POST-CLOSURE PERMIT
2007 ANNUAL REPORT
HAZARDOUS WASTE MANAGEMENT PERMIT
FORMER CHEVRON RESEARCH CENTER

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1.0 INTRODUCTION

This annual report is submitted in accordance with the requirements of the New York State Department of Environmental Conservation (NYSDEC) 6 NYCRR Part 373 Hazardous Waste Management Permit #3-1330-00048/16-0 (Permit) for the former Chevron Research and Development Center, located in Glenham, New York (See Figure 1). The Permit requires the collection of groundwater samples on a semiannual basis at the Recreation and Tank Farm Areas at the former Research and Development Center. This annual report contains a brief description of the calendar year 2007 groundwater monitoring and sampling events, along with a comparison of analytical results to the Groundwater Protection Concentrations (GPC) contained in the Permit. A brief discussion of groundwater flow within the Recreation Area and vicinity is also presented.

2.0 PROJECT SCOPE

The following monitoring wells located in the Recreation and Tank Farm Areas were sampled during the sampling event:

- DC-1
- DC-2
- TF-5
- TF-23
- DB-8A
- DB-17
- OS-2
- OR-2
- OS-3
- OR-3

The sampling events took place in August and November of 2007. The monitoring well locations are shown on Figure 2.

3.0 GROUNDWATER MONITORING

The groundwater monitoring events, covered by this annual report occurred on August 20th through August 22nd, 2007 and November 27th through November 28th, 2007.

During the sampling events the well condition, groundwater level, well depth, physical appearance, well evacuation information, and sampling parameters were documented on a Groundwater Sampling Record Log (see Appendix A). The sampling information recorded included the time and purge volume measurements. Samples were collected after these field parameters were recorded. Groundwater elevations obtained during the field events are presented in Tables 1 and 2.

In addition to each sample being collected, one (1) trip blank was analyzed per event. The samples were properly containerized and transported to Lancaster Laboratories in Lancaster, Pennsylvania for chemical analysis.

4.0 HYDROGEOLOGY

Prior to purging and sampling activities of the wells referenced above, depth to water was collected at each well location in order to determine ground flow direction and hydraulic gradient within the Recreation Area and surrounding vicinity. Depth to water was measured using an electrical contact probe and measured from the top edge of the permanent PVC casing. These reference points were re-surveyed (Fall 2006) for elevation and x-y coordinates. Vertical elevations were surveyed to an accuracy and precision of 0.01 feet, while horizontal coordinate accuracy was 0.10 feet or better. Coordinates were fixed to a nearby established benchmark. New York State Plane Coordinate System, East Zone (NAD -1983) system was used for the horizontal datum, while the vertical datum used the site vertical datum established by Texaco in 1957. This datum is 1.07 feet below NAVD 1988 Coordinate System. The work was performed by Badey and Watson Surveying and Engineering, P.C. of Cold Spring, New York, a New York State licensed land surveyor.

Groundwater was encountered at depths varying from 2.04 to 25.40 feet below ground surface (bgs) and a groundwater divide was also observed to exist within the Recreation Area. The divide exists between wells DC-1 and DC-2 with groundwater flowing to the north to northwest north of well DC-2 under a general hydraulic gradient of 0.020 feet/foot, while groundwater flow south of well DC-2 is south to southeast under a general hydraulic gradient of 0.018 feet/foot. The groundwater north of the divide flows towards the Fishkill Creek, while groundwater south of the divide flows towards an unnamed creek located east of the Recreation Area. The unnamed creek flows to the northeast, based on topography, and eventually into the Fishkill Creek. The above information is based on two rounds of water level measurement (August 2007 and November 2007). Water level data from both groundwater monitoring sampling events are presented in Tables 1 and 2 and graphically depicted in Figures 3 and 4.

5.0 ANALYSES OF GROUNDWATER SAMPLES

The groundwater samples were analyzed according to EPA Method 8260 for volatile organic compounds (VOCs), EPA Method 8270 for semivolatile organic compounds (SVOCs), and lead by EPA Method 6010B. Duplicate samples (labeled TF-123) were collected from Well TF-23 from both sampling events and indicated acceptable precision according to EPA guidelines and Parsons' internal validation of the sample data from both sampling events. A validation of the groundwater sample results was performed by a Parsons chemist and validation reports were generated. Copies of the validation reports are provided in Appendix B and the summary of analytical results is presented in Tables 3 through 24. A historical analytical summary table is also provided in Appendix C.

Two of the ten groundwater monitoring wells sampled in August and November of 2007 contained constituents that exceeded the respective GPC's. In August 2007, concentrations of trichloroethene and lead were observed in well DC-1 and trichloroethene in well DB-8A exceeded GPC Criteria. In November 2007, the same wells exhibited exceedances as in

August 2007. Well DC-1 for 1,2-dichloroethene and trichloroethene and Well DB-8A for trichloroethene. The results are presented in Tables 3 through 24 and the laboratory reports are included as Appendix D on disk. No other wells were observed as containing constituents that exceeded GPC criteria.

TABLES

Table 1
August 2007 Semiannual Groundwater Elevations
Recreation Area and Tank Farm, Chevron, Glenham, NY

Well ID	Top of Casing Elevation (feet)[1]	August 2007 Sampling Event	
		Field Data	Groundwater Elevation
DC-1	229.30	Dry[2]	Dry[2]
DC-2	229.10	5.50	223.60
TF-5	207.58	7.50	200.08
TF-23	207.20	8.00	199.20
DB-8A	232.60	9.50	223.10
DB-17[3]	231.77	Dry	Dry
OS-2	221.76	6.70	215.06
OR-2	221.92	8.60	213.32
OS-3	233.02	6.50	226.52
OR-3	233.23	24.70	208.53

Note: (1) Top of casing elevations derived from Badey and Watson, Surveying and Engineering, P.C. map dated January 27, 2007.
(2) Well DC-1 dry initially, but produced enough water after precipitation fell. Well sampled, but no depth to water collected.
(3) Due to lower than average precipitation volumes encountered in 2007. Lower water levels were encountered in wells, thus making Well DB-17 dry.

Table 2
November 2007 Semiannual Groundwater Elevations
Recreation Area and Tank Farm, Chevron, Glenham, NY

Well ID	Top of Casing Elevation (feet)[1]	November 2007 Sampling Event	
		Field Data	Groundwater Elevation
DC-1	229.30	4.09	225.21
DC-2	229.10	3.50	225.60
TF-5	207.58	7.59	199.99
TF-23	207.20	7.72	199.48
DB-8A	232.60	8.28	224.32
DB-17[2]	231.77	Dry	Dry
OS-2	221.76	5.68	216.08
OR-2	221.92	8.02	213.90
OS-3	233.02	2.04	230.98
OR-3	233.23	25.30	207.93

Note: (1) Top of casing elevations derived from Badey and Watson, Surveying and Engineering, P.C. map dated January 27, 2007
(2) Due to lower than average precipitation volumes encountered in 2007. Lower water levels were encountered in wells, thus making Well DB-17 dry.

Table 3
August 2007 Semiannual Groundwater Sampling Analytical Results
Recreation Area and Tank Farm, Chevron, Glenham, NY
Well DC-1

Constituent [1] µg/L	GPC	August 2007 Sampling Event Result
Trihalomethanes (total) [2]	100	ND
Benzene	1.0	ND
Bromodichloromethane	50[2] [6]	ND
Bromoform	50[2] [6]	ND
Bromomethane	5	ND
Carbon Tetrachloride	5	ND
Chlorobenzene	5	ND
Chloroethane	5	ND
2-Chloroethylvinyl Ether	5	ND
Chloroform	7[2][6]	ND
Chloromethane	5	ND
Dibromochloromethane	50[2] [6]	ND
1,2-Dichlorobenzene	4.7	ND
1,3-Dichlorobenzene	5	ND
1,4-Dichlorobenzene	4.7	ND
1,1-Dichloroethane	0.4	ND
1,2-Dichloroethane	5	ND
1,1-Dichloroethene	5	ND
1,2-Dichloroethene (total) [3]	5	ND
1,2-Dichloropropane	0.5	ND
cis-1,3-Dichloropropene	0.4[4]	ND
trans-1,3-Dichloropropene	0.4[4]	ND
Ethylbenzene	5	ND
Methylene Chloride	4.7	ND
1,1,2,2-Tetrachloroethane	1.8	ND
Tetrachloroethene	5	ND
Toluene	5	ND
1,1,1-Trichloroethane	5	ND
1,1,2-Trichloroethane	5	ND
Trichloroethene	5	**9.0**
Trichloroflouromethane	5	ND
Vinyl Chloride	2	ND
Xylene (total)	5	ND
Total VOCs [5]	NA	9.0
Total SVOCs[5	NA	0.0
Lead, unfiltered	25	**44.0**

Notes:

(1) VOCs analyzed by EPA Method 8260, SVOCs were analyzes by EPA Method 8270, and lead was analyzed by EPA Method 6010B. The units reported in µg/L.
(2) Total of the trihalomethanes not to exceed 100 micrograms/liter. Total value is sum of bromoform, chloroform, dibromochloromethane, and bromodichloromethane.
(3) 1,2-Dichloroethene is the sum of trans -1,2-dichloroethene and cis-1,2-dichloroethene.
(4) Total of the cis and trans -1,3-dichloropropene not to exceed 0.40 µg/L.
(5) Refer to Appendix C for details.
(6) New York State Ambient Water Quality, June 1998 Criteria.
ND None Detected.
NA No applicable standard or guidance value or not analyzed.
GPC Groundwater Protection Concentration.
Concentrations exceed GPC.

Table 4
August 2007 Semiannual Groundwater Sampling Analytical Results
Recreation Area and Tank Farm, Chevron, Glenham, NY
Well DC-2

Constituent [1] µg/L	GPC	August 2007 Sampling Event Result
Trihalomethanes (total) [2]	100	ND
Benzene	1.0	ND
Bromodichloromethane	50[2] [6]	ND
Bromoform	50[2] [6]	ND
Bromomethane	5	ND
Carbon Tetrachloride	5	ND
Chlorobenzene	5	ND
Chloroethane	5	ND
2-Chloroethylvinyl Ether	5	ND
Chloroform	7[2][6]	ND
Chloromethane	5	ND
Dibromochloromethane	50[2] [6]	ND
1,2-Dichlorobenzene	4.7	ND
1,3-Dichlorobenzene	5	ND
1,4-Dichlorobenzene	4.7	ND
1,1-Dichloroethane	0.4	ND
1,2-Dichloroethane	5	ND
1,1-Dichloroethene	5	ND
1,2-Dichloroethene (total) [3]	5	ND
1,2-Dichloropropane	0.5	ND
cis-1,3-Dichloropropene	0.4[4]	ND
trans-1,3-Dichloropropene	0.4[4]	ND
Ethylbenzene	5	ND
Methylene Chloride	4.7	ND
1,1,2,2-Tetrachloroethane	1.8	ND
Tetrachloroethene	5	ND
Toluene	5	ND
1,1,1-Trichloroethane	5	ND
1,1,2-Trichloroethane	5	ND
Trichloroethene	5	ND
Trichloroflouromethane	5	ND
Vinyl Chloride	2	ND
Xylene (total)	5	ND
Total VOCs [5]	NA	0.0
Total SVOCs[5]	NA	0.0
Lead, unfiltered	25	ND

Notes:

(1) VOCs analyzed by EPA Method 8260, SVOCs were analyzes by EPA Method 8270, and lead was analyzed by EPA Method 6010B. The units reported in µg/L.
(2) Total of the trihalomethanes not to exceed 100 micrograms/liter. Total value is sum of bromoform, chloroform, dibromochloromethane, and bromodichloromethane.
(3) 1,2-Dichloroethene is the sum of trans -1,2-dichloroethene and cis-1,2-dichloroethene.
(4) Total of the cis and trans -1,3-dichloropropene not to exceed 0.40 µg/L.
(5) Refer to Appendix C for details.
(6) New York State Ambient Water Quality, June 1998 Criteria.
ND None Detected.
NA No applicable standard or guidance value or not analyzed.
GPC Groundwater Protection Concentration

Table 5
August 2007 Semiannual Groundwater Sampling Analytical Results
Recreation Area and Tank Farm, Chevron, Glenham, NY
Well TF-5

Constituent [1] µg/L	GPC	August 2007 Sampling Event Result
Trihalomethanes (total) [2]	100	ND
Benzene	1.0	ND
Bromodichloromethane	50[2] [6]	ND
Bromoform	50[2] [6]	ND
Bromomethane	5	ND
Carbon Tetrachloride	5	ND
Chlorobenzene	5	ND
Chloroethane	5	ND
2-Chloroethylvinyl Ether	5	ND
Chloroform	7[2][6]	ND
Chloromethane	5	ND
Dibromochloromethane	50[2] [6]	ND
1,2-Dichlorobenzene	4.7	ND
1,3-Dichlorobenzene	5	ND
1,4-Dichlorobenzene	4.7	ND
1,1-Dichloroethane	0.4	ND
1,2-Dichloroethane	5	ND
1,1-Dichloroethene	5	ND
1,2-Dichloroethene (total) [3]	5	ND
1,2-Dichloropropane	0.5	ND
cis-1,3-Dichloropropene	0.4[4]	ND
trans-1,3-Dichloropropene	0.4[4]	ND
Ethylbenzene	5	ND
Methylene Chloride	4.7	ND
1,1,2,2-Tetrachloroethane	1.8	ND
Tetrachloroethene	5	ND
Toluene	5	ND
1,1,1-Trichloroethane	5	ND
1,1,2-Trichloroethane	5	ND
Trichloroethene	5	ND
Trichloroflouromethane	5	ND
Vinyl Chloride	2	ND
Xylene (total)	5	ND
Total VOCs [5]	NA	0.0
Total SVOCs[5]	NA	0.0
Lead, unfiltered	25	ND

Notes:

(1) VOCs analyzed by EPA Method 8260, SVOCs were analyzes by EPA Method 8270, and lead was analyzed by EPA Method 6010B. The units reported in µg/L.

(2) Total of the trihalomethanes not to exceed 100 micrograms/liter. Total value is sum of bromoform, chloroform, dibromochloromethane, and bromodichloromethane.

(3) 1,2-Dichloroethene is the sum of trans -1,2-dichloroethene and cis-1,2-dichloroethene.

(4) Total of the cis and trans -1,3-dichloropropene not to exceed 0.40 µg/L.

(5) Refer to Appendix C for details.

(6) New York State Ambient Water Quality, June 1998 Criteria.

ND None Detected.

NA No applicable standard or guidance value or not analyzed.

GPC Groundwater Protection Concentration.

Table 6
August 2007 Semiannual Groundwater Sampling Analytical Results
Recreation Area and Tank Farm, Chevron, Glenham, NY
Well TF-23

Constituent [1] µg/L	GPC	August 2007 Sampling Event Result
Trihalomethanes (total) [2]	100	ND
Benzene	1.0	ND
Bromodichloromethane	50[2] [6]	ND
Bromoform	50[2] [6]	ND
Bromomethane	5	ND
Carbon Tetrachloride	5	ND
Chlorobenzene	5	ND
Chloroethane	5	ND
2-Chloroethylvinyl Ether	5	ND
Chloroform	7[2][6]	ND
Chloromethane	5	ND
Dibromochloromethane	50[2] [6]	ND
1,2-Dichlorobenzene	4.7	ND
1,3-Dichlorobenzene	5	ND
1,4-Dichlorobenzene	4.7	ND
1,1-Dichloroethane	0.4	ND
1,2-Dichloroethane	5	ND
1,1-Dichloroethene	5	ND
1,2-Dichloroethene (total) [3]	5	ND
1,2-Dichloropropane	0.5	ND
cis-1,3-Dichloropropene	0.4[4]	ND
trans-1,3-Dichloropropene	0.4[4]	ND
Ethylbenzene	5	ND
Methylene Chloride	4.7	ND
1,1,2,2-Tetrachloroethane	1.8	ND
Tetrachloroethene	5	ND
Toluene	5	ND
1,1,1-Trichloroethane	5	ND
1,1,2-Trichloroethane	5	ND
Trichloroethene	5	ND
Trichloroflouromethane	5	ND
Vinyl Chloride	2	ND
Xylene (total)	5	ND
Total VOCs [5]	NA	0.0
Total SVOCs[5]	NA	0.0
Lead, unfiltered	25	14.7 J

Notes:

(1) VOCs analyzed by EPA Method 8260, SVOCs were analyzes by EPA Method 8270, and lead was analyzed by EPA Method 6010B. The units reported in µg/L.
(2) Total of the trihalomethanes not to exceed 100 micrograms/liter. Total value is sum of bromoform, chloroform, dibromochloromethane, and bromodichloromethane.
(3) 1,2-Dichloroethene is the sum of trans -1,2-dichloroethene and cis-1,2-dichloroethene.
(4) Total of the cis and trans -1,3-dichloropropene not to exceed 0.40 µg/L.
(5) Refer to Appendix C for details.
(6) New York State Ambient Water Quality, June 1998 Criteria.
ND None Detected.
NA No applicable standard or guidance value or not analyzed.
GPC Groundwater Protection Concentration.
J Estimated Value.

Table 7
August 2007 Semiannual Groundwater Sampling Analytical Results
Recreation Area and Tank Farm, Chevron, Glenham, NY
Well TF-23
(Duplicate Sample of Monitoring Well TF-23)

Constituent [1] µg/L	GPC	August 2007 Sampling Event Result
Trihalomethanes (total) [2]	100	ND
Benzene	1.0	ND
Bromodichloromethane	50[2] [6]	ND
Bromoform	50[2] [6]	ND
Bromomethane	5	ND
Carbon Tetrachloride	5	ND
Chlorobenzene	5	ND
Chloroethane	5	ND
2-Chloroethylvinyl Ether	5	ND
Chloroform	7[2][6]	ND
Chloromethane	5	ND
Dibromochloromethane	50[2] [6]	ND
1,2-Dichlorobenzene	4.7	ND
1,3-Dichlorobenzene	5	ND
1,4-Dichlorobenzene	4.7	ND
1,1-Dichloroethane	0.4	ND
1,2-Dichloroethane	5	ND
1,1-Dichloroethene	5	ND
1,2-Dichloroethene (total) [3]	5	ND
1,2-Dichloropropane	0.5	ND
cis-1,3-Dichloropropene	0.4[4]	ND
trans-1,3-Dichloropropene	0.4[4]	ND
Ethylbenzene	5	ND
Methylene Chloride	4.7	ND
1,1,2,2-Tetrachloroethane	1.8	ND
Tetrachloroethene	5	ND
Toluene	5	ND
1,1,1-Trichloroethane	5	ND
1,1,2-Trichloroethane	5	ND
Trichloroethene	5	ND
Trichloroflouromethane	5	ND
Vinyl Chloride	2	ND
Xylene (total)	5	ND
Total VOCs [5]	NA	0.0
Total SVOCs[5]	NA	0.0
Lead, unfiltered	25	17.7

Notes:

(1) VOCs analyzed by EPA Method 8260, SVOCs were analyzes by EPA Method 8270, and lead was analyzed by EPA Method 6010B. The units reported in µg/L.
(2) Total of the trihalomethanes not to exceed 100 micrograms/liter. Total value is sum of bromoform, chloroform, dibromochloromethane, and bromodichloromethane.
(3) 1,2-Dichloroethene is the sum of trans -1,2-dichloroethene and cis-1,2-dichloroethene.
(4) Total of the cis and trans -1,3-dichloropropene not to exceed 0.40 µg/L.
(5) Refer to Appendix C for details.
(6) New York State Ambient Water Quality, June 1998 Criteria.
ND None Detected.
NA No applicable standard or guidance value or not analyzed.
GPC Groundwater Protection Concentration. (Standard Value)

Table 8
August 2007 Semiannual Groundwater Sampling Analytical Results
Recreation Area and Tank Farm, Chevron, Glenham, NY
Well DB-8A

Constituent [1] µg/L	GPC	August 2007 Sampling Event Result
Trihalomethanes (total) [2]	100	ND
Benzene	1.0	ND
Bromodichloromethane	50[2] [6]	ND
Bromoform	50[2] [6]	ND
Bromomethane	5	ND
Carbon Tetrachloride	5	ND
Chlorobenzene	5	ND
Chloroethane	5	ND
2-Chloroethylvinyl Ether	5	ND
Chloroform	7[2][6]	1.0 J
Chloromethane	5	ND
Dibromochloromethane	50[2] [6]	ND
1,2-Dichlorobenzene	4.7	ND
1,3-Dichlorobenzene	5	ND
1,4-Dichlorobenzene	4.7	ND
1,1-Dichloroethane	0.4	ND
1,2-Dichloroethane	5	ND
1,1-Dichloroethene	5	ND
1,2-Dichloroethene (total) [3]	5	ND
1,2-Dichloropropane	0.5	ND
cis-1,3-Dichloropropene	0.4[4]	ND
trans-1,3-Dichloropropene	0.4[4]	ND
Ethylbenzene	5	ND
Methylene Chloride	4.7	ND
1,1,2,2-Tetrachloroethane	1.8	ND
Tetrachloroethene	5	ND
Toluene	5	ND
1,1,1-Trichloroethane	5	ND
1,1,2-Trichloroethane	5	ND
Trichloroethene	5	**13.0**
Trichloroflouromethane	5	NA
Vinyl Chloride	2	ND
Xylene (total)	5	ND
Total VOCs [5]	NA	14.0 J
Total SVOCs[5]	NA	5.0 J
Leads, unfiltered	25	ND

Notes:

(1) VOCs analyzed by EPA Method 8260, SVOCs were analyzes by EPA Method 8270, and lead was analyzed by EPA Method 6010B. The units reported in µg/L.
(2) Total of the trihalomethanes not to exceed 100 micrograms/liter. Total value is sum of bromoform, chloroform, dibromochloromethane, and bromodichloromethane.
(3) 1,2-Dichloroethene is the sum of trans -1,2-dichloroethene and cis-1,2-dichloroethene.
(4) Total of the cis and trans -1,3-dichloropropene not to exceed 0.40 µg/L.
(5) Refer to Appendix C for details.
(6) New York State Ambient Water Quality, June 1998 Criteria.
ND None Detected.
NA No applicable standard or guidance value or not analyzed.
GPC Groundwater Protection Concentration.
Concentrations exceed GPC.
J Estimate Value.

Table 9
August 2007 Semiannual Groundwater Sampling Analytical Results
Recreation Area and Tank Farm, Chevron, Glenham, NY
Well DB-17

Constituent [1] µg/L	GPC	August 2007 Sampling Event Result
Trihalomethanes (total) [2]	100	NA
Benzene	1.0	NA
Bromodichloromethane	50[2] [6]	NA
Bromoform	50[2] [6]	NA
Bromomethane	5	NA
Carbon Tetrachloride	5	NA
Chlorobenzene	5	NA
Chloroethane	5	NA
2-Chloroethylvinyl Ether	5	NA
Chloroform	7[2][6]	NA
Chloromethane	5	NA
Dibromochloromethane	50[2] [6]	NA
1,2-Dichlorobenzene	4.7	NA
1,3-Dichlorobenzene	5	NA
1,4-Dichlorobenzene	4.7	NA
1,1-Dichloroethane	0.4	NA
1,2-Dichloroethane	5	NA
1,1-Dichloroethene	5	NA
1,2-Dichloroethene (total) [3]	5	NA
1,2-Dichloropropane	0.5	NA
cis-1,3-Dichloropropene	0.4[4]	NA
trans-1,3-Dichloropropene	0.4[4]	NA
Ethylbenzene	5	NA
Methylene Chloride	4.7	NA
1,1,2,2-Tetrachloroethane	1.8	NA
Tetrachloroethene	5	NA
Toluene	5	NA
1,1,1-Trichloroethane	5	NA
1,1,2-Trichloroethane	5	NA
Trichloroethene	5	NA
Trichloroflouromethane	5	NA
Vinyl Chloride	2	NA
Xylene (total)	5	NA
Total VOCs [5]	NA	NA
Total SVOCs[5]	NA	NA
Lead, unfiltered	25	NA

Notes:

(1) VOCs analyzed by EPA Method 8260, SVOCs were analyzes by EPA Method 8270, and lead was analyzed by EPA Method 6010B. The units reported in µg/L.
(2) Total of the trihalomethanes not to exceed 100 micrograms/liter. Total value is sum of bromoform, chloroform, dibromochloromethane, and bromodichloromethane.
(3) 1,2-Dichloroethene is the sum of trans -1,2-dichloroethene and cis-1,2-dichloroethene.
(4) Total of the cis and trans -1,3-dichloropropene not to exceed 0.40 µg/L.
(5) Refer to Appendix C for details.
(6) New York State Ambient Water Quality, June 1998 Criteria.
NA Not analyzed. Well dry at the time of sampling event.
GPC Groundwater Protection Concentration.

Table 10
August 2007 Semiannual Groundwater Sampling Analytical Results
Recreation Area and Tank Farm, Chevron, Glenham, NY
Well OS-2

Constituent [1] µg/L	GPC	August 2007 Sampling Event Result
Trihalomethanes (total) [2]	100	ND
Benzene	1.0	ND
Bromodichloromethane	50[2] [6]	ND
Bromoform	50[2] [6]	ND
Bromomethane	5	ND
Carbon Tetrachloride	5	ND
Chlorobenzene	5	ND
Chloroethane	5	ND
2-Chloroethylvinyl Ether	5	ND
Chloroform	7[2][6]	ND
Chloromethane	5	ND
Dibromochloromethane	50[2] [6]	ND
1,2-Dichlorobenzene	4.7	ND
1,3-Dichlorobenzene	5	ND
1,4-Dichlorobenzene	4.7	ND
1,1-Dichloroethane	0.4	ND
1,2-Dichloroethane	5	ND
1,1-Dichloroethene	5	ND
1,2-Dichloroethene (total) [3]	5	ND
1,2-Dichloropropane	0.5	ND
cis-1,3-Dichloropropene	0.4[4]	ND
trans-1,3-Dichloropropene	0.4[4]	ND
Ethylbenzene	5	ND
Methylene Chloride	4.7	ND
1,1,2,2-Tetrachloroethane	1.8	ND
Tetrachloroethene	5	ND
Toluene	5	ND
1,1,1-Trichloroethane	5	ND
1,1,2-Trichloroethane	5	ND
Trichloroethene	5	ND
Trichloroflouromethane	5	ND
Vinyl Chloride	2	ND
Xylene (total)	5	ND
Total VOCs [5]	NA	0.0
Total SVOCs[5]	NA	0.0
Lead, unfiltered	25	ND

Notes:

(1) VOCs analyzed by EPA Method 8260, SVOCs were analyzes by EPA Method 8270, and lead was analyzed by EPA Method 6010B. The units reported in µg/L.
(2) Total of the trihalomethanes not to exceed 100 micrograms/liter. Total value is sum of bromoform, chloroform, dibromochloromethane, and bromodichloromethane.
(3) 1,2-Dichloroethene is the sum of trans -1,2-dichloroethene and cis-1,2-dichloroethene.
(4) Total of the cis and trans -1,3-dichloropropene not to exceed 0.40 µg/L.
(5) Refer to Appendix C for details.
(6) New York State Ambient Water Quality, June 1998 Criteria.
ND None Detected.
NA No applicable standard or guidance value or not analyzed.
GPC Groundwater Protection Concentration.

Table 11
August 2007 Semiannual Groundwater Sampling Analytical Results
Recreation Area and Tank Farm, Chevron, Glenham, NY
Well OR-2

Constituent [1] µg/L	GPC	August 2007 Sampling Event Result
Trihalomethanes (total) [2]	100	ND
Benzene	1.0	ND
Bromodichloromethane	50[2] [6]	ND
Bromoform	50[2] [6]	ND
Bromomethane	5	ND
Carbon Tetrachloride	5	ND
Chlorobenzene	5	ND
Chloroethane	5	ND
2-Chloroethylvinyl Ether	5	ND
Chloroform	7[2][6]	ND
Chloromethane	5	ND
Dibromochloromethane	50[2] [6]	ND
1,2-Dichlorobenzene	4.7	ND
1,3-Dichlorobenzene	5	ND
1,4-Dichlorobenzene	4.7	ND
1,1-Dichloroethane	0.4	ND
1,2-Dichloroethane	5	ND
1,1-Dichloroethene	5	ND
1,2-Dichloroethene (total) [3]	5	ND
1,2-Dichloropropane	0.5	ND
cis-1,3-Dichloropropene	0.4[4]	ND
trans-1,3-Dichloropropene	0.4[4]	ND
Ethylbenzene	5	ND
Methylene Chloride	4.7	ND
1,1,2,2-Tetrachloroethane	1.8	ND
Tetrachloroethene	5	ND
Toluene	5	ND
1,1,1-Trichloroethane	5	ND
1,1,2-Trichloroethane	5	ND
Trichloroethene	5	ND
Trichloroflouromethane	5	ND
Vinyl Chloride	2	ND
Xylene (total)	5	ND
Total VOCs [5]	NA	0.0
Total SVOCs[5]	NA	0.0
Lead, unfiltered	25	ND

Notes:

(1) VOCs analyzed by EPA Method 8260, SVOCs were analyzes by EPA Method 8270, and lead was analyzed by EPA Method 6010B. The units reported in µg/L.
(2) Total of the trihalomethanes not to exceed 100 micrograms/liter. Total value is sum of bromoform, chloroform, dibromochloromethane, and bromodichloromethane.
(3) 1,2-Dichloroethene is the sum of trans -1,2-dichloroethene and cis-1,2-dichloroethene.
(4) Total of the cis and trans -1,3-dichloropropene not to exceed 0.40 µg/L.
(5) Refer to Appendix C for details.
(6) New York State Ambient Water Quality, June 1998 Criteria.
ND None Detected.
NA No applicable standard or guidance value or not analyzed.
GPC Groundwater Protection Concentration.

Table 12
August 2007 Semiannual Groundwater Sampling Analytical Results
Recreation Area and Tank Farm, Chevron, Glenham, NY
Well OS-3

Constituent [1] µg/L	GPC	August 2007 Sampling Event Result
Trihalomethanes (total) [2]	100	ND
Benzene	1.0	ND
Bromodichloromethane	50[2][6]	ND
Bromoform	50[2][6]	ND
Bromomethane	5	ND
Carbon Tetrachloride	5	ND
Chlorobenzene	5	ND
Chloroethane	5	ND
2-Chloroethylvinyl Ether	5	ND
Chloroform	7[2][6]	ND
Chloromethane	5	ND
Dibromochloromethane	50[2][6]	ND
1,2-Dichlorobenzene	4.7	ND
1,3-Dichlorobenzene	5	ND
1,4-Dichlorobenzene	4.7	ND
1,1-Dichloroethane	0.4	ND
1,2-Dichloroethane	5	ND
1,1-Dichloroethene	5	ND
1,2-Dichloroethene (total) [3]	5	ND
1,2-Dichloropropane	0.5	ND
cis-1,3-Dichloropropene	0.4[4]	ND
trans-1,3-Dichloropropene	0.4[4]	ND
Ethylbenzene	5	ND
Methylene Chloride	4.7	ND
1,1,2,2-Tetrachloroethane	1.8	ND
Tetrachloroethene	5	ND
Toluene	5	ND
1,1,1-Trichloroethane	5	ND
1,1,2-Trichloroethane	5	ND
Trichloroethene	5	ND
Trichloroflouromethane	5	ND
Vinyl Chloride	2	ND
Xylene (total)	5	ND
Total VOCs [5]	NA	0.0
Total SVOCs[5]	NA	0.0
Lead, unfiltered	25	ND

Notes:

(1) VOCs analyzed by EPA Method 8260, SVOCs were analyzes by EPA Method 8270, and lead was analyzed by EPA Method 6010B. The units reported in µg/L.
(2) Total of the trihalomethanes not to exceed 100 micrograms/liter. Total value is sum of bromoform, chloroform, dibromochloromethane, and bromodichloromethane.
(3) 1,2-Dichloroethene is the sum of trans -1,2-dichloroethene and cis-1,2-dichloroethene.
(4) Total of the cis and trans -1,3-dichloropropene not to exceed 0.40 µg/L.
(5) Refer to Appendix C for details.
(6) New York State Ambient Water Quality, June 1998 Criteria.
ND None Detected.
NA No applicable standard or guidance value or not analyzed.
GPC Groundwater Protection Concentration.

Table 13
August 2007 Semiannual Groundwater Sampling Analytical Results
Recreation Area and Tank Farm, Chevron, Glenham, NY
Well OR-3

Constituent [1] µg/L	GPC	August 2007 Sampling Event Result
Trihalomethanes (total) [2]	100	ND
Benzene	1.0	ND
Bromodichloromethane	50[2] [6]	ND
Bromoform	50[2] [6]	ND
Bromomethane	5	ND
Carbon Tetrachloride	5	ND
Chlorobenzene	5	ND
Chloroethane	5	ND
2-Chloroethylvinyl Ether	5	ND
Chloroform	7[2][6]	ND
Chloromethane	5	ND
Dibromochloromethane	50[2] [6]	ND
1,2-Dichlorobenzene	4.7	ND
1,3-Dichlorobenzene	5	ND
1,4-Dichlorobenzene	4.7	ND
1,1-Dichloroethane	0.4	ND
1,2-Dichloroethane	5	ND
1,1-Dichloroethene	5	ND
1,2-Dichloroethene (total) [3]	5	ND
1,2-Dichloropropane	0.5	ND
cis-1,3-Dichloropropene	0.4[4]	ND
trans-1,3-Dichloropropene	0.4[4]	ND
Ethylbenzene	5	ND
Methylene Chloride	4.7	ND
1,1,2,2-Tetrachloroethane	1.8	ND
Tetrachloroethene	5	ND
Toluene	5	ND
1,1,1-Trichloroethane	5	ND
1,1,2-Trichloroethane	5	ND
Trichloroethene	5	ND
Trichloroflouromethane	5	ND
Vinyl Chloride	2	ND
Xylene (total)	5	ND
Total VOCs [5]	NA	0.0
Total SVOCs[5]	NA	0.0
Lead, unfiltered	25	ND

Notes:

(1) VOCs analyzed by EPA Method 8260, SVOCs were analyzes by EPA Method 8270, and lead was analyzed by EPA Method 6010B. The units reported in µg/L.
(2) Total of the trihalomethanes not to exceed 100 micrograms/liter. Total value is sum of bromoform, chloroform, dibromochloromethane, and bromodichloromethane.
(3) 1,2-Dichloroethene is the sum of trans -1,2-dichloroethene and cis-1,2-dichloroethene.
(4) Total of the cis and trans -1,3-dichloropropene not to exceed 0.40 µg/L.
(5) Refer to Appendix C for details.
(6) New York State Ambient Water Quality, June 1998 Criteria.
ND None Detected.
NA No applicable standard or guidance value or not analyzed.
GPC Groundwater Protection Concentration.

Table 14
November 2007 Semiannual Groundwater Sampling Analytical Results
Recreation Area and Tank Farm, Chevron, Glenham, NY
Well DC-1

Constituent [1] µg/L	GPC	November 2007 Sampling Event Result
Trihalomethanes (total) [2]	100	ND
Benzene	1.0	ND
Bromodichloromethane	50[2] [6]	ND
Bromoform	50[2] [6]	ND
Bromomethane	5	ND
Carbon Tetrachloride	5	ND
Chlorobenzene	5	ND
Chloroethane	5	ND
2-Chloroethylvinyl Ether	5	ND
Chloroform	7[2][6]	ND
Chloromethane	5	ND
Dibromochloromethane	50[2] [6]	ND
1,2-Dichlorobenzene	4.7	ND
1,3-Dichlorobenzene	5	ND
1,4-Dichlorobenzene	4.7	ND
1,1-Dichloroethane	0.4	ND
1,2-Dichloroethane	5	ND
1,1-Dichloroethene	5	ND
1,2-Dichloroethene (total) [3]	5	**7.0**
1,2-Dichloropropane	0.5	ND
cis-1,3-Dichloropropene	0.4[4]	ND
trans-1,3-Dichloropropene	0.4[4]	ND
Ethylbenzene	5	ND
Methylene Chloride	4.7	ND
1,1,2,2-Tetrachloroethane	1.8	ND
Tetrachloroethene	5	ND
Toluene	5	ND
1,1,1-Trichloroethane	5	ND
1,1,2-Trichloroethane	5	ND
Trichloroethene	5	**11.0**
Trichloroflouromethane	5	NA
Vinyl Chloride	2	ND
Xylene (total)	5	ND
Total VOCs [5]	NA	18.0
Total SVOCs[5]	NA	0.0
Lead, unfiltered	25	15.7

Notes:

(1) VOCs analyzed by EPA Method 8260, SVOCs were analyzes by EPA Method 8270, and lead was analyzed by EPA Method 6010B. The units reported in µg/L.
(2) Total of the trihalomethanes not to exceed 100 micrograms/liter. Total value is sum of bromoform, chloroform, dibromochloromethane, and bromodichloromethane.
(3) 1,2-Dichloroethene is the sum of trans -1,2-dichloroethene and cis-1,2-dichloroethene.
(4) Total of the cis and trans -1,3-dichloropropene not to exceed 0.40 µg/L.
(5) Refer to Appendix C for details.
(6) New York State Ambient Water Quality, June 1998 Criteria.
ND None Detected.
NA No applicable standard or guidance value or not analyzed.
GPC Groundwater Protection Concentration.
Concentrations exceed GPC.

Table 15
November 2007 Semiannual Groundwater Sampling Analytical Results
Recreation Area and Tank Farm, Chevron, Glenham, NY
Well DC-2

Constituent [1] µg/L	GPC	November 2007 Sampling Event Result
Trihalomethanes (total) [2]	100	ND
Benzene	1.0	ND
Bromodichloromethane	50[2] [6]	ND
Bromoform	50[2] [6]	ND
Bromomethane	5	ND
Carbon Tetrachloride	5	ND
Chlorobenzene	5	ND
Chloroethane	5	ND
2-Chloroethylvinyl Ether	5	ND
Chloroform	7[2][6]	ND
Chloromethane	5	ND
Dibromochloromethane	50[2] [6]	ND
1,2-Dichlorobenzene	4.7	ND
1,3-Dichlorobenzene	5	ND
1,4-Dichlorobenzene	4.7	ND
1,1-Dichloroethane	0.4	ND
1,2-Dichloroethane	5	ND
1,1-Dichloroethene	5	ND
1,2-Dichloroethene (total) [3]	5	ND
1,2-Dichloropropane	0.5	ND
cis-1,3-Dichloropropene	0.4[4]	ND
trans-1,3-Dichloropropene	0.4[4]	ND
Ethylbenzene	5	ND
Methylene Chloride	4.7	ND
1,1,2,2-Tetrachloroethane	1.8	ND
Tetrachloroethene	5	ND
Toluene	5	ND
1,1,1-Trichloroethane	5	ND
1,1,2-Trichloroethane	5	ND
Trichloroethene	5	ND
Trichloroflouromethane	5	ND
Vinyl Chloride	2	ND
Xylene (total)	5	ND
Total VOCs [5]	NA	0.0
Total SVOCs[5]	NA	0.0
Lead, unfiltered	25	16.1

Notes:

(1) VOCs analyzed by EPA Method 8260, SVOCs were analyzes by EPA Method 8270, and lead was analyzed by EPA Method 6010B. The units reported in µg/L.
(2) Total of the trihalomethanes not to exceed 100 micrograms/liter. Total value is sum of bromoform, chloroform, dibromochloromethane, and bromodichloromethane.
(3) 1,2-Dichloroethene is the sum of trans -1,2-dichloroethene and cis-1,2-dichloroethene.
(4) Total of the cis and trans -1,3-dichloropropene not to exceed 0.40 µg/L.
(5) Refer to Appendix C for details.
(6) New York State Ambient Water Quality, June 1998 Criteria.
ND None Detected.
NA No applicable standard or guidance value or not analyzed.
GPC Groundwater Protection Concentration.

Table 16
November 2007 Semiannual Groundwater Sampling Analytical Results
Recreation Area and Tank Farm, Chevron, Glenham, NY
Well TF-5

Constituent [1] µg/L	GPC	November 2007 Sampling Event Result
Trihalomethanes (total) [2]	100	ND
Benzene	1.0	ND
Bromodichloromethane	50[2] [6]	ND
Bromoform	50[2] [6]	ND
Bromomethane	5	ND
Carbon Tetrachloride	5	ND
Chlorobenzene	5	ND
Chloroethane	5	ND
2-Chloroethylvinyl Ether	5	ND
Chloroform	7[2][6]	ND
Chloromethane	5	ND
Dibromochloromethane	50[2] [6]	ND
1,2-Dichlorobenzene	4.7	ND
1,3-Dichlorobenzene	5	ND
1,4-Dichlorobenzene	4.7	ND
1,1-Dichloroethane	0.4	ND
1,2-Dichloroethane	5	ND
1,1-Dichloroethene	5	ND
1,2-Dichloroethene (total) [3]	5	ND
1,2-Dichloropropane	0.5	ND
cis-1,3-Dichloropropene	0.4[4]	ND
trans-1,3-Dichloropropene	0.4[4]	ND
Ethylbenzene	5	ND
Methylene Chloride	4.7	ND
1,1,2,2-Tetrachloroethane	1.8	ND
Tetrachloroethene	5	ND
Toluene	5	ND
1,1,1-Trichloroethane	5	ND
1,1,2-Trichloroethane	5	ND
Trichloroethene	5	ND
Trichloroflouromethane	5	ND
Vinyl Chloride	2	ND
Xylene (total)	5	ND
Total VOCs [5]	NA	0.0
Total SVOCs[5]	NA	0.0
Lead, unfiltered	25	7.6 J

Notes:

(1) VOCs analyzed by EPA Method 8260, SVOCs were analyzes by EPA Method 8270, and lead was analyzed by EPA Method 6010B. The units reported in µg/L.
(2) Total of the trihalomethanes not to exceed 100 micrograms/liter. Total value is sum of bromoform, chloroform, dibromochloromethane, and bromodichloromethane.
(3) 1,2-Dichloroethene is the sum of trans -1,2-dichloroethene and cis-1,2-dichloroethene.
(4) Total of the cis and trans -1,3-dichloropropene not to exceed 0.40 µg/L.
(5) Refer to Appendix C for details.
(6) New York State Ambient Water Quality, June 1998 Criteria.
ND None Detected.
NA No applicable standard or guidance value or not analyzed.
GPC Groundwater Protection Concentration.
J Estimated value.

Table 17
November 2007 Semiannual Groundwater Sampling Analytical Results
Recreation Area and Tank Farm, Chevron, Glenham, NY
Well TF-23

Constituent [1] µg/L	GPC	November 2007 Sampling Event Result
Trihalomethanes (total) [2]	100	ND
Benzene	1.0	ND
Bromodichloromethane	50[2] [6]	ND
Bromoform	50[2] [6]	ND
Bromomethane	5	ND
Carbon Tetrachloride	5	ND
Chlorobenzene	5	ND
Chloroethane	5	ND
2-Chloroethylvinyl Ether	5	ND
Chloroform	7[2][6]	ND
Chloromethane	5	ND
Dibromochloromethane	50[2] [6]	ND
1,2-Dichlorobenzene	4.7	ND
1,3-Dichlorobenzene	5	ND
1,4-Dichlorobenzene	4.7	ND
1,1-Dichloroethane	0.4	ND
1,2-Dichloroethane	5	ND
1,1-Dichloroethene	5	ND
1,2-Dichloroethene (total) [3]	5	ND
1,2-Dichloropropane	0.5	ND
cis-1,3-Dichloropropene	0.4[4]	ND
trans-1,3-Dichloropropene	0.4[4]	ND
Ethylbenzene	5	ND
Methylene Chloride	4.7	ND
1,1,2,2-Tetrachloroethane	1.8	ND
Tetrachloroethene	5	ND
Toluene	5	ND
1,1,1-Trichloroethane	5	ND
1,1,2-Trichloroethane	5	ND
Trichloroethene	5	ND
Trichloroflouromethane	5	ND
Vinyl Chloride	2	ND
Xylene (total)	5	ND
Total VOCs [5]	NA	0.0
Total SVOCs[5]	NA	0.0
Leads, unfiltered	25	21.1

Notes:

(1) VOCs analyzed by EPA Method 8260, SVOCs were analyzes by EPA Method 8270, and lead was analyzed by EPA Method 6010B. The units reported in µg/L.
(2) Total of the trihalomethanes not to exceed 100 micrograms/liter. Total value is sum of bromoform, chloroform, dibromochloromethane, and bromodichloromethane.
(3) 1,2-Dichloroethene is the sum of trans -1,2-dichloroethene and cis-1,2-dichloroethene.
(4) Total of the cis and trans -1,3-dichloropropene not to exceed 0.40 µg/L.
(5) Refer to Appendix C for details.
(6) New York State Ambient Water Quality, June 1998 Criteria.
ND None Detected.
NA No applicable standard or guidance value or not analyzed.
GPC Groundwater Protection Concentration.

Table 18
November 2007 Semiannual Groundwater Sampling Analytical Results
Recreation Area and Tank Farm, Chevron, Glenham, NY
Well TF-123
(Duplicate Sample of Monitoring Well TF-23)

Constituent [1] µg/L	GPC	November 2007 Sampling Event Result
Trihalomethanes (total) [2]	100	ND
Benzene	1.0	ND
Bromodichloromethane	50[2] [6]	ND
Bromoform	50[2] [6]	ND
Bromomethane	5	ND
Carbon Tetrachloride	5	ND
Chlorobenzene	5	ND
Chloroethane	5	ND
2-Chloroethylvinyl Ether	5	ND
Chloroform	7[2][6]	ND
Chloromethane	5	ND
Dibromochloromethane	50[2] [6]	ND
1,2-Dichlorobenzene	4.7	ND
1,3-Dichlorobenzene	5	ND
1,4-Dichlorobenzene	4.7	ND
1,1-Dichloroethane	0.4	ND
1,2-Dichloroethane	5	ND
1,1-Dichloroethene	5	ND
1,2-Dichloroethene (total) [3]	5	ND
1,2-Dichloropropane	0.5	ND
cis-1,3-Dichloropropene	0.4[4]	ND
trans-1,3-Dichloropropene	0.4[4]	ND
Ethylbenzene	5	ND
Methylene Chloride	4.7	ND
1,1,2,2-Tetrachloroethane	1.8	ND
Tetrachloroethene	5	ND
Toluene	5	ND
1,1,1-Trichloroethane	5	ND
1,1,2-Trichloroethane	5	ND
Trichloroethene	5	ND
Trichloroflouromethane	5	ND
Vinyl Chloride	2	ND
Xylene (total)	5	ND
Total VOCs [5]	NA	0.0
Total SVOCs[5]	NA	0.0
Lead, unfiltered	25	25.0

Notes:
(1) VOCs analyzed by EPA Method 8260, SVOCs were analyzes by EPA Method 8270, and lead was analyzed by EPA Method 6010B. The units reported in µg/L.
(2) Total of the trihalomethanes not to exceed 100 micrograms/liter. Total value is sum of bromoform, chloroform, dibromochloromethane, and bromodichloromethane.
(3) 1,2-Dichloroethene is the sum of trans -1,2-dichloroethene and cis-1,2-dichloroethene.
(4) Total of the cis and trans -1,3-dichloropropene not to exceed 0.40 µg/L.
(5) Refer to Appendix C for details.
(6) New York State Ambient Water Quality, June 1998 Criteria.
ND None Detected.
NA No applicable standard or guidance value or not analyzed.
GPC Groundwater Protection Concentration. (Standard Value)

Table 19
November 2007 Semiannual Groundwater Sampling Analytical Results
Recreation Area and Tank Farm, Chevron, Glenham, NY
Well DB-8A

Constituent [1] µg/L	GPC	November 2007 Sampling Event Result
Trihalomethanes (total) [2]	100	ND
Benzene	1.0	ND
Bromodichloromethane	50[2] [6]	ND
Bromoform	50[2] [6]	ND
Bromomethane	5	ND
Carbon Tetrachloride	5	ND
Chlorobenzene	5	ND
Chloroethane	5	ND
2-Chloroethylvinyl Ether	5	ND
Chloroform	7[2][6]	2.0 J
Chloromethane	5	ND
Dibromochloromethane	50[2] [6]	ND
1,2-Dichlorobenzene	4.7	ND
1,3-Dichlorobenzene	5	ND
1,4-Dichlorobenzene	4.7	ND
1,1-Dichloroethane	0.4	ND
1,2-Dichloroethane	5	ND
1,1-Dichloroethene	5	ND
1,2-Dichloroethene (total) [3]	5	ND
1,2-Dichloropropane	0.5	ND
cis-1,3-Dichloropropene	0.4[4]	ND
trans-1,3-Dichloropropene	0.4[4]	ND
Ethylbenzene	5	ND
Methylene Chloride	4.7	ND
1,1,2,2-Tetrachloroethane	1.8	ND
Tetrachloroethene	5	ND
Toluene	5	ND
1,1,1-Trichloroethane	5	ND
1,1,2-Trichloroethane	5	ND
Trichloroethene	5	**6.0**
Trichloroflouromethane	5	ND
Vinyl Chloride	2	ND
Xylene (total)	5	ND
Total VOCs [5]	NA	8.0 J
Total SVOCs[5]	NA	4.0 J
Lead, unfiltered	25	9.50

Notes:

(1) VOCs analyzed by EPA Method 8260, SVOCs were analyzes by EPA Method 8270, and lead was analyzed by EPA Method 6010B. The units reported in µg/L.
(2) Total of the trihalomethanes not to exceed 100 micrograms/liter. Total value is sum of bromoform, chloroform, dibromochloromethane, and bromodichloromethane.
(3) 1,2-Dichloroethene is the sum of trans -1,2-dichloroethene and cis-1,2-dichloroethene.
(4) Total of the cis and trans -1,3-dichloropropene not to exceed 0.40 µg/L.
(5) Refer to Appendix C for details.
(6) New York State Ambient Water Quality, June 1998 Criteria.
ND None Detected.
NA No applicable standard or guidance value or not analyzed.
GPC Groundwater Protection Concentration.
Concentrations exceed GPC.
J Estimated value.

Table 20
November 2007 Semiannual Groundwater Sampling Analytical Results
Recreation Area and Tank Farm, Chevron, Glenham, NY
Well DB-17

Constituent [1] µg/L	GPC	November 2007 Sampling Event Result
Trihalomethanes (total) [2]	100	NA
Benzene	1.0	NA
Bromodichloromethane	50[2][6]	NA
Bromoform	50[2][6]	NA
Bromomethane	5	NA
Carbon Tetrachloride	5	NA
Chlorobenzene	5	NA
Chloroethane	5	NA
2-Chloroethylvinyl Ether	5	NA
Chloroform	7[2][6]	NA
Chloromethane	5	NA
Dibromochloromethane	50[2][6]	NA
1,2-Dichlorobenzene	4.7	NA
1,3-Dichlorobenzene	5	NA
1,4-Dichlorobenzene	4.7	NA
1,1-Dichloroethane	0.4	NA
1,2-Dichloroethane	5	NA
1,1-Dichloroethene	5	NA
1,2-Dichloroethene (total) [3]	5	NA
1,2-Dichloropropane	0.5	NA
cis-1,3-Dichloropropene	0.4[4]	NA
trans-1,3-Dichloropropene	0.4[4]	NA
Ethylbenzene	5	NA
Methylene Chloride	4.7	NA
1,1,2,2-Tetrachloroethane	1.8	NA
Tetrachloroethene	5	NA
Toluene	5	NA
1,1,1-Trichloroethane	5	NA
1,1,2-Trichloroethane	5	NA
Trichloroethene	5	NA
Trichloroflouromethane	5	NA
Vinyl Chloride	2	NA
Xylene (total)	5	NA
Total VOCs [5]	NA	NA
Total SVOCs[5]	NA	NA
Lead, unfiltered	25	NA

Notes:

(1) VOCs analyzed by EPA Method 8260, SVOCs were analyzes by EPA Method 8270, and lead was analyzed by EPA Method 6010B. The units reported in µg/L.
(2) Total of the trihalomethanes not to exceed 100 micrograms/liter. Total value is sum of bromoform, chloroform, dibromochloromethane, and bromodichloromethane.
(3) 1,2-Dichloroethene is the sum of trans -1,2-dichloroethene and cis-1,2-dichloroethene.
(4) Total of the cis and trans -1,3-dichloropropene not to exceed 0.40 µg/L.
(5) Refer to Appendix C for details.
(6) New York State Ambient Water Quality, June 1998 Criteria.
ND None Detected.
NA Not analyzed. Well dry at the time of sampling event.
GPC Groundwater Protection Concentration.

Table 21
November 2007 Semiannual Groundwater Sampling Analytical Results
Recreation Area and Tank Farm, Chevron, Glenham, NY
Well OS-2

Constituent [1] µg/L	GPC	November 2007 Sampling Event Result
Trihalomethanes (total) [2]	100	ND
Benzene	1.0	ND
Bromodichloromethane	50[2] [6]	ND
Bromoform	50[2] [6]	ND
Bromomethane	5	ND
Carbon Tetrachloride	5	ND
Chlorobenzene	5	ND
Chloroethane	5	ND
2-Chloroethylvinyl Ether	5	ND
Chloroform	7[2][6]	ND
Chloromethane	5	ND
Dibromochloromethane	50[2] [6]	ND
1,2-Dichlorobenzene	4.7	ND
1,3-Dichlorobenzene	5	ND
1,4-Dichlorobenzene	4.7	ND
1,1-Dichloroethane	0.4	ND
1,2-Dichloroethane	5	ND
1,1-Dichloroethene	5	ND
1,2-Dichloroethene (total) [3]	5	ND
1,2-Dichloropropane	0.5	ND
cis-1,3-Dichloropropene	0.4[4]	ND
trans-1,3-Dichloropropene	0.4[4]	ND
Ethylbenzene	5	ND
Methylene Chloride	4.7	ND
1,1,2,2-Tetrachloroethane	1.8	ND
Tetrachloroethene	5	ND
Toluene	5	ND
1,1,1-Trichloroethane	5	ND
1,1,2-Trichloroethane	5	ND
Trichloroethene	5	ND
Trichloroflouromethane	5	ND
Vinyl Chloride	2	ND
Xylene (total)	5	ND
Total VOCs [5]	NA	0.0
Total SVOCs[5]	NA	0.0
Lead, unfiltered	25	ND

Notes:

(1) VOCs analyzed by EPA Method 8260, SVOCs were analyzes by EPA Method 8270, and lead was analyzed by EPA Method 6010B. The units reported in µg/L.
(2) Total of the trihalomethanes not to exceed 100 micrograms/liter. Total value is sum of bromoform, chloroform, dibromochloromethane, and bromodichloromethane.
(3) 1,2-Dichloroethene is the sum of trans -1,2-dichloroethene and cis-1,2-dichloroethene.
(4) Total of the cis and trans -1,3-dichloropropene not to exceed 0.40 µg/L.
(5) Refer to Appendix C for details.
(6) New York State Ambient Water Quality, June 1998 Criteria.
ND None Detected.
NA No applicable standard or guidance value or not analyzed.
GPC Groundwater Protection Concentration.

Table 22
November 2007 Semiannual Groundwater Sampling Analytical Results
Recreation Area and Tank Farm, Chevron, Glenham, NY
Well OR-2

Constituent [1] µg/L	GPC	November 2007 Sampling Event Result
Trihalomethanes (total) [2]	100	ND
Benzene	1.0	ND
Bromodichloromethane	50[2] [6]	ND
Bromoform	50[2] [6]	ND
Bromomethane	5	ND
Carbon Tetrachloride	5	ND
Chlorobenzene	5	ND
Chloroethane	5	ND
2-Chloroethylvinyl Ether	5	ND
Chloroform	7[2][6]	ND
Chloromethane	5	ND
Dibromochloromethane	50[2] [6]	ND
1,2-Dichlorobenzene	4.7	ND
1,3-Dichlorobenzene	5	ND
1,4-Dichlorobenzene	4.7	ND
1,1-Dichloroethane	0.4	ND
1,2-Dichloroethane	5	ND
1,1-Dichloroethene	5	ND
1,2-Dichloroethene (total) [3]	5	ND
1,2-Dichloropropane	0.5	ND
cis-1,3-Dichloropropene	0.4[4]	ND
trans-1,3-Dichloropropene	0.4[4]	ND
Ethylbenzene	5	ND
Methylene Chloride	4.7	ND
1,1,2,2-Tetrachloroethane	1.8	ND
Tetrachloroethene	5	ND
Toluene	5	ND
1,1,1-Trichloroethane	5	ND
1,1,2-Trichloroethane	5	ND
Trichloroethene	5	ND
Trichloroflouromethane	5	ND
Vinyl Chloride	2	ND
Xylene (total)	5	ND
Total VOCs [5]	NA	0.0
Total SVOCs[5]	NA	0.0
Lead, unfiltered	25	ND

Notes:

(1) VOCs analyzed by EPA Method 8260, SVOCs were analyzes by EPA Method 8270, and lead was analyzed by EPA Method 6010B. The units reported in µg/L.
(2) Total of the trihalomethanes not to exceed 100 micrograms/liter. Total value is sum of bromoform, chloroform, dibromochloromethane, and bromodichloromethane.
(3) 1,2-Dichloroethene is the sum of trans -1,2-dichloroethene and cis-1,2-dichloroethene.
(4) Total of the cis and trans -1,3-dichloropropene not to exceed 0.40 µg/L.
(5) Refer to Appendix C for details.
(6) New York State Ambient Water Quality, June 1998 Criteria.
ND None Detected.
NA No applicable standard or guidance value or not analyzed.
GPC Groundwater Protection Concentration.

Table 23
November 2007 Semiannual Groundwater Sampling Analytical Results
Recreation Area and Tank Farm, Chevron, Glenham, NY
Well OS-3

Constituent [1] µg/L	GPC	November 2007 Sampling Event Result
Trihalomethanes (total) [2]	100	ND
Benzene	1.0	ND
Bromodichloromethane	50[2] [6]	ND
Bromoform	50[2] [6]	ND
Bromomethane	5	ND
Carbon Tetrachloride	5	ND
Chlorobenzene	5	ND
Chloroethane	5	ND
2-Chloroethylvinyl Ether	5	ND
Chloroform	7[2][6]	ND
Chloromethane	5	ND
Dibromochloromethane	50[2] [6]	ND
1,2-Dichlorobenzene	4.7	ND
1,3-Dichlorobenzene	5	ND
1,4-Dichlorobenzene	4.7	ND
1,1-Dichloroethane	0.4	ND
1,2-Dichloroethane	5	ND
1,1-Dichloroethene	5	ND
1,2-Dichloroethene (total) [3]	5	ND
1,2-Dichloropropane	0.5	ND
cis-1,3-Dichloropropene	0.4[4]	ND
trans-1,3-Dichloropropene	0.4[4]	ND
Ethylbenzene	5	ND
Methylene Chloride	4.7	ND
1,1,2,2-Tetrachloroethane	1.8	ND
Tetrachloroethene	5	ND
Toluene	5	ND
1,1,1-Trichloroethane	5	ND
1,1,2-Trichloroethane	5	ND
Trichloroethene	5	ND
Trichloroflouromethane	5	ND
Vinyl Chloride	2	ND
Xylene (total)	5	ND
Total VOCs [5]	NA	0.0
Total SVOCs[5]	NA	0.0
Lead, unfiltered	25	ND

Notes:

(1) VOCs analyzed by EPA Method 8260, SVOCs were analyzes by EPA Method 8270, and lead was analyzed by EPA Method 6010B. The units reported in µg/L.
(2) Total of the trihalomethanes not to exceed 100 micrograms/liter. Total value is sum of bromoform, chloroform, dibromochloromethane, and bromodichloromethane.
(3) 1,2-Dichloroethene is the sum of trans -1,2-dichloroethene and cis-1,2-dichloroethene.
(4) Total of the cis and trans -1,3-dichloropropene not to exceed 0.40 µg/L.
(5) Refer to Appendix C for details.
(6) New York State Ambient Water Quality, June 1998 Criteria.
ND None Detected.
NA No applicable standard or guidance value or not analyzed.
GPC Groundwater Protection Concentration.

