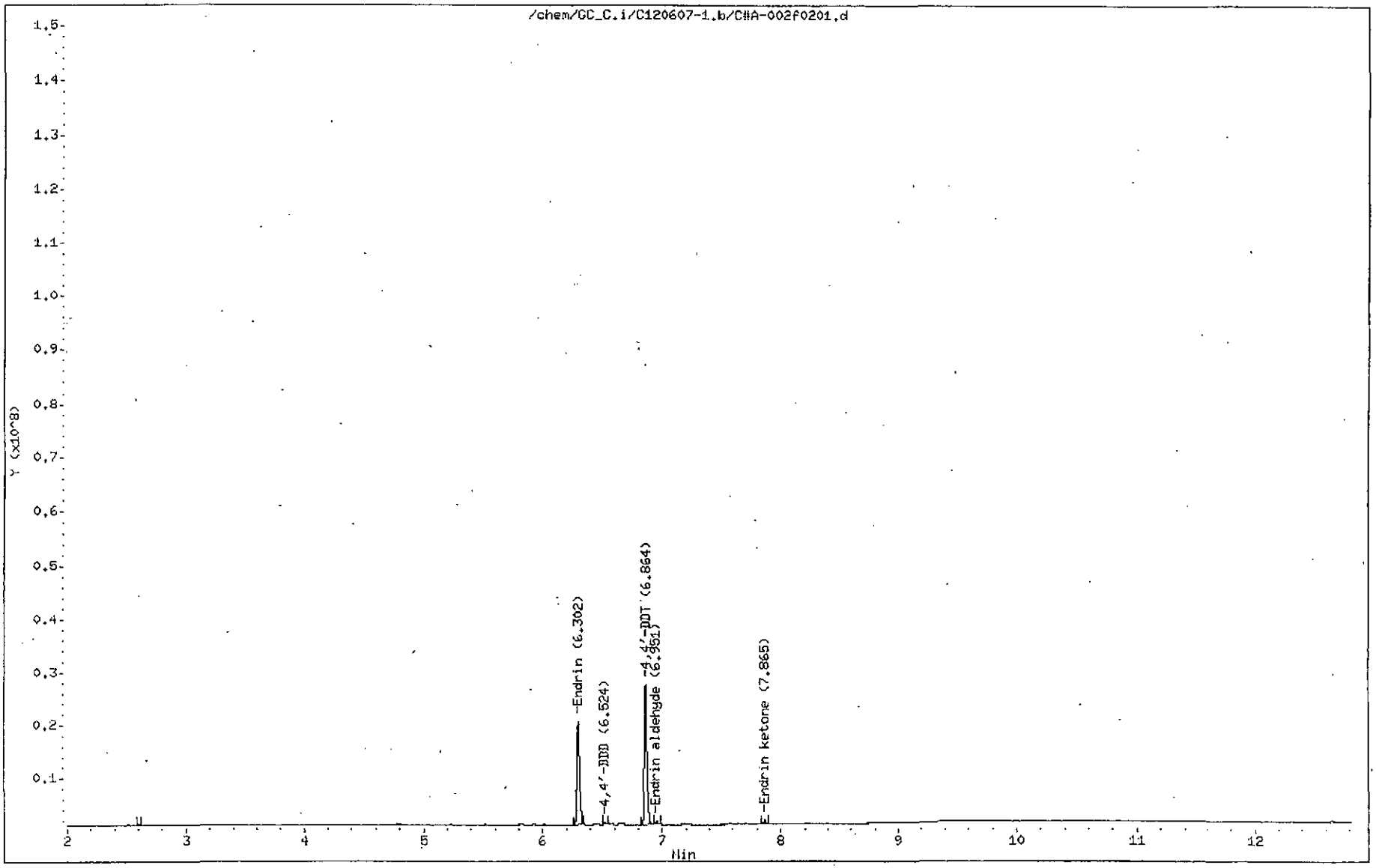
Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ng/ml)	AMOUNTS ON-COL (ng/ml)
19 4,4'-DDE	Compound Not Detected.					
23 Endrin	6.302	6.300	0.002	28731315	50.0000	30.693
28 4,4'-DDT	6.864	6.863	0.001	37502077	50.0000	49.658
29 Endrin aldehyde	6.951	6.950	0.001	680726	50.0000	0.84469
32 Endrin ketone	7.865	7.863	0.002	1132740	50.0000	1.1365

Data File: /chem/GC_C.i/C120607-1.b/C#A-002f0201.d
Date : 06-DEC-2007 14:15
Client ID:
Sample Info: EVAL B

Column phase: DB-35MS

Instrument: GC_C.i

Operator: MPK
Column diameter: 0.32



Data File: /chem/GC_C.i/C120607-1.b/C#A-004f0401.d Page 1
Report Date: 07-Dec-2007 09:01

STL Denver

Data file : /chem/GC_C.i/C120607-1.b/C#A-004f0401.d
Lab Smp Id: AP9 L6 GSV096507
Inj Date : 06-DEC-2007 15:04
Operator : MPK Inst ID: GC_C.i
Smp Info : AP9 L6 GSV096507
Misc Info : Column 1-J&W 30m 0.32mm ID 0.25um df DB-35MS
Comment :
Method : /chem/GC_C.i/C120607-1.b/C_8081_1.m
Meth Date : 07-Dec-2007 09:01 kellisom Quant Type: ESTD
Cal Date : 06-DEC-2007 19:27 Cal File: C#A-020f2001.d
Als bottle: 4 Calibration Sample, Level: 6
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 2-AP9.sub
Target Version: 3.50
Processing Host: chemsv04

					AMOUNTS	
					CAL-AMT	ON-COL
Compounds	RT	EXP RT	DLT RT	RESPONSE	(ng/ml)	(ng/ml)
2 Diallate	3.855	3.855	0.000	269436507	10000.0	10265 (A)
11 chlorpyrifos	4.983	4.984	-0.001	199812501	500.000	500.18 (A)
12 Isodrin/Dicofol	5.175	5.175	0.000	450587808	500.000	500.22 (A)
15 2,4'-DDE	5.505	5.506	-0.001	69763028	100.000	100.00 (A)
21 2,4'-DDD	6.028	6.030	-0.002	57494563	100.000	100.00 (A)
22 Chlorobenzilate	6.153	6.155	-0.002	56370422	1000.00	1000.6 (A)
24 2,4'-DDT	6.375	6.377	-0.002	61922203	100.000	100.03 (A)
25 Kepone	6.431	6.434	-0.003	365625364	1000.00	998.83 (A)
35 DBPP	11.100	11.100	0.000	881722974	5000.00	4989.9

QC Flag Legend

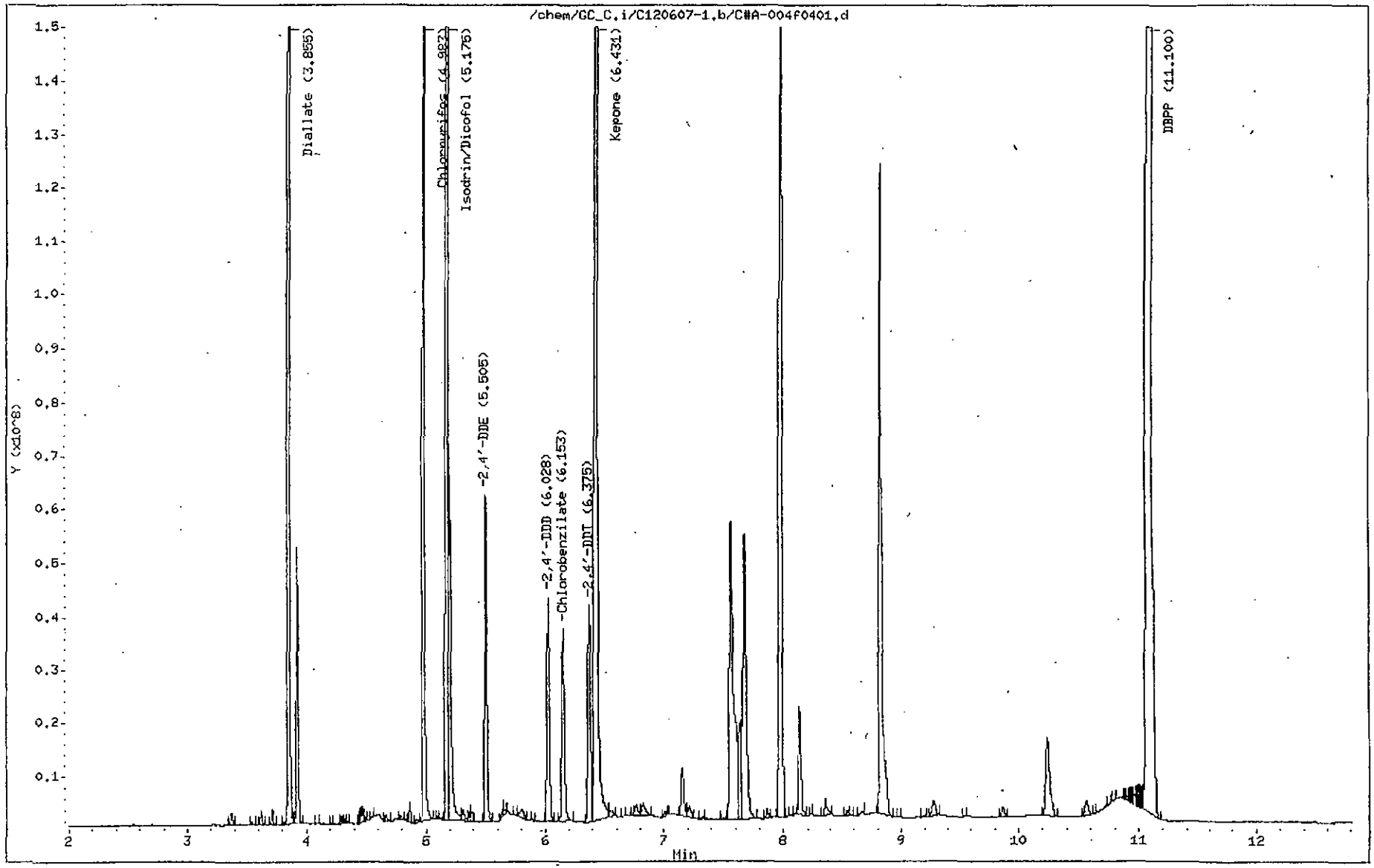
A - Target compound detected but, quantitated amount exceeded maximum amount.

Data File: /chem/GC_C.i/C120607-1.b/C#A-004f0401.d
Date : 06-DEC-2007 15:04
Client ID:
Sample Info: AP9 L6 GSV096507

Column phase: DB-35MS

Instrument: GC_C.i

Operator: MPK
Column diameter: 0.32



Data File: /chem/GC_C.i/C120607-1.b/C#A-005f0501.d Page 1
Report Date: 08-Dec-2007 10:21

STL Denver

Data file : /chem/GC_C.i/C120607-1.b/C#A-005f0501.d
Lab Smp Id: AP9 L5 GSV096607
Inj Date : 06-DEC-2007 15:20
Operator : MPK Inst ID: GC_C.i
Smp Info : AP9 L5 GSV096607
Misc Info : Column 1-J&W 30m 0.32mm ID 0.25um df DB-35MS
Comment :
Method : /chem/GC_C.i/C120607-1.b/C_8081_1.m
Meth Date : 07-Dec-2007 13:02 kellisom Quant Type: ESTD
Cal Date : 06-DEC-2007 19:27 Cal File: C#A-020f2001.d
Als bottle: 5 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 2-AP9.sub
Target Version: 3.50
Processing Host: chemsv04

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ng/ml)	AMOUNTS ON-COL (ng/ml)
2 Diallate	3.855	3.854	0.001	131633328	5000.00	4987.7(A)
11 chlorpyrifos	4.983	4.983	0.000	103806702	250.000	249.00
12 Isodrin/Dicofol	5.175	5.173	0.002	232287298	250.000	248.77(A)
15 2,4'-DDE	5.505	5.504	0.001	36046171	50.0000	50.023
21 2,4'-DDD	6.030	6.028	0.002	29614147	50.0000	50.056
22 Chlorobenzilate	6.154	6.155	-0.001	30424676	500.000	498.15(A)
24 2,4'-DDT	6.376	6.375	0.001	31787470	50.0000	49.884
25 Kepone	6.434	6.433	0.001	180663849	500.000	510.44(A)
35 DBPP	11.101	11.102	-0.001	350027696	2500.00	2601.7

QC Flag Legend

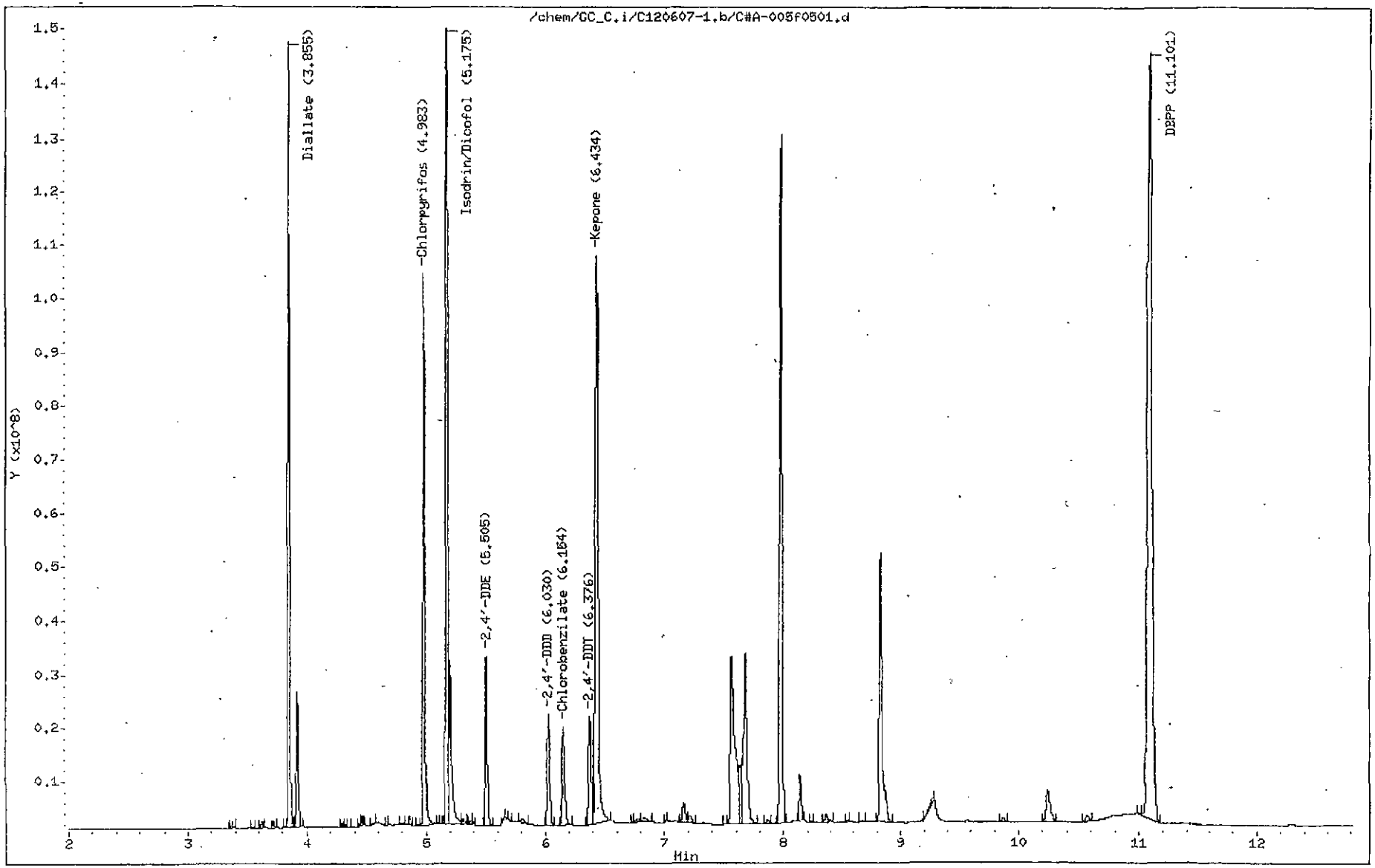
A - Target compound detected but, quantitated amount exceeded maximum amount.

Data File: /chem/GC_C.i/C120607-1.b/C#A-005f0501.d
Date : 06-DEC-2007 15:20
Client ID:
Sample Info: AP9 L5 GSV096607

Column phase: DB-35MS

Instrument: GC_C.i

Operator: MPK
Column diameter: 0.32



Data File: /chem/GC_C.i/C120607-1.b/C#A-006f0601.d Page 1
Report Date: 07-Dec-2007 09:01

STL Denver

Data file : /chem/GC_C.i/C120607-1.b/C#A-006f0601.d
Lab Smp Id: AP9 L4 GSV096707
Inj Date : 06-DEC-2007 15:37
Operator : MPK Inst ID: GC_C.i
Smp Info : AP9 L4 GSV096707
Misc Info : Column 1-J&W 30m 0.32mm ID 0.25um df DB-35MS
Comment :
Method : /chem/GC_C.i/C120607-1.b/C_8081_1.m
Meth Date : 07-Dec-2007 09:01 kellisom Quant Type: ESTD
Cal Date : 06-DEC-2007 19:27 Cal File: C#A-020f2001.d
Als bottle: 6 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 2-AP9.sub
Target Version: 3.50
Processing Host: chemsv04

					AMOUNTS	
Compounds	RT	EXP RT	DLT RT	RESPONSE	CAL-AMT (ng/ml)	ON-COL (ng/ml)
2 Diallate	3.855	3.855	0.000	91903856	3500.00	3466.1(A)
11 chlorpyrifos	4.984	4.984	0.000	74178962	175.000	174.58
12 Isodrin/Dicofol	5.175	5.175	0.000	165146065	175.000	174.31(A)
15 2,4'-DDE	5.506	5.506	0.000	25369344	35.0000	34.760
21 2,4'-DDD	6.030	6.030	0.000	20767043	35.0000	34.673
22 Chlorobenzilate	6.155	6.155	0.000	21830501	350.000	343.50(A)
24 2,4'-DDT	6.377	6.377	0.000	22404963	35.0000	34.765
25 Kepone	6.434	6.434	0.000	116640610	350.000	334.06(A)
35 DBPP	11.100	11.100	0.000	193994252	1750.00	1652.5

QC Flag Legend

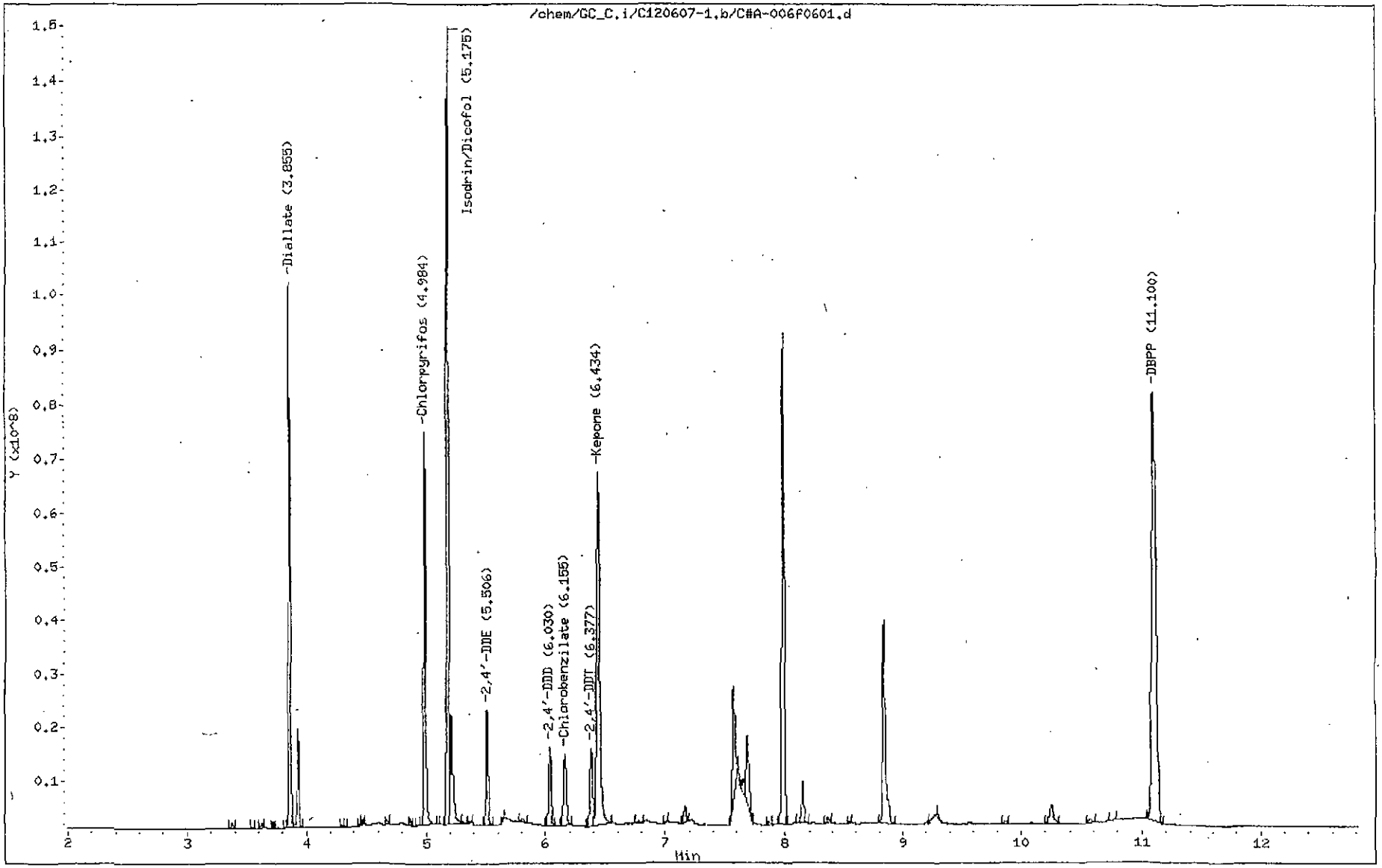
A - Target compound detected but, quantitated amount exceeded maximum amount.

Data File: /chem/GC_C.i/C120607-1.b/C#A-006F0601.d
Date : 06-DEC-2007 15:37
Client ID:
Sample Info: AP9 L4 GSV096707

Column phase: DB-35MS

Instrument: GC_C.i

Operator: MPK
Column diameter: 0.32



Data File: /chem/GC_C.i/C120607-1.b/C#A-007f0701.d Page 1
Report Date: 07-Dec-2007 09:01

STL Denver

Data file : /chem/GC_C.i/C120607-1.b/C#A-007f0701.d
Lab Smp Id: AP9 L3 GSV096807
Inj Date : 06-DEC-2007 15:53
Operator : MPK Inst ID: GC_C.i
Smp Info : AP9 L3 GSV096807
Misc Info : Column 1-J&W 30m 0.32mm ID 0.25um df DB-35MS
Comment :
Method : /chem/GC_C.i/C120607-1.b/C_8081_1.m
Meth Date : 07-Dec-2007 09:01 kellisom Quant Type: ESTD
Cal Date : 06-DEC-2007 19:27 Cal File: C#A-020f2001.d
Als bottle: 7 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 2-AP9.sub
Target Version: 3.50
Processing Host: chemsv04

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ng/ml)	AMOUNTS ON-COL (ng/ml)
2 Diallate	3.854	3.855	-0.001	66381903	2500.00	2488.7(A)
11 chlorpyrifos	4.984	4.984	0.000	54942372	125.000	127.04
12 Isodrin/Dicofol	5.174	5.175	-0.001	122515789	125.000	127.73(A)
15 2,4'-DDE	5.505	5.506	-0.001	18650507	25.0000	25.294
21 2,4'-DDD	6.029	6.030	-0.001	15338819	25.0000	25.346
22 Chlorobenzilate	6.154	6.155	-0.001	17017443	250.000	259.46(A)
24 2,4'-DDT	6.376	6.377	-0.001	16573905	25.0000	25.486
25 Kepone	6.432	6.434	-0.002	88042086	250.000	254.06(A)
35 DBPP	11.102	11.100	0.002	123811131	1250.00	1188.8

QC Flag Legend

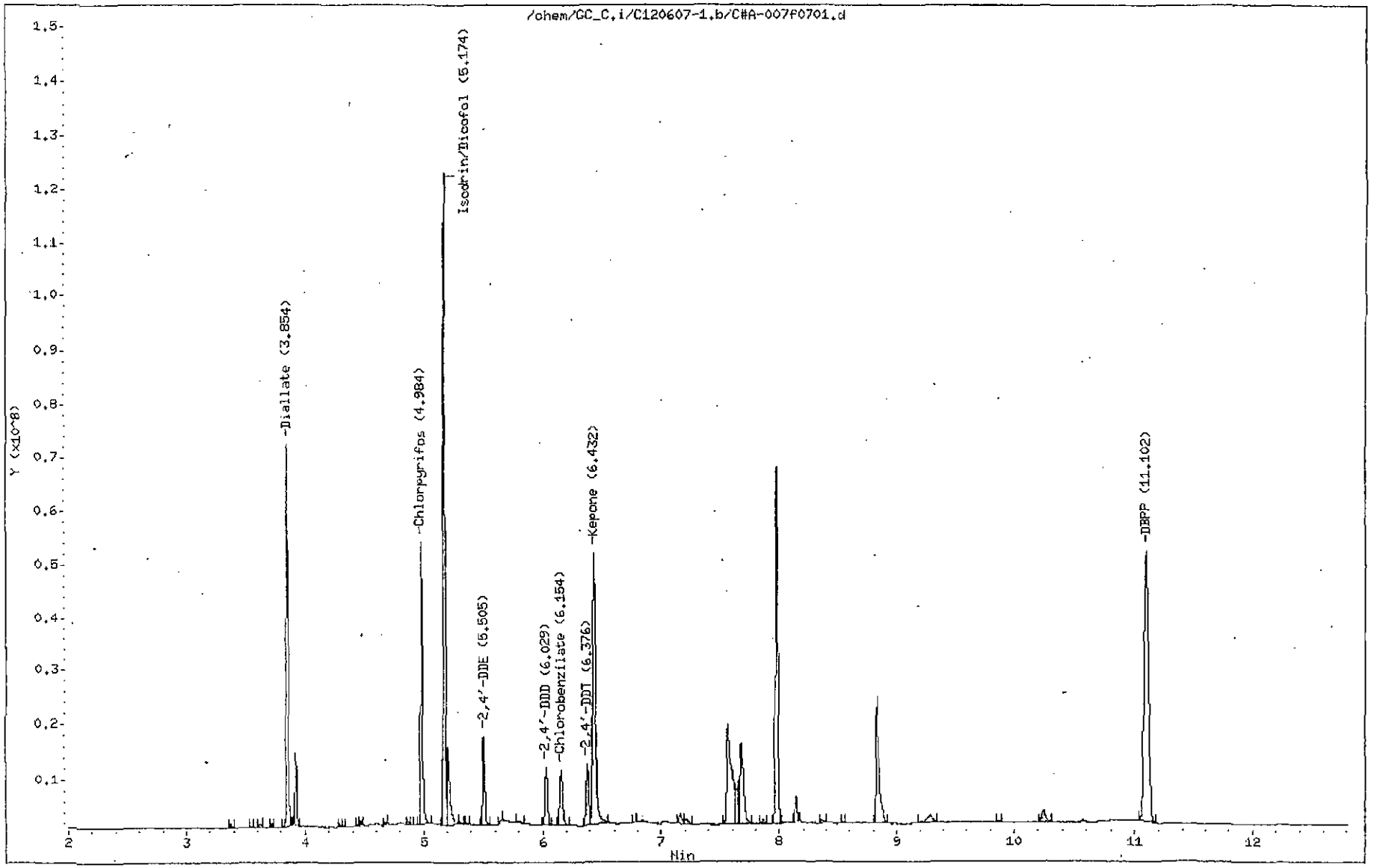
A - Target compound detected but, quantitated amount exceeded maximum amount.