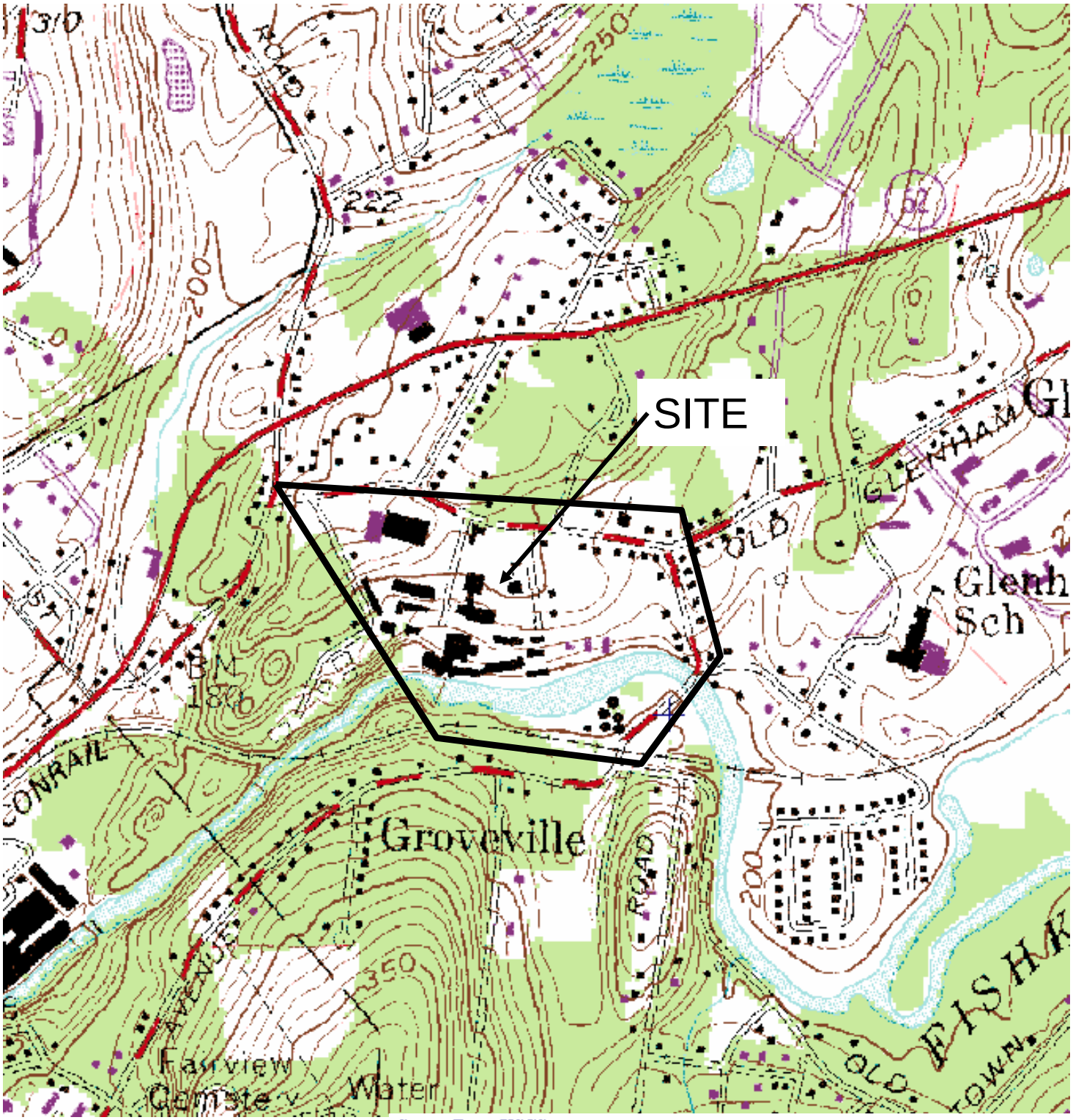
Table 24
November 2007 Semiannual Groundwater Sampling Analytical Results
Recreation Area and Tank Farm, Chevron, Glenham, NY
Well OR-3

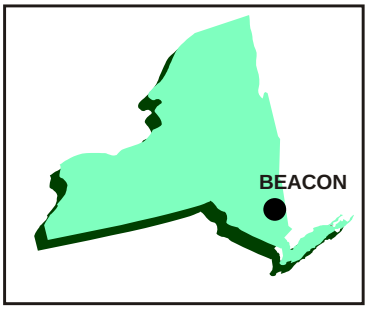
Constituent [1] µg/L	GPC	November 2007 Sampling Event Result
Trihalomethanes (total) [2]	100	ND
Benzene	1.0	ND
Bromodichloromethane	50[2] [6]	ND
Bromoform	50[2] [6]	ND
Bromomethane	5	ND
Carbon Tetrachloride	5	ND
Chlorobenzene	5	ND
Chloroethane	5	ND
2-Chloroethylvinyl Ether	5	ND
Chloroform	7[2][6]	ND
Chloromethane	5	ND
Dibromochloromethane	50[2] [6]	ND
1,2-Dichlorobenzene	4.7	ND
1,3-Dichlorobenzene	5	ND
1,4-Dichlorobenzene	4.7	ND
1,1-Dichloroethane	0.4	ND
1,2-Dichloroethane	5	ND
1,1-Dichloroethene	5	ND
1,2-Dichloroethene (total) [3]	5	ND
1,2-Dichloropropane	0.5	ND
cis-1,3-Dichloropropene	0.4[4]	ND
trans-1,3-Dichloropropene	0.4[4]	ND
Ethylbenzene	5	ND
Methylene Chloride	4.7	ND
1,1,2,2-Tetrachloroethane	1.8	ND
Tetrachloroethene	5	ND
Toluene	5	ND
1,1,1-Trichloroethane	5	ND
1,1,2-Trichloroethane	5	ND
Trichloroethene	5	ND
Trichloroflouromethane	5	ND
Vinyl Chloride	2	ND
Xylene (total)	5	ND
Total VOCs [5]	NA	0.0
Total SVOCs[5]	NA	0.0
Lead, unfiltered	25	ND

Notes:

(1) VOCs analyzed by EPA Method 8260, SVOCs were analyzes by EPA Method 8270, and lead was analyzed by EPA Method 6010B. The units reported in µg/L.
(2) Total of the trihalomethanes not to exceed 100 micrograms/liter. Total value is sum of bromoform, chloroform, dibromochloromethane, and bromodichloromethane.
(3) 1,2-Dichloroethene is the sum of trans -1,2-dichloroethene and cis-1,2-dichloroethene.
(4) Total of the cis and trans -1,3-dichloropropene not to exceed 0.40 µg/L.
(5) Refer to Appendix C for details.
(6) New York State Ambient Water Quality, June 1998 Criteria.
ND None Detected.
NA No applicable standard or guidance value or not analyzed.
GPC Groundwater Protection Concentration.

FIGURES





New York
Quadrangle

LATITUDE: N41° 31' 06"
LONGITUDE: W73° 56' 13"

N

SOURCE: DeLORME 3-D
TOPOQUAD PROGRAM

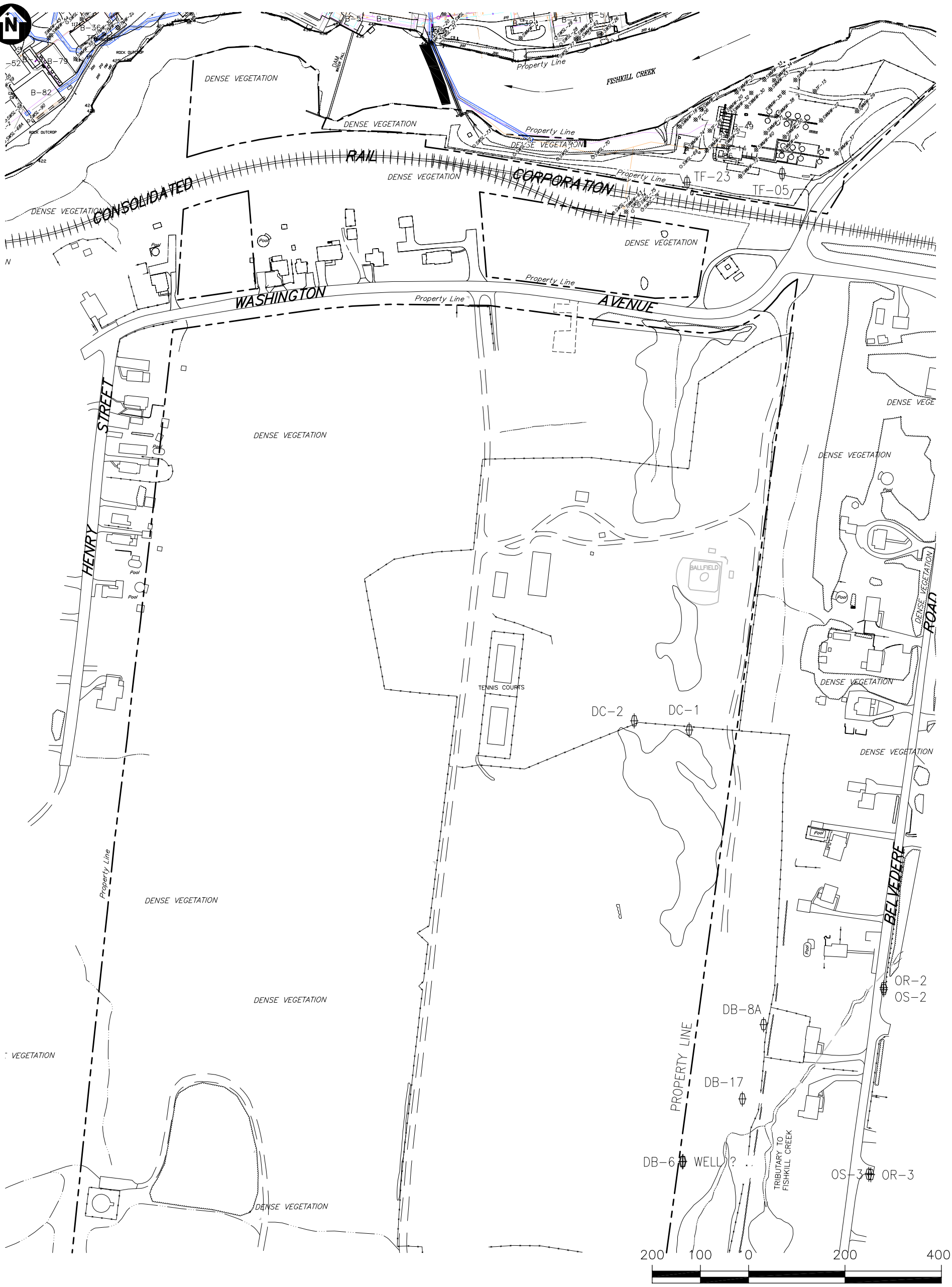
FIGURE 1

Chevron

SITE LOCATION MAP

Chevron Beacon, New York

PARSONS
290 ELWOOD DAVIS ROAD, SUITE 312, LIVERPOOL, NY 13088 PHONE: (315) 451-9560



LEGEND:

⊕ DC-2 MONITORING WELL LOCATION

SOURCE: BADEY & WATSON, SURVEYING & ENGINEERING, P.C.

THE MERIDIAN AND COORDINATE VALUES HEREON REFER TO THE NEW YORK STATE COORDINATE SYSTEM, EAST ZONE (NAD-1983) EXPRESSED IN FEET.

WELL AND BORING ELEVATIONS ARE REFERENCED TO A SITE VERTICAL DATUM ESTABLISHED BY TEXACO IN 1957, HEREINAFTER REFERRED TO AS THE TEXACO DATUM. THIS DATUM IS 1.07' BELOW NAVD 1988.

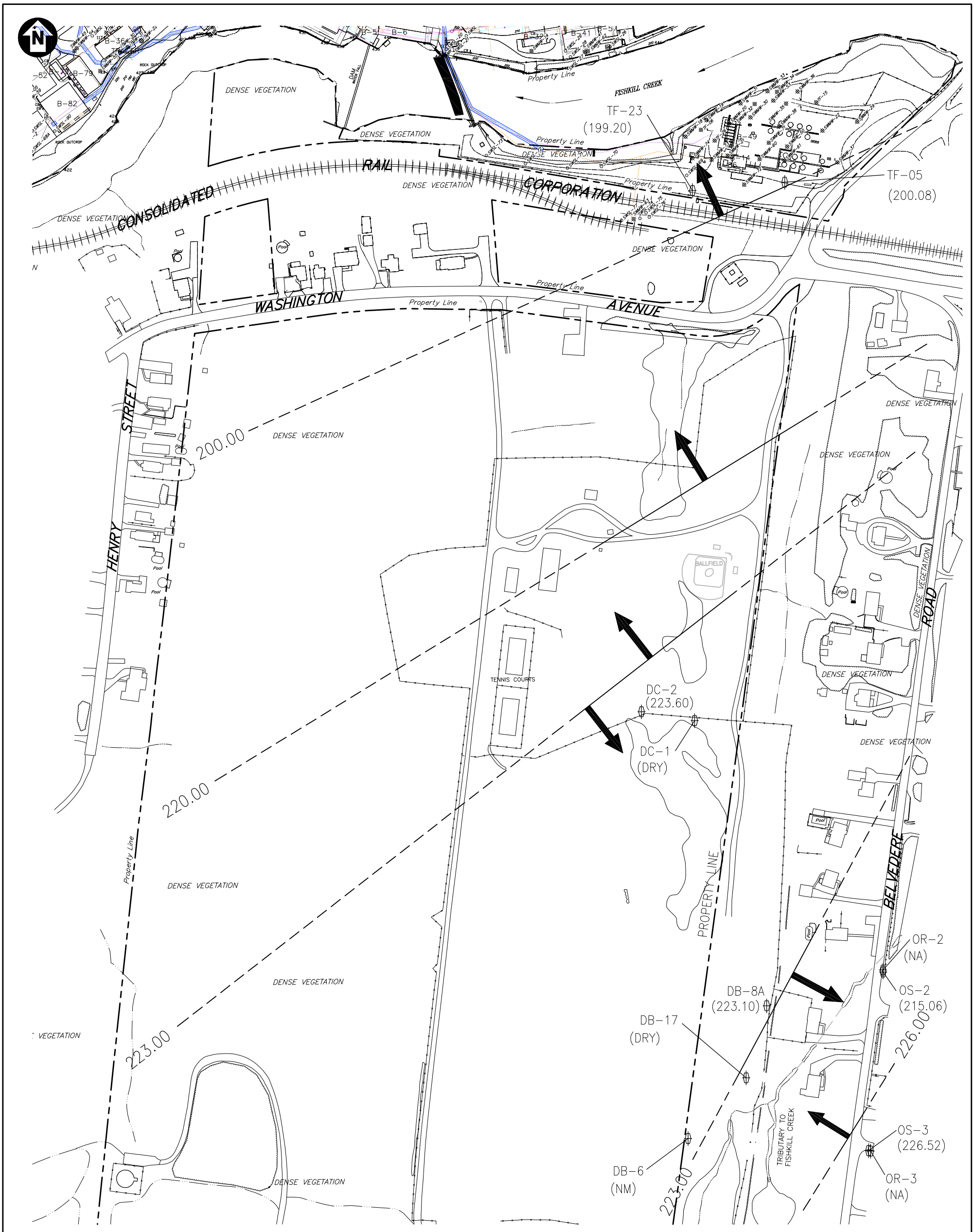
FILE NAME: P:\CHEVRON BEACON\441859 RCRA PERMIT\CAD\441859-C-001.DWG
PLOT DATE: 4/29/2008 12:17 PM PLOTTED BY: HALL, STEVE E

FIGURE 2

FORMER CHEVRON BEACON FACILITY
BEACON, NEW YORK

SITE MAP

PARSONS
290 ELWOOD DAVIS ROAD, SUITE 312, LIVERPOOL, N.Y. 13088, PHONE: 315-451-9560



SCALE: 1"=200'

LEGEND:

⊕ DC-2	MONITORING WELL LOCATION	➡	GROUNDWATER FLOW DIRECTION
——— 210.00	GROUNDWATER ELEVATION CONTOUR	NM	NOT MEASURED
(215.06)	GROUNDWATER ELEVATION RESULT (AUGUST 2007)	NA	NON-APPLICABLE (NOTE: WELLS OR-2 AND OR-3 ARE BEDROCK WELLS AND ARE NOT CONTOURED. ONLY OVERBURDEN WELL CONTOURED)

SOURCE: BADEY & WATSON, SURVEYING & ENGINEERING, P.C.

THE MERIDIAN AND COORDINATE VALUES HEREON REFER TO THE NEW YORK STATE COORDINATE SYSTEM, EAST ZONE (NAD-1983) EXPRESSED IN FEET.

WELL AND BORING ELEVATIONS ARE REFERENCED TO A SITE VERTICAL DATUM ESTABLISHED BY TEXACO IN 1957, HEREINAFTER REFERRED TO AS THE TEXACO DATUM. THIS DATUM IS 1.07' BELOW NAVD 1988.

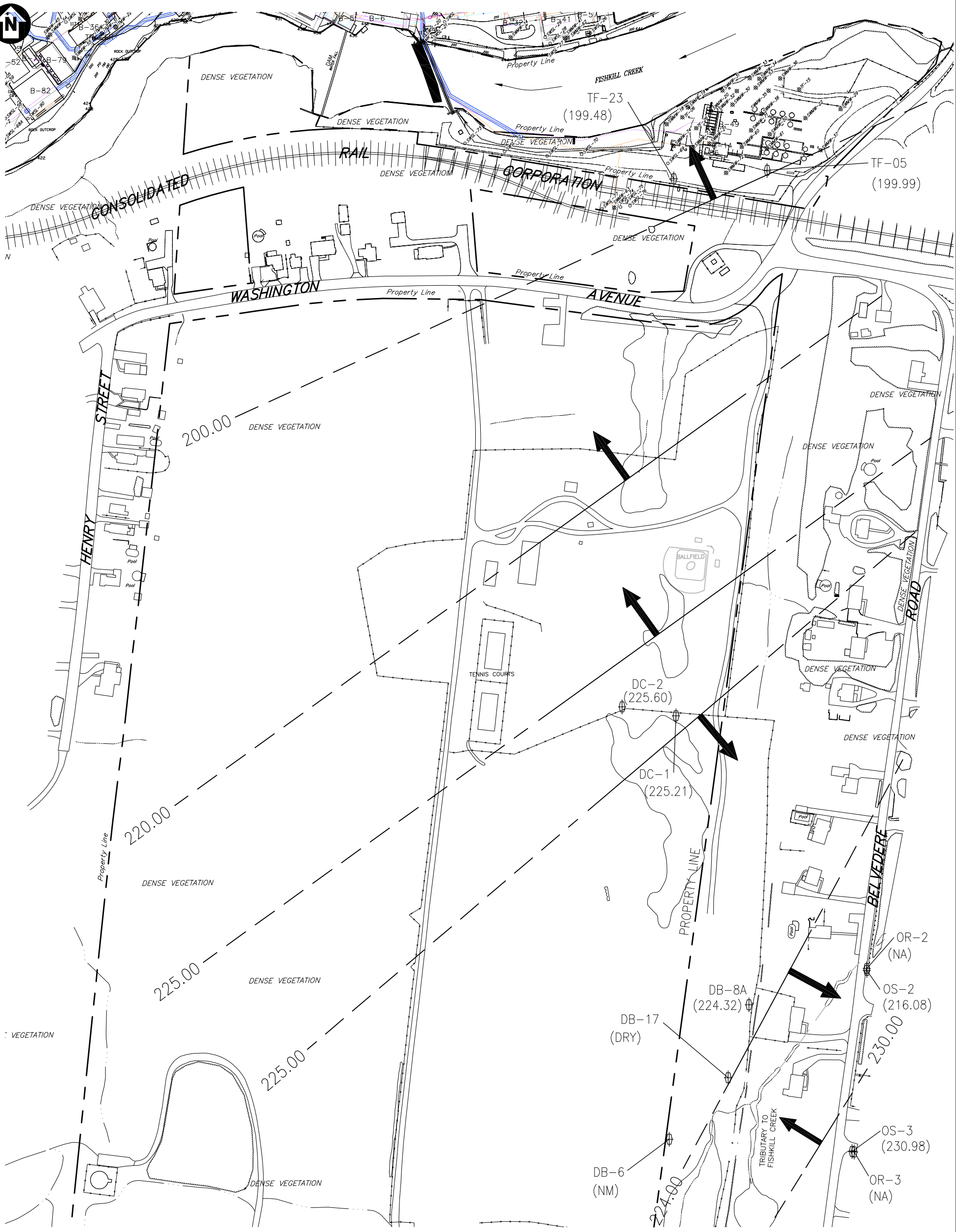
FILE NAME: P:\CHEVRON BEACON\441859 RCRA PERMIT\CAD\441859-C-005.DWG
PLOT DATE: 4/29/2008 12:19 PM PLOTTED BY: HALL, STEVE E

FIGURE 3

FORMER CHEVRON BEACON FACILITY
BEACON, NEW YORK

GROUNDWATER ELEVATION CONTOUR MAP
(AUGUST 2007)

PARSONS
290 ELWOOD DAVIS ROAD, SUITE 312, LIVERPOOL, N.Y. 13088, PHONE: 315-451-9560



SCALE: 1"=200'

LEGEND:

⊕ DC-2	MONITORING WELL LOCATION	→	GROUNDWATER FLOW DIRECTION
—— – – 231.00	GROUNDWATER ELEVATION CONTOUR	NM	NOT MEASURED
(231.12)	GROUNDWATER ELEVATION RESULT (NOVEMBER 2007)	NA	NON-APPLICABLE (NOTE: WELLS OR-2 AND OR-3 ARE BEDROCK WELLS AND ARE NOT CONTOURED. ONLY OVERBURDEN WELL CONTOURED)

SOURCE: BADEY & WATSON, SURVEYING & ENGINEERING, P.C.

THE MERIDIAN AND COORDINATE VALUES HEREON REFER TO THE NEW YORK STATE COORDINATE SYSTEM, EAST ZONE (NAD-1983) EXPRESSED IN FEET.

WELL AND BORING ELEVATIONS ARE REFERENCED TO A SITE VERTICAL DATUM ESTABLISHED BY TEXACO IN 1957, HEREINAFTER REFERRED TO AS THE TEXACO DATUM. THIS DATUM IS 1.07' BELOW NAVD 1988.

FILE NAME: P:\CHEVRON BEACON\441859 RCRA PERMIT\CAD\441859-C-006.DWG
PLOT DATE: 4/29/2008 12:20 PM PLOTTED BY: HALL, STEVE E

FIGURE 4

FORMER CHEVRON BEACON FACILITY
BEACON, NEW YORK

GROUNDWATER ELEVATION CONTOUR MAP (NOVEMBER 2007)

PARSONS
290 ELWOOD DAVIS ROAD, SUITE 312, LIVERPOOL, N.Y. 13088, PHONE: 315-451-9560

APPENDIX A

PARSONS GROUNDWATER SAMPLING RECORD LOGS (AUGUST 2007 AND NOVEMBER 2007)

PARSONS
GROUNDWATER SAMPLING RECORD

SITE NAME: COX - RCRA Permit Sampling - Beaumont
PROJECT NUMBER: 444019.0100

SAMPLE NUMBER: TF-5
DATE: 8/21/07
WEATHER: Rain - 60°F
TIME: 0815

SAMPLERS: Ed Astatan of Parsons
Dan Douglass of Parsons

DESCRIPTION OF SAMPLING POINT

Sample Location: Monitoring Well ~~MW-~~ TF-5
Screen/Sample Depth: TD = 9.5
Sample Method: disposable poly. bailer and poly rope

GROUNDWATER PURGING

Initial Static Water Level: 7.5'
One Well Volume:

					3 Volumes
2-Inch Casing:	2.00	Feet of Water x 0.16 Gallons/Foot =	0.32	Gallons	0.978 gals
3-Inch Casing:	____	Feet of Water x 0.36 Gallons/Foot =	____	Gallons	____
4-Inch Casing:	____	Feet of Water x 0.65 Gallons/Foot =	____	Gallons	____

Volume of groundwater purged: 1.5 Gallons Purged dry.
Purging Device: disposable poly bailer and poly rope.
Purge Water Disposition (e.g., contained): poly tank and transferred to water treatment plant onsite

SAMPLE DESCRIPTION

Color: clear to moderately turbid
Odor: none
Other: none
Sample Analyzed for: 8260, 8270, and PS (60/70B)
QC Samples at this Location: none
QC Samples Analyzed for: none

FIELD MEASUREMENTS

Temperature ~~(C/F)~~: 18.6
pH: 7.40
Conductivity (~~µohms/cm~~) mS/cm: 2.11
Turbidity (NTU): 225 NTU
D.O. = 3.98 mg/L
Redox = 58 mV

SAMPLE CUSTODY

Chain of Custody Number: ____
Shipped Via: Fedex
Laboratory: Centrisite Labs
Air bill Number: ____

COMMENTS: Purged dry and let recharge overnight.

PARSONS
GROUNDWATER SAMPLING RECORD

SITE NAME: COC - RCRA Permit Sampling - Beaumont
PROJECT NUMBER: 449019.0100

SAMPLE NUMBER: TF-23
DATE: 8/12/10
WEATHER: Rain. 60°F
TIME: 0830

SAMPLERS: Ed Ashton of Parsons
Dan Douglass of Parsons

DESCRIPTION OF SAMPLING POINT

Sample Location: Monitoring Well ~~MW-~~ TF-23
Screen/Sample Depth: TD = 12.7'
Sample Method: disposable poly. bailer and poly rope

GROUNDWATER PURGING

Initial Static Water Level: 8.0'
One Well Volume:

				3 Volumes	
2-Inch Casing:	4.7	Feet of Water x 0.16 Gallons/Foot =	0.76	Gallons	2.25 gal
3-Inch Casing:	____	Feet of Water x 0.36 Gallons/Foot =	____	Gallons	____
4-Inch Casing:	____	Feet of Water x 0.65 Gallons/Foot =	____	Gallons	____

Volume of groundwater purged: 5.0 Gallons —
Purging Device: disposable poly bailer and poly rope
Purge Water Disposition (e.g., contained): poly tank and transferred to water treatment plant on site

SAMPLE DESCRIPTION

Color: clear to turbid
Odor: none
Other: none
Sample Analyzed for: 8260, 8270, and PS (GRO/DRO)
QC Samples at this Location: TF-123 (Duplicate)
QC Samples Analyzed for: same as above

FIELD MEASUREMENTS

Temperature (C/F): 14.6
pH: 7.12
Conductivity (~~pohms/cm~~): 0.703 mS/cm
Turbidity (NTU): 635
DO = 5.52 mg/L
Redox = 106 mV

SAMPLE CUSTODY

Chain of Custody Number: —
Shipped Via: Fedex
Laboratory: Centrum Lab
Air bill Number: —

COMMENTS

PARSONS
GROUNDWATER SAMPLING RECORD

SITE NAME: CCX- RCRA Permit Sampling - Beacon, NY
PROJECT NUMBER: 444019.01000

SAMPLE NUMBER: DC-1 **WEATHER:** —
DATE: 8/20/07 **TIME:** —

SAMPLERS: Ed Kaszubski of Parsons
Dan Douglass of Parsons

DESCRIPTION OF SAMPLING POINT

Sample Location: Monitoring Well ~~MW-~~ DC-1
Screen/Sample Depth: 7.0 - 12.0'
Sample Method: disposable poly. bailer and poly rope

GROUNDWATER PURGING NA

Initial Static Water Level: Dry
One Well Volume:

				3 Volumes
2-Inch Casing:	____	Feet of Water x 0.16 Gallons/Foot =	____	Gallons ____
3-Inch Casing:	____	Feet of Water x 0.36 Gallons/Foot =	____	Gallons ____
4-Inch Casing:	____	Feet of Water x 0.65 Gallons/Foot =	____	Gallons ____

Volume of groundwater purged: ____ Gallons ____
Purging Device: ____
Purge Water Disposition (e.g., contained): poly. tank and transferred to water treatment plant onsite

SAMPLE DESCRIPTION NA

Color: ____
Odor: ____
Other: ____
Sample Analyzed for: 8260, 8270, and PCB (8082)
QC Samples at this Location: ____
QC Samples Analyzed for: ____

FIELD MEASUREMENTS NA

Temperature (C/F): ____ Conductivity (µohms/cm): ____
pH: ____ Turbidity (NTU): ____

SAMPLE CUSTODY

Chain of Custody Number: — Laboratory: Lancaster Labs
Shipped Via: Fedex Air bill Number: —

COMMENTS Dry. Not sampled

PARSONS
GROUNDWATER SAMPLING RECORD

SITE NAME: CCX - RCRA Permit Sampling - Beacon, NY
PROJECT NUMBER: 444019.0100

SAMPLE NUMBER: DC-2 **WEATHER:** Rain - 60°F
DATE: 8/28/07 **TIME:** 0900

SAMPLERS: Ed Ashton of Parsons
Dan Douglass of Parsons

DESCRIPTION OF SAMPLING POINT

Sample Location: Monitoring Well ~~MW-~~ DC-1
Screen/Sample Depth: TD = 17.5
Sample Method: disposable poly. bailer and poly rope

GROUNDWATER PURGING

Initial Static Water Level: 5.5'
One Well Volume:

				3 Volumes
2-Inch Casing:	12	Feet of Water x 0.16 Gallons/Foot =	1.95 Gallons	5.86 Gal.
3-Inch Casing:	___	Feet of Water x 0.36 Gallons/Foot =	___ Gallons	___
4-Inch Casing:	___	Feet of Water x 0.65 Gallons/Foot =	___ Gallons	___

Volume of groundwater purged: 10 Gallons —
Purging Device: disposable poly bailer and poly. rope.
Purge Water Disposition (e.g., contained): poly. tank and transferred to water treatment plant on site

SAMPLE DESCRIPTION

Color: turbid
Odor: none
Other: none
Sample Analyzed for: 8260, 8270, and PCB (8082)
QC Samples at this Location: none
QC Samples Analyzed for: none

FIELD MEASUREMENTS

Temperature (C/F): 15.5
pH: 7.53
Conductivity (~~pohms/cm~~ mS/cm): 0.320
Turbidity (NTU): 339
DO = 4.11 mg/L
Redox = 115 mV

SAMPLE CUSTODY

Chain of Custody Number: —
Shipped Via: Fedex
Laboratory: Lancaster Labs
Air bill Number: —

COMMENTS

PARSONS
GROUNDWATER SAMPLING RECORD

SITE NAME: CCX - RCRA Permit Sampling - Beaumont
PROJECT NUMBER: 449019.0100

SAMPLE NUMBER: DB-8A
DATE: 8/21/07
WEATHER: Rain - 60°F
TIME: 0920

SAMPLERS: E. Ashton of Parsons
Ryan Douglass of Parsons

DESCRIPTION OF SAMPLING POINT

Sample Location: Monitoring Well ~~MW-~~ DB-8A
Screen/Sample Depth: TD = 16.3'
Sample Method: disposable poly. bailer and poly rope

GROUNDWATER PURGING

Initial Static Water Level: 9.5'
One Well Volume:

				3 Volumes	
2-Inch Casing:	6.8	Feet of Water x 0.16 Gallons/Foot =	1.10	Gallons	3.32 gals
3-Inch Casing:	____	Feet of Water x 0.36 Gallons/Foot =	____	Gallons	____
4-Inch Casing:	____	Feet of Water x 0.65 Gallons/Foot =	____	Gallons	____

Volume of groundwater purged: 5 Gallons —
Purging Device: disposable poly bailer and poly rope
Purge Water Disposition (e.g., contained): poly. tank and transferred to water treatment plant onsite

SAMPLE DESCRIPTION

Color: clear to turbid
Odor: none
Other: none
Sample Analyzed for: ~~BOC~~ 8270, and PAS (8260B)
QC Samples at this Location: none
QC Samples Analyzed for: none

FIELD MEASUREMENTS

Temperature (~~C~~/F): 14.3
pH: 7.43
Conductivity (~~mhos/cm~~ mS/cm): 0.471
Turbidity (NTU): 278
D.O. = 5.17 mg/L
Redox = 114 mV

SAMPLE CUSTODY

Chain of Custody Number: —
Shipped Via: Fedex
Laboratory: Lancaster Labs
Air bill Number: —

COMMENTS

PARSONS
GROUNDWATER SAMPLING RECORD

SITE NAME: CVX - RCRA Permit Sampling - Bacon, NJ
PROJECT NUMBER: 444019.0000

SAMPLE NUMBER: OB-17A
WEATHER: —
DATE: 8/21/07
TIME: —

SAMPLERS: E. Krasutsa of Parsons
Dan Douglass of Parsons

DESCRIPTION OF SAMPLING POINT

Sample Location: Monitoring Well ~~MW-~~ OB-17A
Screen/Sample Depth: 70 = 9.10'
Sample Method: disposable poly. bailer and poly rope

GROUNDWATER PURGING NA

Initial Static Water Level: Dry
One Well Volume:

				3 Volumes
2-Inch Casing:	Feet of Water x 0.16 Gallons/Foot =		Gallons	
3-Inch Casing:	Feet of Water x 0.36 Gallons/Foot =		Gallons	
4-Inch Casing:	Feet of Water x 0.65 Gallons/Foot =		Gallons	

Volume of groundwater purged: Gallons
Purging Device:
Purge Water Disposition (e.g., contained): poly. tank and transferred to water treatment plant onsite

SAMPLE DESCRIPTION NA

Color:
Odor:
Other:
Sample Analyzed for: 8260, 8270, and PCB (8082)
QC Samples at this Location:
QC Samples Analyzed for:

FIELD MEASUREMENTS NA

Temperature (C/F): Conductivity (µohms/cm):
pH: Turbidity (NTU):

SAMPLE CUSTODY

Chain of Custody Number: —
Shipped Via: Fedex
Laboratory: Lancaster Labs
Air bill Number:

COMMENTS Dry. Not Sampled.

PARSONS
GROUNDWATER SAMPLING RECORD

SITE NAME: CCX - RCRA Permit Sampling - Beacon, NY
PROJECT NUMBER: 444019.0100

SAMPLE NUMBER: 05-2
DATE: 8/21/07
WEATHER: Rain - 60°F
TIME: 1000

SAMPLERS: Ed Astafan of Parsons
Dan Douglass of Parsons

DESCRIPTION OF SAMPLING POINT

Sample Location: Monitoring Well ~~MW-~~ 05-2
Screen/Sample Depth: 20 - 15'
Sample Method: disposable poly bailer and poly rope

GROUNDWATER PURGING

Initial Static Water Level: 6.7
One Well Volume:

				3 Volumes
2-Inch Casing:	___	Feet of Water x 0.16 Gallons/Foot =	___	Gallons ___
3-Inch Casing:	___	Feet of Water x 0.36 Gallons/Foot =	___	Gallons ___
4-Inch Casing:	8.3	Feet of Water x 0.65 Gallons/Foot =	5.41	Gallons 16.25 gals

Volume of groundwater purged: 20 Gallons —
Purging Device: disposable poly bailer and poly rope
Purge Water Disposition (e.g., contained): poly tank and transferred to water treatment plant onsite

SAMPLE DESCRIPTION

Color: clear
Odor: none
Other: none
Sample Analyzed for: 8260, 8270, and PCB (8082B)
QC Samples at this Location: none
QC Samples Analyzed for: none

FIELD MEASUREMENTS

Temperature (~~C/F~~): 15.7
pH: 7.05
Conductivity (~~µohms/cm~~): 0.512 mS/cm
Turbidity (NTU): 12.9
D.O.: 2.48 mg/L
Redox: 125 mV

SAMPLE CUSTODY

Chain of Custody Number: —
Shipped Via: Fedex
Laboratory: Lancaster Labs
Air bill Number: —

COMMENTS

PARSONS
GROUNDWATER SAMPLING RECORD

SITE NAME: CCX - RCRA Permit Sampling - Beacon, NY
PROJECT NUMBER: 444019.0100

SAMPLE NUMBER: OR-2
DATE: 8/22/07
WEATHER: Cldy - 70°F
TIME: 0915

SAMPLERS: E. Ashton of Parsons
Dan Doyle of Parsons

DESCRIPTION OF SAMPLING POINT

Sample Location: Monitoring Well MW- OR-2
Screen/Sample Depth: TD = 42.0'
Sample Method: disposable poly. bailer and poly rope

GROUNDWATER PURGING

Initial Static Water Level: 5.6'
One Well Volume:

				3 Volumes	
2-Inch Casing:	___	Feet of Water x 0.16 Gallons/Foot =	___	Gallons	___
3-Inch Casing:	___	Feet of Water x 0.36 Gallons/Foot =	___	Gallons	___
4-Inch Casing:	33.4	Feet of Water x 0.65 Gallons/Foot =	21.8	Gallons	65.43 gals.

Volume of groundwater purged: 70 Gallons —
Purging Device: peristaltic pump and dedicated poly. tubing.
Purge Water Disposition (e.g., contained): poly. tank and transferred to water treatment plant onsite

SAMPLE DESCRIPTION

Color: clear
Odor: none
Other: none
Sample Analyzed for: 8260, 8270, and PS (GRO/DRO)
QC Samples at this Location: none
QC Samples Analyzed for: none

FIELD MEASUREMENTS

Temperature (C/F): 15.6
pH: 8.16
Conductivity (µmhos/cm): 0.686 mS/cm
Turbidity (NTU): 16.8
DO = 2.84 mg/L
Redox = 103 mV

SAMPLE CUSTODY

Chain of Custody Number: —
Shipped Via: Fedex
Laboratory: Lancaster Labs
Air bill Number: —

COMMENTS

PARSONS
GROUNDWATER SAMPLING RECORD

SITE NAME: CUX - RCRA Permit Sampling - Beacon, NY
PROJECT NUMBER: 444019.01.000

SAMPLE NUMBER: OS-3
DATE: 8/21/07
WEATHER: Rain - 60°F
TIME: 1030

SAMPLERS: Ed Ashton of Parsons
Dan Anyanso of Parsons

DESCRIPTION OF SAMPLING POINT

Sample Location: Monitoring Well ~~MW-~~ OS-3
Screen/Sample Depth: 10 - 15'
Sample Method: disposable poly bailer and poly rope

GROUNDWATER PURGING

Initial Static Water Level: 6.5'
One Well Volume:

				3 Volumes
2-Inch Casing:		Feet of Water x 0.16 Gallons/Foot =		Gallons
3-Inch Casing:		Feet of Water x 0.36 Gallons/Foot =		Gallons
4-Inch Casing:	8.5	Feet of Water x 0.65 Gallons/Foot =	5.53	Gallons 16.65 gals.

Volume of groundwater purged: 20 Gallons —
Purging Device: disposable poly bailer and polyn rope
Purge Water Disposition (e.g., contained): poly tank and transferred to water treatment plant onsite

SAMPLE DESCRIPTION

Color: Clear
Odor: none
Other: none
Sample Analyzed for: ~~8~~ 8260, 8270, and Pb (6010B)
QC Samples at this Location: OS-3 MS/MSD
QC Samples Analyzed for: same parameters as above

FIELD MEASUREMENTS

Temperature (C/F): 12.4
pH: 8.42
Conductivity (~~uohms/cm~~ mS/cm): 0.310
Turbidity (NTU): 41.2
D.O. = 7.25 mg/L
Redox = 102 mV

SAMPLE CUSTODY

Chain of Custody Number: —
Shipped Via: FedEx
Laboratory: Lancaster Labs
Air bill Number: —

COMMENTS

PARSONS
GROUNDWATER SAMPLING RECORD

SITE NAME: CCX - RCRA Permit Sampling - Beacon, NY
PROJECT NUMBER: 449019.01.00

SAMPLE NUMBER: OR-3
DATE: 8/22/07
WEATHER: Cldy - 70°F
TIME: 0845

SAMPLERS: Ed Austin of Parsons
Dan Douglass of Parsons

DESCRIPTION OF SAMPLING POINT

Sample Location: Monitoring Well ~~MW-~~ OR-3
Screen/Sample Depth: TD = 74'
Sample Method: disposable poly. bailer and poly rope

GROUNDWATER PURGING

Initial Static Water Level: 29.7'
One Well Volume:

					3 Volumes
2-Inch Casing:	____	Feet of Water x 0.16 Gallons/Foot =	____	Gallons	____
3-Inch Casing:	____	Feet of Water x 0.36 Gallons/Foot =	____	Gallons	____
4-Inch Casing:	49.3'	Feet of Water x 0.65 Gallons/Foot =	32.19	Gallons	96.57

Volume of groundwater purged: 100 Gallons —
Purging Device: peristaltic pump and disposable poly. tubing.
Purge Water Disposition (e.g., contained): poly tank and transferred to wastewater treatment plant onsite

SAMPLE DESCRIPTION

Color: clear to red. tan/sd
Odor: none
Other: none
Sample Analyzed for: 8260, 8270, and PCB (8082)
QC Samples at this Location: none
QC Samples Analyzed for: none

FIELD MEASUREMENTS

Temperature (C/F): 12.6
pH: 8.43
Conductivity (~~mhos/cm~~) mS/cm: 0.001
Turbidity (NTU): 139.0
DO = 12.72 mg/L
Redox = 131 mV

SAMPLE CUSTODY

Chain of Custody Number: —
Shipped Via: Fedex
Laboratory: Lancaster Labs
Air bill Number: —

COMMENTS

PARSONS
GROUNDWATER SAMPLING RECORD

SITE NAME: CVX - RCRA Permit Sampling - Bakersfield
PROJECT NUMBER: 444019.01.00

SAMPLE NUMBER: TF-5
DATE: 11/28/07
WEATHER: Sunny - 40°F
TIME: 0855

SAMPLERS: Ed Astwa of Parsons
Derek Barnes of Parsons

DESCRIPTION OF SAMPLING POINT

Sample Location: Monitoring Well ~~MW-~~ TF-5
Screen/Sample Depth: TD = 95'
Sample Method: disposable poly. bailer and poly rope

GROUNDWATER PURGING

Initial Static Water Level: 7.59'
One Well Volume:

				3 Volumes
2-Inch Casing:	1.91	Feet of Water x 0.16 Gallons/Foot =	0.311	Gallons 0.93 gal.
3-Inch Casing:	____	Feet of Water x 0.36 Gallons/Foot =	____	Gallons ____
4-Inch Casing:	____	Feet of Water x 0.65 Gallons/Foot =	____	Gallons ____

Volume of groundwater purged: 1 Gallons —
Purging Device: disposable poly. bailer and poly rope
Purge Water Disposition (e.g., contained): poly tank and transferred to water treatment plant onsite

SAMPLE DESCRIPTION

Color: cloudy
Odor: none
Other: none
Sample Analyzed for: 8260, 8270, and PG (GRO/B)
QC Samples at this Location: none
QC Samples Analyzed for: none

FIELD MEASUREMENTS

Temperature (C/F): 11.7
pH: 7.25
Conductivity ~~(µohms/cm)~~ mS/cm: 1.24
Turbidity (NTU): 154
D.O. = 10.54 mg/L
Redox = 147 mV

SAMPLE CUSTODY

Chain of Custody Number: —
Shipped Via: Fedex
Laboratory: Lancaster Labs
Air bill Number: —

COMMENTS

PARSONS
GROUNDWATER SAMPLING RECORD

SITE NAME: CCX - RCRA Permit Sampling - Beacon, NY
PROJECT NUMBER: 444019.01.000

SAMPLE NUMBER: TF-23 **WEATHER:** Sunny - 40°F
DATE: 11/28/07 **TIME:** 0845

SAMPLERS: Ed Aswad of Parsons
Derek Barnes of Parsons

DESCRIPTION OF SAMPLING POINT

Sample Location: Monitoring Well ~~MW-~~ TF-23
Screen/Sample Depth: TD = 12.7'
Sample Method: disposable poly. bailer and poly rope

GROUNDWATER PURGING

Initial Static Water Level: 7.72'
One Well Volume:

					3 Volumes
2-Inch Casing:	4.98	Feet of Water x 0.16 Gallons/Foot =	0.811	Gallons	2.43 gals.
3-Inch Casing:	____	Feet of Water x 0.36 Gallons/Foot =	____	Gallons	____
4-Inch Casing:	____	Feet of Water x 0.65 Gallons/Foot =	____	Gallons	____

Volume of groundwater purged: 3 Gallons —
Purging Device: disposable poly. bailer and poly. rope.
Purge Water Disposition (e.g., contained): poly. tank and transferred to water treatment plant on site

SAMPLE DESCRIPTION

Color: clear
Odor: none
Other: none
Sample Analyzed for: 8260, 8270, and PCB (8082)
QC Samples at this Location: TF-123 (Duplicate)
QC Samples Analyzed for: same as above

FIELD MEASUREMENTS

Temperature (°F): 10.3
pH: 6.31
Conductivity ~~(µohms/cm)~~ mS/cm: 0.537
Turbidity (NTU): 407
D.O. = 11.81 mg/L
Redox = 218 mV

SAMPLE CUSTODY

Chain of Custody Number: —
Shipped Via: Fedex
Laboratory: Caesar Rivers
Air bill Number: —

COMMENTS

PARSONS
GROUNDWATER SAMPLING RECORD

SITE NAME: CCX - RCRA Permit Sampling - Bacon, NY
PROJECT NUMBER: 444019.01000

SAMPLE NUMBER: OC-1
DATE: 11/28/07
WEATHER: Sunny - 40°F
TIME: 1000

SAMPLERS: E. Ashton of Parsons
D. Welch Barnes of Parsons

DESCRIPTION OF SAMPLING POINT

Sample Location: Monitoring Well ~~MW-~~ OC-1
Screen/Sample Depth: TD = 9.70'
Sample Method: disposable poly. bailer and poly rope

GROUNDWATER PURGING

Initial Static Water Level: 4.09'
One Well Volume:

				3 Volumes
2-Inch Casing: 0.61	Feet of Water x 0.16 Gallons/Foot =	0.09	Gallons	0.29 gal
3-Inch Casing: ____	Feet of Water x 0.36 Gallons/Foot =	____	Gallons	____
4-Inch Casing: ____	Feet of Water x 0.65 Gallons/Foot =	____	Gallons	____

Volume of groundwater purged: 1 Gallons —
Purging Device: disposable poly bailer and poly rope.
Purge Water Disposition (e.g., contained): poly. tank and transferred to on-site treatment plant

SAMPLE DESCRIPTION

Color: cloudy
Odor: none
Other: none
Sample Analyzed for: TCL, TAL, and PCB (8082)
QC Samples at this Location: none
QC Samples Analyzed for: none

FIELD MEASUREMENTS

Temperature (~~C~~F): 7.5
pH: 7.19
Conductivity (~~µohms/cm~~ mS/cm): 0.657
Turbidity (NTU): 171
D.O. = 12.17 mg/L
Redox = 118 mV

SAMPLE CUSTODY

Chain of Custody Number: —
Shipped Via: Fedex
Laboratory: Lancaster Labs
Air bill Number: —

COMMENTS

PARSONS
GROUNDWATER SAMPLING RECORD

SITE NAME: CUX- RCRA Permit Sampling - Beaumont
PROJECT NUMBER: 449019.01000

SAMPLE NUMBER: OC-2 **WEATHER:** Sunny - 90°F
DATE: 8/28/07 **TIME:** 0930

SAMPLERS: Ed Aston of Parsons
Derek Barnes of Parsons

DESCRIPTION OF SAMPLING POINT

Sample Location: Monitoring Well ~~MW-~~ OC-2
Screen/Sample Depth: TD = 17.5'
Sample Method: disposable poly. bailer and poly rope

GROUNDWATER PURGING

Initial Static Water Level: 3.50'
One Well Volume:

					3 Volumes
2-Inch Casing:	14	Feet of Water x 0.16 Gallons/Foot =	2.28	Gallons	6.84
3-Inch Casing:	____	Feet of Water x 0.36 Gallons/Foot =	____	Gallons	____
4-Inch Casing:	____	Feet of Water x 0.65 Gallons/Foot =	____	Gallons	____

Volume of groundwater purged: 8 Gallons —
Purging Device: disposable poly. bailer and poly. rope.
Purge Water Disposition (e.g., contained): poly. tank and transferred to wastewater treatment plant on site

SAMPLE DESCRIPTION

Color: cloudy
Odor: none
Other: none
Sample Analyzed for: 8260, 8270, and PS C6A0B1
QC Samples at this Location: OC-2 MS/MSD
QC Samples Analyzed for: Same as above

FIELD MEASUREMENTS

Temperature (C/F): 8.2
pH: 7.12
Conductivity (~~ohms/cm~~): mS/cm 0.385
Turbidity (NTU): 55.2
D.O. = 11.09 mg/L
Redox = 92 mV

SAMPLE CUSTODY

Chain of Custody Number: —
Shipped Via: Fedex
Laboratory: Lancaster Labs
Air bill Number: —

COMMENTS

PARSONS
GROUNDWATER SAMPLING RECORD

SITE NAME: CCR - RCRA Permit Sampling - Beaumont
PROJECT NUMBER: 444019.0100

SAMPLE NUMBER: OB-8A
DATE: 8/28/07
WEATHER: Sunny - 90°F
TIME: 1030

SAMPLERS: Ed Ashton of Parsons
Derek Barnes of Parsons

DESCRIPTION OF SAMPLING POINT

Sample Location: Monitoring Well ~~MW-~~ OB-8A
Screen/Sample Depth: TD = 16.3'
Sample Method: disposable poly. bailer and poly rope

GROUNDWATER PURGING

Initial Static Water Level: 8.28'
One Well Volume:

					3 Volumes
2-Inch Casing:	8.02	Feet of Water x 0.16 Gallons/Foot =	1.30	Gallons	3.92 gal
3-Inch Casing:	____	Feet of Water x 0.36 Gallons/Foot =	____	Gallons	____
4-Inch Casing:	____	Feet of Water x 0.65 Gallons/Foot =	____	Gallons	____

Volume of groundwater purged: 4 Gallons —
Purging Device: disposable poly. bailer and poly rope
Purge Water Disposition (e.g., contained): poly tank and transferred to water treatment plant on site

SAMPLE DESCRIPTION

Color: cloudy
Odor: none
Other: none
Sample Analyzed for: 8260, 8270, and PS (GRO/B)
QC Samples at this Location: none
QC Samples Analyzed for: none

FIELD MEASUREMENTS

Temperature (~~C~~F): 9.7
pH: 7.22
Conductivity (~~mhos/cm~~ mS/cm): 0.518
Turbidity (NTU): 370
D.O. = 10.53 mg/L
Redox = 138 mV

SAMPLE CUSTODY

Chain of Custody Number: —
Shipped Via: Fedex
Laboratory: Lancaster Labs
Air bill Number: —

COMMENTS

PARSONS
GROUNDWATER SAMPLING RECORD

SITE NAME: CCK - RCRA Permit Sampling - Beacon, NY
PROJECT NUMBER: 444018.01000

SAMPLE NUMBER: DB-17A WEATHER: —
DATE: 11/28/07 TIME: —

SAMPLERS: Ed Ashton of Parsons
Mark Barnes of Parsons

DESCRIPTION OF SAMPLING POINT

Sample Location: Monitoring Well ~~MW-~~ DB-17A
Screen/Sample Depth: D = 9.10'
Sample Method: disposable poly. bailer and poly rope

GROUNDWATER PURGING

Initial Static Water Level: Dry
One Well Volume:

				3 Volumes
2-Inch Casing:	Feet of Water x 0.16 Gallons/Foot =		Gallons	
3-Inch Casing:	Feet of Water x 0.36 Gallons/Foot =		Gallons	
4-Inch Casing:	Feet of Water x 0.65 Gallons/Foot =		Gallons	

Volume of groundwater purged: Gallons
Purging Device:
Purge Water Disposition (e.g., contained): poly. tank and transferred to water treatment plant onsite

SAMPLE DESCRIPTION NA
Color:
Odor:
Other:
Sample Analyzed for: 8260, 8270, and PCB (8082)
QC Samples at this Location:
QC Samples Analyzed for:

FIELD MEASUREMENTS NA
Temperature (C/F): Conductivity (µohms/cm):
pH: Turbidity (NTU):

SAMPLE CUSTODY

Chain of Custody Number: — Laboratory: Severn Trent
Shipped Via: Fedex Air bill Number: —

COMMENTS Dry not Sampled

PARSONS
GROUNDWATER SAMPLING RECORD

SITE NAME: CVR - RCRA Permit Sampling - Beacon, NY
PROJECT NUMBER: 449018.01000

SAMPLE NUMBER: OS-3 **WEATHER:** Cloudy - 40°F
DATE: 11/29/07 **TIME:** 1145

SAMPLERS: Ed Astafan of Parsons
Derek Barnes of Parsons

DESCRIPTION OF SAMPLING POINT

Sample Location: Monitoring Well ~~MW-~~ OS-3
Screen/Sample Depth: 10 - 15'
Sample Method: disposable poly. bailer and poly rope

GROUNDWATER PURGING

Initial Static Water Level: 2.04'
One Well Volume:

					3 Volumes
2-Inch Casing:	____	Feet of Water x 0.16 Gallons/Foot =	____	Gallons	____
3-Inch Casing:	____	Feet of Water x 0.36 Gallons/Foot =	____	Gallons	____
4-Inch Casing:	12.96	Feet of Water x 0.65 Gallons/Foot =	8.46	Gallons	25.38 gal

Volume of groundwater purged: 70 Gallons ____
Purging Device: disposable bailer and poly rope
Purge Water Disposition (e.g., contained): poly tank and transferred to water treatment plant on site

SAMPLE DESCRIPTION

Color: clear
Odor: none
Other: none
Sample Analyzed for: 8260, 8270, and PCB (8082)
QC Samples at this Location: none
QC Samples Analyzed for: none

FIELD MEASUREMENTS

Temperature (C/F): 9.7
pH: 7.96
Conductivity (~~mohms/cm~~ mS/cm): 0.348
Turbidity (NTU): 0.0
DO = 9.36 mg/L
Redox = 68 mV

SAMPLE CUSTODY

Chain of Custody Number: ____
Shipped Via: Fedex
Laboratory: Lancaster Labs
Air bill Number: ____

COMMENTS Over purged well due to some surface water in curb box fell into well. Approx 0.5 gals.

PARSONS
GROUNDWATER SAMPLING RECORD

SITE NAME: CCR - RCRA Permit Sampling - Beaver, WV
PROJECT NUMBER: 444019.01000

SAMPLE NUMBER: OB-3 **WEATHER:** Cloudy - 40°F
DATE: 11/28/07 **TIME:** 1130

SAMPLERS: Ed Aston of Parsons
Mark Barnes of Parsons

DESCRIPTION OF SAMPLING POINT

Sample Location: Monitoring Well ~~MW-~~ OB-3
Screen/Sample Depth: TD = 74'
Sample Method: disposable poly. bailer and poly rope

GROUNDWATER PURGING

Initial Static Water Level: 25.30'
One Well Volume:

				3 Volumes	
2-Inch Casing:	____	Feet of Water x 0.16 Gallons/Foot =	____	Gallons	____
3-Inch Casing:	____	Feet of Water x 0.36 Gallons/Foot =	____	Gallons	____
4-Inch Casing:	48.7	Feet of Water x 0.65 Gallons/Foot =	31.66	Gallons	95.40

Volume of groundwater purged: 115 Gallons ____
Purging Device: Peristaltic pump and dedicated poly tubing
Purge Water Disposition (e.g., contained): poly tank and transferred to water treatment plant on site

SAMPLE DESCRIPTION

Color: clear
Odor: none
Other: none
Sample Analyzed for: 8260, 8270, and 6 CrVI
QC Samples at this Location: none
QC Samples Analyzed for: none

FIELD MEASUREMENTS

Temperature (C/F): 8.9
Conductivity (~~µohms/cm~~): mS/cm 0.544
pH: 7.82
Turbidity (NTU): 0.0
D.O. = 3.24 mg/L
Redox = -70 mV

SAMPLE CUSTODY

Chain of Custody Number: ____
Shipped Via: Fedex
Laboratory: Lancaster Labs
Air bill Number: ____

COMMENTS

PARSONS
GROUNDWATER SAMPLING RECORD

SITE NAME: CVX - RCRA Permit Sampling - Barney
PROJECT NUMBER: 444019.4000

SAMPLE NUMBER: 05-2 **WEATHER:** Cloudy - 40°F
DATE: 11/29/07 **TIME:** 1030

SAMPLERS: Ed Astor of Parsons
Derek Barney of Parsons

DESCRIPTION OF SAMPLING POINT

Sample Location: Monitoring Well ~~MW-~~ 05-2
Screen/Sample Depth: 70 - 15'
Sample Method: disposable poly. bailer and poly rope

GROUNDWATER PURGING

Initial Static Water Level: 5.68'
One Well Volume:

				3 Volumes
2-Inch Casing:	____	Feet of Water x 0.16 Gallons/Foot =	____	Gallons ____
3-Inch Casing:	____	Feet of Water x 0.36 Gallons/Foot =	____	Gallons ____
4-Inch Casing:	9.32	Feet of Water x 0.65 Gallons/Foot =	6.08	Gallons 18.25 gals.

Volume of groundwater purged: 20 Gallons —
Purging Device: disposable poly. bailer and poly. rope
Purge Water Disposition (e.g., contained): poly tank and transferred to water treatment plant on site

SAMPLE DESCRIPTION

Color: Clear
Odor: none
Other: none
Sample Analyzed for: ~~8260~~, 8270, and PCB (8082)
QC Samples at this Location: none
QC Samples Analyzed for: none

FIELD MEASUREMENTS

Temperature (~~C~~/F): 12.0
pH: 6.83
Conductivity (~~µohms/cm~~): 0.534 mS/cm
Turbidity (NTU): 5.7
D.O.: 6.37 mg/L
Redox: 210 mV

SAMPLE CUSTODY

Chain of Custody Number: —
Shipped Via: Fedex
Laboratory: Lancaster Labs
Air bill Number: —

COMMENTS

PARSONS
GROUNDWATER SAMPLING RECORD

SITE NAME: CCX - RCRA Permit Sampling - Beaumont
PROJECT NUMBER: 444019.01.000

SAMPLE NUMBER: OR-2 **WEATHER:** Cloudy - 40°F
DATE: 11/29/07 **TIME:** 1040

SAMPLERS: Ed Ashton of Parsons
Mark Barnes of Parsons

DESCRIPTION OF SAMPLING POINT

Sample Location: Monitoring Well ~~MW-~~ OR-2
Screen/Sample Depth: TD = 42'
Sample Method: disposable poly. bailer and poly rope

GROUNDWATER PURGING

Initial Static Water Level: 8.02'
One Well Volume:

				3 Volumes
2-Inch Casing:	____	Feet of Water x 0.16 Gallons/Foot =	____	Gallons ____
3-Inch Casing:	____	Feet of Water x 0.36 Gallons/Foot =	____	Gallons ____
4-Inch Casing:	33.98	Feet of Water x 0.65 Gallons/Foot =	22.18	Gallons 66.56 gal

Volume of groundwater purged: 80 Gallons ____
Purging Device: peristaltic pump and disposable poly. tubing
Purge Water Disposition (e.g., contained): poly. tank and transferred to water treatment plant on site

SAMPLE DESCRIPTION

Color: clear
Odor: none
Other: none
Sample Analyzed for: 8260, 8270, and PCB (8082)
QC Samples at this Location: none
QC Samples Analyzed for: none

FIELD MEASUREMENTS

Temperature (C/F): 16.3
pH: 7.54
Conductivity (~~µohms/cm~~): 0.450 mS/cm
Turbidity (NTU): 0.0
D.O. = 3.85 mg/L
Redox = 119 mV

SAMPLE CUSTODY

Chain of Custody Number: ____
Shipped Via: Fedex
Laboratory: Lancaster Labs
Air bill Number: ____

COMMENTS

APPENDIX B

PARSONS DATA REVIEW SUMMARY REPORTS FOR AUGUST AND NOVEMBER 2007 GROUNDWATER SAMPLING EVENTS

DATA REVIEW SUMMARY REPORT
for samples collected for
RCRA PERMIT GROUNDWATER SAMPLING
FORMER TEXACO RESEARCH CENTER
BEACON, NY

Data Review by: Richard Cheatham
Parsons – Denver, Colorado

INTRODUCTION

The following data review summary report covers groundwater samples and the associated field quality control (QC) samples collected as part of the RCRA permit groundwater sampling at the Former Texaco Research Center in Beacon, NY (Site ID#314004) on August 21-22, 2007. Field program quality control samples included field duplicate samples for ground waters and aqueous trip blank samples. All samples were collected by Parsons and analyzed by Lancaster Laboratories, Lancaster, PA (Lancaster) following the procedures outlined in the Addendum QAPP for Interim Corrective Action Measure, dated August 2005. Analytical results were reported in the following Lancaster Sample Delivery Group (SDG)/Sample Group, with sample groups associated with an SDG# being reported in a NYSDEC ASP Category B deliverables package: Sample Group 1052940 (SDG CBN47). All samples were identified on the chain-of-custody record (COC) as being analyzed for "TCL-8260 (i.e. Volatile Organic Compounds by method SW-846 8260B), "TCL-8270 (SW846)" (i.e. Semivolatile Organic Compounds by method SW-846 8270C), and "Pb" (i.e. Lead by method SW-846 6010B). All samples were analyzed as specified on the COC. Samples were analyzed for a project-specific list of 33 VOCs (including 2-Chloroethyl vinyl ether, Trichlorofluoromethane, MTBE), 3 SVOCs, and Lead.

Data validation was performed following the procedures of, and in accordance with the requirements of the Addendum QAPP for Interim Corrective Action Measure, dated August 2005, including the procedures and data quality criteria of the USEPA Region II SOP HW-6 (CLP Organics Data Review). Table 1 summarizes the sample data that has been reviewed. Data validation qualifications are summarized on Table 2. Field duplicate sample results are summarized on Table 3 of this report.

DATA REVIEW RESULTS SUMMARY

Each sample result for all analyses for the groundwater sample analyses is considered usable for project purposes. Laboratory QC sample analyses demonstrated acceptable precision and accuracy of associated sample results, with exceptions noted in sections following. Accuracy, precision (analytical and overall), representativeness, completeness, and comparability are considered acceptable for all analyses and all sample results for the groundwater samples.

For sample OS-3, the reported results for 2-Chloroethyl vinyl ether and 2,4-Dinitrophenol were qualified as rejected (R) due to non-compliant matrix spike/matrix spike duplicate (MS/MSD) recovery (%R) results. All other sample results were not qualified as a result of data review and data validation.

A trip blank sample and an equipment blank sample were collected and submitted with the shipment of groundwater samples. The trip blank was analyzed for VOCs only, whereas the equipment blank was analyzed for all parameters. One groundwater sample, DB-8A was collected as a field duplicate pair (TF-23/TF-123). Sample OS-3-082107 was utilized for MS/MSD analyses.

EVALUATION CRITERIA

The data submitted by the laboratory in the NYSDEC ASP Category B Data Package identified as SDG# CBN47 and dated September 21, 2007 has been reviewed and validated, as specified below, following the guidelines outlined in the Addendum QAPP for Interim Corrective Action Measure, dated August 2005.

Information reviewed and evaluated as part of the validation process included sample results; calibration information (initial calibration results, continuing calibration verification), laboratory control sample results (LCS); matrix spike/matrix spike duplicate (MS/MSD) results; parent/field duplicate (FD) results; trip blank field QC samples results; method blanks; “laboratory comments”; and chain-of-custody (COC) forms.

In addition, the summarized sample analysis results for groundwater sample OS-3-082107 and associated QC sample results and QA/QC data reported in the laboratory's "analysis report" for sample group 1052940 in SDG CBN22 for VOCs by Method “TCL by 8260”, for SVOCs by Method “TCL Semivolatiles by 8270”, and Method “Lead” (by SW6010B) were verified from the "raw" analytical data. The data packages were evaluated for deliverables completeness with reference to the project QAPP requirements.

The analyses and findings presented in this report are based on the reviewed information, and whether requirements in the Addendum QAPP were met.

Accuracy

Accuracy was evaluated using the percent recovery (%R) obtained from LCSs (blank spikes), MS, and MSD, as well as of surrogate compound recoveries for each project sample.

Precision

Analytical Precision was evaluated based on the relative percent difference (%RPD) of MS/MSD sample analysis results and of internal laboratory duplicate results.

Overall Precision (of the sampling and analysis process) was evaluated based on the relative percent difference (%RPD) of sample/field duplicate results.

Representativeness

Representativeness expresses the degree to which sample data accurately and precisely represents actual site conditions. Representativeness has been evaluated by:

- Comparing the COC procedures to those described in the Addendum QAPP;
- Comparing actual analytical procedures to those described in the Addendum QAPP;
- Evaluating sample preservation and analytical holding times;
- Examining trip blanks for contamination of, or cross-contamination of, samples during sample handling and shipment;
- Examining laboratory blanks for cross contamination of samples during sample preparation and analysis;
- Evaluating instrument tuning and performance data;
- Evaluating initial calibration results;
- Evaluating continuing calibration verification results; and,
- Evaluating field duplicate sample results.

Completeness (laboratory completeness)

Laboratory completeness has been evaluated by comparing the total number of samples collected with the total number of samples with valid analytical data, calculating a “percent completeness” value, and comparing the “percent completeness” with the Addendum QAPP criterion of 90% for each type of analysis.

Comparability

Comparability has been evaluated by:

- Evaluating the sample analysis methods used; and,
- Confirming the use, by the laboratory, of standard reporting units and reporting formats, including for reporting of QC data.

EVALUATION RESULTS – GROUNDWATER SAMPLES

TCL VOCs

In addition, to the evaluation of accuracy, precision, representativeness, comparability, and completeness results presented in the sections following, which pertain to analyses of all groundwater samples, a “spot check” verification of the reported results for one of the groundwater samples was performed. The summarized sample analysis results for the groundwater sample OS-3-082107 and associated QC sample results and QA/QC data reported in the laboratory's "analytical report" for SDG CBN47 “TCL by 8260” were verified from the "raw" analytical data.

Accuracy for all groundwater sample analyses is considered acceptable. Evaluation results are as follows:

- Surrogate recoveries (%R) for all project samples for Sample Group 1052940 were within laboratory control limits and also within Addendum QAPP control limits for all groundwater samples.
- LCS recoveries (%R) for Sample Group 1052940 were within applicable (laboratory) control limits.
- MS/MSD recoveries (%R) for Sample OS-3 analyzed in Sample Group 1052940 were within applicable were within laboratory control limits and also within Addendum QAPP control limits for water samples, with the exception of 2-Chloroethyl vinyl ether for which the MSD recovery was low. Evaluation results are shown below.

Sample Group/ SDG	Sample ID	Analyte	MS/MSD %R	MS/MSD %RPD	Data Qualifier
1052940/CBN47	OS-3	2-Chloroethyl vinyl ether	0/0	n/a	R

Analytical Precision is considered acceptable for all groundwater sample results. **Overall precision** is considered acceptable for all groundwater sample results. Evaluation results are as follows:

- MS/MSD RPD values (%R) for Sample OS-3 analyzed in Sample Group 1052940 were within applicable were within laboratory control limits and also within Addendum QAPP control limits for water sample.
- Field duplicate RPD values were within laboratory control limits and also within Addendum QAPP control limits for water samples. Sample TF-123 was collected as a field duplicate of TF-23 and analyzed in Sample Group 1052940. Sample concentrations for the duplicate pair TF-23/TF-123 were reported as "undetected" (U) for all analytes.

Representativeness is considered acceptable for all groundwater sample results. Evaluation results are as follows:

- Sample preservation requirements, as specified in the Addendum QAPP were met for all groundwater samples; sample pH<2. Cooler temperature at time of sample receipt by laboratory was in the range of 4°C±2°C.
- Analytical holding time for Sample Group 1052940, as specified in the Addendum QAPP, was met for all groundwater sample analyses.
- Trip blank associated with Sample Group 1052940 was free of any target analyte at a detectable concentration.
- Equipment blank associated with Sample Group 1052940 was free of any target analyte at a detectable concentration.
- The method blank associated with Sample Group1052940 was free of any target analyte at a detectable concentration.
- The samples were analyzed using the methods specified in the Addendum QAPP.

- GC/MS instrument performance check (BFB ion abundance criteria) met acceptance criteria.
- Internal standard area counts and retention times met acceptance criteria.
- Continuing calibration verification (CCV) results met the acceptance criterion of "<20%D".

Completeness is considered acceptable for groundwater sample results. The completeness percentage is >99%. Sample results are considered as usable for project purposes in accordance with Addendum QAPP specifications, with the exception of 2-Chloroethyl vinyl ether in sample OS-3.

Comparability is considered acceptable for all groundwater sample results. The samples were analyzed using the methods specified in the Addendum QAPP and data, including QC results, were reported using industry-standard reporting units and reporting formats.

TCL SEMIVOLATILES

In addition, to the evaluation of accuracy, precision, representativeness, comparability, and completeness results presented in the sections following, which pertain to analyses of all groundwater samples, verification of the reported results for the groundwater sample OS-3-082107 was performed. The summarized sample analysis results for the groundwater sample OS-3-082107 and associated QC sample results and QA/QC data reported in the laboratory's "analysis report" for SDG CBN47 for Semivolatiles by Method "TCL Semivolatile by 8270 were verified from the "raw" analytical data.

Accuracy for all groundwater sample analyses is considered acceptable. Evaluation results are as follows:

- Surrogate recoveries (%R) for all project samples for Sample Group 1052940 were within laboratory control limits and also within Addendum QAPP control limits for all groundwater samples.
- LCS/LCSD recoveries (%R) for Sample Group 1052940 were within applicable (laboratory) control limits.
- MS/MSD recoveries (%R) for Sample OS-3 analyzed in Sample Group 1052940 were within applicable were within laboratory control limits and also within Addendum QAPP control limits for water samples, with the exception of 2,4-Dinitrophenol for which the MS/MSD recovery was low. Evaluation results are shown below.

Sample Group/ SDG	Sample ID	Analyte	MS/MSD %R	MS/MSD %RPD	Data Qualifier
1052940/CBN47	OS-3	2,4-Dinitrophenol	0/0	n/a	R

Analytical Precision is considered acceptable for all groundwater sample results. **Overall precision** is considered acceptable for all groundwater sample results. Evaluation results are as follows:

- LCS/LCSD RPD values for Sample Group 1052940 were within applicable laboratory control limits.
- MS/MSD RPD values for Sample OS-3 analyzed in Sample Group 1052940 were within applicable were within laboratory control limits and also within Addendum QAPP control limits for water samples.
- Field duplicate RPD values were within laboratory control limits and also within Addendum QAPP control limits for water samples. Sample TF-123 was collected as a field duplicate of TF-23 and analyzed in Sample Group 1052940. All sample concentrations for the duplicate pair TF-23/TF-123 were reported as "undetected" (U). Field duplicate results are summarized on Table 3.

Representativeness is considered acceptable for all groundwater sample results. Evaluation results are as follows:

- Sample preservation requirements, as specified in the Addendum QAPP were met for all groundwater samples. Cooler temperature at time of sample receipt by laboratory was in the range of 4°C±2°C.
- Analytical holding times for Sample Group 1052940, as specified in the Addendum QAPP, were met for all groundwater sample analyses.
- Equipment blank associated with Sample Group 1052940 was free of any target analyte at a detectable concentration.
- The method blank associated with Sample Group 1052940 was free of any target analyte at a detectable concentration.
- The samples were analyzed using the methods specified in the Addendum QAPP.
- GC/MS instrument performance check (DFTPP ion abundance criteria) met acceptance criteria.
- Internal standard area counts and retention times met acceptance criteria.
- Initial calibration met acceptance criteria.
- Initial calibration verification met acceptance criteria.
- Continuing calibration verification (CCV) results met the acceptance criterion of "<20%D", with the exceptions shown below. If the %D result indicates a high bias (i.e. +%), then sample results reported as undetected (U) were not qualified.

Sample Group/SDG	Target Analyte	%D	Samples Affected	Data Qualifier
1052940/CBN47	Benzo(k)fluoranthene	22	5136503, -504, -509, -510, -511	J/UJ
1052940/CBN47	Benzoic acid	22	516499	None, “U”
1052940/CBN47	2-Chloronaphthalene	23	516499	None, “U”
1052940/CBN47	2-Nitroaniline	22	516499	None, “U”
1052940/CBN47	1,4-Dinitrobenzene	24	516499	None, “U”
1052940/CBN47	1,3-Dinitrobenzene	24	516499	None, “U”
1052940/CBN47	2,4-Dinitrophenol	43	516499	None, “U”

Completeness is considered acceptable for all groundwater sample results. All sample results are considered as usable for project purposes in accordance with Addendum QAPP specifications.

Comparability is considered acceptable for all groundwater sample results. The samples were analyzed using the methods specified in the Addendum QAPP and data, including QC results, were reported using industry-standard reporting units and reporting formats. The reported 4-methylphenol values are a combination of results of 3-Methylphenol and 4-Methylphenol, which cannot be resolved under the chromatographic conditions used for analysis.

LEAD

In addition, to the evaluation of accuracy, precision, representativeness, comparability, and completeness results presented in the sections following, which pertain to analyses of all groundwater samples, verification of the reported results for the groundwater sample OS_3-082107 was performed. The summarized sample analysis results for the groundwater sample OS-3-082107 and associated QC sample results and QA/QC data reported in the laboratory's "analysis report" for SDG CB47 for Lead by Method 6010B were verified from the "raw" analytical data.

Accuracy for all groundwater sample analyses is considered acceptable. Evaluation results are as follows:

- LCS recoveries (%R) for Sample Group 1052940 were within applicable (laboratory) control limits.
- MS/MSD recoveries (%R) for Sample OS-3 analyzed in Sample Group1052940 were within applicable were within laboratory control limits and also within Addendum QAPP control limits for water samples.

Analytical Precision is considered acceptable for all groundwater sample results. **Overall precision** is considered acceptable for all groundwater sample results. Evaluation results are as follows:

- MS/MSD RPD values for Sample OS-3 analyzed in Sample Group 1052940 were within applicable were within laboratory control limits and also within Addendum QAPP control limits for water samples.

- Laboratory duplicate sample RPD value for Sample OS-3 analyzed in Sample Group 1052940 were within laboratory control limits and also within Addendum QAPP control limits for water samples.
- Field duplicate RPD values were within laboratory control limits and also within Addendum QAPP control limits for water samples. Sample TF-123 was collected as a field duplicate of TF-23 and analyzed in Sample Group 1052940 Field duplicate results are summarized on Table 3.

Representativeness is considered acceptable for all groundwater sample results. Evaluation results are as follows:

- Sample preservation requirements, as specified in the Addendum QAPP were met for all groundwater samples. Cooler temperature at time of sample receipt by laboratory was in the range of 4°C±2°C.
- Analytical holding time for Sample Group 1052940, as specified in the Addendum QAPP, was met for all groundwater sample analyses.
- Equipment blank associated with Sample Group 1052940 was free of any target analyte at a detectable concentration.
- The method blank associated with Sample Group 1052940 was free of any target analyte at a detectable concentration.
- The samples were analyzed using the methods specified in the Addendum QAPP.
- Initial calibration met acceptance criteria.
- Initial calibration verification met acceptance criteria.
- Continuing calibration verification (CCV) results met the acceptance criterion of "<20%D".
- Serial dilution results met the acceptance criteria.

Completeness is considered acceptable for all groundwater sample results. All sample results are considered as usable for project purposes in accordance with Addendum QAPP specifications.

Comparability is considered acceptable for all groundwater sample results. The samples were analyzed using the methods specified in the Addendum QAPP and data, including QC results, were reported using industry-standard reporting units and reporting formats.

DELIVERABLES (DATA PACKAGE) COMPLETENESS AND COMPLIANCE

Deliverables Completeness is considered acceptable. The data for the groundwater samples were reported in NYSDEC ASP Category B (type) deliverables package identified as SDG CBN47. This package contained all sample COC forms, case narratives including sample/analysis summary forms, QA/QC summaries with supporting documentation, relevant calibration data, instrument and method performance data, documentation of the laboratories ability to attain the method detection limits for target analytes in required matrices, data report forms with examples of calculations, and raw data.

Deliverables Compliance is considered acceptable. The data was produced and reported consistent with the amended QAPP and the requested data package deliverables, protocol-required QA/QC criteria were met, and problems encountered during the analytical process and actions taken to correct the problems were reported in the data packages.

TABLE 1 – VALIDATED SAMPLES AND ANALYSES PERFORMED

Parsons Field Sample ID	Sample Date	Lancaster Sample Group	Lancaster Sample #	Lancaster SDG# (NYSDEC ASP Category B Data Package)	VOCs (SW8260B)	TCL-VOCs (SW8260B)	TCL-SVOCs (SW8270C)
TF-5-082107	08-21-07	1052940	5136497	CBN47	X	X	X
TF-23-082107	08-21-07	1052940	5136498	CBN47	X	X	X
TF-123-082107	08-21-07	1052940	5136499	CBN47	X	X	X
EB#1-082107	08-21-07	1052940	5136500	CBN47	X	X	X
Trip Blank-082107	08-21-07	1052940	5136501	CBN47	X	-	-
DC-2-082107	08-21-07	1052940	5136502	CBN47	X	X	X
DB-8A-082107	08-21-07	1052940	5136503	CBN47	X	X	X
OS-2-082107	08-21-07	1052940	5136504	CBN47	X	X	X
OS-3-082107	08-21-07	1052940	5136505	CBN47	X	X	X
OS-3 MS-082107	08-21-07	1052940	5136506	CBN47	X	X	X
OS-3 MSD-082107	08-21-07	1052940	5136507	CBN47	X	X	X
OS-3 Dup-082107	08-21-07	1052940	5136508	CBN47	X	X	X
OR-3-082207	08-22-07	1052940	5136509	CBN47	X	X	X
OR-2-082207	08-22-07	1052940	5136510	CBN47	X	X	X
DC-1-0822-7	08-22-07	1052940	5136511	CBN47	X	X	X

TABLE 2

DATA VALIDATION DATA QUALIFIERS AND DATA FLAG CHANGES

Sample ID	Sample Date	Sample Group/ SDG	Lab ID	ANALYTE	Reported Concentration (ug/L)	Old Flag (lab flag)	New Flag (Data Qualifier)	Final Q (summary)	Reason
OS-3	08/21/2007	10152940/ CBN47	5136505	2-Chloroethyl vinyl ether	ND	ND	R	R	MSD %R/RPD
OS-3	08/21/2007	10152940/ CBN47	5136505	2,4-Dinitrophenol	ND	ND	R	R	MSD %R/RPD

TABLE 3 – FIELD DUPLICATE SAMPLE RESULTS

Sample Matrix	Analyte	Collection Date	Field Sample ID	Field Sample Value	Replicate Sample ID	Replicate Sample Value	RPD*
GW	ALL VOC analytes	08/21/07	TF-23	U	TF-123	U	n/a
GW	ALL SVOC ANALYTES	08/21/07	TF-23	U	TF-123	U	n/a
GW	Lead	08/21/07	TF-23	14.7	TF-123	17.7	19

"U" = undetected.

**RPD calculated only if one result >PQL.

DATA REVIEW SUMMARY REPORT
for samples collected for
RCRA PERMIT GROUNDWATER SAMPLING
FORMER TEXACO RESEARCH CENTER
BEACON, NY

Data Review by: Richard Cheatham
Parsons – Denver, Colorado

INTRODUCTION

The following data review summary report covers groundwater samples and the associated field quality control (QC) samples collected as part of the RCRA permit groundwater sampling at the Former Texaco Research Center in Beacon, NY (Site ID#314004) on November 28-29, 2007. Field program quality control samples included field duplicate samples for ground waters and aqueous trip blank samples. All samples were collected by Parsons and analyzed by Lancaster Laboratories, Lancaster, PA (Lancaster) following the procedures outlined in the Addendum QAPP for Interim Corrective Action Measure, dated August 2005. Analytical results were reported in the following Lancaster Sample Delivery Group (SDG)/Sample Group, with sample groups associated with an SDG# being reported in a NYSDEC ASP Category B deliverables package: Sample Group 1067563 (SDG CBN48). All samples were identified on the chain-of-custody record (COC) as being analyzed for "TCL-8260 (i.e. Volatile Organic Compounds by method SW-846 8260B), "TCL-8270 (SW846)" (i.e. Semivolatile Organic Compounds by method SW-846 8270C), and "Pb" (i.e. Lead by method SW-846 6010B). All samples were analyzed as specified on the COC. Samples were analyzed for a project-specific list of 33 VOCs (including 2-Chloroethyl vinyl ether, Trichlorofluoromethane, MTBE), 3 SVOCs, and Lead.

Data validation was performed following the procedures of, and in accordance with the requirements of the Addendum QAPP for Interim Corrective Action Measure, dated August 2005, including the procedures and data quality criteria of the USEPA Region II SOP HW-6 (CLP Organics Data Review). Table 1 summarizes the sample data that has been reviewed. Data validation qualifications are summarized on Table 2. Field duplicate sample results are summarized on Table 3 of this report.

DATA REVIEW RESULTS SUMMARY

Each sample result for all analyses for the groundwater sample analyses is considered usable for project purposes. Laboratory QC sample analyses demonstrated acceptable precision and accuracy of associated sample results, with exceptions noted in sections following. Accuracy, precision (analytical and overall), representativeness, completeness, and comparability are considered acceptable for all analyses and all sample results for the groundwater samples.

Chloromethane results were qualified as estimated (J) in all groundwater samples due to non-compliant continuing calibration verification (CCV) percent difference (%D). 2,4-Dinitrophenol was qualified as estimated (J) in sample DC-02-0112807 due to non-

compliant matrix spike results. All other sample results were not qualified as a result of data review and data validation.

A trip blank sample and an equipment blank sample were collected and submitted with the shipment of groundwater samples. The trip blank was analyzed for VOCs only, whereas the equipment blank was analyzed for all parameters. One groundwater sample, TF-23-112807 was collected as a field duplicate pair (TF-23/TF-123). Sample DC-2-112807 was utilized for MS/MSD analyses.

EVALUATION CRITERIA

The data submitted by the laboratory in the NYSDEC ASP Category B Data Package identified as SDG# CBN48 and dated January 04, 2008 has been reviewed and validated, as specified below, following the guidelines outlined in the Addendum QAPP for Interim Corrective Action Measure, dated August 2005.

Information reviewed and evaluated as part of the validation process included sample results; calibration information (initial calibration results, continuing calibration verification), laboratory control sample results (LCS); matrix spike/matrix spike duplicate (MS/MSD) results; parent/field duplicate (FD) results; trip blank field QC samples results; method blanks; “laboratory comments”; and chain-of-custody (COC) forms.

In addition, the summarized sample analysis results for groundwater sample DC-2-112807 and associated QC sample results and QA/QC data reported in the laboratory's "analytical report" for sample group 1067563 in SDG CBN48 for VOCs by Method “TCL by 8260”, for SVOCs by Method “TCL Semivolatiles by 8270”, and Method “Lead” (by SW6010B) were verified from the "raw" analytical data. The data packages were evaluated for deliverables completeness with reference to the project QAPP requirements.

The analyses and findings presented in this report are based on the reviewed information, and whether requirements in the Addendum QAPP were met.

Accuracy

Accuracy was evaluated using the percent recovery (%R) obtained from LCSs (blank spikes), MS, and MSD, as well as of surrogate compound recoveries for each project sample.

Precision

Analytical Precision was evaluated based on the relative percent difference (%RPD) of MS/MSD sample analysis results and of internal laboratory duplicate results.

Overall Precision (of the sampling and analysis process) was evaluated based on the relative percent difference (%RPD) of sample/field duplicate results.

Representativeness

Representativeness expresses the degree to which sample data accurately and precisely represents actual site conditions. Representativeness has been evaluated by:

- Comparing the COC procedures to those described in the Addendum QAPP;

- Comparing actual analytical procedures to those described in the Addendum QAPP;
- Evaluating sample preservation and analytical holding times;
- Examining trip blanks for contamination of, or cross-contamination of, samples during sample handling and shipment;
- Examining laboratory blanks for cross contamination of samples during sample preparation and analysis;
- Evaluating instrument tuning and performance data;
- Evaluating initial calibration results;
- Evaluating continuing calibration verification results; and,
- Evaluating field duplicate sample results.

Completeness (laboratory completeness)

Laboratory completeness has been evaluated by comparing the total number of samples collected with the total number of samples with valid analytical data, calculating a "percent completeness" value, and comparing the "percent completeness" with the Addendum QAPP criterion of 90% for each type of analysis.

Comparability

Comparability has been evaluated by:

- Evaluating the sample analysis methods used; and,
- Confirming the use, by the laboratory, of standard reporting units and reporting formats, including for reporting of QC data.

EVALUATION RESULTS – GROUNDWATER SAMPLES

TCL VOCs

In addition, to the evaluation of accuracy, precision, representativeness, comparability, and completeness results presented in the sections following, which pertain to analyses of all groundwater samples, a "spot check" verification of the reported results for one of the groundwater samples, OR-2-112907, was performed. The summarized sample analysis results for the groundwater sample OR-2-112907 and associated QC sample results and QA/QC data reported in the laboratory's "analytical report" for SDG CBN48 "TCL by 8260" were verified from the "raw" analytical data.

Accuracy for all groundwater sample analyses is considered acceptable. Evaluation results are as follows:

- Surrogate recoveries (%R) for all project samples for Sample Group 1014759 were within laboratory control limits and also within Addendum QAPP control limits for all groundwater samples.

- LCS recoveries (%R) for Sample Group 1067563 were within applicable (laboratory) control limits.

- MS/MSD recoveries (%R) for Sample DC-02-112807 analyzed in Sample Group 1067563 were within applicable were within laboratory control limits and also within Addendum QAPP control limits for water samples

Analytical Precision is considered acceptable for all groundwater sample results. **Overall precision** is considered acceptable for all groundwater sample results. Evaluation results are as follows:

- MS/MSD RPD values (%R) for Sample DC-2-112807 analyzed in Sample Group 1067563 were within applicable were within laboratory control limits and also within Addendum QAPP control limits for water sample.

- Field duplicate RPD values were within laboratory control limits and also within Addendum QAPP control limits for water samples. Sample TF-123 was collected as a field duplicate of TF-23 and analyzed in Sample Group 101067563. Sample concentrations for the duplicate pair TF-23/TF-123 were reported as less than the PQL for all analytes with the exception of Trichloroethene. Field duplicate results are summarized on Table 3.

Representativeness is considered acceptable for all groundwater sample results. Evaluation results are as follows:

- Sample preservation requirements, as specified in the Addendum QAPP were met for all groundwater samples; sample pH<2. Cooler temperature at time of sample receipt by laboratory <4°C.
- Analytical holding time for Sample Group 1067563, as specified in the Addendum QAPP, was met for all groundwater sample analyses.
- Trip blank associated with Sample Group 993100 was free of any target analyte at a detectable concentration.
- Equipment blank associated with Sample 1067563 was free of any target analyte at a detectable concentration.
- The method blank associated with Sample Group1067563 was free of any target analyte at a detectable concentration.
- The samples were analyzed using the methods specified in the Addendum QAPP.
- GC/MS instrument performance check (BFB ion abundance criteria) met acceptance criteria.
- Internal standard area counts and retention times met acceptance criteria.
- Continuing calibration verification (CCV) results met the acceptance criterion of "<20%D", with exceptions shown below.

Sample Group/lab file ID	Target Analyte	%D	Samples Affected	Data Qualifier
1067563/Ld04c01.d	Chloromethane	23	ALL	UJ

Completeness is considered acceptable for groundwater sample results. The completeness percentage is >99%. Sample results are considered as usable for project purposes in accordance with Addendum QAPP specifications.

Comparability is considered acceptable for all groundwater sample results. The samples were analyzed using the methods specified in the Addendum QAPP and data, including QC results, were reported using industry-standard reporting units and reporting formats.

TCL SEMIVOLATILES

In addition, to the evaluation of accuracy, precision, representativeness, comparability, and completeness results presented in the sections following, which pertain to analyses of all groundwater samples, a “spot check” verification of the reported results for one of the groundwater samples, OR-2-112907, was performed. The summarized sample analysis results for the groundwater sample OR-2-112907 and associated QC sample results and QA/QC data reported in the laboratory's "analytical report" for SDG CBN48 for Semivolatiles by Method “TCL Semivolatile by 8270 were verified from the "raw" analytical data.

Accuracy for all groundwater sample analyses is considered acceptable. Evaluation results are as follows:

- Surrogate recoveries (%R) for all project samples for Sample Group 1067563 were within laboratory control limits and also within Addendum QAPP control limits for all groundwater samples.
- LCS recoveries (%R) for Sample Group 1067563 were within applicable (laboratory) control limits, with the exceptions shown below. Non-detect sample results associated with a non-compliant LCS %R exhibiting high bias (high %R) are not required to be qualified.

Sample Group/ SDG	QC Batch	LCS ID/ File ID	Analytical Parameter	LCS %R	QC Limit	Affected Samples	Data Qualifier
1067563/ CBN48	07337WAD026	337WDLCS/ Gl0032.d	2,6-Dinitrotoluene	112	70-108	ALL in SDG	None, all ND

- MS/MSD recoveries (%R) for Sample DC-2-112807 analyzed in Sample Group 1067563 were within applicable were within laboratory control limits and also within Addendum QAPP control limits for water samples, with the exception shown below. Since, the MS%R was non-compliant for 2,4-Dintrophenol, but the MSD%R was compliant, only the sample result in the sample used for MS/MSD analyses was qualified (J).

Sample Group/ SDG	Sample ID	Analytical Parameter	MS/ MSD %R	QC Limit	Affected Samples	Data Qualifier
1067563/ CBN48	DC-2	2,4-Dinitrophenol	0/42	20-160	DC-2	J/UJ

Analytical Precision is considered acceptable for all groundwater sample results. **Overall precision** is considered acceptable for all groundwater sample results. Evaluation results are as follows:

- LCS/LCSD RPD values for Sample Group 1067563 were within applicable laboratory control limits.
- MS/MSD RPD values for Sample DC-2-0112807 analyzed in Sample Group 1067563 were within applicable were within laboratory control limits and also within Addendum QAPP control limits for water samples, with the exceptions shown below. Since, the MS%R was non-compliant for 2,4-Dintrophenol, but the MSD%R was compliant, only the sample result in the sample used for MS/MSD analyses was qualified (J).

Sample Group/ SDG	Sample ID	Analytical Parameter	MS/ MSD RPD	QC Limit	Affected Samples	Data Qualifier
1067563/ CBN48	DC-2	2,4-Dinitrophenol	200	30	DC-2	J/UJ

- Field duplicate RPD values were within laboratory control limits and also within Addendum QAPP control limits for water samples. Sample TF-123 was collected as a field duplicate of TF-23 and analyzed in Sample Group 1067563. All sample concentrations for the duplicate pair TF-23/TF-23 were reported as less than the PQL. Field duplicate results are summarized on Table 3.

Representativeness is considered acceptable for all groundwater sample results. Evaluation results are as follows:

- Sample preservation requirements, as specified in the Addendum QAPP were met for all groundwater samples. Cooler temperature at time of sample receipt by laboratory <4°C.
- Analytical holding times for Sample Group 1067563, as specified in the Addendum QAPP, were met for all groundwater sample analyses.
- Equipment blank associated with Sample Group 1067563 was free of any target analyte at a detectable concentration.
- The method blank associated with Sample Group 1067563 was free of any target analyte at a detectable concentration.
- The samples were analyzed using the methods specified in the Addendum QAPP.

- GC/MS instrument performance check (DFTPP ion abundance criteria) met acceptance criteria.
- Internal standard area counts and retention times met acceptance criteria.
- Initial calibration met acceptance criteria.
- Initial calibration verification met acceptance criteria.
- Continuing calibration verification (CCV) results met the acceptance criterion of "<20%D".

Completeness is considered acceptable for all groundwater sample results. All sample results are considered as usable for project purposes in accordance with Addendum QAPP specifications.

Comparability is considered acceptable for all groundwater sample results. The samples were analyzed using the methods specified in the Addendum QAPP and data, including QC results, were reported using industry-standard reporting units and reporting formats. The reported 4-methylphenol values are a combination of results of 3-Methylphenol and 4-Methylphenol, which cannot be resolved under the chromatographic conditions used for analysis.

LEAD

In addition, to the evaluation of accuracy, precision, representativeness, comparability, and completeness results presented in the sections following, which pertain to analyses of all groundwater samples, a "spot check" verification of the reported results for one of the groundwater samples, OR-2-112907, was performed. The summarized sample analysis results for the groundwater sample OR-2-112907 and associated QC sample results and QA/QC data reported in the laboratory's "analytical report" for SDG CB48 for Lead by Method 6010B were verified from the "raw" analytical data.

Accuracy for all groundwater sample analyses is considered acceptable. Evaluation results are as follows:

- LCS recoveries (%R) for Sample Group 1067563 were within applicable (laboratory) control limits.
- MS/MSD recoveries (%R) for Sample DC-2-0117807 analyzed in Sample Group 1067563 were within applicable were within laboratory control limits and also within Addendum QAPP control limits for water samples.

Analytical Precision is considered acceptable for all groundwater sample results. **Overall precision** is considered acceptable for all groundwater sample results. Evaluation results are as follows:

- MS/MSD RPD values for Sample DC-2-01120807 analyzed in Sample Group 1067563 were within applicable were within laboratory control limits and also within Addendum QAPP control limits for water samples.

- Laboratory duplicate sample RPD value for Sample DC-2-0112807 analyzed in Sample Group 1067563 were within laboratory control limits and also within Addendum QAPP control limits for water samples.
- Field duplicate RPD values were within laboratory control limits and also within Addendum QAPP control limits for water samples. Sample TF-123 was collected as a field duplicate of TF-23 and analyzed in Sample Group 1067563 The RPD value for the duplicate pair TF-23/TF-123 met QC acceptance criterion for water samples. Field duplicate results are summarized on Table 3.

Representativeness is considered acceptable for all groundwater sample results. Evaluation results are as follows:

- Sample preservation requirements, as specified in the Addendum QAPP were met for all groundwater samples. Cooler temperature at time of sample receipt by laboratory <4°C.
- Analytical holding time for Sample Group 1067563, as specified in the Addendum QAPP, was met for all groundwater sample analyses.
- Equipment blank associated with Sample Group 1067563 was free of any target analyte at a detectable concentration.
- The method blank associated with Sample Group 1067563 was free of any target analyte at a detectable concentration.
- The samples were analyzed using the methods specified in the Addendum QAPP.
- Initial calibration met acceptance criteria.
- Initial calibration verification met acceptance criteria.
- Continuing calibration verification (CCV) results met the acceptance criterion of "<20%D".

Completeness is considered acceptable for all groundwater sample results. All sample results are considered as usable for project purposes in accordance with Addendum QAPP specifications.

Comparability is considered acceptable for all groundwater sample results. The samples were analyzed using the methods specified in the Addendum QAPP and data, including QC results, were reported using industry-standard reporting units and reporting formats.

DELIVERABLES (DATA PACKAGE) COMPLETENESS AND COMPLIANCE

Deliverables Completeness is considered acceptable. The data for the groundwater samples were reported in NYSDEC ASP Category B (type) deliverables package identified as SDG CBN48. This package contained all sample COC forms, case

narratives including sample/analysis summary forms, QA/QC summaries with supporting documentation, relevant calibration data, instrument and method performance data, documentation of the laboratories ability to attain the method detection limits for target analytes in required matrices, data report forms with examples of calculations, and raw data.

Deliverables Compliance is considered acceptable.

The data was produced and reported consistent with the amended QAPP and the requested data package deliverables, protocol-required QA/QC criteria were met, and problems encountered during the analytical process and actions taken to correct the problems were reported in the data packages.

TABLE 1 – VALIDATED SAMPLES AND ANALYSES PERFORMED

Parsons Field Sample ID	Sample Date	Lancaster Sample Group	Lancaster Sample #	Lancaster SDG# (NYSDEC ASP Category B Data Package)	Laboratory Sample Code	VOCs (SW8260B)	TCL-VOCs (SW8260B)	TCL-SVOCs (SW8270C)
TF-23-112807	11/28/07	1067563	5223994	CBN48	BCT23	X	X	X
TF-123-112807	11/28/07	1067563	5223995	CBN48	BC123	X	X	X
TF-5-112807	11/28/07	1067563	5223996	CBN48	BCT05	X	X	X
DC-2-112807	11/28/07	1067563	5223997	CBN48	BCD02	X	X	X
DC-2MS-112807	11/28/07	1067563	5223998	CBN48	BCD02MS	X	X	X
DC-2MSD-112807	11/28/07	1067563	5223999	CBN48	BCD02MSD	X	X	X
DC-2-112807 Duplicate	11/28/07	1067563	5224000	CBN48	BCD02D	-	-	X
DC-1-112807	11/28/07	1067563	5224001	CBN48	BCD01	X	X	X
DB-8A-112807	11/28/07	1067563	5224002	CBN48	BCD08	X	X	X
OR-2-112907	11/29/07	1067563	5224003	CBN48	BCOR2	X	X	X
OS-2-112907	11/29/07	1067563	5224004	CBN48	BCOS2	X	X	X
OR-3-112907	11/29/07	1067563	5224005	CBN48	BCOR3	X	X	X
OS-3-112907	11/29/07	1067563	5224006	CBN48	BCOS3	X	X	X
EB-1-112907	11/29/07	1067563	5224007	CBN48	BCEB1	X	X	X
Trip_Blank-112907	11/29/07	1067563	5224008	CBN48	BCTB1	X	-	-

TABLE 2

DATA VALIDATION DATA QUALIFIERS AND DATA FLAG CHANGES

Sample ID	Sample Date	Sample Group	Lab ID	ANALYTE	Reported Concentration (ug/L)	Old Flag (lab flag)	New Flag (Data Qualifier)	Final Q (summary)	Reason
TF-23-112807	11/28/07	1067563	5223994	Chloromethane	ND		J	UJ	CCV %D
TF-123-112807	11/28/07	1067563	5223995	Chloromethane	ND		J	UJ	CCV %D
TF-5-112807	11/28/07	1067563	5223996	Chloromethane	ND		J	UJ	CCV %D
DC-2-112807	11/28/07	1067563	5223997	Chloromethane	ND		J	UJ	CCV %D
DC-1-112807	11/28/07	1067563	5224001	Chloromethane	ND		J	UJ	CCV %D
DB-8A-112807	11/28/07	1067563	5224002	Chloromethane	ND		J	UJ	CCV %D
OR-2-112907	11/29/07	1067563	5224003	Chloromethane	ND		J	UJ	CCV %D
OS-2-112907	11/29/07	1067563	5224004	Chloromethane	ND		J	UJ	CCV %D
OR-3-112907	11/29/07	1067563	5224005	Chloromethane	ND		J	UJ	CCV %D
OS-3-112907	11/29/07	1067563	5224006	Chloromethane	ND		J	UJ	CCV %D
EB-1-112907	11/29/07	1067563	5224007	Chloromethane	ND		J	UJ	CCV %D
Trip_Blank-112907	11/29/07	1067563	5224008	Chloromethane	ND		J	UJ	CCV %D
DC-2-112807	11/28/07	1067563	5223997	2,4-Dinitrophenol	ND		J	UJ	MS%R, MS/MSD RPD

TABLE 3 – FIELD DUPLICATE SAMPLE RESULTS

Sample Matrix	Analyte	Collection Date	Field Sample ID	Field Sample Value	PQL*	Replicate Sample ID	Replicate Sample Value	RL	RPD**
GW	ALL VOC analytes	11/28/07	TF-23	ND		TF-123	ND		n/a
GW	ALL SVOC ANALYTES	11/28/07	TF-23	ND		TF-123	ND		n/a
GW	Lead	11/28/06	TF-23	0.0211		TF-123	0.0250	0.0069 mg/L	17

*PQL = RL

**RPD calculated only if both results >PQL.

APPENDIX C

HISTORICAL ANALYTICAL SUMMARY TABLES AND GRAPHS

HISTORICAL GROUNDWATER ANALYTICAL TABLE RECREATION AREA AND TANK FARM RCRA MONITORING WELLS FORMER CHEVRON RESEARCH FACILITY GLENHAM, NEW YORK

	Field Sample ID	TF-23-0-0-04272000-W		TF-23-0-0-06152000-W		TF-23-032004		TF-23-072004		TF-23		TF-23-111506		TF-123-082107		TF-23-082107		TF-123-112807		TF-23-112807	
	Location	TF-23		TF-23		TF-23		TF-23		TF-23		TF-23		TF-23		TF-23		TF-23		TF-23	
	Sample Date	4/27/2000		6/15/2000		3/1/2004		7/1/2004		6/6/2006		11/15/2006		8/21/2007		8/21/2007		11/28/2007		11/28/2007	
	Sample Purpose	Regular sample		Regular sample		Regular sample		Regular sample		Regular sample		Regular sample		Field Duplicate		Regular sample		Field Duplicate		Regular sample	
Parameter Name	**Units**																				
1,1,1,2-Tetrachloroethane	ug/l	0	U	NA		NA		NA		NA		NA		NA		NA		NA		NA	
1,1,1-Trichloroethane	ug/l	0	U	0	U	0	U	0	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U
1,1,2,2-Tetrachloroethane	ug/l	0	U	0	U	0	U	0	U	1	U	1	U	1	U	1	U	1	U	1	U
1,1,2-Trichloroethane	ug/l	0	U	0	U	0	U	0	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U
1,1-Dichloroethane	ug/l	0	U	0	U	0	U	0	U	1	U	1	U	1	U	1	U	1	U	1	U
1,1-Dichloroethene (Dichloroethylene)	ug/l	0	U	0	U	0	U	0	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U
1,1-Dichloropropane	ug/l	0	U	NA		NA		NA		NA		NA		NA		NA		NA		NA	
1,2,3-Trichlorobenzene	ug/l	0	U	NA		NA		NA		NA		NA		NA		NA		NA		NA	
1,2,3-Trichloropropane	ug/l	0	U	NA		NA		NA		NA		NA		NA		NA		NA		NA	
1,2,4-Trichlorobenzene	ug/l	0	U	NA		NA		NA		1	U	1	U	1	U	1	U	1	U	1	U
1,2,4-Trimethylbenzene	ug/l	0	U	NA		NA		NA		NA		NA		NA		NA		NA		NA	
1,2-Dibromo-3-chloropropane (DBCP)	ug/l	0	U	NA		NA		NA		NA		NA		NA		NA		NA		NA	
1,2-Dibromoethane	ug/l	0	U	NA		NA		NA		NA		NA		NA		NA		NA		NA	
1,2-Dichlorobenzene (o-Dichlorobenzene)	ug/l	0	U	0	U	0	U	0	U	1	U	1	U	1	U	1	U	1	U	1	U
1,2-Dichloroethane	ug/l	0	U	0	U	0	U	0	U	1	U	1	U	1	U	1	U	1	U	1	U
1,2-Dichloroethene	ug/l	NA		0	U	0	U	0	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U
1,2-Dichloropropane	ug/l	0	U	0	U	0	U	0	U	1	U	1	U	1	U	1	U	1	U	1	U
1,3,5-Trimethylbenzene	ug/l	0	U	NA		NA		NA		NA		NA		NA		NA		NA		NA	
1,3-Dichlorobenzene	ug/l	0	U	0	U	0	U	0	U	1	U	1	U	1	U	1	U	1	U	1	U
1,3-Dichloropropane	ug/l	0	U	NA		NA		NA		NA		NA		NA		NA		NA		NA	
1,4-Dichlorobenzene	ug/l	0	U	0	U	0	U	0	U	1	U	1	U	1	U	1	U	1	U	1	U
2,2'-oxybis(2-chloropropane)	ug/l	0	U	NA		NA		NA		NA		NA		NA		NA		NA		NA	
2,2-Dichloropropane	ug/l	0	U	NA		NA		NA		NA		NA		NA		NA		NA		NA	
2,4,5-Trichlorophenol	ug/l	NA		NA		NA		NA		1	U	1	U	1	U	1	U	1	U	1	U
2,4,6-Trichlorophenol	ug/l	NA		NA		NA		NA		1	U	1	U	1	U	1	U	1	U	1	U
2,4-Dichlorophenol	ug/l	NA		NA		NA		NA		1	U	1	U	1	U	1	U	1	U	1	U
2,4-Dimethylphenol	ug/l	NA		NA		NA		NA		3	U	3	U	3	U	3	U	3	U	3	U
2,4-Dinitrophenol	ug/l	NA		NA		NA		NA		20	U	20	U	20	U	20	U	19	U	19	U
2,4-Dinitrotoluene	ug/l	0	U	NA		NA		NA		1	U	1	U	1	U	1	U	1	U	1	U
2,6-Dinitrotoluene	ug/l	NA		NA		NA		NA		1	U	1	U	1	U	1	U	1	U	1	U
2-Butanone (Methyl ethyl ketone)	ug/l	0	U	NA		NA		NA		NA		NA		NA		NA		NA		NA	
2-Chloroethyl vinyl ether	ug/l	NA		0	U	0	U	0	U	2	U	NA		2	U	2	U	2	U	2	U
2-Chloronaphthalene	ug/l	0	U	NA		NA		NA		2	U	2	U	2	U	2	U	2	U	2	U
2-Chlorophenol (o-Chlorophenol)	ug/l	NA		NA		NA		NA		1	U	1	U	1	U	1	U	1	U	1	U
2-Hexanone	ug/l	0	U	NA		NA		NA		NA		NA		NA		NA		NA		NA	
2-Methyl-naphthlalene	ug/l	NA		NA		NA		NA		1	U	1	U	1	U	1	U	1	U	1	U
2-Methylphenol (o-Cresol)	ug/l	NA		NA		NA		NA		1	U	1	U	1	U	1	U	1	U	1	U
2-Nitroaniline (o-Nitroaniline)	ug/l	NA		NA		NA		NA		1	U	1	U	1	U	1	U	1	U	1	U
2-Nitrophenol (o-Nitrophenol)	ug/l	NA		NA		NA		NA		1	U	1	U	1	U	1	U	1	U	1	U
3,3'-Dichlorobenzidine	ug/l	0	U	NA		NA		NA		2	U	2	U	2	U	2	U	2	U	2	U
3-Nitroaniline	ug/l	NA		NA		NA		NA		1	U	1	U	1	U	1	U	1	U	1	U
4,6-Dinitro-2-methylphenol (4,6-Dinitro-o-cresol)	ug/l	NA		NA		NA		NA		5	U	5	U	5	U	5	U	5	U	5	U
4-Bromophenylphenylether	ug/l	0	U	NA		NA		NA		1	U	1	U	1	U	1	U	1	U	1	U
4-Chloroaniline	ug/l	NA		NA		NA		NA		1	U	1	U	1	U	1	U	1	U	1	U
4-Chlorophenyl phenyl ether	ug/l	0	U	NA		NA		NA		2	U	2	U	2	U	2	U	2	U	2	U
4-Isopropyltoluene	ug/l	0	U	NA		NA		NA		NA		NA		NA		NA		NA		NA	
4-Methyl-2-pentanone	ug/l	0	U	NA		NA		NA		NA		NA		NA		NA		NA		NA	

HISTORICAL GROUNDWATER ANALYTICAL TABLE RECREATION AREA AND TANK FARM RCRA MONITORING WELLS FORMER CHEVRON RESEARCH FACILITY GLENHAM, NEW YORK

	Field Sample ID	TF-23-0-0-04272000-W		TF-23-0-0-06152000-W		TF-23-032004		TF-23-072004		TF-23		TF-23-111506		TF-123-082107		TF-23-082107		TF-123-112807		TF-23-112807	
	Location	TF-23		TF-23		TF-23		TF-23		TF-23		TF-23		TF-23		TF-23		TF-23		TF-23	
	Sample Date	4/27/2000		6/15/2000		3/1/2004		7/1/2004		6/6/2006		11/15/2006		8/21/2007		8/21/2007		11/28/2007		11/28/2007	
	Sample Purpose	Regular sample		Regular sample		Regular sample		Regular sample		Regular sample		Regular sample		Field Duplicate		Regular sample		Field Duplicate		Regular sample	
Parameter Name	**Units**																				
4-Nitroaniline	ug/l	NA		NA		NA		NA		1	U	1	U	1	U	1	U	1	U	1	U
4-Nitrophenol	ug/l	NA		NA		NA		NA		10	U	10	U	10	U	10	U	10	U	10	U
Acenaphthene	ug/l	0	U	NA		NA		NA		1	U	1	U	1	U	1	U	1	U	1	U
Acenaphthylene	ug/l	0	U	NA		NA		NA		1	U	1	U	1	U	1	U	1	U	1	U
Acetone	ug/l	0	U	NA		NA		NA		NA		NA		NA		NA		NA		NA	
Acrolein	ug/l	0	U	NA		NA		NA		NA		NA		NA		NA		NA		NA	
Acrylonitrile	ug/L	0	U	NA		NA		NA		NA		NA		NA		NA		NA		NA	
Anthracene	ug/l	0	U	NA		NA		NA		1	U	1	U	1	U	1	U	1	U	1	U
Benzene	ug/l	0	U	0	U	0	U	0	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Benzidine	ug/l	0	U	NA		NA		NA		NA		NA		NA		NA		NA		NA	
Benzo(a)anthracene	ug/l	0	U	NA		NA		NA		1	U	1	U	1	U	1	U	1	U	1	U
Benzo(a)Pyrene	ug/l	0	U	NA		NA		NA		1	U	1	U	1	U	1	U	1	U	1	U
Benzo(b)Fluoranthene	ug/l	0	U	NA		NA		NA		1	U	1	U	1	U	1	U	1	U	1	U
Benzo(g,h,i)perylene	ug/l	0	U	NA		NA		NA		1	U	1	U	1	U	1	U	1	U	1	U
Benzo(k)Fluoranthene	ug/l	0	U	NA		NA		NA		1	U	1	U	1	U	1	U	1	U	1	U
bis(2-Chloroethoxy)methane	ug/l	0	U	NA		NA		NA		1	U	1	U	1	U	1	U	1	U	1	U
bis(2-Chloroethyl) ether	ug/l	0	U	NA		NA		NA		1	U	1	U	1	U	1	U	1	U	1	U
Bis(2-chloroisopropyl) ether	ug/l	NA		NA		NA		NA		1	U	1	U	1	U	1	U	1	U	1	U
bis(2-Ethylhexyl)phthalate	ug/l	0	U	NA		NA		NA		2	U	2	U	2	U	2	U	2	U	2	U
Bromobenzene	ug/L	0	U	NA		NA		NA		NA		NA		NA		NA		NA		NA	
Bromochloromethane	ug/L	0	U	NA		NA		NA		NA		NA		NA		NA		NA		NA	
Bromodichloromethane	ug/l	0	U	0	U	0	U	0	U	1	U	1	U	1	U	1	U	1	U	1	U
Bromoform	ug/l	0	U	0	U	0	U	0	U	1	U	1	U	1	U	1	U	1	U	1	U
Bromomethane (Methyl bromide)	ug/l	0	U	0	U	0	U	0	U	1	U	1	U	1	U	1	U	1	U	1	U
Butylbenzylphthalate	ug/l	0	U	NA		NA		NA		2	U	2	U	2	U	2	U	2	U	2	U
Carbazole	ug/l	NA		NA		NA		NA		1	U	1	U	1	U	1	U	1	U	1	U
Carbon Disulfide	ug/l	0	U	NA		NA		NA		NA		NA		NA		NA		NA		NA	
Carbon Tetrachloride	ug/l	0	U	0	U	0	U	0	U	1	U	1	U	1	U	1	U	1	U	1	U
Chlorobenzene	ug/l	0	U	0	U	0	U	0	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U
Chloroethane	ug/l	0	U	0	U	0	U	0	U	1	U	1	UJ	1	U	1	U	1	U	1	U
Chloroform	ug/l	0	U	0	U	0	U	0	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U
Chloromethane (Methyl chloride)	ug/l	0	U	0	U	0	U	0	U	1	U	1	UJ	1	U	1	U	1	UJ	1	UJ
Chrysene	ug/l	0	U	NA		NA		NA		1	U	1	U	1	U	1	U	1	U	1	U
cis-1,2-Dichloroethene	ug/l	0	U	NA		NA		NA		NA		NA		0.8	U	NA		NA		NA	
cis-1,3-Dichloropropene	ug/l	0	U	0	U	0	U	0	U	1	U	1	U	NA		1	U	1	U	1	U
Di-n-butylphthalate	ug/l	2.8		NA		NA		NA		2	U	2	U	2	U	2	U	2	U	2	U
Di-n-octylphthalate	ug/l	0	U	NA		NA		NA		2	U	2	U	2	U	2	U	2	U	2	U
Dibenz(a,h)anthracene	ug/l	0	U	NA		NA		NA		1	U	1	U	1	U	1	U	1	U	1	U
Dibenzofuran	ug/l	NA		NA		NA		NA		1	U	1	U	1	U	1	U	1	U	1	U
Dibromochloromethane	ug/l	0	U	0	U	0	U	0	U	1	U	1	U	1	U	1	U	1	U	1	U
Dichlorodifluoromethane (Freon 12)	ug/L	0	U	NA		NA		NA		NA		NA		NA		NA		NA		NA	
Diethylphthalate	ug/l	0	U	NA		NA		NA		2	U	2	U	2	U	2	U	2	U	2	U
Dimethylphthalate	ug/l	0	U	NA		NA		NA		2	U	2	U	2	U	2	U	2	U	2	U
Ethylbenzene	ug/l	0	U	0	U	0	U	0	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U
Fluoranthene	ug/l	0	U	NA		NA		NA		1	U	1	U	1	U	1	U	1	U	1	U
Fluorene	ug/l	0	U	NA		NA		NA		1	U	1	U	1	U	1	U	1	U	1	U
Hexachlorobenzene	ug/l	0	U	NA		NA		NA		1	U	1	U	1	U	1	U	1	U	1	U
Hexachlorobutadiene	ug/l	0	U	NA		NA		NA		1	U	1	U	1	U	1	U	1	U	1	U
Hexachlorocyclopentadiene	ug/l	0	U	NA		NA		NA		5	U	5	U	5	U	5	U	5	U	5	U
Hexachloroethane	ug/l	0	U	NA		NA		NA		1	U	1	U	1	U	1	U	1	U	1	U
Indeno(1,2,3-cd)pyrene	ug/l	0	U	NA		NA		NA		1	U	1	U	1	U	1	U	1	U	1	U
Iodomethane (Methyl iodide)	ug/l	0	U	NA		NA		NA		NA		NA		NA		NA		NA		NA	
Isophorone	ug/l	0	U	NA		NA		NA		1	U	1	U	1	U	1	U	1	U	1	U
Isopropylbenzene	ug/l	0	U	NA		NA		NA		NA		NA		NA		NA		NA		NA	
Lead	mg/l	NA		0.131		0.0375		0.005		0.0069	U	0.0069	U	0.0177		0.0147	J	0.025		0.0211	

HISTORICAL GROUNDWATER ANALYTICAL TABLE RECREATION AREA AND TANK FARM RCRA MONITORING WELLS FORMER CHEVRON RESEARCH FACILITY GLENHAM, NEW YORK

	Field Sample ID	TF-23-0-0-04272000-W		TF-23-0-0-06152000-W		TF-23-032004		TF-23-072004		TF-23		TF-23-111506		TF-123-082107		TF-23-082107		TF-123-112807		TF-23-112807	
	Location	TF-23		TF-23		TF-23		TF-23		TF-23		TF-23		TF-23		TF-23		TF-23		TF-23	
	Sample Date	4/27/2000		6/15/2000		3/1/2004		7/1/2004		6/6/2006		11/15/2006		8/21/2007		8/21/2007		11/28/2007		11/28/2007	
	Sample Purpose	Regular sample		Regular sample		Regular sample		Regular sample		Regular sample		Regular sample		Field Duplicate		Regular sample		Field Duplicate		Regular sample	
Parameter Name	**Units**																				
Methyl-t-butyl ether	ug/l	0	U	NA		NA		NA		0.5	U	0.5	U	NA		NA		0.5	U	0.5	U
Methylene chloride (Dichloromethane)	ug/l	0	U	0	U	0	U	0	U	2	U	2	U	2	U	2	U	2	U	2	U
n-Butylbenzene	ug/l	0	U	NA		NA		NA		NA		NA		NA		NA		NA		NA	
N-Nitrosodi-n-propylamine	ug/l	0	U	NA		NA		NA		1	U	1	U	1	U	1	U	1	U	1	U
N-Nitrosodiphenylamine (Diphenylamine)	ug/l	0	U	NA		NA		NA		2	U	2	U	2	U	2	U	2	U	2	U
n-Propylbenzene	ug/L	0	U	NA		NA		NA		NA		NA		NA		NA		NA		NA	
Naphthalene	ug/l	0	U	NA		NA		NA		1	U	1	U	1	U	1	U	1	U	1	U
Nitrobenzene	ug/l	0	U	NA		NA		NA		1	U	1	U	1	U	1	U	1	U	1	U
o-Chlorotoluene	ug/L	0	U	NA		NA		NA		NA		NA		NA		NA		NA		NA	
p-Chloro-m-cresol	ug/l	NA		NA		NA		NA		1	U	1	U	1	U	1	U	1	U	1	U
p-Chlorotoluene	ug/L	0	U	NA		NA		NA		NA		NA		NA		NA		NA		NA	
p-Cresol	ug/l	NA		NA		NA		NA		2	U	2	U	2	U	2	U	2	U	2	U
Pentachlorophenol	ug/l	NA		NA		NA		NA		3	U	3	U	3	U	3	U	3	U	3	U
Phenanthrene	ug/l	0	U	NA		NA		NA		1	U	1	U	1	U	1	U	1	U	1	U
Phenol	ug/l	NA		NA		NA		NA		1	U	1	U	1	U	1	U	1	U	1	U
Pyrene	ug/l	0	U	NA		NA		NA		1	U	1	U	1	U	1	U	1	U	1	U
sec-Butylbenzene	ug/L	0	U	NA		NA		NA		NA		NA		NA		NA		NA		NA	
Styrene	ug/l	0	U	NA		NA		NA		NA		NA		NA		NA		NA		NA	
t-Butylbenzene	ug/L	0	U	NA		NA		NA		NA		NA		NA		NA		NA		NA	
Tetrachloroethene	ug/l	0	U	0	U	0	U	0	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U
Toluene	ug/l	0	U	0	U	0	U	0	U	0.7	U	0.7	U	0.7	U	0.7	U	0.7	U	0.7	U
trans-1,2-Dichloroethene	ug/l	0	U	NA		NA		NA		NA		NA		0.8	U	NA		NA		NA	
trans-1,3-Dichloropropene	ug/l	0	U	0	U	0	U	0	U	1	U	1	U	NA		1	U	1	U	1	U
Trichloroethene (Trichloroethylene)	ug/l	0	U	0	U	0	U	0	U	1	U	1	U	1	U	1	U	1	U	1	U
Trichlorofluoromethane (Freon 11)	ug/l	0	U	0	U	0	U	0	U	2	U	2	U	2	U	2	U	2	U	2	U
Trihalomethanes, Total	ug/l	NA		0	U	0	U	0	U	NA		NA		NA		NA		NA		NA	
Vinyl chloride (Chloroethene)	ug/l	0	U	0	U	0	U	0	U	1	U	1	U	1	U	1	U	1	U	1	U
Xylenes, Total	ug/l	0	U	0	U	0	U	0	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U

NOTES:
NA - Not Analyzed
U - The analyte was analyzed, but not detected. The associated numerical value is at or below the method detection limit.
J - The analyte was positively identified, but the quantitation is an estimation.
(1) - Results reported as zero are historical values that did not have documented detection limits.