Data File: /chem/GC_C.i/C120607-1.b/C#A-007f0701.d
Date : 06-DEC-2007 15:53
Client ID:
Sample Info: AP9 L3 GSV096807

Column phase: DB-35MS

Instrument: GC_C.i

Operator: MPK
Column diameter: 0.32



Data File: /chem/GC_C.i/C120607-1.b/C#A-008f0801.d
Report Date: 07-Dec-2007 09:01

STL Denver

Data file : /chem/GC_C.i/C120607-1.b/C#A-008f0801.d
Lab Smp Id: AP9 L2 GSV096907
Inj Date : 06-DEC-2007 16:10
Operator : MPK Inst ID: GC_C.i
Smp Info : AP9 L2 GSV096907
Misc Info : Column 1-J&W 30m 0.32mm ID 0.25um df DB-35MS
Comment :
Method : /chem/GC_C.i/C120607-1.b/C_8081_1.m
Meth Date : 07-Dec-2007 09:01 kellisom Quant Type: ESTD
Cal Date : 06-DEC-2007 19:27 Cal File: C#A-020f2001.d
Als bottle: 8 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 2-AP9.sub
Target Version: 3.50
Processing Host: chemsv04

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ng/ml)	ON-COL (ng/ml)
2 Diallate	3.854	3.855	-0.001	26845194	1000.00	974.53(A)
11 chlorpyrifos	4.983	4.984	-0.001	23109175	50.0000	49.731
12 Isodrin/Dicofol	5.173	5.175	-0.002	49856699	50.0000	49.608(A)
15 2,4'-DDE	5.505	5.506	-0.001	7572938	10.0000	9.9222
21 2,4'-DDD	6.028	6.030	-0.002	6271619	10.0000	9.9547
22 Chlorobenzilate	6.155	6.155	0.000	7740276	100.000	102.66(A)
24 2,4'-DDT	6.375	6.377	-0.002	6661124	10.0000	9.9193
25 Kepone	6.435	6.434	-0.001	33639987	100.000	99.790
35 DBPP	11.099	11.100	-0.001	21148860	500.000	469.34

QC Flag Legend

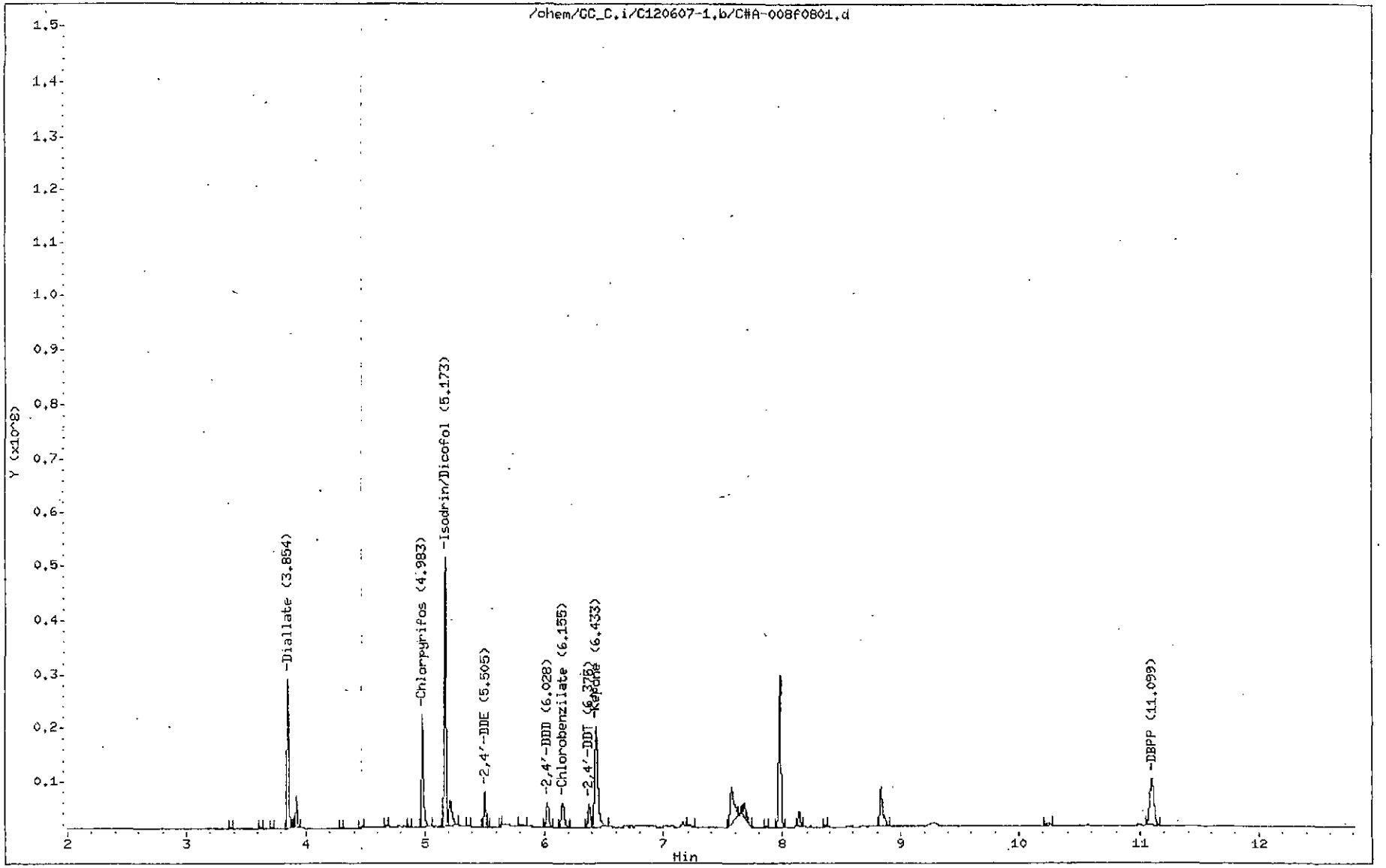
A - Target compound detected but, quantitated amount exceeded maximum amount.

Data File: /chem/GC_C.i/C120607-1.b/C#A-008f0801.d
Date : 06-DEC-2007 16:10
Client ID:
Sample Info: AP9 L2 GSV098907

Column phase: DB-35MS

Instrument: GC_C.i

Operator: MPK
Column diameter: 0.32



Data File: /chem/GC_C.i/C120607-1.b/C#A-009f0901.d Page 1
Report Date: 07-Dec-2007 09:01

STL Denver

Data file : /chem/GC_C.i/C120607-1.b/C#A-009f0901.d
Lab Smp Id: AP9 L1 GSV097007
Inj Date : 06-DEC-2007 16:26
Operator : MPK Inst ID: GC_C.i
Smp Info : AP9 L1 GSV097007
Misc Info : Column 1-J&W 30m 0.32mm ID 0.25um df DB-35MS
Comment :
Method : /chem/GC_C.i/C120607-1.b/C_8081_1.m
Meth Date : 07-Dec-2007 09:01 kellisom Quant Type: ESTD
Cal Date : 06-DEC-2007 19:27 Cal File: C#A-020f2001.d
Als bottle: 9 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 2-AP9.sub
Target Version: 3.50
Processing Host: chemsv04

					AMOUNTS	
					CAL-AMT	ON-COL
Compounds	RT	EXP RT	DLT RT	RESPONSE	(ng/ml)	(ng/ml)
2 Diallate	3.854	3.855	-0.001	14636773	500.000	506.97(A)
11 chlorpyrifos	4.983	4.984	-0.001	12554955	25.0000	24.470
12 Isodrin/Dicofol	5.173	5.175	-0.002	26050078	25.0000	24.354(A)
15 2,4'-DDE	5.504	5.506	-0.002	3977140	5.00000	4.9953
21 2,4'-DDD	6.028	6.030	-0.002	3302792	5.00000	4.9665
22 Chlorobenzilate	6.155	6.155	0.000	4259879	50.0000	45.601
24 2,4'-DDT	6.375	6.377	-0.002	3440477	5.00000	4.9180
35 DBPP	11.102	11.100	0.002	4459740	250.000	347.78

QC Flag Legend

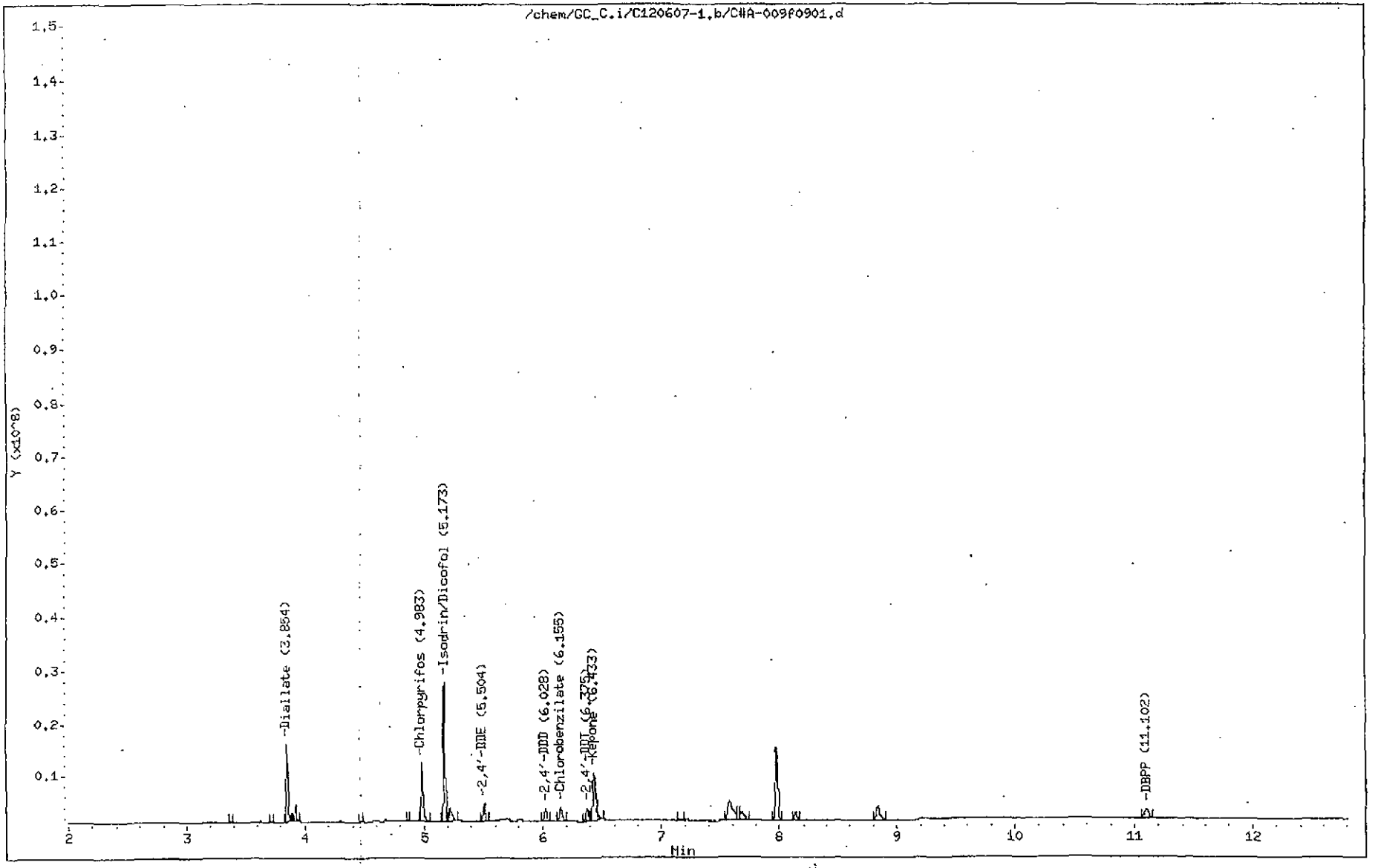
A - Target compound detected but, quantitated amount exceeded maximum amount.

Data File: /chem/GC_C.i/C120607-1.b/C#A-009F0901.d
Date : 06-DEC-2007 16:26
Client ID:
Sample Info: AP9 Li CSV097007

Column phase: DB-35MS

Instrument: GC_C.i

Operator: MPK
Column diameter: 0.32



Data File: /chem/GC_C.i/C120607-1.b/C#A-010f1001.d Page 1
Report Date: 07-Dec-2007 09:01

STL Denver

Data file : /chem/GC_C.i/C120607-1.b/C#A-010f1001.d
Lab Smp Id: AP9 SS GSV122607
Inj Date : 06-DEC-2007 16:42
Operator : MPK Inst ID: GC_C.i
Smp Info : AP9 SS GSV122607
Misc Info : Column 1-J&W 30m 0.32mm ID 0.25um df DB-35MS
Comment :
Method : /chem/GC_C.i/C120607-1.b/C_8081_1.m
Meth Date : 07-Dec-2007 09:01 kellisom Quant Type: ESTD
Cal Date : 06-DEC-2007 19:27 Cal File: C#A-020f2001.d
Als bottle: 10 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 2-AP9.sub
Target Version: 3.50
Processing Host: chemsv04

					AMOUNTS	
					CAL-AMT	ON-COL
Compounds	RT	EXP RT	DLT RT	RESPONSE	(ng/ml)	(ng/ml)
2 Diallate	3.854	3.855	-0.001	70215233	3500.00	2635.5(A)
11 chlorpyrifos	4.983	4.984	-0.001	54211241	175.000	125.25
12 Isodrin/Dicofol	5.174	5.175	-0.001	120997070	175.000	126.08(A)
15 2,4'-DDE	5.506	5.506	0.000	19121643	35.0000	25.954
21 2,4'-DDD	6.029	6.030	-0.001	16203728	35.0000	26.826
22 Chlorobenzilate	6.154	6.155	-0.001	18437446	350.000	284.06(A)
24 2,4'-DDT	6.376	6.377	-0.001	16608404	35.0000	25.540
25 Kepone	6.432	6.434	-0.002	121565070	350.000	347.76(A)
35 DBPP	11.100	11.100	0.000	124993812	1750.00	1196.8

QC Flag Legend

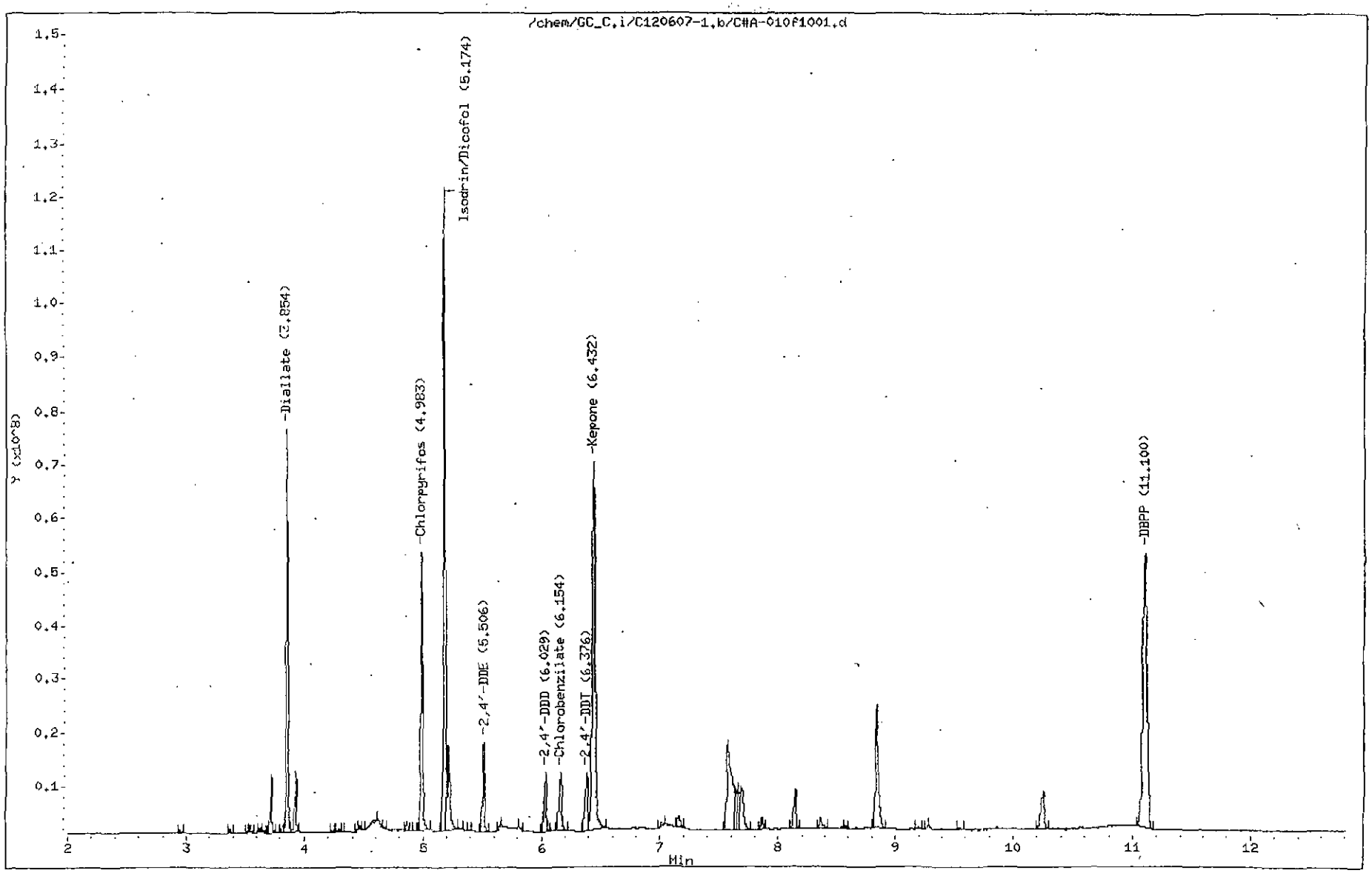
A - Target compound detected but, quantitated amount exceeded maximum amount.

Data File: /chem/GC_C.i/C120607-1.b/C#A-010f1001.d
Date : 06-DEC-2007 16:42
Client ID:
Sample Info: AP9 SS GSV122607

Column phase: DB-35MS

Instrument: GC_C.i

Operator: MPK
Column diameter: 0.32



Data File: ./chem/GC_C.i/C120607-1.b/C#A-011f1101.d Page 1
Report Date: 07-Dec-2007 09:02

STL Denver

Data file : /chem/GC_C.i/C120607-1.b/C#A-011f1101.d
Lab Smp Id: AB L6 GSV137307
Inj Date : 06-DEC-2007 16:59
Operator : MPK Inst ID: GC_C.i
Smp Info : AB L6 GSV137307
Misc Info : Column 1-J&W 30m 0.32mm ID 0.25um df DB-35MS
Comment :
Method : /chem/GC_C.i/C120607-1.b/C_8081_1.m
Meth Date : 07-Dec-2007 09:01 kellisom Quant Type: ESTD
Cal Date : 06-DEC-2007 19:27 Cal File: C#A-020f2001.d
Als bottle: 11 Calibration Sample, Level: 6
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 1-INDAB.sub
Target Version: 3.50
Processing Host: chemsv04

	Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ng/ml)	AMOUNTS ON-COL (ng/ml)
$ 1	Tetrachloro-m-xylene	3.583	3.583	0.000	95172862	100.000	100.51(A)
3	Hexachlorobenzene	4.018	4.018	0.000	98681596	100.000	99.548
4	alpha-BHC	4.110	4.110	0.000	136855846	100.000	104.71(A)
5	gamma-BHC (Lindane)	4.396	4.396	0.000	127141126	100.000	103.90(A)
7	beta-BHC	4.592	4.592	0.000	54054500	100.000	100.89(A)
8	Heptachlor	4.650	4.650	0.000	99495516	100.000	99.289
9	delta-BHC	4.785	4.785	0.000	133277965	100.000	106.00(A)
10	Aldrin	4.866	4.865	0.001	120197238	100.000	101.22(A)
13	Heptachlor epoxide	5.289	5.289	0.000	103685016	100.000	99.958
14	gamma-Chlordane	5.493	5.492	0.001	113554147	100.000	101.89(A)
17	alpha-Chlordane	5.583	5.582	0.001	111551963	100.000	101.53(A)
18	Endosulfan I	5.630	5.629	0.001	101912615	100.000	99.696
19	4,4'-DDE	5.807	5.807	0.000	118703606	100.000	102.64(A)
20	Dieldrin	5.930	5.928	0.002	115298875	100.000	101.39(A)
23	Endrin	6.303	6.300	0.003	97848781	100.000	104.53(A)
26	4,4'-DDD	6.518	6.517	0.001	92638413	100.000	104.89(A)
27	Endosulfan II	6.664	6.661	0.003	94945008	100.000	99.239
28	4,4'-DDT	6.865	6.863	0.002	79112049	100.000	104.75(A)
29	Endrin aldehyde	6.953	6.950	0.003	79105855	100.000	98.159
30	Endosulfan sulfate	7.200	7.198	0.002	92448460	100.000	97.739
31	Methoxychlor	7.699	7.698	0.001	38623598	100.000	100.49(A)
32	Endrin ketone	7.865	7.863	0.002	98488919	100.000	98.812
33	Mirex	7.980	7.978	0.002	71443216	100.000	101.41
$ 34	Decachlorobiphenyl	9.097	9.095	0.002	87461244	100.000	100.80(A)

QC Flag Legend

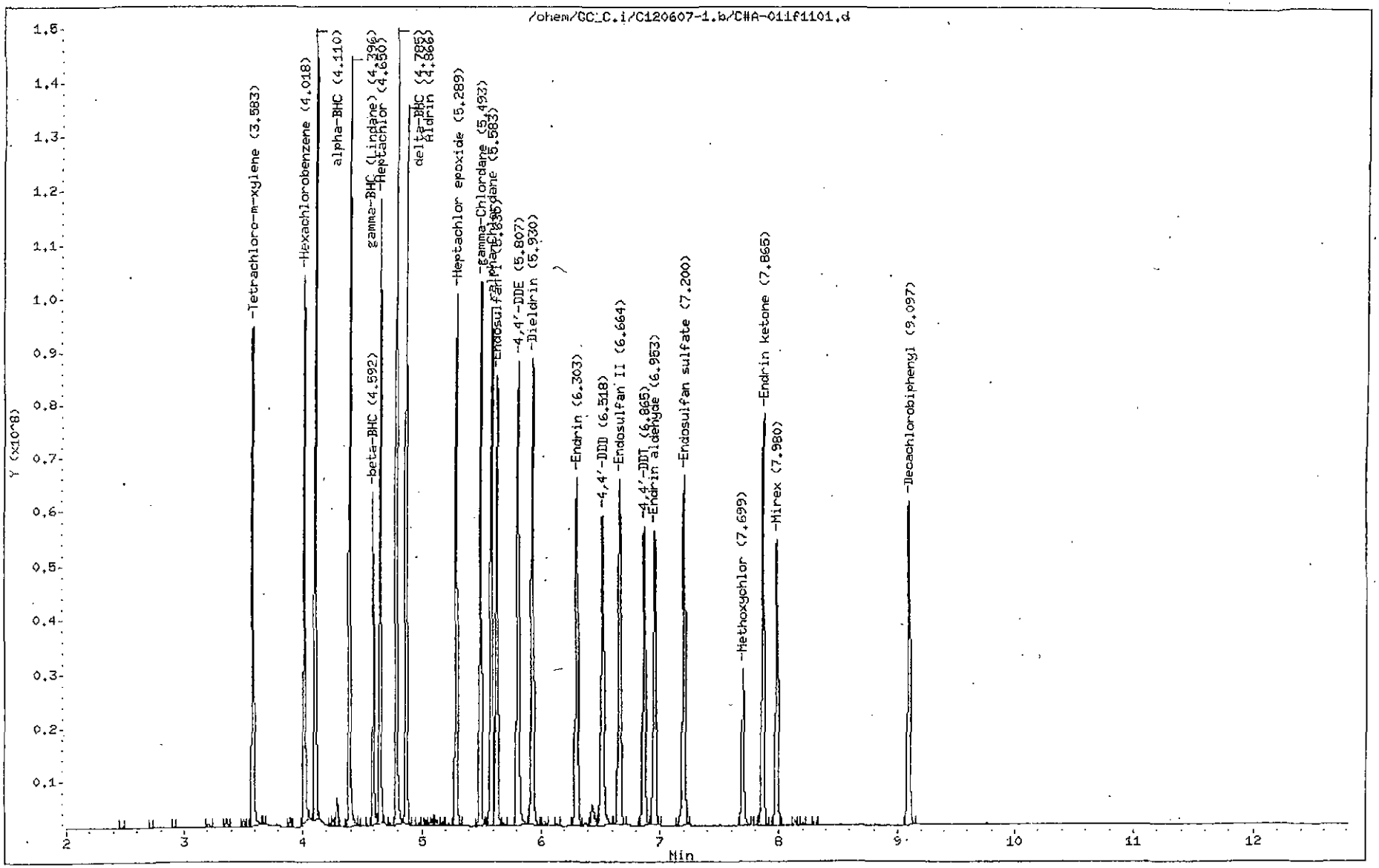
A - Target compound detected but, quantitated amount exceeded maximum amount.

Data File: /chem/GC_C.i/C120607-1.b/C#A-011f1101.d
Date : 06-DEC-2007 16:59
Client ID:
Sample Info: AB L6 GSV137307

Column phase: DB-35MS

Instrument: GC_C.i

Operator: MPK
Column diameter: 0.32



Data File: /chem/GC_C.i/C120607-1.b/C#A-012f1201.d Page 1
Report Date: 07-Dec-2007 09:02

STL Denver

Data file : /chem/GC_C.i/C120607-1.b/C#A-012f1201.d
Lab Smp Id: AB L5 GSV137407
Inj Date : 06-DEC-2007 17:15
Operator : MPK Inst ID: GC_C.i
Smp Info : AB L5 GSV137407
Misc Info : Column 1-J&W 30m 0.32mm ID 0.25um df DB-35MS
Comment :
Method : /chem/GC_C.i/C120607-1.b/C_8081_1.m
Meth Date : 07-Dec-2007 09:01 kellisom Quant Type: ESTD
Cal Date : 06-DEC-2007 19:27 Cal File: C#A-020f2001.d
Als bottle: 12 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 1-INDAB.sub
Target Version: 3.50
Processing Host: chemsv04

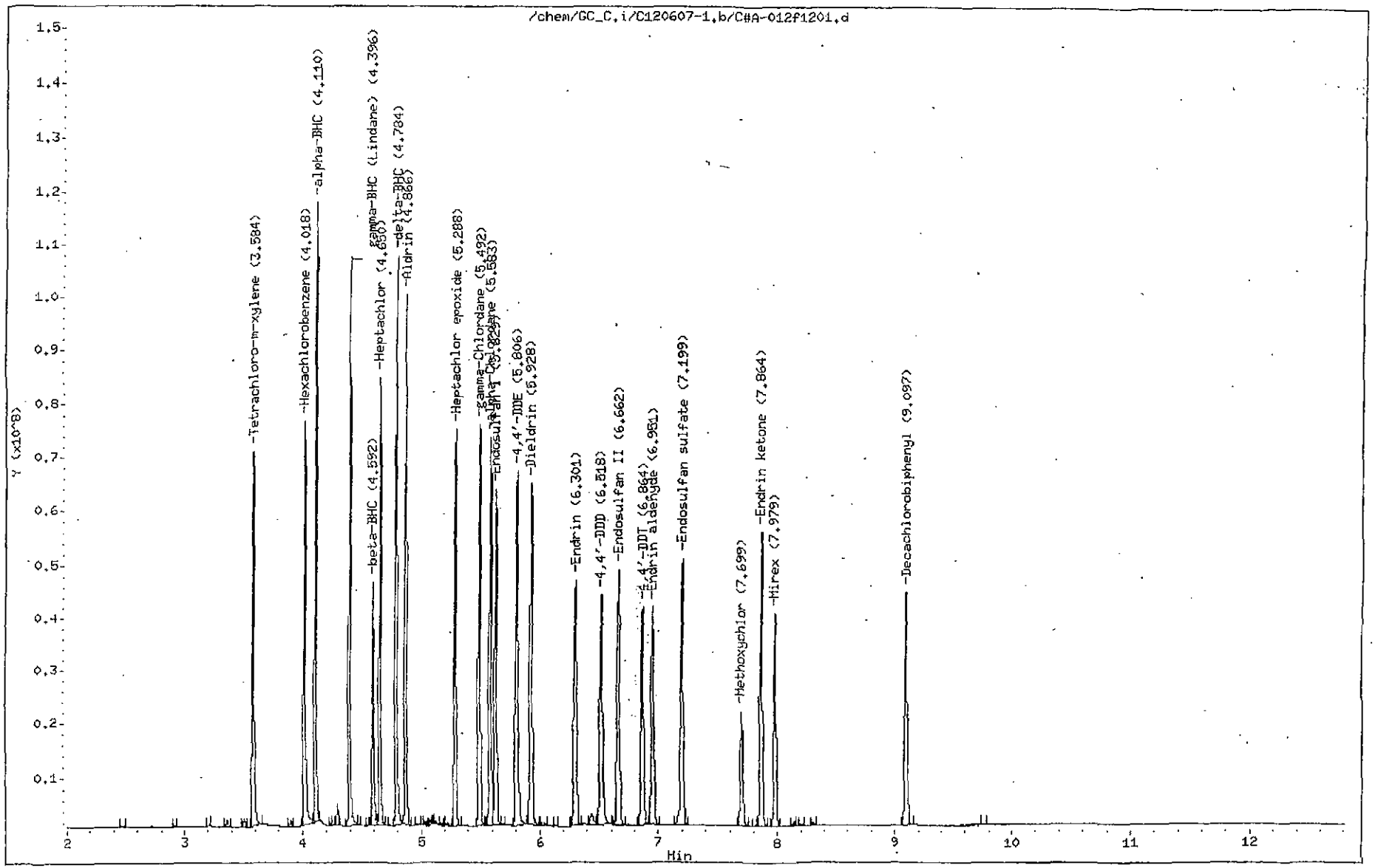
	Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ng/ml)	AMOUNTS ON-COL (ng/ml)
$ 1	Tetrachloro-m-xylene	3.584	3.583	0.001	70434128	75.0000	74.386
3	Hexachlorobenzene	4.018	4.018	0.000	74604333	75.0000	75.487
4	alpha-BHC	4.110	4.110	0.000	100265455	75.0000	76.712
5	gamma-BHC (Lindane)	4.396	4.396	0.000	93059080	75.0000	76.049
7	beta-BHC	4.592	4.592	0.000	39838064	75.0000	74.271
8	Heptachlor	4.650	4.650	0.000	74069760	75.0000	73.916
9	delta-BHC	4.784	4.785	-0.001	95308396	75.0000	75.800
10	Aldrin	4.866	4.865	0.001	88287296	75.0000	74.346
13	Heptachlor epoxide	5.288	5.289	-0.001	76110619	75.0000	73.375
14	gamma-Chlordane	5.492	5.492	0.000	82831776	75.0000	74.326
17	alpha-Chlordane	5.583	5.582	0.001	81654472	75.0000	74.321
18	Endosulfan I	5.629	5.629	0.000	75114292	75.0000	73.481
19	4,4'-DDE	5.806	5.807	-0.001	87500467	75.0000	75.657
20	Dieldrin	5.928	5.928	0.000	84830918	75.0000	74.595
23	Endrin	6.301	6.300	0.001	69076846	75.0000	73.793
26	4,4'-DDD	6.518	6.517	0.001	67530089	75.0000	76.462
27	Endosulfan II	6.662	6.661	0.001	69551576	75.0000	72.697
28	4,4'-DDT	6.864	6.863	0.001	56761667	75.0000	75.160
29	Endrin aldehyde	6.951	6.950	0.001	58886673	75.0000	73.070
30	Endosulfan sulfate	7.199	7.198	0.001	68479564	75.0000	72.399
31	Methoxychlor	7.699	7.698	0.001	28043310	75.0000	72.900
32	Endrin ketone	7.864	7.863	0.001	72299721	75.0000	72.537
33	Mirex	7.979	7.978	0.001	52067672	75.0000	73.703
$ 34	Decachlorobiphenyl	9.097	9.095	0.002	64257411	75.0000	73.876

Data File: /chem/GC_C.i/C120607-1.b/C#A-012f1201.d
Date : 06-DEC-2007 17:15
Client ID:
Sample Info: AB L5 CSV137407

Column phase: DB-35MS

Instrument: GC_C.i

Operator: MPK
Column diameter: 0.32



Data File: /chem/GC_C.i/C120607-1.b/C#A-013f1301.d Page 1
Report Date: 07-Dec-2007 09:02