HISTORICAL GROUNDWATER ANALYTICAL TABLE RECREATION AREA AND TANK FARM RCRA MONITORING WELLS FORMER CHEVRON RESEARCH FACILITY GLENHAM, NEW YORK

	Field Sample ID	DB-08A-0-0-06152000-W		DB-8A-032004		DB-8A-072004		DB-108A		DB-8A		DB-8A-111506		DB-8A-082107		DB-8A-112807	
	Location	DB-8A		DB-8A		DB-8A		DB-8A		DB-8A		DB-8A		DB-8A		DB-8A	
	Sample Date	6/15/2000		3/1/2004		7/1/2004		6/8/2006		6/8/2006		11/15/2006		8/21/2007		11/28/2007	
	Sample Purpose	Regular sample		Regular sample		Regular sample		Field Duplicate		Regular sample		Regular sample		Regular sample		Regular sample	
Parameter Name	**Units**																
1,1,1-Trichloroethane	ug/l	0	U	0	U	0	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U
1,1,2,2-Tetrachloroethane	ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U	1	U
1,1,2-Trichloroethane	ug/l	0	U	0	U	0	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U
1,1-Dichloroethane	ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U	1	U
1,1-Dichloroethene (Dichloroethylene)	ug/l	0	U	0	U	0	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U
1,2,4-Trichlorobenzene	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U	1	U
1,2-Dichlorobenzene (o-Dichlorobenzene)	ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U	1	U
1,2-Dichloroethane	ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U	1	U
1,2-Dichloroethene	ug/l	18		0	U	0	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U
1,2-Dichloropropane	ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U	1	U
1,3-Dichlorobenzene	ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U	1	U
1,4-Dichlorobenzene	ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U	1	U
2,4,5-Trichlorophenol	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U	1	U
2,4,6-Trichlorophenol	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U	1	U
2,4-Dichlorophenol	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U	1	U
2,4-Dimethylphenol	ug/l	NA		NA		NA		3	U	3	U	3	U	3	U	3	U
2,4-Dinitrophenol	ug/l	NA		NA		NA		20	U	20	U	19	U	20	U	19	U
2,4-Dinitrotoluene	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U	1	U
2,6-Dinitrotoluene	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U	1	U
2-Chloroethyl vinyl ether	ug/l	0	U	0	U	0	U	2	U	2	U	2	U	2	U	2	U
2-Chloronaphthalene	ug/l	NA		NA		NA		2	U	2	U	2	U	2	U	2	U
2-Chlorophenol (o-Chlorophenol)	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U	1	U
2-Methyl-naphthlalene	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U	1	U
2-Methylphenol (o-Cresol)	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U	1	U
2-Nitroaniline (o-Nitroaniline)	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U	1	U
2-Nitrophenol (o-Nitrophenol)	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U	1	U
3,3'-Dichlorobenzidine	ug/l	NA		NA		NA		2	U	2	U	2	U	2	U	2	U
3-Nitroaniline	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U	1	U
4,6-Dinitro-2-methylphenol (4,6-Dinitro-o-cresol)	ug/l	NA		NA		NA		5	U	5	U	5	U	5	U	5	U
4-Bromophenylphenylether	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U	1	U
4-Chloroaniline	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U	1	U
4-Chlorophenyl phenyl ether	ug/l	NA		NA		NA		2	U	2	U	2	U	2	U	2	U
4-Nitroaniline	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U	1	U
4-Nitrophenol	ug/l	NA		NA		NA		10	U	10	U	10	U	10	U	10	U
Acenaphthene	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U	1	U
Acenaphthylene	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U	1	U
Anthracene	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U	1	U
Benzene	ug/l	0	U	0	U	0	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Benzo(a)anthracene	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U	1	U
Benzo(a)Pyrene	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U	1	U
Benzo(b)Fluoranthene	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U	1	U
Benzo(g,h,i)perylene	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U	1	U
Benzo(k)Fluoranthene	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U	1	U
bis(2-Chloroethoxy)methane	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U	1	U
bis(2-Chloroethyl) ether	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U	1	U
Bis(2-chloroisopropyl) ether	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U	1	U
bis(2-Ethylhexyl)phthalate	ug/l	NA		NA		NA		2	U	2	U	2	U	2	U	2	U
Bromodichloromethane	ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U	1	U
Bromoform	ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U	1	U
Bromomethane (Methyl bromide)	ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U	1	U
Butylbenzylphthalate	ug/l	NA		NA		NA		2	U	2	U	2	U	2	U	2	U

HISTORICAL GROUNDWATER ANALYTICAL TABLE RECREATION AREA AND TANK FARM RCRA MONITORING WELLS FORMER CHEVRON RESEARCH FACILITY GLENHAM, NEW YORK

	Field Sample ID	DB-08A-0-0-06152000-W		DB-8A-032004		DB-8A-072004		DB-108A		DB-8A		DB-8A-111506		DB-8A-082107		DB-8A-112807	
	Location	DB-8A		DB-8A		DB-8A		DB-8A		DB-8A		DB-8A		DB-8A		DB-8A	
	Sample Date	6/15/2000		3/1/2004		7/1/2004		6/8/2006		6/8/2006		11/15/2006		8/21/2007		11/28/2007	
	Sample Purpose	Regular sample		Regular sample		Regular sample		Field Duplicate		Regular sample		Regular sample		Regular sample		Regular sample	
Parameter Name	**Units**																
Carbazole	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U	1	U
Carbon Tetrachloride	ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U	1	U
Chlorobenzene	ug/l	0	U	0	U	0	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U
Chloroethane	ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U	1	U
Chloroform	ug/l	0.8		0	U	0	U	0.8	U	0.8	U	1	J	1	J	2	J
Chloromethane (Methyl chloride)	ug/l	0	U	0	U	0	U	1	U	1	U	1	UJ	1	U	1	UJ
Chrysene	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U	1	U
cis-1,3-Dichloropropene	ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U	1	U
Di-n-butylphthalate	ug/l	NA		NA		NA		2	U	2	U	2	U	2	U	2	U
Di-n-octylphthalate	ug/l	NA		NA		NA		2	U	2	U	2	U	2	U	2	U
Dibenz(a,h)anthracene	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U	1	U
Dibenzofuran	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U	1	U
Dibromochloromethane	ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U	1	U
Diethylphthalate	ug/l	NA		NA		NA		2	U	2	U	2	U	2	U	2	U
Dimethylphthalate	ug/l	NA		NA		NA		2	U	2	U	2	U	2	U	2	U
Ethylbenzene	ug/l	0	U	0	U	0	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U
Fluoranthene	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U	1	U
Fluorene	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U	1	U
Hexachlorobenzene	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U	1	U
Hexachlorobutadiene	ug/l	NA		NA		NA		6		5		6		5	J	4	J
Hexachlorocyclopentadiene	ug/l	NA		NA		NA		5	U	5	U	5	U	5	U	5	U
Hexachloroethane	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U	1	U
Indeno(1,2,3-cd)pyrene	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U	1	U
Isophorone	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U	1	U
Lead	mg/l	0.0486		0.00083		0.0057		0.0069	U	0.0069	U	0.0069	U	0.0069	U	0.0095	J
Methyl-t-butyl ether	ug/l	NA		NA		NA		0.5	U	0.5	U	0.5	U	NA		0.5	U
Methylene chloride (Dichloromethane)	ug/l	0	U	0	U	0	U	2	U	2	U	2	U	2	U	2	U
N-Nitrosodi-n-propylamine	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U	1	U
N-Nitrosodiphenylamine (Diphenylamine)	ug/l	NA		NA		NA		2	U	2	U	2	U	2	U	2	U
Naphthalene	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U	1	U
Nitrobenzene	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U	1	U
p-Chloro-m-cresol	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U	1	U
p-Cresol	ug/l	NA		NA		NA		2	U	2	U	2	U	2	U	2	U
Pentachlorophenol	ug/l	NA		NA		NA		3	U	3	U	3	U	3	U	3	U
Phenanthrene	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U	1	U
Phenol	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U	1	U
Pyrene	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U	1	U
Tetrachloroethene	ug/l	0	U	0	U	0	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U
Toluene	ug/l	0	U	0	U	0	U	0.7	U	0.7	U	0.7	U	0.7	U	0.7	U
trans-1,3-Dichloropropene	ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U	1	U
Trichloroethene (Trichloroethylene)	ug/l	26		2.2		10		14		13		11		13		6	
Trichlorofluoromethane (Freon 11)	ug/l	0	U	0	U	0	U	2	U	2	U	2	U	2	U	2	U
Trihalomethanes, Total	ug/l	0	U	0	U	0	U	NA		NA		NA		NA		NA	
Vinyl chloride (Chloroethene)	ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U	1	U
Xylenes, Total	ug/l	0	U	0	U	0	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U

NOTES:

NA - Not Analyzed

U - The analyte was analyzed, but not detected. The associated numerical value is at or below the method detection limit.

J - The analyte was positively identified, but the quantitation is an estimation.

(1) - Results reported as zero are historical values that did not have documented detection limits.

HISTORICAL GROUNDWATER ANALYTICAL TABLE RECREATION AREA AND TANK FARM RCRA MONITORING WELLS FORMER CHEVRON RESEARCH FACILITY GLENHAM, NEW YORK

	Field Sample ID	DC-01-0-0-06152000-W		DC-1-032004		DC-1-072004		DC-1		DC-1-111506		DC-1-082207		DC-1-112807		
	Location	DC-1		DC-1		DC-1		DC-1		DC-1		DC-1		DC-1		
	Sample Date	6/15/2000		3/1/2004		7/1/2004		6/8/2006		11/15/2006		8/22/2007		11/28/2007		
	Sample Purpose	Regular sample		Regular sample		Regular sample		Regular sample		Regular sample		Regular sample		Regular sample		
Parameter Name	**Units**															
1,1,1-Trichloroethane	ug/l	0.5		0	U	0	U	0.8	U	0.8	U	0.8	U	0.8	U	
1,1,2,2-Tetrachloroethane	ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U	
1,1,2-Trichloroethane	ug/l	0	U	0	U	0	U	0.8	U	0.8	U	0.8	U	0.8	U	
1,1-Dichloroethane	ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U	
1,1-Dichloroethene (Dichloroethylene)	ug/l	0	U	0	U	0	U	0.8	U	0.8	U	0.8	U	0.8	U	
1,2,4-Trichlorobenzene	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U	
1,2-Dichlorobenzene (o-Dichlorobenzene)	ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U	
1,2-Dichloroethane	ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U	
1,2-Dichloroethene	ug/l	17		11		13		7		7		0.8	U	7		
1,2-Dichloropropane	ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U	
1,3-Dichlorobenzene	ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U	
1,4-Dichlorobenzene	ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U	
2,4,5-Trichlorophenol	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U	
2,4,6-Trichlorophenol	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U	
2,4-Dichlorophenol	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U	
2,4-Dimethylphenol	ug/l	NA		NA		NA		3	U	3	U	3	U	3	U	
2,4-Dinitrophenol	ug/l	NA		NA		NA		19	U	19	U	22	U	22	U	
2,4-Dinitrotoluene	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U	
2,6-Dinitrotoluene	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U	
2-Chloroethyl vinyl ether	ug/l	0	U	0	U	0	U	2	U	2	U	2	U	2	U	
2-Chloronaphthalene	ug/l	NA		NA		NA		2	U	2	U	2	U	2	U	
2-Chlorophenol (o-Chlorophenol)	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U	
2-Methyl-naphthlalene	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U	
2-Methylphenol (o-Cresol)	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U	
2-Nitroaniline (o-Nitroaniline)	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U	
2-Nitrophenol (o-Nitrophenol)	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U	
3,3'-Dichlorobenzidine	ug/l	NA		NA		NA		2	U	2	U	2	U	2	U	
3-Nitroaniline	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U	
4,6-Dinitro-2-methylphenol (4,6-Dinitro-o-cresol)	ug/l	NA		NA		NA		5	U	5	U	5	U	5	U	
4-Bromophenylphenylether	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U	
4-Chloroaniline	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U	
4-Chlorophenyl phenyl ether	ug/l	NA		NA		NA		2	U	2	U	2	U	2	U	
4-Nitroaniline	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U	
4-Nitrophenol	ug/l	NA		NA		NA		10	U	10	U	11	U	11	U	
Acenaphthene	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U	
Acenaphthylene	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U	
Anthracene	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U	
Benzene	ug/l	0	U	0	U	0	U	0.5	U	0.5	U	0.5	U	0.5	U	
Benzo(a)anthracene	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U	
Benzo(a)Pyrene	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U	
Benzo(b)Fluoranthene	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U	
Benzo(g,h,i)perylene	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U	
Benzo(k)Fluoranthene	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U	
bis(2-Chloroethoxy)methane	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U	
bis(2-Chloroethyl) ether	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U	
Bis(2-chloroisopropyl) ether	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U	
bis(2-Ethylhexyl)phthalate	ug/l	NA		NA		NA		2	U	2	U	2	U	2	U	
Bromodichloromethane	ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U	
Bromoform	ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U	
Bromomethane (Methyl bromide)	ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U	

HISTORICAL GROUNDWATER ANALYTICAL TABLE RECREATION AREA AND TANK FARM RCRA MONITORING WELLS FORMER CHEVRON RESEARCH FACILITY GLENHAM, NEW YORK

	Field Sample ID	DC-01-0-0-06152000-W		DC-1-032004		DC-1-072004		DC-1		DC-1-111506		DC-1-082207		DC-1-112807	
	Location	DC-1		DC-1		DC-1		DC-1		DC-1		DC-1		DC-1	
	Sample Date	6/15/2000		3/1/2004		7/1/2004		6/8/2006		11/15/2006		8/22/2007		11/28/2007	
	Sample Purpose	Regular sample		Regular sample		Regular sample		Regular sample		Regular sample		Regular sample		Regular sample	
Parameter Name	**Units**														
Butylbenzylphthalate	ug/l	NA		NA		NA		2	U	2	U	2	U	2	U
Carbazole	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
Carbon Tetrachloride	ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U
Chlorobenzene	ug/l	0	U	0	U	0	U	0.8	U	0.8	U	0.8	U	0.8	U
Chloroethane	ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U
Chloroform	ug/l	0.8		0.6	J	1.1		0.8	U	0.8	U	0.8	U	0.8	U
Chloromethane (Methyl chloride)	ug/l	0	U	0	U	0	U	1	U	1	UJ	1	U	1	UJ
Chrysene	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
cis-1,3-Dichloropropene	ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U
Di-n-butylphthalate	ug/l	NA		NA		NA		2	U	2	U	2	U	2	U
Di-n-octylphthalate	ug/l	NA		NA		NA		2	U	2	U	2	U	2	U
Dibenz(a,h)anthracene	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
Dibenzofuran	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
Dibromochloromethane	ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U
Diethylphthalate	ug/l	NA		NA		NA		2	U	2	U	2	U	2	U
Dimethylphthalate	ug/l	NA		NA		NA		2	U	2	U	2	U	2	U
Ethylbenzene	ug/l	0	U	0	U	0	U	0.8	U	0.8	U	0.8	U	0.8	U
Fluoranthene	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
Fluorene	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
Hexachlorobenzene	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
Hexachlorobutadiene	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
Hexachlorocyclopentadiene	ug/l	NA		NA		NA		5	U	5	U	5	U	5	U
Hexachloroethane	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
Indeno(1,2,3-cd)pyrene	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
Isophorone	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
Lead	mg/l	0.0535		0.0092		0.0338		0.0069	U	0.0071	J	0.044		0.0157	
Methyl-t-butyl ether	ug/l	NA		NA		NA		0.5	U	0.5	U	NA		0.5	U
Methylene chloride (Dichloromethane)	ug/l	0	U	0	U	0.8	J	2	U	2	U	2	U	2	U
N-Nitrosodi-n-propylamine	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
N-Nitrosodiphenylamine (Diphenylamine)	ug/l	NA		NA		NA		2	U	2	U	2	U	2	U
Naphthalene	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
Nitrobenzene	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
p-Chloro-m-cresol	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
p-Cresol	ug/l	NA		NA		NA		2	U	2	U	2	U	2	U
Pentachlorophenol	ug/l	NA		NA		NA		3	U	3	U	3	U	3	U
Phenanthrene	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
Phenol	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
Pyrene	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
Tetrachloroethene	ug/l	0	U	0	U	0	U	0.8	U	0.8	U	0.8	U	0.8	U
Toluene	ug/l	0	U	0	U	0	U	0.7	U	0.7	U	0.7	U	0.7	U
trans-1,3-Dichloropropene	ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U
Trichloroethene (Trichloroethylene)	ug/l	23		11		16		11		12		9		11	
Trichlorofluoromethane (Freon 11)	ug/l	0	U	0	U	0	U	2	U	2	U	2	U	2	U
Trihalomethanes, Total	ug/l	0	U	0	U	1.1		NA		NA		NA		NA	
Vinyl chloride (Chloroethene)	ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U
Xylenes, Total	ug/l	0	U	0	U	0	U	0.8	U	0.8	U	0.8	U	0.8	U
		NOTES:		NA - Not Analyzed											
				U - The analyte was analyzed, but not detected. The associated numerical value is at or below the method detection limit.											
				J - The analyte was positively identified, but the quantitation is an estimation.											
				(1) - Results reported as zero are historical values that did not have documented detection limits.											

HISTORICAL GROUNDWATER ANALYTICAL TABLE RECREATION AREA AND TANK FARM RCRA MONITORING WELLS FORMER CHEVRON RESEARCH FACILITY GLENHAM, NEW YORK

	Field Sample ID	DB-17-0-0-06152000-W		DB-17-032004		DB-17		DB-17A								
	Location	DB-17		DB-17		DB-17		DB-17A								
	Sample Date	6/15/2000		3/1/2004		11/15/2006		6/8/2006								
	Sample Purpose	Regular sample		Regular sample		Regular sample		Regular sample								
Parameter Name	**Units**															
1,1,1-Trichloroethane	ug/l	0	U	0	U	0.8	U	0.8	U							
1,1,2,2-Tetrachloroethane	ug/l	0	U	0	U	1	U	1	U							
1,1,2-Trichloroethane	ug/l	0	U	0	U	0.8	U	0.8	U							
1,1-Dichloroethane	ug/l	0	U	0	U	1	U	1	U							
1,1-Dichloroethene (Dichloroethylene)	ug/l	0	U	0	U	0.8	U	0.8	U							
1,2,4-Trichlorobenzene	ug/l	NA		NA		1	U	1	U							
1,2-Dichlorobenzene (o-Dichlorobenzene)	ug/l	0	U	0	U	1	U	1	U							
1,2-Dichloroethane	ug/l	0	U	0	U	1	U	1	U							
1,2-Dichloroethene	ug/l	0	U	0	U	0.8	U	0.8	U							
1,2-Dichloropropane	ug/l	0	U	0	U	1	U	1	U							
1,3-Dichlorobenzene	ug/l	0	U	0	U	1	U	1	U							
1,4-Dichlorobenzene	ug/l	0	U	0	U	1	U	1	U							
2,4,5-Trichlorophenol	ug/l	NA		NA		1	U	1	U							
2,4,6-Trichlorophenol	ug/l	NA		NA		1	U	1	U							
2,4-Dichlorophenol	ug/l	NA		NA		1	U	1	U							
2,4-Dimethylphenol	ug/l	NA		NA		3	U	3	U							
2,4-Dinitrophenol	ug/l	NA		NA		19	U	20	U							
2,4-Dinitrotoluene	ug/l	NA		NA		1	U	1	U							
2,6-Dinitrotoluene	ug/l	NA		NA		1	U	1	U							
2-Chloroethyl vinyl ether	ug/l	0	U	0	U	2	U	2	U							
2-Chloronaphthalene	ug/l	NA		NA		2	U	2	U							
2-Chlorophenol (o-Chlorophenol)	ug/l	NA		NA		1	U	1	U							
2-Methyl-naphthlalene	ug/l	NA		NA		1	U	1	U							
2-Methylphenol (o-Cresol)	ug/l	NA		NA		1	U	1	U							
2-Nitroaniline (o-Nitroaniline)	ug/l	NA		NA		1	U	1	U							
2-Nitrophenol (o-Nitrophenol)	ug/l	NA		NA		1	U	1	U							
3,3'-Dichlorobenzidine	ug/l	NA		NA		2	U	2	U							
3-Nitroaniline	ug/l	NA		NA		1	U	1	U							
4,6-Dinitro-2-methylphenol (4,6-Dinitro-o-cresol)	ug/l	NA		NA		5	U	5	U							
4-Bromophenylphenylether	ug/l	NA		NA		1	U	1	U							
4-Chloroaniline	ug/l	NA		NA		1	U	1	U							
4-Chlorophenyl phenyl ether	ug/l	NA		NA		2	U	2	U							
4-Nitroaniline	ug/l	NA		NA		1	U	1	U							
4-Nitrophenol	ug/l	NA		NA		10	U	10	U							
Acenaphthene	ug/l	NA		NA		1	U	1	U							
Acenaphthylene	ug/l	NA		NA		1	U	1	U							
Anthracene	ug/l	NA		NA		1	U	1	U							
Benzene	ug/l	0	U	0	U	0.5	U	0.5	U							
Benzo(a)anthracene	ug/l	NA		NA		1	U	1	U							
Benzo(a)Pyrene	ug/l	NA		NA		1	U	1	U							
Benzo(b)Fluoranthene	ug/l	NA		NA		1	U	1	U							
Benzo(g,h,i)perylene	ug/l	NA		NA		1	U	1	U							
Benzo(k)Fluoranthene	ug/l	NA		NA		1	U	1	U							
bis(2-Chloroethoxy)methane	ug/l	NA		NA		1	U	1	U							
bis(2-Chloroethyl) ether	ug/l	NA		NA		1	U	1	U							
Bis(2-chloroisopropyl) ether	ug/l	NA		NA		1	U	1	U							
bis(2-Ethylhexyl)phthalate	ug/l	NA		NA		2	U	2	U							
Bromodichloromethane	ug/l	0	U	0	U	1	U	1	U							
Bromoform	ug/l	0	U	0	U	1	U	1	U							
Bromomethane (Methyl bromide)	ug/l	0	U	0	U	1	U	1	U							
Butylbenzylphthalate	ug/l	NA		NA		2	U	2	U							

HISTORICAL GROUNDWATER ANALYTICAL TABLE RECREATION AREA AND TANK FARM RCRA MONITORING WELLS FORMER CHEVRON RESEARCH FACILITY GLENHAM, NEW YORK

	Field Sample ID	DB-17-0-0-06152000-W		DB-17-032004		DB-17		DB-17A	
	Location	DB-17		DB-17		DB-17		DB-17A	
	Sample Date	6/15/2000		3/1/2004		11/15/2006		6/8/2006	
	Sample Purpose	Regular sample		Regular sample		Regular sample		Regular sample	
Parameter Name	**Units**								
Carbazole	ug/l	NA		NA		1	U	1	U
Carbon Tetrachloride	ug/l	0	U	0	U	1	U	1	U
Chlorobenzene	ug/l	0	U	0	U	0.8	U	0.8	U
Chloroethane	ug/l	0	U	0	U	1	U	1	U
Chloroform	ug/l	0	U	0	U	0.8	U	0.8	U
Chloromethane (Methyl chloride)	ug/l	0	U	0	U	1	UJ	1	U
Chrysene	ug/l	NA		NA		1	U	1	U
cis-1,3-Dichloropropene	ug/l	0	U	0	U	1	U	1	U
Di-n-butylphthalate	ug/l	NA		NA		2	U	2	U
Di-n-octylphthalate	ug/l	NA		NA		2	U	2	U
Dibenz(a,h)anthracene	ug/l	NA		NA		1	U	1	U
Dibenzofuran	ug/l	NA		NA		1	U	1	U
Dibromochloromethane	ug/l	0	U	0	U	1	U	1	U
Diethylphthalate	ug/l	NA		NA		2	U	2	U
Dimethylphthalate	ug/l	NA		NA		2	U	2	U
Ethylbenzene	ug/l	0	U	0	U	0.8	U	0.8	U
Fluoranthene	ug/l	NA		NA		1	U	1	U
Fluorene	ug/l	NA		NA		1	U	1	U
Hexachlorobenzene	ug/l	NA		NA		1	U	1	U
Hexachlorobutadiene	ug/l	NA		NA		1	U	1	U
Hexachlorocyclopentadiene	ug/l	NA		NA		5	U	5	U
Hexachloroethane	ug/l	NA		NA		1	U	1	U
Indeno(1,2,3-cd)pyrene	ug/l	NA		NA		1	U	1	U
Isophorone	ug/l	NA		NA		1	U	1	U
Lead	mg/l	0.0195		0.0532		0.0069	U	0.0069	U
Methyl-t-butyl ether	ug/l	NA		NA		0.5	U	0.5	U
Methylene chloride (Dichloromethane)	ug/l	0	U	0	U	2	U	2	U
N-Nitrosodi-n-propylamine	ug/l	NA		NA		1	U	1	U
N-Nitrosodiphenylamine (Diphenylamine)	ug/l	NA		NA		2	U	2	U
Naphthalene	ug/l	NA		NA		1	U	1	U
Nitrobenzene	ug/l	NA		NA		1	U	1	U
p-Chloro-m-cresol	ug/l	NA		NA		1	U	1	U
p-Cresol	ug/l	NA		NA		2	U	2	U
Pentachlorophenol	ug/l	NA		NA		3	U	3	U
Phenanthrene	ug/l	NA		NA		1	U	1	U
Phenol	ug/l	NA		NA		1	U	1	U
Pyrene	ug/l	NA		NA		1	U	1	U
Tetrachloroethene	ug/l	0	U	0	U	0.8	U	0.8	U
Toluene	ug/l	0	U	0	U	0.7	U	0.7	U
trans-1,3-Dichloropropene	ug/l	0	U	0	U	1	U	1	U
Trichloroethene (Trichloroethylene)	ug/l	0	U	0	U	1	U	1	U
Trichlorofluoromethane (Freon 11)	ug/l	0	U	0	U	2	U	2	U
Trihalomethanes, Total	ug/l	0	U	0	U	NA		1	U
Vinyl chloride (Chloroethene)	ug/l	0	U	0	U	1	U	0.8	U
Xylenes, Total	ug/l	0	U	0	U	0.8	U	NA	

NOTES:

NA - Not Analyzed

U - The analyte was analyzed, but not detected. The associated numerical value is at or below the method detection limit.

J - The analyte was positively identified, but the quantitation is an estimation.

(1) - Results reported as zero are historical values that did not have documented detection limits.

HISTORICAL GROUNDWATER ANALYTICAL TABLE RECREATION AREA AND TANK FARM RCRA MONITORING WELLS FORMER CHEVRON RESEARCH FACILITY GLENHAM, NEW YORK

	Field Sample ID	DC-02-0-0-06152000-W		DC-2-032004		DC-2-072004		DC-2		DC-2-111506		DC-2-082107		DC-2-112807	
	Location	DC-2		DC-2		DC-2		DC-2		DC-2		DC-2		DC-2	
	Sample Date	6/15/2000		3/1/2004		7/1/2004		6/7/2006		11/15/2006		8/21/2007		11/28/2007	
	Sample Purpose	Regular sample		Regular sample		Regular sample		Regular sample		Regular sample		Regular sample		Regular sample	
Parameter Name	**Units**														
1,1,1-Trichloroethane	ug/l	0	U	0	U	0	U	0.8	U	0.8	U	0.8	U	0.8	U
1,1,2,2-Tetrachloroethane	ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U
1,1,2-Trichloroethane	ug/l	0	U	0	U	0	U	0.8	U	0.8	U	0.8	U	0.8	U
1,1-Dichloroethane	ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U
1,1-Dichloroethene (Dichloroethylene)	ug/l	0	U	0	U	0	U	0.8	U	0.8	U	0.8	U	0.8	U
1,2,4-Trichlorobenzene	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
1,2-Dichlorobenzene (o-Dichlorobenzene)	ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U
1,2-Dichloroethane	ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U
1,2-Dichloroethene	ug/l	0	U	0	U	0	U	0.8	U	0.8	U	0.8	U	0.8	U
1,2-Dichloropropane	ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U
1,3-Dichlorobenzene	ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U
1,4-Dichlorobenzene	ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U
2,4,5-Trichlorophenol	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
2,4,6-Trichlorophenol	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
2,4-Dichlorophenol	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
2,4-Dimethylphenol	ug/l	NA		NA		NA		3	U	3	U	3	U	3	U
2,4-Dinitrophenol	ug/l	NA		NA		NA		20	U	19	U	20	U	20	U
2,4-Dinitrotoluene	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
2,6-Dinitrotoluene	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
2-Chloroethyl vinyl ether	ug/l	0	U	0	U	0	U	2	U	2	U	2	U	2	U
2-Chloronaphthalene	ug/l	NA		NA		NA		2	U	2	U	2	U	2	U
2-Chlorophenol (o-Chlorophenol)	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
2-Methyl-naphthlalene	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
2-Methylphenol (o-Cresol)	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
2-Nitroaniline (o-Nitroaniline)	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
2-Nitrophenol (o-Nitrophenol)	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
3,3'-Dichlorobenzidine	ug/l	NA		NA		NA		2	U	2	U	2	U	2	U
3-Nitroaniline	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
4,6-Dinitro-2-methylphenol (4,6-Dinitro-o-cresol)	ug/l	NA		NA		NA		5	U	5	U	5	U	5	U
4-Bromophenylphenylether	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
4-Chloroaniline	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
4-Chlorophenyl phenyl ether	ug/l	NA		NA		NA		2	U	2	U	2	U	2	U
4-Nitroaniline	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
4-Nitrophenol	ug/l	NA		NA		NA		10	U	10	U	10	U	10	U
Acenaphthene	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
Acenaphthylene	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
Anthracene	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
Benzene	ug/l	0	U	0	U	0	U	0.5	U	0.5	U	0.5	U	0.5	U
Benzo(a)anthracene	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
Benzo(a)Pyrene	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
Benzo(b)Fluoranthene	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
Benzo(g,h,i)perylene	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
Benzo(k)Fluoranthene	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
bis(2-Chloroethoxy)methane	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
bis(2-Chloroethyl) ether	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
Bis(2-chloroisopropyl) ether	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
bis(2-Ethylhexyl)phthalate	ug/l	NA		NA		NA		2	U	2	U	2	U	2	U
Bromodichloromethane	ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U
Bromoform	ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U
Bromomethane (Methyl bromide)	ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U

HISTORICAL GROUNDWATER ANALYTICAL TABLE RECREATION AREA AND TANK FARM RCRA MONITORING WELLS FORMER CHEVRON RESEARCH FACILITY GLENHAM, NEW YORK

	Field Sample ID	DC-02-0-0-06152000-W		DC-2-032004		DC-2-072004		DC-2		DC-2-111506		DC-2-082107		DC-2-112807	
	Location	DC-2		DC-2		DC-2		DC-2		DC-2		DC-2		DC-2	
	Sample Date	6/15/2000		3/1/2004		7/1/2004		6/7/2006		11/15/2006		8/21/2007		11/28/2007	
	Sample Purpose	Regular sample		Regular sample		Regular sample		Regular sample		Regular sample		Regular sample		Regular sample	
Parameter Name	**Units**														
Butylbenzylphthalate	ug/l	NA		NA		NA		2	U	2	U	2	U	2	U
Carbazole	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
Carbon Tetrachloride	ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U
Chlorobenzene	ug/l	0	U	0	U	0	U	0.8	U	0.8	U	0.8	U	0.8	U
Chloroethane	ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U
Chloroform	ug/l	0	U	0	U	0	U	0.8	U	0.8	U	0.8	U	0.8	U
Chloromethane (Methyl chloride)	ug/l	0	U	0	U	0	U	1	U	1	UJ	1	U	1	UJ
Chrysene	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
cis-1,3-Dichloropropene	ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U
Di-n-butylphthalate	ug/l	NA		NA		NA		2	U	2	U	2	U	2	U
Di-n-octylphthalate	ug/l	NA		NA		NA		2	U	2	U	2	U	2	U
Dibenz(a,h)anthracene	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
Dibenzofuran	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
Dibromochloromethane	ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U
Diethylphthalate	ug/l	NA		NA		NA		2	U	2	U	2	U	2	U
Dimethylphthalate	ug/l	NA		NA		NA		2	U	2	U	2	U	2	U
Ethylbenzene	ug/l	0	U	0	U	0	U	0.8	U	0.8	U	0.8	U	0.8	U
Fluoranthene	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
Fluorene	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
Hexachlorobenzene	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
Hexachlorobutadiene	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
Hexachlorocyclopentadiene	ug/l	NA		NA		NA		5	U	5	U	5	U	5	U
Hexachloroethane	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
Indeno(1,2,3-cd)pyrene	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
Isophorone	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
Lead	mg/l	0.0364		0.00075		0.0031		0.0069	U	0.0069	U	0.0069	U	0.0161	
Methyl-t-butyl ether	ug/l	NA		NA		NA		0.5	U	0.5	U	NA		0.5	U
Methylene chloride (Dichloromethane)	ug/l	0	U	0	U	0	U	2	U	2	U	2	U	2	U
N-Nitrosodi-n-propylamine	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
N-Nitrosodiphenylamine (Diphenylamine)	ug/l	NA		NA		NA		2	U	2	U	2	U	2	U
Naphthalene	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
Nitrobenzene	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
p-Chloro-m-cresol	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
p-Cresol	ug/l	NA		NA		NA		2	U	2	U	2	U	2	U
Pentachlorophenol	ug/l	NA		NA		NA		3	U	3	U	3	U	3	U
Phenanthrene	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
Phenol	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
Pyrene	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
Tetrachloroethene	ug/l	0	U	0	U	0	U	0.8	U	0.8	U	0.8	U	0.8	U
Toluene	ug/l	0	U	0	U	0	U	0.8	J	0.7	U	0.7	U	0.7	U
trans-1,3-Dichloropropene	ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U
Trichloroethene (Trichloroethylene)	ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U
Trichlorofluoromethane (Freon 11)	ug/l	0	U	0	U	0	U	2	U	2	U	2	U	2	U
Trihalomethanes, Total	ug/l	0	U	0	U	0	U	NA		NA		NA		NA	
Vinyl chloride (Chloroethene)	ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U
Xylenes, Total	ug/l	0	U	0	U	0	U	0.8	U	0.8	U	0.8	U	0.8	U
		NOTES:		NA - Not Analyzed											
				U - The analyte was analyzed, but not detected. The associated numerical value is at or below the method detection limit.											
				J - The analyte was positively identified, but the quantitation is an estimation.											
				(1) - Results reported as zero are historical values that did not have documented detection limits.											

HISTORICAL GROUNDWATER ANALYTICAL TABLE RECREATION AREA AND TANK FARM RCRA MONITORING WELLS FORMER CHEVRON RESEARCH FACILITY GLENHAM, NEW YORK

	Field Sample ID	OR-02-0-0-06152000-W		OR-2-032004		OR-2-072004		OR-2		OR-2-111606		OR-2-082207		OR-2-112907	
	Location	OR-2		OR-2		OR-2		OR-2		OR-2		OR-2		OR-2	
	Sample Date	6/15/2000		3/1/2004		7/1/2004		6/9/2006		11/16/2006		8/22/2007		11/28/2007	
	Sample Purpose	Regular sample		Regular sample		Regular sample		Regular sample		Regular sample		Regular sample		Regular sample	
Parameter Name	**Units**														
1,1,1-Trichloroethane	ug/l	0	U	0	U	0	U	0.8	U	0.8	U	0.8	U	0.8	U
1,1,2,2-Tetrachloroethane	ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U
1,1,2-Trichloroethane	ug/l	0	U	0	U	0	U	0.8	U	0.8	U	0.8	U	0.8	U
1,1-Dichloroethane	ug/l	1		0	U	0	U	1	U	1	J	1	U	1	U
1,1-Dichloroethene (Dichloroethylene)	ug/l	0	U	0	U	0	U	0.8	U	0.8	U	0.8	U	0.8	U
1,2,4-Trichlorobenzene	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
1,2-Dichlorobenzene (o-Dichlorobenzene)	ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U
1,2-Dichloroethane	ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U
1,2-Dichloroethene	ug/l	0	U	0	U	0	U	0.8	U	0.8	U	0.8	U	0.8	U
1,2-Dichloropropane	ug/l	0	U	0.48		0.9	J	1	U	1	U	1	U	1	U
1,3-Dichlorobenzene	ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U
1,4-Dichlorobenzene	ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U
2,4,5-Trichlorophenol	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
2,4,6-Trichlorophenol	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
2,4-Dichlorophenol	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
2,4-Dimethylphenol	ug/l	NA		NA		NA		3	U	3	U	3	U	3	U
2,4-Dinitrophenol	ug/l	NA		NA		NA		20	U	19	U	21	U	20	U
2,4-Dinitrotoluene	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
2,6-Dinitrotoluene	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
2-Chloroethyl vinyl ether	ug/l	0	U	0	U	0	U	2	U	2	U	2	U	2	U
2-Chloronaphthalene	ug/l	NA		NA		NA		2	U	2	U	2	U	2	U
2-Chlorophenol (o-Chlorophenol)	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
2-Methyl-naphthlalene	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
2-Methylphenol (o-Cresol)	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
2-Nitroaniline (o-Nitroaniline)	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
2-Nitrophenol (o-Nitrophenol)	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
3,3'-Dichlorobenzidine	ug/l	NA		NA		NA		2	U	2	U	2	U	2	U
3-Nitroaniline	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
4,6-Dinitro-2-methylphenol (4,6-Dinitro-o-cresol)	ug/l	NA		NA		NA		5	U	5	U	5	U	5	U
4-Bromophenylphenylether	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
4-Chloroaniline	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
4-Chlorophenyl phenyl ether	ug/l	NA		NA		NA		2	U	2	U	2	U	2	U
4-Nitroaniline	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
4-Nitrophenol	ug/l	NA		NA		NA		10	U	10	U	10	U	10	U
Acenaphthene	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
Acenaphthylene	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
Anthracene	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
Benzene	ug/l	0	U	0	U	0	U	0.5	U	0.5	U	0.5	U	0.5	U
Benzo(a)anthracene	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
Benzo(a)Pyrene	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
Benzo(b)Fluoranthene	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
Benzo(g,h,i)perylene	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
Benzo(k)Fluoranthene	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
bis(2-Chloroethoxy)methane	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
bis(2-Chloroethyl) ether	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
Bis(2-chloroisopropyl) ether	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
bis(2-Ethylhexyl)phthalate	ug/l	NA		NA		NA		2	U	2	U	2	U	2	U
Bromodichloromethane	ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U
Bromoform	ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U
Bromomethane (Methyl bromide)	ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U

HISTORICAL GROUNDWATER ANALYTICAL TABLE RECREATION AREA AND TANK FARM RCRA MONITORING WELLS FORMER CHEVRON RESEARCH FACILITY GLENHAM, NEW YORK

	Field Sample ID	OR-02-0-0-06152000-W		OR-2-032004		OR-2-072004		OR-2		OR-2-111606		OR-2-082207		OR-2-112907	
	Location	OR-2		OR-2		OR-2		OR-2		OR-2		OR-2		OR-2	
	Sample Date	6/15/2000		3/1/2004		7/1/2004		6/9/2006		11/16/2006		8/22/2007		11/28/2007	
	Sample Purpose	Regular sample		Regular sample		Regular sample		Regular sample		Regular sample		Regular sample		Regular sample	
Parameter Name	**Units**														
Butylbenzylphthalate	ug/l	NA		NA		NA		2	U	2	U	2	U	2	U
Carbazole	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
Carbon Tetrachloride	ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U
Chlorobenzene	ug/l	0	U	0	U	0	U	0.8	U	0.8	U	0.8	U	0.8	U
Chloroethane	ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U
Chloroform	ug/l	0	U	0	U	0	U	0.8	U	0.8	U	0.8	U	0.8	U
Chloromethane (Methyl chloride)	ug/l	0	U	0	U	0	U	1	U	1	UJ	1	U	1	UJ
Chrysene	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
cis-1,3-Dichloropropene	ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U
Di-n-butylphthalate	ug/l	NA		NA		NA		2	U	2	U	2	U	2	U
Di-n-octylphthalate	ug/l	NA		NA		NA		2	U	2	U	2	U	2	U
Dibenz(a,h)anthracene	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
Dibenzofuran	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
Dibromochloromethane	ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U
Diethylphthalate	ug/l	NA		NA		NA		2	U	2	U	2	U	2	U
Dimethylphthalate	ug/l	NA		NA		NA		2	U	2	U	2	U	2	U
Ethylbenzene	ug/l	0	U	0	U	0	U	0.8	U	0.8	U	0.8	U	0.8	U
Fluoranthene	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
Fluorene	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
Hexachlorobenzene	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
Hexachlorobutadiene	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
Hexachlorocyclopentadiene	ug/l	NA		NA		NA		5	U	5	UJ	5	U	5	U
Hexachloroethane	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
Indeno(1,2,3-cd)pyrene	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
Isophorone	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
Lead	mg/l	0.0113		0		0.0059		0.0069	U	0.0069	U	0.0069	U	0.0069	U
Methyl-t-butyl ether	ug/l	NA		NA		NA		0.5	U	0.5	U	NA		0.5	U
Methylene chloride (Dichloromethane)	ug/l	0	U	0	U	0	U	2	U	2	U	2	U	2	U
N-Nitrosodi-n-propylamine	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
N-Nitrosodiphenylamine (Diphenylamine)	ug/l	NA		NA		NA		2	U	2	U	2	U	2	U
Naphthalene	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
Nitrobenzene	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
p-Chloro-m-cresol	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
p-Cresol	ug/l	NA		NA		NA		2	U	2	U	2	U	2	U
Pentachlorophenol	ug/l	NA		NA		NA		3	U	3	U	3	U	3	U
Phenanthrene	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
Phenol	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
Pyrene	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
Tetrachloroethene	ug/l	0	U	0	U	0	U	0.8	U	0.8	U	0.8	U	0.8	U
Toluene	ug/l	0	U	0	U	0	U	0.7	U	0.7	U	0.7	U	0.7	U
trans-1,3-Dichloropropene	ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U
Trichloroethene (Trichloroethylene)	ug/l	0.7		0	U	0	U	1	U	1	U	1	U	1	U
Trichlorofluoromethane (Freon 11)	ug/l	0	U	0	U	0	U	2	U	2	U	2	U	2	U
Trihalomethanes, Total	ug/l	0	U	0	U	0	U	NA		NA		NA		NA	
Vinyl chloride (Chloroethene)	ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U
Xylenes, Total	ug/l	0	U	0	U	0	U	0.8	U	0.8	U	0.8	U	0.8	U
		NOTES:		NA - Not Analyzed											
				U - The analyte was analyzed, but not detected. The associated numerical value is at or below the method detection limit.											
				J - The analyte was positively identified, but the quantitation is an estimation.											
				(1) - Results reported as zero are historical values that did not have documented detection limits.											

HISTORICAL GROUNDWATER ANALYTICAL TABLE RECREATION AREA AND TANK FARM RCRA MONITORING WELLS FORMER CHEVRON RESEARCH FACILITY GLENHAM, NEW YORK

	Field Sample ID	OR-03-0-0-06152000-W		OR-3-032004		OR-3-072004		OR-3		OR-3-111606		OR-3-082207		OR-3-112907	
	Location	OR-3		OR-3		OR-3		OR-3		OR-3		OR-3		OR-3	
	Sample Date	6/15/2000		3/1/2004		7/1/2004		6/9/2006		11/16/2006		8/22/2007		11/29/2007	
	Sample Purpose	Regular sample		Regular sample		Regular sample		Regular sample		Regular sample		Regular sample		Regular sample	
Parameter Name	**Units**														
1,1,1-Trichloroethane	ug/l	0	U	0	U	0	U	0.8	U	0.8	U	0.8	U	0.8	U
1,1,2,2-Tetrachloroethane	ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U
1,1,2-Trichloroethane	ug/l	0	U	0	U	0	U	0.8	U	0.8	U	0.8	U	0.8	U
1,1-Dichloroethane	ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U
1,1-Dichloroethene (Dichloroethylene)	ug/l	0	U	0	U	0	U	0.8	U	0.8	U	0.8	U	0.8	U
1,2,4-Trichlorobenzene	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
1,2-Dichlorobenzene (o-Dichlorobenzene)	ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U
1,2-Dichloroethane	ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U
1,2-Dichloroethene	ug/l	0	U	0	U	0	U	0.8	U	0.8	U	0.8	U	0.8	U
1,2-Dichloropropane	ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U
1,3-Dichlorobenzene	ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U
1,4-Dichlorobenzene	ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U
2,4,5-Trichlorophenol	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
2,4,6-Trichlorophenol	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
2,4-Dichlorophenol	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
2,4-Dimethylphenol	ug/l	NA		NA		NA		3	U	3	U	3	U	3	U
2,4-Dinitrophenol	ug/l	NA		NA		NA		21	U	19	U	20	U	21	U
2,4-Dinitrotoluene	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
2,6-Dinitrotoluene	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
2-Chloroethyl vinyl ether	ug/l	0	U	0	U	0	U	2	U	2	U	2	U	2	U
2-Chloronaphthalene	ug/l	NA		NA		NA		2	U	2	U	2	U	2	U
2-Chlorophenol (o-Chlorophenol)	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
2-Methyl-naphthlalene	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
2-Methylphenol (o-Cresol)	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
2-Nitroaniline (o-Nitroaniline)	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
2-Nitrophenol (o-Nitrophenol)	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
3,3'-Dichlorobenzidine	ug/l	NA		NA		NA		2	U	2	U	2	U	2	U
3-Nitroaniline	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
4,6-Dinitro-2-methylphenol (4,6-Dinitro-o-cresol)	ug/l	NA		NA		NA		5	U	5	U	5	U	5	U
4-Bromophenylphenylether	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
4-Chloroaniline	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
4-Chlorophenyl phenyl ether	ug/l	NA		NA		NA		2	U	2	U	2	U	2	U
4-Nitroaniline	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
4-Nitrophenol	ug/l	NA		NA		NA		10	U	10	U	10	U	10	U
Acenaphthene	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
Acenaphthylene	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
Anthracene	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
Benzene	ug/l	0	U	0	U	0	U	0.5	U	0.5	U	0.5	U	0.5	U
Benzo(a)anthracene	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
Benzo(a)Pyrene	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
Benzo(b)Fluoranthene	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
Benzo(g,h,i)perylene	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
Benzo(k)Fluoranthene	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
bis(2-Chloroethoxy)methane	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
bis(2-Chloroethyl) ether	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
Bis(2-chloroisopropyl) ether	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
bis(2-Ethylhexyl)phthalate	ug/l	NA		NA		NA		2	U	2	U	2	U	2	U
Bromodichloromethane	ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U
Bromoform	ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U
Bromomethane (Methyl bromide)	ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U

HISTORICAL GROUNDWATER ANALYTICAL TABLE RECREATION AREA AND TANK FARM RCRA MONITORING WELLS FORMER CHEVRON RESEARCH FACILITY GLENHAM, NEW YORK

	Field Sample ID	OR-03-0-0-06152000-W		OR-3-032004		OR-3-072004		OR-3		OR-3-111606		OR-3-082207		OR-3-112907	
	Location	OR-3		OR-3		OR-3		OR-3		OR-3		OR-3		OR-3	
	Sample Date	6/15/2000		3/1/2004		7/1/2004		6/9/2006		11/16/2006		8/22/2007		11/29/2007	
	Sample Purpose	Regular sample		Regular sample		Regular sample		Regular sample		Regular sample		Regular sample		Regular sample	
Parameter Name	**Units**														
Butylbenzylphthalate	ug/l	NA		NA		NA		2	U	2	U	2	U	2	U
Carbazole	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
Carbon Tetrachloride	ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U
Chlorobenzene	ug/l	0	U	0	U	0	U	0.8	U	0.8	U	0.8	U	0.8	U
Chloroethane	ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U
Chloroform	ug/l	0	U	0	U	0	U	0.8	U	0.8	U	0.8	U	0.8	U
Chloromethane (Methyl chloride)	ug/l	0	U	0	U	0	U	1	U	1	UJ	1	U	1	UJ
Chrysene	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
cis-1,3-Dichloropropene	ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U
Di-n-butylphthalate	ug/l	NA		NA		NA		2	U	2	U	2	U	2	U
Di-n-octylphthalate	ug/l	NA		NA		NA		2	U	2	U	2	U	2	U
Dibenz(a,h)anthracene	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
Dibenzofuran	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
Dibromochloromethane	ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U
Diethylphthalate	ug/l	NA		NA		NA		2	U	2	U	2	U	2	U
Dimethylphthalate	ug/l	NA		NA		NA		2	U	2	U	2	U	2	U
Ethylbenzene	ug/l	0	U	0	U	0	U	0.8	U	0.8	U	0.8	U	0.8	U
Fluoranthene	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
Fluorene	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
Hexachlorobenzene	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
Hexachlorobutadiene	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
Hexachlorocyclopentadiene	ug/l	NA		NA		NA		5	U	5	UJ	5	U	5	U
Hexachloroethane	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
Indeno(1,2,3-cd)pyrene	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
Isophorone	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
Lead	mg/l	0.0352		0.0023		0.0052		0.0069	U	0.0069	U	0.0069	U	0.0069	U
Methyl-t-butyl ether	ug/l	NA		NA		NA		0.5	U	0.5	U	NA		0.5	U
Methylene chloride (Dichloromethane)	ug/l	0	U	0	U	0	U	2	U	2	U	2	U	2	U
N-Nitrosodi-n-propylamine	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
N-Nitrosodiphenylamine (Diphenylamine)	ug/l	NA		NA		NA		2	U	2	U	2	U	2	U
Naphthalene	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
Nitrobenzene	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
p-Chloro-m-cresol	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
p-Cresol	ug/l	NA		NA		NA		2	U	2	U	2	U	2	U
Pentachlorophenol	ug/l	NA		NA		NA		3	U	3	U	3	U	3	U
Phenanthrene	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
Phenol	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
Pyrene	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
Tetrachloroethene	ug/l	0	U	0	U	0	U	0.8	U	0.8	U	0.8	U	0.8	U
Toluene	ug/l	0	U	0	U	0	U	0.7	U	0.7	U	0.7	U	0.7	U
trans-1,3-Dichloropropene	ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U
Trichloroethene (Trichloroethylene)	ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U
Trichlorofluoromethane (Freon 11)	ug/l	0	U	0	U	0	U	2	U	2	U	2	U	2	U
Trihalomethanes, Total	ug/l	0	U	0	U	0	U	NA		NA		NA		NA	
Vinyl chloride (Chloroethene)	ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U
Xylenes, Total	ug/l	0	U	0	U	0	U	0.8	U	0.8	U	0.8	U	0.8	U
		NOTES:		NA - Not Analyzed											
				U - The analyte was analyzed, but not detected. The associated numerical value is at or below the method detection limit.											
				J - The analyte was positively identified, but the quantitation is an estimation.											
				(1) - Results reported as zero are historical values that did not have documented detection limits.											

HISTORICAL GROUNDWATER ANALYTICAL TABLE RECREATION AREA AND TANK FARM RCRA MONITORING WELLS FORMER CHEVRON RESEARCH FACILITY GLENHAM, NEW YORK

	Field Sample ID	OS-02-0-0-06152000-W		OS-2-032004		OS-2-072004		OS-2		OS-2-111506		OS-2-082107		OS-2-112907	
	Location	OS-2		OS-2		OS-2		OS-2		OS-2		OS-2		OS-2	
	Sample Date	6/15/2000		3/1/2004		7/1/2004		6/9/2006		11/15/2006		8/21/2007		11/29/2007	
	Sample Purpose	Regular sample		Regular sample		Regular sample		Regular sample		Regular sample		Regular sample		Regular sample	
Parameter Name	**Units**														
1,1,1-Trichloroethane	ug/l	0	U	0	U	0	U	0.8	U	0.8	U	0.8	U	0.8	U
1,1,2,2-Tetrachloroethane	ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U
1,1,2-Trichloroethane	ug/l	0	U	0	U	0	U	0.8	U	0.8	U	0.8	U	0.8	U
1,1-Dichloroethane	ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U
1,1-Dichloroethene (Dichloroethylene)	ug/l	0	U	0	U	0	U	0.8	U	0.8	U	0.8	U	0.8	U
1,2,4-Trichlorobenzene	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
1,2-Dichlorobenzene (o-Dichlorobenzene)	ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U
1,2-Dichloroethane	ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U
1,2-Dichloroethene	ug/l	0	U	0	U	0	U	0.8	U	0.8	U	0.8	U	0.8	U
1,2-Dichloropropane	ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U
1,3-Dichlorobenzene	ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U
1,4-Dichlorobenzene	ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U
2,4,5-Trichlorophenol	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
2,4,6-Trichlorophenol	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
2,4-Dichlorophenol	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
2,4-Dimethylphenol	ug/l	NA		NA		NA		3	U	3	U	3	U	3	U
2,4-Dinitrophenol	ug/l	NA		NA		NA		21	U	19	U	20	U	20	U
2,4-Dinitrotoluene	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
2,6-Dinitrotoluene	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
2-Chloroethyl vinyl ether	ug/l	0	U	0	U	0	U	2	U	2	U	2	U	2	U
2-Chloronaphthalene	ug/l	NA		NA		NA		2	U	2	U	2	U	2	U
2-Chlorophenol (o-Chlorophenol)	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
2-Methyl-naphthlalene	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
2-Methylphenol (o-Cresol)	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
2-Nitroaniline (o-Nitroaniline)	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
2-Nitrophenol (o-Nitrophenol)	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
3,3'-Dichlorobenzidine	ug/l	NA		NA		NA		2	U	2	U	2	U	2	U
3-Nitroaniline	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
4,6-Dinitro-2-methylphenol (4,6-Dinitro-o-cresol)	ug/l	NA		NA		NA		5	U	5	U	5	U	5	U
4-Bromophenylphenylether	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
4-Chloroaniline	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
4-Chlorophenyl phenyl ether	ug/l	NA		NA		NA		2	U	2	U	2	U	2	U
4-Nitroaniline	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
4-Nitrophenol	ug/l	NA		NA		NA		11	U	10	U	10	U	10	U
Acenaphthene	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
Acenaphthylene	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
Anthracene	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
Benzene	ug/l	0	U	0	U	0	U	0.5	U	0.5	U	0.5	U	0.5	U
Benzo(a)anthracene	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
Benzo(a)Pyrene	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
Benzo(b)Fluoranthene	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
Benzo(g,h,i)perylene	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
Benzo(k)Fluoranthene	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
bis(2-Chloroethoxy)methane	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
bis(2-Chloroethyl) ether	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
Bis(2-chloroisopropyl) ether	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
bis(2-Ethylhexyl)phthalate	ug/l	NA		NA		NA		2	U	2	U	2	U	2	U
Bromodichloromethane	ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U
Bromoform	ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U
Bromomethane (Methyl bromide)	ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U

HISTORICAL GROUNDWATER ANALYTICAL TABLE RECREATION AREA AND TANK FARM RCRA MONITORING WELLS FORMER CHEVRON RESEARCH FACILITY GLENHAM, NEW YORK

	Field Sample ID	OS-02-0-0-06152000-W		OS-2-032004		OS-2-072004		OS-2		OS-2-111506		OS-2-082107		OS-2-112907	
	Location	OS-2		OS-2		OS-2		OS-2		OS-2		OS-2		OS-2	
	Sample Date	6/15/2000		3/1/2004		7/1/2004		6/9/2006		11/15/2006		8/21/2007		11/29/2007	
	Sample Purpose	Regular sample		Regular sample		Regular sample		Regular sample		Regular sample		Regular sample		Regular sample	
Parameter Name	**Units**														
Butylbenzylphthalate	ug/l	NA		NA		NA		2	U	2	U	2	U	2	U
Carbazole	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
Carbon Tetrachloride	ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U
Chlorobenzene	ug/l	0	U	0	U	0	U	0.8	U	0.8	U	0.8	U	0.8	U
Chloroethane	ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U
Chloroform	ug/l	0	U	0	U	0	U	0.8	U	0.8	U	0.8	U	0.8	U
Chloromethane (Methyl chloride)	ug/l	0	U	0	U	0	U	1	U	1	UJ	1	U	1	UJ
Chrysene	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
cis-1,3-Dichloropropene	ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U
Di-n-butylphthalate	ug/l	NA		NA		NA		2	U	2	U	2	U	2	U
Di-n-octylphthalate	ug/l	NA		NA		NA		2	U	2	U	2	U	2	U
Dibenz(a,h)anthracene	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
Dibenzofuran	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
Dibromochloromethane	ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U
Diethylphthalate	ug/l	NA		NA		NA		2	U	2	U	2	U	2	U
Dimethylphthalate	ug/l	NA		NA		NA		2	U	2	U	2	U	2	U
Ethylbenzene	ug/l	0	U	0	U	0	U	0.8	U	0.8	U	0.8	U	0.8	U
Fluoranthene	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
Fluorene	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
Hexachlorobenzene	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
Hexachlorobutadiene	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
Hexachlorocyclopentadiene	ug/l	NA		NA		NA		5	U	5	U	5	U	5	U
Hexachloroethane	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
Indeno(1,2,3-cd)pyrene	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
Isophorone	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
Lead	mg/l	0.0249		0		0.0007		0.0069	U	0.0069	U	0.0069	U	0.0069	U
Methyl-t-butyl ether	ug/l	NA		NA		NA		0.5	U	0.5	U	NA		0.5	U
Methylene chloride (Dichloromethane)	ug/l	0	U	0	U	0	U	2	U	2	U	2	U	2	U
N-Nitrosodi-n-propylamine	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
N-Nitrosodiphenylamine (Diphenylamine)	ug/l	NA		NA		NA		2	U	2	U	2	U	2	U
Naphthalene	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
Nitrobenzene	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
p-Chloro-m-cresol	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
p-Cresol	ug/l	NA		NA		NA		2	U	2	U	2	U	2	U
Pentachlorophenol	ug/l	NA		NA		NA		3	U	3	U	3	U	3	U
Phenanthrene	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
Phenol	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
Pyrene	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
Tetrachloroethene	ug/l	0	U	0	U	0	U	0.8	U	0.8	U	0.8	U	0.8	U
Toluene	ug/l	0	U	0	U	0	U	0.7	U	0.7	U	0.7	U	0.7	U
trans-1,3-Dichloropropene	ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U
Trichloroethene (Trichloroethylene)	ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U
Trichlorofluoromethane (Freon 11)	ug/l	0	U	0	U	0	U	2	U	2	U	2	U	2	U
Trihalomethanes, Total	ug/l	0	U	0	U	0	U	NA		NA		NA		NA	
Vinyl chloride (Chloroethene)	ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U
Xylenes, Total	ug/l	0	U	0	U	0	U	0.8	U	0.8	U	0.8	U	0.8	U
		NOTES:		NA - Not Analyzed											
				U - The analyte was analyzed, but not detected. The associated numerical value is at or below the method detection limit.											
				J - The analyte was positively identified, but the quantitation is an estimation.											
				(1) - Results reported as zero are historical values that did not have documented detection limits.											