STL Denver

Data file : /chem/GC_C.i/C120607-1.b/C#A-013f1301.d
Lab Smp Id: AB L4 GSV137507
Inj Date : 06-DEC-2007 17:32
Operator : MPK Inst ID: GC_C.i
Smp Info : AB L4 GSV137507
Misc Info : Column 1-J&W 30m 0.32mm ID 0.25um df DB-35MS
Comment :
Method : /chem/GC_C.i/C120607-1.b/C_8081_1.m
Meth Date : 07-Dec-2007 09:01 kellisom Quant Type: ESTD
Cal Date : 06-DEC-2007 19:27 Cal File: C#A-020f2001.d
Als bottle: 13 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 1-INDAB.sub
Target Version: 3.50
Processing Host: chemsv04

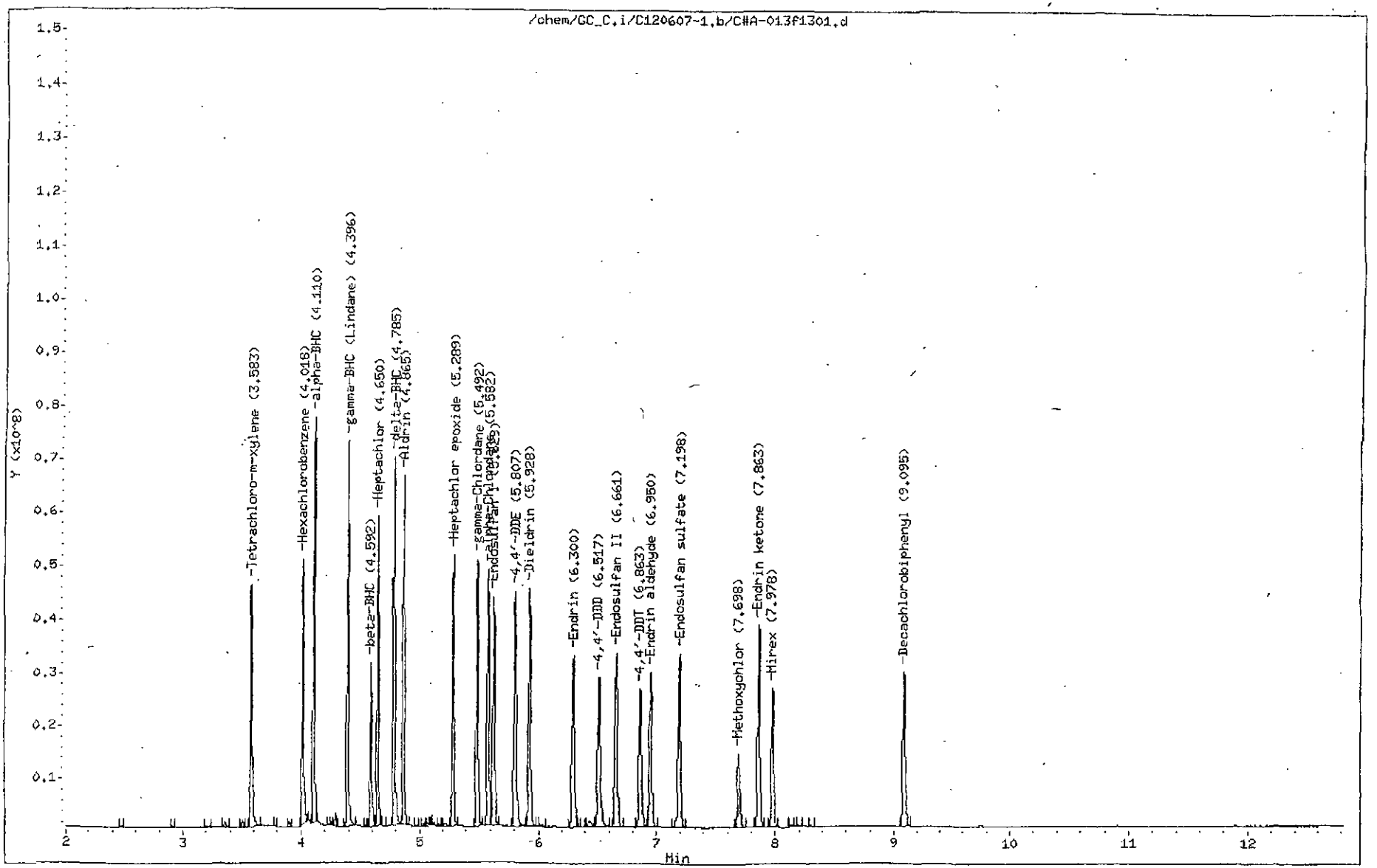
	Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ng/ml)	AMOUNTS ON-COL (ng/ml)
$	1 Tetrachloro-m-xylene	3.583	3.583	0.000	47624060	50.0000	50.296
	3 Hexachlorobenzene	4.018	4.018	0.000	48211662	50.0000	49.112
	4 alpha-BHC	4.110	4.110	0.000	66568992	50.0000	50.932
	5 gamma-BHC (Lindane)	4.396	4.396	0.000	62164995	50.0000	50.802
	7 beta-BHC	4.592	4.592	0.000	26737939	50.0000	49.743
	8 Heptachlor	4.650	4.650	0.000	49794036	50.0000	49.691
	9 delta-BHC	4.785	4.785	0.000	63823220	50.0000	50.759
	10 Aldrin	4.865	4.865	0.000	59552411	50.0000	50.149
	13 Heptachlor epoxide	5.289	5.289	0.000	51670360	50.0000	49.813
	14 gamma-Chlordane	5.492	5.492	0.000	55917347	50.0000	50.175
	17 alpha-Chlordane	5.582	5.582	0.000	54990518	50.0000	50.052
	18 Endosulfan I	5.629	5.629	0.000	50914567	50.0000	49.807
	19 4,4'-DDE	5.807	5.807	0.000	58513670	50.0000	50.594
	20 Dieldrin	5.928	5.928	0.000	57390572	50.0000	50.466
	23 Endrin	6.300	6.300	0.000	45776206	50.0000	48.901
	26 4,4'-DDD	6.517	6.517	0.000	45480674	50.0000	51.496
	27 Endosulfan II	6.661	6.661	0.000	47246606	50.0000	49.384
	28 4,4'-DDT	6.863	6.863	0.000	37965556	50.0000	50.271
	29 Endrin aldehyde	6.950	6.950	0.000	40318585	50.0000	50.030
	30 Endosulfan sulfate	7.198	7.198	0.000	46624268	50.0000	49.293
	31 Methoxychlor	7.698	7.698	0.000	18953685	50.0000	49.195
	32 Endrin ketone	7.863	7.863	0.000	49032356	50.0000	49.193
	33 Mirex	7.978	7.978	0.000	35201466	50.0000	49.587
$	34 Decachlorobiphenyl	9.095	9.095	0.000	43500888	50.0000	49.786

Data File: /chem/GC_C.i/C120607-1.b/C#A-013f1301.d
Date : 06-DEC-2007 17:32
Client ID:
Sample Info: AB L4 GSV137507

Column phase: DB-35MS

Instrument: GC_C.i

Operator: MPK
Column diameter: 0.32



Data File: /chem/GC_C.i/C120607-1.b/C#A-014f1401.d Page 1
Report Date: 07-Dec-2007 09:02

STL Denver

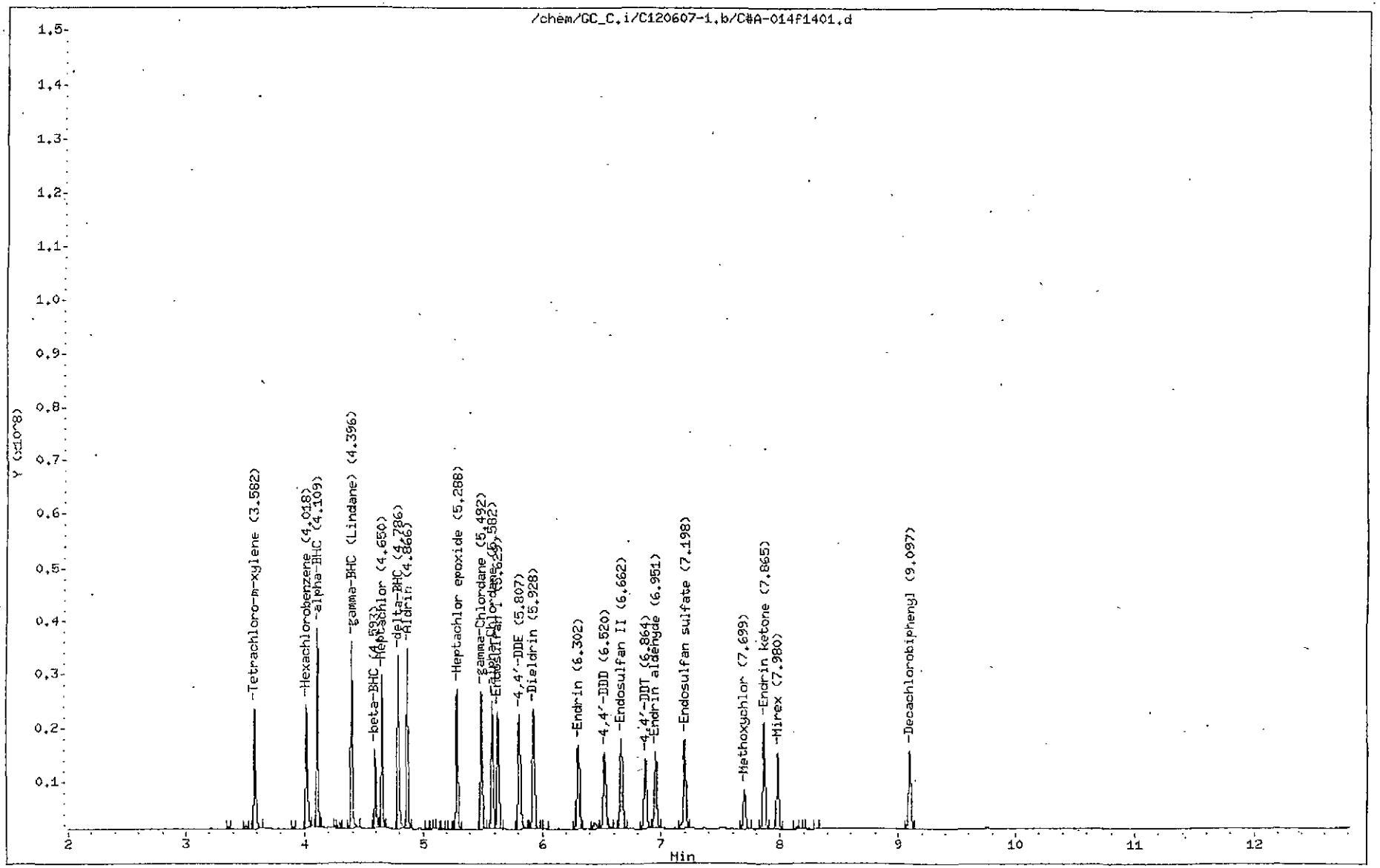
Data file : /chem/GC_C.i/C120607-1.b/C#A-014f1401.d
Lab Smp Id: AB L3 GSV137607
Inj Date : 06-DEC-2007 17:48
Operator : MPK Inst ID: GC_C.i
Smp Info : AB L3 GSV137607
Misc Info : Column 1-J&W 30m 0.32mm ID 0.25um df DB-35MS
Comment :
Method : /chem/GC_C.i/C120607-1.b/C_8081_1.m
Meth Date : 07-Dec-2007 09:01 kellisom Quant Type: ESTD
Cal Date : 06-DEC-2007 19:27 Cal File: C#A-020f2001.d
Als bottle: 14 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 1-INDAB.sub
Target Version: 3.50
Processing Host: chemsv04

	Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ng/ml)	AMOUNTS ON-COL (ng/ml)
$	1 Tetrachloro-m-xylene	3.582	3.583	-0.001	23533956	25.0000	24.854
	3 Hexachlorobenzene	4.018	4.018	0.000	23478888	25.0000	24.395
	4 alpha-BHC	4.109	4.110	-0.001	32280227	25.0000	24.697
	5 gamma-BHC (Lindane)	4.396	4.396	0.000	30476359	25.0000	24.906
	7 beta-BHC	4.593	4.592	0.001	13377338	25.0000	24.728
	8 Heptachlor	4.650	4.650	0.000	24851999	25.0000	24.800
	9 delta-BHC	4.786	4.785	0.001	31017180	25.0000	24.668
	10 Aldrin	4.866	4.865	0.001	29497131	25.0000	24.839
	13 Heptachlor epoxide	5.288	5.289	-0.001	25674222	25.0000	24.751
	14 gamma-Chlordane	5.492	5.492	0.000	27530485	25.0000	24.703
	17 alpha-Chlordane	5.582	5.582	0.000	27190892	25.0000	24.749
	18 Endosulfan I	5.628	5.629	0.000	25549276	25.0000	24.994
	19 4,4'-DDE	5.807	5.807	0.000	28692678	25.0000	24.809
	20 Dieldrin	5.928	5.928	0.000	28379366	25.0000	24.955
	23 Endrin	6.302	6.300	0.002	23369549	25.0000	24.965
	26 4,4'-DDD	6.520	6.517	0.003	22021968	25.0000	24.935
	27 Endosulfan II	6.662	6.661	0.001	23534498	25.0000	24.599
	28 4,4'-DDT	6.864	6.863	0.001	18559764	25.0000	24.576
	29 Endrin aldehyde	6.951	6.950	0.001	20033363	25.0000	24.859
	30 Endosulfan sulfate	7.198	7.198	0.000	23476830	25.0000	24.820
	31 Methoxychlor	7.699	7.698	0.001	9717788	25.0000	25.108
	32 Endrin ketone	7.865	7.863	0.002	24734480	25.0000	24.816
	33 Mirex	7.980	7.978	0.002	17908313	25.0000	24.860
$	34 Decachlorobiphenyl	9.097	9.095	0.002	22030461	25.0000	24.868

Data File: /chem/GC_C.i/C120607-1.b/C#A-014f1401.d
Date : 06-DEC-2007 17:48
Client ID:
Sample Info: AB L3 GSV137607

Instrument: GC_C.i
Operator: HPK
Column diameter: 0.32

Column phase: DB-35MS



Data File: /chem/GC_C.i/C120607-1.b/C#A-015f1501.d
Report Date: 07-Dec-2007 09:02

STL Denver

Data file : /chem/GC_C.i/C120607-1.b/C#A-015f1501.d
Lab Smp Id: AB L2 GSV137707
Inj Date : 06-DEC-2007 18:05
Operator : MPK Inst ID: GC_C.i
Smp Info : AB L2 GSV137707
Misc Info : Column 1-J&W 30m 0.32mm ID 0.25um df DB-35MS
Comment :
Method : /chem/GC_C.i/C120607-1.b/C_8081_1.m
Meth Date : 07-Dec-2007 09:01 kellisom Quant Type: ESTD
Cal Date : 06-DEC-2007 19:27 Cal File: C#A-020f2001.d
Als bottle: 15 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 1-INDAB.sub
Target Version: 3.50
Processing Host: chemsv04

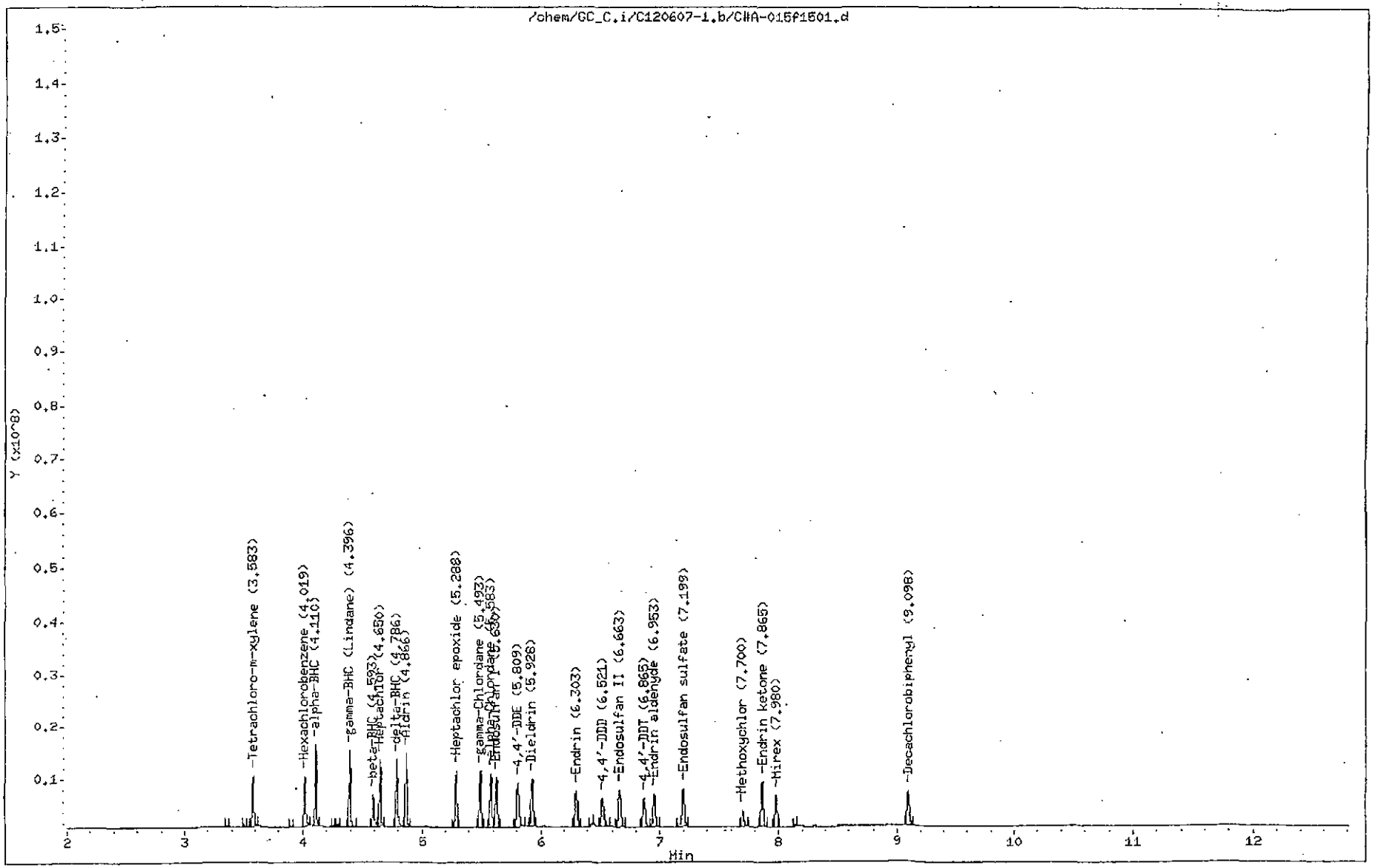
	Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ng/ml)	ON-COL (ng/ml)
$	1 Tetrachloro-m-xylene	3.583	3.583	0.000	9368096	10.0000	9.8937
	3 Hexachlorobenzene	4.019	4.018	0.001	9650265	10.0000	10.576
	4 alpha-BHC	4.110	4.110	0.000	12761481	10.0000	9.7637
	5 gamma-BHC (Lindane)	4.396	4.396	0.000	12190931	10.0000	9.9626
	7 beta-BHC	4.593	4.592	0.001	5632877	10.0000	10.228
	8 Heptachlor	4.650	4.650	0.000	10219824	10.0000	10.199
	9 delta-BHC	4.786	4.785	0.001	12558963	10.0000	9.9882
	10 Aldrin	4.866	4.865	0.001	12036974	10.0000	10.136
	13 Heptachlor epoxide	5.288	5.289	-0.001	10491721	10.0000	10.115
	14 gamma-Chlordane	5.493	5.492	0.001	11109055	10.0000	9.9683
	17 alpha-Chlordane	5.583	5.582	0.001	11058863	10.0000	10.066
	18 Endosulfan I	5.630	5.629	0.001	10451726	10.0000	10.224
	19 4,4'-DDE	5.809	5.807	0.002	11511633	10.0000	9.9536
	20 Dieldrin	5.928	5.928	0.000	11323520	10.0000	9.9572
	23 Endrin	6.303	6.300	0.003	9514155	10.0000	10.164
	26 4,4'-DDD	6.521	6.517	0.004	8465235	10.0000	9.5850
	27 Endosulfan II	6.663	6.661	0.002	9729441	10.0000	10.169
	28 4,4'-DDT	6.865	6.863	0.002	7570593	10.0000	10.024
	29 Endrin aldehyde	6.953	6.950	0.003	8213958	10.0000	10.192
	30 Endosulfan sulfate	7.199	7.198	0.001	9631176	10.0000	10.182
	31 Methoxychlor	7.700	7.698	0.002	4110929	10.0000	10.486
	32 Endrin ketone	7.865	7.863	0.002	10228987	10.0000	10.263
	33 Mirex	7.980	7.978	0.002	7678212	10.0000	10.232
$	34 Decachlorobiphenyl	9.098	9.095	0.003	9419222	10.0000	10.232

Data File: /chem/GC_C.i/C120607-1.b/C#A-015f1501.d
Date : 06-DEC-2007 18:05
Client ID:
Sample Info: AB L2 GSV137707

Column phase: DB-35MS

Instrument: GC_C.i

Operator: MPK
Column diameter: 0.32



Data File: /chem/GC_C.i/C120607-1.b/C#A-016f1601.d Page 1
Report Date: 07-Dec-2007 09:02

STL Denver

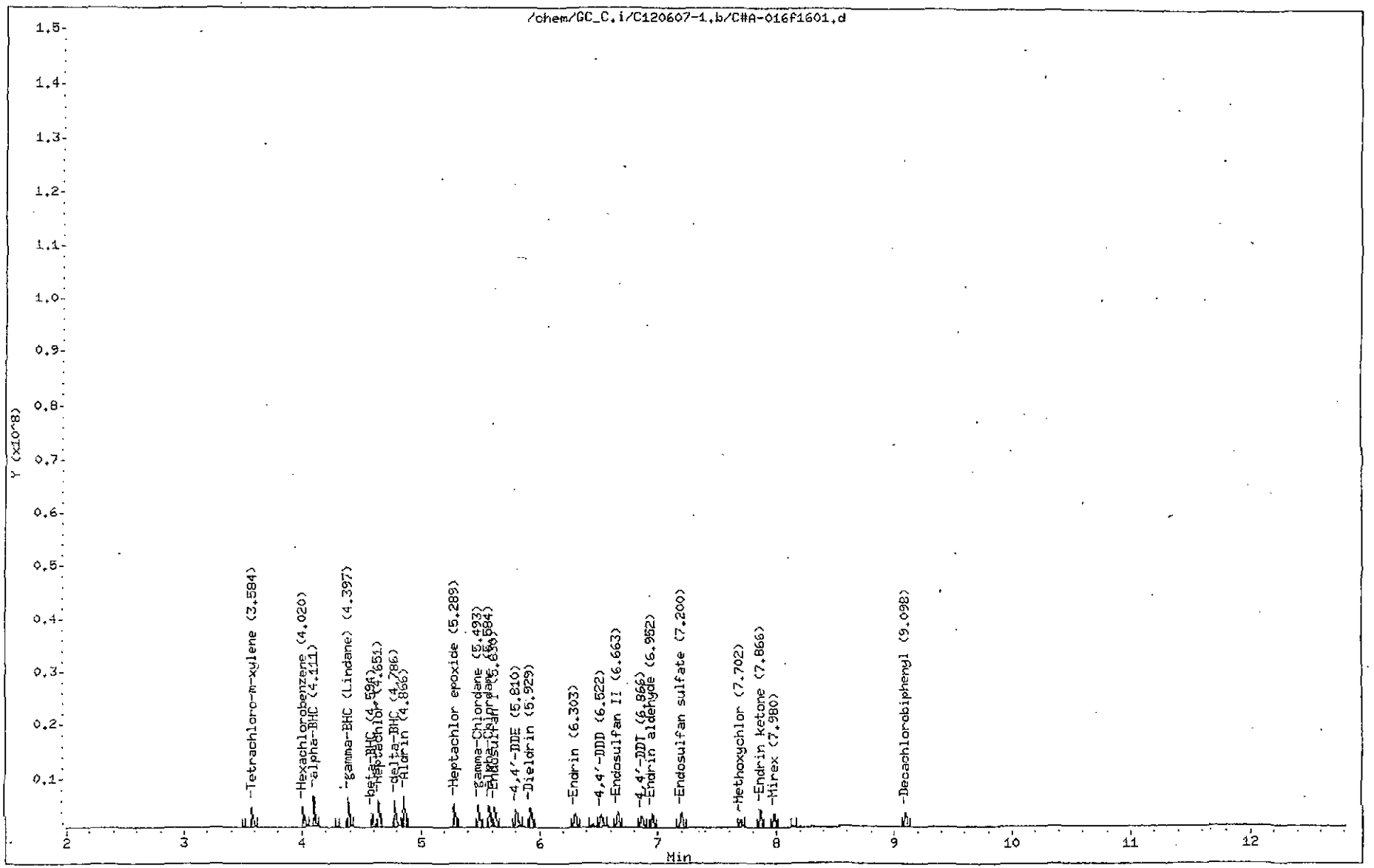
Data file : /chem/GC_C.i/C120607-1.b/C#A-016f1601.d
Lab Smp Id: AB L1 GSV137807
Inj Date : 06-DEC-2007 18:21
Operator : MPK Inst ID: GC_C.i
Smp Info : AB L1 GSV137807
Misc Info : Column 1-J&W 30m 0.32mm ID 0.25um df DB-35MS
Comment :
Method : /chem/GC_C.i/C120607-1.b/C_8081_1.m
Meth Date : 07-Dec-2007 09:01 kellisom Quant Type: ESTD
Cal Date : 06-DEC-2007 19:27 Cal File: C#A-020f2001.d
Als bottle: 16 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 1-INDAB.sub
Target Version: 3.50
Processing Host: chemsv04

	Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ng/ml)	AMOUNTS ON-COL (ng/ml)
$	1 Tetrachloro-m-xylene	3.584	3.583	0.001	3839008	4.00000	4.0544
	3 Hexachlorobenzene	4.020	4.018	0.002	3958862	5.00000	4.8881
	4 alpha-BHC	4.111	4.110	0.001	4952032	4.00000	3.7888
	5 gamma-BHC (Lindane)	4.397	4.396	0.001	4593491	4.00000	3.7539
	7 beta-BHC	4.594	4.592	0.002	2292171	4.00000	3.9728
	8 Heptachlor	4.651	4.650	0.001	4071942	4.00000	4.0635
	9 delta-BHC	4.786	4.785	0.001	4670562	4.00000	3.7145
	10 Aldrin	4.866	4.865	0.001	4685275	4.00000	3.9454
	13 Heptachlor epoxide	5.289	5.289	0.000	4249956	4.00000	4.0972
	14 gamma-Chlordane	5.493	5.492	0.001	4464766	4.00000	4.0063
	17 alpha-Chlordane	5.584	5.582	0.002	4377739	4.00000	3.9846
	18 Endosulfan I	5.630	5.629	0.001	4109166	4.00000	4.0198
	19 4,4'-DDE	5.810	5.807	0.003	4465412	4.00000	3.8610
	20 Dieldrin	5.929	5.928	0.001	4495484	4.00000	3.9531
	23 Endrin	6.303	6.300	0.003	3661294	4.00000	3.9112
	26 4,4'-DDD	6.522	6.517	0.005	3341112	4.00000	3.7830
	27 Endosulfan II	6.663	6.661	0.002	4017241	4.00000	4.1989
	28 4,4'-DDT	6.866	6.863	0.003	2898255	4.00000	3.8377
	29 Endrin aldehyde	6.952	6.950	0.002	3320129	4.00000	4.1198
	30 Endosulfan sulfate	7.200	7.198	0.002	4011902	4.00000	4.2415
	31 Methoxychlor	7.702	7.698	0.004	1596873	4.00000	3.9298
	32 Endrin ketone	7.866	7.863	0.003	4154145	4.00000	4.1678
	33 Mirex	7.980	7.978	0.002	3298660	4.00000	3.9704
$	34 Decachlorobiphenyl	9.098	9.095	0.003	4023723	4.00000	3.9696

Data File: /chem/GC_C.i/C120607-1.b/C#A-016f1601.d
Date : 06-DEC-2007 18:21
Client ID:
Sample Info: AB L1 GSV137807

Instrument: GC_C.i
Operator: MPK
Column diameter: 0.32

Column phase: DB-35MS



Data File: /chem/GC_C.i/C120607-1.b/C#A-017f1701.d Page 1
Report Date: 07-Dec-2007 09:02

STL Denver

Data file : /chem/GC_C.i/C120607-1.b/C#A-017f1701.d
Lab Smp Id: AB SS GSV138407
Inj Date : 06-DEC-2007 18:37
Operator : MPK Inst ID: GC_C.i
Smp Info : AB SS GSV138407
Misc Info : Column 1-J&W 30m 0.32mm ID 0.25um df DB-35MS
Comment :
Method : /chem/GC_C.i/C120607-1.b/C_8081_1.m
Meth Date : 07-Dec-2007 09:02 kellisom Quant Type: ESTD
Cal Date : 06-DEC-2007 19:27 Cal File: C#A-020f2001.d
Als bottle: 17 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 1-INDAB.sub
Target Version: 3.50
Processing Host: chemsv04