HISTORICAL GROUNDWATER ANALYTICAL TABLE RECREATION AREA AND TANK FARM RCRA MONITORING WELLS FORMER CHEVRON RESEARCH FACILITY GLENHAM, NEW YORK

	Field Sample ID	OS-03-0-0-06152000-W		OS-3-032004		OS-3-072004		OS-3		OS-3-111506		OS-3-082107		OS-3-112907	
	Location	OS-3		OS-3		OS-3		OS-3		OS-3		OS-3		OS-3	
	Sample Date	6/15/2000		3/1/2004		7/1/2004		6/9/2006		11/15/2006		8/21/2007		11/29/2007	
	Sample Purpose	Regular sample		Regular sample		Regular sample		Regular sample		Regular sample		Regular sample		Regular sample	
Parameter Name	**Units**														
1,1,1-Trichloroethane	ug/l	0	U	0	U	0	U	0.8	U	0.8	U	0.8	U	0.8	U
1,1,2,2-Tetrachloroethane	ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U
1,1,2-Trichloroethane	ug/l	0	U	0	U	0	U	0.8	U	0.8	U	0.8	U	0.8	U
1,1-Dichloroethane	ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U
1,1-Dichloroethene (Dichloroethylene)	ug/l	0	U	0	U	0	U	0.8	U	0.8	U	0.8	U	0.8	U
1,2,4-Trichlorobenzene	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
1,2-Dichlorobenzene (o-Dichlorobenzene)	ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U
1,2-Dichloroethane	ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U
1,2-Dichloroethene	ug/l	0	U	0	U	0	U	0.8	U	0.8	U	0.8	U	0.8	U
1,2-Dichloropropane	ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U
1,3-Dichlorobenzene	ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U
1,4-Dichlorobenzene	ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U
2,4,5-Trichlorophenol	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
2,4,6-Trichlorophenol	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
2,4-Dichlorophenol	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
2,4-Dimethylphenol	ug/l	NA		NA		NA		3	U	3	U	3	U	3	U
2,4-Dinitrophenol	ug/l	NA		NA		NA		20	U	19	U	NA		19	U
2,4-Dinitrotoluene	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
2,6-Dinitrotoluene	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
2-Chloroethyl vinyl ether	ug/l	0	U	0	U	0	U	2	U	2	U	NA		2	U
2-Chloronaphthalene	ug/l	NA		NA		NA		2	U	2	U	2	U	2	U
2-Chlorophenol (o-Chlorophenol)	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
2-Methyl-naphthlalene	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
2-Methylphenol (o-Cresol)	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
2-Nitroaniline (o-Nitroaniline)	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
2-Nitrophenol (o-Nitrophenol)	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
3,3'-Dichlorobenzidine	ug/l	NA		NA		NA		2	U	2	U	2	U	2	U
3-Nitroaniline	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
4,6-Dinitro-2-methylphenol (4,6-Dinitro-o-cresol)	ug/l	NA		NA		NA		5	U	5	U	5	U	5	U
4-Bromophenylphenylether	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
4-Chloroaniline	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
4-Chlorophenyl phenyl ether	ug/l	NA		NA		NA		2	U	2	U	2	U	2	U
4-Nitroaniline	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
4-Nitrophenol	ug/l	NA		NA		NA		10	U	10	U	10	U	10	U
Acenaphthene	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
Acenaphthylene	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
Anthracene	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
Benzene	ug/l	0	U	0	U	0	U	0.5	U	0.5	U	0.5	U	0.5	U
Benzo(a)anthracene	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
Benzo(a)Pyrene	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
Benzo(b)Fluoranthene	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
Benzo(g,h,i)perylene	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
Benzo(k)Fluoranthene	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
bis(2-Chloroethoxy)methane	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
bis(2-Chloroethyl) ether	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
Bis(2-chloroisopropyl) ether	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
bis(2-Ethylhexyl)phthalate	ug/l	NA		NA		NA		2	U	2	U	2	U	2	U
Bromodichloromethane	ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U
Bromoform	ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U
Bromomethane (Methyl bromide)	ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U

HISTORICAL GROUNDWATER ANALYTICAL TABLE RECREATION AREA AND TANK FARM RCRA MONITORING WELLS FORMER CHEVRON RESEARCH FACILITY GLENHAM, NEW YORK

	Field Sample ID	OS-03-0-0-06152000-W		OS-3-032004		OS-3-072004		OS-3		OS-3-111506		OS-3-082107		OS-3-112907	
	Location	OS-3		OS-3		OS-3		OS-3		OS-3		OS-3		OS-3	
	Sample Date	6/15/2000		3/1/2004		7/1/2004		6/9/2006		11/15/2006		8/21/2007		11/29/2007	
	Sample Purpose	Regular sample		Regular sample		Regular sample		Regular sample		Regular sample		Regular sample		Regular sample	
Parameter Name	**Units**														
Butylbenzylphthalate	ug/l	NA		NA		NA		2	U	2	U	2	U	2	U
Carbazole	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
Carbon Tetrachloride	ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U
Chlorobenzene	ug/l	0	U	0	U	0	U	0.8	U	0.8	U	0.8	U	0.8	U
Chloroethane	ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U
Chloroform	ug/l	0	U	0	U	0	U	0.8	U	0.8	U	0.8	U	0.8	U
Chloromethane (Methyl chloride)	ug/l	0	U	0	U	0	U	1	U	1	UJ	1	U	1	UJ
Chrysene	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
cis-1,3-Dichloropropene	ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U
Di-n-butylphthalate	ug/l	NA		NA		NA		2	U	2	U	2	U	2	U
Di-n-octylphthalate	ug/l	NA		NA		NA		2	U	2	U	2	U	2	U
Dibenz(a,h)anthracene	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
Dibenzofuran	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
Dibromochloromethane	ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U
Diethylphthalate	ug/l	NA		NA		NA		2	U	2	U	2	U	2	U
Dimethylphthalate	ug/l	NA		NA		NA		2	U	2	U	2	U	2	U
Ethylbenzene	ug/l	0	U	0	U	0	U	0.8	U	0.8	U	0.8	U	0.8	U
Fluoranthene	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
Fluorene	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
Hexachlorobenzene	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
Hexachlorobutadiene	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
Hexachlorocyclopentadiene	ug/l	NA		NA		NA		5	U	5	U	5	U	5	U
Hexachloroethane	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
Indeno(1,2,3-cd)pyrene	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
Isophorone	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
Lead	mg/l	0.0139		0		0.0007		0.0069	U	0.0069	U	0.0069	U	0.0069	U
Methyl-t-butyl ether	ug/l	NA		NA		NA		0.5	U	0.5	U	NA		0.5	U
Methylene chloride (Dichloromethane)	ug/l	0	U	0	U	0	U	2	U	2	U	2	U	2	U
N-Nitrosodi-n-propylamine	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
N-Nitrosodiphenylamine (Diphenylamine)	ug/l	NA		NA		NA		2	U	2	U	2	U	2	U
Naphthalene	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
Nitrobenzene	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
p-Chloro-m-cresol	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
p-Cresol	ug/l	NA		NA		NA		2	U	2	U	2	U	2	U
Pentachlorophenol	ug/l	NA		NA		NA		3	U	3	U	3	U	3	U
Phenanthrene	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
Phenol	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
Pyrene	ug/l	NA		NA		NA		1	U	1	U	1	U	1	U
Tetrachloroethene	ug/l	0	U	0	U	0	U	0.8	U	0.8	U	0.8	U	0.8	U
Toluene	ug/l	0	U	0	U	0	U	0.7	U	0.7	U	0.7	U	0.7	U
trans-1,3-Dichloropropene	ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U
Trichloroethene (Trichloroethylene)	ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U
Trichlorofluoromethane (Freon 11)	ug/l	0	U	0	U	0	U	2	U	2	U	2	U	2	U
Trihalomethanes, Total	ug/l	0	U	0	U	0	U	NA		NA		NA		NA	
Vinyl chloride (Chloroethene)	ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U
Xylenes, Total	ug/l	0	U	0	U	0	U	0.8	U	0.8	U	0.8	U	0.8	U
		NOTES:		NA - Not Analyzed											
				U - The analyte was analyzed, but not detected. The associated numerical value is at or below the method detection limit.											
				J - The analyte was positively identified, but the quantitation is an estimation.											
				(1) - Results reported as zero are historical values that did not have documented detection limits.											

HISTORICAL GROUNDWATER ANALYTICAL TABLE RECREATION AREA AND TANK FARM RCRA MONITORING WELLS FORMER CHEVRON RESEARCH FACILITY GLENHAM, NEW YORK

	Field Sample ID	TF-05-0-0-04272000-W		TF-05-0-0-06152000-W		TF-05-0-0-04302001-W		TF-5-032004		TF-5-072004		TF-5		TF-105		TF-5-111506		TF-5-082107		TF-5-112807	
	Location	TF-5		TF-5		TF-5		TF-5		TF-5		TF-5		TF-5		TF-5		TF-5		TF-5	
	Sample Date	4/27/2000		6/15/2000		4/30/2001		3/1/2004		7/1/2004		6/6/2006		11/15/2006		11/15/2006		8/21/2007		11/28/2007	
	Sample Purpose	Regular sample		Regular sample		Regular sample		Regular sample		Regular sample		Regular sample		Regular sample		Regular sample		Regular sample		Regular sample	
1,1,1-Trichloroethane	ug/l	NA		0	U	NA		0	U	0	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U
1,1,2,2-Tetrachloroethane	ug/l	NA		0	U	NA		0	U	0	U	1	U	1	U	1	U	1	U	1	U
1,1,2-Trichloroethane	ug/l	NA		0	U	NA		0	U	0	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U
1,1-Dichloroethane	ug/l	NA		0	U	NA		0	U	0	U	1	U	1	U	1	U	1	U	1	U
1,1-Dichloroethene (Dichloroethylene)	ug/l	NA		0	U	NA		0	U	0	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U
1,2,4-Trichlorobenzene	ug/l	0	U	NA		NA		NA		NA		1	U	1	U	1	U	1	U	1	U
1,2,4-Trimethylbenzene	ug/l	0	U	NA		1	U	NA		NA		NA		NA		NA		NA		NA	
1,2-Dichlorobenzene (o-Dichlorobenzene)	ug/l	0	U	0	U	NA		0	U	0	U	1	U	1	U	1	U	1	U	1	U
1,2-Dichloroethane	ug/l	NA		0	U	NA		0	U	0	U	1	U	1	U	1	U	1	U	1	U
1,2-Dichloroethene	ug/l	NA		0	U	NA		0	U	0	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U
1,2-Dichloropropane	ug/l	NA		0	U	NA		0	U	0	U	1	U	1	U	1	U	1	U	1	U
1,3,5-Trimethylbenzene	ug/l	0	U	NA		1	U	NA		NA		NA		NA		NA		NA		NA	
1,3-Dichlorobenzene	ug/l	0	U	0	U	NA		0	U	0	U	1	U	1	U	1	U	1	U	1	U
1,4-Dichlorobenzene	ug/l	0	U	0	U	NA		0	U	0	U	1	U	1	U	1	U	1	U	1	U
2,2'-oxybis(2-chloropropane)	ug/l	0	U	NA		NA		NA		NA		NA		NA		NA		NA		NA	
2,4,5-Trichlorophenol	ug/l	NA		NA		NA		NA		NA		1	U	1	U	1	U	1	U	1	U
2,4,6-Trichlorophenol	ug/l	NA		NA		NA		NA		NA		1	U	1	U	1	U	1	U	1	U
2,4-Dichlorophenol	ug/l	NA		NA		NA		NA		NA		1	U	1	U	1	U	1	U	1	U
2,4-Dimethylphenol	ug/l	NA		NA		NA		NA		NA		3	U	3	U	3	U	3	U	3	U
2,4-Dinitrophenol	ug/l	NA		NA		NA		NA		NA		19	U	19	U	19	U	20	U	21	U
2,4-Dinitrotoluene	ug/l	0	U	NA		NA		NA		NA		1	U	1	U	1	U	1	U	1	U
2,6-Dinitrotoluene	ug/l	NA		NA		NA		NA		NA		1	U	1	U	1	U	1	U	1	U
2-Chloroethyl vinyl ether	ug/l	NA		0	U	NA		0	U	0	U	2	U	2	U	2	U	2	U	2	U
2-Chloronaphthalene	ug/l	0	U	NA		NA		NA		NA		2	U	2	U	2	U	2	U	2	U
2-Chlorophenol (o-Chlorophenol)	ug/l	NA		NA		NA		NA		NA		1	U	1	U	1	U	1	U	1	U
2-Methyl-naphthlalene	ug/l	NA		NA		NA		NA		NA		1	U	1	U	1	U	1	U	1	U
2-Methylphenol (o-Cresol)	ug/l	NA		NA		NA		NA		NA		1	U	1	U	1	U	1	U	1	U
2-Nitroaniline (o-Nitroaniline)	ug/l	NA		NA		NA		NA		NA		1	U	1	U	1	U	1	U	1	U
2-Nitrophenol (o-Nitrophenol)	ug/l	NA		NA		NA		NA		NA		1	U	1	U	1	U	1	U	1	U
3,3'-Dichlorobenzidine	ug/l	0	U	NA		NA		NA		NA		2	U	2	U	2	U	2	U	2	U
3-Nitroaniline	ug/l	NA		NA		NA		NA		NA		1	U	1	U	1	U	1	U	1	U
4,6-Dinitro-2-methylphenol (4,6-Dinitro-o-cresol)	ug/l	NA		NA		NA		NA		NA		5	U	5	U	5	U	5	U	5	U
4-Bromophenylphenylether	ug/l	0	U	NA		NA		NA		NA		1	U	1	U	1	U	1	U	1	U
4-Chloroaniline	ug/l	NA		NA		NA		NA		NA		1	U	1	U	1	U	1	U	1	U
4-Chlorophenyl phenyl ether	ug/l	0	U	NA		NA		NA		NA		2	U	2	U	2	U	2	U	2	U
4-Isopropyltoluene	ug/l	0	U	NA		1	U	NA		NA		NA		NA		NA		NA		NA	
4-Nitroaniline	ug/l	NA		NA		NA		NA		NA		1	U	1	U	1	U	1	U	1	U
4-Nitrophenol	ug/l	NA		NA		NA		NA		NA		10	U	10	U	10	U	10	U	11	U
Acenaphthene	ug/l	0	U	NA		10	U	NA		NA		1	U	1	U	1	U	1	U	1	U
Acenaphthylene	ug/l	0	U	NA		NA		NA		NA		1	U	1	U	1	U	1	U	1	U
Anthracene	ug/l	0	U	NA		10	U	NA		NA		1	U	1	U	1	U	1	U	1	U
Benzene	ug/l	0	U	0	U	1	U	0	U	0	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Benzidine	ug/l	0	U	NA		NA		NA		NA		NA		NA		NA		NA		NA	
Benzo(a)anthracene	ug/l	0	U	NA		10	U	NA		NA		1	U	1	U	1	U	1	U	1	U
Benzo(a)Pyrene	ug/l	0	U	NA		10	U	NA		NA		1	U	1	U	1	U	1	U	1	U
Benzo(b)Fluoranthene	ug/l	0	U	NA		10	U	NA		NA		1	U	1	U	1	U	1	U	1	U

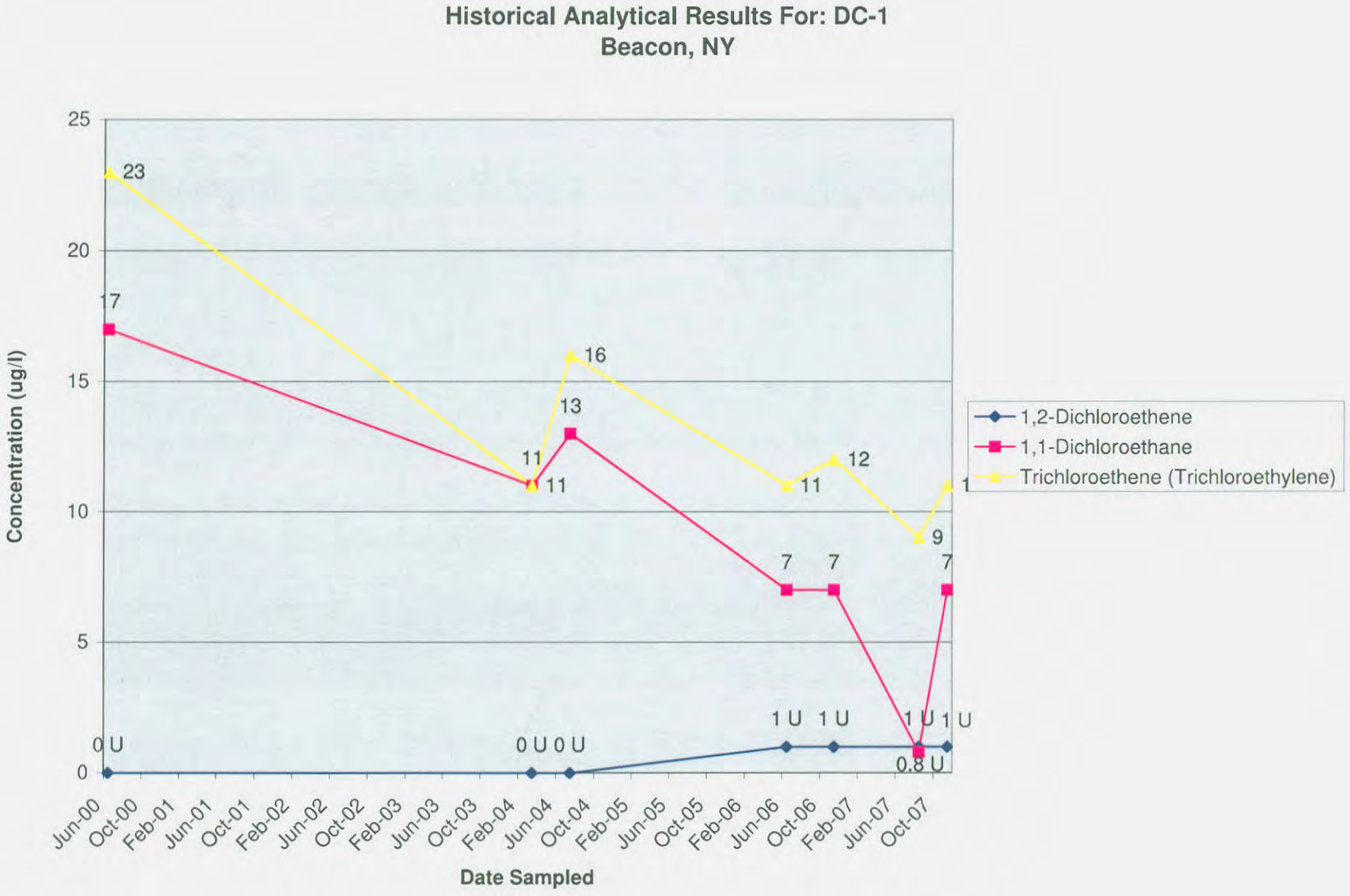
HISTORICAL GROUNDWATER ANALYTICAL TABLE RECREATION AREA AND TANK FARM RCRA MONITORING WELLS FORMER CHEVRON RESEARCH FACILITY GLENHAM, NEW YORK

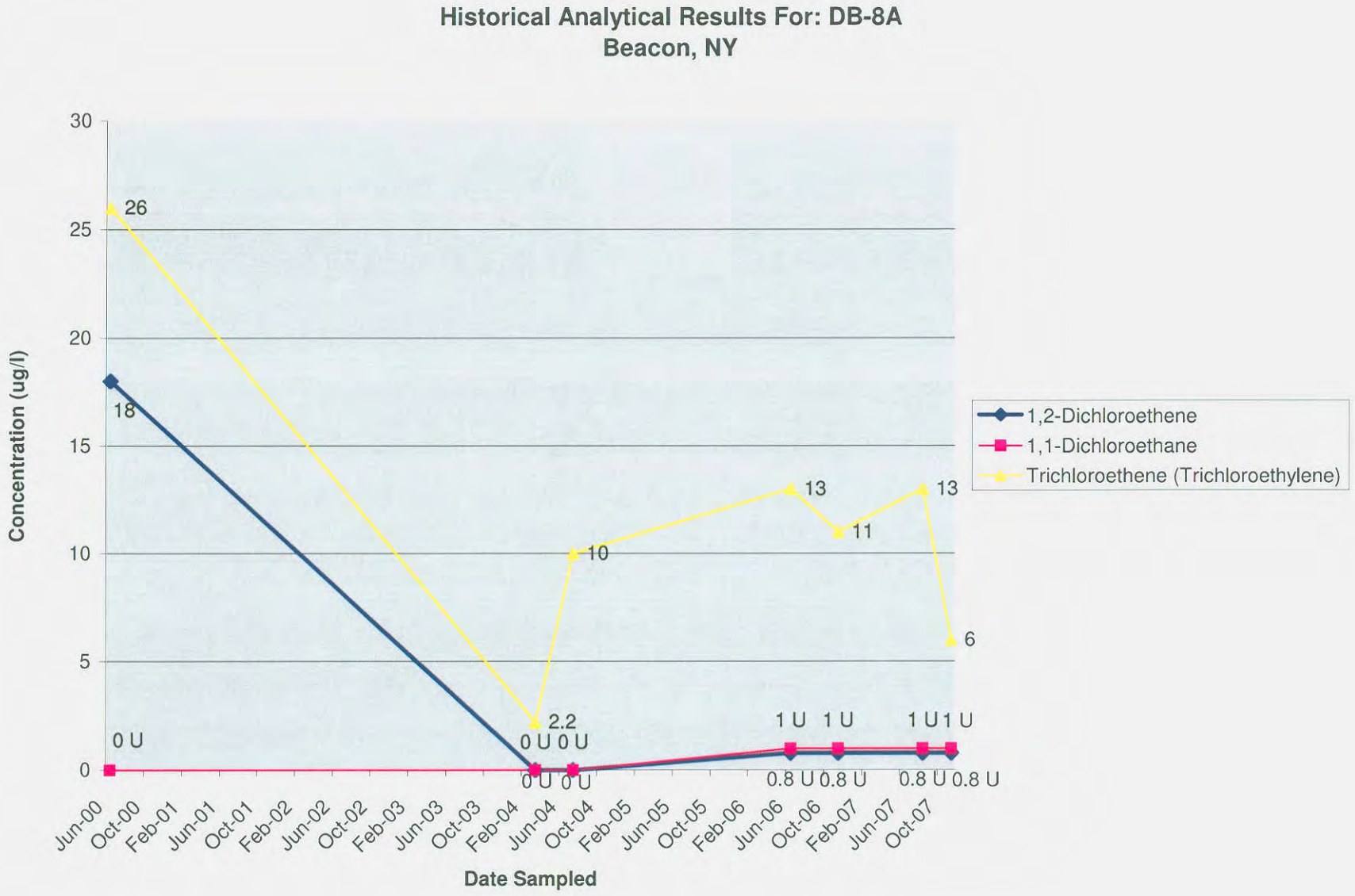
	Field Sample ID	TF-05-0-0-04272000-W		TF-05-0-0-06152000-W		TF-05-0-0-04302001-W		TF-5-032004		TF-5-072004		TF-5		TF-105		TF-5-111506		TF-5-082107		TF-5-112807	
	Location	TF-5		TF-5		TF-5		TF-5		TF-5		TF-5		TF-5		TF-5		TF-5		TF-5	
	Sample Date	4/27/2000		6/15/2000		4/30/2001		3/1/2004		7/1/2004		6/6/2006		11/15/2006		11/15/2006		8/21/2007		11/28/2007	
	Sample Purpose	Regular sample		Regular sample		Regular sample		Regular sample		Regular sample		Regular sample		Regular sample		Regular sample		Regular sample		Regular sample	
Benzo(g,h,i)perylene	ug/l	0	U	NA		10	U	NA		NA		1	U	1	U	1	U	1	U	1	U
Benzo(k)Fluoranthene	ug/l	0	U	NA		10	U	NA		NA		1	U	1	U	1	U	1	U	1	U
bis(2-Chloroethoxy)methane	ug/l	0	U	NA		NA		NA		NA		1	U	1	U	1	U	1	U	1	U
bis(2-Chloroethyl) ether	ug/l	0	U	NA		NA		NA		NA		1	U	1	U	1	U	1	U	1	U
Bis(2-chloroisopropyl) ether	ug/l	NA		NA		NA		NA		NA		1	U	1	U	1	U	1	U	1	U
bis(2-Ethylhexyl)phthalate	ug/l	0	U	NA		NA		NA		NA		2	U	2	U	2	U	2	U	2	U
Bromodichloromethane	ug/l	NA		0	U	NA		0	U	0	U	1	U	1	U	1	U	1	U	1	U
Bromoform	ug/l	NA		0	U	NA		0	U	0	U	1	U	1	U	1	U	1	U	1	U
Bromomethane (Methyl bromide)	ug/l	NA		0	U	NA		0	U	0	U	1	U	1	U	1	U	1	U	1	U
Butylbenzylphthalate	ug/l	0	U	NA		NA		NA		NA		2	U	2	U	2	U	2	U	2	U
Carbazole	ug/l	NA		NA		NA		NA		NA		1	U	1	U	1	U	1	U	1	U
Carbon Tetrachloride	ug/l	NA		0	U	NA		0	U	0	U	1	U	1	U	1	U	1	U	1	U
Chlorobenzene	ug/l	NA		0	U	NA		0	U	0	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U
Chloroethane	ug/l	NA		0	U	NA		0	U	0	U	1	U	1	U	1	UJ	1	U	1	U
Chloroform	ug/l	NA		0	U	NA		0	U	0	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U
Chloromethane (Methyl chloride)	ug/l	NA		0	U	NA		0	U	0	U	1	U	1	UJ	1	UJ	1	U	1	UJ
Chrysene	ug/l	0	U	NA		10	U	NA		NA		1	U	1	U	1	U	1	U	1	U
cis-1,3-Dichloropropene	ug/l	NA		0	U	NA		0	U	0	U	1	U	1	U	1	U	1	U	1	U
Di-n-butylphthalate	ug/l	0	U	NA		NA		NA		NA		2	U	2	U	2	U	2	U	2	U
Di-n-octylphthalate	ug/l	0	U	NA		NA		NA		NA		2	U	2	U	2	U	2	U	2	U
Dibenz(a,h)anthracene	ug/l	0	U	NA		10	U	NA		NA		1	U	1	U	1	U	1	U	1	U
Dibenzofuran	ug/l	NA		NA		NA		NA		NA		1	U	1	U	1	U	1	U	1	U
Dibromochloromethane	ug/l	NA		0	U	NA		0	U	0	U	1	U	1	U	1	U	1	U	1	U
Diethylphthalate	ug/l	0	U	NA		NA		NA		NA		2	U	2	U	2	U	2	U	2	U
Dimethylphthalate	ug/l	0	U	NA		NA		NA		NA		2	U	2	U	2	U	2	U	2	U
Ethylbenzene	ug/l	0	U	0	U	1	U	0	U	0	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U
Fluoranthene	ug/l	0	U	NA		10	U	NA		NA		1	U	1	U	1	U	1	U	1	U
Fluorene	ug/l	0	U	NA		10	U	NA		NA		1	U	1	U	1	U	1	U	1	U
Hexachlorobenzene	ug/l	0	U	NA		NA		NA		NA		1	U	1	U	1	U	1	U	1	U
Hexachlorobutadiene	ug/l	0	U	NA		NA		NA		NA		1	U	1	U	1	U	1	U	1	U
Hexachlorocyclopentadiene	ug/l	0	U	NA		NA		NA		NA		5	U	5	U	5	U	5	U	5	U
Hexachloroethane	ug/l	0	U	NA		NA		NA		NA		1	U	1	U	1	U	1	U	1	U
Indeno(1,2,3-cd)pyrene	ug/l	0	U	NA		10	U	NA		NA		1	U	1	U	1	U	1	U	1	U
Isophorone	ug/l	0	U	NA		NA		NA		NA		1	U	1	U	1	U	1	U	1	U
Isopropylbenzene	ug/l	0	U	NA		1	U	NA		NA		NA		NA		NA		NA		NA	
Lead	mg/l	NA		0.0631		NA		0.003		0.004		0.0069	U	0.007	J	0.0083	J	0.0069	U	0.0076	J

HISTORICAL GROUNDWATER ANALYTICAL TABLE RECREATION AREA AND TANK FARM RCRA MONITORING WELLS FORMER CHEVRON RESEARCH FACILITY GLENHAM, NEW YORK

	Field Sample ID	TF-05-0-0-04272000-W		TF-05-0-0-06152000-W		TF-05-0-0-04302001-W		TF-5-032004		TF-5-072004		TF-5		TF-105		TF-5-111506		TF-5-082107		TF-5-112807	
	Location	TF-5		TF-5		TF-5		TF-5		TF-5		TF-5		TF-5		TF-5		TF-5		TF-5	
	Sample Date	4/27/2000		6/15/2000		4/30/2001		3/1/2004		7/1/2004		6/6/2006		11/15/2006		11/15/2006		8/21/2007		11/28/2007	
	Sample Purpose	Regular sample		Regular sample		Regular sample		Regular sample		Regular sample		Regular sample		Regular sample		Regular sample		Regular sample		Regular sample	
Methyl-t-butyl ether	ug/l	0	U	NA		1	U	NA		NA		0.5	U	0.5	U	0.5	U	NA		0.5	U
Methylene chloride (Dichloromethane)	ug/l	NA		0	U	NA		0	U	0	U	2	U	2	U	2	U	2	U	2	U
n-Butylbenzene	ug/l	0	U	NA		1	U	NA		NA		NA		NA		NA		NA		NA	
N-Nitrosodi-n-propylamine	ug/l	0	U	NA		NA		NA		NA		1	U	1	U	1	U	1	U	1	U
N-Nitrosodiphenylamine (Diphenylamine)	ug/l	0	U	NA		NA		NA		NA		2	U	2	U	2	U	2	U	2	U
n-Propylbenzene	ug/L	0	U	NA		1	U	NA		NA		NA		NA		NA		NA		NA	
Naphthalene	ug/l	0	U	NA		10	U	NA		NA		1	U	1	U	1	U	1	U	1	U
Nitrobenzene	ug/l	0	U	NA		NA		NA		NA		1	U	1	U	1	U	1	U	1	U
o-Xylene	ug/L	NA		NA		8	J	NA		NA		NA		NA		NA		NA		NA	
p-Chloro-m-cresol	ug/l	NA		NA		NA		NA		NA		1	U	1	U	1	U	1	U	1	U
p-Cresol	ug/l	NA		NA		NA		NA		NA		2	U	2	U	2	U	2	U	2	U
Pentachlorophenol	ug/l	NA		NA		NA		NA		NA		3	U	3	U	3	U	3	U	3	U
Phenanthrene	ug/l	0	U	NA		10	U	NA		NA		1	U	1	U	1	U	1	U	1	U
Phenol	ug/l	NA		NA		NA		NA		NA		1	U	1	U	1	U	1	U	1	U
Pyrene	ug/l	0	U	NA		10	U	NA		NA		1	U	1	U	1	U	1	U	1	U
sec-Butylbenzene	ug/L	0	U	NA		1	U	NA		NA		NA		NA		NA		NA		NA	
t-Butylbenzene	ug/L	0	U	NA		1	U	NA		NA		NA		NA		NA		NA		NA	
Tetrachloroethene	ug/l	NA		0	U	NA		0	U	0	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U
Toluene	ug/l	0	U	0	U	1.2		0	U	0	U	0.7	U	0.7	U	0.7	U	0.7	U	0.7	U
trans-1,3-Dichloropropene	ug/l	NA		0	U	NA		0	U	0	U	1	U	1	U	1	U	1	U	1	U
Trichloroethene (Trichloroethylene)	ug/l	NA		0	U	NA		0	U	0	U	1	U	1	U	1	U	1	U	1	U
Trichlorofluoromethane (Freon 11)	ug/l	NA		0	U	NA		0	U	0	U	2	U	2	U	2	U	2	U	2	U
Trihalomethanes, Total	ug/l	NA		0	U	NA		0	U	0	U	NA		NA		NA		NA		NA	
Vinyl chloride (Chloroethene)	ug/l	NA		0	U	NA		0	U	0	U	1	U	1	U	1	U	1	U	1	U
Xylenes, Total	ug/l	0	U	0	U	1.1		0	U	0	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U

NOTES:
NA - Not Analyzed
U - The analyte was analyzed, but not detected. The associated numerical value is at or below the method detection limit.
J - The analyte was positively identified, but the quantitation is an estimation.
(1) - Results reported as zero are historical values that did not have documented detection limits.


Historical Analytical Results For: DC-1
Beacon, NY
Concentration (ug/l)
25
20
15
10
5
0
23
17
16
13
11
11
12
11
9
7
7
7
0 U
0 U 0 U
1 U 1 U
1 U 1 U
0.8 U
Jun-00
Oct-00
Feb-01
Jun-01
Oct-01
Feb-02
Jun-02
Oct-02
Feb-03
Jun-03
Oct-03
Feb-04
Jun-04
Oct-04
Feb-05
Jun-05
Oct-05
Feb-06
Jun-06
Oct-06
Feb-07
Jun-07
Oct-07
Date Sampled
1,2-Dichloroethene
1,1-Dichloroethane
Trichloroethene (Trichloroethylene)


Historical Analytical Results For: DB-8A
Beacon, NY
Concentration (ug/l)
30
25
20
15
10
5
0
26
18
0 U
2.2
0 U 0 U
10
13
11
13
6
1 U 1 U
1 U 1 U
0 U 0 U
0.8 U 0.8 U
0.8 U 0.8 U
Jun-00
Oct-00
Feb-01
Jun-01
Oct-01
Feb-02
Jun-02
Oct-02
Feb-03
Jun-03
Oct-03
Feb-04
Jun-04
Oct-04
Feb-05
Jun-05
Oct-05
Feb-06
Jun-06
Oct-06
Feb-07
Jun-07
Oct-07
Date Sampled
1,2-Dichloroethene
1,1-Dichloroethane
Trichloroethene (Trichloroethylene)

APPENDIX D

LABORATORY ANALYTICAL RESULTS WITH CHAIN-OF-CUSTODIES (ANALYTICAL REPORTS ON DISK)

Lancaster Laboratories
2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

NYSDEC ASP Category B Data Package for Chevron Environmental Mgmt.

SDG# CBN47

Project: Beacon - NY
Water Samples
Collected on 08/21/07-08/22/07
Sample No. 5136497-5136511

PA Cert. # 36-00037
NY Cert. # 10670
NJ Cert. # PA011
NC Cert. # 521

Prepared by A Schroers

Reviewed by Grace Salm

Date 9-21-07

Lancaster Laboratories
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Table of Contents for SDG# CBN47

SDG# CBN47

Lancaster Laboratories
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Sample Reference List for SDG Number CBN47 with a Data Package Type of NYSDEC B

11387 - Chevron Environmental Mgmt.

Project: Beacon - NY

Lab Sample Number	Lab Sample Code	Client Sample Description
5136497	TF--5	TF-5-082107 Grab Water Sample
5136498	TF-23	TF-23-082107 Grab Water Sample
5136499	TF123	TF-123-082107 Grab Water Sample
5136500	BCEB1	EB_#1-082107 Grab Water Sample
5136501	BCTRB	Trip_Blank-082107 Water Sample
5136502	DC--2	DC-2-082107 Grab Water Sample
5136503	DB-8A	DB-8A-082107 Grab Water Sample
5136504	OS--1	OS-2-082107 Grab Water Sample
5136505	OS--3	OS-3-082107 Unspiked Grab Water Sample
5136506	OS--3	OS-3_MS-082107 Matrix Spike Grab Water Sample
5136507	OS--3	OS-3_MSD-082107 Matrix Spike Dup. Grab Water S
5136508	OS--3	OS-3_DUP-082107 Duplicate Grab Water Sample
5136509	OR--3	OR-3-082207 Grab Water Sample
5136510	OR--2	OR-2-082207 Grab Water Sample
5136511	DC--1	DC-1-082207 Grab Water Sample

acct#11387 Op#1052940 Sample# 5136497-511

Page 1 of 2

No. 4717

CHAIN OF CUSTODY RECORD

CLIENT: Chevron/Parsons	PROJECT NO. 441859.0700	PROJECT MGR: Craig A. Butler	
PROJECT NAME: Chevron RCRA Permit Sampling Chevron Beaconing	NOTES - (Reference QAPP and/or analytical protocols to be used): See Work Plan for details		
SAMPLERS: Ed Ashton Dan Douglass			

ANALYSES REQUIRED: 8260B; 8270C; PL - 6010B

Send results to:
PARSONS
290 Elwood Davis Road-Suite 312
Liverpool, NY 13088
Telephone: (315) 451-9560
Fax: (315) 451-9570

Lab Submitted to:
Lancaster Labs
2425 New Holland Pike
Lancaster, PA 17601
717-656-2300

FIELD SAMPLE ID	LOCATION DESCRIPTION	DATE	TIME	GRAB	COMP	MATRIX	Number of Bottles	8260B	8270C	PL - 6010B	REMARKS
TF-5	TF-5	8/2/07	0815	X		MW	6	✓	✓	✓	
TF-23	TF-23	8/2/07	0830	X		MW	6	✓	✓	✓	
TF-123	TF-123	8/2/07	0840	X		MW	6	✓	✓	✓	
EB#1	EB#1	8/2/07	0850	X		WB	6	✓	✓	✓	
Trip Blank	Trip Blank	—	—	—	—	—	2	✓			
DC-2	DC-2	8/2/07	0920	X		MW	6	✓	✓	✓	
DB-8A	DB-8A	8/2/07	0920	X		MW	6	✓	✓	✓	
OS-2	OS-2	8/2/07	1000	X		MW	6	✓	✓	✓	
OS-3	OS-3	8/2/07	1030	X		MW	6	✓	✓	✓	
OS-3MS	OS-3MS	8/2/07	1030	X		MW	6	✓	✓	✓	

	Date:	Time:	Shipped via:	Airbill #:	Received by: (Signature)	Date:	Time:	Cooler Temp: / Samples Intact:
Relinquished by: (Signature)	8/2/07	1200	Fedex					1.9 °C X Yes ___ No #1
Relinquished by: (Signature)								2.0 °C X Yes ___ No #2
Relinquished by: (Signature)					Received by: (Signature)	8-23-07	0930	5.7 °C X Yes ___ No #3

2.3° #4

5.6° #5

TYPE CODES: SOLID
SD- Sediment
SS- Surface Soil
SB- Subsurface Soil
MW- Monitoring Well Boring
TP- Test Pit/Tank Pit
DR- Drum Waste
WA- Solid Waste
OS- Other Solid

WATER
MW- Monitoring Well
LC- Leachate
SW- Surface Water
DW- Drill Water
FD- Fuel Dispenser
MH- Manhole
OW- Oil Water Separator
PR- Piping Run

MATRIX
ST- Storm Water
WW- Waste Water
OL- Other Liquid (eg. Drum liquid)
W - Water
S - Soil

QUALITY CONTROL
FB- Field Blank (with date)
TB- Trip Blank (with date)
WB- Wash Blank (with date)

P:\Forms\General\Chain.xls

Revised: 7/31/2002

acct# 11387 cvp# 1052940 Sample# 5136497-511

Page 2 of 2

№ 4716

CHAIN OF CUSTODY RECORD

CLIENT:	PROJECT NO.	PROJECT MGR:
Chevron / Parsons	441859.0700	Craig F. Butler

PROJECT NAME: See Page 1

SAMPLERS: See Page 1

NOTES - (Reference QAPP and/or analytical protocols to be used): See Page

ANALYSES REQUIRED: 8260B, 8270C, BTEX - 6010B

Send results to:
PARSONS
290 Elwood Davis Road-Suite 312
Liverpool, NY 13088
Telephone: (315) 451-9560
Fax: (315) 451-9570

Lab Submitted to: See Page 1

FIELD SAMPLE ID	LOCATION DESCRIPTION	DATE	TIME	GRAB	COMP	MATRIX	Number of Bottles	8260B	8270C	BTEX - 6010B	REMARKS
OS-3MSD	OS-3MSD	8/21/07	1030	X		MW	6	✓	✓	✓	
OP-3	OP-3	8/22/07	0845	X		MW	6	✓	✓	✓	
OR-2	OP-2	8/22/07	0915	X		MW	6	✓	✓	✓	
OC-1	OC-1	8/22/07	0945	X		MW	5	✓	✓	✓	only 1 ams/msd for 8270.

Relinquished by: (Signature)	Date:	Time:	Shipped via:	Airbill #:	Received by:(Signature)	Date:	Time:	Cooler Temp: / Samples Intact:
	8/22/07	12a	Fedex					1.9 °C, X Yes ___ No (#1)
Relinquished by: (Signature)	Date:	Time	Shipped via:	Airbill #:	Received by:(Signature)	Date:	Time:	Cooler Temp: / Samples Intact:
								2.0 °C, X Yes ___ No (#2)
Relinquished by: (Signature) (3) (4) (5)	Date:	Time:	Shipped via	Airbill #:	Received by: (Signature)	Date: 8-23-07	Time: 0930	Cooler Temp: / Samples Intact:
								5.2 °C, X Yes ___ No (#3)

2.3° #4

5.6° #5

TYPE CODES: SOLID
SD- Sediment
SS- Surface Soil
SB- Subsurface Soil
MW- Monitoring Well Boring
TP- Test Pit/Tank Pit
DR- Drum Waste
WA- Solid Waste
OS- Other Solid

WATER
MW- Monitoring Well
LC- Leachate
SW- Surface Water
DW- Drill Water

FD- Fuel Dispenser
MH- Manhole
OW- Oil Water Separator
PR- Piping Run

MATRIX
W - Water
S - Soil
ST- Storm Water
WW- Waste Water
OL- Other Liquid (eg. Drum liquid)

QUALITY CONTROL
FB- Field Blank (with date)
TB- Trip Blank (with date)
WB- Wash Blank (with date)

Lancaster Laboratories
2425 New Holland Pike • Lancaster, PA 17601

Environmental Sample Administration
Receipt Documentation Log

Client/Project: Chevron/Parsons

Date of Receipt: 8-23-07

Time of Receipt: 0930

Source Code: 50-1

Unpacker Emp. No.: 2132

Shipping Container Sealed: (Y) / N

Custody Seal Present: (Y) / N

Custody Seal Intact: (Y) / N / NA

Package: (Chilled) / Not Chilled

Temperature of Shipping Containers

Cooler #	Thermometer ID	Temperature (°C)	Temp Bottle (TB) or Surface Temp (ST)	Wet Ice (WI) or Dry Ice (DI) or Ice Packs (IP)	Ice Present? Y/N	Loose (L) Bagged Ice (B) or NA	Comments
1	0429975	1.9°	TB	WI	Y	B	
2	↓	2.0°	↓	↓	↓	L	
3	↓	5.7°	↓	↓	↓	B	
4	↓	2.3°	↓	↓	↓	B	
5	↓	5.6°	↓	↓	↓	B	
6							

Number of Trip Blanks received NOT listed on chain of custody: 0

Paperwork Discrepancy/Unpacking Problems:

3 vials TF-23 - diff time than COC

Sample Administration Internal Chain of Custody

Name	Date	Time	Reason for Transfer
Shula R Mayes	8-23-07	1435	Unpacking to storage
Tammy Kellerd	8/23/07	1519	Place in Storage or (Entry)
			Entry
			Entry

Lancaster Laboratories
2425 New Holland Pike • Lancaster, PA 17601

Sample Preservation Data - Waters

Date: 8-23-07

Number	H_2SO_4 1	3	11	46	47	56	H_3PO_4 91	HCl 29	79	HNO_3 7	8	9	138	NaOH 2	28	81	MCA 72	None 15	16	Sulfide Check	Res. Cl. Check	0178 6030 Adjust w/ H_2SO_4 or NaOH	6368 6369 (res. Cl check only)	Subsamples Created	F-2138	3312	Comment # Lab Notes # other notes	Init./ Emp. #
5136426											BK													Original				TMB 1292
pH B/A											12									Neg	Neg			Created				
																				Pos	Pos							
5136427											BK													Original				
pH B/A											12									Neg	Neg			Created				
																				Pos	Pos							
5136428											BK													Original				
pH B/A											12									Neg	Neg			Created				
																				Pos	Pos							
5136429											BK													Original				
pH B/A											12									Neg	Neg			Created				
																				Pos	Pos							
5136431											BK													Original				
pH B/A											12									Neg	Neg			Created				
																				Pos	Pos							
5136432											BK													Original				
pH B/A											12									Neg	Neg			Created				
																				Pos	Pos							
5136497											BK													Original				
pH B/A											12									Neg	Neg			Created				
																				Pos	Pos							
5136498											BK													Original				
pH B/A											12									Neg	Neg			Created				
																				Pos	Pos							

Reviewed by: _____ 1123.12 Date: _____

Lancaster Laboratories
2425 New Holland Pike • Lancaster, PA 17601

Sample Preservation Data - Waters

Date: 8/23/07

Number	H_2SO_4 1	3	11	46	47	56	H_3PO_4 91	HCl 29	79	HNO_3 7	8	9	138	NaOH 2	28	81	MCA 72	None 15	16	Sulfide Check	Res. Cl. Check	0178 6030 Adjust w/ H_2SO_4 or NaOH	6368 6369 (res. Cl check only)	Subsamples Created	F-2138	3312	Comment # Lab Notes # other notes	Init./ Emp. #
X 5136499											BK									Neg	Neg			Original				TMB 1042
pH B/A											12									Pos	Pos			Created				
X 5136500											BK									Neg	Neg			Original				
pH B/A											12									Pos	Pos			Created				
X 5136502											BK									Neg	Neg			Original				
pH B/A											12									Pos	Pos			Created				
X 5136503											BK									Neg	Neg			Original				
pH B/A											12									Pos	Pos			Created				
X 5136504											BK									Neg	Neg			Original				
pH B/A											12									Pos	Pos			Created				
X 5136505											BK									Neg	Neg			Original				
pH B/A											12									Pos	Pos			Created				
X 5136506											BK									Neg	Neg			Original				
pH B/A											12									Pos	Pos			Created				
X 5136507											BK									Neg	Neg			Original				✓
pH B/A											12									Pos	Pos			Created				

Reviewed by: _____ 1123.12 Date: _____

Lancaster Laboratories
2425 New Holland Pike • Lancaster, PA 17601

Sample Preservation Data - Waters

Date: 8-23-07

Number	H_2SO_4 1	3	11	46	47	56	H_3PO_4 91	HCl 29	79	HNO_3 7	8	9	138	NaOH 2	28	81	MCA 72	None 15	16	Sulfide Check	Res. Cl. Check	0178 6030 Adjust w/ H_2SO_4 or NaOH	6368 6369 (res. Cl check only)	Subsamples Created	F-2138	3312	Comment # Lab Notes # other notes	Init./ Emp. #
5136508											BK									Neg	Neg			Original				TMB 10B2
pH B/A											12									Pos	Pos			Created				
5136509											BK									Neg	Neg			Original				
pH B/A											12									Pos	Pos			Created				
5136510											BK									Neg	Neg			Original				
pH B/A											12									Pos	Pos			Created				
5136511											BK									Neg	Neg			Original				
pH B/A											12									Pos	Pos			Created				
5135632		BK	BK			BK	BK				BK			BK	BK					X Neg	X Neg			Original				
pH B/A		12	12			12	12				12			12	12					Pos	Pos			Created				
5135633											BK									Neg	Neg			Original				
pH B/A											12									Pos	Pos			Created				
5135634		BK	BK			BK	BK				BK			BK	BK					X Neg	X Neg			Original				
pH B/A		12	12			12	12				12			12	12					Pos	Pos			Created				
5135635											BK									Neg	Neg			Original				
pH B/A											12									Pos	Pos			Created				

Reviewed by: _____ 1123.12 Date: _____

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 · 717-656-2300 Fax: 717-656-2681 · www.lancasterlabs.com

01163 GC/MS VOA Water Prep

An undiluted aliquot of the water sample or a dilution of the sample is purged with an inert gas and the volatiles are collected on an adsorbent trap that is subsequently desorbed onto a gas chromatographic column.

Reference: Test Methods for Evaluating Solid Wastes, SW-846 Method 5030B, December 1996.

06291 TCL by 8260 (water)
06371 8260 Special Cmpds for Waters

The water sample is purged and the volatile compounds are collected on a sorbent trap that is subsequently desorbed onto the GC/MS system for chromatographic and mass spectral analysis.

Reference: Test Methods for Evaluating Solid Wastes, SW-846 Method 8260B, December 1996

01848 WW SW846 ICP Digest (tot rec)

The sample is digested with nitric acid and hydrochloric acid.

Reference: Test Methods for Evaluating Solid Wastes, SW-846 Method 3005A, July 1992

07055 Lead

The solution resulting from the metals digestion is analyzed by Trace ICP.

Reference: Test Methods for Evaluating Solid Wastes, SW-846 Method 6010B, December 1996.

00813 BNA Water Extraction

The sample aliquot is extracted with methylene chloride by either separatory funnel or liquid/liquid apparatus. Extraction is performed at both a pH of 11 and 2. The extract is concentrated prior to analysis.

Reference: Test Methods for Evaluating Solid Wastes, SW-846 Method 3510C, December 1996

04678 TCL SW846 Semivolatiles/Waters

The sample extract is analyzed by capillary column Gas Chromatography/Mass Spectrometry.

Reference: Test Methods for Evaluating Solid Wastes, SW-846 Method 8270C, December 1996

Lancaster Laboratories

REVISED

ANALYTICAL RESULTS

Prepared for:

Chevron Environmental Mgmt.
4800 Fournace Place
Bellaire TX 77401

713-219-5225

Prepared by:

Lancaster Laboratories
2425 New Holland Pike
Lancaster, PA 17605-2425

SAMPLE GROUP

The sample group for this submittal is 1052940. Samples arrived at the laboratory on Thursday, August 23, 2007. The PO# for this group is 0015019974 and the release number is HENDRICKSON.

Client Description	Lancaster Labs Number
TF-5-082107 Grab Water Sample	5136497
TF-23-082107 Grab Water Sample	5136498
TF-123-082107 Grab Water Sample	5136499
EB_#1-082107 Grab Water Sample	5136500
Trip_Blank-082107 Water Sample	5136501
DC-2-082107 Grab Water Sample	5136502
DB-8A-082107 Grab Water Sample	5136503
OS-2-082107 Grab Water Sample	5136504
OS-3-082107 Unspiked Grab Water Sample	5136505
OS-3_MS-082107 Matrix Spike Grab Water Sample	5136506
OS-3_MSD-082107 Matrix Spike Dup. Grab Water S	5136507
OS-3_DUP-082107 Duplicate Grab Water Sample	5136508
OR-3-082207 Grab Water Sample	5136509
OR-2-082207 Grab Water Sample	5136510
DC-1-082207 Grab Water Sample	5136511

METHODOLOGY

The specific methodologies used in obtaining the enclosed analytical results are indicated on the laboratory chronicles.

ELECTRONIC COPY TO	Parsons Engineering Science	Attn: Ed Ashton
ELECTRONIC COPY TO	Parsons	Attn: Craig Butler

8889

Lancaster Laboratories

REVISED

1 COPY TO Data Package Group

Questions? Contact your Client Services Representative
Wendy A Kozma at (717) 656-2300

Respectfully Submitted,

Robert Strocko, Jr.
Manager

6018

Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 5136497

TF-5-082107 Grab Water Sample
Beacon - NY

Collected:08/21/2007 08:15 by EA

Account Number: 11387

Submitted: 08/23/2007 09:30
Reported: 09/21/2007 at 07:39
Discard: 12/06/2007

Chevron Environmental Mgmt.
4800 Fournace Place
Bellaire TX 77401

TF--5 SDG#: CBN47-01
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CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
07055	Lead	7439-92-1	N.D.	0.0069	mg/l	1
04678	TCL SW846 Semivolatiles/Waters					
03871	4-Chloroaniline	106-47-8	N.D.	1.	ug/l	1
03879	Dibenzofuran	132-64-9	N.D.	1.	ug/l	1
03905	2-Methylnaphthalene	91-57-6	N.D.	1.	ug/l	1
03907	2-Nitroaniline	88-74-4	N.D.	1.	ug/l	1
03908	3-Nitroaniline	99-09-2	N.D.	1.	ug/l	1
03909	4-Nitroaniline	100-01-6	N.D.	1.	ug/l	1
03922	2,4,5-Trichlorophenol	95-95-4	N.D.	1.	ug/l	1
03924	2-Chlorophenol	95-57-8	N.D.	1.	ug/l	1
03925	Phenol	108-95-2	N.D.	1.	ug/l	1
03926	2-Nitrophenol	88-75-5	N.D.	1.	ug/l	1
03927	2,4-Dimethylphenol	105-67-9	N.D.	3.	ug/l	1
03928	2,4-Dichlorophenol	120-83-2	N.D.	1.	ug/l	1
03929	4-Chloro-3-methylphenol	59-50-7	N.D.	1.	ug/l	1
03930	2,4,6-Trichlorophenol	88-06-2	N.D.	1.	ug/l	1
03931	2,4-Dinitrophenol	51-28-5	N.D.	20.	ug/l	1
03932	4-Nitrophenol	100-02-7	N.D.	10.	ug/l	1
03933	4,6-Dinitro-2-methylphenol	534-52-1	N.D.	5.	ug/l	1
03934	Pentachlorophenol	87-86-5	N.D.	3.	ug/l	1
03936	bis(2-Chloroethyl)ether	111-44-4	N.D.	1.	ug/l	1
03937	1,3-Dichlorobenzene	541-73-1	N.D.	1.	ug/l	1
03938	1,4-Dichlorobenzene	106-46-7	N.D.	1.	ug/l	1
03939	1,2-Dichlorobenzene	95-50-1	N.D.	1.	ug/l	1
03941	Hexachloroethane	67-72-1	N.D.	1.	ug/l	1
03942	N-Nitroso-di-n-propylamine	621-64-7	N.D.	1.	ug/l	1
03943	Nitrobenzene	98-95-3	N.D.	1.	ug/l	1
03944	Isophorone	78-59-1	N.D.	1.	ug/l	1
03945	bis(2-Chloroethoxy)methane	111-91-1	N.D.	1.	ug/l	1
03946	1,2,4-Trichlorobenzene	120-82-1	N.D.	1.	ug/l	1
03947	Naphthalene	91-20-3	N.D.	1.	ug/l	1
03948	Hexachlorobutadiene	87-68-3	N.D.	1.	ug/l	1
03949	Hexachlorocyclopentadiene	77-47-4	N.D.	5.	ug/l	1
03950	2-Chloronaphthalene	91-58-7	N.D.	2.	ug/l	1
03951	Acenaphthylene	208-96-8	N.D.	1.	ug/l	1
03952	Dimethylphthalate	131-11-3	N.D.	2.	ug/l	1
03953	2,6-Dinitrotoluene	606-20-2	N.D.	1.	ug/l	1
03954	Acenaphthene	83-32-9	N.D.	1.	ug/l	1

Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 5136497

TF-5-082107 Grab Water Sample
Beacon - NY

Collected:08/21/2007 08:15 by EA

Account Number: 11387

Submitted: 08/23/2007 09:30
Reported: 09/21/2007 at 07:39
Discard: 12/06/2007

Chevron Environmental Mgmt.
4800 Fournace Place
Bellaire TX 77401

TF--5 SDG#: CBN47-01

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
03955	2,4-Dinitrotoluene	121-14-2	N.D.	1.	ug/l	1
03956	Fluorene	86-73-7	N.D.	1.	ug/l	1
03957	4-Chlorophenyl-phenylether	7005-72-3	N.D.	2.	ug/l	1
03958	Diethylphthalate	84-66-2	N.D.	2.	ug/l	1
03960	N-Nitrosodiphenylamine	86-30-6	N.D.	2.	ug/l	1
	N-nitrosodiphenylamine decomposes in the GC inlet forming diphenylamine. The result reported for N-nitrosodiphenylamine represents the combined total of both compounds.					
03961	4-Bromophenyl-phenylether	101-55-3	N.D.	1.	ug/l	1
03962	Hexachlorobenzene	118-74-1	N.D.	1.	ug/l	1
03963	Phenanthrene	85-01-8	N.D.	1.	ug/l	1
03964	Anthracene	120-12-7	N.D.	1.	ug/l	1
03965	Di-n-butylphthalate	84-74-2	N.D.	2.	ug/l	1
03966	Fluoranthene	206-44-0	N.D.	1.	ug/l	1
03967	Pyrene	129-00-0	N.D.	1.	ug/l	1
03969	Butylbenzylphthalate	85-68-7	N.D.	2.	ug/l	1
03970	Benzo(a)anthracene	56-55-3	N.D.	1.	ug/l	1
03971	Chrysene	218-01-9	N.D.	1.	ug/l	1
03972	3,3'-Dichlorobenzidine	91-94-1	N.D.	2.	ug/l	1
03973	bis(2-Ethylhexyl)phthalate	117-81-7	N.D.	2.	ug/l	1
03974	Di-n-octylphthalate	117-84-0	N.D.	2.	ug/l	1
03975	Benzo(b)fluoranthene	205-99-2	N.D.	1.	ug/l	1
03976	Benzo(k)fluoranthene	207-08-9	N.D.	1.	ug/l	1
03977	Benzo(a)pyrene	50-32-8	N.D.	1.	ug/l	1
03978	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	1.	ug/l	1
03979	Dibenz(a,h)anthracene	53-70-3	N.D.	1.	ug/l	1
03980	Benzo(g,h,i)perylene	191-24-2	N.D.	1.	ug/l	1
04680	2-Methylphenol	95-48-7	N.D.	1.	ug/l	1
04681	2,2'-oxybis(1-Chloropropane)	108-60-1	N.D.	1.	ug/l	1
04682	4-Methylphenol	106-44-5	N.D.	2.	ug/l	1
	3-Methylphenol and 4-methylphenol cannot be resolved under the chromatographic conditions used for sample analysis. The result reported for 4-methylphenol represents the combined total of both compounds.					
04684	Carbazole	86-74-8	N.D.	1.	ug/l	1
06291	TCL by 8260 (water)					
05385	Chloromethane	74-87-3	N.D.	1.	ug/l	1
05386	Vinyl Chloride	75-01-4	N.D.	1.	ug/l	1
05387	Bromomethane	74-83-9	N.D.	1.	ug/l	1
05388	Chloroethane	75-00-3	N.D.	1.	ug/l	1
05390	1,1-Dichloroethene	75-35-4	N.D.	0.8	ug/l	1
05391	Methylene Chloride	75-09-2	N.D.	2.	ug/l	1

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 5136497

TF-5-082107 Grab Water Sample
Beacon - NY

Collected:08/21/2007 08:15 by EA

Account Number: 11387

Submitted: 08/23/2007 09:30
Reported: 09/21/2007 at 07:39
Discard: 12/06/2007

Chevron Environmental Mgmt.
4800 Fournace Place
Bellaire TX 77401

TF--5 SDG#: CBN47-01

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
05393	1,1-Dichloroethane	75-34-3	N.D.	1.	ug/l	1
05396	Chloroform	67-66-3	N.D.	0.8	ug/l	1
05398	1,1,1-Trichloroethane	71-55-6	N.D.	0.8	ug/l	1
05399	Carbon Tetrachloride	56-23-5	N.D.	1.	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	1.	ug/l	1
05403	Trichloroethene	79-01-6	N.D.	1.	ug/l	1
05404	1,2-Dichloropropane	78-87-5	N.D.	1.	ug/l	1
05406	Bromodichloromethane	75-27-4	N.D.	1.	ug/l	1
05407	Toluene	108-88-3	N.D.	0.7	ug/l	1
05408	1,1,2-Trichloroethane	79-00-5	N.D.	0.8	ug/l	1
05409	Tetrachloroethene	127-18-4	N.D.	0.8	ug/l	1
05411	Dibromochloromethane	124-48-1	N.D.	1.	ug/l	1
05413	Chlorobenzene	108-90-7	N.D.	0.8	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.8	ug/l	1
05419	Bromoform	75-25-2	N.D.	1.	ug/l	1
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.	ug/l	1
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.	ug/l	1
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.8	ug/l	1
06371	8260 Special Cmpds for Waters					
05654	2-Chloroethyl Vinyl Ether	110-75-8	N.D.	2.	ug/l	1
	2-Chloroethyl vinyl ether is an acid labile compound and may not be recovered in an acid preserved sample.					
05655	Trichlorofluoromethane	75-69-4	N.D.	2.	ug/l	1
06304	1,2-Dichloroethene (Total)	540-59-0	N.D.	0.8	ug/l	1
08171	1,3-Dichlorobenzene	541-73-1	N.D.	1.	ug/l	1
08172	1,4-Dichlorobenzene	106-46-7	N.D.	1.	ug/l	1
08173	1,2-Dichlorobenzene	95-50-1	N.D.	1.	ug/l	1

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

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Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 5136497

TF-5-082107 Grab Water Sample
Beacon - NY

Collected:08/21/2007 08:15 by EA

Account Number: 11387

Submitted: 08/23/2007 09:30
Reported: 09/21/2007 at 07:39
Discard: 12/06/2007

Chevron Environmental Mgmt.
4800 Fournace Place
Bellaire TX 77401

TF--5 SDG#: CBN47-01

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
07055	Lead	SW-846 6010B	1	09/02/2007 00:26	Tara L Snyder	1
04678	TCL SW846 Semivolatiles/Waters	SW-846 8270C	1	08/25/2007 06:01	Linda M Hartenstine	1
06291	TCL by 8260 (water)	SW-846 8260B	1	08/28/2007 11:53	Nicholas R Rossi	1
06371	8260 Special Cmpds for Waters	SW-846 8260B	1	08/28/2007 11:53	Nicholas R Rossi	1
00813	BNA Water Extraction	SW-846 3510C	1	08/24/2007 11:00	Mariam G Attalla	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	08/28/2007 11:53	Nicholas R Rossi	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	08/26/2007 23:00	Helen L Schaeffer	1

8814

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 5136498

TF-23-082107 Grab Water Sample
Beacon - NY

Collected:08/21/2007 08:30 by EA

Account Number: 11387

Submitted: 08/23/2007 09:30
Reported: 09/21/2007 at 07:39
Discard: 12/06/2007

Chevron Environmental Mgmt.
4800 Fournace Place
Bellaire TX 77401

TF-23 SDG#: CBN47-02
I 5E w

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
07055	Lead	7439-92-1	0.0147 J	0.0069	mg/l	1
04678	TCL SW846 Semivolatiles/Waters					
03871	4-Chloroaniline	106-47-8	N.D.	1.	ug/l	1
03879	Dibenzofuran	132-64-9	N.D.	1.	ug/l	1
03905	2-Methylnaphthalene	91-57-6	N.D.	1.	ug/l	1
03907	2-Nitroaniline	88-74-4	N.D.	1.	ug/l	1
03908	3-Nitroaniline	99-09-2	N.D.	1.	ug/l	1
03909	4-Nitroaniline	100-01-6	N.D.	1.	ug/l	1
03922	2,4,5-Trichlorophenol	95-95-4	N.D.	1.	ug/l	1
03924	2-Chlorophenol	95-57-8	N.D.	1.	ug/l	1
03925	Phenol	108-95-2	N.D.	1.	ug/l	1
03926	2-Nitrophenol	88-75-5	N.D.	1.	ug/l	1
03927	2,4-Dimethylphenol	105-67-9	N.D.	3.	ug/l	1
03928	2,4-Dichlorophenol	120-83-2	N.D.	1.	ug/l	1
03929	4-Chloro-3-methylphenol	59-50-7	N.D.	1.	ug/l	1
03930	2,4,6-Trichlorophenol	88-06-2	N.D.	1.	ug/l	1
03931	2,4-Dinitrophenol	51-28-5	N.D.	20.	ug/l	1
03932	4-Nitrophenol	100-02-7	N.D.	10.	ug/l	1
03933	4,6-Dinitro-2-methylphenol	534-52-1	N.D.	5.	ug/l	1
03934	Pentachlorophenol	87-86-5	N.D.	3.	ug/l	1
03936	bis(2-Chloroethyl)ether	111-44-4	N.D.	1.	ug/l	1
03937	1,3-Dichlorobenzene	541-73-1	N.D.	1.	ug/l	1
03938	1,4-Dichlorobenzene	106-46-7	N.D.	1.	ug/l	1
03939	1,2-Dichlorobenzene	95-50-1	N.D.	1.	ug/l	1
03941	Hexachloroethane	67-72-1	N.D.	1.	ug/l	1
03942	N-Nitroso-di-n-propylamine	621-64-7	N.D.	1.	ug/l	1
03943	Nitrobenzene	98-95-3	N.D.	1.	ug/l	1
03944	Isophorone	78-59-1	N.D.	1.	ug/l	1
03945	bis(2-Chloroethoxy)methane	111-91-1	N.D.	1.	ug/l	1
03946	1,2,4-Trichlorobenzene	120-82-1	N.D.	1.	ug/l	1
03947	Naphthalene	91-20-3	N.D.	1.	ug/l	1
03948	Hexachlorobutadiene	87-68-3	N.D.	1.	ug/l	1
03949	Hexachlorocyclopentadiene	77-47-4	N.D.	5.	ug/l	1
03950	2-Chloronaphthalene	91-58-7	N.D.	2.	ug/l	1
03951	Acenaphthylene	208-96-8	N.D.	1.	ug/l	1
03952	Dimethylphthalate	131-11-3	N.D.	2.	ug/l	1
03953	2,6-Dinitrotoluene	606-20-2	N.D.	1.	ug/l	1
03954	Acenaphthene	83-32-9	N.D.	1.	ug/l	1

0015

Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 5136498

TF-23-082107 Grab Water Sample
Beacon - NY

Collected:08/21/2007 08:30 by EA

Account Number: 11387

Submitted: 08/23/2007 09:30
Reported: 09/21/2007 at 07:39
Discard: 12/06/2007

Chevron Environmental Mgmt.
4800 Fournace Place
Bellaire TX 77401

TF-23 SDG#: CBN47-02

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
03955	2,4-Dinitrotoluene	121-14-2	N.D.	1.	ug/l	1
03956	Fluorene	86-73-7	N.D.	1.	ug/l	1
03957	4-Chlorophenyl-phenylether	7005-72-3	N.D.	2.	ug/l	1
03958	Diethylphthalate	84-66-2	N.D.	2.	ug/l	1
03960	N-Nitrosodiphenylamine	86-30-6	N.D.	2.	ug/l	1
	N-nitrosodiphenylamine decomposes in the GC inlet forming diphenylamine. The result reported for N-nitrosodiphenylamine represents the combined total of both compounds.					
03961	4-Bromophenyl-phenylether	101-55-3	N.D.	1.	ug/l	1
03962	Hexachlorobenzene	118-74-1	N.D.	1.	ug/l	1
03963	Phenanthrene	85-01-8	N.D.	1.	ug/l	1
03964	Anthracene	120-12-7	N.D.	1.	ug/l	1
03965	Di-n-butylphthalate	84-74-2	N.D.	2.	ug/l	1
03966	Fluoranthene	206-44-0	N.D.	1.	ug/l	1
03967	Pyrene	129-00-0	N.D.	1.	ug/l	1
03969	Butylbenzylphthalate	85-68-7	N.D.	2.	ug/l	1
03970	Benzo(a)anthracene	56-55-3	N.D.	1.	ug/l	1
03971	Chrysene	218-01-9	N.D.	1.	ug/l	1
03972	3,3'-Dichlorobenzidine	91-94-1	N.D.	2.	ug/l	1
03973	bis(2-Ethylhexyl)phthalate	117-81-7	N.D.	2.	ug/l	1
03974	Di-n-octylphthalate	117-84-0	N.D.	2.	ug/l	1
03975	Benzo(b)fluoranthene	205-99-2	N.D.	1.	ug/l	1
03976	Benzo(k)fluoranthene	207-08-9	N.D.	1.	ug/l	1
03977	Benzo(a)pyrene	50-32-8	N.D.	1.	ug/l	1
03978	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	1.	ug/l	1
03979	Dibenz(a,h)anthracene	53-70-3	N.D.	1.	ug/l	1
03980	Benzo(g,h,i)perylene	191-24-2	N.D.	1.	ug/l	1
04680	2-Methylphenol	95-48-7	N.D.	1.	ug/l	1
04681	2,2'-oxybis(1-Chloropropane)	108-60-1	N.D.	1.	ug/l	1
04682	4-Methylphenol	106-44-5	N.D.	2.	ug/l	1
	3-Methylphenol and 4-methylphenol cannot be resolved under the chromatographic conditions used for sample analysis. The result reported for 4-methylphenol represents the combined total of both compounds.					
04684	Carbazole	86-74-8	N.D.	1.	ug/l	1
06291	TCL by 8260 (water)					
05385	Chloromethane	74-87-3	N.D.	1.	ug/l	1
05386	Vinyl Chloride	75-01-4	N.D.	1.	ug/l	1
05387	Bromomethane	74-83-9	N.D.	1.	ug/l	1
05388	Chloroethane	75-00-3	N.D.	1.	ug/l	1
05390	1,1-Dichloroethene	75-35-4	N.D.	0.8	ug/l	1
05391	Methylene Chloride	75-09-2	N.D.	2.	ug/l	1

Lancaster Laboratories, Inc.
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Lancaster Laboratories

Lancaster Laboratories Sample No. WW 5136498

TF-23-082107 Grab Water Sample
Beacon - NY

Collected:08/21/2007 08:30 by EA

Account Number: 11387

Submitted: 08/23/2007 09:30
Reported: 09/21/2007 at 07:39
Discard: 12/06/2007

Chevron Environmental Mgmt.
4800 Fournace Place
Bellaire TX 77401

TF-23 SDG#: CBN47-02

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
05393	1,1-Dichloroethane	75-34-3	N.D.	1.	ug/l	1
05396	Chloroform	67-66-3	N.D.	0.8	ug/l	1
05398	1,1,1-Trichloroethane	71-55-6	N.D.	0.8	ug/l	1
05399	Carbon Tetrachloride	56-23-5	N.D.	1.	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	1.	ug/l	1
05403	Trichloroethene	79-01-6	N.D.	1.	ug/l	1
05404	1,2-Dichloropropane	78-87-5	N.D.	1.	ug/l	1
05406	Bromodichloromethane	75-27-4	N.D.	1.	ug/l	1
05407	Toluene	108-88-3	N.D.	0.7	ug/l	1
05408	1,1,2-Trichloroethane	79-00-5	N.D.	0.8	ug/l	1
05409	Tetrachloroethene	127-18-4	N.D.	0.8	ug/l	1
05411	Dibromochloromethane	124-48-1	N.D.	1.	ug/l	1
05413	Chlorobenzene	108-90-7	N.D.	0.8	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.8	ug/l	1
05419	Bromoform	75-25-2	N.D.	1.	ug/l	1
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.	ug/l	1
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.	ug/l	1
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.8	ug/l	1
06371	8260 Special Cmpds for Waters					
05654	2-Chloroethyl Vinyl Ether	110-75-8	N.D.	2.	ug/l	1
	2-Chloroethyl vinyl ether is an acid labile compound and may not be recovered in an acid preserved sample.					
05655	Trichlorofluoromethane	75-69-4	N.D.	2.	ug/l	1
06304	1,2-Dichloroethene (Total)	540-59-0	N.D.	0.8	ug/l	1
08171	1,3-Dichlorobenzene	541-73-1	N.D.	1.	ug/l	1
08172	1,4-Dichlorobenzene	106-46-7	N.D.	1.	ug/l	1
08173	1,2-Dichlorobenzene	95-50-1	N.D.	1.	ug/l	1

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

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Lancaster Laboratories

Lancaster Laboratories Sample No. WW 5136498

TF-23-082107 Grab Water Sample
Beacon - NY

Collected:08/21/2007 08:30 by EA

Account Number: 11387

Submitted: 08/23/2007 09:30
Reported: 09/21/2007 at 07:39
Discard: 12/06/2007

Chevron Environmental Mgmt.
4800 Fournace Place
Bellaire TX 77401

TF-23 SDG#: CBN47-02

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
07055	Lead	SW-846 6010B	1	09/02/2007 00:30	Tara L Snyder	1
04678	TCL SW846 Semivolatiles/Waters	SW-846 8270C	1	08/25/2007 06:22	Linda M Hartenstine	1
06291	TCL by 8260 (water)	SW-846 8260B	1	08/28/2007 12:15	Nicholas R Rossi	1
06371	8260 Special Cmpds for Waters	SW-846 8260B	1	08/28/2007 12:15	Nicholas R Rossi	1
00813	BNA Water Extraction	SW-846 3510C	1	08/24/2007 11:00	Mariam G Attalla	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	08/28/2007 12:15	Nicholas R Rossi	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	08/26/2007 23:00	Helen L Schaeffer	1

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Lancaster, PA 17605-2425
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Lancaster Laboratories Sample No. WW 5136499

TF-123-082107 Grab Water Sample
Beacon - NY

Collected:08/21/2007 08:40 by EA

Account Number: 11387

Submitted: 08/23/2007 09:30
Reported: 09/21/2007 at 07:39
Discard: 12/06/2007

Chevron Environmental Mgmt.
4800 Fournace Place
Bellaire TX 77401

TF123 SDG#: CBN47-03
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CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
07055	Lead	7439-92-1	0.0177	0.0069	mg/l	1
04678	TCL SW846 Semivolatiles/Waters					
03871	4-Chloroaniline	106-47-8	N.D.	1.	ug/l	1
03879	Dibenzofuran	132-64-9	N.D.	1.	ug/l	1
03905	2-Methylnaphthalene	91-57-6	N.D.	1.	ug/l	1
03907	2-Nitroaniline	88-74-4	N.D.	1.	ug/l	1
03908	3-Nitroaniline	99-09-2	N.D.	1.	ug/l	1
03909	4-Nitroaniline	100-01-6	N.D.	1.	ug/l	1
03922	2,4,5-Trichlorophenol	95-95-4	N.D.	1.	ug/l	1
03924	2-Chlorophenol	95-57-8	N.D.	1.	ug/l	1
03925	Phenol	108-95-2	N.D.	1.	ug/l	1
03926	2-Nitrophenol	88-75-5	N.D.	1.	ug/l	1
03927	2,4-Dimethylphenol	105-67-9	N.D.	3.	ug/l	1
03928	2,4-Dichlorophenol	120-83-2	N.D.	1.	ug/l	1
03929	4-Chloro-3-methylphenol	59-50-7	N.D.	1.	ug/l	1
03930	2,4,6-Trichlorophenol	88-06-2	N.D.	1.	ug/l	1
03931	2,4-Dinitrophenol	51-28-5	N.D.	20.	ug/l	1
03932	4-Nitrophenol	100-02-7	N.D.	10.	ug/l	1
03933	4,6-Dinitro-2-methylphenol	534-52-1	N.D.	5.	ug/l	1
03934	Pentachlorophenol	87-86-5	N.D.	3.	ug/l	1
03936	bis(2-Chloroethyl)ether	111-44-4	N.D.	1.	ug/l	1
03937	1,3-Dichlorobenzene	541-73-1	N.D.	1.	ug/l	1
03938	1,4-Dichlorobenzene	106-46-7	N.D.	1.	ug/l	1
03939	1,2-Dichlorobenzene	95-50-1	N.D.	1.	ug/l	1
03941	Hexachloroethane	67-72-1	N.D.	1.	ug/l	1
03942	N-Nitroso-di-n-propylamine	621-64-7	N.D.	1.	ug/l	1
03943	Nitrobenzene	98-95-3	N.D.	1.	ug/l	1
03944	Isophorone	78-59-1	N.D.	1.	ug/l	1
03945	bis(2-Chloroethoxy)methane	111-91-1	N.D.	1.	ug/l	1
03946	1,2,4-Trichlorobenzene	120-82-1	N.D.	1.	ug/l	1
03947	Naphthalene	91-20-3	N.D.	1.	ug/l	1
03948	Hexachlorobutadiene	87-68-3	N.D.	1.	ug/l	1
03949	Hexachlorocyclopentadiene	77-47-4	N.D.	5.	ug/l	1
03950	2-Chloronaphthalene	91-58-7	N.D.	2.	ug/l	1
03951	Acenaphthylene	208-96-8	N.D.	1.	ug/l	1
03952	Dimethylphthalate	131-11-3	N.D.	2.	ug/l	1
03953	2,6-Dinitrotoluene	606-20-2	N.D.	1.	ug/l	1
03954	Acenaphthene	83-32-9	N.D.	1.	ug/l	1

0819

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Lancaster Laboratories

Lancaster Laboratories Sample No. WW 5136499

TF-123-082107 Grab Water Sample
Beacon - NY

Collected:08/21/2007 08:40 by EA

Account Number: 11387

Submitted: 08/23/2007 09:30
Reported: 09/21/2007 at 07:39
Discard: 12/06/2007

Chevron Environmental Mgmt.
4800 Fournace Place
Bellaire TX 77401

TF123 SDG#: CBN47-03

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
03955	2,4-Dinitrotoluene	121-14-2	N.D.	1.	ug/l	1
03956	Fluorene	86-73-7	N.D.	1.	ug/l	1
03957	4-Chlorophenyl-phenylether	7005-72-3	N.D.	2.	ug/l	1
03958	Diethylphthalate	84-66-2	N.D.	2.	ug/l	1
03960	N-Nitrosodiphenylamine	86-30-6	N.D.	2.	ug/l	1
	N-nitrosodiphenylamine decomposes in the GC inlet forming diphenylamine. The result reported for N-nitrosodiphenylamine represents the combined total of both compounds.					
03961	4-Bromophenyl-phenylether	101-55-3	N.D.	1.	ug/l	1
03962	Hexachlorobenzene	118-74-1	N.D.	1.	ug/l	1
03963	Phenanthrene	85-01-8	N.D.	1.	ug/l	1
03964	Anthracene	120-12-7	N.D.	1.	ug/l	1
03965	Di-n-butylphthalate	84-74-2	N.D.	2.	ug/l	1
03966	Fluoranthene	206-44-0	N.D.	1.	ug/l	1
03967	Pyrene	129-00-0	N.D.	1.	ug/l	1
03969	Butylbenzylphthalate	85-68-7	N.D.	2.	ug/l	1
03970	Benzo(a)anthracene	56-55-3	N.D.	1.	ug/l	1
03971	Chrysene	218-01-9	N.D.	1.	ug/l	1
03972	3,3'-Dichlorobenzidine	91-94-1	N.D.	2.	ug/l	1
03973	bis(2-Ethylhexyl)phthalate	117-81-7	N.D.	2.	ug/l	1
03974	Di-n-octylphthalate	117-84-0	N.D.	2.	ug/l	1
03975	Benzo(b)fluoranthene	205-99-2	N.D.	1.	ug/l	1
03976	Benzo(k)fluoranthene	207-08-9	N.D.	1.	ug/l	1
03977	Benzo(a)pyrene	50-32-8	N.D.	1.	ug/l	1
03978	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	1.	ug/l	1
03979	Dibenz(a,h)anthracene	53-70-3	N.D.	1.	ug/l	1
03980	Benzo(g,h,i)perylene	191-24-2	N.D.	1.	ug/l	1
04680	2-Methylphenol	95-48-7	N.D.	1.	ug/l	1
04681	2,2'-oxybis(1-Chloropropane)	108-60-1	N.D.	1.	ug/l	1
04682	4-Methylphenol	106-44-5	N.D.	2.	ug/l	1
	3-Methylphenol and 4-methylphenol cannot be resolved under the chromatographic conditions used for sample analysis. The result reported for 4-methylphenol represents the combined total of both compounds.					
04684	Carbazole	86-74-8	N.D.	1.	ug/l	1
06291	TCL by 8260 (water)					
05385	Chloromethane	74-87-3	N.D.	1.	ug/l	1
05386	Vinyl Chloride	75-01-4	N.D.	1.	ug/l	1
05387	Bromomethane	74-83-9	N.D.	1.	ug/l	1
05388	Chloroethane	75-00-3	N.D.	1.	ug/l	1
05390	1,1-Dichloroethene	75-35-4	N.D.	0.8	ug/l	1
05391	Methylene Chloride	75-09-2	N.D.	2.	ug/l	1

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 5136499

TF-123-082107 Grab Water Sample
Beacon - NY

Collected:08/21/2007 08:40 by EA

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Discard: 12/06/2007

Chevron Environmental Mgmt.
4800 Fournace Place
Bellaire TX 77401

TF123 SDG#: CBN47-03

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
05392	trans-1,2-Dichloroethene	156-60-5	N.D.	0.8	ug/l	1
05393	1,1-Dichloroethane	75-34-3	N.D.	1.	ug/l	1
05395	cis-1,2-Dichloroethene	156-59-2	N.D.	0.8	ug/l	1
05396	Chloroform	67-66-3	N.D.	0.8	ug/l	1
05398	1,1,1-Trichloroethane	71-55-6	N.D.	0.8	ug/l	1
05399	Carbon Tetrachloride	56-23-5	N.D.	1.	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	1.	ug/l	1
05403	Trichloroethene	79-01-6	N.D.	1.	ug/l	1
05404	1,2-Dichloropropane	78-87-5	N.D.	1.	ug/l	1
05406	Bromodichloromethane	75-27-4	N.D.	1.	ug/l	1
05407	Toluene	108-88-3	N.D.	0.7	ug/l	1
05408	1,1,2-Trichloroethane	79-00-5	N.D.	0.8	ug/l	1
05409	Tetrachloroethene	127-18-4	N.D.	0.8	ug/l	1
05411	Dibromochloromethane	124-48-1	N.D.	1.	ug/l	1
05413	Chlorobenzene	108-90-7	N.D.	0.8	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.8	ug/l	1
05419	Bromoform	75-25-2	N.D.	1.	ug/l	1
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.8	ug/l	1
06371	8260 Special Cmpds for Waters					
05654	2-Chloroethyl Vinyl Ether	110-75-8	N.D.	2.	ug/l	1
	2-Chloroethyl vinyl ether is an acid labile compound and may not be recovered in an acid preserved sample.					
05655	Trichlorofluoromethane	75-69-4	N.D.	2.	ug/l	1
06304	1,2-Dichloroethene (Total)	540-59-0	N.D.	0.8	ug/l	1
08171	1,3-Dichlorobenzene	541-73-1	N.D.	1.	ug/l	1
08172	1,4-Dichlorobenzene	106-46-7	N.D.	1.	ug/l	1
08173	1,2-Dichlorobenzene	95-50-1	N.D.	1.	ug/l	1

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

0021

Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 5136499

TF-123-082107 Grab Water Sample
Beacon - NY

Collected:08/21/2007 08:40 by EA

Account Number: 11387

Submitted: 08/23/2007 09:30
Reported: 09/21/2007 at 07:39
Discard: 12/06/2007

Chevron Environmental Mgmt.
4800 Fournace Place
Bellaire TX 77401

TF123 SDG#: CBN47-03

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
07055	Lead	SW-846 6010B	1	09/02/2007 00:43	Tara L Snyder	1
04678	TCL SW846 Semivolatiles/Waters	SW-846 8270C	1	08/31/2007 12:54	Joseph M Gambler	1
06291	TCL by 8260 (water)	SW-846 8260B	1	08/28/2007 12:38	Nicholas R Rossi	1
06371	8260 Special Cmpds for Waters	SW-846 8260B	1	08/28/2007 12:38	Nicholas R Rossi	1
00813	BNA Water Extraction	SW-846 3510C	2	08/28/2007 14:30	Kerrie A Greenfield	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	08/28/2007 12:38	Nicholas R Rossi	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	08/26/2007 23:00	Helen L Schaeffer	1

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Lancaster Laboratories

Lancaster Laboratories Sample No. WW 5136500

EB_#1-082107 Grab Water Sample
Beacon - NY

Collected:08/21/2007 08:50 by EA

Account Number: 11387

Submitted: 08/23/2007 09:30
Reported: 09/21/2007 at 07:39
Discard: 12/06/2007

Chevron Environmental Mgmt.
4800 Fournace Place
Bellaire TX 77401

BCEB1 SDG#: CBN47-04EB
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CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
07055	Lead	7439-92-1	N.D.	0.0069	mg/l	1
04678	TCL SW846 Semivolatiles/Waters					
03871	4-Chloroaniline	106-47-8	N.D.	1.	ug/l	1
03879	Dibenzofuran	132-64-9	N.D.	1.	ug/l	1
03905	2-Methylnaphthalene	91-57-6	N.D.	1.	ug/l	1
03907	2-Nitroaniline	88-74-4	N.D.	1.	ug/l	1
03908	3-Nitroaniline	99-09-2	N.D.	1.	ug/l	1
03909	4-Nitroaniline	100-01-6	N.D.	1.	ug/l	1
03922	2,4,5-Trichlorophenol	95-95-4	N.D.	1.	ug/l	1
03924	2-Chlorophenol	95-57-8	N.D.	1.	ug/l	1
03925	Phenol	108-95-2	N.D.	1.	ug/l	1
03926	2-Nitrophenol	88-75-5	N.D.	1.	ug/l	1
03927	2,4-Dimethylphenol	105-67-9	N.D.	3.	ug/l	1
03928	2,4-Dichlorophenol	120-83-2	N.D.	1.	ug/l	1
03929	4-Chloro-3-methylphenol	59-50-7	N.D.	1.	ug/l	1
03930	2,4,6-Trichlorophenol	88-06-2	N.D.	1.	ug/l	1
03931	2,4-Dinitrophenol	51-28-5	N.D.	21.	ug/l	1
03932	4-Nitrophenol	100-02-7	N.D.	11.	ug/l	1
03933	4,6-Dinitro-2-methylphenol	534-52-1	N.D.	5.	ug/l	1
03934	Pentachlorophenol	87-86-5	N.D.	3.	ug/l	1
03936	bis(2-Chloroethyl)ether	111-44-4	N.D.	1.	ug/l	1
03937	1,3-Dichlorobenzene	541-73-1	N.D.	1.	ug/l	1
03938	1,4-Dichlorobenzene	106-46-7	N.D.	1.	ug/l	1
03939	1,2-Dichlorobenzene	95-50-1	N.D.	1.	ug/l	1
03941	Hexachloroethane	67-72-1	N.D.	1.	ug/l	1
03942	N-Nitroso-di-n-propylamine	621-64-7	N.D.	1.	ug/l	1
03943	Nitrobenzene	98-95-3	N.D.	1.	ug/l	1
03944	Isophorone	78-59-1	N.D.	1.	ug/l	1
03945	bis(2-Chloroethoxy)methane	111-91-1	N.D.	1.	ug/l	1
03946	1,2,4-Trichlorobenzene	120-82-1	N.D.	1.	ug/l	1
03947	Naphthalene	91-20-3	N.D.	1.	ug/l	1
03948	Hexachlorobutadiene	87-68-3	N.D.	1.	ug/l	1
03949	Hexachlorocyclopentadiene	77-47-4	N.D.	5.	ug/l	1
03950	2-Chloronaphthalene	91-58-7	N.D.	2.	ug/l	1
03951	Acenaphthylene	208-96-8	N.D.	1.	ug/l	1
03952	Dimethylphthalate	131-11-3	N.D.	2.	ug/l	1
03953	2,6-Dinitrotoluene	606-20-2	N.D.	1.	ug/l	1
03954	Acenaphthene	83-32-9	N.D.	1.	ug/l	1

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Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 5136500

EB_#1-082107 Grab Water Sample
Beacon - NY

Collected:08/21/2007 08:50 by EA

Account Number: 11387

Submitted: 08/23/2007 09:30
Reported: 09/21/2007 at 07:39
Discard: 12/06/2007

Chevron Environmental Mgmt.
4800 Fournace Place
Bellaire TX 77401

BCEB1 SDG#: CBN47-04EB

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
03955	2,4-Dinitrotoluene	121-14-2	N.D.	1.	ug/l	1
03956	Fluorene	86-73-7	N.D.	1.	ug/l	1
03957	4-Chlorophenyl-phenylether	7005-72-3	N.D.	2.	ug/l	1
03958	Diethylphthalate	84-66-2	N.D.	2.	ug/l	1
03960	N-Nitrosodiphenylamine	86-30-6	N.D.	2.	ug/l	1
	N-nitrosodiphenylamine decomposes in the GC inlet forming diphenylamine. The result reported for N-nitrosodiphenylamine represents the combined total of both compounds.					
03961	4-Bromophenyl-phenylether	101-55-3	N.D.	1.	ug/l	1
03962	Hexachlorobenzene	118-74-1	N.D.	1.	ug/l	1
03963	Phenanthrene	85-01-8	N.D.	1.	ug/l	1
03964	Anthracene	120-12-7	N.D.	1.	ug/l	1
03965	Di-n-butylphthalate	84-74-2	N.D.	2.	ug/l	1
03966	Fluoranthene	206-44-0	N.D.	1.	ug/l	1
03967	Pyrene	129-00-0	N.D.	1.	ug/l	1
03969	Butylbenzylphthalate	85-68-7	N.D.	2.	ug/l	1
03970	Benzo(a)anthracene	56-55-3	N.D.	1.	ug/l	1
03971	Chrysene	218-01-9	N.D.	1.	ug/l	1
03972	3,3'-Dichlorobenzidine	91-94-1	N.D.	2.	ug/l	1
03973	bis(2-Ethylhexyl)phthalate	117-81-7	N.D.	2.	ug/l	1
03974	Di-n-octylphthalate	117-84-0	N.D.	2.	ug/l	1
03975	Benzo(b)fluoranthene	205-99-2	N.D.	1.	ug/l	1
03976	Benzo(k)fluoranthene	207-08-9	N.D.	1.	ug/l	1
03977	Benzo(a)pyrene	50-32-8	N.D.	1.	ug/l	1
03978	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	1.	ug/l	1
03979	Dibenz(a,h)anthracene	53-70-3	N.D.	1.	ug/l	1
03980	Benzo(g,h,i)perylene	191-24-2	N.D.	1.	ug/l	1
04680	2-Methylphenol	95-48-7	N.D.	1.	ug/l	1
04681	2,2'-oxybis(1-Chloropropane)	108-60-1	N.D.	1.	ug/l	1
04682	4-Methylphenol	106-44-5	N.D.	2.	ug/l	1
	3-Methylphenol and 4-methylphenol cannot be resolved under the chromatographic conditions used for sample analysis. The result reported for 4-methylphenol represents the combined total of both compounds.					
04684	Carbazole	86-74-8	N.D.	1.	ug/l	1
	Due to insufficient sample, the reporting limits for the GC/MS semivolatile compounds were raised.					
06291	TCL by 8260 (water)					
05385	Chloromethane	74-87-3	N.D.	1.	ug/l	1
05386	Vinyl Chloride	75-01-4	N.D.	1.	ug/l	1
05387	Bromomethane	74-83-9	N.D.	1.	ug/l	1
05388	Chloroethane	75-00-3	N.D.	1.	ug/l	1

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 5136500

EB_#1-082107 Grab Water Sample
Beacon - NY

Collected:08/21/2007 08:50 by EA

Account Number: 11387

Submitted: 08/23/2007 09:30
Reported: 09/21/2007 at 07:39
Discard: 12/06/2007

Chevron Environmental Mgmt.
4800 Fournace Place
Bellaire TX 77401

BCEB1 SDG#: CBN47-04EB

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
05390	1,1-Dichloroethene	75-35-4	N.D.	0.8	ug/l	1
05391	Methylene Chloride	75-09-2	N.D.	2.	ug/l	1
05393	1,1-Dichloroethane	75-34-3	N.D.	1.	ug/l	1
05396	Chloroform	67-66-3	N.D.	0.8	ug/l	1
05398	1,1,1-Trichloroethane	71-55-6	N.D.	0.8	ug/l	1
05399	Carbon Tetrachloride	56-23-5	N.D.	1.	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	1.	ug/l	1
05403	Trichloroethene	79-01-6	N.D.	1.	ug/l	1
05404	1,2-Dichloropropane	78-87-5	N.D.	1.	ug/l	1
05406	Bromodichloromethane	75-27-4	N.D.	1.	ug/l	1
05407	Toluene	108-88-3	N.D.	0.7	ug/l	1
05408	1,1,2-Trichloroethane	79-00-5	N.D.	0.8	ug/l	1
05409	Tetrachloroethene	127-18-4	N.D.	0.8	ug/l	1
05411	Dibromochloromethane	124-48-1	N.D.	1.	ug/l	1
05413	Chlorobenzene	108-90-7	N.D.	0.8	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.8	ug/l	1
05419	Bromoform	75-25-2	N.D.	1.	ug/l	1
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.	ug/l	1
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.	ug/l	1
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.8	ug/l	1
06371	8260 Special Cmpds for Waters					
05654	2-Chloroethyl Vinyl Ether	110-75-8	N.D.	2.	ug/l	1
	2-Chloroethyl vinyl ether is an acid labile compound and may not be recovered in an acid preserved sample.					
05655	Trichlorofluoromethane	75-69-4	N.D.	2.	ug/l	1
06304	1,2-Dichloroethene (Total)	540-59-0	N.D.	0.8	ug/l	1
08171	1,3-Dichlorobenzene	541-73-1	N.D.	1.	ug/l	1
08172	1,4-Dichlorobenzene	106-46-7	N.D.	1.	ug/l	1
08173	1,2-Dichlorobenzene	95-50-1	N.D.	1.	ug/l	1

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

8825

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2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 5136500

EB_#1-082107 Grab Water Sample
Beacon - NY

Collected:08/21/2007 08:50 by EA

Account Number: 11387

Submitted: 08/23/2007 09:30
Reported: 09/21/2007 at 07:39
Discard: 12/06/2007

Chevron Environmental Mgmt.
4800 Fournace Place
Bellaire TX 77401

BCEB1 SDG#: CBN47-04EB

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
07055	Lead	SW-846 6010B	1	09/02/2007 00:47	Tara L Snyder	1
04678	TCL SW846 Semivolatiles/Waters	SW-846 8270C	1	08/25/2007 07:03	Linda M Hartenstine	1
06291	TCL by 8260 (water)	SW-846 8260B	1	08/28/2007 13:01	Nicholas R Rossi	1
06371	8260 Special Cmpds for Waters	SW-846 8260B	1	08/28/2007 13:01	Nicholas R Rossi	1
00813	BNA Water Extraction	SW-846 3510C	1	08/24/2007 11:00	Mariam G Attalla	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	08/28/2007 13:01	Nicholas R Rossi	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	08/26/2007 23:00	Helen L Schaeffer	1

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Lancaster Laboratories

Lancaster Laboratories Sample No. WW 5136501

Trip_Blank-082107 Water Sample
Beacon - NY

Collected:08/21/2007

Account Number: 11387

Submitted: 08/23/2007 09:30
Reported: 09/21/2007 at 07:39
Discard: 12/06/2007

Chevron Environmental Mgmt.
4800 Fournace Place
Bellaire TX 77401

BCTRB SDG#: CBN47-05TB
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CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
06291	TCL by 8260 (water)					
05385	Chloromethane	74-87-3	N.D.	1.	ug/l	1
05386	Vinyl Chloride	75-01-4	N.D.	1.	ug/l	1
05387	Bromomethane	74-83-9	N.D.	1.	ug/l	1
05388	Chloroethane	75-00-3	N.D.	1.	ug/l	1
05390	1,1-Dichloroethene	75-35-4	N.D.	0.8	ug/l	1
05391	Methylene Chloride	75-09-2	N.D.	2.	ug/l	1
05393	1,1-Dichloroethane	75-34-3	N.D.	1.	ug/l	1
05396	Chloroform	67-66-3	N.D.	0.8	ug/l	1
05398	1,1,1-Trichloroethane	71-55-6	N.D.	0.8	ug/l	1
05399	Carbon Tetrachloride	56-23-5	N.D.	1.	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	1.	ug/l	1
05403	Trichloroethene	79-01-6	N.D.	1.	ug/l	1
05404	1,2-Dichloropropane	78-87-5	N.D.	1.	ug/l	1
05406	Bromodichloromethane	75-27-4	N.D.	1.	ug/l	1
05407	Toluene	108-88-3	N.D.	0.7	ug/l	1
05408	1,1,2-Trichloroethane	79-00-5	N.D.	0.8	ug/l	1
05409	Tetrachloroethene	127-18-4	N.D.	0.8	ug/l	1
05411	Dibromochloromethane	124-48-1	N.D.	1.	ug/l	1
05413	Chlorobenzene	108-90-7	N.D.	0.8	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.8	ug/l	1
05419	Bromoform	75-25-2	N.D.	1.	ug/l	1
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.	ug/l	1
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.	ug/l	1
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.8	ug/l	1
06371	8260 Special Cmpds for Waters					
05654	2-Chloroethyl Vinyl Ether	110-75-8	N.D.	2.	ug/l	1
	2-Chloroethyl vinyl ether is an acid labile compound and may not be recovered in an acid preserved sample.					
05655	Trichlorofluoromethane	75-69-4	N.D.	2.	ug/l	1
06304	1,2-Dichloroethene (Total)	540-59-0	N.D.	0.8	ug/l	1
08171	1,3-Dichlorobenzene	541-73-1	N.D.	1.	ug/l	1
08172	1,4-Dichlorobenzene	106-46-7	N.D.	1.	ug/l	1
08173	1,2-Dichlorobenzene	95-50-1	N.D.	1.	ug/l	1

0027

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Lancaster Laboratories

Lancaster Laboratories Sample No. WW 5136501

Trip_Blank-082107 Water Sample
Beacon - NY

Collected:08/21/2007

Account Number: 11387

Submitted: 08/23/2007 09:30
Reported: 09/21/2007 at 07:39
Discard: 12/06/2007

Chevron Environmental Mgmt.
4800 Fournace Place
Bellaire TX 77401

BCTRB SDG#: CBN47-05TB

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
06291	TCL by 8260 (water)	SW-846 8260B	1	08/28/2007 13:24	Nicholas R Rossi	1
06371	8260 Special Cmpds for Waters	SW-846 8260B	1	08/28/2007 13:24	Nicholas R Rossi	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	08/28/2007 13:24	Nicholas R Rossi	1

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Lancaster Laboratories

Lancaster Laboratories Sample No. WW 5136502

DC-2-082107 Grab Water Sample
Beacon - NY

Collected:08/21/2007 09:00 by EA

Account Number: 11387

Submitted: 08/23/2007 09:30
Reported: 09/21/2007 at 07:39
Discard: 12/06/2007

Chevron Environmental Mgmt.
4800 Fournace Place
Bellaire TX 77401

DC--2 SDG#: CBN47-06
I 5E w

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
07055	Lead	7439-92-1	N.D.	0.0069	mg/l	1
04678	TCL SW846 Semivolatiles/Waters					
03871	4-Chloroaniline	106-47-8	N.D.	1.	ug/l	1
03879	Dibenzofuran	132-64-9	N.D.	1.	ug/l	1
03905	2-Methylnaphthalene	91-57-6	N.D.	1.	ug/l	1
03907	2-Nitroaniline	88-74-4	N.D.	1.	ug/l	1
03908	3-Nitroaniline	99-09-2	N.D.	1.	ug/l	1
03909	4-Nitroaniline	100-01-6	N.D.	1.	ug/l	1
03922	2,4,5-Trichlorophenol	95-95-4	N.D.	1.	ug/l	1
03924	2-Chlorophenol	95-57-8	N.D.	1.	ug/l	1
03925	Phenol	108-95-2	N.D.	1.	ug/l	1
03926	2-Nitrophenol	88-75-5	N.D.	1.	ug/l	1
03927	2,4-Dimethylphenol	105-67-9	N.D.	3.	ug/l	1
03928	2,4-Dichlorophenol	120-83-2	N.D.	1.	ug/l	1
03929	4-Chloro-3-methylphenol	59-50-7	N.D.	1.	ug/l	1
03930	2,4,6-Trichlorophenol	88-06-2	N.D.	1.	ug/l	1
03931	2,4-Dinitrophenol	51-28-5	N.D.	20.	ug/l	1
03932	4-Nitrophenol	100-02-7	N.D.	10.	ug/l	1
03933	4,6-Dinitro-2-methylphenol	534-52-1	N.D.	5.	ug/l	1
03934	Pentachlorophenol	87-86-5	N.D.	3.	ug/l	1
03936	bis(2-Chloroethyl)ether	111-44-4	N.D.	1.	ug/l	1
03937	1,3-Dichlorobenzene	541-73-1	N.D.	1.	ug/l	1
03938	1,4-Dichlorobenzene	106-46-7	N.D.	1.	ug/l	1
03939	1,2-Dichlorobenzene	95-50-1	N.D.	1.	ug/l	1
03941	Hexachloroethane	67-72-1	N.D.	1.	ug/l	1
03942	N-Nitroso-di-n-propylamine	621-64-7	N.D.	1.	ug/l	1
03943	Nitrobenzene	98-95-3	N.D.	1.	ug/l	1
03944	Isophorone	78-59-1	N.D.	1.	ug/l	1
03945	bis(2-Chloroethoxy)methane	111-91-1	N.D.	1.	ug/l	1
03946	1,2,4-Trichlorobenzene	120-82-1	N.D.	1.	ug/l	1
03947	Naphthalene	91-20-3	N.D.	1.	ug/l	1
03948	Hexachlorobutadiene	87-68-3	N.D.	1.	ug/l	1
03949	Hexachlorocyclopentadiene	77-47-4	N.D.	5.	ug/l	1
03950	2-Chloronaphthalene	91-58-7	N.D.	2.	ug/l	1
03951	Acenaphthylene	208-96-8	N.D.	1.	ug/l	1
03952	Dimethylphthalate	131-11-3	N.D.	2.	ug/l	1
03953	2,6-Dinitrotoluene	606-20-2	N.D.	1.	ug/l	1
03954	Acenaphthene	83-32-9	N.D.	1.	ug/l	1

0029

Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 5136502

DC-2-082107 Grab Water Sample
Beacon - NY

Collected:08/21/2007 09:00 by EA

Account Number: 11387

Submitted: 08/23/2007 09:30
Reported: 09/21/2007 at 07:39
Discard: 12/06/2007

Chevron Environmental Mgmt.
4800 Fournace Place
Bellaire TX 77401

DC--2 SDG#: CBN47-06

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
03955	2,4-Dinitrotoluene	121-14-2	N.D.	1.	ug/l	1
03956	Fluorene	86-73-7	N.D.	1.	ug/l	1
03957	4-Chlorophenyl-phenylether	7005-72-3	N.D.	2.	ug/l	1
03958	Diethylphthalate	84-66-2	N.D.	2.	ug/l	1
03960	N-Nitrosodiphenylamine	86-30-6	N.D.	2.	ug/l	1
	N-nitrosodiphenylamine decomposes in the GC inlet forming diphenylamine. The result reported for N-nitrosodiphenylamine represents the combined total of both compounds.					
03961	4-Bromophenyl-phenylether	101-55-3	N.D.	1.	ug/l	1
03962	Hexachlorobenzene	118-74-1	N.D.	1.	ug/l	1
03963	Phenanthrene	85-01-8	N.D.	1.	ug/l	1
03964	Anthracene	120-12-7	N.D.	1.	ug/l	1
03965	Di-n-butylphthalate	84-74-2	N.D.	2.	ug/l	1
03966	Fluoranthene	206-44-0	N.D.	1.	ug/l	1
03967	Pyrene	129-00-0	N.D.	1.	ug/l	1
03969	Butylbenzylphthalate	85-68-7	N.D.	2.	ug/l	1
03970	Benzo(a)anthracene	56-55-3	N.D.	1.	ug/l	1
03971	Chrysene	218-01-9	N.D.	1.	ug/l	1
03972	3,3'-Dichlorobenzidine	91-94-1	N.D.	2.	ug/l	1
03973	bis(2-Ethylhexyl)phthalate	117-81-7	N.D.	2.	ug/l	1
03974	Di-n-octylphthalate	117-84-0	N.D.	2.	ug/l	1
03975	Benzo(b)fluoranthene	205-99-2	N.D.	1.	ug/l	1
03976	Benzo(k)fluoranthene	207-08-9	N.D.	1.	ug/l	1
03977	Benzo(a)pyrene	50-32-8	N.D.	1.	ug/l	1
03978	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	1.	ug/l	1
03979	Dibenz(a,h)anthracene	53-70-3	N.D.	1.	ug/l	1
03980	Benzo(g,h,i)perylene	191-24-2	N.D.	1.	ug/l	1
04680	2-Methylphenol	95-48-7	N.D.	1.	ug/l	1
04681	2,2'-oxybis(1-Chloropropane)	108-60-1	N.D.	1.	ug/l	1
04682	4-Methylphenol	106-44-5	N.D.	2.	ug/l	1
	3-Methylphenol and 4-methylphenol cannot be resolved under the chromatographic conditions used for sample analysis. The result reported for 4-methylphenol represents the combined total of both compounds.					
04684	Carbazole	86-74-8	N.D.	1.	ug/l	1
06291	TCL by 8260 (water)					
05385	Chloromethane	74-87-3	N.D.	1.	ug/l	1
05386	Vinyl Chloride	75-01-4	N.D.	1.	ug/l	1
05387	Bromomethane	74-83-9	N.D.	1.	ug/l	1
05388	Chloroethane	75-00-3	N.D.	1.	ug/l	1
05390	1,1-Dichloroethene	75-35-4	N.D.	0.8	ug/l	1
05391	Methylene Chloride	75-09-2	N.D.	2.	ug/l	1

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Lancaster Laboratories Sample No. WW 5136502

DC-2-082107 Grab Water Sample
Beacon - NY

Collected:08/21/2007 09:00 by EA

Account Number: 11387

Submitted: 08/23/2007 09:30
Reported: 09/21/2007 at 07:39
Discard: 12/06/2007

Chevron Environmental Mgmt.
4800 Fournace Place
Bellaire TX 77401

DC--2 SDG#: CBN47-06

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
05393	1,1-Dichloroethane	75-34-3	N.D.	1.	ug/l	1
05396	Chloroform	67-66-3	N.D.	0.8	ug/l	1
05398	1,1,1-Trichloroethane	71-55-6	N.D.	0.8	ug/l	1
05399	Carbon Tetrachloride	56-23-5	N.D.	1.	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	1.	ug/l	1
05403	Trichloroethene	79-01-6	N.D.	1.	ug/l	1
05404	1,2-Dichloropropane	78-87-5	N.D.	1.	ug/l	1
05406	Bromodichloromethane	75-27-4	N.D.	1.	ug/l	1
05407	Toluene	108-88-3	N.D.	0.7	ug/l	1
05408	1,1,2-Trichloroethane	79-00-5	N.D.	0.8	ug/l	1
05409	Tetrachloroethene	127-18-4	N.D.	0.8	ug/l	1
05411	Dibromochloromethane	124-48-1	N.D.	1.	ug/l	1
05413	Chlorobenzene	108-90-7	N.D.	0.8	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.8	ug/l	1
05419	Bromoform	75-25-2	N.D.	1.	ug/l	1
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.	ug/l	1
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.	ug/l	1
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.8	ug/l	1
06371	8260 Special Cmpds for Waters					
05654	2-Chloroethyl Vinyl Ether	110-75-8	N.D.	2.	ug/l	1
	2-Chloroethyl vinyl ether is an acid labile compound and may not be recovered in an acid preserved sample.					
05655	Trichlorofluoromethane	75-69-4	N.D.	2.	ug/l	1
06304	1,2-Dichloroethene (Total)	540-59-0	N.D.	0.8	ug/l	1
08171	1,3-Dichlorobenzene	541-73-1	N.D.	1.	ug/l	1
08172	1,4-Dichlorobenzene	106-46-7	N.D.	1.	ug/l	1
08173	1,2-Dichlorobenzene	95-50-1	N.D.	1.	ug/l	1

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

0031

Lancaster Laboratories, Inc.
2425 New Holland Pike
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Lancaster, PA 17605-2425
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Lancaster Laboratories

Lancaster Laboratories Sample No. WW 5136502

DC-2-082107 Grab Water Sample
Beacon - NY

Collected:08/21/2007 09:00 by EA

Account Number: 11387

Submitted: 08/23/2007 09:30
Reported: 09/21/2007 at 07:39
Discard: 12/06/2007

Chevron Environmental Mgmt.
4800 Fournace Place
Bellaire TX 77401

DC--2 SDG#: CBN47-06

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
07055	Lead	SW-846 6010B	1	09/02/2007 00:52	Tara L Snyder	1
04678	TCL SW846 Semivolatiles/Waters	SW-846 8270C	1	08/25/2007 07:25	Linda M Hartenstine	1
06291	TCL by 8260 (water)	SW-846 8260B	1	08/28/2007 13:47	Nicholas R Rossi	1
06371	8260 Special Cmpds for Waters	SW-846 8260B	1	08/28/2007 13:47	Nicholas R Rossi	1
00813	BNA Water Extraction	SW-846 3510C	1	08/24/2007 11:00	Mariam G Attalla	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	08/28/2007 13:47	Nicholas R Rossi	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	08/26/2007 23:00	Helen L Schaeffer	1

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Lancaster Laboratories

Lancaster Laboratories Sample No. WW 5136503

DB-8A-082107 Grab Water Sample
Beacon - NY

Collected:08/21/2007 09:20 by EA

Account Number: 11387

Submitted: 08/23/2007 09:30
Reported: 09/21/2007 at 07:39
Discard: 12/06/2007

Chevron Environmental Mgmt.
4800 Fournace Place
Bellaire TX 77401

DB-8A SDG#: CBN47-07
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CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit	Units	Dilution Factor
07055	Lead	7439-92-1	N.D.		0.0069	mg/l	1
04678	TCL SW846 Semivolatiles/Waters						
03871	4-Chloroaniline	106-47-8	N.D.		1.	ug/l	1
03879	Dibenzofuran	132-64-9	N.D.		1.	ug/l	1
03905	2-Methylnaphthalene	91-57-6	N.D.		1.	ug/l	1
03907	2-Nitroaniline	88-74-4	N.D.		1.	ug/l	1
03908	3-Nitroaniline	99-09-2	N.D.		1.	ug/l	1
03909	4-Nitroaniline	100-01-6	N.D.		1.	ug/l	1
03922	2,4,5-Trichlorophenol	95-95-4	N.D.		1.	ug/l	1
03924	2-Chlorophenol	95-57-8	N.D.		1.	ug/l	1
03925	Phenol	108-95-2	N.D.		1.	ug/l	1
03926	2-Nitrophenol	88-75-5	N.D.		1.	ug/l	1
03927	2,4-Dimethylphenol	105-67-9	N.D.		3.	ug/l	1
03928	2,4-Dichlorophenol	120-83-2	N.D.		1.	ug/l	1
03929	4-Chloro-3-methylphenol	59-50-7	N.D.		1.	ug/l	1
03930	2,4,6-Trichlorophenol	88-06-2	N.D.		1.	ug/l	1
03931	2,4-Dinitrophenol	51-28-5	N.D.		20.	ug/l	1
03932	4-Nitrophenol	100-02-7	N.D.		10.	ug/l	1
03933	4,6-Dinitro-2-methylphenol	534-52-1	N.D.		5.	ug/l	1
03934	Pentachlorophenol	87-86-5	N.D.		3.	ug/l	1
03936	bis(2-Chloroethyl)ether	111-44-4	N.D.		1.	ug/l	1
03937	1,3-Dichlorobenzene	541-73-1	N.D.		1.	ug/l	1
03938	1,4-Dichlorobenzene	106-46-7	N.D.		1.	ug/l	1
03939	1,2-Dichlorobenzene	95-50-1	N.D.		1.	ug/l	1
03941	Hexachloroethane	67-72-1	N.D.		1.	ug/l	1
03942	N-Nitroso-di-n-propylamine	621-64-7	N.D.		1.	ug/l	1
03943	Nitrobenzene	98-95-3	N.D.		1.	ug/l	1
03944	Isophorone	78-59-1	N.D.		1.	ug/l	1
03945	bis(2-Chloroethoxy)methane	111-91-1	N.D.		1.	ug/l	1
03946	1,2,4-Trichlorobenzene	120-82-1	N.D.		1.	ug/l	1
03947	Naphthalene	91-20-3	N.D.		1.	ug/l	1
03948	Hexachlorobutadiene	87-68-3	5.	J	1.	ug/l	1
03949	Hexachlorocyclopentadiene	77-47-4	N.D.		5.	ug/l	1
03950	2-Chloronaphthalene	91-58-7	N.D.		2.	ug/l	1
03951	Acenaphthylene	208-96-8	N.D.		1.	ug/l	1
03952	Dimethylphthalate	131-11-3	N.D.		2.	ug/l	1
03953	2,6-Dinitrotoluene	606-20-2	N.D.		1.	ug/l	1
03954	Acenaphthene	83-32-9	N.D.		1.	ug/l	1

0033

Lancaster Laboratories, Inc.
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Lancaster Laboratories

Lancaster Laboratories Sample No. WW 5136503

DB-8A-082107 Grab Water Sample
Beacon - NY

Collected:08/21/2007 09:20 by EA

Account Number: 11387

Submitted: 08/23/2007 09:30
Reported: 09/21/2007 at 07:39
Discard: 12/06/2007

Chevron Environmental Mgmt.
4800 Fournace Place
Bellaire TX 77401

DB-8A SDG#: CBN47-07

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
03955	2,4-Dinitrotoluene	121-14-2	N.D.	1.	ug/l	1
03956	Fluorene	86-73-7	N.D.	1.	ug/l	1
03957	4-Chlorophenyl-phenylether	7005-72-3	N.D.	2.	ug/l	1
03958	Diethylphthalate	84-66-2	N.D.	2.	ug/l	1
03960	N-Nitrosodiphenylamine	86-30-6	N.D.	2.	ug/l	1
	N-nitrosodiphenylamine decomposes in the GC inlet forming diphenylamine. The result reported for N-nitrosodiphenylamine represents the combined total of both compounds.					
03961	4-Bromophenyl-phenylether	101-55-3	N.D.	1.	ug/l	1
03962	Hexachlorobenzene	118-74-1	N.D.	1.	ug/l	1
03963	Phenanthrene	85-01-8	N.D.	1.	ug/l	1
03964	Anthracene	120-12-7	N.D.	1.	ug/l	1
03965	Di-n-butylphthalate	84-74-2	N.D.	2.	ug/l	1
03966	Fluoranthene	206-44-0	N.D.	1.	ug/l	1
03967	Pyrene	129-00-0	N.D.	1.	ug/l	1
03969	Butylbenzylphthalate	85-68-7	N.D.	2.	ug/l	1
03970	Benzo(a)anthracene	56-55-3	N.D.	1.	ug/l	1
03971	Chrysene	218-01-9	N.D.	1.	ug/l	1
03972	3,3'-Dichlorobenzidine	91-94-1	N.D.	2.	ug/l	1
03973	bis(2-Ethylhexyl)phthalate	117-81-7	N.D.	2.	ug/l	1
03974	Di-n-octylphthalate	117-84-0	N.D.	2.	ug/l	1
03975	Benzo(b)fluoranthene	205-99-2	N.D.	1.	ug/l	1
03976	Benzo(k)fluoranthene	207-08-9	N.D.	1.	ug/l	1
03977	Benzo(a)pyrene	50-32-8	N.D.	1.	ug/l	1
03978	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	1.	ug/l	1
03979	Dibenz(a,h)anthracene	53-70-3	N.D.	1.	ug/l	1
03980	Benzo(g,h,i)perylene	191-24-2	N.D.	1.	ug/l	1
04680	2-Methylphenol	95-48-7	N.D.	1.	ug/l	1
04681	2,2'-oxybis(1-Chloropropane)	108-60-1	N.D.	1.	ug/l	1
04682	4-Methylphenol	106-44-5	N.D.	2.	ug/l	1
	3-Methylphenol and 4-methylphenol cannot be resolved under the chromatographic conditions used for sample analysis. The result reported for 4-methylphenol represents the combined total of both compounds.					
04684	Carbazole	86-74-8	N.D.	1.	ug/l	1
06291	TCL by 8260 (water)					
05385	Chloromethane	74-87-3	N.D.	1.	ug/l	1
05386	Vinyl Chloride	75-01-4	N.D.	1.	ug/l	1
05387	Bromomethane	74-83-9	N.D.	1.	ug/l	1
05388	Chloroethane	75-00-3	N.D.	1.	ug/l	1
05390	1,1-Dichloroethene	75-35-4	N.D.	0.8	ug/l	1
05391	Methylene Chloride	75-09-2	N.D.	2.	ug/l	1

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Lancaster Laboratories

Lancaster Laboratories Sample No. WW 5136503

DB-8A-082107 Grab Water Sample
Beacon - NY

Collected:08/21/2007 09:20 by EA

Account Number: 11387

Submitted: 08/23/2007 09:30
Reported: 09/21/2007 at 07:39
Discard: 12/06/2007

Chevron Environmental Mgmt.
4800 Fournace Place
Bellaire TX 77401

DB-8A SDG#: CBN47-07

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
05393	1,1-Dichloroethane	75-34-3	N.D.	1.	ug/l	1
05396	Chloroform	67-66-3	1. J	0.8	ug/l	1
05398	1,1,1-Trichloroethane	71-55-6	N.D.	0.8	ug/l	1
05399	Carbon Tetrachloride	56-23-5	N.D.	1.	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	1.	ug/l	1
05403	Trichloroethene	79-01-6	13.	1.	ug/l	1
05404	1,2-Dichloropropane	78-87-5	N.D.	1.	ug/l	1
05406	Bromodichloromethane	75-27-4	N.D.	1.	ug/l	1
05407	Toluene	108-88-3	N.D.	0.7	ug/l	1
05408	1,1,2-Trichloroethane	79-00-5	N.D.	0.8	ug/l	1
05409	Tetrachloroethene	127-18-4	N.D.	0.8	ug/l	1
05411	Dibromochloromethane	124-48-1	N.D.	1.	ug/l	1
05413	Chlorobenzene	108-90-7	N.D.	0.8	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.8	ug/l	1
05419	Bromoform	75-25-2	N.D.	1.	ug/l	1
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.	ug/l	1
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.	ug/l	1
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.8	ug/l	1
06371	8260 Special Cmpds for Waters					
05654	2-Chloroethyl Vinyl Ether	110-75-8	N.D.	2.	ug/l	1
	2-Chloroethyl vinyl ether is an acid labile compound and may not be recovered in an acid preserved sample.					
05655	Trichlorofluoromethane	75-69-4	N.D.	2.	ug/l	1
06304	1,2-Dichloroethene (Total)	540-59-0	N.D.	0.8	ug/l	1
08171	1,3-Dichlorobenzene	541-73-1	N.D.	1.	ug/l	1
08172	1,4-Dichlorobenzene	106-46-7	N.D.	1.	ug/l	1
08173	1,2-Dichlorobenzene	95-50-1	N.D.	1.	ug/l	1

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

0035

Lancaster Laboratories, Inc.
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Lancaster Laboratories

Lancaster Laboratories Sample No. WW 5136503

DB-8A-082107 Grab Water Sample
Beacon - NY

Collected:08/21/2007 09:20 by EA

Account Number: 11387

Submitted: 08/23/2007 09:30
Reported: 09/21/2007 at 07:39
Discard: 12/06/2007

Chevron Environmental Mgmt.
4800 Fournace Place
Bellaire TX 77401

DB-8A SDG#: CBN47-07

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
07055	Lead	SW-846 6010B	1	09/02/2007 00:56	Tara L Snyder	1
04678	TCL SW846 Semivolatiles/Waters	SW-846 8270C	1	08/28/2007 00:51	Linda M Hartenstine	1
06291	TCL by 8260 (water)	SW-846 8260B	1	08/28/2007 14:10	Nicholas R Rossi	1
06371	8260 Special Cmpds for Waters	SW-846 8260B	1	08/28/2007 14:10	Nicholas R Rossi	1
00813	BNA Water Extraction	SW-846 3510C	1	08/24/2007 11:00	Mariam G Attalla	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	08/28/2007 14:10	Nicholas R Rossi	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	08/26/2007 23:00	Helen L Schaeffer	1

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Lancaster Laboratories

Lancaster Laboratories Sample No. WW 5136504

OS-2-082107 Grab Water Sample
Beacon - NY

Collected:08/21/2007 10:00 by EA

Account Number: 11387

Submitted: 08/23/2007 09:30
Reported: 09/21/2007 at 07:40
Discard: 12/06/2007

Chevron Environmental Mgmt.
4800 Fournace Place
Bellaire TX 77401

OS--1 SDG#: CBN47-08
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CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
07055	Lead	7439-92-1	N.D.	0.0069	mg/l	1
04678	TCL SW846 Semivolatiles/Waters					
03871	4-Chloroaniline	106-47-8	N.D.	1.	ug/l	1
03879	Dibenzofuran	132-64-9	N.D.	1.	ug/l	1
03905	2-Methylnaphthalene	91-57-6	N.D.	1.	ug/l	1
03907	2-Nitroaniline	88-74-4	N.D.	1.	ug/l	1
03908	3-Nitroaniline	99-09-2	N.D.	1.	ug/l	1
03909	4-Nitroaniline	100-01-6	N.D.	1.	ug/l	1
03922	2,4,5-Trichlorophenol	95-95-4	N.D.	1.	ug/l	1
03924	2-Chlorophenol	95-57-8	N.D.	1.	ug/l	1
03925	Phenol	108-95-2	N.D.	1.	ug/l	1
03926	2-Nitrophenol	88-75-5	N.D.	1.	ug/l	1
03927	2,4-Dimethylphenol	105-67-9	N.D.	3.	ug/l	1
03928	2,4-Dichlorophenol	120-83-2	N.D.	1.	ug/l	1
03929	4-Chloro-3-methylphenol	59-50-7	N.D.	1.	ug/l	1
03930	2,4,6-Trichlorophenol	88-06-2	N.D.	1.	ug/l	1
03931	2,4-Dinitrophenol	51-28-5	N.D.	20.	ug/l	1
03932	4-Nitrophenol	100-02-7	N.D.	10.	ug/l	1
03933	4,6-Dinitro-2-methylphenol	534-52-1	N.D.	5.	ug/l	1
03934	Pentachlorophenol	87-86-5	N.D.	3.	ug/l	1
03936	bis(2-Chloroethyl)ether	111-44-4	N.D.	1.	ug/l	1
03937	1,3-Dichlorobenzene	541-73-1	N.D.	1.	ug/l	1
03938	1,4-Dichlorobenzene	106-46-7	N.D.	1.	ug/l	1
03939	1,2-Dichlorobenzene	95-50-1	N.D.	1.	ug/l	1
03941	Hexachloroethane	67-72-1	N.D.	1.	ug/l	1
03942	N-Nitroso-di-n-propylamine	621-64-7	N.D.	1.	ug/l	1
03943	Nitrobenzene	98-95-3	N.D.	1.	ug/l	1
03944	Isophorone	78-59-1	N.D.	1.	ug/l	1
03945	bis(2-Chloroethoxy)methane	111-91-1	N.D.	1.	ug/l	1
03946	1,2,4-Trichlorobenzene	120-82-1	N.D.	1.	ug/l	1
03947	Naphthalene	91-20-3	N.D.	1.	ug/l	1
03948	Hexachlorobutadiene	87-68-3	N.D.	1.	ug/l	1
03949	Hexachlorocyclopentadiene	77-47-4	N.D.	5.	ug/l	1
03950	2-Chloronaphthalene	91-58-7	N.D.	2.	ug/l	1
03951	Acenaphthylene	208-96-8	N.D.	1.	ug/l	1
03952	Dimethylphthalate	131-11-3	N.D.	2.	ug/l	1
03953	2,6-Dinitrotoluene	606-20-2	N.D.	1.	ug/l	1
03954	Acenaphthene	83-32-9	N.D.	1.	ug/l	1