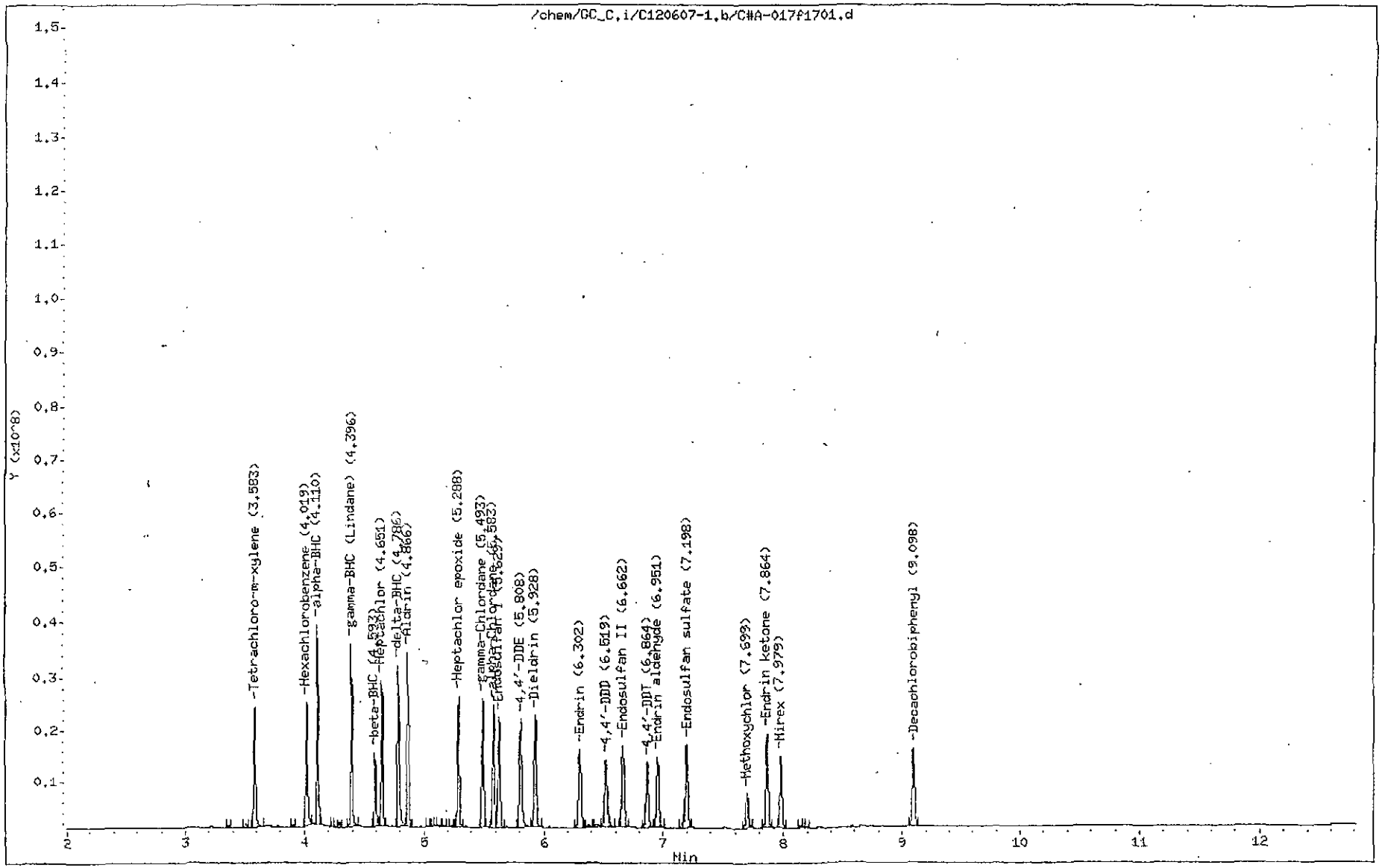
	Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ng/ml)	AMOUNTS ON-COL (ng/ml)
$ 1	Tetrachloro-m-xylene	3.583	3.583	0.000	24747459	50.0000	26.136
3	Hexachlorobenzene	4.019	4.018	0.001	24228263	50.0000	25.144
4	alpha-BHC	4.110	4.110	0.000	32466792	50.0000	24.840
5	gamma-BHC (Lindane)	4.396	4.396	0.000	30365407	50.0000	24.815
7	beta-BHC	4.593	4.592	0.001	13394724	50.0000	24.760
8	Heptachlor	4.651	4.650	0.001	24848377	50.0000	24.797
9	delta-BHC	4.786	4.785	0.001	29658950	50.0000	23.588
10	Aldrin	4.866	4.865	0.001	28982854	50.0000	24.406
13	Heptachlor epoxide	5.288	5.289	-0.001	25586264	50.0000	24.667
14	gamma-Chlordane	5.493	5.492	0.001	27233438	50.0000	24.437
17	alpha-Chlordane	5.583	5.582	0.001	26875296	50.0000	24.462
18	Endosulfan I	5.629	5.629	0.000	24994572	50.0000	24.451
19	4,4'-DDE	5.808	5.807	0.001	28524030	50.0000	24.663
20	Dieldrin	5.928	5.928	0.000	28044007	50.0000	24.660
23	Endrin	6.302	6.300	0.002	22220404	50.0000	23.737
26	4,4'-DDD	6.519	6.517	0.002	21666051	50.0000	24.532
27	Endosulfan II	6.662	6.661	0.001	23211694	50.0000	24.262
28	4,4'-DDT	6.864	6.863	0.001	17614614	50.0000	23.324
29	Endrin aldehyde	6.951	6.950	0.001	19175092	50.0000	23.794
30	Endosulfan sulfate	7.198	7.198	0.000	22730628	50.0000	24.032
31	Methoxychlor	7.699	7.698	0.001	9222860	50.0000	23.818
32	Endrin ketone	7.864	7.863	0.001	23712664	50.0000	23.790
33	Mirex	7.979	7.978	0.001	18750516	50.0000	26.064
$ 34	Decachlorobiphenyl	9.098	9.095	0.003	22130514	50.0000	24.984

Data File: /chem/GC_C.i/C120607-1.b/C#A-017f1701.d
Date : 06-DEC-2007 18:37
Client ID:
Sample Info: AB SS CSV138407

Column phase: DB-35MS

Instrument: GC_C.i

Operator: MPK
Column diameter: 0.32



Data File: /chem/GC_C.i/C120607-1.b/C#A-018f1801.d Page 1
Report Date: 07-Dec-2007 09:02

STL Denver

Data file : /chem/GC_C.i/C120607-1.b/C#A-018f1801.d
Lab Smp Id: TOX L1 GSV098507
Inj Date : 06-DEC-2007 18:54
Operator : MPK Inst ID: GC_C.i
Smp Info : TOX L1 GSV098507
Misc Info : Column 1-J&W 30m 0.32mm ID 0.25um df DB-35MS
Comment :
Method : /chem/GC_C.i/C120607-1.b/C_8081_1.m
Meth Date : 07-Dec-2007 09:02 kellisom Quant Type: ESTD
Cal Date : 06-DEC-2007 19:27 Cal File: C#A-020f2001.d
Als bottle: 18 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 3-TOXAPHENE.sub
Target Version: 3.50 Sample Matrix: None
Processing Host: chemsv04

				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ng/ml)	(ng/ml)	TARGET RANGE		RATIO
16 Toxaphene					CAS #: 8001-35-2			
4.904	4.904	0.000	420208	200.000	200.00	80.00- 120.00		100.00(M)
5.634	5.634	0.000	1145146	200.000	200.00	218.02- 327.02		272.52
6.297	6.297	0.000	1555976	200.000	200.00	296.23- 444.34		370.29
7.125	7.125	0.000	3011881	200.000	200.00	573.41- 860.11		716.76
8.028	8.028	0.000	2444691	200.000	200.00	465.42- 698.14		581.78
		Average of Peak Amounts =			200			

QC Flag Legend

M - Compound response manually integrated.

Data File: /chem/GC_C.i/C120607-1.b/C#A-018f1801.d
Date : 06-DEC-2007 18:54
Client ID:
Sample Info: TOX L1 GSV098507

Column phase: DB-35MS

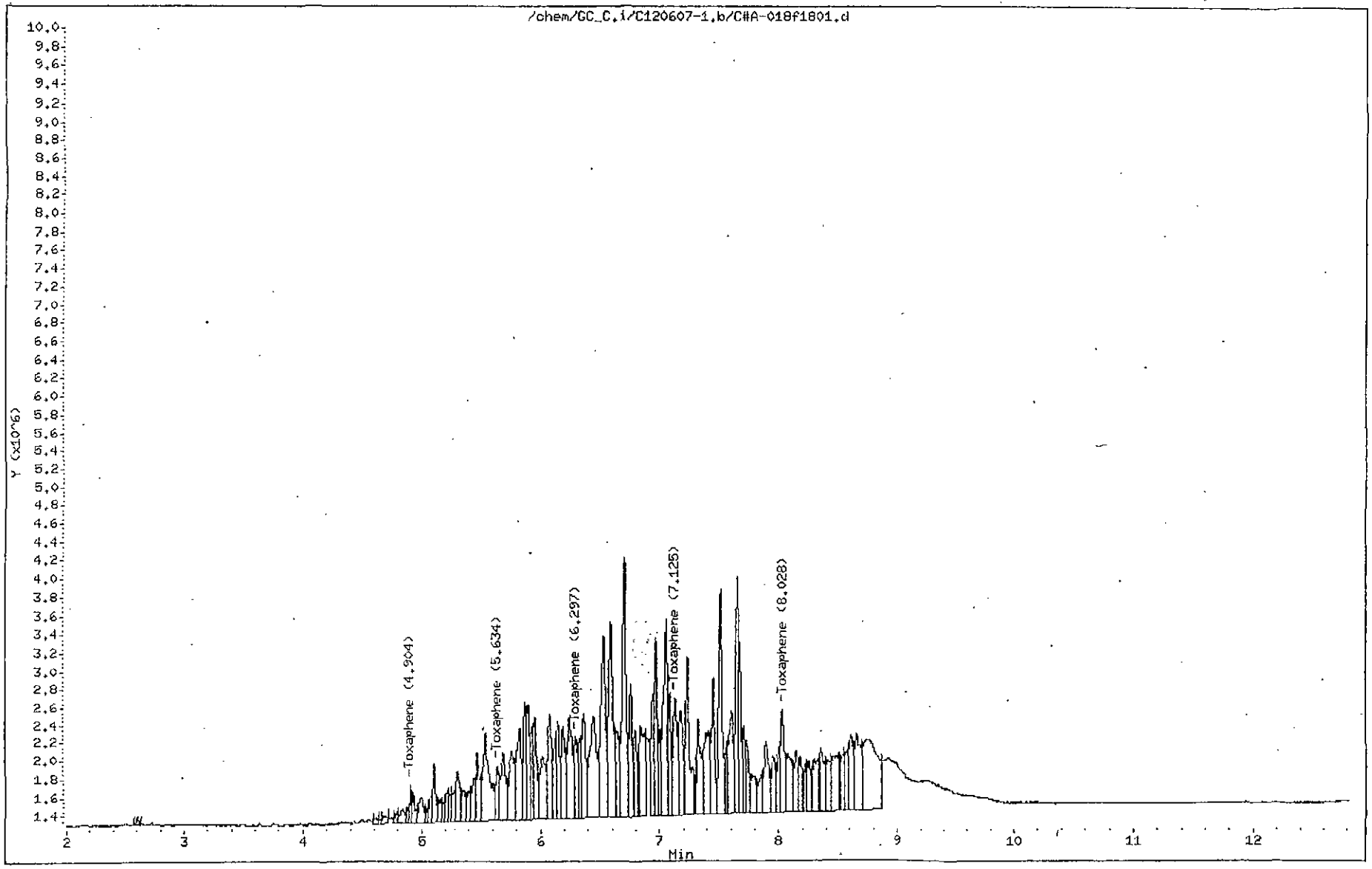
Instrument: GC_C.i

Operator: MPK
Column diameter: 0.32

BAS - Baseline Event

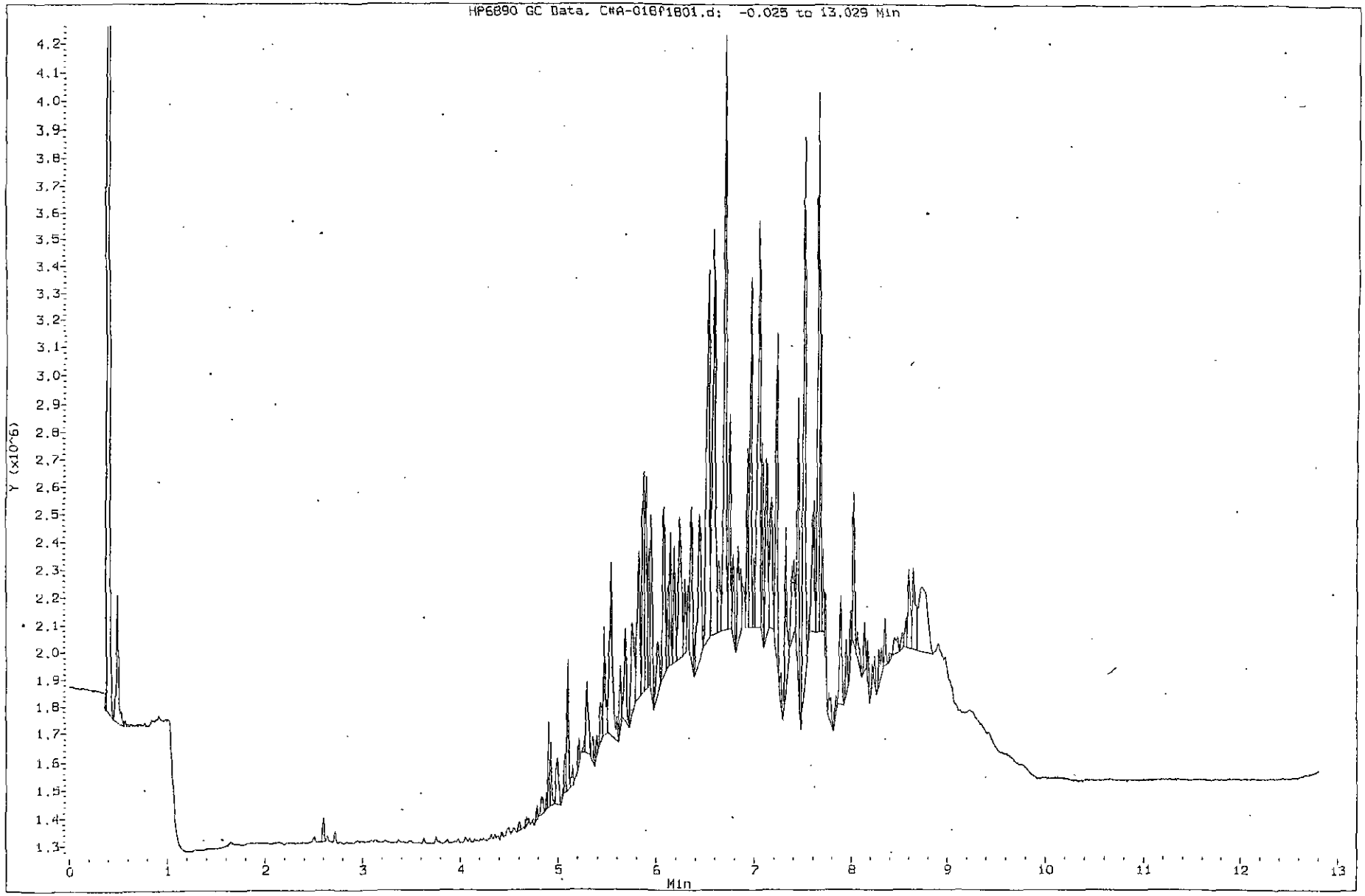
12/18/07 MPK

Sme 12-13-07



ORIGINAL

Data File: /chem/GC_C.i/C120607-1.b/C#A-018f1801.d
Injection Date: 06-DEC-2007 18:54
Instrument: GC_C.i
Client Sample ID:



Data File: /chem/GC_C.i/C120607-1.b/C#A-019f1901.d Page 1
Report Date: 07-Dec-2007 09:02

STL Denver

Data file : /chem/GC_C.i/C120607-1.b/C#A-019f1901.d
Lab Smp Id: TOX SS GSV023807
Inj Date : 06-DEC-2007 19:10
Operator : MPK Inst ID: GC_C.i
Smp Info : TOX SS GSV023807
Misc Info : Column 1-J&W 30m 0.32mm ID 0.25um df DB-35MS
Comment :
Method : /chem/GC_C.i/C120607-1.b/C_8081_1.m
Meth Date : 07-Dec-2007 09:02 kellisom Quant Type: ESTD
Cal Date : 06-DEC-2007 19:27 Cal File: C#A-020f2001.d
Als bottle: 19 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 3-TOXAPHENE.sub
Target Version: 3.50 Sample Matrix: None
Processing Host: chemsv04

				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng/ml)	(ng/ml)	TARGET RANGE	RATIO
16 Toxaphene					CAS #: 8001-35-2		
4.904	4.904	0.000	421109	200.000	200.43	80.00- 120.00	100.00(M)
5.634	5.634	0.000	466811	200.000	81.529	88.68- 133.02	110.85
6.297	6.297	0.000	1127284	200.000	144.90	214.16- 321.23	267.69
7.139	7.125	0.014	4827954	200.000	320.59	917.19-1375.78	1146.49
8.029	8.028	0.001	4907518	200.000	401.48	932.30-1398.46	1165.38
		Average of Peak Amounts =			230		

QC Flag Legend

M - Compound response manually integrated.

Data File: /chem/GC_C.i/C120607-1.b/C#A-019f1901.d
Date : 06-DEC-2007 19:10
Client ID:
Sample Info: TOX SS GSV023807

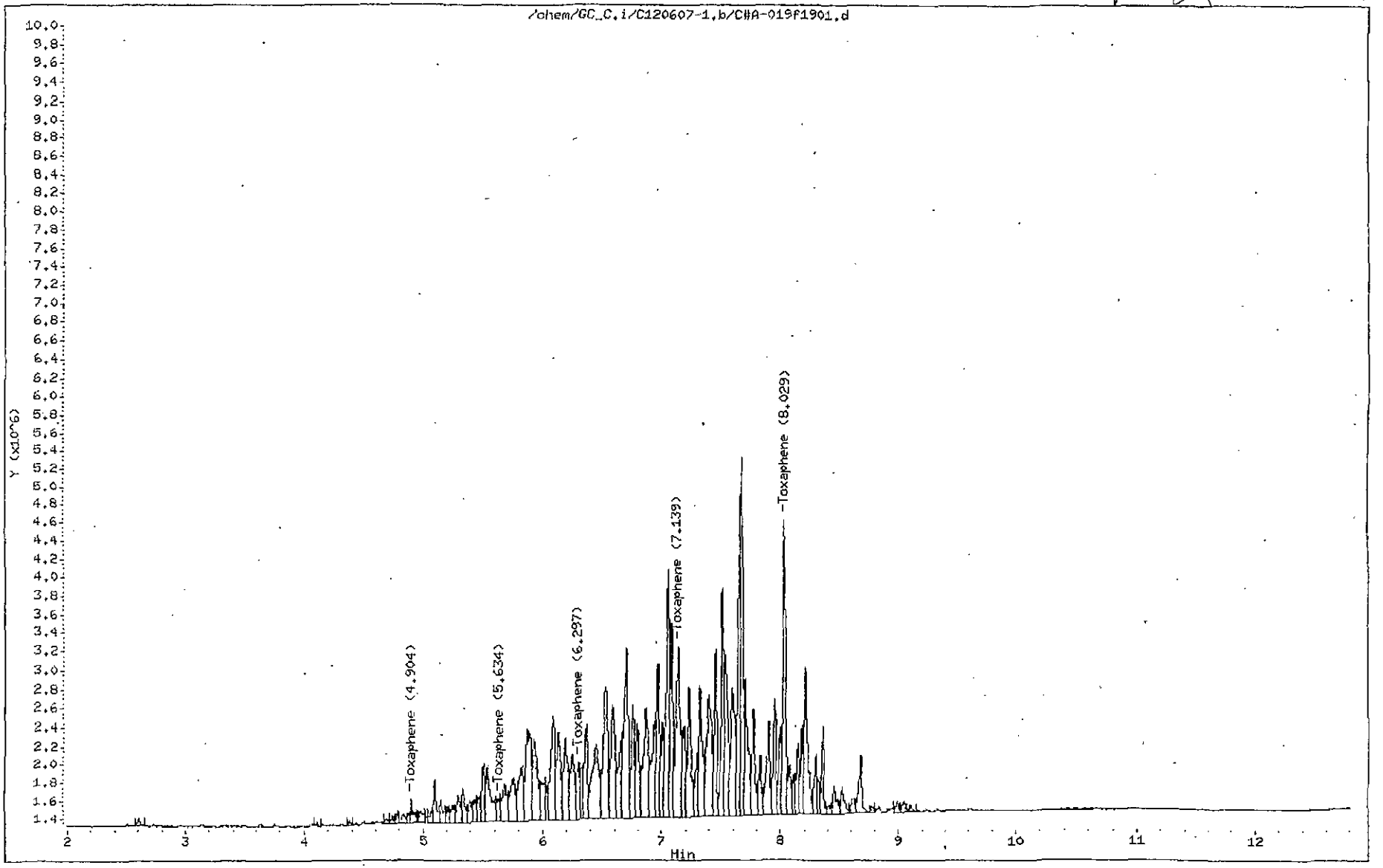
Column phase: DB-35MS

Instrument: GC_C.i

Operator: MPK
Column diameter: 0.32

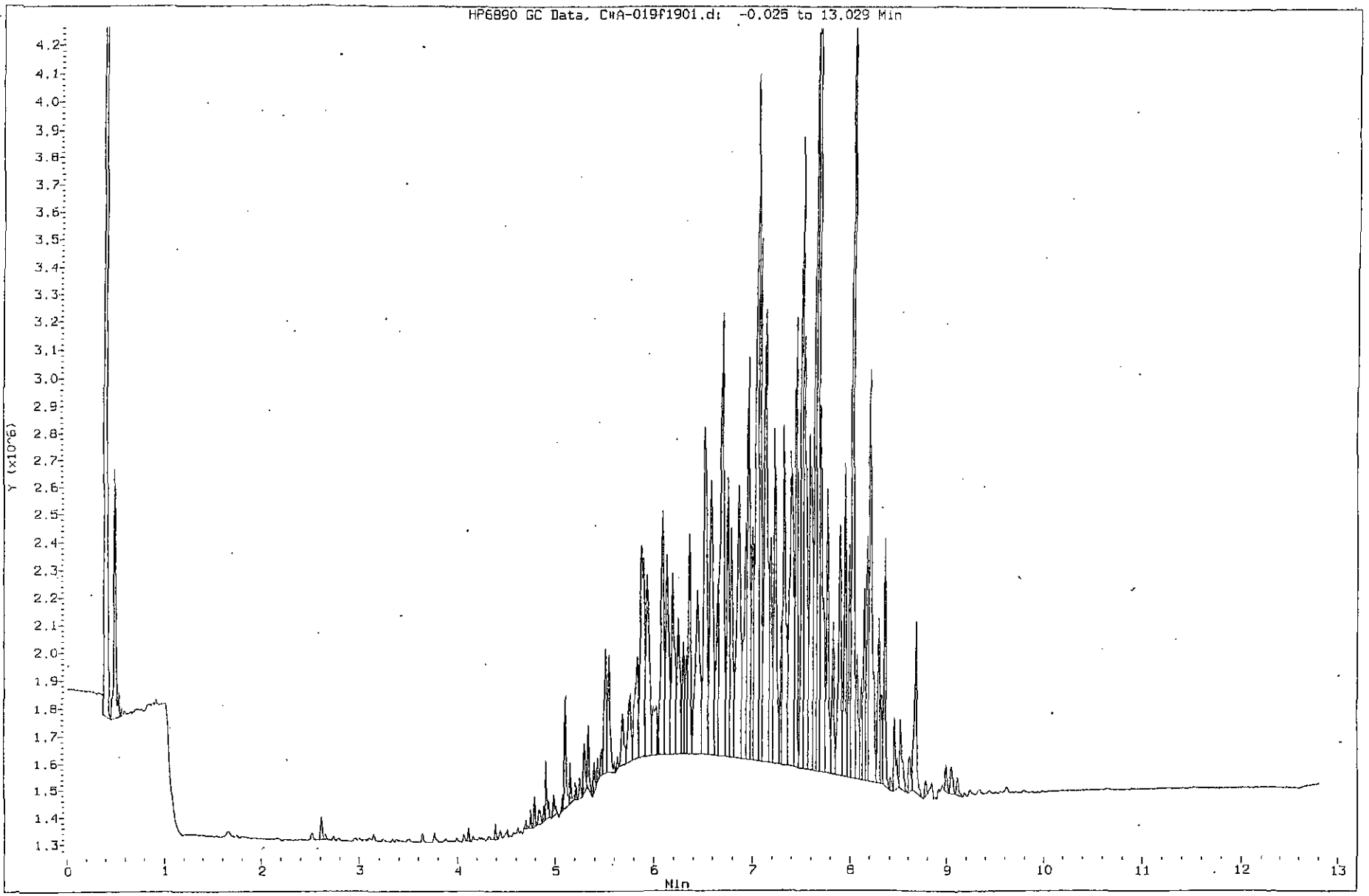
BAS - Baseline Event

12/6/07 MPK Sync 12-13-07



ORIGINAL

Data File: /chem/GC_C.i/C120607-1.b/C#A-019f1901.d
Injection Date: 06-DEC-2007 19:10
Instrument: GC_C.i
Client Sample ID:



Data File: /chem/GC_C.i/C120607-1.b/C#A-020f2001.d Page 1
Report Date: 07-Dec-2007 09:03

STL Denver

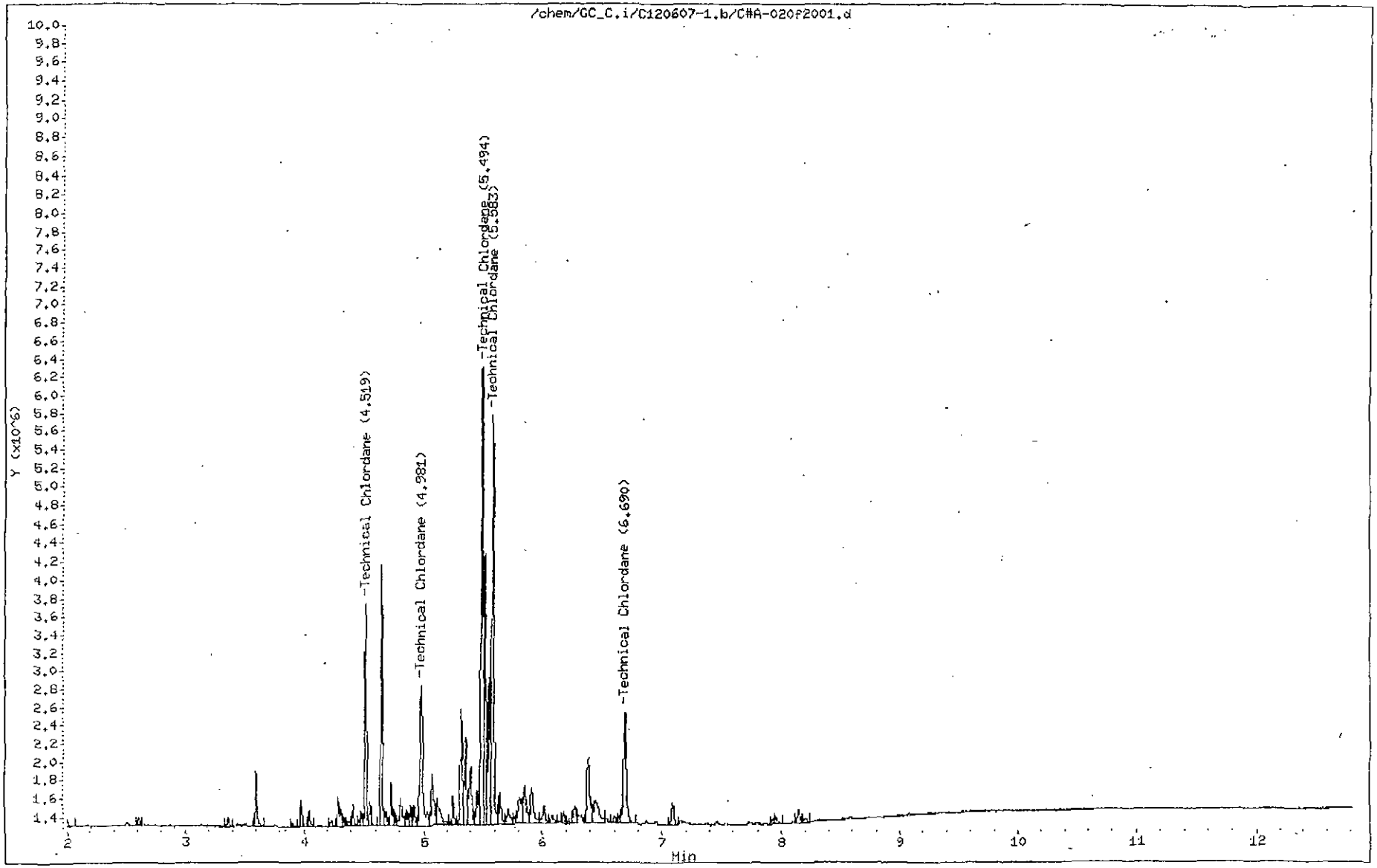
Data file : /chem/GC_C.i/C120607-1.b/C#A-020f2001.d
Lab Smp Id: CHL L1 GSV121207
Inj Date : 06-DEC-2007 19:27
Operator : MPK Inst ID: GC_C.i
Smp Info : CHL L1 GSV121207
Misc Info : Column 1-J&W 30m 0.32mm ID 0.25um df DB-35MS
Comment :
Method : /chem/GC_C.i/C120607-1.b/C_8081_1.m
Meth Date : 07-Dec-2007 09:02 kellisom Quant Type: ESTD
Cal Date : 06-DEC-2007 19:27 Cal File: C#A-020f2001.d
Als bottle: 20 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 4-CHLORDANE.sub
Target Version: 3.50 Sample Matrix: None
Processing Host: chemsv04

				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng/ml)	(ng/ml)	TARGET RANGE	RATIO
6 Technical Chlordane					CAS #: 57-74-9		
4.519	4.519	0.000	2158506	50.0000	50.000	80.00- 120.00	100.00
4.981	4.981	0.000	2608949	50.0000	50.000	96.69- 145.04	120.87
5.494	5.494	0.000	5839236	50.0000	50.000	216.42- 324.63	270.52
5.583	5.583	0.000	5386956	50.0000	50.000	199.65- 299.48	249.57
6.690	6.690	0.000	2116538	50.0000	50.000	78.44- 117.67	98.06
Average of Peak Amounts =					50		

Data File: /chem/GC_C.i/C120607-1.b/C#A-020f2001.d
Date : 06-DEC-2007 19:27
Client ID:
Sample Info: CHL L1 GSV121207

Column phase: DB-35MS

Instrument: GC_C.i
Operator: MPK
Column diameter: 0.32



STL Denver

Data file : /chem/GC_C.i/C120607-2.b/C#B-002f0201.d
Lab Smp Id: EVAL B
Inj Date : 06-DEC-2007 14:15
Operator : MPK Inst ID: GC_C.i
Smp Info : EVAL B
Misc Info : Column 2-J&W 30m 0.32mm ID 0.5um df DB-XLB
Comment :
Method : /chem/GC_C.i/C120607-2.b/C_8081_2.m
Meth Date : 07-Dec-2007 11:02 kellisom Quant Type: ESTD
Cal Date : 06-DEC-2007 19:27 Cal File: C#B-020f2001.d
Als bottle: 2 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: EVALB.sub
Target Version: 3.50
Processing Host: chemsv04