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Lancaster Laboratories

Lancaster Laboratories Sample No. WW 5136504

OS-2-082107 Grab Water Sample
Beacon - NY

Collected:08/21/2007 10:00 by EA

Account Number: 11387

Submitted: 08/23/2007 09:30
Reported: 09/21/2007 at 07:40
Discard: 12/06/2007

Chevron Environmental Mgmt.
4800 Fournace Place
Bellaire TX 77401

OS--1 SDG#: CBN47-08

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
03955	2,4-Dinitrotoluene	121-14-2	N.D.	1.	ug/l	1
03956	Fluorene	86-73-7	N.D.	1.	ug/l	1
03957	4-Chlorophenyl-phenylether	7005-72-3	N.D.	2.	ug/l	1
03958	Diethylphthalate	84-66-2	N.D.	2.	ug/l	1
03960	N-Nitrosodiphenylamine	86-30-6	N.D.	2.	ug/l	1
	N-nitrosodiphenylamine decomposes in the GC inlet forming diphenylamine. The result reported for N-nitrosodiphenylamine represents the combined total of both compounds.					
03961	4-Bromophenyl-phenylether	101-55-3	N.D.	1.	ug/l	1
03962	Hexachlorobenzene	118-74-1	N.D.	1.	ug/l	1
03963	Phenanthrene	85-01-8	N.D.	1.	ug/l	1
03964	Anthracene	120-12-7	N.D.	1.	ug/l	1
03965	Di-n-butylphthalate	84-74-2	N.D.	2.	ug/l	1
03966	Fluoranthene	206-44-0	N.D.	1.	ug/l	1
03967	Pyrene	129-00-0	N.D.	1.	ug/l	1
03969	Butylbenzylphthalate	85-68-7	N.D.	2.	ug/l	1
03970	Benzo(a)anthracene	56-55-3	N.D.	1.	ug/l	1
03971	Chrysene	218-01-9	N.D.	1.	ug/l	1
03972	3,3'-Dichlorobenzidine	91-94-1	N.D.	2.	ug/l	1
03973	bis(2-Ethylhexyl)phthalate	117-81-7	N.D.	2.	ug/l	1
03974	Di-n-octylphthalate	117-84-0	N.D.	2.	ug/l	1
03975	Benzo(b)fluoranthene	205-99-2	N.D.	1.	ug/l	1
03976	Benzo(k)fluoranthene	207-08-9	N.D.	1.	ug/l	1
03977	Benzo(a)pyrene	50-32-8	N.D.	1.	ug/l	1
03978	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	1.	ug/l	1
03979	Dibenz(a,h)anthracene	53-70-3	N.D.	1.	ug/l	1
03980	Benzo(g,h,i)perylene	191-24-2	N.D.	1.	ug/l	1
04680	2-Methylphenol	95-48-7	N.D.	1.	ug/l	1
04681	2,2'-oxybis(1-Chloropropane)	108-60-1	N.D.	1.	ug/l	1
04682	4-Methylphenol	106-44-5	N.D.	2.	ug/l	1
	3-Methylphenol and 4-methylphenol cannot be resolved under the chromatographic conditions used for sample analysis. The result reported for 4-methylphenol represents the combined total of both compounds.					
04684	Carbazole	86-74-8	N.D.	1.	ug/l	1
06291	TCL by 8260 (water)					
05385	Chloromethane	74-87-3	N.D.	1.	ug/l	1
05386	Vinyl Chloride	75-01-4	N.D.	1.	ug/l	1
05387	Bromomethane	74-83-9	N.D.	1.	ug/l	1
05388	Chloroethane	75-00-3	N.D.	1.	ug/l	1
05390	1,1-Dichloroethene	75-35-4	N.D.	0.8	ug/l	1
05391	Methylene Chloride	75-09-2	N.D.	2.	ug/l	1

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 5136504

OS-2-082107 Grab Water Sample
Beacon - NY

Collected:08/21/2007 10:00 by EA

Account Number: 11387

Submitted: 08/23/2007 09:30
Reported: 09/21/2007 at 07:40
Discard: 12/06/2007

Chevron Environmental Mgmt.
4800 Fournace Place
Bellaire TX 77401

OS--1 SDG#: CBN47-08

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
05393	1,1-Dichloroethane	75-34-3	N.D.	1.	ug/l	1
05396	Chloroform	67-66-3	N.D.	0.8	ug/l	1
05398	1,1,1-Trichloroethane	71-55-6	N.D.	0.8	ug/l	1
05399	Carbon Tetrachloride	56-23-5	N.D.	1.	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	1.	ug/l	1
05403	Trichloroethene	79-01-6	N.D.	1.	ug/l	1
05404	1,2-Dichloropropane	78-87-5	N.D.	1.	ug/l	1
05406	Bromodichloromethane	75-27-4	N.D.	1.	ug/l	1
05407	Toluene	108-88-3	N.D.	0.7	ug/l	1
05408	1,1,2-Trichloroethane	79-00-5	N.D.	0.8	ug/l	1
05409	Tetrachloroethene	127-18-4	N.D.	0.8	ug/l	1
05411	Dibromochloromethane	124-48-1	N.D.	1.	ug/l	1
05413	Chlorobenzene	108-90-7	N.D.	0.8	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.8	ug/l	1
05419	Bromoform	75-25-2	N.D.	1.	ug/l	1
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.	ug/l	1
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.	ug/l	1
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.8	ug/l	1
06371	8260 Special Cmpds for Waters					
05654	2-Chloroethyl Vinyl Ether	110-75-8	N.D.	2.	ug/l	1
	2-Chloroethyl vinyl ether is an acid labile compound and may not be recovered in an acid preserved sample.					
05655	Trichlorofluoromethane	75-69-4	N.D.	2.	ug/l	1
06304	1,2-Dichloroethene (Total)	540-59-0	N.D.	0.8	ug/l	1
08171	1,3-Dichlorobenzene	541-73-1	N.D.	1.	ug/l	1
08172	1,4-Dichlorobenzene	106-46-7	N.D.	1.	ug/l	1
08173	1,2-Dichlorobenzene	95-50-1	N.D.	1.	ug/l	1

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

0039

Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 5136504

OS-2-082107 Grab Water Sample
Beacon - NY

Collected:08/21/2007 10:00 by EA

Account Number: 11387

Submitted: 08/23/2007 09:30
Reported: 09/21/2007 at 07:40
Discard: 12/06/2007

Chevron Environmental Mgmt.
4800 Fournace Place
Bellaire TX 77401

OS--1 SDG#: CBN47-08

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
07055	Lead	SW-846 6010B	1	09/02/2007 01:00	Tara L Snyder	1
04678	TCL SW846 Semivolatiles/Waters	SW-846 8270C	1	08/28/2007 01:12	Linda M Hartenstine	1
06291	TCL by 8260 (water)	SW-846 8260B	1	08/28/2007 14:33	Nicholas R Rossi	1
06371	8260 Special Cmpds for Waters	SW-846 8260B	1	08/28/2007 14:33	Nicholas R Rossi	1
00813	BNA Water Extraction	SW-846 3510C	1	08/24/2007 11:00	Mariam G Attalla	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	08/28/2007 14:33	Nicholas R Rossi	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	08/26/2007 23:00	Helen L Schaeffer	1

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Lancaster, PA 17605-2425
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Lancaster Laboratories

Lancaster Laboratories Sample No. WW 5136505

OS-3-082107 Unspiked Grab Water Sample
Beacon - NY

Collected:08/21/2007 10:30 by EA

Account Number: 11387

Submitted: 08/23/2007 09:30
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Discard: 12/06/2007

Chevron Environmental Mgmt.
4800 Fournace Place
Bellaire TX 77401

OS--3 SDG#: CBN47-09BKG
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CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
07055	Lead	7439-92-1	N.D.	0.0069	mg/l	1
04678	TCL SW846 Semivolatiles/Waters					
03871	4-Chloroaniline	106-47-8	N.D.	1.	ug/l	1
03879	Dibenzofuran	132-64-9	N.D.	1.	ug/l	1
03905	2-Methylnaphthalene	91-57-6	N.D.	1.	ug/l	1
03907	2-Nitroaniline	88-74-4	N.D.	1.	ug/l	1
03908	3-Nitroaniline	99-09-2	N.D.	1.	ug/l	1
03909	4-Nitroaniline	100-01-6	N.D.	1.	ug/l	1
03922	2,4,5-Trichlorophenol	95-95-4	N.D.	1.	ug/l	1
03924	2-Chlorophenol	95-57-8	N.D.	1.	ug/l	1
03925	Phenol	108-95-2	N.D.	1.	ug/l	1
03926	2-Nitrophenol	88-75-5	N.D.	1.	ug/l	1
03927	2,4-Dimethylphenol	105-67-9	N.D.	3.	ug/l	1
03928	2,4-Dichlorophenol	120-83-2	N.D.	1.	ug/l	1
03929	4-Chloro-3-methylphenol	59-50-7	N.D.	1.	ug/l	1
03930	2,4,6-Trichlorophenol	88-06-2	N.D.	1.	ug/l	1
03931	2,4-Dinitrophenol	51-28-5	N.D.	20.	ug/l	1
03932	4-Nitrophenol	100-02-7	N.D.	10.	ug/l	1
03933	4,6-Dinitro-2-methylphenol	534-52-1	N.D.	5.	ug/l	1
03934	Pentachlorophenol	87-86-5	N.D.	3.	ug/l	1
03936	bis(2-Chloroethyl)ether	111-44-4	N.D.	1.	ug/l	1
03937	1,3-Dichlorobenzene	541-73-1	N.D.	1.	ug/l	1
03938	1,4-Dichlorobenzene	106-46-7	N.D.	1.	ug/l	1
03939	1,2-Dichlorobenzene	95-50-1	N.D.	1.	ug/l	1
03941	Hexachloroethane	67-72-1	N.D.	1.	ug/l	1
03942	N-Nitroso-di-n-propylamine	621-64-7	N.D.	1.	ug/l	1
03943	Nitrobenzene	98-95-3	N.D.	1.	ug/l	1
03944	Isophorone	78-59-1	N.D.	1.	ug/l	1
03945	bis(2-Chloroethoxy)methane	111-91-1	N.D.	1.	ug/l	1
03946	1,2,4-Trichlorobenzene	120-82-1	N.D.	1.	ug/l	1
03947	Naphthalene	91-20-3	N.D.	1.	ug/l	1
03948	Hexachlorobutadiene	87-68-3	N.D.	1.	ug/l	1
03949	Hexachlorocyclopentadiene	77-47-4	N.D.	5.	ug/l	1
03950	2-Chloronaphthalene	91-58-7	N.D.	2.	ug/l	1
03951	Acenaphthylene	208-96-8	N.D.	1.	ug/l	1
03952	Dimethylphthalate	131-11-3	N.D.	2.	ug/l	1
03953	2,6-Dinitrotoluene	606-20-2	N.D.	1.	ug/l	1
03954	Acenaphthene	83-32-9	N.D.	1.	ug/l	1

Lancaster Laboratories, Inc.
2425 New Holland Pike
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Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 5136505

OS-3-082107 Unspiked Grab Water Sample
Beacon - NY

Collected:08/21/2007 10:30 by EA

Account Number: 11387

Submitted: 08/23/2007 09:30
Reported: 09/21/2007 at 07:40
Discard: 12/06/2007

Chevron Environmental Mgmt.
4800 Fournace Place
Bellaire TX 77401

OS--3 SDG#: CBN47-09BKG

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
03955	2,4-Dinitrotoluene	121-14-2	N.D.	1.	ug/l	1
03956	Fluorene	86-73-7	N.D.	1.	ug/l	1
03957	4-Chlorophenyl-phenylether	7005-72-3	N.D.	2.	ug/l	1
03958	Diethylphthalate	84-66-2	N.D.	2.	ug/l	1
03960	N-Nitrosodiphenylamine	86-30-6	N.D.	2.	ug/l	1
	N-nitrosodiphenylamine decomposes in the GC inlet forming diphenylamine. The result reported for N-nitrosodiphenylamine represents the combined total of both compounds.					
03961	4-Bromophenyl-phenylether	101-55-3	N.D.	1.	ug/l	1
03962	Hexachlorobenzene	118-74-1	N.D.	1.	ug/l	1
03963	Phenanthrene	85-01-8	N.D.	1.	ug/l	1
03964	Anthracene	120-12-7	N.D.	1.	ug/l	1
03965	Di-n-butylphthalate	84-74-2	N.D.	2.	ug/l	1
03966	Fluoranthene	206-44-0	N.D.	1.	ug/l	1
03967	Pyrene	129-00-0	N.D.	1.	ug/l	1
03969	Butylbenzylphthalate	85-68-7	N.D.	2.	ug/l	1
03970	Benzo(a)anthracene	56-55-3	N.D.	1.	ug/l	1
03971	Chrysene	218-01-9	N.D.	1.	ug/l	1
03972	3,3'-Dichlorobenzidine	91-94-1	N.D.	2.	ug/l	1
03973	bis(2-Ethylhexyl)phthalate	117-81-7	N.D.	2.	ug/l	1
03974	Di-n-octylphthalate	117-84-0	N.D.	2.	ug/l	1
03975	Benzo(b)fluoranthene	205-99-2	N.D.	1.	ug/l	1
03976	Benzo(k)fluoranthene	207-08-9	N.D.	1.	ug/l	1
03977	Benzo(a)pyrene	50-32-8	N.D.	1.	ug/l	1
03978	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	1.	ug/l	1
03979	Dibenz(a,h)anthracene	53-70-3	N.D.	1.	ug/l	1
03980	Benzo(g,h,i)perylene	191-24-2	N.D.	1.	ug/l	1
04680	2-Methylphenol	95-48-7	N.D.	1.	ug/l	1
04681	2,2'-oxybis(1-Chloropropane)	108-60-1	N.D.	1.	ug/l	1
04682	4-Methylphenol	106-44-5	N.D.	2.	ug/l	1
	3-Methylphenol and 4-methylphenol cannot be resolved under the chromatographic conditions used for sample analysis. The result reported for 4-methylphenol represents the combined total of both compounds.					
04684	Carbazole	86-74-8	N.D.	1.	ug/l	1
06291	TCL by 8260 (water)					
05385	Chloromethane	74-87-3	N.D.	1.	ug/l	1
05386	Vinyl Chloride	75-01-4	N.D.	1.	ug/l	1
05387	Bromomethane	74-83-9	N.D.	1.	ug/l	1
05388	Chloroethane	75-00-3	N.D.	1.	ug/l	1
05390	1,1-Dichloroethene	75-35-4	N.D.	0.8	ug/l	1
05391	Methylene Chloride	75-09-2	N.D.	2.	ug/l	1

Lancaster Laboratories, Inc.
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Lancaster Laboratories

Lancaster Laboratories Sample No. WW 5136505

OS-3-082107 Unspiked Grab Water Sample
Beacon - NY

Collected:08/21/2007 10:30 by EA

Account Number: 11387

Submitted: 08/23/2007 09:30
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Discard: 12/06/2007

Chevron Environmental Mgmt.
4800 Fournace Place
Bellaire TX 77401

OS--3 SDG#: CBN47-09BKG

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
05393	1,1-Dichloroethane	75-34-3	N.D.	1.	ug/l	1
05396	Chloroform	67-66-3	N.D.	0.8	ug/l	1
05398	1,1,1-Trichloroethane	71-55-6	N.D.	0.8	ug/l	1
05399	Carbon Tetrachloride	56-23-5	N.D.	1.	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	1.	ug/l	1
05403	Trichloroethene	79-01-6	N.D.	1.	ug/l	1
05404	1,2-Dichloropropane	78-87-5	N.D.	1.	ug/l	1
05406	Bromodichloromethane	75-27-4	N.D.	1.	ug/l	1
05407	Toluene	108-88-3	N.D.	0.7	ug/l	1
05408	1,1,2-Trichloroethane	79-00-5	N.D.	0.8	ug/l	1
05409	Tetrachloroethene	127-18-4	N.D.	0.8	ug/l	1
05411	Dibromochloromethane	124-48-1	N.D.	1.	ug/l	1
05413	Chlorobenzene	108-90-7	N.D.	0.8	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.8	ug/l	1
05419	Bromoform	75-25-2	N.D.	1.	ug/l	1
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.	ug/l	1
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.	ug/l	1
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.8	ug/l	1
06371	8260 Special Cmpds for Waters					
05654	2-Chloroethyl Vinyl Ether	110-75-8	N.D.	2.	ug/l	1
	2-Chloroethyl vinyl ether is an acid labile compound and may not be recovered in an acid preserved sample.					
05655	Trichlorofluoromethane	75-69-4	N.D.	2.	ug/l	1
06304	1,2-Dichloroethene (Total)	540-59-0	N.D.	0.8	ug/l	1
08171	1,3-Dichlorobenzene	541-73-1	N.D.	1.	ug/l	1
08172	1,4-Dichlorobenzene	106-46-7	N.D.	1.	ug/l	1
08173	1,2-Dichlorobenzene	95-50-1	N.D.	1.	ug/l	1

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

0043

Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 5136505

OS-3-082107 Unspiked Grab Water Sample
Beacon - NY

Collected:08/21/2007 10:30 by EA

Account Number: 11387

Submitted: 08/23/2007 09:30
Reported: 09/21/2007 at 07:40
Discard: 12/06/2007

Chevron Environmental Mgmt.
4800 Fournace Place
Bellaire TX 77401

OS--3 SDG#: CBN47-09BKG

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
07055	Lead	SW-846 6010B	1	09/02/2007 00:00	Tara L Snyder	1
04678	TCL SW846 Semivolatiles/Waters	SW-846 8270C	1	08/25/2007 04:16	Linda M Hartenstine	1
06291	TCL by 8260 (water)	SW-846 8260B	1	08/28/2007 14:56	Nicholas R Rossi	1
06371	8260 Special Cmpds for Waters	SW-846 8260B	1	08/28/2007 14:56	Nicholas R Rossi	1
00813	BNA Water Extraction	SW-846 3510C	1	08/24/2007 11:00	Mariam G Attalla	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	08/28/2007 14:56	Nicholas R Rossi	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	08/26/2007 23:00	Helen L Schaeffer	1

0044

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Lancaster Laboratories

Lancaster Laboratories Sample No. WW 5136506

OS-3_MS-082107 Matrix Spike Grab Water Sample
Beacon - NY

Collected:08/21/2007 10:30 by EA

Account Number: 11387

Submitted: 08/23/2007 09:30
Reported: 09/21/2007 at 07:40
Discard: 12/06/2007

Chevron Environmental Mgmt.
4800 Fournace Place
Bellaire TX 77401

OS--3 SDG#: CBN47-09MS
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CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit	Units	Dilution Factor
07055	Lead	7439-92-1	0.120		0.0069	mg/l	1
04678	TCL SW846 Semivolatiles/Waters						
03871	4-Chloroaniline	106-47-8	47.		1.	ug/l	1
03879	Dibenzofuran	132-64-9	49.		1.	ug/l	1
03905	2-Methylnaphthalene	91-57-6	51.		1.	ug/l	1
03907	2-Nitroaniline	88-74-4	53.		1.	ug/l	1
03908	3-Nitroaniline	99-09-2	51.		1.	ug/l	1
03909	4-Nitroaniline	100-01-6	47.		1.	ug/l	1
03922	2,4,5-Trichlorophenol	95-95-4	47.		1.	ug/l	1
03924	2-Chlorophenol	95-57-8	51.		1.	ug/l	1
03925	Phenol	108-95-2	25.		1.	ug/l	1
03926	2-Nitrophenol	88-75-5	54.		1.	ug/l	1
03927	2,4-Dimethylphenol	105-67-9	50.		3.	ug/l	1
03928	2,4-Dichlorophenol	120-83-2	51.		1.	ug/l	1
03929	4-Chloro-3-methylphenol	59-50-7	56.		1.	ug/l	1
03930	2,4,6-Trichlorophenol	88-06-2	47.		1.	ug/l	1
03931	2,4-Dinitrophenol	51-28-5	N.D.		20.	ug/l	1
03932	4-Nitrophenol	100-02-7	20.	J	10.	ug/l	1
03933	4,6-Dinitro-2-methylphenol	534-52-1	40.		5.	ug/l	1
03934	Pentachlorophenol	87-86-5	13.	J	3.	ug/l	1
03936	bis(2-Chloroethyl)ether	111-44-4	52.		1.	ug/l	1
03937	1,3-Dichlorobenzene	541-73-1	45.		1.	ug/l	1
03938	1,4-Dichlorobenzene	106-46-7	49.		1.	ug/l	1
03939	1,2-Dichlorobenzene	95-50-1	48.		1.	ug/l	1
03941	Hexachloroethane	67-72-1	44.		1.	ug/l	1
03942	N-Nitroso-di-n-propylamine	621-64-7	52.		1.	ug/l	1
03943	Nitrobenzene	98-95-3	49.		1.	ug/l	1
03944	Isophorone	78-59-1	45.		1.	ug/l	1
03945	bis(2-Chloroethoxy)methane	111-91-1	57.		1.	ug/l	1
03946	1,2,4-Trichlorobenzene	120-82-1	48.		1.	ug/l	1
03947	Naphthalene	91-20-3	50.		1.	ug/l	1
03948	Hexachlorobutadiene	87-68-3	47.		1.	ug/l	1
03949	Hexachlorocyclopentadiene	77-47-4	88.		5.	ug/l	1
03950	2-Chloronaphthalene	91-58-7	36.		2.	ug/l	1
03951	Acenaphthylene	208-96-8	56.		1.	ug/l	1
03952	Dimethylphthalate	131-11-3	34.		2.	ug/l	1
03953	2,6-Dinitrotoluene	606-20-2	52.		1.	ug/l	1
03954	Acenaphthene	83-32-9	50.		1.	ug/l	1

Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 5136506

OS-3_MS-082107 Matrix Spike Grab Water Sample
Beacon - NY

Collected:08/21/2007 10:30 by EA

Account Number: 11387

Submitted: 08/23/2007 09:30
Reported: 09/21/2007 at 07:40
Discard: 12/06/2007

Chevron Environmental Mgmt.
4800 Fournace Place
Bellaire TX 77401

OS--3 SDG#: CBN47-09MS

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
03955	2,4-Dinitrotoluene	121-14-2	52.	1.	ug/l	1
03956	Fluorene	86-73-7	52.	1.	ug/l	1
03957	4-Chlorophenyl-phenylether	7005-72-3	50.	2.	ug/l	1
03958	Diethylphthalate	84-66-2	49.	2.	ug/l	1
03960	N-Nitrosodiphenylamine	86-30-6	50.	2.	ug/l	1
	N-nitrosodiphenylamine decomposes in the GC inlet forming diphenylamine. The result reported for N-nitrosodiphenylamine represents the combined total of both compounds.					
03961	4-Bromophenyl-phenylether	101-55-3	49.	1.	ug/l	1
03962	Hexachlorobenzene	118-74-1	52.	1.	ug/l	1
03963	Phenanthrene	85-01-8	53.	1.	ug/l	1
03964	Anthracene	120-12-7	51.	1.	ug/l	1
03965	Di-n-butylphthalate	84-74-2	52.	2.	ug/l	1
03966	Fluoranthene	206-44-0	50.	1.	ug/l	1
03967	Pyrene	129-00-0	50.	1.	ug/l	1
03969	Butylbenzylphthalate	85-68-7	49.	2.	ug/l	1
03970	Benzo(a)anthracene	56-55-3	49.	1.	ug/l	1
03971	Chrysene	218-01-9	51.	1.	ug/l	1
03972	3,3'-Dichlorobenzidine	91-94-1	40.	2.	ug/l	1
03973	bis(2-Ethylhexyl)phthalate	117-81-7	49.	2.	ug/l	1
03974	Di-n-octylphthalate	117-84-0	55.	2.	ug/l	1
03975	Benzo(b)fluoranthene	205-99-2	55.	1.	ug/l	1
03976	Benzo(k)fluoranthene	207-08-9	54.	1.	ug/l	1
03977	Benzo(a)pyrene	50-32-8	52.	1.	ug/l	1
03978	Indeno(1,2,3-cd)pyrene	193-39-5	48.	1.	ug/l	1
03979	Dibenz(a,h)anthracene	53-70-3	52.	1.	ug/l	1
03980	Benzo(g,h,i)perylene	191-24-2	48.	1.	ug/l	1
04680	2-Methylphenol	95-48-7	47.	1.	ug/l	1
04681	2,2'-oxybis(1-Chloropropane)	108-60-1	57.	1.	ug/l	1
04682	4-Methylphenol	106-44-5	43.	2.	ug/l	1
	3-Methylphenol and 4-methylphenol cannot be resolved under the chromatographic conditions used for sample analysis. The result reported for 4-methylphenol represents the combined total of both compounds.					
04684	Carbazole	86-74-8	55.	1.	ug/l	1
06291	TCL by 8260 (water)					
05385	Chloromethane	74-87-3	19.	1.	ug/l	1
05386	Vinyl Chloride	75-01-4	18.	1.	ug/l	1
05387	Bromomethane	74-83-9	18.	1.	ug/l	1
05388	Chloroethane	75-00-3	18.	1.	ug/l	1
05390	1,1-Dichloroethene	75-35-4	23.	0.8	ug/l	1
05391	Methylene Chloride	75-09-2	20.	2.	ug/l	1

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 5136506

OS-3_MS-082107 Matrix Spike Grab Water Sample
Beacon - NY

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Discard: 12/06/2007

Chevron Environmental Mgmt.
4800 Fournace Place
Bellaire TX 77401

OS--3 SDG#: CBN47-09MS

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
05393	1,1-Dichloroethane	75-34-3	23.	1.	ug/l	1
05396	Chloroform	67-66-3	24.	0.8	ug/l	1
05398	1,1,1-Trichloroethane	71-55-6	25.	0.8	ug/l	1
05399	Carbon Tetrachloride	56-23-5	26.	1.	ug/l	1
05401	Benzene	71-43-2	23.	0.5	ug/l	1
05402	1,2-Dichloroethane	107-06-2	25.	1.	ug/l	1
05403	Trichloroethene	79-01-6	24.	1.	ug/l	1
05404	1,2-Dichloropropane	78-87-5	23.	1.	ug/l	1
05406	Bromodichloromethane	75-27-4	24.	1.	ug/l	1
05407	Toluene	108-88-3	23.	0.7	ug/l	1
05408	1,1,2-Trichloroethane	79-00-5	21.	0.8	ug/l	1
05409	Tetrachloroethene	127-18-4	22.	0.8	ug/l	1
05411	Dibromochloromethane	124-48-1	23.	1.	ug/l	1
05413	Chlorobenzene	108-90-7	22.	0.8	ug/l	1
05415	Ethylbenzene	100-41-4	22.	0.8	ug/l	1
05419	Bromoform	75-25-2	20.	1.	ug/l	1
05421	1,1,2,2-Tetrachloroethane	79-34-5	20.	1.	ug/l	1
06306	trans-1,3-Dichloropropene	10061-02-6	22.	1.	ug/l	1
06307	cis-1,3-Dichloropropene	10061-01-5	21.	1.	ug/l	1
06310	Xylene (Total)	1330-20-7	65.	0.8	ug/l	1
06371	8260 Special Cmpds for Waters					
05654	2-Chloroethyl Vinyl Ether	110-75-8	N.D.	2.	ug/l	1
	2-Chloroethyl vinyl ether is an acid labile compound and may not be recovered in an acid preserved sample.					
05655	Trichlorofluoromethane	75-69-4	23.	2.	ug/l	1
06304	1,2-Dichloroethene (Total)	540-59-0	44.	0.8	ug/l	1
08171	1,3-Dichlorobenzene	541-73-1	21.	1.	ug/l	1
08172	1,4-Dichlorobenzene	106-46-7	21.	1.	ug/l	1
08173	1,2-Dichlorobenzene	95-50-1	21.	1.	ug/l	1

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

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Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 5136506

OS-3_MS-082107 Matrix Spike Grab Water Sample
Beacon - NY

Collected:08/21/2007 10:30 by EA

Account Number: 11387

Submitted: 08/23/2007 09:30
Reported: 09/21/2007 at 07:40
Discard: 12/06/2007

Chevron Environmental Mgmt.
4800 Fournace Place
Bellaire TX 77401

OS--3 SDG#: CBN47-09MS

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
07055	Lead	SW-846 6010B	1	09/02/2007 00:13	Tara L Snyder	1
04678	TCL SW846 Semivolatiles/Waters	SW-846 8270C	1	08/25/2007 04:37	Linda M Hartenstine	1
06291	TCL by 8260 (water)	SW-846 8260B	1	08/28/2007 15:19	Nicholas R Rossi	1
06371	8260 Special Cmpds for Waters	SW-846 8260B	1	08/28/2007 15:19	Nicholas R Rossi	1
00813	BNA Water Extraction	SW-846 3510C	1	08/24/2007 11:00	Mariam G Attalla	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	08/28/2007 15:19	Nicholas R Rossi	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	08/26/2007 23:00	Helen L Schaeffer	1

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Lancaster Laboratories

Lancaster Laboratories Sample No. WW 5136507

OS-3_MSD-082107 Matrix Spike Dup. Grab Water S
Beacon - NY

Collected:08/21/2007 10:30 by EA

Account Number: 11387

Submitted: 08/23/2007 09:30
Reported: 09/21/2007 at 07:40
Discard: 12/06/2007

Chevron Environmental Mgmt.
4800 Fournace Place
Bellaire TX 77401

OS--3 SDG#: CBN47-09MSD
I 5E w

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit	Units	Dilution Factor
07055	Lead	7439-92-1	0.116		0.0069	mg/l	1
04678	TCL SW846 Semivolatiles/Waters						
03871	4-Chloroaniline	106-47-8	40.		1.	ug/l	1
03879	Dibenzofuran	132-64-9	50.		1.	ug/l	1
03905	2-Methylnaphthalene	91-57-6	48.		1.	ug/l	1
03907	2-Nitroaniline	88-74-4	52.		1.	ug/l	1
03908	3-Nitroaniline	99-09-2	49.		1.	ug/l	1
03909	4-Nitroaniline	100-01-6	44.		1.	ug/l	1
03922	2,4,5-Trichlorophenol	95-95-4	48.		1.	ug/l	1
03924	2-Chlorophenol	95-57-8	50.		1.	ug/l	1
03925	Phenol	108-95-2	24.		1.	ug/l	1
03926	2-Nitrophenol	88-75-5	53.		1.	ug/l	1
03927	2,4-Dimethylphenol	105-67-9	48.		3.	ug/l	1
03928	2,4-Dichlorophenol	120-83-2	49.		1.	ug/l	1
03929	4-Chloro-3-methylphenol	59-50-7	50.		1.	ug/l	1
03930	2,4,6-Trichlorophenol	88-06-2	48.		1.	ug/l	1
03931	2,4-Dinitrophenol	51-28-5	N.D.		20.	ug/l	1
03932	4-Nitrophenol	100-02-7	18.	J	10.	ug/l	1
03933	4,6-Dinitro-2-methylphenol	534-52-1	38.		5.	ug/l	1
03934	Pentachlorophenol	87-86-5	10.	J	3.	ug/l	1
03936	bis(2-Chloroethyl)ether	111-44-4	50.		1.	ug/l	1
03937	1,3-Dichlorobenzene	541-73-1	46.		1.	ug/l	1
03938	1,4-Dichlorobenzene	106-46-7	49.		1.	ug/l	1
03939	1,2-Dichlorobenzene	95-50-1	46.		1.	ug/l	1
03941	Hexachloroethane	67-72-1	46.		1.	ug/l	1
03942	N-Nitroso-di-n-propylamine	621-64-7	50.		1.	ug/l	1
03943	Nitrobenzene	98-95-3	48.		1.	ug/l	1
03944	Isophorone	78-59-1	43.		1.	ug/l	1
03945	bis(2-Chloroethoxy)methane	111-91-1	56.		1.	ug/l	1
03946	1,2,4-Trichlorobenzene	120-82-1	49.		1.	ug/l	1
03947	Naphthalene	91-20-3	49.		1.	ug/l	1
03948	Hexachlorobutadiene	87-68-3	50.		1.	ug/l	1
03949	Hexachlorocyclopentadiene	77-47-4	98.		5.	ug/l	1
03950	2-Chloronaphthalene	91-58-7	37.		2.	ug/l	1
03951	Acenaphthylene	208-96-8	56.		1.	ug/l	1
03952	Dimethylphthalate	131-11-3	34.		2.	ug/l	1
03953	2,6-Dinitrotoluene	606-20-2	53.		1.	ug/l	1
03954	Acenaphthene	83-32-9	51.		1.	ug/l	1

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Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 5136507

OS-3_MSD-082107 Matrix Spike Dup. Grab Water S
Beacon - NY

Collected:08/21/2007 10:30 by EA

Account Number: 11387

Submitted: 08/23/2007 09:30
Reported: 09/21/2007 at 07:40
Discard: 12/06/2007

Chevron Environmental Mgmt.
4800 Fournace Place
Bellaire TX 77401

OS--3 SDG#: CBN47-09MSD

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
03955	2,4-Dinitrotoluene	121-14-2	51.	1.	ug/l	1
03956	Fluorene	86-73-7	51.	1.	ug/l	1
03957	4-Chlorophenyl-phenylether	7005-72-3	50.	2.	ug/l	1
03958	Diethylphthalate	84-66-2	48.	2.	ug/l	1
03960	N-Nitrosodiphenylamine	86-30-6	50.	2.	ug/l	1
	N-nitrosodiphenylamine decomposes in the GC inlet forming diphenylamine. The result reported for N-nitrosodiphenylamine represents the combined total of both compounds.					
03961	4-Bromophenyl-phenylether	101-55-3	52.	1.	ug/l	1
03962	Hexachlorobenzene	118-74-1	52.	1.	ug/l	1
03963	Phenanthrene	85-01-8	51.	1.	ug/l	1
03964	Anthracene	120-12-7	51.	1.	ug/l	1
03965	Di-n-butylphthalate	84-74-2	51.	2.	ug/l	1
03966	Fluoranthene	206-44-0	47.	1.	ug/l	1
03967	Pyrene	129-00-0	52.	1.	ug/l	1
03969	Butylbenzylphthalate	85-68-7	51.	2.	ug/l	1
03970	Benzo(a)anthracene	56-55-3	49.	1.	ug/l	1
03971	Chrysene	218-01-9	50.	1.	ug/l	1
03972	3,3'-Dichlorobenzidine	91-94-1	38.	2.	ug/l	1
03973	bis(2-Ethylhexyl)phthalate	117-81-7	50.	2.	ug/l	1
03974	Di-n-octylphthalate	117-84-0	55.	2.	ug/l	1
03975	Benzo(b)fluoranthene	205-99-2	56.	1.	ug/l	1
03976	Benzo(k)fluoranthene	207-08-9	52.	1.	ug/l	1
03977	Benzo(a)pyrene	50-32-8	52.	1.	ug/l	1
03978	Indeno(1,2,3-cd)pyrene	193-39-5	50.	1.	ug/l	1
03979	Dibenz(a,h)anthracene	53-70-3	53.	1.	ug/l	1
03980	Benzo(g,h,i)perylene	191-24-2	51.	1.	ug/l	1
04680	2-Methylphenol	95-48-7	46.	1.	ug/l	1
04681	2,2'-oxybis(1-Chloropropane)	108-60-1	56.	1.	ug/l	1
04682	4-Methylphenol	106-44-5	39.	2.	ug/l	1
	3-Methylphenol and 4-methylphenol cannot be resolved under the chromatographic conditions used for sample analysis. The result reported for 4-methylphenol represents the combined total of both compounds.					
04684	Carbazole	86-74-8	53.	1.	ug/l	1
06291	TCL by 8260 (water)					
05385	Chloromethane	74-87-3	18.	1.	ug/l	1
05386	Vinyl Chloride	75-01-4	18.	1.	ug/l	1
05387	Bromomethane	74-83-9	17.	1.	ug/l	1
05388	Chloroethane	75-00-3	17.	1.	ug/l	1
05390	1,1-Dichloroethene	75-35-4	20.	0.8	ug/l	1
05391	Methylene Chloride	75-09-2	19.	2.	ug/l	1

Lancaster Laboratories, Inc.
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Lancaster, PA 17605-2425
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Lancaster Laboratories

Lancaster Laboratories Sample No. WW 5136507

OS-3_MSD-082107 Matrix Spike Dup. Grab Water S
Beacon - NY

Collected:08/21/2007 10:30 by EA

Account Number: 11387

Submitted: 08/23/2007 09:30
Reported: 09/21/2007 at 07:40
Discard: 12/06/2007

Chevron Environmental Mgmt.
4800 Fournace Place
Bellaire TX 77401

OS--3 SDG#: CBN47-09MSD

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
05393	1,1-Dichloroethane	75-34-3	21.	1.	ug/l	1
05396	Chloroform	67-66-3	22.	0.8	ug/l	1
05398	1,1,1-Trichloroethane	71-55-6	24.	0.8	ug/l	1
05399	Carbon Tetrachloride	56-23-5	23.	1.	ug/l	1
05401	Benzene	71-43-2	21.	0.5	ug/l	1
05402	1,2-Dichloroethane	107-06-2	22.	1.	ug/l	1
05403	Trichloroethene	79-01-6	22.	1.	ug/l	1
05404	1,2-Dichloropropane	78-87-5	21.	1.	ug/l	1
05406	Bromodichloromethane	75-27-4	22.	1.	ug/l	1
05407	Toluene	108-88-3	21.	0.7	ug/l	1
05408	1,1,2-Trichloroethane	79-00-5	20.	0.8	ug/l	1
05409	Tetrachloroethene	127-18-4	20.	0.8	ug/l	1
05411	Dibromochloromethane	124-48-1	21.	1.	ug/l	1
05413	Chlorobenzene	108-90-7	20.	0.8	ug/l	1
05415	Ethylbenzene	100-41-4	20.	0.8	ug/l	1
05419	Bromoform	75-25-2	19.	1.	ug/l	1
05421	1,1,2,2-Tetrachloroethane	79-34-5	19.	1.	ug/l	1
06306	trans-1,3-Dichloropropene	10061-02-6	20.	1.	ug/l	1
06307	cis-1,3-Dichloropropene	10061-01-5	20.	1.	ug/l	1
06310	Xylene (Total)	1330-20-7	60.	0.8	ug/l	1
06371	8260 Special Cmpds for Waters					
05654	2-Chloroethyl Vinyl Ether	110-75-8	N.D.	2.	ug/l	1
	2-Chloroethyl vinyl ether is an acid labile compound and may not be recovered in an acid preserved sample.					
05655	Trichlorofluoromethane	75-69-4	22.	2.	ug/l	1
06304	1,2-Dichloroethene (Total)	540-59-0	41.	0.8	ug/l	1
08171	1,3-Dichlorobenzene	541-73-1	20.	1.	ug/l	1
08172	1,4-Dichlorobenzene	106-46-7	20.	1.	ug/l	1
08173	1,2-Dichlorobenzene	95-50-1	20.	1.	ug/l	1

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

8851

Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 5136507

OS-3_MSD-082107 Matrix Spike Dup. Grab Water S
Beacon - NY

Collected:08/21/2007 10:30 by EA

Account Number: 11387

Submitted: 08/23/2007 09:30
Reported: 09/21/2007 at 07:40
Discard: 12/06/2007

Chevron Environmental Mgmt.
4800 Fournace Place
Bellaire TX 77401

OS--3 SDG#: CBN47-09MSD

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
07055	Lead	SW-846 6010B	1	09/02/2007 00:17	Tara L Snyder	1
04678	TCL SW846 Semivolatiles/Waters	SW-846 8270C	1	08/25/2007 04:58	Linda M Hartenstine	1
06291	TCL by 8260 (water)	SW-846 8260B	1	08/28/2007 15:42	Nicholas R Rossi	1
06371	8260 Special Cmpds for Waters	SW-846 8260B	1	08/28/2007 15:42	Nicholas R Rossi	1
00813	BNA Water Extraction	SW-846 3510C	1	08/24/2007 11:00	Mariam G Attalla	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	08/28/2007 15:42	Nicholas R Rossi	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	08/26/2007 23:00	Helen L Schaeffer	1

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Lancaster Laboratories

Lancaster Laboratories Sample No. WW 5136508

OS-3_DUP-082107 Duplicate Grab Water Sample
Beacon - NY

Collected:08/21/2007 10:30 by EA

Account Number: 11387

Submitted: 08/23/2007 09:30
Reported: 09/21/2007 at 07:40
Discard: 12/06/2007

Chevron Environmental Mgmt.
4800 Fournace Place
Bellaire TX 77401

OS--3 SDG#: CBN47-09DUP
I 5E w

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
07055	Lead	7439-92-1	N.D.	0.0069	mg/l	1

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
07055	Lead	SW-846 6010B	1	09/02/2007 00:09	Tara L Snyder	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	08/26/2007 23:00	Helen L Schaeffer	1

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Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 5136509

OR-3-082207 Grab Water Sample
Beacon - NY

Collected:08/22/2007 08:45 by EA

Account Number: 11387

Submitted: 08/23/2007 09:30
Reported: 09/21/2007 at 07:40
Discard: 12/06/2007

Chevron Environmental Mgmt.
4800 Fournace Place
Bellaire TX 77401

OR--3 SDG#: CBN47-10
I 5E w

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
07055	Lead	7439-92-1	N.D.	0.0069	mg/l	1
04678	TCL SW846 Semivolatiles/Waters					
03871	4-Chloroaniline	106-47-8	N.D.	1.	ug/l	1
03879	Dibenzofuran	132-64-9	N.D.	1.	ug/l	1
03905	2-Methylnaphthalene	91-57-6	N.D.	1.	ug/l	1
03907	2-Nitroaniline	88-74-4	N.D.	1.	ug/l	1
03908	3-Nitroaniline	99-09-2	N.D.	1.	ug/l	1
03909	4-Nitroaniline	100-01-6	N.D.	1.	ug/l	1
03922	2,4,5-Trichlorophenol	95-95-4	N.D.	1.	ug/l	1
03924	2-Chlorophenol	95-57-8	N.D.	1.	ug/l	1
03925	Phenol	108-95-2	N.D.	1.	ug/l	1
03926	2-Nitrophenol	88-75-5	N.D.	1.	ug/l	1
03927	2,4-Dimethylphenol	105-67-9	N.D.	1.	ug/l	1
03928	2,4-Dichlorophenol	120-83-2	N.D.	3.	ug/l	1
03929	4-Chloro-3-methylphenol	59-50-7	N.D.	1.	ug/l	1
03930	2,4,6-Trichlorophenol	88-06-2	N.D.	1.	ug/l	1
03931	2,4-Dinitrophenol	51-28-5	N.D.	1.	ug/l	1
03932	4-Nitrophenol	100-02-7	N.D.	20.	ug/l	1
03933	4,6-Dinitro-2-methylphenol	534-52-1	N.D.	10.	ug/l	1
03934	Pentachlorophenol	87-86-5	N.D.	5.	ug/l	1
03936	bis(2-Chloroethyl)ether	111-44-4	N.D.	3.	ug/l	1
03937	1,3-Dichlorobenzene	541-73-1	N.D.	1.	ug/l	1
03938	1,4-Dichlorobenzene	106-46-7	N.D.	1.	ug/l	1
03939	1,2-Dichlorobenzene	95-50-1	N.D.	1.	ug/l	1
03941	Hexachloroethane	67-72-1	N.D.	1.	ug/l	1
03942	N-Nitroso-di-n-propylamine	621-64-7	N.D.	1.	ug/l	1
03943	Nitrobenzene	98-95-3	N.D.	1.	ug/l	1
03944	Isophorone	78-59-1	N.D.	1.	ug/l	1
03945	bis(2-Chloroethoxy)methane	111-91-1	N.D.	1.	ug/l	1
03946	1,2,4-Trichlorobenzene	120-82-1	N.D.	1.	ug/l	1
03947	Naphthalene	91-20-3	N.D.	1.	ug/l	1
03948	Hexachlorobutadiene	87-68-3	N.D.	1.	ug/l	1
03949	Hexachlorocyclopentadiene	77-47-4	N.D.	5.	ug/l	1
03950	2-Chloronaphthalene	91-58-7	N.D.	2.	ug/l	1
03951	Acenaphthylene	208-96-8	N.D.	1.	ug/l	1
03952	Dimethylphthalate	131-11-3	N.D.	2.	ug/l	1
03953	2,6-Dinitrotoluene	606-20-2	N.D.	1.	ug/l	1
03954	Acenaphthene	83-32-9	N.D.	1.	ug/l	1

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Lancaster Laboratories

Lancaster Laboratories Sample No. WW 5136509

OR-3-082207 Grab Water Sample
Beacon - NY

Collected:08/22/2007 08:45 by EA

Account Number: 11387

Submitted: 08/23/2007 09:30
Reported: 09/21/2007 at 07:40
Discard: 12/06/2007

Chevron Environmental Mgmt.
4800 Fournace Place
Bellaire TX 77401

OR--3 SDG#: CBN47-10

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
03955	2,4-Dinitrotoluene	121-14-2	N.D.	1.	ug/l	1
03956	Fluorene	86-73-7	N.D.	1.	ug/l	1
03957	4-Chlorophenyl-phenylether	7005-72-3	N.D.	2.	ug/l	1
03958	Diethylphthalate	84-66-2	N.D.	2.	ug/l	1
03960	N-Nitrosodiphenylamine	86-30-6	N.D.	2.	ug/l	1
	N-nitrosodiphenylamine decomposes in the GC inlet forming diphenylamine. The result reported for N-nitrosodiphenylamine represents the combined total of both compounds.					
03961	4-Bromophenyl-phenylether	101-55-3	N.D.	1.	ug/l	1
03962	Hexachlorobenzene	118-74-1	N.D.	1.	ug/l	1
03963	Phenanthrene	85-01-8	N.D.	1.	ug/l	1
03964	Anthracene	120-12-7	N.D.	1.	ug/l	1
03965	Di-n-butylphthalate	84-74-2	N.D.	2.	ug/l	1
03966	Fluoranthene	206-44-0	N.D.	1.	ug/l	1
03967	Pyrene	129-00-0	N.D.	1.	ug/l	1
03969	Butylbenzylphthalate	85-68-7	N.D.	2.	ug/l	1
03970	Benzo(a)anthracene	56-55-3	N.D.	1.	ug/l	1
03971	Chrysene	218-01-9	N.D.	1.	ug/l	1
03972	3,3'-Dichlorobenzidine	91-94-1	N.D.	2.	ug/l	1
03973	bis(2-Ethylhexyl)phthalate	117-81-7	N.D.	2.	ug/l	1
03974	Di-n-octylphthalate	117-84-0	N.D.	2.	ug/l	1
03975	Benzo(b)fluoranthene	205-99-2	N.D.	1.	ug/l	1
03976	Benzo(k)fluoranthene	207-08-9	N.D.	1.	ug/l	1
03977	Benzo(a)pyrene	50-32-8	N.D.	1.	ug/l	1
03978	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	1.	ug/l	1
03979	Dibenz(a,h)anthracene	53-70-3	N.D.	1.	ug/l	1
03980	Benzo(g,h,i)perylene	191-24-2	N.D.	1.	ug/l	1
04680	2-Methylphenol	95-48-7	N.D.	1.	ug/l	1
04681	2,2'-oxybis(1-Chloropropane)	108-60-1	N.D.	1.	ug/l	1
04682	4-Methylphenol	106-44-5	N.D.	2.	ug/l	1
	3-Methylphenol and 4-methylphenol cannot be resolved under the chromatographic conditions used for sample analysis. The result reported for 4-methylphenol represents the combined total of both compounds.					
04684	Carbazole	86-74-8	N.D.	1.	ug/l	1
06291	TCL by 8260 (water)					
05385	Chloromethane	74-87-3	N.D.	1.	ug/l	1
05386	Vinyl Chloride	75-01-4	N.D.	1.	ug/l	1
05387	Bromomethane	74-83-9	N.D.	1.	ug/l	1
05388	Chloroethane	75-00-3	N.D.	1.	ug/l	1
05390	1,1-Dichloroethene	75-35-4	N.D.	0.8	ug/l	1
05391	Methylene Chloride	75-09-2	N.D.	2.	ug/l	1

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Lancaster Laboratories

Lancaster Laboratories Sample No. WW 5136509

OR-3-082207 Grab Water Sample
Beacon - NY

Collected:08/22/2007 08:45 by EA

Account Number: 11387

Submitted: 08/23/2007 09:30
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Discard: 12/06/2007

Chevron Environmental Mgmt.
4800 Fournace Place
Bellaire TX 77401

OR--3 SDG#: CBN47-10

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
05393	1,1-Dichloroethane	75-34-3	N.D.	1.	ug/l	1
05396	Chloroform	67-66-3	N.D.	0.8	ug/l	1
05398	1,1,1-Trichloroethane	71-55-6	N.D.	0.8	ug/l	1
05399	Carbon Tetrachloride	56-23-5	N.D.	1.	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	1.	ug/l	1
05403	Trichloroethene	79-01-6	N.D.	1.	ug/l	1
05404	1,2-Dichloropropane	78-87-5	N.D.	1.	ug/l	1
05406	Bromodichloromethane	75-27-4	N.D.	1.	ug/l	1
05407	Toluene	108-88-3	N.D.	0.7	ug/l	1
05408	1,1,2-Trichloroethane	79-00-5	N.D.	0.8	ug/l	1
05409	Tetrachloroethene	127-18-4	N.D.	0.8	ug/l	1
05411	Dibromochloromethane	124-48-1	N.D.	1.	ug/l	1
05413	Chlorobenzene	108-90-7	N.D.	0.8	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.8	ug/l	1
05419	Bromoform	75-25-2	N.D.	1.	ug/l	1
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.	ug/l	1
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.	ug/l	1
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.8	ug/l	1
06371	8260 Special Cmpds for Waters					
05654	2-Chloroethyl Vinyl Ether	110-75-8	N.D.	2.	ug/l	1
	2-Chloroethyl vinyl ether is an acid labile compound and may not be recovered in an acid preserved sample.					
05655	Trichlorofluoromethane	75-69-4	N.D.	2.	ug/l	1
06304	1,2-Dichloroethene (Total)	540-59-0	N.D.	0.8	ug/l	1
08171	1,3-Dichlorobenzene	541-73-1	N.D.	1.	ug/l	1
08172	1,4-Dichlorobenzene	106-46-7	N.D.	1.	ug/l	1
08173	1,2-Dichlorobenzene	95-50-1	N.D.	1.	ug/l	1

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

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Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
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Lancaster Laboratories

Lancaster Laboratories Sample No. WW 5136509

OR-3-082207 Grab Water Sample
Beacon - NY

Collected:08/22/2007 08:45 by EA

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Chevron Environmental Mgmt.
4800 Fournace Place
Bellaire TX 77401

OR--3 SDG#: CBN47-10

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
07055	Lead	SW-846 6010B	1	09/02/2007 01:05	Tara L Snyder	1
04678	TCL SW846 Semivolatiles/Waters	SW-846 8270C	1	08/28/2007 01:33	Linda M Hartenstine	1
06291	TCL by 8260 (water)	SW-846 8260B	1	08/28/2007 16:51	Nicholas R Rossi	1
06371	8260 Special Cmpds for Waters	SW-846 8260B	1	08/28/2007 16:51	Nicholas R Rossi	1
00813	BNA Water Extraction	SW-846 3510C	1	08/24/2007 11:00	Mariam G Attalla	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	08/28/2007 16:51	Nicholas R Rossi	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	08/26/2007 23:00	Helen L Schaeffer	1

0857

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Lancaster Laboratories

Lancaster Laboratories Sample No. WW 5136510

OR-2-082207 Grab Water Sample
Beacon - NY

Collected:08/22/2007 09:15 by EA

Account Number: 11387

Submitted: 08/23/2007 09:30
Reported: 09/21/2007 at 07:40
Discard: 12/06/2007

Chevron Environmental Mgmt.
4800 Fournace Place
Bellaire TX 77401

OR--2 SDG#: CBN47-11
I 5E w

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
07055	Lead	7439-92-1	N.D.	0.0069	mg/l	1
04678	TCL SW846 Semivolatiles/Waters					
03871	4-Chloroaniline	106-47-8	N.D.	1.	ug/l	1
03879	Dibenzofuran	132-64-9	N.D.	1.	ug/l	1
03905	2-Methylnaphthalene	91-57-6	N.D.	1.	ug/l	1
03907	2-Nitroaniline	88-74-4	N.D.	1.	ug/l	1
03908	3-Nitroaniline	99-09-2	N.D.	1.	ug/l	1
03909	4-Nitroaniline	100-01-6	N.D.	1.	ug/l	1
03922	2,4,5-Trichlorophenol	95-95-4	N.D.	1.	ug/l	1
03924	2-Chlorophenol	95-57-8	N.D.	1.	ug/l	1
03925	Phenol	108-95-2	N.D.	1.	ug/l	1
03926	2-Nitrophenol	88-75-5	N.D.	1.	ug/l	1
03927	2,4-Dimethylphenol	105-67-9	N.D.	1.	ug/l	1
03928	2,4-Dichlorophenol	120-83-2	N.D.	3.	ug/l	1
03929	4-Chloro-3-methylphenol	59-50-7	N.D.	1.	ug/l	1
03930	2,4,6-Trichlorophenol	88-06-2	N.D.	1.	ug/l	1
03931	2,4-Dinitrophenol	51-28-5	N.D.	1.	ug/l	1
03932	4-Nitrophenol	100-02-7	N.D.	21.	ug/l	1
03933	4,6-Dinitro-2-methylphenol	534-52-1	N.D.	10.	ug/l	1
03934	Pentachlorophenol	87-86-5	N.D.	5.	ug/l	1
03936	bis(2-Chloroethyl)ether	111-44-4	N.D.	3.	ug/l	1
03937	1,3-Dichlorobenzene	541-73-1	N.D.	1.	ug/l	1
03938	1,4-Dichlorobenzene	106-46-7	N.D.	1.	ug/l	1
03939	1,2-Dichlorobenzene	95-50-1	N.D.	1.	ug/l	1
03941	Hexachloroethane	67-72-1	N.D.	1.	ug/l	1
03942	N-Nitroso-di-n-propylamine	621-64-7	N.D.	1.	ug/l	1
03943	Nitrobenzene	98-95-3	N.D.	1.	ug/l	1
03944	Isophorone	78-59-1	N.D.	1.	ug/l	1
03945	bis(2-Chloroethoxy)methane	111-91-1	N.D.	1.	ug/l	1
03946	1,2,4-Trichlorobenzene	120-82-1	N.D.	1.	ug/l	1
03947	Naphthalene	91-20-3	N.D.	1.	ug/l	1
03948	Hexachlorobutadiene	87-68-3	N.D.	1.	ug/l	1
03949	Hexachlorocyclopentadiene	77-47-4	N.D.	5.	ug/l	1
03950	2-Chloronaphthalene	91-58-7	N.D.	2.	ug/l	1
03951	Acenaphthylene	208-96-8	N.D.	1.	ug/l	1
03952	Dimethylphthalate	131-11-3	N.D.	2.	ug/l	1
03953	2,6-Dinitrotoluene	606-20-2	N.D.	1.	ug/l	1
03954	Acenaphthene	83-32-9	N.D.	1.	ug/l	1

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Lancaster Laboratories

Lancaster Laboratories Sample No. WW 5136510

OR-2-082207 Grab Water Sample
Beacon - NY

Collected:08/22/2007 09:15 by EA

Account Number: 11387

Submitted: 08/23/2007 09:30
Reported: 09/21/2007 at 07:40
Discard: 12/06/2007

Chevron Environmental Mgmt.
4800 Fournace Place
Bellaire TX 77401

OR--2 SDG#: CBN47-11

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
03955	2,4-Dinitrotoluene	121-14-2	N.D.	1.	ug/l	1
03956	Fluorene	86-73-7	N.D.	1.	ug/l	1
03957	4-Chlorophenyl-phenylether	7005-72-3	N.D.	2.	ug/l	1
03958	Diethylphthalate	84-66-2	N.D.	2.	ug/l	1
03960	N-Nitrosodiphenylamine	86-30-6	N.D.	2.	ug/l	1
	N-nitrosodiphenylamine decomposes in the GC inlet forming diphenylamine. The result reported for N-nitrosodiphenylamine represents the combined total of both compounds.					
03961	4-Bromophenyl-phenylether	101-55-3	N.D.	1.	ug/l	1
03962	Hexachlorobenzene	118-74-1	N.D.	1.	ug/l	1
03963	Phenanthrene	85-01-8	N.D.	1.	ug/l	1
03964	Anthracene	120-12-7	N.D.	1.	ug/l	1
03965	Di-n-butylphthalate	84-74-2	N.D.	2.	ug/l	1
03966	Fluoranthene	206-44-0	N.D.	1.	ug/l	1
03967	Pyrene	129-00-0	N.D.	1.	ug/l	1
03969	Butylbenzylphthalate	85-68-7	N.D.	2.	ug/l	1
03970	Benzo(a)anthracene	56-55-3	N.D.	1.	ug/l	1
03971	Chrysene	218-01-9	N.D.	1.	ug/l	1
03972	3,3'-Dichlorobenzidine	91-94-1	N.D.	2.	ug/l	1
03973	bis(2-Ethylhexyl)phthalate	117-81-7	N.D.	2.	ug/l	1
03974	Di-n-octylphthalate	117-84-0	N.D.	2.	ug/l	1
03975	Benzo(b)fluoranthene	205-99-2	N.D.	1.	ug/l	1
03976	Benzo(k)fluoranthene	207-08-9	N.D.	1.	ug/l	1
03977	Benzo(a)pyrene	50-32-8	N.D.	1.	ug/l	1
03978	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	1.	ug/l	1
03979	Dibenz(a,h)anthracene	53-70-3	N.D.	1.	ug/l	1
03980	Benzo(g,h,i)perylene	191-24-2	N.D.	1.	ug/l	1
04680	2-Methylphenol	95-48-7	N.D.	1.	ug/l	1
04681	2,2'-oxybis(1-Chloropropane)	108-60-1	N.D.	1.	ug/l	1
04682	4-Methylphenol	106-44-5	N.D.	2.	ug/l	1
	3-Methylphenol and 4-methylphenol cannot be resolved under the chromatographic conditions used for sample analysis. The result reported for 4-methylphenol represents the combined total of both compounds.					
04684	Carbazole	86-74-8	N.D.	1.	ug/l	1
	Due to insufficient sample, the reporting limits for the GC/MS semivolatile compounds were raised.					
06291	TCL by 8260 (water)					
05385	Chloromethane	74-87-3	N.D.	1.	ug/l	1
05386	Vinyl Chloride	75-01-4	N.D.	1.	ug/l	1
05387	Bromomethane	74-83-9	N.D.	1.	ug/l	1
05388	Chloroethane	75-00-3	N.D.	1.	ug/l	1