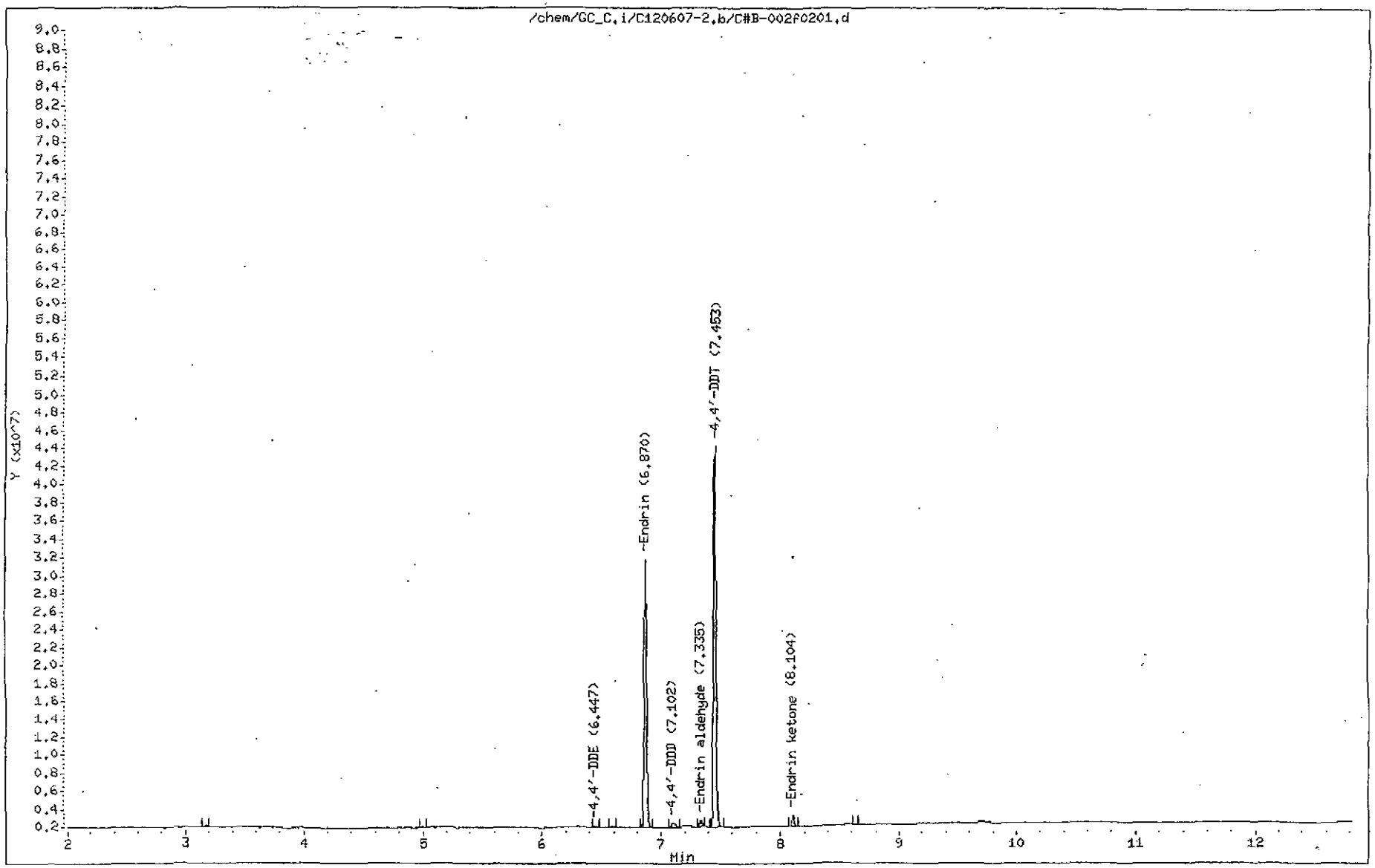
Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ng/ml)	AMOUNTS ON-COL (ng/ml)
24 Endrin	6.870	6.870	0.000	41949439	50.0000	30.477
30 4,4'-DDT	7.453	7.452	0.001	58774286	50.0000	49.879
33 Endrin ketone	8.104	8.103	0.001	1650118	50.0000	0.70953

Data File: /chem/GC_C.i/C120607-2.b/C#B-002F0201.d
Date : 06-DEC-2007 14:15
Client ID:
Sample Info: EVAL B

Column phase: CLP-PEST I

Instrument: GC_C.i

Operator: MPK
Column diameter: 0.32



Data File: /chem/GC_C.i/C120607-2.b/C#B-004f0401.d Page 1
Report Date: 07-Dec-2007 11:02

STL Denver

Data file : /chem/GC_C.i/C120607-2.b/C#B-004f0401.d
Lab Smp Id: AP9 L6 GSV096507
Inj Date : 06-DEC-2007 15:04
Operator : MPK Inst ID: GC_C.i
Smp Info : AP9 L6 GSV096507
Misc Info : Column 2-J&W 30m 0.32mm ID 0.5um df DB-XLB
Comment :
Method : /chem/GC_C.i/C120607-2.b/C_8081_2.m
Meth Date : 07-Dec-2007 11:02 kellisom Quant Type: ESTD
Cal Date : 06-DEC-2007 16:59 Cal File: C#B-011f1101.d
Als bottle: 4 Calibration Sample, Level: 6
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 2-AP9.sub
Target Version: 3.50
Processing Host: chemsv04

					AMOUNTS	
					CAL-AMT	ON-COL
Compounds	RT	EXP RT	DLT RT	RESPONSE	(ng/ml)	(ng/ml)
2 Diallate	4.211	4.212	-0.001	329288654	10000.0	9934.6(A)
10 Chlorpyrifos	5.304	5.305	-0.001	253033428	500.000	500.43(A)
14 Isodrin	5.669	5.671	-0.002	566411539	500.000	500.35(A)
13 Dicofol	5.578	5.582	-0.004	110026897	1000.00	1001.3(A)
16 2,4'-DDE	5.981	5.983	-0.002	100986092	100.000	94.096
21 2,4'-DDD	6.562	6.565	-0.003	83354977	100.000	100.04(A)
23 Chlorobenzilate	6.766	6.769	-0.003	78564351	1000.00	998.65(A)
25 2,4'-DDT	6.944	6.945	-0.001	93605861	100.000	100.02(A)
28 Kepone	7.210	7.211	-0.001	423350183	1000.00	999.10(A)
36 DBPP	11.397	11.399	-0.002	1089331054	5000.00	4990.0

QC Flag Legend

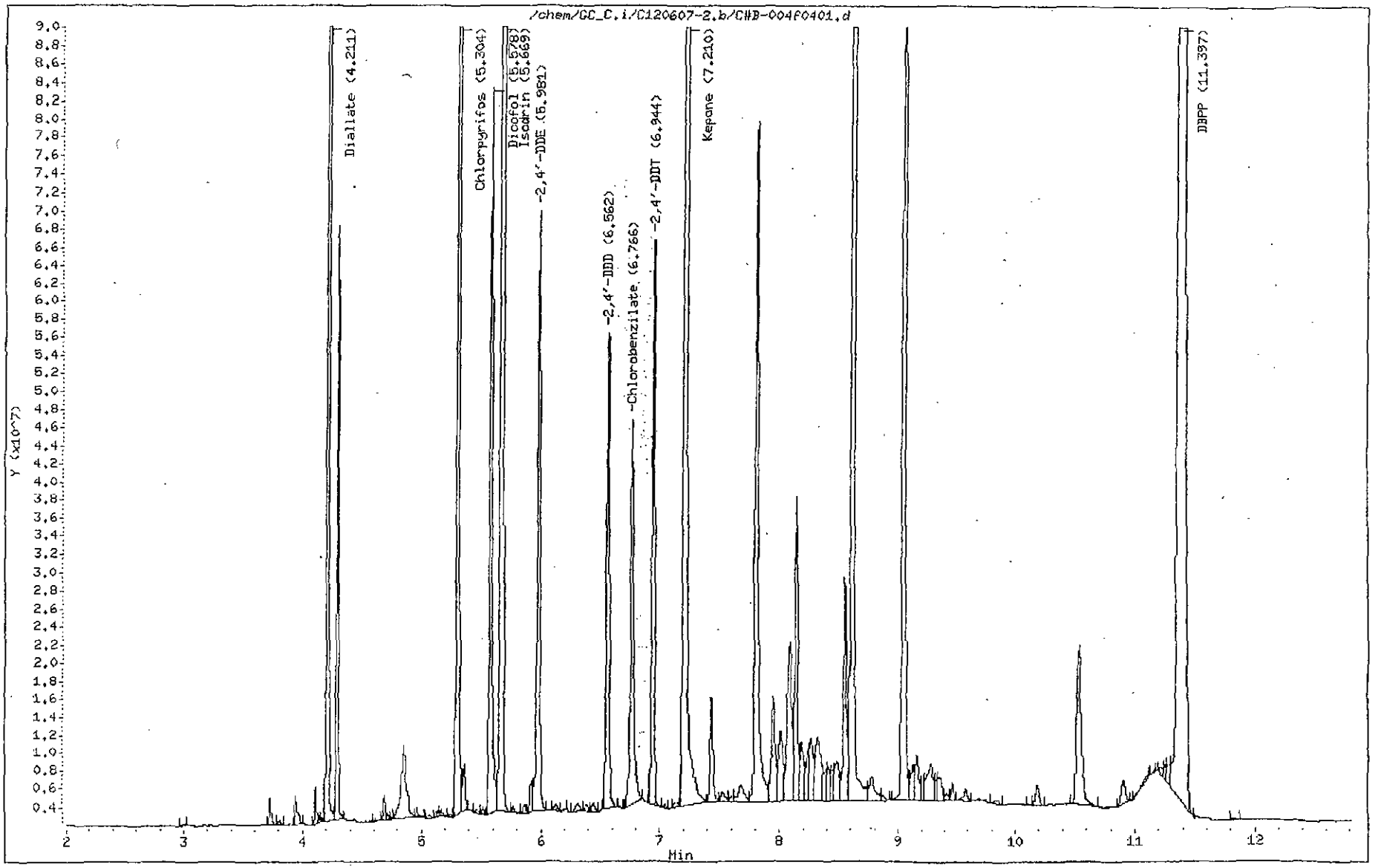
A - Target compound detected but, quantitated amount exceeded maximum amount.

Data File: /chem/GC_C.i/C120607-2.b/C#B-004f0401.d
Date : 06-DEC-2007 15:04
Client ID:
Sample Info: AP9 L6 GSV096507

Instrument: GC_C.i

Operator: MPK
Column diameter: 0.32

Column phase: CLP-PEST I



Data File: /chem/GC_C.i/C120607-2.b/C#B-005f0501.d Page 1
Report Date: 07-Dec-2007 11:02

STL Denver

Data file : /chem/GC_C.i/C120607-2.b/C#B-005f0501.d
Lab Smp Id: AP9 L5 GSV096607
Inj Date : 06-DEC-2007 15:20
Operator : MPK Inst ID: GC_C.i
Smp Info : AP9 L5 GSV096607
Misc Info : Column 2-J&W 30m 0.32mm ID 0.5um df DB-XLB
Comment :
Method : /chem/GC_C.i/C120607-2.b/C_8081_2.m
Meth Date : 07-Dec-2007 11:02 kellisom Quant Type: ESTD
Cal Date : 06-DEC-2007 17:15 Cal File: C#B-012f1201.d
Als bottle: 5 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 2-AP9.sub
Target Version: 3.50
Processing Host: chemsv04

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ng/ml)	AMOUNTS ON-COL (ng/ml)
2 Diallate	4.211	4.212	-0.001	167093197	5000.00	4980.8(A)
10 Chlorpyrifos	5.305	5.305	0.000	136881590	250.000	247.68
14 Isodrin	5.670	5.671	-0.001	309336488	250.000	248.15
13 Dicofol	5.580	5.582	-0.002	57676541	500.000	489.77
16 2,4'-DDE	5.982	5.983	-0.001	53403823	50.0000	49.061
21 2,4'-DDD	6.564	6.565	-0.001	43721568	50.0000	49.790
23 Chlorobenzilate	6.768	6.769	-0.001	44719280	500.000	509.76(A)
25 2,4'-DDT	6.945	6.945	0.000	49183929	50.0000	49.949
28 Kepone	7.210	7.211	-0.001	206784929	500.000	508.25(A)
36 DBPP	11.397	11.399	-0.002	456745665	2500.00	2592.5

QC Flag Legend

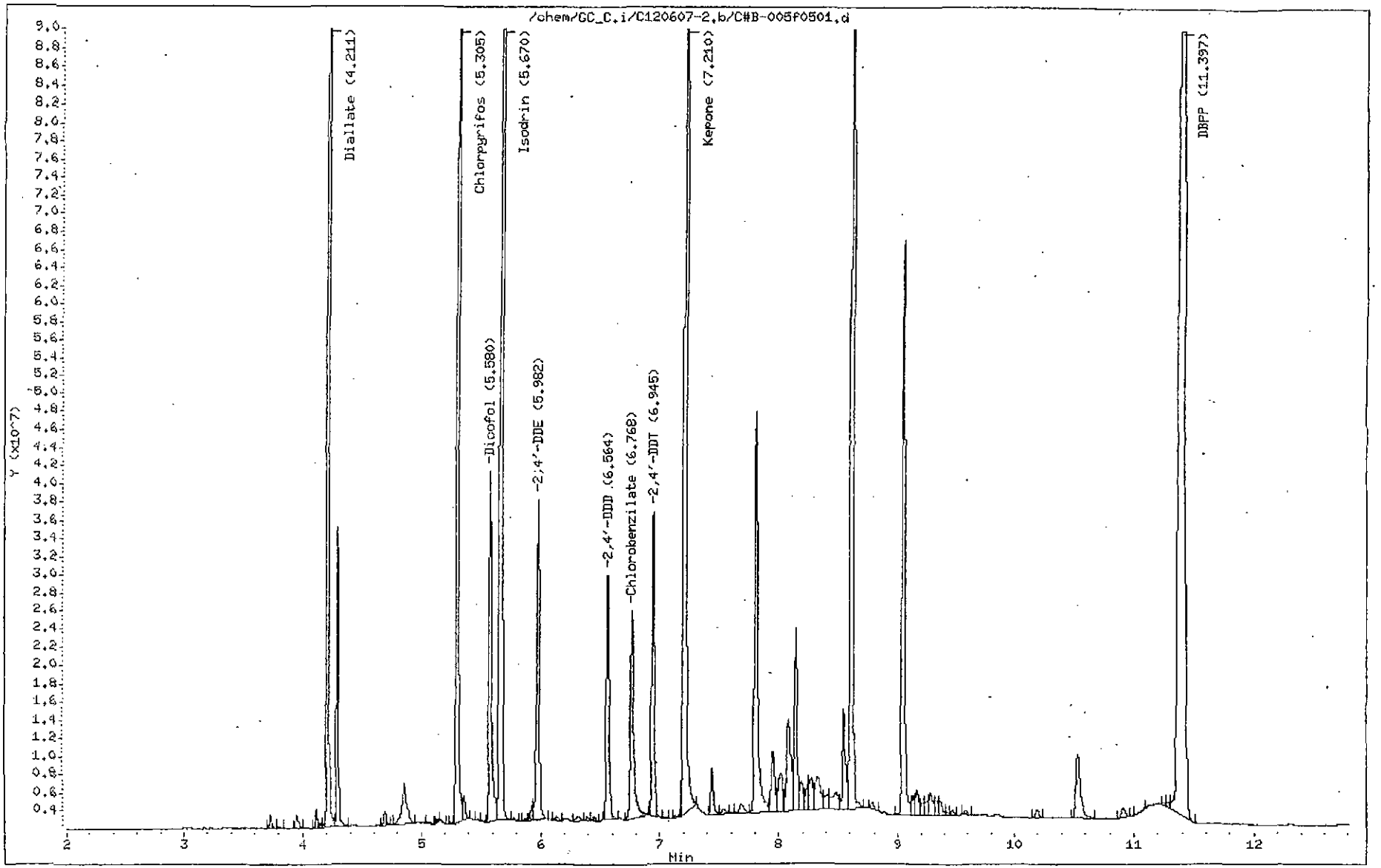
A - Target compound detected but, quantitated amount exceeded maximum amount.

Data File: /chem/GC_C.i/C120607-2.b/C#B-005f0501.d
Date : 06-DEC-2007 15:20
Client ID:
Sample Info: AP9 L5 GSV096607

Column phase: CLP-PEST I

Instrument: GC_C.i

Operator: MPK
Column diameter: 0.32



Data File: /chem/GC_C.i/C120607-2.b/C#B-006f0601.d Page 1
Report Date: 07-Dec-2007 11:02

STL Denver

Data file : /chem/GC_C.i/C120607-2.b/C#B-006f0601.d
Lab Smp Id: AP9 L4 GSV096707
Inj Date : 06-DEC-2007 15:37
Operator : MPK Inst ID: GC_C.i
Smp Info : AP9 L4 GSV096707
Misc Info : Column 2-J&W 30m 0.32mm ID 0.5um df DB-XLB
Comment :
Method : /chem/GC_C.i/C120607-2.b/C_8081_2.m
Meth Date : 07-Dec-2007 11:02 kellisom Quant Type: ESTD
Cal Date : 06-DEC-2007 19:27 Cal File: C#B-020f2001.d
Als bottle: 6 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 2-AP9.sub
Target Version: 3.50
Processing Host: chemsv04

					AMOUNTS	
					CAL-AMT	ON-COL
Compounds	RT	EXP RT	DLT RT	RESPONSE	(ng/ml)	(ng/ml)
2 Diallate	4.212	4.212	0.000	117665967	3500.00	3471.2 (A)
10 Chlorpyrifos	5.305	5.305	0.000	99934758	175.000	174.59
14 Isodrin	5.671	5.671	0.000	225950261	175.000	174.56
13 Dicofol	5.582	5.582	0.000	43086132	350.000	356.17
16 2,4'-DDE	5.983	5.983	0.000	38163534	35.0000	34.636
21 2,4'-DDD	6.565	6.565	0.000	31097208	35.0000	34.745
23 Chlorobenzilate	6.769	6.769	0.000	31227741	350.000	337.53 (A)
25 2,4'-DDT	6.945	6.945	0.000	34847403	35.0000	34.770
26 Kepone	7.211	7.211	0.000	133997467	350.000	336.92 (A)
36 DBPP	11.399	11.399	0.000	258790836	1750.00	1655.8

QC Flag Legend

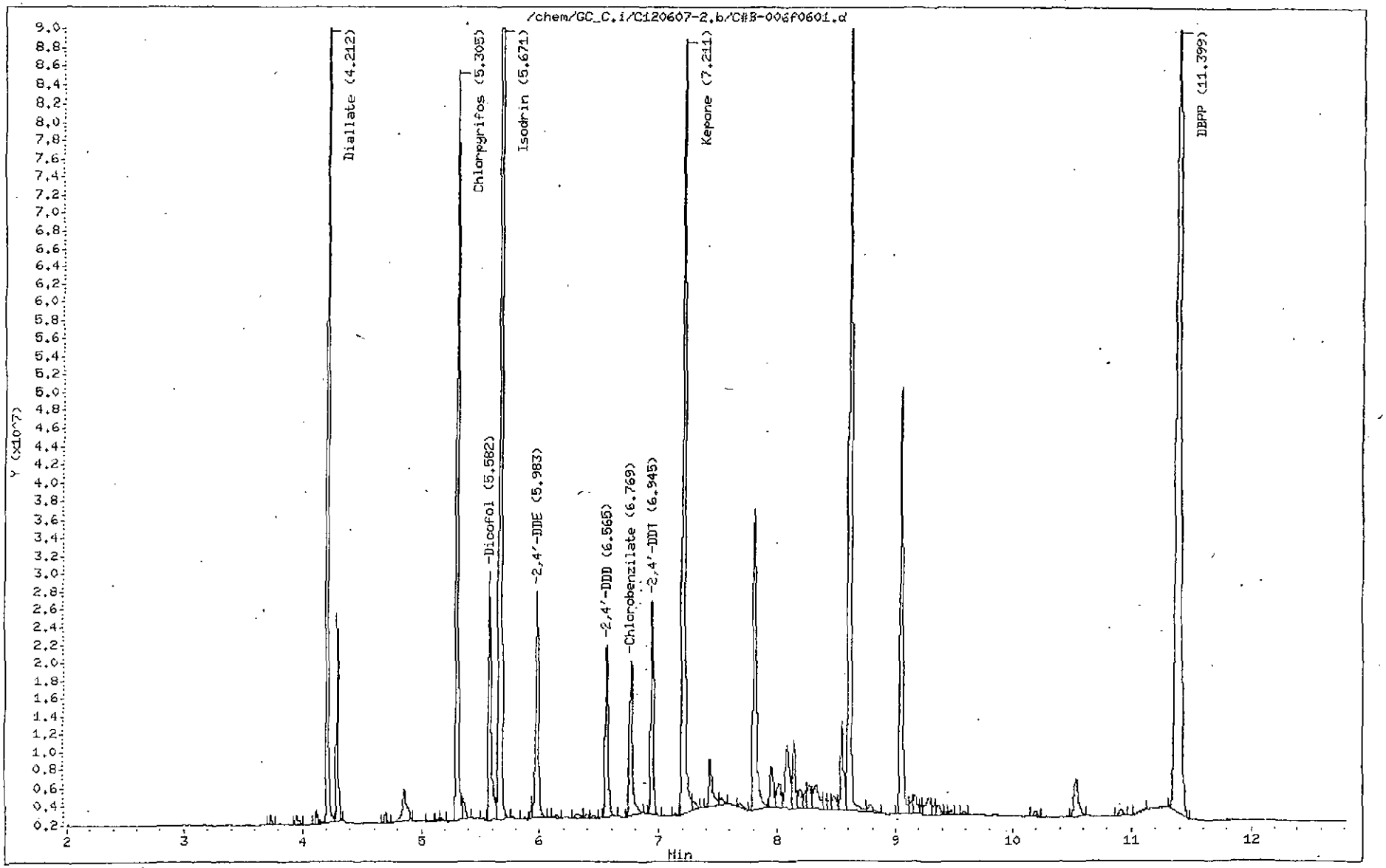
A - Target compound detected but, quantitated amount exceeded maximum amount.

Data File: /chem/GC_C.i/C120607-2.b/C#B-006f0601.d
Date : 06-DEC-2007 15:37
Client ID:
Sample Info: AP9 L4 GSV096707

Column phase: CLP-PEST I

Instrument: GC_C.i

Operator: MPK
Column diameter: 0.32



Data File: /chem/GC_C.i/C120607-2.b/C#B-007f0701.d Page 1
Report Date: 07-Dec-2007 11:02

STL Denver

Data file : /chem/GC_C.i/C120607-2.b/C#B-007f0701.d
Lab Smp Id: AP9 L3 GSV096807
Inj Date : 06-DEC-2007 15:53
Operator : MPK Inst ID: GC_C.i
Smp Info : AP9 L3 GSV096807
Misc Info : Column 2-J&W 30m 0.32mm ID 0.5um df DB-XLB
Comment :
Method : /chem/GC_C.i/C120607-2.b/C_8081_2.m
Meth Date : 07-Dec-2007 11:02 kellisom Quant Type: ESTD
Cal Date : 06-DEC-2007 17:48 Cal File: C#B-014f1401.d
Als bottle: 7 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 2-AP9.sub
Target Version: 3.50
Processing Host: chemsv04

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ng/ml)	ON-COL (ng/ml)
2 Diallate	4.211	4.212	-0.001	87229708	2500.00	2541.7(A)
10 Chlorpyrifos	5.305	5.305	0.000	75692148	125.000	128.54
14 Isodrin	5.670	5.671	-0.001	170811226	125.000	128.11
13 Dicofol.	5.583	5.582	0.001	31924246	250.000	256.61
16 2,4'-DDE	5.982	5.983	-0.001	29712135	25.0000	26.638
21 2,4'-DDD	6.564	6.565	-0.001	23272359	25.0000	25.654
23 Chlorobenzilate	6.767	6.769	-0.002	24040471	250.000	251.04(A)
25 2,4'-DDT	6.944	6.945	-0.001	25787576	25.0000	25.424
28 Kepone	7.211	7.211	0.000	99521427	250.000	254.65(A)
36 DBPP	11.398	11.399	-0.001	170981421	1250.00	1211.9

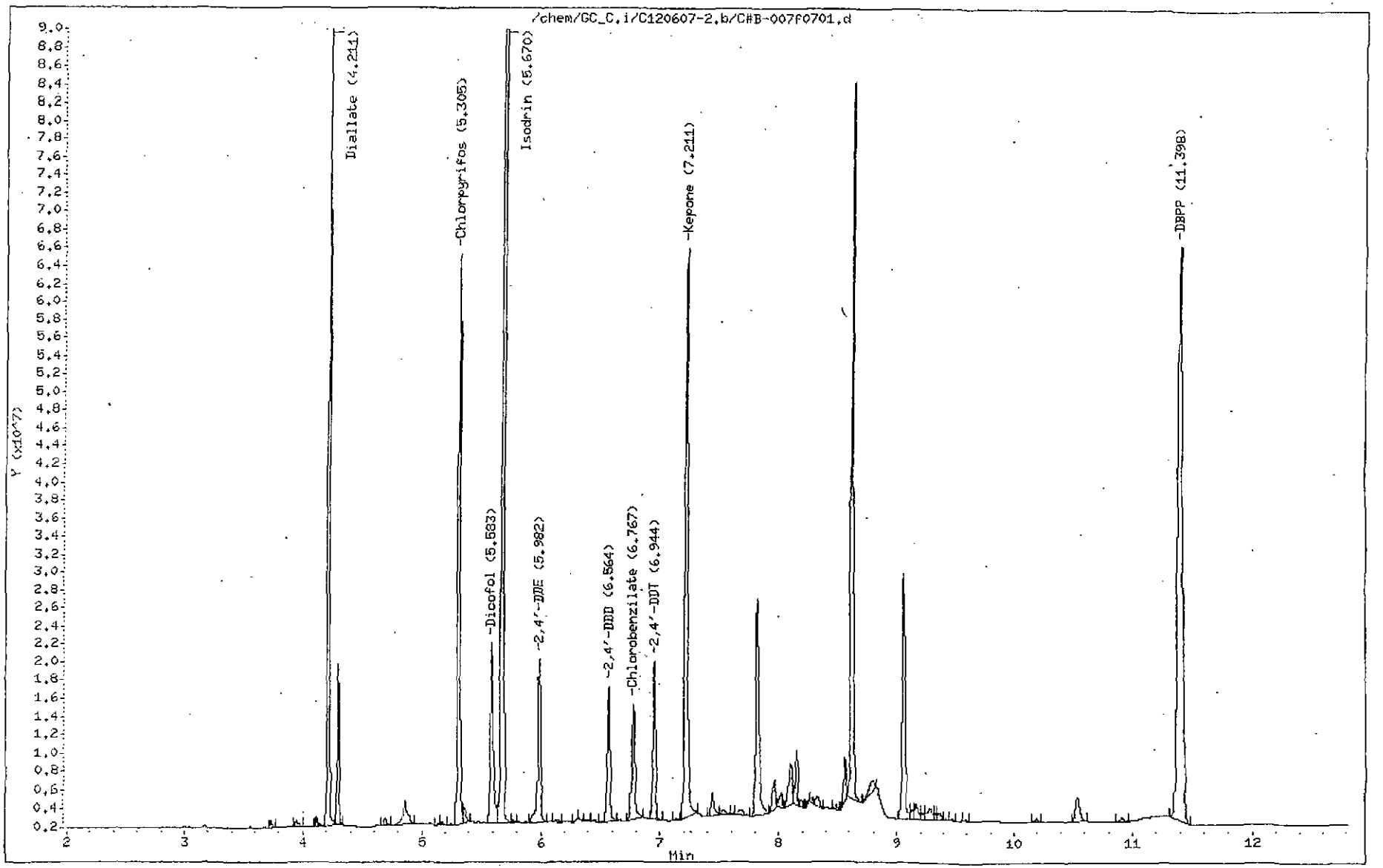
QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.

Data File: /chem/GC_C.i/C120607-2.b/C#B-007f0701.d
Date : 06-DEC-2007 15:53
Client ID:
Sample Info: AP9 L3 CSV096807

Instrument: GC_C.i
Operator: MPK
Column diameter: 0.32

Column phase: CLP-PEST I



Data File: /chem/GC_C.i/C120607-2.b/C#B-008f0801.d Page 1
Report Date: 07-Dec-2007 11:02

STL Denver

Data file : /chem/GC_C.i/C120607-2.b/C#B-008f0801.d
Lab Smp Id: AP9 L2 GSV096907
Inj Date : 06-DEC-2007 16:10
Operator : MPK Inst ID: GC_C.i
Smp Info : AP9 L2 GSV096907
Misc Info : Column 2-J&W 30m 0.32mm ID 0.5um df DB-XLB
Comment :
Method : /chem/GC_C.i/C120607-2.b/C_8081_2.m
Meth Date : 07-Dec-2007 11:02 kellisom Quant Type: ESTD
Cal Date : 06-DEC-2007 18:05 Cal File: C#B-015f1501.d
Als bottle: 8 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 2-AP9.sub
Target Version: 3.50
Processing Host: chemsv04

					AMOUNTS	
					CAL-AMT	ON-COL
Compounds	RT	EXP RT	DLT RT	RESPONSE	(ng/ml)	(ng/ml)
2 Diallate	4.211	4.212	-0.001	36942896	1000.00	1005.8(A)
10 Chlorpyrifos	5.304	5.305	-0.001	32470897	50.0000	50.213
14 Isodrin	5.671	5.671	0.000	72534209	50.0000	49.678
13 Dicofol	5.586	5.582	0.004	13736427	100.000	99.279
16 2,4'-DDE	5.983	5.983	0.000	12537436	10.0000	10.382
21 2,4'-DDD	6.564	6.565	-0.001	9283043	10.0000	9.8454
23 Chlorobenzilate	6.768	6.769	-0.001	10975188	100.000	103.20(A)
25 2,4'-DDT	6.946	6.945	0.001	10186596	10.0000	9.7765
28 Kepone	7.213	7.211	0.002	34305788	100.000	97.063
36 DBPP	11.400	11.399	0.001	30883275	500.000	467.32

QC Flag Legend

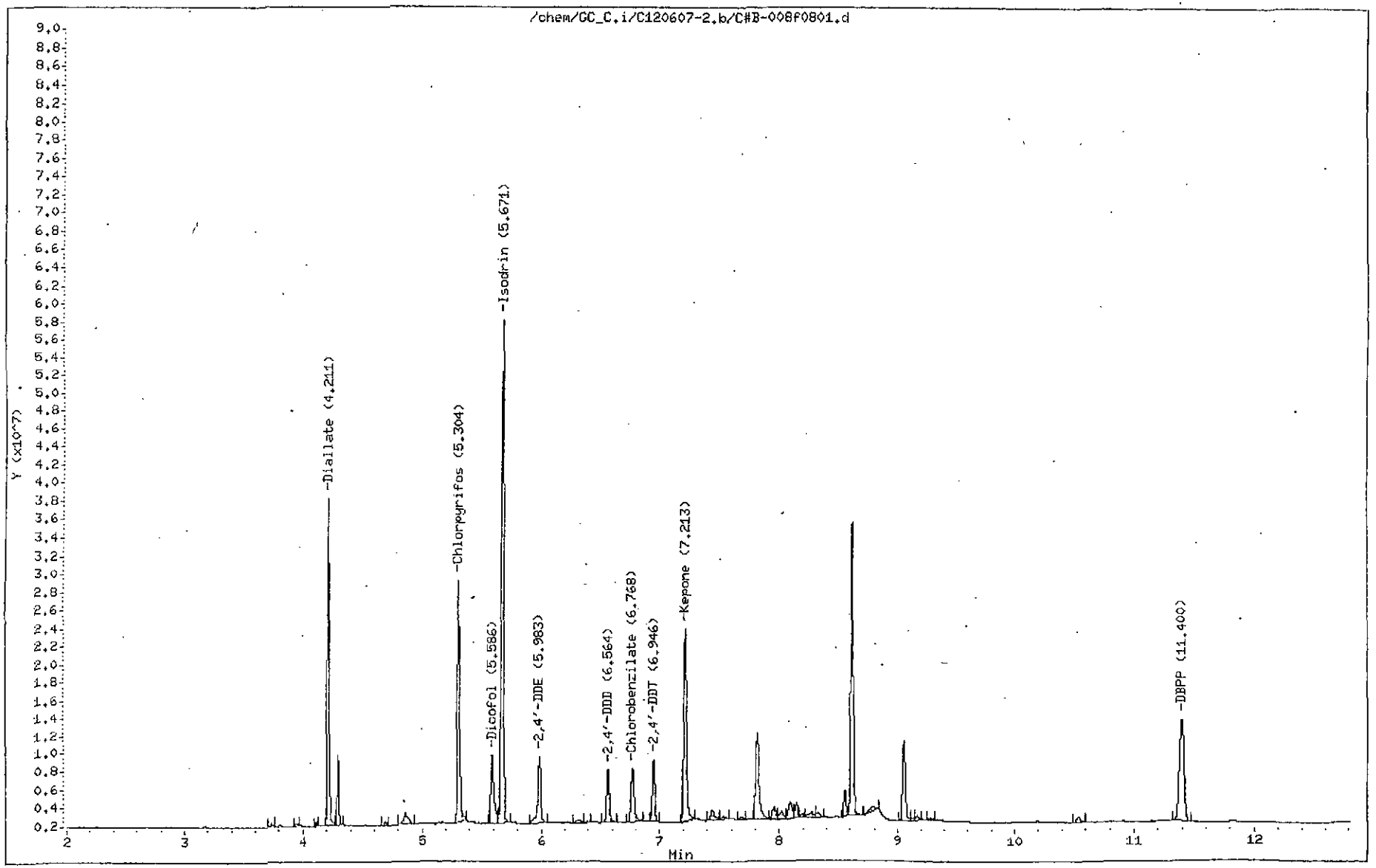
A - Target compound detected but, quantitated amount exceeded maximum amount.

Data File: /chem/GC_C.i/C120607-2.b/C#B-008f0801.d
Date : 06-DEC-2007 16:10
Client ID:
Sample Info: AP9 L2 GSV096907

Column phase: CLP-PEST I

Instrument: GC_C.i

Operator: MPK
Column diameter: 0.32



Data File: /chem/GC_C.i/C120607-2.b/C#B-009f0901.d Page 1
Report Date: 07-Dec-2007 11:02

STL Denver

Data file : /chem/GC_C.i/C120607-2.b/C#B-009f0901.d
Lab Smp Id: AP9 L1 GSV097007
Inj Date : 06-DEC-2007 16:26
Operator : MPK Inst ID: GC_C.i
Smp Info : AP9 L1 GSV097007
Misc Info : Column 2-J&W 30m 0.32mm ID 0.5um df DB-XLB
Comment :
Method : /chem/GC_C.i/C120607-2.b/C_8081_2.m
Meth Date : 07-Dec-2007 11:02 kellisom Quant Type: ESTD
Cal Date : 06-DEC-2007 18:21 Cal File: C#B-016f1601.d
Als bottle: 9 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 2-AP9.sub
Target Version: 3.50
Processing Host: chemsv04

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ng/ml)	AMOUNTS ON-COL (ng/ml)
2 Diallate	4.211	4.212	-0.001	20310324	500.000	497.82(A)
10 Chlorpyrifos	5.305	5.305	0.000	17117518	25.0000	23.549
14 Isodrin	5.669	5.671	-0.002	38950468	25.0000	24.158
13 Dicofol	5.588	5.582	0.006	7512474	50.0000	46.837
16 2,4'-DDE	5.981	5.983	-0.002	6713753	5.00000	4.8705
21 2,4'-DDD	6.564	6.565	-0.001	4819036	5.00000	4.9212
23 Chlorobenzilate	6.769	6.769	0.000	5974688	50.0000	49.821
25 2,4'-DDT	6.944	6.945	-0.001	5374608	5.00000	5.0644
36 DBPP	11.403	11.399	0.004	6368063	250.000	332.46

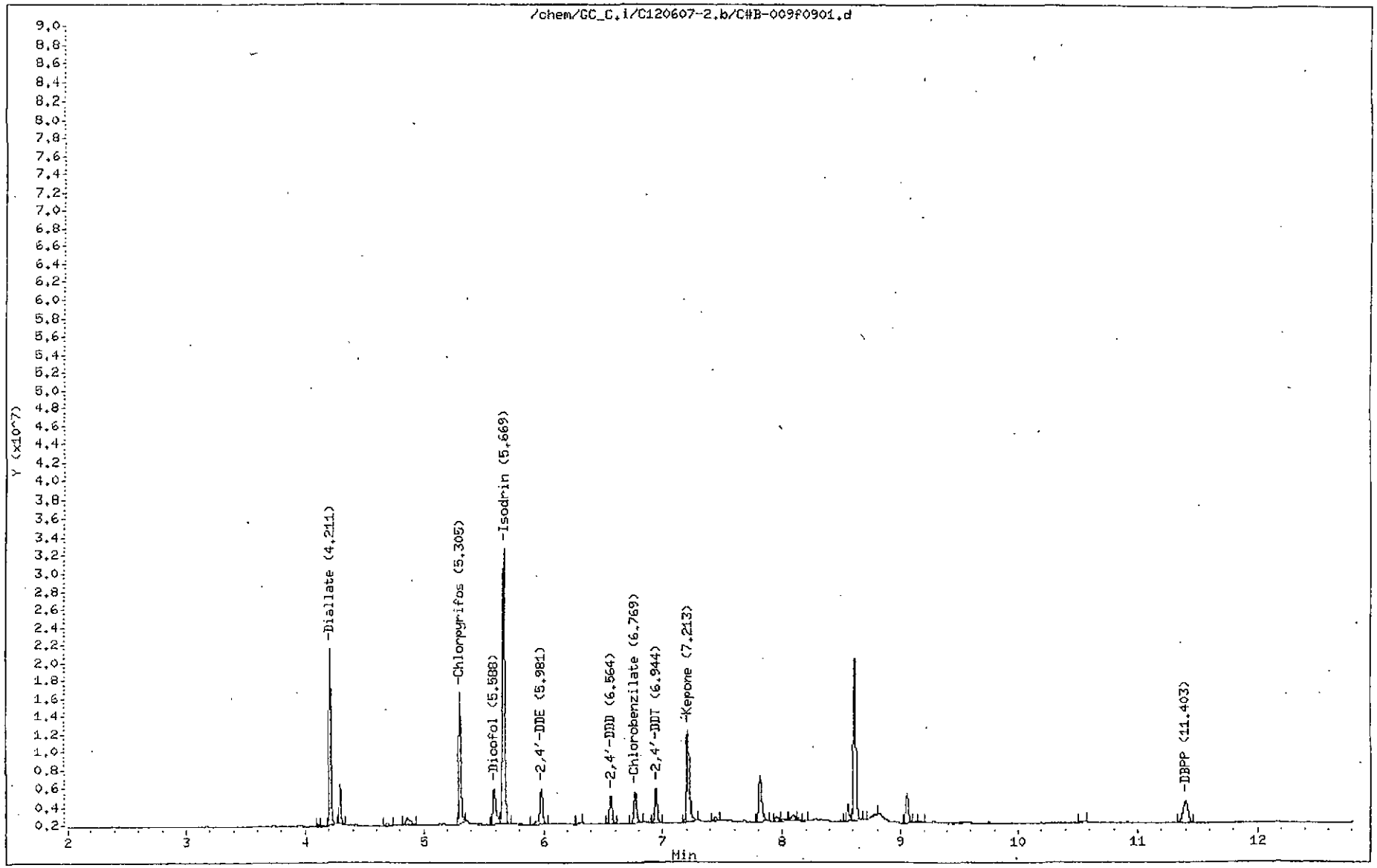
QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.

Data File: /chem/GC_C.i/C120607-2.b/C#B-009f0901.d
Date : 06-DEC-2007 16:26
Client ID:
Sample Info: AP9 L1 GSV097007

Instrument: GC_C.i
Operator: MPK
Column diameter: 0.32

Column phase: CLP-PEST I



Data File: /chem/GC_C.i/C120607-2.b/C#B-010f1001.d Page 1
Report Date: 07-Dec-2007 11:02

STL Denver

Data file : /chem/GC_C.i/C120607-2.b/C#B-010f1001.d
Lab Smp Id: AP9 SS GSV122607
Inj Date : 06-DEC-2007 16:42
Operator : MPK Inst ID: GC_C.i
Smp Info : AP9 SS GSV122607
Misc Info : Column 2-J&W 30m 0.32mm ID 0.5um df DB-XLB
Comment :
Method : /chem/GC_C.i/C120607-2.b/C_8081_2.m
Meth Date : 07-Dec-2007 11:02 kellisom Quant Type: ESTD
Cal Date : 06-DEC-2007 18:21 Cal File: C#B-016f1601.d
Als bottle: 10 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 2-AP9.sub
Target Version: 3.50
Processing Host: chemsv04

	Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ng/ml)	ON-COL (ng/ml)
2	Diallate	4.212	4.212	0.000	91925359	3500.00	2685.1(A)
10	Chlorpyrifos	5.306	5.305	0.001	73890236	175.000	125.18
14	Isodrin	5.671	5.671	0.000	169632341	175.000	127.13
13	Dicofol	5.582	5.582	0.000	36402911	350.000	296.28
16	2,4'-DDE	5.982	5.983	-0.001	27598877	35.0000	24.637
21	2,4'-DDD	6.564	6.565	-0.001	23849020	35.0000	26.318
23	Chlorobenzilate	6.768	6.769	-0.001	24734026	350.000	259.22(A)
25	2,4'-DDT	6.944	6.945	-0.001	25793934	35.0000	25.430
28	Kepone	7.211	7.211	0.000	141341437	350.000	354.35(A)
36	DBPP	11.397	11.399	-0.002	172204471	1750.00	1218.2

QC Flag Legend

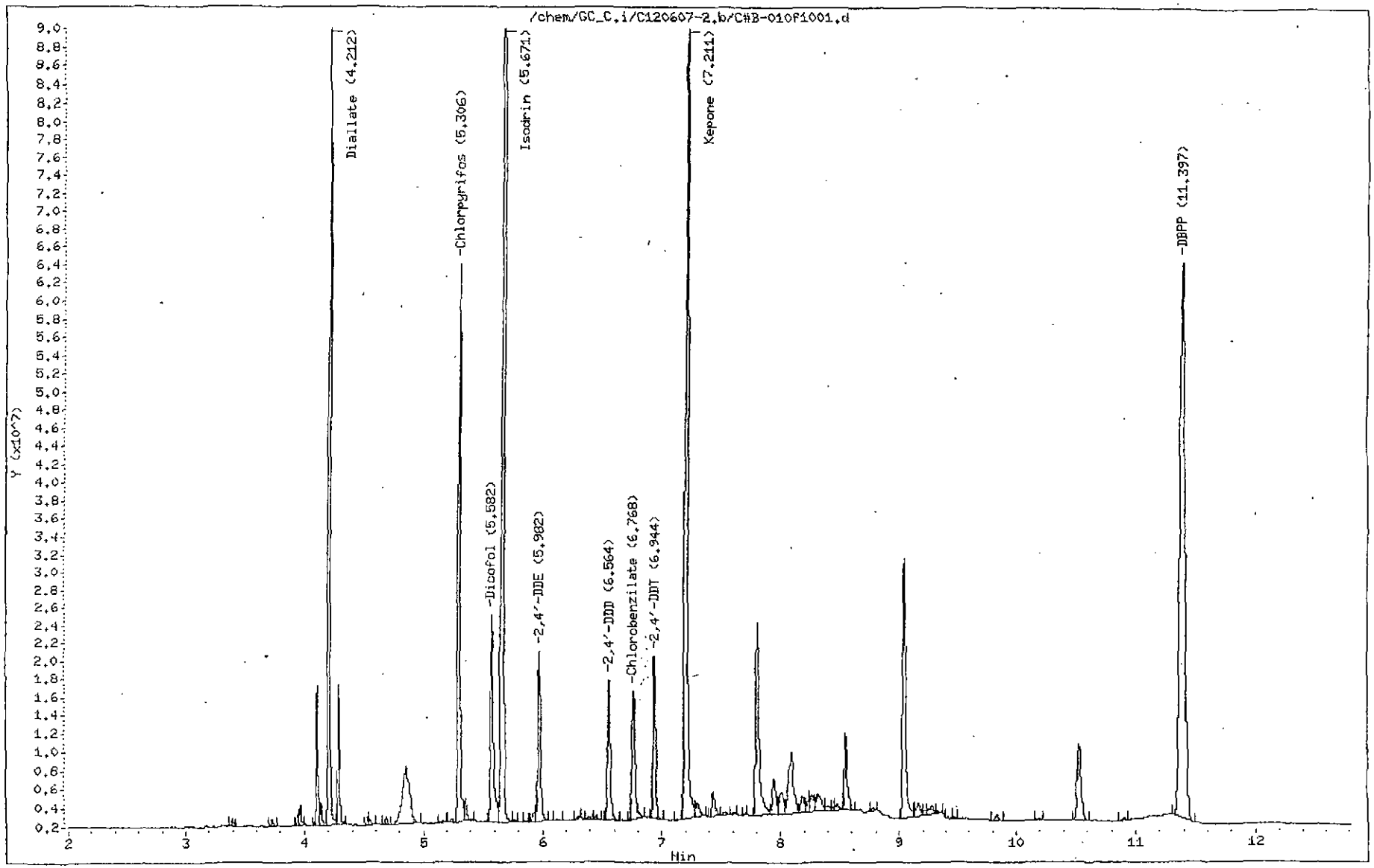
A - Target compound detected but, quantitated amount exceeded maximum amount.

Data File: /chem/GC_C.i/C120607-2.b/C#B-010f1001.d
Date : 06-DEC-2007 16:42
Client ID:
Sample Info: AP9 SS GSV122607

Column phase: CLP-PEST I

Instrument: GC_C.i

Operator: MPK
Column diameter: 0.32



Data File: /chem/GC_C.i/C120607-2.b/C#B-011f1101.d Page 1
Report Date: 07-Dec-2007 11:03

STL Denver

Data file : /chem/GC_C.i/C120607-2.b/C#B-011f1101.d
Lab Smp Id: AB L6 GSV137307
Inj Date : 06-DEC-2007 16:59
Operator : MPK Inst ID: GC_C.i
Smp Info : AB L6 GSV137307
Misc Info : Column 2-J&W 30m 0.32mm ID 0.5um df DB-XLB
Comment :
Method : /chem/GC_C.i/C120607-2.b/C_8081_2.m
Meth Date : 07-Dec-2007 11:03 kellisom Quant Type: ESTD
Cal Date : 06-DEC-2007 16:59 Cal File: C#B-011f1101.d
Als bottle: 11 Calibration Sample, Level: 6
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 1-INDAB.sub
Target Version: 3.50
Processing Host: chemsv04

	Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ng/ml)	AMOUNTS ON-COL (ng/ml)
$	1 Tetrachloro-m-xylene	4.080	4.082	-0.002	135908745	100.000	95.552
	3 alpha-BHC	4.409	4.410	-0.001	195605014	100.000	99.778
	4 Hexachlorobenzene	4.465	4.465	0.000	149216206	100.000	95.766
	5 gamma-BHC (Lindane)	4.655	4.655	0.000	170915725	100.000	98.824
	6 beta-BHC	4.870	4.871	-0.001	75166132	100.000	96.546
	8 delta-BHC	5.056	5.057	-0.001	180470458	100.000	101.77(A)
	9 Heptachlor	5.093	5.093	0.000	159847757	100.000	95.116
	12 Aldrin	5.360	5.360	0.000	166041088	100.000	97.980
	15 Heptachlor epoxide	5.790	5.789	0.001	146840549	100.000	94.662
	17 gamma-Chlordane	6.156	6.155	0.001	160699740	100.000	99.297
	18 alpha-Chlordane	6.214	6.213	0.001	156227563	100.000	98.220
	19 Endosulfan I	6.254	6.253	0.001	143003554	100.000	100.01(A)
	20 4,4'-DDE	6.444	6.443	0.001	166729371	100.000	99.717
	22 Dieldrin	6.590	6.589	0.001	161095176	100.000	97.456
	24 Endrin	6.870	6.870	0.000	139921501	100.000	101.66(A)
	26 4,4'-DDD	7.099	7.098	0.001	128243963	100.000	99.058
	27 Endosulfan II	7.206	7.205	0.001	135227728	100.000	98.804
	29 Endrin aldehyde	7.336	7.335	0.001	106040357	100.000	97.694
	30 4,4'-DDT	7.455	7.452	0.003	119628313	100.000	101.52(A)
	31 Endosulfan sulfate	7.665	7.664	0.001	118359887	100.000	99.265
	32 Methoxychlor	7.972	7.970	0.002	55800673	100.000	98.144
	33 Endrin ketone	8.105	8.103	0.002	130426275	100.000	97.784
	34 Mirex	8.615	8.611	0.004	87910216	100.000	100.06
$	35 Decachlorobiphenyl	9.849	9.846	0.003	110837518	100.000	98.806

QC Flag Legend

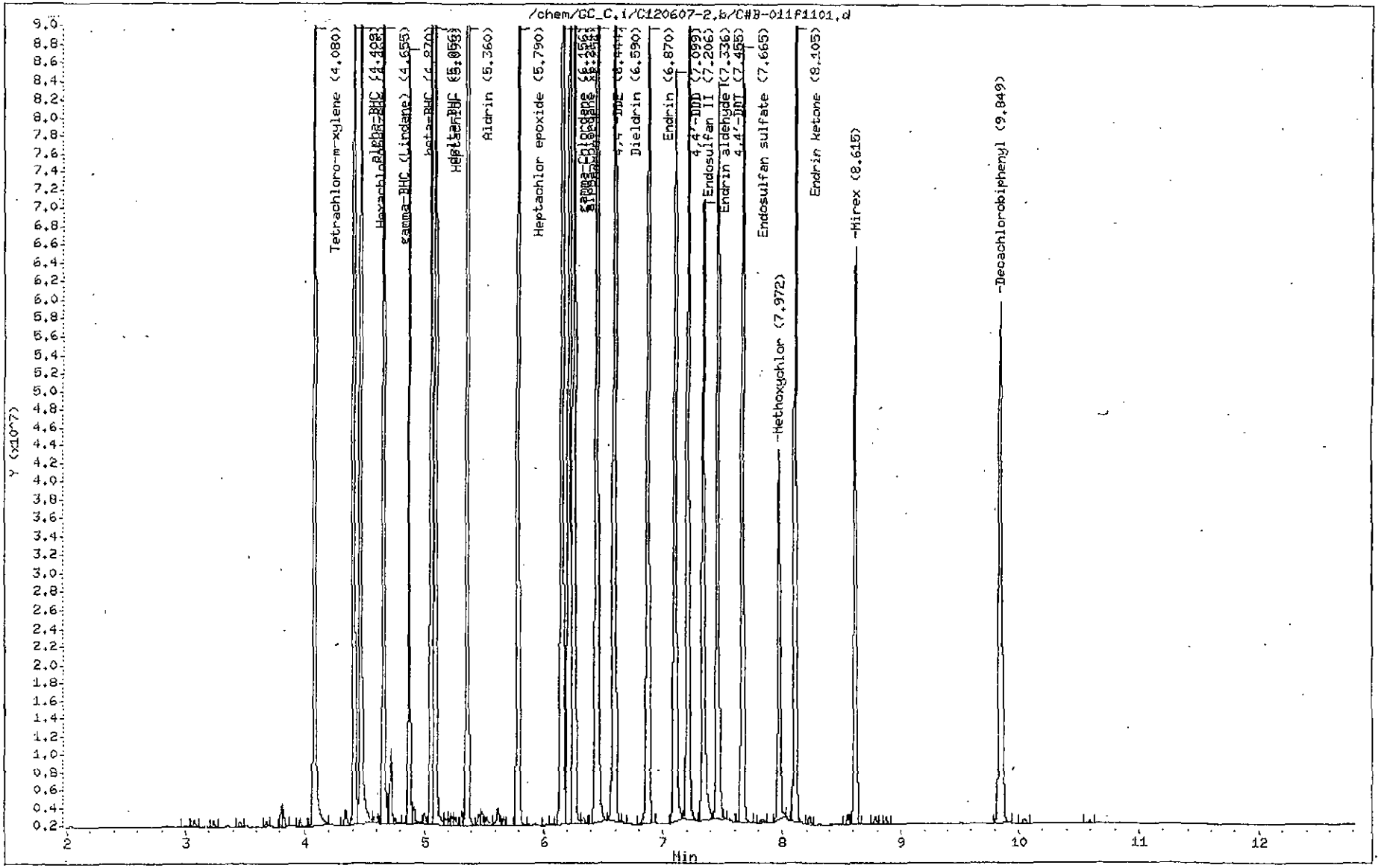
A - Target compound detected but, quantitated amount exceeded maximum amount.

Data File: /chem/GC_C.i/C120607-2.b/C#B-011f1101.d
Date : 06-DEC-2007 16:59
Client ID:
Sample Info: AB L6 GSV137307

Instrument: GC_C.i

Operator: MPK
Column diameter: 0.32

Column phase: CLP-PEST I



Data File: /chem/GC_C.i/C120607-2.b/C#B-012f1201.d Page 1
Report Date: 07-Dec-2007 11:03

STL Denver

Data file : /chem/GC_C.i/C120607-2.b/C#B-012f1201.d
Lab Smp Id: AB L5 GSV137407
Inj Date : 06-DEC-2007 17:15
Operator : MPK Inst ID: GC_C.i
Smp Info : AB L5 GSV137407
Misc Info : Column 2-J&W 30m 0.32mm ID 0.5um df DB-XLB
Comment :
Method : /chem/GC_C.i/C120607-2.b/C_8081_2.m
Meth Date : 07-Dec-2007 11:03 kellisom Quant Type: ESTD
Cal Date : 06-DEC-2007 17:15 Cal File: C#B-012f1201.d
Als bottle: 12 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 1-INDAB.sub
Target Version: 3.50
Processing Host: chemsv04

	Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ng/ml)	ON-COL (ng/ml)
$	1 Tetrachloro-m-xylene	4.081	4.082	-0.001	102400569	75.0000	71.994
	3 alpha-BHC	4.409	4.410	-0.001	145417067	75.0000	74.177
	4 Hexachlorobenzene	4.465	4.465	0.000	112380774	75.0000	72.261
	5 gamma-BHC (Lindane)	4.655	4.655	0.000	125249557	75.0000	72.420
	6 beta-BHC	4.871	4.871	0.000	56338936	75.0000	72.363
	8 delta-BHC	5.058	5.057	0.001	133394445	75.0000	75.224
	9 Heptachlor	5.093	5.093	0.000	119630543	75.0000	71.186
	12 Aldrin	5.360	5.360	0.000	123687498	75.0000	72.988
	15 Heptachlor epoxide	5.789	5.789	0.000	110807191	75.0000	71.433
	17 gamma-Chlordane	6.155	6.155	0.000	119282107	75.0000	73.705
	18 alpha-Chlordane	6.213	6.213	0.000	116724727	75.0000	73.384
	19 Endosulfan I	6.254	6.253	0.001	106161670	75.0000	74.156
	20 4,4'-DDE	6.444	6.443	0.001	124373791	75.0000	74.385
	22 Dieldrin	6.589	6.589	0.000	120288987	75.0000	72.770
	24 Endrin	6.871	6.870	0.001	100253167	75.0000	72.835
	26 4,4'-DDD	7.098	7.098	0.000	94800635	75.0000	73.226
	27 Endosulfan II	7.207	7.205	0.002	99906061	75.0000	72.815
	29 Endrin aldehyde	7.334	7.335	-0.001	79985136	75.0000	73.578
	30 4,4'-DDT	7.454	7.452	0.002	87581592	75.0000	74.326
	31 Endosulfan sulfate	7.664	7.664	0.000	87902339	75.0000	73.598
	32 Methoxychlor	7.971	7.970	0.001	40991263	75.0000	72.097
	33 Endrin ketone	8.104	8.103	0.001	97574843	75.0000	73.020
	34 Mirex	8.614	8.611	0.003	64740443	75.0000	73.401
$	35 Decachlorobiphenyl	9.847	9.846	0.001	82498798	75.0000	73.274

Data File: /chem/GC_C.i/C120607-2.b/C#B-012f1201.d

Date : 06-DEC-2007 17:15

Client ID:

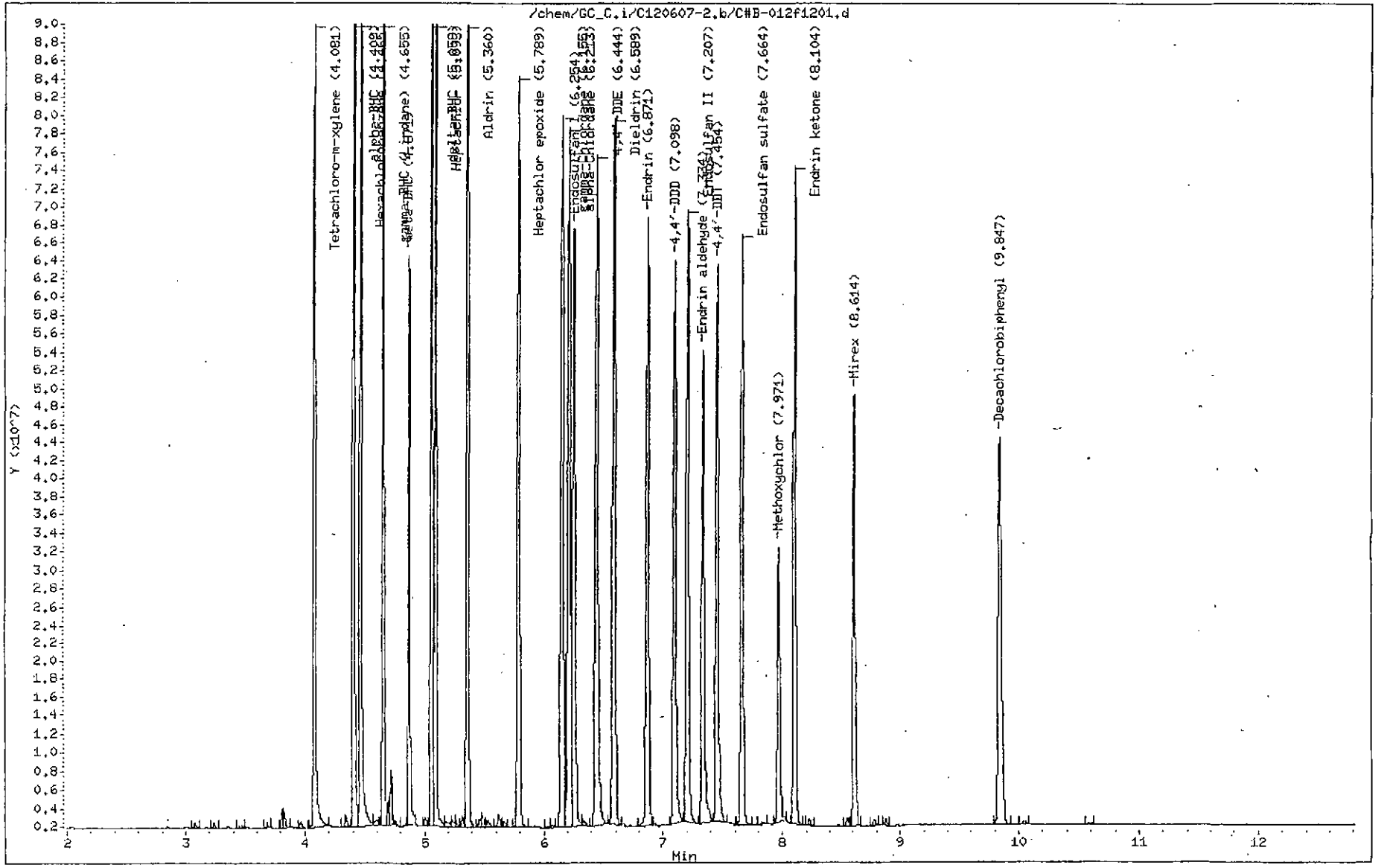
Sample Info: AB L6 GSV137407

Column phase: CLP-PEST I

Instrument: GC_C.i

Operator: MPK

Column diameter: 0.32



Data File: /chem/GC_C.i/C120607-2.b/C#B-013f1301.d Page 1
Report Date: 07-Dec-2007 11:03

STL Denver

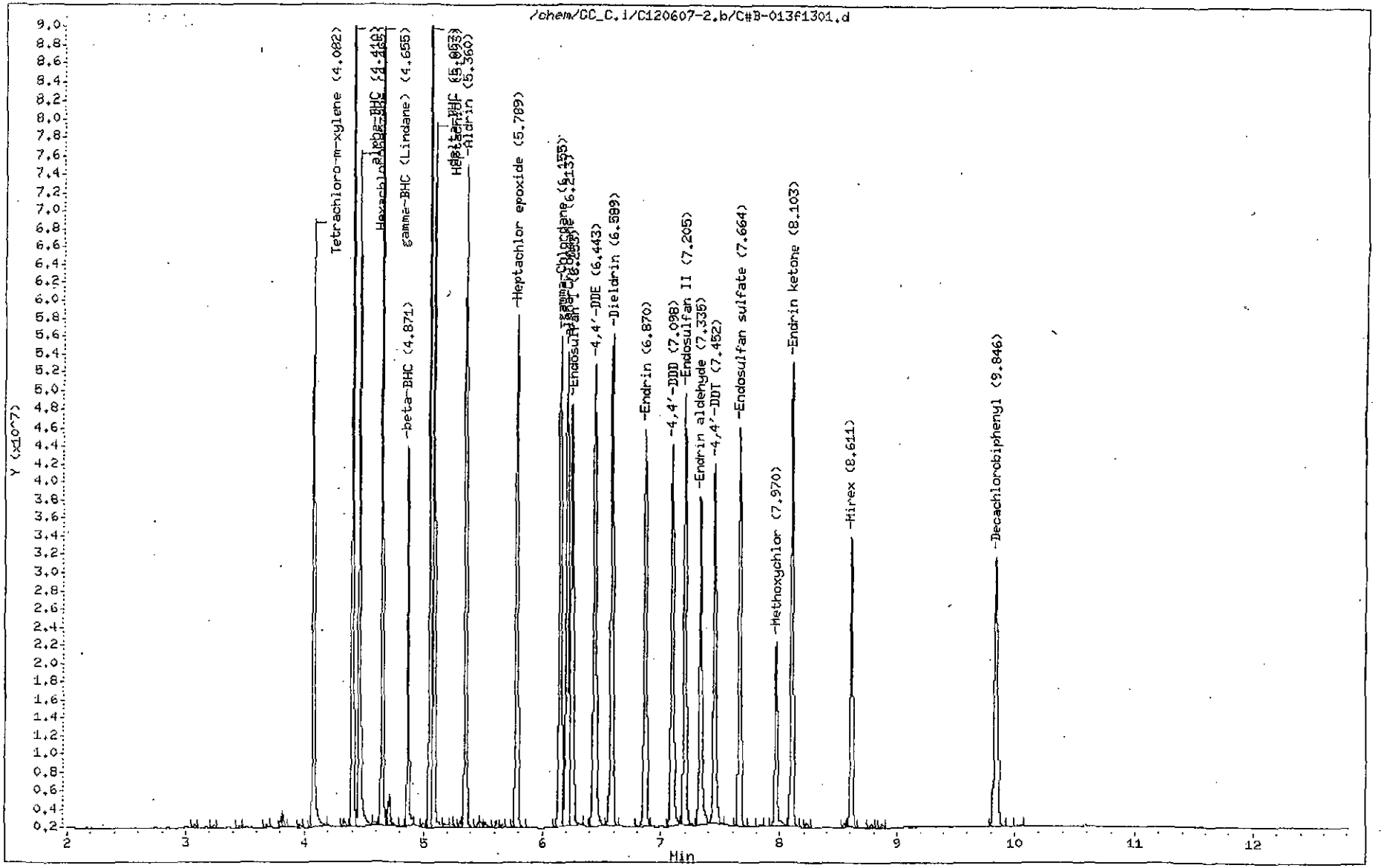
Data file : /chem/GC_C.i/C120607-2.b/C#B-013f1301.d
Lab Smp Id: AB L4 GSV137507
Inj Date : 06-DEC-2007 17:32
Operator : MPK Inst ID: GC_C.i
Smp Info : AB L4 GSV137507
Misc Info : Column 2-J&W 30m 0.32mm ID 0.5um df DB-XLB
Comment :
Method : /chem/GC_C.i/C120607-2.b/C_8081_2.m
Meth Date : 07-Dec-2007 11:03 kellisom Quant Type: ESTD
Cal Date : 06-DEC-2007 19:27 Cal File: C#B-020f2001.d
Als bottle: 13 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 1-INDAB.sub
Target Version: 3.50
Processing Host: chemsv04

	Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ng/ml)	AMOUNTS ON-COL (ng/ml)
$ 1	Tetrachloro-m-xylene	4.082	4.082	0.000	70130804	50.0000	49.306
3	alpha-BHC	4.410	4.410	0.000	98694778	50.0000	50.344
4	Hexachlorobenzene	4.465	4.465	0.000	77295444	50.0000	49.874
5	gamma-BHC (Lindane)	4.655	4.655	0.000	85273570	50.0000	49.305
6	beta-BHC	4.871	4.871	0.000	38534353	50.0000	49.495
8	delta-BHC	5.057	5.057	0.000	90087946	50.0000	50.803
9	Heptachlor	5.093	5.093	0.000	82870719	50.0000	49.312
12	Aldrin	5.360	5.360	0.000	84283329	50.0000	49.735
15	Heptachlor epoxide	5.789	5.789	0.000	76481198	50.0000	49.304
17	gamma-Chlordane	6.155	6.155	0.000	80666389	50.0000	49.844
18	alpha-Chlordane	6.213	6.213	0.000	78972925	50.0000	49.650
19	Endosulfan I	6.253	6.253	0.000	72733937	50.0000	50.697
20	4,4'-DDE	6.443	6.443	0.000	84672673	50.0000	50.640
22	Dieldrin	6.589	6.589	0.000	82484946	50.0000	49.900
24	Endrin	6.870	6.870	0.000	67670407	50.0000	49.164
26	4,4'-DDD	7.098	7.098	0.000	64544463	50.0000	49.855
27	Endosulfan II	7.205	7.205	0.000	68310552	50.0000	49.567
29	Endrin aldehyde	7.335	7.335	0.000	55449352	50.0000	50.869
30	4,4'-DDT	7.452	7.452	0.000	59136796	50.0000	50.186
31	Endosulfan sulfate	7.664	7.664	0.000	60354188	50.0000	50.382
32	Methoxychlor	7.970	7.970	0.000	29098038	50.0000	51.179
33	Endrin ketone	8.103	8.103	0.000	67612324	50.0000	50.433
34	Mirex	8.611	8.611	0.000	44318452	50.0000	49.904
$ 35	Decachlorobiphenyl	9.846	9.846	0.000	56673195	50.0000	50.007

Data File: /chem/GC_C.i/C120607-2.b/C#B-013f1301.d
Date : 06-DEC-2007 17:32
Client ID:
Sample Info: AB L4 GSV137607

Instrument: GC_C.i
Operator: MPK
Column diameter: 0.32

Column phase: CLP-PEST I



Data File: /chem/GC_C.i/C120607-2.b/C#B-014f1401.d Page 1
Report Date: 07-Dec-2007 11:03

STL Denver

Data file : /chem/GC_C.i/C120607-2.b/C#B-014f1401.d
Lab Smp Id: AB L3 GSV137607
Inj Date : 06-DEC-2007 17:48
Operator : MPK Inst ID: GC_C.i
Smp Info : AB L3 GSV137607
Misc Info : Column 2-J&W 30m 0.32mm ID 0.5um df DB-XLB
Comment :
Method : /chem/GC_C.i/C120607-2.b/C_8081_2.m
Meth Date : 07-Dec-2007 11:03 kellisom Quant Type: ESTD
Cal Date : 06-DEC-2007 17:48 Cal File: C#B-014f1401.d
Als bottle: 14 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 1-INDAB.sub
Target Version: 3.50
Processing Host: chemsv04

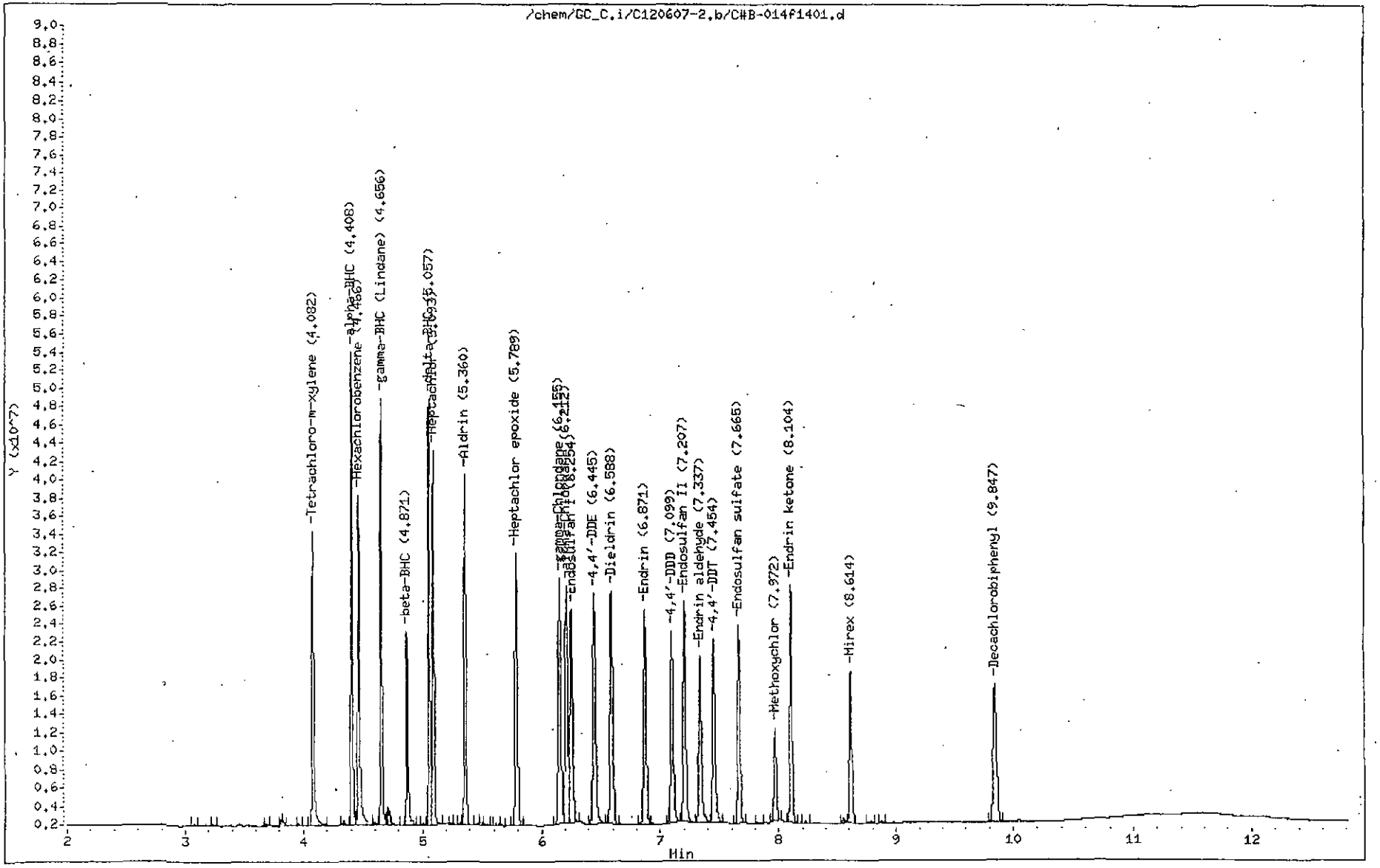
						AMOUNTS	
	Compounds	RT	EXP RT	DLT RT	RESPONSE	CAL-AMT (ng/ml)	ON-COL (ng/ml)
$	1 Tetrachloro-m-xylene	4.082	4.082	0.000	35752462	25.0000	25.136
	3 alpha-BHC	4.408	4.410	-0.002	49671090	25.0000	25.337
	4 Hexachlorobenzene	4.466	4.465	0.001	40083323	25.0000	26.129
	5 gamma-BHC (Lindane)	4.656	4.655	0.001	43284297	25.0000	25.027
	6 beta-BHC	4.871	4.871	0.000	19717297	25.0000	25.326
	8 delta-BHC	5.057	5.057	0.000	44253892	25.0000	24.956
	9 Heptachlor	5.093	5.093	0.000	42347738	25.0000	25.199
	12 Aldrin	5.360	5.360	0.000	42754118	25.0000	25.229
	15 Heptachlor epoxide	5.789	5.789	0.000	38839727	25.0000	25.038
	17 gamma-Chlordane	6.155	6.155	0.000	39957451	25.0000	24.690
	18 alpha-Chlordane	6.212	6.213	-0.001	39163532	25.0000	24.622
	19 Endosulfan I	6.254	6.253	0.001	36396273	25.0000	25.195
	20 4,4'-DDE	6.445	6.443	0.002	41802159	25.0000	25.001
	22 Dieldrin	6.588	6.589	-0.001	41402823	25.0000	25.047
	24 Endrin	6.871	6.870	0.001	34593200	25.0000	25.132
	26 4,4'-DDD	7.099	7.098	0.001	31935597	25.0000	24.668
	27 Endosulfan II	7.207	7.205	0.002	35196306	25.0000	25.202
	29 Endrin aldehyde	7.337	7.335	0.002	27695199	25.0000	25.180
	30 4,4'-DDT	7.454	7.452	0.002	28987120	25.0000	24.600
	31 Endosulfan sulfate	7.665	7.664	0.001	30394635	25.0000	25.135
	32 Methoxychlor	7.972	7.970	0.002	13753895	25.0000	24.191
	33 Endrin ketone	8.104	8.103	0.001	34346676	25.0000	25.357
	34 Mirex	8.614	8.611	0.003	22660892	25.0000	24.986
$	35 Decachlorobiphenyl	9.847	9.846	0.001	29175349	25.0000	25.233

Data File: /chem/GC_C.i/C120607-2.b/C#B-014f1401.d
Date : 06-DEC-2007 17:48
Client ID:
Sample Info: AB L3 GSV137607

Column phase: CLP-PEST I

Instrument: GC_C.i

Operator: MPK
Column diameter: 0.32



Data File: /chem/GC_C.i/C120607-2.b/C#B-015f1501.d Page 1
Report Date: 07-Dec-2007 11:03

STL Denver

Data file : /chem/GC_C.i/C120607-2.b/C#B-015f1501.d
Lab Smp Id: AB L2 GSV137707
Inj Date : 06-DEC-2007 18:05
Operator : MPK Inst ID: GC_C.i
Smp Info : AB L2 GSV137707
Misc Info : Column 2-J&W 30m 0.32mm ID 0.5um df DB-XLB
Comment :
Method : /chem/GC_C.i/C120607-2.b/C_8081_2.m
Meth Date : 07-Dec-2007 11:03 kellisom Quant Type: ESTD
Cal Date : 06-DEC-2007 18:05 Cal File: C#B-015f1501.d
Als bottle: 15 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 1-INDAB.sub
Target Version: 3.50
Processing Host: chemsv04

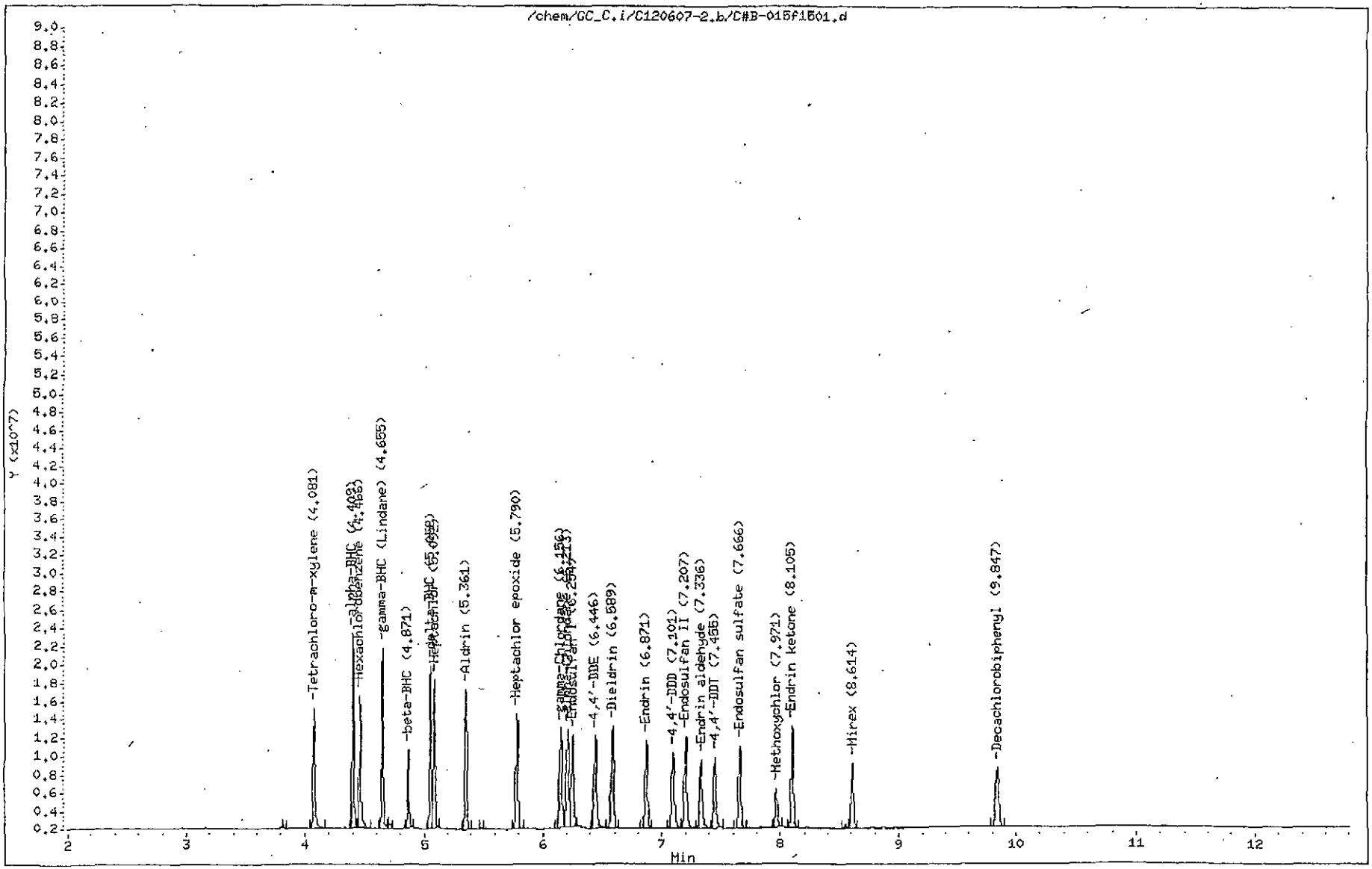
	Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ng/ml)	ON-COL (ng/ml)
$	1 Tetrachloro-m-xylene	4.081	4.082	-0.001	14715611	10.0000	10.346
	3 alpha-BHC	4.409	4.410	-0.001	19620763	10.0000	10.008
	4 Hexachlorobenzene	4.466	4.465	0.001	15758998	10.0000	10.608
	5 gamma-BHC (Lindane)	4.655	4.655	0.000	17726347	10.0000	10.249
	6 beta-BHC	4.871	4.871	0.000	7767963	10.0000	9.9774
	8 delta-BHC	5.058	5.057	0.001	17519729	10.0000	9.8798
	9 Heptachlor	5.092	5.093	-0.001	17330052	10.0000	10.312
	12 Aldrin	5.361	5.360	0.001	17381189	10.0000	10.256
	15 Heptachlor epoxide	5.790	5.789	0.001	16147984	10.0000	10.410
	17 gamma-Chlordane	6.156	6.155	0.001	16199184	10.0000	10.010
	18 alpha-Chlordane	6.213	6.213	0.000	16008206	10.0000	10.064
	19 Endosulfan I	6.254	6.253	0.001	14518253	10.0000	9.8414
	20 4,4'-DDE	6.446	6.443	0.003	16920019	10.0000	10.119
	22 Dieldrin	6.589	6.589	0.000	16934406	10.0000	10.245
	24 Endrin	6.871	6.870	0.001	14088129	10.0000	10.235
	26 4,4'-DDD	7.101	7.098	0.003	13266894	10.0000	10.248
	27 Endosulfan II	7.207	7.205	0.002	15331581	10.0000	10.586
	29 Endrin aldehyde	7.336	7.335	0.001	11581198	10.0000	10.266
	30 4,4'-DDT	7.455	7.452	0.003	11732175	10.0000	9.9565
	31 Endosulfan sulfate	7.666	7.664	0.002	12676643	10.0000	10.203
	32 Methoxychlor	7.971	7.970	0.001	5824948	10.0000	10.245
	33 Endrin ketone	8.105	8.103	0.002	14485312	10.0000	10.385
	34 Mirex	8.614	8.611	0.003	9926964	10.0000	10.335
$	35 Decachlorobiphenyl	9.847	9.846	0.001	12690458	10.0000	10.381

Data File: /chem/GC_C.i/C120607-2.b/C#B-015f1501.d
Date : 06-DEC-2007 18:05
Client ID:
Sample Info: AB L2 GSV137707

Column phase: CLP-PEST I

Instrument: GC_C.i

Operator: HPK
Column diameter: 0.32



Data File: /chem/GC_C.i/C120607-2.b/C#B-016f1601.d
Report Date: 07-Dec-2007 11:03

STL Denver

Data file : /chem/GC_C.i/C120607-2.b/C#B-016f1601.d
Lab Smp Id: AB L1 GSV137807
Inj Date : 06-DEC-2007 18:21
Operator : MPK Inst ID: GC_C.i
Smp Info : AB L1 GSV137807
Misc Info : Column 2-J&W 30m 0.32mm ID 0.5um df DB-XLB
Comment :
Method : /chem/GC_C.i/C120607-2.b/C_8081_2.m
Meth Date : 07-Dec-2007 11:03 kellisom Quant Type: ESTD
Cal Date : 06-DEC-2007 18:21 Cal File: C#B-016f1601.d
Als bottle: 16 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 1-INDAB.sub
Target Version: 3.50
Processing Host: chemsv04

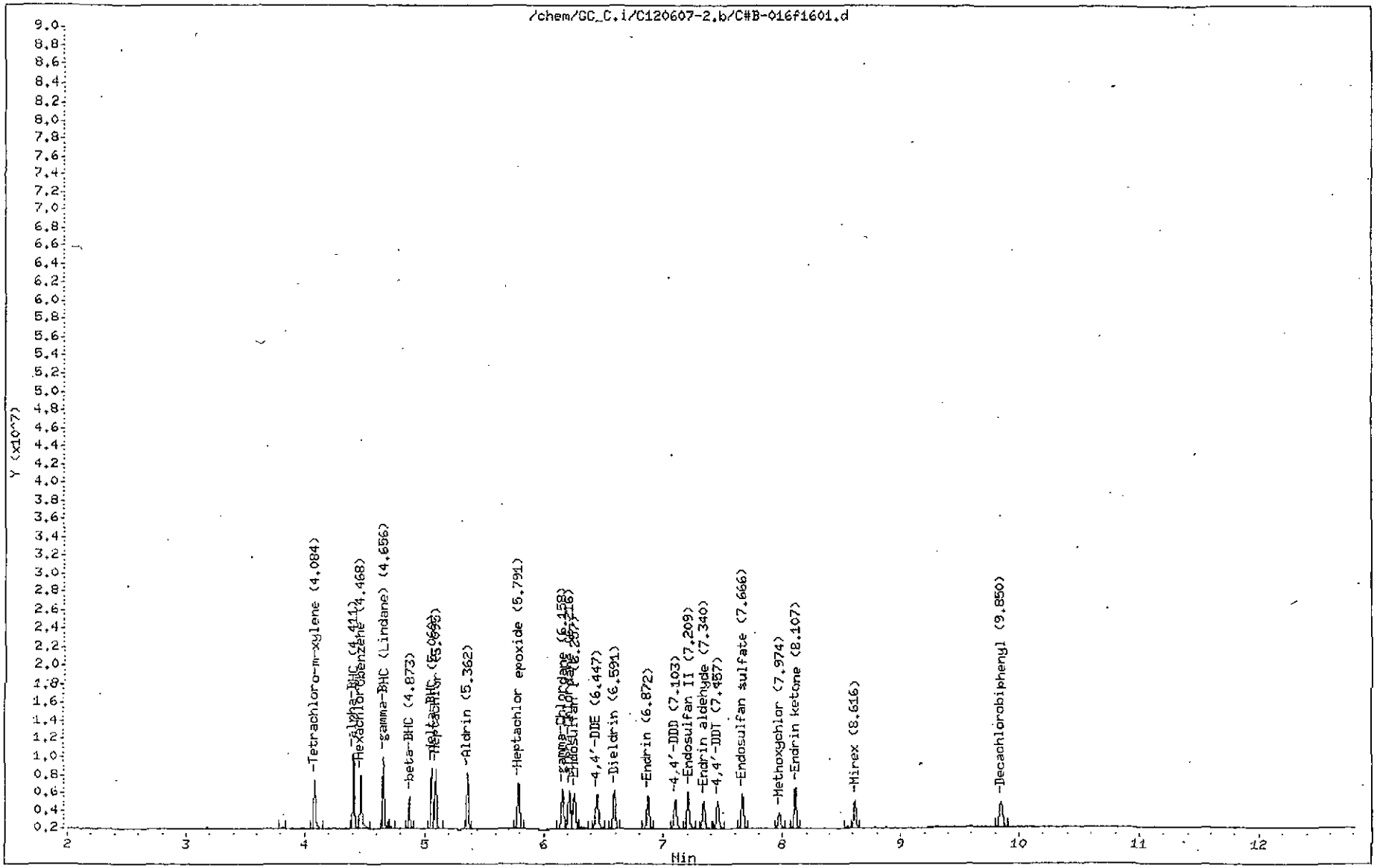
	Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ng/ml)	AMOUNTS ON-COL (ng/ml)
$	1 Tetrachloro-m-xylene	4.084	4.082	0.002	6021591	4.00000	4.2335
	3 alpha-BHC	4.411	4.410	0.001	7778818	4.00000	3.9680
	4 Hexachlorobenzene	4.468	4.465	0.003	6699333	5.00000	4.8269
	5 gamma-BHC (Lindane)	4.656	4.655	0.001	7153479	4.00000	4.1362
	6 beta-BHC	4.873	4.871	0.002	3329231	4.00000	4.2762
	8 delta-BHC	5.060	5.057	0.003	6930159	4.00000	3.9081
	9 Heptachlor	5.095	5.093	0.002	7221568	4.00000	4.2972
	12 Aldrin	5.362	5.360	0.002	6897126	4.00000	4.0700
	15 Heptachlor epoxide	5.791	5.789	0.002	6653505	4.00000	4.2892
	17 gamma-Chlordane	6.158	6.155	0.003	6725183	4.00000	4.1555
	18 alpha-Chlordane	6.216	6.213	0.003	6712439	4.00000	4.2201
	19 Endosulfan I	6.257	6.253	0.004	6220758	4.00000	4.0183
	20 4,4'-DDE	6.447	6.443	0.004	6596151	4.00000	3.9450
	22 Dieldrin	6.591	6.589	0.002	6815958	4.00000	4.1234
	24 Endrin	6.872	6.870	0.002	5506920	4.00000	4.0009
	26 4,4'-DDD	7.103	7.098	0.005	5305510	4.00000	4.0981
	27 Endosulfan II	7.209	7.205	0.004	6260755	4.00000	3.9119
	29 Endrin aldehyde	7.340	7.335	0.005	4762966	4.00000	3.9550
	30 4,4'-DDT	7.457	7.452	0.005	4762251	4.00000	4.0415
	31 Endosulfan sulfate	7.666	7.664	0.002	5275958	4.00000	3.9667
	32 Methoxychlor	7.974	7.970	0.004	2368725	4.00000	4.1662
	33 Endrin ketone	8.107	8.103	0.004	5929833	4.00000	3.9357
	34 Mirex	8.616	8.611	0.005	4378634	4.00000	3.9518
$	35 Decachlorobiphenyl	9.850	9.846	0.004	5541368	4.00000	3.9399

Data File: /chem/GC_C.i/C120607-2.b/C#B-016f1601.d
Date : 06-DEC-2007 18:21
Client ID:
Sample Info: AB L1 GSV137807

Column phase: CLP-PEST I

Instrument: GC_C.i

Operator: MPK
Column diameter: 0.32



Data File: /chem/GC_C.i/C120607-2.b/C#B-017f1701.d Page 1
Report Date: 07-Dec-2007 11:03

STL Denver

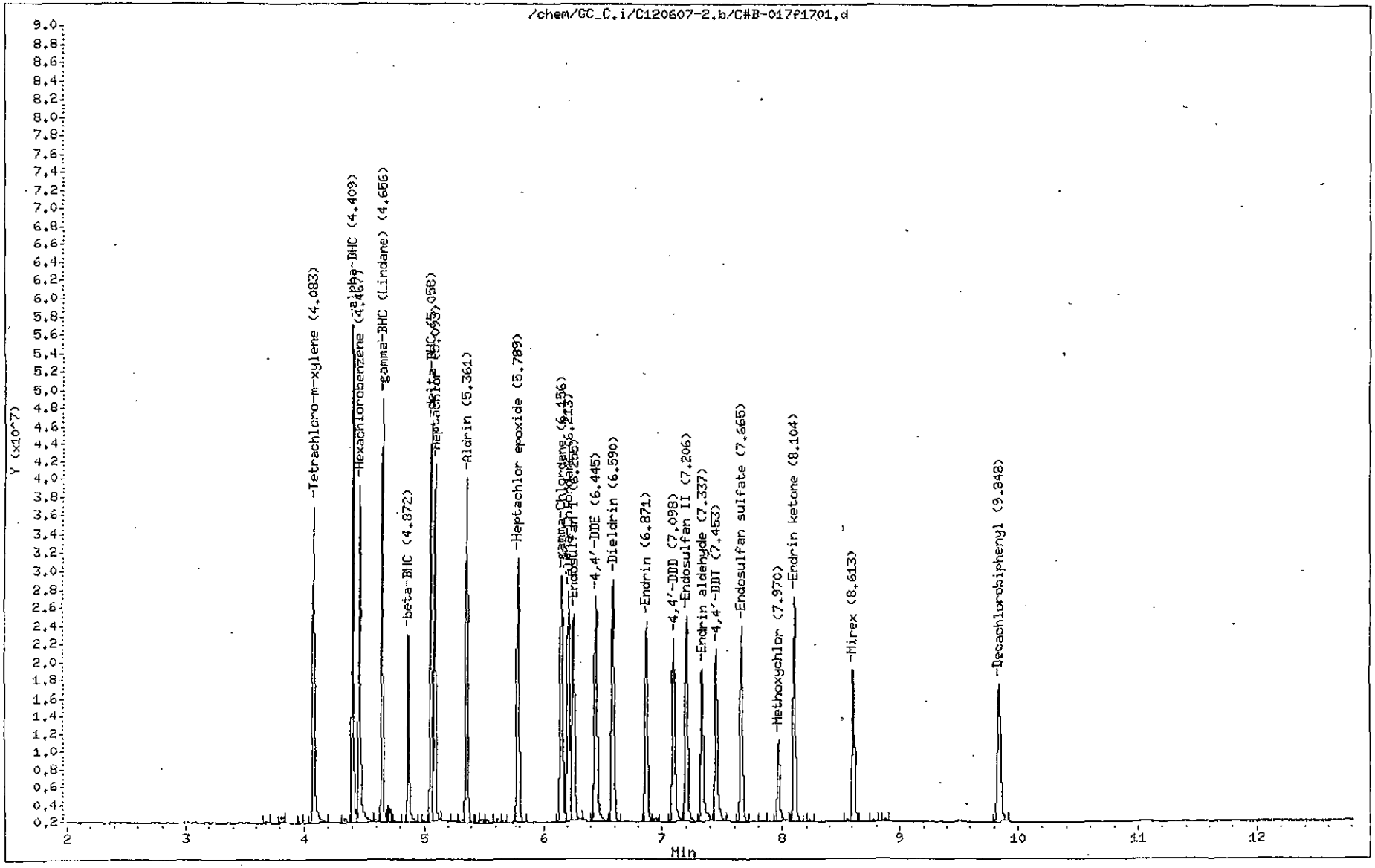
Data file : /chem/GC_C.i/C120607-2.b/C#B-017f1701.d
Lab Smp Id: AB SS GSV138407
Inj Date : 06-DEC-2007 18:37
Operator : MPK Inst ID: GC_C.i
Smp Info : AB SS GSV138407
Misc Info : Column 2-J&W 30m 0.32mm ID 0.5um df DB-XLB
Comment :
Method : /chem/GC_C.i/C120607-2.b/C_8081_2.m
Meth Date : 07-Dec-2007 11:03 kellisom Quant Type: ESTD
Cal Date : 06-DEC-2007 18:21 Cal File: C#B-016f1601.d
Als bottle: 17 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 1-INDAB.sub
Target Version: 3.50
Processing Host: chemsv04

	Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ng/ml)	ON-COL (ng/ml)
$	1 Tetrachloro-m-xylene	4.083	4.082	0.001	37608783	50.0000	26.441
	3 alpha-BHC	4.409	4.410	-0.001	49897304	50.0000	25.452
	4 Hexachlorobenzene	4.467	4.465	0.002	41585991	50.0000	27.088
	5 gamma-BHC (Lindane)	4.656	4.655	0.001	43337904	50.0000	25.058
	6 beta-BHC	4.872	4.871	0.001	19504454	50.0000	25.052
	8 delta-BHC	5.058	5.057	0.001	41922410	50.0000	23.641
	9 Heptachlor	5.093	5.093	0.000	41278908	50.0000	24.563
	12 Aldrin	5.361	5.360	0.001	42052195	50.0000	24.815
	15 Heptachlor epoxide	5.789	5.789	0.000	38852201	50.0000	25.046
	17 gamma-Chlordane	6.156	6.155	0.001	39557021	50.0000	24.442
	18 alpha-Chlordane	6.213	6.213	0.000	38894569	50.0000	24.453
	19 Endosulfan I	6.255	6.253	0.002	35970026	50.0000	24.896
	20 4,4'-DDE	6.445	6.443	0.002	41830709	50.0000	25.018
	22 Dieldrin	6.590	6.589	0.001	40697558	50.0000	24.620
	24 Endrin	6.871	6.870	0.001	32849889	50.0000	23.866
	26 4,4'-DDD	7.098	7.098	0.000	31643125	50.0000	24.442
	27 Endosulfan II	7.206	7.205	0.001	33564974	50.0000	24.002
	29 Endrin aldehyde	7.337	7.335	0.002	27026443	50.0000	24.561
	30 4,4'-DDT	7.453	7.452	0.001	27866654	50.0000	23.649
	31 Endosulfan sulfate	7.665	7.664	0.001	30044256	50.0000	24.840
	32 Methoxychlor	7.970	7.970	0.000	13902368	50.0000	24.452
	33 Endrin ketone	8.104	8.103	0.001	32942598	50.0000	24.298
	34 Mirex	8.613	8.611	0.002	23986057	50.0000	26.511
$	35 Decachlorobiphenyl	9.848	9.846	0.002	29352353	50.0000	25.392

Data File: /chem/GC_C.i/C120607-2.b/C#B-017f1701.d
Date : 06-DEC-2007 18:37
Client ID:
Sample Info: AB SS GSV138407

Instrument: GC_C.i
Operator: MPK
Column diameter: 0.32

Column phase: CLP-PEST I



Data File: /chem/GC_C.i/C120607-2.b/C#B-018f1801.d Page 1
Report Date: 07-Dec-2007 11:04

STL Denver

Data file : /chem/GC_C.i/C120607-2.b/C#B-018f1801.d
Lab Smp Id: TOX L1 GSV098507
Inj Date : 06-DEC-2007 18:54
Operator : MPK Inst ID: GC_C.i
Smp Info : TOX L1 GSV098507
Misc Info : Column 2-J&W 30m 0.32mm ID 0.5um df DB-XLB
Comment :
Method : /chem/GC_C.i/C120607-2.b/C_8081_2.m
Meth Date : 07-Dec-2007 11:04 kellisom Quant Type: ESTD
Cal Date : 06-DEC-2007 19:27 Cal File: C#B-020f2001.d
Als bottle: 18 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 3-TOXAPHENE.sub
Target Version: 3.50 Sample Matrix: None
Processing Host: chemsv04

				AMOUNTS				
					CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng/ml)	(ng/ml)	TARGET RANGE		RATIO
11 Toxaphene						CAS #: 8001-35-2		
5.363	5.363	0.000	994153	200.000	200.00	80.00-	120.00	100.00(M)
6.463	6.463	0.000	3490829	200.000	200.00	280.91-	421.36	351.14
7.509	7.509	0.000	2965267	200.000	200.00	238.62-	357.92	298.27
8.079	8.079	0.000	4312428	200.000	200.00	347.02-	520.53	433.78
8.554	8.554	0.000	1385656	200.000	200.00	111.50-	167.26	139.38
Average of Peak Amounts =					200			

QC Flag Legend

M - Compound response manually integrated.

Data File: /chem/GC_C.i/C120607-2.b/C#B-018f1801.d
Date : 06-DEC-2007 18:54
Client ID:
Sample Info: TOX L1 GSV098507

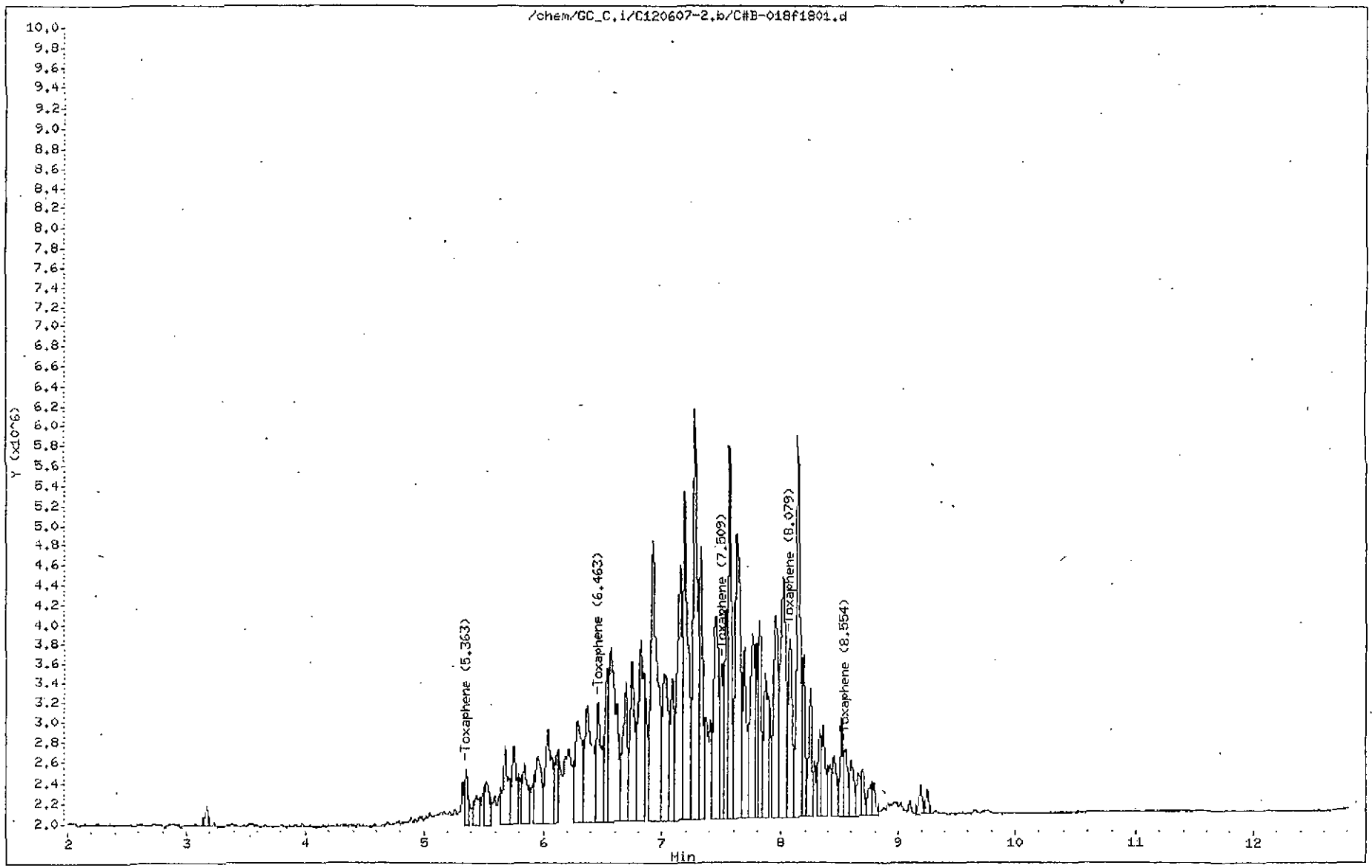
Column phase: CLP-PEST I

Instrument: GC_C.i

Operator: MPK
Column diameter: 0.32

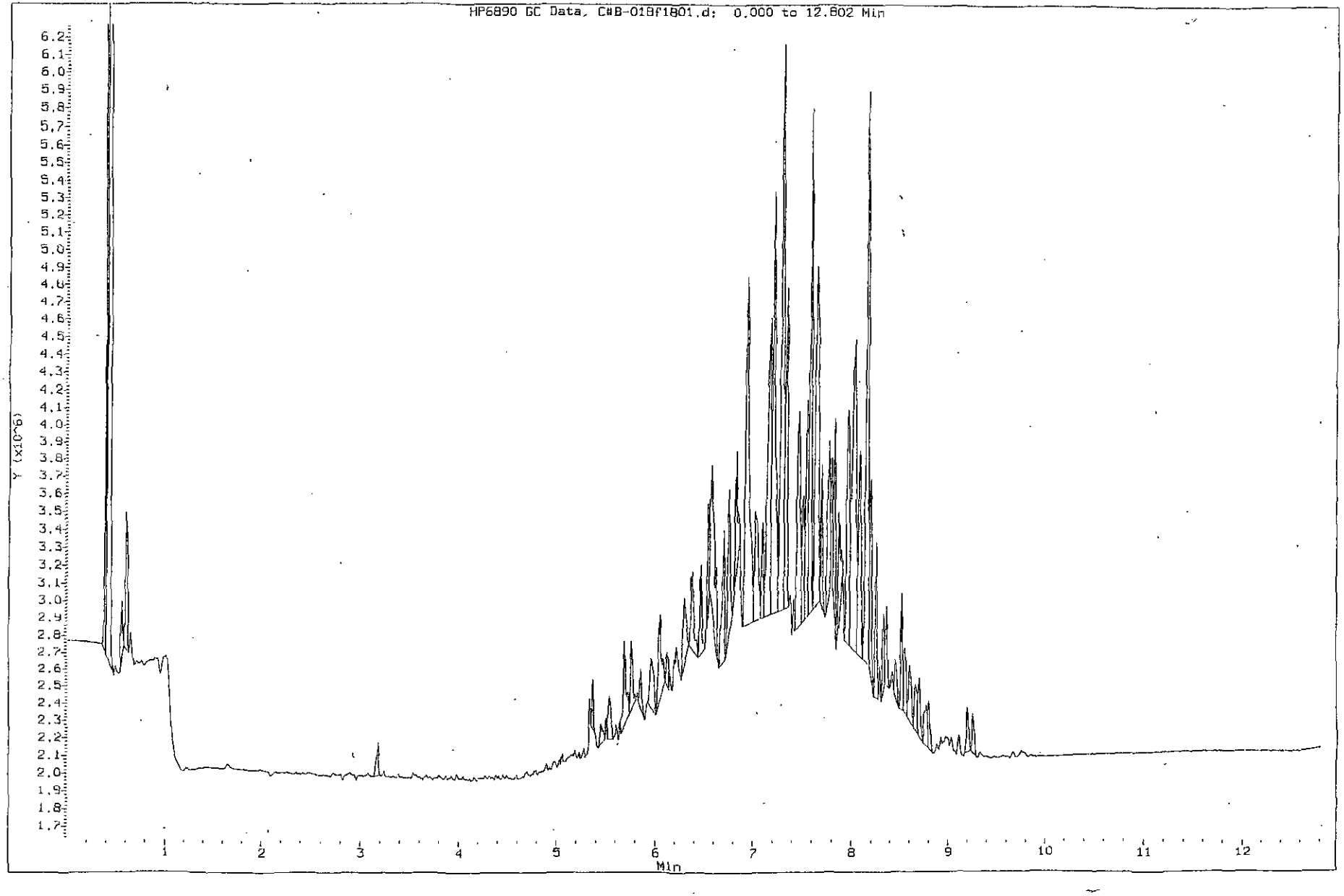
BAS - Baseline Event

12/8/07 MPK Smm 12-13-07



ORIGINAL

Data File; /chem/GC_C.i/C120607-2.b/C#B-018f1801.d
Injection Date; 06-DEC-2007 18:54
Instrument; GC_C.i
Client Sample ID;



Data File: /chem/GC_C.i/C120607-2.b/C#B-019f1901.d Page 1
Report Date: 07-Dec-2007 11:04

STL Denver

Data file : /chem/GC_C.i/C120607-2.b/C#B-019f1901.d
Lab Smp Id: TOX SS GSV023807
Inj Date : 06-DEC-2007 19:10
Operator : MPK Inst ID: GC_C.i
Smp Info : TOX SS GSV023807
Misc Info : Column 2-J&W 30m 0.32mm ID 0.5um df DB-XLB
Comment :
Method : /chem/GC_C.i/C120607-2.b/C_8081_2.m
Meth Date : 07-Dec-2007 11:04 kellisom Quant Type: ESTD
Cal Date : 06-DEC-2007 19:27 Cal File: C#B-020f2001.d
Als bottle: 19 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 3-TOXAPHENE.sub
Target Version: 3.50 Sample Matrix: None
Processing Host: chemsv04

				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ng/ml)	(ng/ml)	TARGET RANGE		RATIO
11 Toxaphene					CAS #: 8001-35-2			
5.361	5.363	-0.002	641663	200.000	129.09	80.00-	120.00	100.00(M)
6.462	6.463	-0.001	1946770	200.000	111.54	242.72-	364.07	303.39
7.502	7.509	-0.007	3715588	200.000	250.61	463.24-	694.87	579.06
8.099	8.079	0.020	6682065	200.000	309.90	833.09-	1249.64	1041.37
8.559	8.554	0.005	1809353	200.000	261.15	225.58-	338.37	281.98
Average of Peak Amounts =					212			

QC Flag Legend

M - Compound response manually integrated.

Data File: /chem/GC_C.i/C120607-2.b/C#B-019f1901.d
Date : 06-DEC-2007 19:10
Client ID:
Sample Info: TOX SS GSV023807

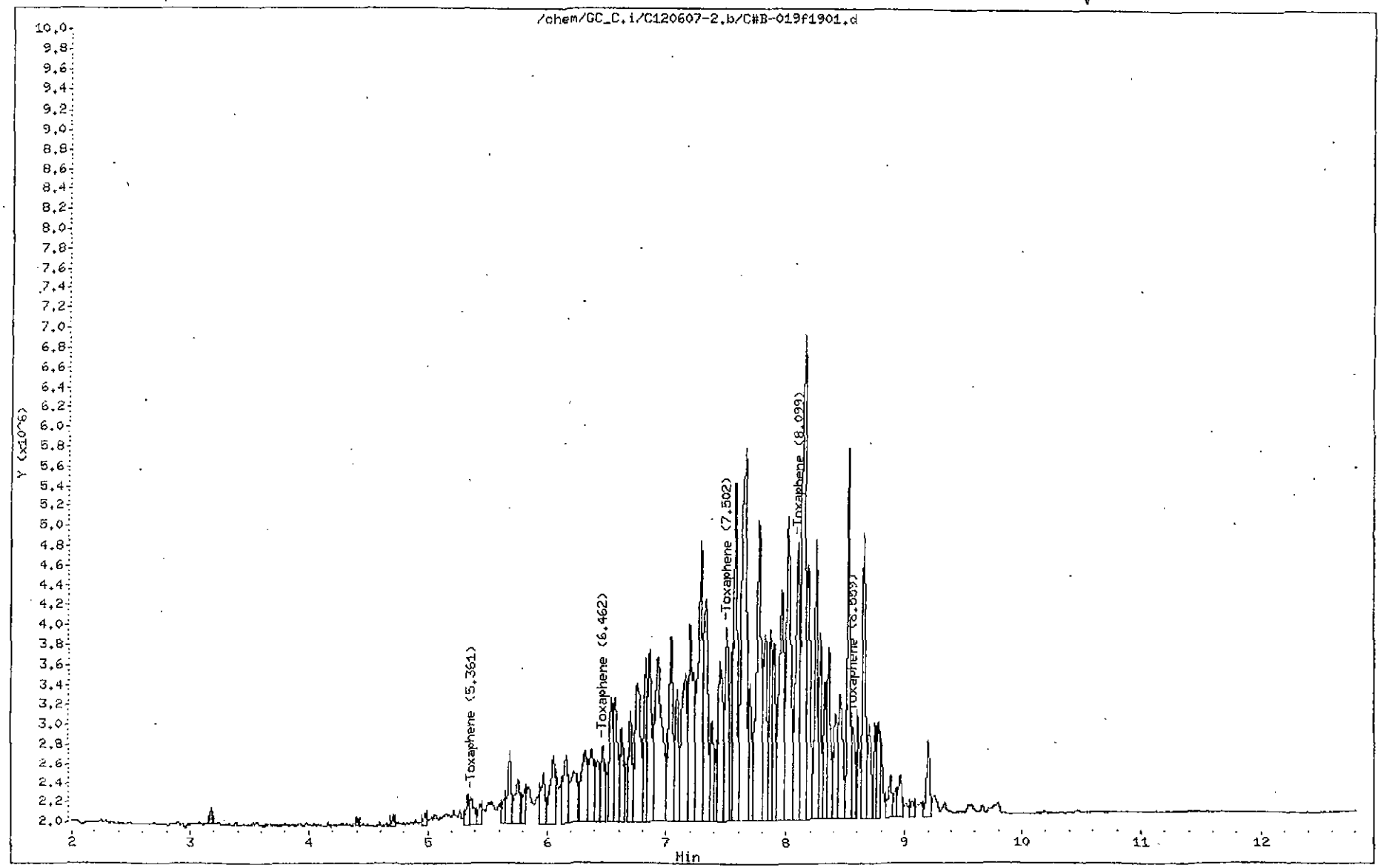
Column phase: CLP-PEST I

Instrument: GC_C.i

Operator: MPK
Column diameter: 0.32

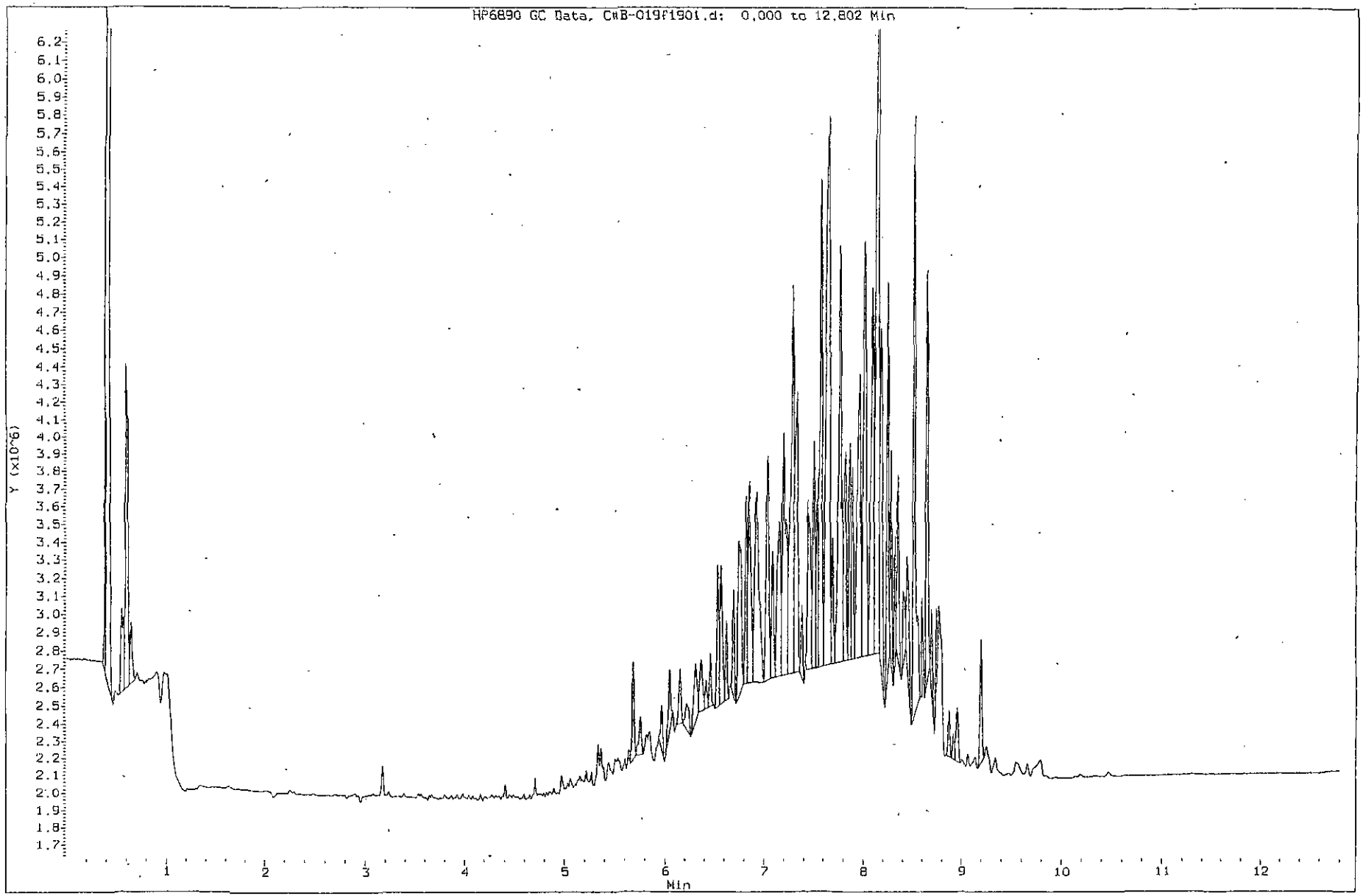
BAS - Baseline Event

12/5/07 MPK Smw 12-13-07



ORIGINAL

Data File: /chem/GC_C.1/C120607-2.b/C#B-019f1901.d
Injection Date: 06-DEC-2007 19:10
Instrument: GC_C.1
Client Sample ID:



Data File: /chem/GC_C.i/C120607-2.b/C#B-020f2001.d Page 1
Report Date: 07-Dec-2007 11:04

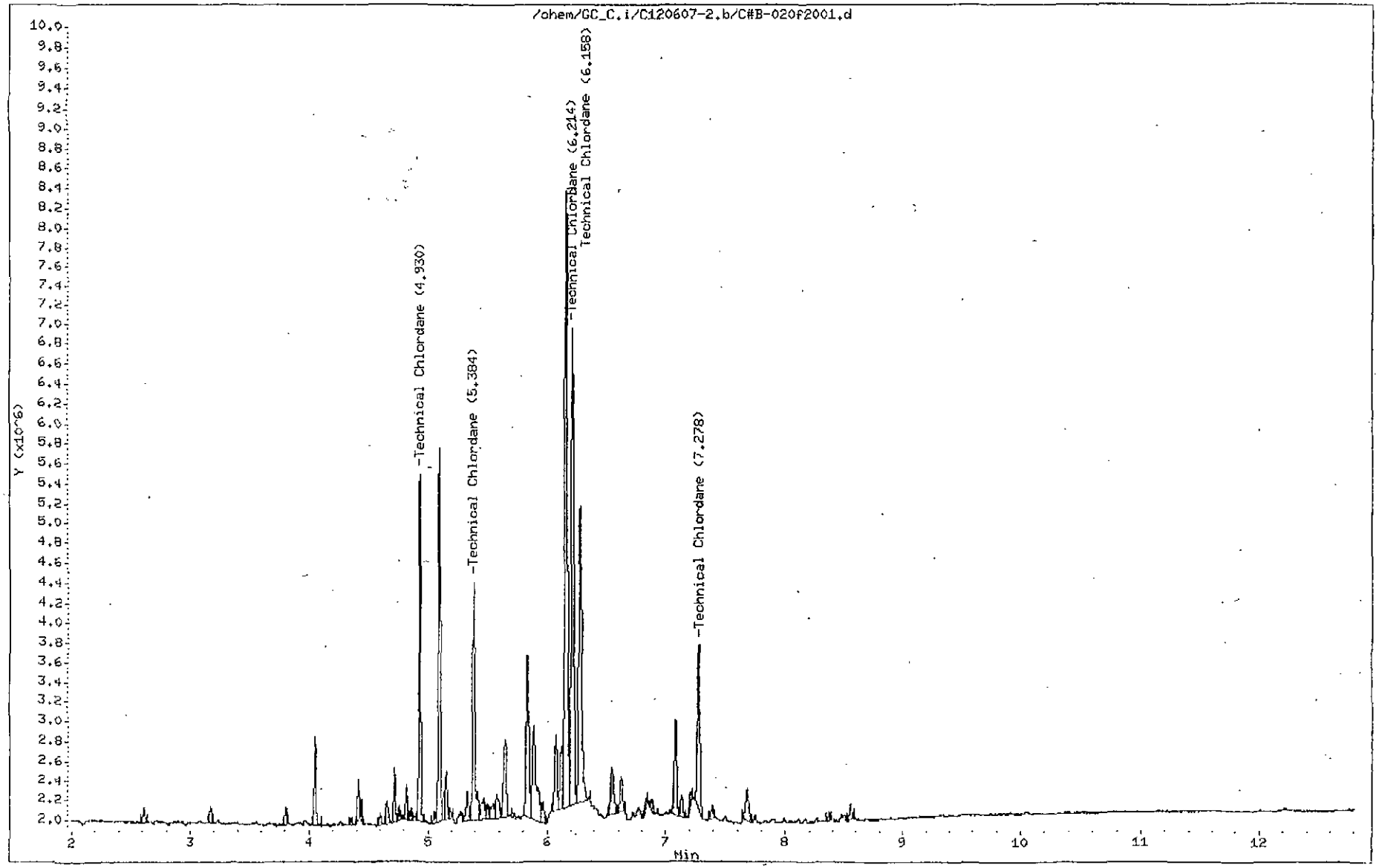
STL Denver

Data file : /chem/GC_C.i/C120607-2.b/C#B-020f2001.d
Lab Smp Id: CHL L1 GSV121207
Inj Date : 06-DEC-2007 19:27
Operator : MPK Inst ID: GC_C.i
Smp Info : CHL L1 GSV121207
Misc Info : Column 2-J&W 30m 0.32mm ID 0.5um df DB-XLB
Comment :
Method : /chem/GC_C.i/C120607-2.b/C_8081_2.m
Meth Date : 07-Dec-2007 11:04 kellisom Quant Type: ESTD
Cal Date : 06-DEC-2007 19:27 Cal File: C#B-020f2001.d
Als bottle: 20 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 4-CHLORDANE.sub
Target Version: 3.50 Sample Matrix: None
Processing Host: chemsv04

				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng/ml)	(ng/ml)	TARGET RANGE	RATIO
7 Technical Chlordane					CAS #: 57-74-9		
4.930	4.930	0.000	3427076	50.0000	50.000	80.00- 120.00	100.00
5.384	5.384	0.000	3178116	50.0000	50.000	74.19- 111.28	92.74
6.158	6.158	0.000	9828639	50.0000	50.000	229.43- 344.15	286.79
6.214	6.214	0.000	7530934	50.0000	50.000	175.80- 263.70	219.75
7.278	7.278	0.000	2399252	50.0000	50.000	56.01- 84.01	70.01
Average of Peak Amounts =					50		

Data File: /chem/GC_C.i/C120607-2.b/C#B-020f2001.d
Date : 06-DEC-2007 19:27
Client ID:
Sample Info: CHL L1 GSV121207

Column phase: CLP-PEST I

Instrument: GC_C.i

Operator: MPK
Column diameter: 0.32