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 5136510

OR-2-082207 Grab Water Sample
Beacon - NY

Collected:08/22/2007 09:15 by EA

Account Number: 11387

Submitted: 08/23/2007 09:30
Reported: 09/21/2007 at 07:40
Discard: 12/06/2007

Chevron Environmental Mgmt.
4800 Fournace Place
Bellaire TX 77401

OR--2 SDG#: CBN47-11

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
05390	1,1-Dichloroethene	75-35-4	N.D.	0.8	ug/l	1
05391	Methylene Chloride	75-09-2	N.D.	2.	ug/l	1
05393	1,1-Dichloroethane	75-34-3	N.D.	1.	ug/l	1
05396	Chloroform	67-66-3	N.D.	0.8	ug/l	1
05398	1,1,1-Trichloroethane	71-55-6	N.D.	0.8	ug/l	1
05399	Carbon Tetrachloride	56-23-5	N.D.	1.	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	1.	ug/l	1
05403	Trichloroethene	79-01-6	N.D.	1.	ug/l	1
05404	1,2-Dichloropropane	78-87-5	N.D.	1.	ug/l	1
05406	Bromodichloromethane	75-27-4	N.D.	1.	ug/l	1
05407	Toluene	108-88-3	N.D.	0.7	ug/l	1
05408	1,1,2-Trichloroethane	79-00-5	N.D.	0.8	ug/l	1
05409	Tetrachloroethene	127-18-4	N.D.	0.8	ug/l	1
05411	Dibromochloromethane	124-48-1	N.D.	1.	ug/l	1
05413	Chlorobenzene	108-90-7	N.D.	0.8	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.8	ug/l	1
05419	Bromoform	75-25-2	N.D.	1.	ug/l	1
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.	ug/l	1
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.	ug/l	1
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.8	ug/l	1
06371	8260 Special Cmpds for Waters					
05654	2-Chloroethyl Vinyl Ether	110-75-8	N.D.	2.	ug/l	1
	2-Chloroethyl vinyl ether is an acid labile compound and may not be recovered in an acid preserved sample.					
05655	Trichlorofluoromethane	75-69-4	N.D.	2.	ug/l	1
06304	1,2-Dichloroethene (Total)	540-59-0	N.D.	0.8	ug/l	1
08171	1,3-Dichlorobenzene	541-73-1	N.D.	1.	ug/l	1
08172	1,4-Dichlorobenzene	106-46-7	N.D.	1.	ug/l	1
08173	1,2-Dichlorobenzene	95-50-1	N.D.	1.	ug/l	1

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

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Lancaster Laboratories

Lancaster Laboratories Sample No. WW 5136510

OR-2-082207 Grab Water Sample
Beacon - NY

Collected:08/22/2007 09:15 by EA

Account Number: 11387

Submitted: 08/23/2007 09:30
Reported: 09/21/2007 at 07:40
Discard: 12/06/2007

Chevron Environmental Mgmt.
4800 Fournace Place
Bellaire TX 77401

OR--2 SDG#: CBN47-11

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
07055	Lead	SW-846 6010B	1	09/02/2007 01:09	Tara L Snyder	1
04678	TCL SW846 Semivolatiles/Waters	SW-846 8270C	1	08/28/2007 01:53	Linda M Hartenstine	1
06291	TCL by 8260 (water)	SW-846 8260B	1	08/28/2007 17:14	Nicholas R Rossi	1
06371	8260 Special Cmpds for Waters	SW-846 8260B	1	08/28/2007 17:14	Nicholas R Rossi	1
00813	BNA Water Extraction	SW-846 3510C	1	08/24/2007 11:00	Mariam G Attalla	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	08/28/2007 17:14	Nicholas R Rossi	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	08/26/2007 23:00	Helen L Schaeffer	1

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Lancaster Laboratories Sample No. WW 5136511

DC-1-082207 Grab Water Sample
Beacon - NY

Collected:08/22/2007 09:45 by EA

Account Number: 11387

Submitted: 08/23/2007 09:30
Reported: 09/21/2007 at 07:40
Discard: 12/06/2007

Chevron Environmental Mgmt.
4800 Fournace Place
Bellaire TX 77401

DC--1 SDG#: CBN47-12*
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CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
07055	Lead	7439-92-1	0.0440	0.0069	mg/l	1
04678	TCL SW846 Semivolatiles/Waters					
03871	4-Chloroaniline	106-47-8	N.D.	1.	ug/l	1
03879	Dibenzofuran	132-64-9	N.D.	1.	ug/l	1
03905	2-Methylnaphthalene	91-57-6	N.D.	1.	ug/l	1
03907	2-Nitroaniline	88-74-4	N.D.	1.	ug/l	1
03908	3-Nitroaniline	99-09-2	N.D.	1.	ug/l	1
03909	4-Nitroaniline	100-01-6	N.D.	1.	ug/l	1
03922	2,4,5-Trichlorophenol	95-95-4	N.D.	1.	ug/l	1
03924	2-Chlorophenol	95-57-8	N.D.	1.	ug/l	1
03925	Phenol	108-95-2	N.D.	1.	ug/l	1
03926	2-Nitrophenol	88-75-5	N.D.	1.	ug/l	1
03927	2,4-Dimethylphenol	105-67-9	N.D.	3.	ug/l	1
03928	2,4-Dichlorophenol	120-83-2	N.D.	1.	ug/l	1
03929	4-Chloro-3-methylphenol	59-50-7	N.D.	1.	ug/l	1
03930	2,4,6-Trichlorophenol	88-06-2	N.D.	1.	ug/l	1
03931	2,4-Dinitrophenol	51-28-5	N.D.	22.	ug/l	1
03932	4-Nitrophenol	100-02-7	N.D.	11.	ug/l	1
03933	4,6-Dinitro-2-methylphenol	534-52-1	N.D.	5.	ug/l	1
03934	Pentachlorophenol	87-86-5	N.D.	3.	ug/l	1
03936	bis(2-Chloroethyl)ether	111-44-4	N.D.	1.	ug/l	1
03937	1,3-Dichlorobenzene	541-73-1	N.D.	1.	ug/l	1
03938	1,4-Dichlorobenzene	106-46-7	N.D.	1.	ug/l	1
03939	1,2-Dichlorobenzene	95-50-1	N.D.	1.	ug/l	1
03941	Hexachloroethane	67-72-1	N.D.	1.	ug/l	1
03942	N-Nitroso-di-n-propylamine	621-64-7	N.D.	1.	ug/l	1
03943	Nitrobenzene	98-95-3	N.D.	1.	ug/l	1
03944	Isophorone	78-59-1	N.D.	1.	ug/l	1
03945	bis(2-Chloroethoxy)methane	111-91-1	N.D.	1.	ug/l	1
03946	1,2,4-Trichlorobenzene	120-82-1	N.D.	1.	ug/l	1
03947	Naphthalene	91-20-3	N.D.	1.	ug/l	1
03948	Hexachlorobutadiene	87-68-3	N.D.	1.	ug/l	1
03949	Hexachlorocyclopentadiene	77-47-4	N.D.	5.	ug/l	1
03950	2-Chloronaphthalene	91-58-7	N.D.	2.	ug/l	1
03951	Acenaphthylene	208-96-8	N.D.	1.	ug/l	1
03952	Dimethylphthalate	131-11-3	N.D.	2.	ug/l	1
03953	2,6-Dinitrotoluene	606-20-2	N.D.	1.	ug/l	1
03954	Acenaphthene	83-32-9	N.D.	1.	ug/l	1

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Lancaster Laboratories

Lancaster Laboratories Sample No. WW 5136511

DC-1-082207 Grab Water Sample
Beacon - NY

Collected:08/22/2007 09:45 by EA

Account Number: 11387

Submitted: 08/23/2007 09:30
Reported: 09/21/2007 at 07:40
Discard: 12/06/2007

Chevron Environmental Mgmt.
4800 Fournace Place
Bellaire TX 77401

DC--1 SDG#: CBN47-12*

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
03955	2,4-Dinitrotoluene	121-14-2	N.D.	1.	ug/l	1
03956	Fluorene	86-73-7	N.D.	1.	ug/l	1
03957	4-Chlorophenyl-phenylether	7005-72-3	N.D.	2.	ug/l	1
03958	Diethylphthalate	84-66-2	N.D.	2.	ug/l	1
03960	N-Nitrosodiphenylamine	86-30-6	N.D.	2.	ug/l	1
	N-nitrosodiphenylamine decomposes in the GC inlet forming diphenylamine. The result reported for N-nitrosodiphenylamine represents the combined total of both compounds.					
03961	4-Bromophenyl-phenylether	101-55-3	N.D.	1.	ug/l	1
03962	Hexachlorobenzene	118-74-1	N.D.	1.	ug/l	1
03963	Phenanthrene	85-01-8	N.D.	1.	ug/l	1
03964	Anthracene	120-12-7	N.D.	1.	ug/l	1
03965	Di-n-butylphthalate	84-74-2	N.D.	2.	ug/l	1
03966	Fluoranthene	206-44-0	N.D.	1.	ug/l	1
03967	Pyrene	129-00-0	N.D.	1.	ug/l	1
03969	Butylbenzylphthalate	85-68-7	N.D.	2.	ug/l	1
03970	Benzo(a)anthracene	56-55-3	N.D.	1.	ug/l	1
03971	Chrysene	218-01-9	N.D.	1.	ug/l	1
03972	3,3'-Dichlorobenzidine	91-94-1	N.D.	2.	ug/l	1
03973	bis(2-Ethylhexyl)phthalate	117-81-7	N.D.	2.	ug/l	1
03974	Di-n-octylphthalate	117-84-0	N.D.	2.	ug/l	1
03975	Benzo(b)fluoranthene	205-99-2	N.D.	1.	ug/l	1
03976	Benzo(k)fluoranthene	207-08-9	N.D.	1.	ug/l	1
03977	Benzo(a)pyrene	50-32-8	N.D.	1.	ug/l	1
03978	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	1.	ug/l	1
03979	Dibenz(a,h)anthracene	53-70-3	N.D.	1.	ug/l	1
03980	Benzo(g,h,i)perylene	191-24-2	N.D.	1.	ug/l	1
04680	2-Methylphenol	95-48-7	N.D.	1.	ug/l	1
04681	2,2'-oxybis(1-Chloropropane)	108-60-1	N.D.	1.	ug/l	1
04682	4-Methylphenol	106-44-5	N.D.	2.	ug/l	1
	3-Methylphenol and 4-methylphenol cannot be resolved under the chromatographic conditions used for sample analysis. The result reported for 4-methylphenol represents the combined total of both compounds.					
04684	Carbazole	86-74-8	N.D.	1.	ug/l	1
	Due to insufficient sample, the reporting limits for the GC/MS semivolatile compounds were raised.					
06291	TCL by 8260 (water)					
05385	Chloromethane	74-87-3	N.D.	1.	ug/l	1
05386	Vinyl Chloride	75-01-4	N.D.	1.	ug/l	1
05387	Bromomethane	74-83-9	N.D.	1.	ug/l	1
05388	Chloroethane	75-00-3	N.D.	1.	ug/l	1

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Lancaster Laboratories

Lancaster Laboratories Sample No. WW 5136511

DC-1-082207 Grab Water Sample
Beacon - NY

Collected:08/22/2007 09:45 by EA

Account Number: 11387

Submitted: 08/23/2007 09:30
Reported: 09/21/2007 at 07:40
Discard: 12/06/2007

Chevron Environmental Mgmt.
4800 Fournace Place
Bellaire TX 77401

DC--1 SDG#: CBN47-12*

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
05390	1,1-Dichloroethene	75-35-4	N.D.	0.8	ug/l	1
05391	Methylene Chloride	75-09-2	N.D.	2.	ug/l	1
05393	1,1-Dichloroethane	75-34-3	N.D.	1.	ug/l	1
05396	Chloroform	67-66-3	N.D.	0.8	ug/l	1
05398	1,1,1-Trichloroethane	71-55-6	N.D.	0.8	ug/l	1
05399	Carbon Tetrachloride	56-23-5	N.D.	1.	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	1.	ug/l	1
05403	Trichloroethene	79-01-6	9.	1.	ug/l	1
05404	1,2-Dichloropropane	78-87-5	N.D.	1.	ug/l	1
05406	Bromodichloromethane	75-27-4	N.D.	1.	ug/l	1
05407	Toluene	108-88-3	N.D.	0.7	ug/l	1
05408	1,1,2-Trichloroethane	79-00-5	N.D.	0.8	ug/l	1
05409	Tetrachloroethene	127-18-4	N.D.	0.8	ug/l	1
05411	Dibromochloromethane	124-48-1	N.D.	1.	ug/l	1
05413	Chlorobenzene	108-90-7	N.D.	0.8	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.8	ug/l	1
05419	Bromoform	75-25-2	N.D.	1.	ug/l	1
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.	ug/l	1
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.	ug/l	1
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.8	ug/l	1
06371	8260 Special Cmpds for Waters					
05654	2-Chloroethyl Vinyl Ether	110-75-8	N.D.	2.	ug/l	1
	2-Chloroethyl vinyl ether is an acid labile compound and may not be recovered in an acid preserved sample.					
05655	Trichlorofluoromethane	75-69-4	N.D.	2.	ug/l	1
06304	1,2-Dichloroethene (Total)	540-59-0	N.D.	0.8	ug/l	1
08171	1,3-Dichlorobenzene	541-73-1	N.D.	1.	ug/l	1
08172	1,4-Dichlorobenzene	106-46-7	N.D.	1.	ug/l	1
08173	1,2-Dichlorobenzene	95-50-1	N.D.	1.	ug/l	1

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

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2425 New Holland Pike
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Lancaster Laboratories

Lancaster Laboratories Sample No. WW 5136511

DC-1-082207 Grab Water Sample
Beacon - NY

Collected:08/22/2007 09:45 by EA

Account Number: 11387

Submitted: 08/23/2007 09:30
Reported: 09/21/2007 at 07:40
Discard: 12/06/2007

Chevron Environmental Mgmt.
4800 Fournace Place
Bellaire TX 77401

DC--1 SDG#: CBN47-12*

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
07055	Lead	SW-846 6010B	1	09/02/2007 01:14	Tara L Snyder	1
04678	TCL SW846 Semivolatiles/Waters	SW-846 8270C	1	08/28/2007 02:13	Linda M Hartenstine	1
06291	TCL by 8260 (water)	SW-846 8260B	1	08/28/2007 17:37	Nicholas R Rossi	1
06371	8260 Special Cmpds for Waters	SW-846 8260B	1	08/28/2007 17:37	Nicholas R Rossi	1
00813	BNA Water Extraction	SW-846 3510C	1	08/24/2007 11:00	Mariam G Attalla	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	08/28/2007 17:37	Nicholas R Rossi	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	08/26/2007 23:00	Helen L Schaeffer	1

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Volatiles by GC/MS Data

Case Narrative
Conformance/Nonconformance Summary

CASE NARRATIVE
Client: Chevron Environmental Mgmt.
SDG#: CBN47

LANCASTER LABORATORIES
VOLATILES BY GC/MS

SAMPLE NUMBERS:

		Matrix	
LL #'s	Sample Code	Water	Comments
5136497	TF--5	X	
5136498	TF-23	X	
5136499	TF123	X	
5136500	BCEB1	X	Client Blank
5136501	BCTRB	X	Client Blank
5136502	DC--2	X	
5136503	DB-8A	X	
5136504	OS--1	X	
5136505	OS--3	X	Unspiked
5136506	OS--3MS	X	Matrix Spike
5136507	OS--3MSD	X	Matrix Spike Dup
5136509	OR--3	X	
5136510	OR--2	X	
5136511	DC--1	X	

LABORATORY SUBMITTED QC:

VBLKY58	VBLKY58	X	Method Blank
LCSY58	LCSY58	X	Lab Control Sample

SAMPLE PREPARATION:

No sample preparation was necessary for the VOA fraction.

ANALYSIS:

The pH value for all samples was < 2.

No problems were encountered during the analysis of these samples.

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QUALITY CONTROL and NONCONFORMANCE SUMMARY:

If site-specific QC were not submitted, matrix QC may not be included. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD was performed, unless otherwise specified in the method.

The percent recovery for 2-chloroethyl vinyl ether in the MS and MSD is outside QC limits. This compound meets recovery criteria in the LCS analysis.

All QC is within specifications.

DATA INTERPRETATION:

No further interpretation is necessary for the data submitted.

CALCULATIONS:

1. Relative response factor (RRF)

$$RRF = \frac{Ax}{Ais} \times \frac{Cis}{Cx}$$

Where :
Ax = Area of the characteristic ion for the compound to be measured.
Ais = Area of the characteristic ion for the specific internal standard to be measured.
Cis = Concentration of the internal standard.
Cx = Concentration of the compound to be measured.

2. % Relative Standard Deviation (%RSD)

$$\%RSD = \frac{\text{Standard deviation}}{\text{mean}} \times 100$$

3. % Difference (%D)

$$\%D = \frac{RRFc - RRFi}{RRFi} \times 100$$

Where:
RRFc=Relative response factor from continuing calibration standard.
RRFi = Mean relative response factor from the initial calibration.

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4. Concentration

$$\text{Concentration (ug/l)} = \frac{(Ax)\ (Is)\ (Df)}{(Ais)\ (RRF)}$$

Where:
Ax , Ais, RRF are as given in 1. above.
Is = Concentration of internal standard added in parts per billion (ug/l)
Df = Dilution factor

5. % Recovery (%Rec)

$$\%Rec = \frac{SSR - SR}{SA} \times 100$$

Where:
SSR = Spiked sample result
SR = Sample result
SA = Spike added

6. Relative Percent Difference (RPD)

$$RPD = \frac{|\ MSR - MSDR\ |}{(1/2)\ (MSR+MSDR)} \times 100$$

Where:
MSR = Matrix spike recovery
MSDR = Matrix spike duplicate recovery

Case Narrative reviewed and approved by:

Grace Dalm for Date 9-21-07
Dana M. Kauffman
Manager, Data Deliverables

QC Summary

2A
WATER VOLATILE SURROGATE RECOVERY

Lab Name: Lancaster Laboratories Contract:

Lab Code: Case No.: SAS No.: SDG No.:CBN47

	LL #'s	EPA SAMPLE NO.	S1 (DBF)#	S2 (DCA)#	S3 (TOL)#	S4 (BFB)#	TOT OUT
01	5136497	TF--5	101	92	105	97	0
02	5136498	TF-23	101	92	104	96	0
03	5136499	TF123	104	97	104	96	0
04	5136500	BCEB1	100	90	105	97	0
05	5136501	BCTRB	101	91	104	95	0
06	5136502	DC--2	103	97	103	97	0
07	5136503	DB-8A	103	91	104	98	0
08	5136504	OS--1	102	90	106	97	0
09	5136505	OS--3	102	92	105	97	0
10	5136506	OS--3MS	102	90	106	103	0
11	5136507	OS--3MSD	102	94	106	103	0
12	5136509	OR--3	100	92	105	97	0
13	5136510	OR--2	102	94	103	95	0
14	5136511	DC--1	101	91	105	99	0
15	VBLKY58	VBLKY58	100	95	105	99	0
16	LCSY58	LCSY58	100	94	107	103	0

	QC LIMITS
S1 (DBF) = Dibromofluoromethane	(80-116)
S2 (DCA) = 1,2-Dichloroethane-d4	(77-113)
S3 (TOL) = Toluene-d8	(80-113)
S4 (BFB) = 4-Bromofluorobenzene	(78-113)

Column to be used to flag recovery values
* Values outside of contract required QC limits
D Surrogate diluted out

Lancaster Laboratories, Inc.
GC/MS Volatiles Matrix Spike/Spike Duplicate Recoveries

Unspiked: yg28s09.d
OS--3 5136505
Method: SW-846 8260B
Instrument: HP09355

Matrix Spike: yg28s10.d
OS--3MS 5136506
Matrix/Level: WL
Dilution Factor: 1.00

Spike Duplicate: yg28s11.d
OS--3MSD 5136507
Batch: Y072401AA

COMPOUND NAME	MS SPIKE	MSD SPIKE	US CONC UG/L	MS CONC UG/L	MSD CONC UG/L	MS REC %	MSD REC %	Range LOWER-UPPER	INSPEC	RPD %	RPD MAX
Chloromethane	20.0	20.0	ND	19.2	18.2	96	91	47-133	YES	6	30
Vinyl Chloride	20.0	20.0	ND	18.3	17.5	92	88	55-130	YES	4	30
Bromomethane	20.0	20.0	ND	17.9	16.7	90	83	52-129	YES	7	30
Chloroethane	20.0	20.0	ND	18.0	16.8	90	84	57-130	YES	7	30
Trichlorofluoromethane	20.0	20.0	ND	23.1	21.9	116	110	67-150	YES	5	30
1,1-Dichloroethene	20.0	20.0	ND	22.7	20.4	114	102	87-145	YES	11	30
Methylene Chloride	20.0	20.0	ND	19.6	18.9	98	94	79-133	YES	4	30
trans-1,2-Dichloroethene	20.0	20.0	ND	22.8	21.4	114	107	82-133	YES	6	30
1,2-Dichloroethene (total)	40.0	40.0	ND	44.4	41.3	111	103	81-134	YES	7	30
1,1-Dichloroethane	20.0	20.0	ND	23.4	21.1	117	105	85-135	YES	10	30
cis-1,2-Dichloroethene	20.0	20.0	ND	21.6	19.9	108	100	83-126	YES	8	30
Chloroform	20.0	20.0	ND	23.6	21.9	118	110	83-139	YES	7	30
1,1,1-Trichloroethane	20.0	20.0	ND	24.8	23.5	124	118	81-142	YES	5	30
Carbon Tetrachloride	20.0	20.0	ND	25.8	23.2	129	116	82-149	YES	11	30
Benzene	20.0	20.0	ND	23.2	21.0	116	105	83-128	YES	10	30
1,2-Dichloroethane	20.0	20.0	ND	24.7	22.0	123	110	70-143	YES	11	30
Trichloroethene	20.0	20.0	ND	23.6	21.7	118	108	83-136	YES	8	30
1,2-Dichloropropane	20.0	20.0	ND	22.9	21.1	114	106	83-129	YES	8	30
Bromodichloromethane	20.0	20.0	ND	24.2	22.0	121	110	80-137	YES	10	30
2-Chloroethyl Vinyl Ether	20.0	20.0	ND	ND	ND	0	0	1 -156	NO	0	30
cis-1,3-Dichloropropene	20.0	20.0	ND	21.3	19.7	106	98	80-126	YES	8	30
Toluene	20.0	20.0	ND	23.1	21.2	115	106	83-127	YES	9	30
trans-1,3-Dichloropropene	20.0	20.0	ND	21.5	20.0	108	100	77-123	YES	7	30
1,1,2-Trichloroethane	20.0	20.0	ND	21.1	19.6	105	98	77-125	YES	7	30
Tetrachloroethene	20.0	20.0	ND	21.8	20.1	109	101	78-133	YES	8	30
Dibromochloromethane	20.0	20.0	ND	23.0	21.5	115	107	82-119	YES	7	30
Chlorobenzene	20.0	20.0	ND	22.0	20.2	110	101	83-120	YES	9	30
Ethylbenzene	20.0	20.0	ND	21.9	20.2	110	101	82-129	YES	8	30
m+p-Xylene	40.0	40.0	ND	44.1	40.5	110	101	82-130	YES	9	30
Xylene (Total)	60.0	60.0	ND	65.3	60.1	109	100	82-130	YES	8	30
o-Xylene	20.0	20.0	ND	21.3	19.6	106	98	82-130	YES	8	30
Bromoform	20.0	20.0	ND	20.5	18.8	102	94	64-119	YES	9	30
1,1,2,2-Tetrachloroethane	20.0	20.0	ND	20.3	19.2	102	96	73-121	YES	6	30
1,3-Dichlorobenzene	20.0	20.0	ND	21.2	19.7	106	98	79-123	YES	7	30
1,4-Dichlorobenzene	20.0	20.0	ND	21.0	19.5	105	98	81-122	YES	7	30
1,2-Dichlorobenzene	20.0	20.0	ND	21.0	19.9	105	100	82-117	YES	5	30

N/C = Could not calculate

Lab Chronicle: _____ Ent. by _____

_____ Ver. by _____

Lancaster Laboratories, Inc.
GC/MS Volatiles Laboratory Control Sample Recovery

File: yg28l01.d
Inst: HP09355
Dilution Factor: 1.0

Injected: 08/28/07 at 10:53
Sample: LCSY58

Method: SW-846 8260B
Matrix/Level: WL
Batch: Y072401AA

COMPOUND NAME	SPIKE LEVEL	LCS CONC UG/L	LCS REC %	Range LOWER-UPPER	INSPEC
Dichlorodifluoromethane	20.00	18.63	93	33-125	YES
Chloromethane	20.00	16.50	83	47-122	YES
Vinyl Chloride	20.00	15.58	78	54-123	YES
Bromomethane	20.00	15.62	78	49-117	YES
Chloroethane	20.00	16.21	81	54-117	YES
Trichlorofluoromethane	20.00	18.33	92	59-128	YES
Ethyl Ether	20.00	17.47	87	30-148	YES
Acrolein	150.00	118.48	79	26-151	YES
1,1-Dichloroethene	20.00	19.55	98	76-122	YES
Freon 113	20.00	18.49	92	66-125	YES
Acetone	150.00	186.29	124	40-200	YES
Methyl Iodide	20.00	18.63	93	70-116	YES
2-Propanol	150.00	153.49	102	63-133	YES
Carbon Disulfide	20.00	18.69	93	69-119	YES
Allyl Chloride	20.00	20.25	101	73-129	YES
Methyl Acetate	20.00	20.38	102	58-163	YES
Methylene Chloride	20.00	19.79	99	85-120	YES
t-Butyl Alcohol	200.00	208.48	104	74-117	YES
Acrylonitrile	100.00	88.50	89	67-128	YES
trans-1,2-Dichloroethene	20.00	20.81	104	83-117	YES
Methyl Tertiary Butyl Ether	20.00	20.22	101	73-119	YES
n-Hexane	20.00	19.83	99	61-131	YES
1,2-Dichloroethene (total)	40.00	41.20	103	84-117	YES
1,1-Dichloroethane	20.00	21.32	107	83-127	YES
di-Isopropyl Ether	20.00	20.83	104	70-123	YES
2-Chloro-1,3-Butadiene	20.00	20.38	102	62-129	YES
Ethyl t-Butyl Ether	20.00	20.38	102	74-120	YES
cis-1,2-Dichloroethene	20.00	20.39	102	84-117	YES
2-Butanone	150.00	163.51	109	52-163	YES
2,2-Dichloropropane	20.00	21.82	109	74-130	YES
Propionitrile	150.00	169.67	113	68-137	YES
Methacrylonitrile	150.00	152.03	101	80-125	YES
Bromochloromethane	20.00	20.47	102	83-121	YES
Tetrahydrofuran	100.00	108.06	108	65-130	YES
Chloroform	20.00	21.98	110	77-125	YES
1,1,1-Trichloroethane	20.00	22.30	112	83-127	YES
Cyclohexane	20.00	21.33	107	72-126	YES
1,1-Dichloropropene	20.00	20.60	103	84-116	YES
Carbon Tetrachloride	20.00	22.31	112	77-130	YES
Isobutyl Alcohol	500.00	569.69	114	63-131	YES
Benzene	20.00	21.05	105	78-119	YES
1,2-Dichloroethane	20.00	22.61	113	69-135	YES
t-Amyl Methyl Ether	20.00	20.44	102	79-113	YES
n-Heptane	20.00	19.79	99	61-134	YES
n-Butanol	1000.00	1057.47	106	63-123	YES
Trichloroethene	20.00	21.59	108	87-117	YES
1,2-Dichloropropane	20.00	21.17	106	80-117	YES
Methylcyclohexane	20.00	20.39	102	73-129	YES
Methyl Methacrylate	20.00	20.54	103	72-121	YES
Dibromomethane	20.00	21.86	109	87-117	YES
1,4-Dioxane	500.00	552.28	110	64-129	YES
Bromodichloromethane	20.00	22.12	111	83-121	YES
2-Nitropropane	20.00	20.27	101	46-140	YES
2-Chloroethyl Vinyl Ether	20.00	19.71	99	66-125	YES
cis-1,3-Dichloropropene	20.00	20.57	103	78-114	YES
4-Methyl-2-Pentanone	100.00	98.87	99	70-130	YES
Toluene	20.00	21.41	107	85-115	YES
trans-1,3-Dichloropropene	20.00	21.19	106	79-114	YES

N/C = Could not calculate

Lab Chronicle: _____ Entered by _____

_____ Ver. by _____

_____

Lancaster Laboratories, Inc.
GC/MS Volatiles Laboratory Control Sample Recovery

File: yg28l01.d
Inst: HP09355
Dilution Factor: 1.0

Injected: 08/28/07 at 10:53
Sample: LCSY58

Method: SW-846 8260B
Matrix/Level: WL
Batch: Y072401AA

COMPOUND NAME	SPIKE LEVEL	LCS CONC UG/L	LCS REC %	Range LOWER-UPPER	INSPEC
Ethyl Methacrylate	20.00	19.58	98	77-118	YES
1,1,2-Trichloroethane	20.00	20.57	103	86-113	YES
Tetrachloroethene	20.00	19.83	99	76-118	YES
1,3-Dichloropropane	20.00	20.75	104	84-119	YES
2-Hexanone	100.00	105.45	105	61-140	YES
Dibromochloromethane	20.00	22.24	111	78-119	YES
1,2-Dibromoethane	20.00	21.00	105	81-114	YES
Chlorobenzene	20.00	20.56	103	85-115	YES
1,1,1,2-Tetrachloroethane	20.00	20.89	104	83-114	YES
Ethylbenzene	20.00	20.30	102	82-119	YES
m+p-Xylene	40.00	40.62	102	83-113	YES
Xylene (Total)	60.00	60.56	101	83-113	YES
o-Xylene	20.00	19.94	100	83-113	YES
Styrene	20.00	19.58	98	82-111	YES
Bromoform	20.00	19.86	99	69-118	YES
Isopropylbenzene	20.00	19.92	100	80-113	YES
Cyclohexanone	500.00	601.38	120	47-140	YES
1,1,2,2-Tetrachloroethane	20.00	20.40	102	72-119	YES
trans-1,4-Dichloro-2-Butene	100.00	105.37	105	49-135	YES
Bromobenzene	20.00	20.51	103	82-110	YES
1,2,3-Trichloropropane	20.00	21.80	109	78-117	YES
n-Propylbenzene	20.00	20.98	105	78-119	YES
2-Chlorotoluene	20.00	20.37	102	78-115	YES
1,3,5-Trimethylbenzene	20.00	20.22	101	78-116	YES
4-Chlorotoluene	20.00	20.22	101	80-112	YES
tert-Butylbenzene	20.00	20.00	100	74-114	YES
Pentachloroethane	20.00	19.47	97	73-119	YES
1,2,4-Trimethylbenzene	20.00	20.52	103	78-117	YES
sec-Butylbenzene	20.00	20.14	101	72-120	YES
p-Isopropyltoluene	20.00	19.91	100	72-118	YES
1,3-Dichlorobenzene	20.00	20.30	102	81-114	YES
1,4-Dichlorobenzene	20.00	20.07	100	84-116	YES
1,2,3-Trimethylbenzene	20.00	20.57	103	81-114	YES
Benzyl Chloride	20.00	18.66	93	71-120	YES
1,3-Diethylbenzene	20.00	20.46	102	77-118	YES
1,4-Diethylbenzene	20.00	20.66	103	76-119	YES
n-Butylbenzene	20.00	19.74	99	75-120	YES
1,2-Dichlorobenzene	20.00	20.04	100	81-112	YES
1,2-Diethylbenzene	20.00	20.52	103	78-117	YES
1,2-Dibromo-3-Chloropropane	20.00	21.55	108	62-128	YES
1,2,4-Trichlorobenzene	20.00	19.39	97	65-114	YES
Hexachlorobutadiene	20.00	18.81	94	62-119	YES
Naphthalene	20.00	19.83	99	61-116	YES
1,2,3-Trichlorobenzene	20.00	20.33	102	67-114	YES
2-Methylnaphthalene	20.00	17.64	88	30-120	YES
Diethylbenzene (total)	60.00	61.64	103	77-118	YES

N/C = Could not calculate

Lab Chronicle: _____ Ent. by _____

_____ Ver. by _____

_____

VOLATILE METHOD BLANK SUMMARY

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Lab File ID: yg28b01.d Lab Sample ID: VBLKY58

Date Analyzed: 08/28/07 Time Analyzed: 10:30

Matrix (soil/water) WATER Level: (low/med) LOW

Instrument ID: HP09355

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

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	LCSY58	LCSY58	yg28l01.d	10:53
02	LCS1Y58	LCS1Y58	yg28l02.d	11:16
03	TF--5	5136497	yg28s01.d	11:53
04	TF-23	5136498	yg28s02.d	12:15
05	TF123	5136499	yg28s03.d	12:38
06	BCEB1	5136500	yg28s04.d	13:01
07	BCTRB	5136501	yg28s05.d	13:24
08	DC--2	5136502	yg28s06.d	13:47
09	DB-8A	5136503	yg28s07.d	14:10
10	OS--1	5136504	yg28s08.d	14:33
11	OS--3	5136505	yg28s09.d	14:56
12	OS--3MS	5136506	yg28s10.d	15:19
13	OS--3MSD	5136507	yg28s11.d	15:42
14	OS--3MS1	5136506	yg28s12.d	16:05
15	OS--3MSD1	5136507	yg28s13.d	16:28
16	OR--3	5136509	yg28s14.d	16:51
17	OR--2	5136510	yg28s15.d	17:14
18	DC--1	5136511	yg28s16.d	17:37
19	CM16S	5136003	yg28s17.d	18:00
20	CM901	5136004	yg28s18.d	18:23
21	CMIT2	5136005	yg28s19.d	18:46
22	FBE03	5135244	yg28s20.d	19:09
23	FBETN	5135247	yg28s23.d	20:16
24	FBE05	5135245	yg28s24.d	20:39
25	FBE06	5135246	yg28s25.d	21:02

COMMENTS: Y072401AA

5A

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Lab File ID: yg22t02.d BFB Injection Date: 08/22/07

Instrument ID: HP09355 BFB Injection Time: 09:41

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

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	20.3
75	30.0 - 60.0% of mass 95	51.3
95	Base peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	7.3
173	Less than 2.0% of mass 174	0.0 (0.0)1
174	Greater than 50.0% of mass 95	87.1
175	5.0 - 9.0% of mass 174	7.2 (8.2)1
176	Greater than 95.0%, but less than 101.0% of mass 174	87.5 (100.5)1
177	5.0 - 9.0% of mass 176	6.0 (6.8)2

1-Value is % mass 174 2-Value is % mass 176

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	VSTD300	VSTD300	yg22i01.d	08/22/07	10:03
02	VSTD100	VSTD100	yg22i02.d	08/22/07	10:26
03	VSTD050	VSTD050	yg22i03.d	08/22/07	10:49
04	VSTD020	VSTD020	yg22i04.d	08/22/07	11:11
05	VSTD010	VSTD010	yg22i05.d	08/22/07	11:34
06	VSTD004	VSTD004	yg22i06.d	08/22/07	11:56
07	1PPBMDL	1PPBMDL	yg22m01.d	08/22/07	12:18

5A

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Lab File ID: yg28t03.d BFB Injection Date: 08/28/07

Instrument ID: HP09355 BFB Injection Time: 09:20

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

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	18.7
75	30.0 - 60.0% of mass 95	52.9
95	Base peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	5.9
173	Less than 2.0% of mass 174	0.0 (0.0)1
174	Greater than 50.0% of mass 95	91.7
175	5.0 - 9.0% of mass 174	6.1 (6.6)1
176	Greater than 95.0%, but less than 101.0% of mass 174	87.5 (95.4)1
177	5.0 - 9.0% of mass 176	4.8 (5.5)2

1-Value is % mass 174 2-Value is % mass 176

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	VSTD020	VSTD020	yg28c04.d	08/28/07	09:44
02	VSTD020	VSTD020	yg28c05.d	08/28/07	10:07
03	VBLKY58	VBLKY58	yg28b01.d	08/28/07	10:30
04	LCSY58	LCSY58	yg28l01.d	08/28/07	10:53
05	LCS1Y58	LCS1Y58	yg28l02.d	08/28/07	11:16
06	TF--5	5136497	yg28s01.d	08/28/07	11:53
07	TF-23	5136498	yg28s02.d	08/28/07	12:15
08	TF123	5136499	yg28s03.d	08/28/07	12:38
09	BCEB1	5136500	yg28s04.d	08/28/07	13:01
10	BCTRB	5136501	yg28s05.d	08/28/07	13:24
11	DC--2	5136502	yg28s06.d	08/28/07	13:47
12	DB-8A	5136503	yg28s07.d	08/28/07	14:10
13	OS--1	5136504	yg28s08.d	08/28/07	14:33
14	OS--3	5136505	yg28s09.d	08/28/07	14:56
15	OS--3MS	5136506	yg28s10.d	08/28/07	15:19
16	OS--3MSD	5136507	yg28s11.d	08/28/07	15:42
17	OS--3MS1	5136506	yg28s12.d	08/28/07	16:05
18	OS--3MSD1	5136507	yg28s13.d	08/28/07	16:28
19	OR--3	5136509	yg28s14.d	08/28/07	16:51
20	OR--2	5136510	yg28s15.d	08/28/07	17:14
21	DC--1	5136511	yg28s16.d	08/28/07	17:37
22	CM16S	5136003	yg28s17.d	08/28/07	18:00

5A

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Lab File ID: yg28t03.d BFB Injection Date: 08/28/07

Instrument ID: HP09355 BFB Injection Time: 09:20

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

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	18.7
75	30.0 - 60.0% of mass 95	52.9
95	Base peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	5.9
173	Less than 2.0% of mass 174	0.0 (0.0)1
174	Greater than 50.0% of mass 95	91.7
175	5.0 - 9.0% of mass 174	6.1 (6.6)1
176	Greater than 95.0%, but less than 101.0% of mass 174	87.5 (95.4)1
177	5.0 - 9.0% of mass 176	4.8 (5.5)2

1-Value is % mass 174 2-Value is % mass 176

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
23	CM901	5136004	yg28s18.d	08/28/07	18:23
24	CMIT2	5136005	yg28s19.d	08/28/07	18:46
25	FBE03	5135244	yg28s20.d	08/28/07	19:09
26	FBETN	5135247	yg28s23.d	08/28/07	20:16
27	FBE05	5135245	yg28s24.d	08/28/07	20:39
28	FBE06	5135246	yg28s25.d	08/28/07	21:02

8879

8A

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Lab File ID (Standard): yg28c04.d Date Analyzed: 08/28/07

Instrument ID: HP09355 Time Analyzed: 09:44

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

	IS1(TBA) AREA #	IS1(TBA) RT #	IS2(FBZ) AREA #	IS2(FBZ) RT #	IS3(CBZ) AREA #	IS3(CBZ) RT #	IS4(DCB) AREA #	IS4(DCB) RT #
12 HOUR STD	197736	2.497	933239	4.734	697047	7.878	436263	9.788
UPPER LIMIT	395472	2.997	1866478	5.234	1394094	8.378	872526	10.288
LOWER LIMIT	98868	1.997	466620	4.234	348524	7.378	218132	9.288
EPA SAMPLE NO.								
01 VBLKY58	209010	2.481	942504	4.724	706062	7.878	405034	9.788
02 LCSY58	182355	2.491	967223	4.727	727521	7.875	443487	9.784
03 LCS1Y58	178870	2.507	909309	4.730	680534	7.878	386351	9.788
04 TF--5	213000	2.478	990709	4.724	748544	7.875	431453	9.788
05 TF-23	189579	2.500	918310	4.730	687647	7.878	398065	9.788
06 TF123	190552	2.491	852909	4.727	655243	7.878	378112	9.788
07 BCEB1	182714	2.494	894843	4.727	667147	7.875	378295	9.788
08 BCTRB	177012	2.510	896192	4.730	680766	7.878	385687	9.788
09 DC--2	182763	2.507	847937	4.730	641730	7.878	368082	9.788
10 DB-8A	194327	2.500	886338	4.734	665412	7.878	385264	9.788
11 OS--1	191223	2.497	934899	4.730	704322	7.875	408162	9.788
12 OS--3	174963	2.494	861581	4.727	650405	7.878	371810	9.788
13 OS--3MS	174761	2.497	888488	4.724	675620	7.875	417434	9.784
14 OS--3MSD	198968	2.491	997175	4.730	750436	7.878	459433	9.788
15 OS--3MS1	190769	2.500	986931	4.730	739493	7.878	425810	9.788
16 OS--3MSD1	189311	2.500	959348	4.724	727129	7.875	422319	9.788
17 OR--3	178691	2.487	865934	4.727	647768	7.878	370791	9.788
18 OR--2	202279	2.484	938952	4.724	714959	7.875	413697	9.788
19 DC--1	186807	2.478	912537	4.724	685293	7.878	394546	9.788
20 CM16S	179578	2.494	863159	4.727	653347	7.878	381023	9.788
21 CM901	183984	2.490	938552	4.730	716737	7.875	415389	9.788
22 CMIT2	180257	2.497	831453	4.730	626276	7.878	359698	9.788

IS1 (TBA)=t-Butyl Alcohol-d10
IS2 (FBZ)=Fluorobenzene
IS3 (CBZ)=Chlorobenzene-d5
IS4 (DCB)=1,4-Dichlorobenzene-d4

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

8888

Column used to flag values outside QC limits with an asterisk
* Values outside of QC limits.

8A

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Lab File ID (Standard): yg28c04.d Date Analyzed: 08/28/07

Instrument ID: HP09355 Time Analyzed: 09:44

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

	IS1(TBA) AREA #	RT #	IS2(FBZ) AREA #	RT #	IS3(CBZ) AREA #	RT #	IS4(DCB) AREA #	RT #
12 HOUR STD	197736	2.497	933239	4.734	697047	7.878	436263	9.788
UPPER LIMIT	395472	2.997	1866478	5.234	1394094	8.378	872526	10.288
LOWER LIMIT	98868	1.997	466620	4.234	348524	7.378	218132	9.288
EPA SAMPLE NO.								
23 FBE03			857679	4.727	656138	7.878	378709	9.788
24 FBETN			858403	4.727	650298	7.875	385335	9.784
25 FBE05			861977	4.727	663579	7.875	382845	9.788
26 FBE06			940461	4.727	724654	7.878	435854	9.788

IS1 (TBA)=t-Butyl Alcohol-d10
IS2 (FBZ)=Fluorobenzene
IS3 (CBZ)=Chlorobenzene-d5
IS4 (DCB)=1,4-Dichlorobenzene-d4

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

8881

Column used to flag values outside QC limits with an asterisk
* Values outside of QC limits.

FORM VIII VOA

Sample Data

1A

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

TF--5

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 5136497

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: HP09355.i/07aug28b.b/yg28s01.d

Level: (low/med) LOW Date Received: 08/23/07

Moisture: not dec. _____ Date Analyzed: 08/28/07

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
74-87-3	Chloromethane	5	U
75-01-4	Vinyl Chloride	5	U
74-83-9	Bromomethane	5	U
75-00-3	Chloroethane	5	U
75-69-4	Trichlorofluoromethane	5	U
75-35-4	1,1-Dichloroethene	5	U
75-09-2	Methylene Chloride	5	U
156-60-5	trans-1,2-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
156-59-2	cis-1,2-Dichloroethene	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	5	U
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
71-43-2	Benzene	5	U
107-06-2	1,2-Dichloroethane	5	U
79-01-6	Trichloroethene	5	U
78-87-5	1,2-Dichloropropane	5	U
75-27-4	Bromodichloromethane	5	U
110-75-8	2-Chloroethyl Vinyl Ether	10	U
10061-01-5	cis-1,3-Dichloropropene	5	U
108-88-3	Toluene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
79-00-5	1,1,2-Trichloroethane	5	U
127-18-4	Tetrachloroethene	5	U
124-48-1	Dibromochloromethane	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
XYLENES1314	m+p-Xylene	5	U
1330-20-7	Xylene (Total)	5	U

0083

FORM I VOA

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TF--5

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 5136497

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: HP09355.i/07aug28b.b/yg28s01.d

Level: (low/med) LOW Date Received: 08/23/07

Moisture: not dec. _____ Date Analyzed: 08/28/07

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
95-47-6	o-Xylene	5	U
75-25-2	Bromoform	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
541-73-1	1,3-Dichlorobenzene	5	U
106-46-7	1,4-Dichlorobenzene	5	U
95-50-1	1,2-Dichlorobenzene	5	U

FORM I VOA

TF--5

Lancaster Laboratories
Quantitation Report GC/MS Volatiles

5136497

File: /chem2/HP09355.i/07aug28b.b/yg28s01.d
Sample: TF--5;5136497;1;0;;;;
Injected At:28-AUG-2007 11:53
Calibration Time: 20-JUL-2007 09:25
Target Method: Y8260W.m
Blank Reference: yg28b01.d
Sublist: CHEVE

Sample Concentration Formula: On-Column Amount * (Vt/Vo)
Batch:Y072401AA
Analyst:NRR01826
Instrument ID:HP09355.i
Standard Reference: yg28c04.d
Prep Factor:1.00
Units: ug/L

Matrix: WATER
Level: Low
Sample Wt./Vol.: 5.0000 ml (Vo)
Volume Purged: 5.0 ml (Vt)
Bottle Code:38A

Internal Standards	RT(+/-RT)	Scan	QIon	Area(+/- %Area)	Conc(ext)	QC Flag
23) t-Butyl Alcohol-d10	2.478(0.019)	513	65	213000(8)	250.00	
66) Fluorobenzene	4.724(0.010)	1213	96	990709(6)	50.00	
102) Chlorobenzene-d5	7.875(0.003)	2195	117	748544(7)	50.00	
133) 1,4-Dichlorobenzene-d4	9.788(0.000)	2791	152	431453(-1)	50.00	

= RETENTION TIME OUT OF RANGE * = INTERNAL STANDARD OUT OF RANGE NC = NOT ABLE TO CALCULATE

Surrogate Standards	I.S. Ref.	RT (+/-RRT)	QIon	Area	Conc. (on column)	%Rec.	QC flags	QC Limits
48) Dibromofluoromethane	(1)	4.060(0.000)	113	241675	50.546	101%		80 - 116
57) 1,2-Dichloroethane-d4	(1)	4.387(-0.001)	102	60852	46.065	92%		77 - 113
87) Toluene-d8	(2)	6.370(0.000)	98	984296	52.435	105%		80 - 113
115) 4-Bromofluorobenzene	(2)	8.902(0.000)	95	350914	48.619	97%		78 - 113

= RELATIVE RETENTION TIME OUT OF RANGE * = PERCENT REC.OUT OF RANGE D = DILUTED OUT NC = NOT ABLE TO CALCULATE

Target Compounds	I.S. Ref.	RT (+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit	LOQ
2) Chloromethane	(1)				ND	ND			1.00	5.00
4) Vinyl Chloride	(1)				ND	ND			1.00	5.00
5) Bromomethane	(1)				ND	ND			1.00	5.00
6) Chloroethane	(1)				ND	ND			1.00	5.00
8) Trichlorofluoromethane	(1)				ND	ND			2.00	5.00
13) 1,1-Dichloroethene	(1)				ND	ND			0.80	5.00
22) Methylene Chloride	(1)				ND	ND			2.00	5.00
26) trans-1,2-Dichloroethene	(1)				ND	ND			0.80	5.00
40) 1,2-Dichloroethene (total)	(1)				ND	ND			0.80	5.00
30) 1,1-Dichloroethane	(1)				ND	ND			1.00	5.00
37) cis-1,2-Dichloroethene	(1)				ND	ND			0.80	5.00
46) Chloroform	(1)				ND	ND			0.80	5.00
50) 1,1,1-Trichloroethane	(1)				ND	ND			0.80	5.00
55) Carbon Tetrachloride	(1)				ND	ND			1.00	5.00
59) Benzene	(1)				ND	ND			0.50	5.00
61) 1,2-Dichloroethane	(1)				ND	ND			1.00	5.00
70) Trichloroethene	(1)				ND	ND			1.00	5.00
73) 1,2-Dichloropropane	(1)				ND	ND			1.00	5.00
79) Bromodichloromethane	(1)				ND	ND			1.00	5.00
82) 2-Chloroethyl Vinyl Ether	(1)				ND	ND			2.00	10.00
83) cis-1,3-Dichloropropene	(1)				ND	ND			1.00	5.00
89) Toluene	(2)				ND	ND			0.70	5.00
91) trans-1,3-Dichloropropene	(2)				ND	ND			1.00	5.00
93) 1,1,2-Trichloroethane	(2)				ND	ND			0.80	5.00

E = CONC. OUT OF CAL. RANGE # = RELATIVE RETENTION TIME OUT OF RANGE

TF--5

Lancaster Laboratories
Quantitation Report GC/MS Volatiles

5136497

File: /chem2/HP09355.i/07aug28b.b/yg28s01.d
Sample: TF--5;5136497;1;0;;;;
Injected At:28-AUG-2007 11:53
Calibration Time: 20-JUL-2007 09:25
Target Method: Y8260W.m
Blank Reference: yg28b01.d
Sublist: CHEVE

Sample Concentration Formula: On-Column Amount * (Vt/Vo)
Batch:Y072401AA
Analyst:NRR01826
Instrument ID:HP09355.i
Standard Reference: yg28c04.d
Prep Factor:1.00
Units: ug/L

Matrix: WATER
Level: Low
Sample Wt./Vol.: 5.0000 ml (Vo)
Volume Purged: 5.0 ml (Vt)
Bottle Code:38A

Target Compounds	I.S. Ref.	RT	(+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit	LOQ
94) Tetrachloroethene	(2)					ND	ND			0.80	5.00
99) Dibromochloromethane	(2)					ND	ND			1.00	5.00
103) Chlorobenzene	(2)					ND	ND			0.80	5.00
105) Ethylbenzene	(2)					ND	ND			0.80	5.00
106) m+p-Xylene	(2)					ND	ND			0.80	5.00
107) Xylene (Total)	(2)					ND	ND			0.80	5.00
108) o-Xylene	(2)					ND	ND			0.80	5.00
110) Bromoform	(2)					ND	ND			1.00	5.00
118) 1,1,2,2-Tetrachloroethane	(3)					ND	ND			1.00	5.00
131) 1,3-Dichlorobenzene	(3)					ND	ND			1.00	5.00
134) 1,4-Dichlorobenzene	(3)					ND	ND			1.00	5.00
140) 1,2-Dichlorobenzene	(3)					ND	ND			1.00	5.00

E = CONC. OUT OF CAL. RANGE # = RELATIVE RETENTION TIME OUT OF RANGE

Comments: _____

Analyst: NRR 2189 Date: 9/3/07

Auditor: [signature] Date: 9/4/07

6086

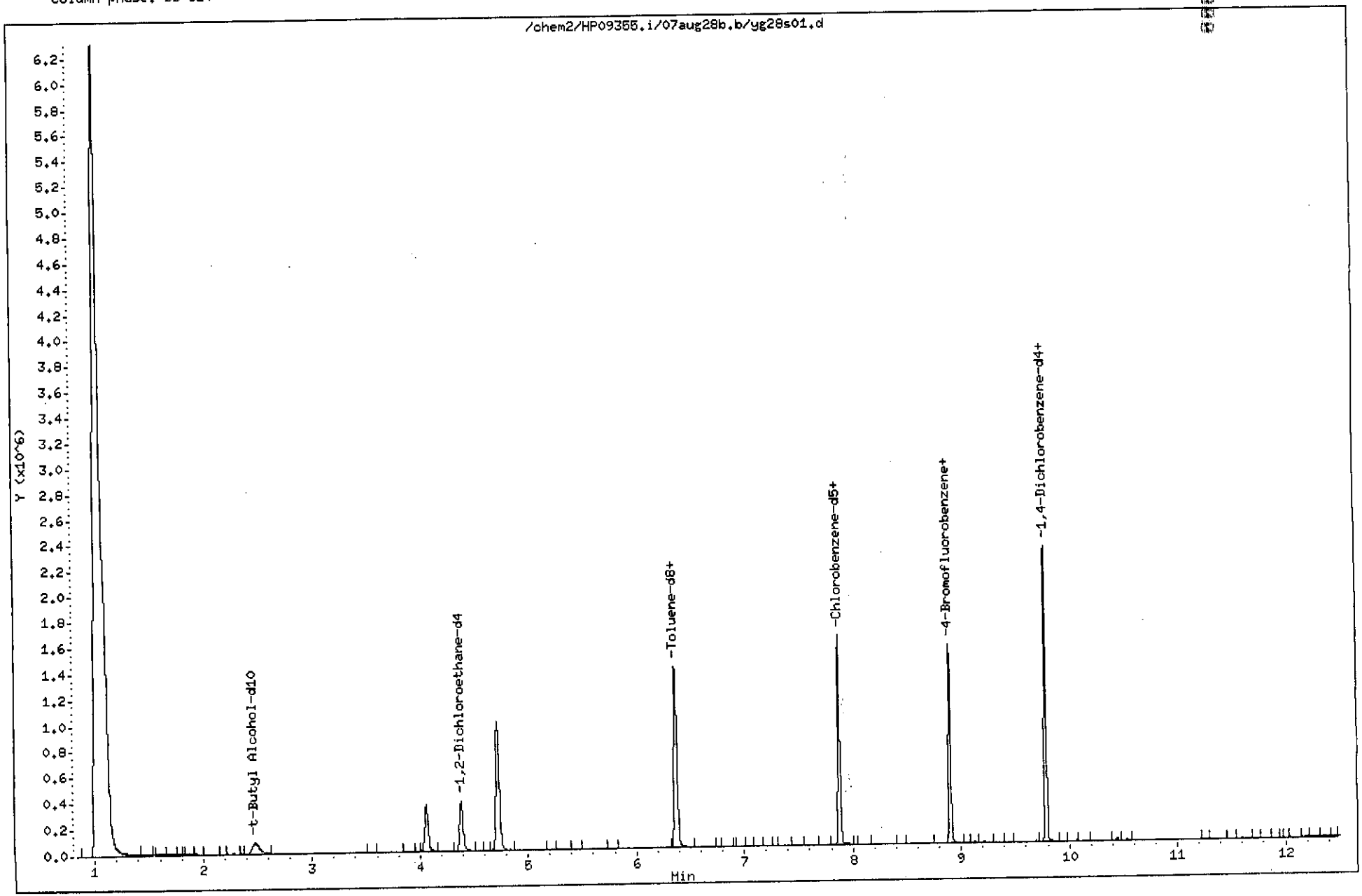
Data File: /chem2/HP09355.i/07aug28b.b/yg28s01.d
Date : 28-AUG-2007 11:53
Client ID: TF--5
Sample Info: TF--5;5136497;1;0;;;;
Purge Volume: 5.0
Column phase: DB-624

Instrument: HP09355.i

Operator: NRR01826
Column diameter: 0.18

MSW 2109 8/29/07

/chem2/HP09355.i/07aug28b.b/yg28s01.d



Quant Report

Target Revision 3.5

Data File: /chem2/HP09355.i/07aug28b.b/yg28s01.d Instrument ID: HP09355.i
Injection date and time: 28-AUG-2007 11:53 Analyst ID: NRR01826

Method used: /chem2/HP09355.i/07aug28b.b/Y8260W.m Sublist used: CHEVE
Calibration date and time: 20-JUL-2007 09:25
Date, time and analyst ID of latest file update: 28-Aug-2007 15:33 msw02109

Sample Name: TF--5 Lab Sample ID: 5136497

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
23)*t-Butyl Alcohol-d10	(4)	2.478	65	213000	250.000
66)*Fluorobenzene	(1)	4.724	96	990709	50.000
102)*Chlorobenzene-d5	(2)	7.875	117	748544	50.000
133)*1,4-Dichlorobenzene-d4	(3)	9.788	152	431453	50.000
48)$Dibromofluoromethane	(1)	4.060	113	241675	50.546
57)$1,2-Dichloroethane-d4	(1)	4.387	102	60852	46.065
87)$Toluene-d8	(2)	6.370	98	984296	52.435
115)$4-Bromofluorobenzene	(2)	8.902	95	350914	48.619

* = Compound is an internal standard.
$ = Compound is a surrogate standard.

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TF-23

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 5136498

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: HP09355.i/07aug28b.b/yg28s02.d

Level: (low/med) LOW Date Received: 08/23/07

Moisture: not dec. _____ Date Analyzed: 08/28/07

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
74-87-3	Chloromethane	5	U
75-01-4	Vinyl Chloride	5	U
74-83-9	Bromomethane	5	U
75-00-3	Chloroethane	5	U
75-69-4	Trichlorofluoromethane	5	U
75-35-4	1,1-Dichloroethene	5	U
75-09-2	Methylene Chloride	5	U
156-60-5	trans-1,2-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
156-59-2	cis-1,2-Dichloroethene	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	5	U
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
71-43-2	Benzene	5	U
107-06-2	1,2-Dichloroethane	5	U
79-01-6	Trichloroethene	5	U
78-87-5	1,2-Dichloropropane	5	U
75-27-4	Bromodichloromethane	5	U
110-75-8	2-Chloroethyl Vinyl Ether	10	U
10061-01-5	cis-1,3-Dichloropropene	5	U
108-88-3	Toluene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
79-00-5	1,1,2-Trichloroethane	5	U
127-18-4	Tetrachloroethene	5	U
124-48-1	Dibromochloromethane	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
XYLENES1314	m+p-Xylene	5	U
1330-20-7	Xylene (Total)	5	U

0009

FORM I VOA

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TF-23

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 5136498

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: HP09355.i/07aug28b.b/yg28s02.d

Level: (low/med) LOW Date Received: 08/23/07

Moisture: not dec. _____ Date Analyzed: 08/28/07

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
95-47-6	o-Xylene	5	U
75-25-2	Bromoform	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
541-73-1	1,3-Dichlorobenzene	5	U
106-46-7	1,4-Dichlorobenzene	5	U
95-50-1	1,2-Dichlorobenzene	5	U

TF-23

Lancaster Laboratories
Quantitation Report GC/MS Volatiles

5136498

File: /chem2/HP09355.i/07aug28b.b/yg28s02.d
Sample: TF-23;5136498;1;0;;;;
Injected At:28-AUG-2007 12:15
Calibration Time: 20-JUL-2007 09:25
Target Method: Y8260W.m
Blank Reference: yg28b01.d
Sublist: CHEVE

Sample Concentration Formula: On-Column Amount * (Vt/Vo)
Batch:Y072401AA
Analyst:NRR01826
Instrument ID:HP09355.i
Standard Reference: yg28c04.d
Prep Factor:1.00
Units: ug/L

Matrix: WATER
Level: Low
Sample Wt./Vol.: 5.0000 ml (Vo)
Volume Purged: 5.0 ml (Vt)
Bottle Code:38A

Internal Standards	RT(+/-RT)	Scan	QIon	Area(+/- %Area)	Conc(ext)	QC Flag
23) t-Butyl Alcohol-d10	2.500(-0.003)	520	65	189579(-4)	250.00	
66) Fluorobenzene	4.730(0.003)	1215	96	918310(-2)	50.00	
102) Chlorobenzene-d5	7.878(0.000)	2196	117	687647(-1)	50.00	
133) 1,4-Dichlorobenzene-d4	9.788(0.000)	2791	152	398065(-9)	50.00	

= RETENTION TIME OUT OF RANGE * = INTERNAL STANDARD OUT OF RANGE NC = NOT ABLE TO CALCULATE

Surrogate Standards	I.S. Ref.	RT (+/-RRT)	QIon	Area	Conc. (on column)	%Rec.	QC flags	QC Limits
48) Dibromofluoromethane	(1)	4.072(-0.001)	113	224534	50.663	101%		80 - 116
57) 1,2-Dichloroethane-d4	(1)	4.393(-0.001)	102	56449	46.101	92%		77 - 113
87) Toluene-d8	(2)	6.376(0.000)	98	894733	51.885	104%		80 - 113
115) 4-Bromofluorobenzene	(2)	8.902(0.000)	95	319883	48.244	96%		78 - 113

= RELATIVE RETENTION TIME OUT OF RANGE * = PERCENT REC.OUT OF RANGE D = DILUTED OUT NC = NOT ABLE TO CALCULATE

Target Compounds	I.S. Ref.	RT (+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit	LOQ
2) Chloromethane	(1)				ND	ND			1.00	5.00
4) Vinyl Chloride	(1)				ND	ND			1.00	5.00
5) Bromomethane	(1)				ND	ND			1.00	5.00
6) Chloroethane	(1)				ND	ND			1.00	5.00
8) Trichlorofluoromethane	(1)				ND	ND			2.00	5.00
13) 1,1-Dichloroethene	(1)				ND	ND			0.80	5.00
22) Methylene Chloride	(1)				ND	ND			2.00	5.00
26) trans-1,2-Dichloroethene	(1)				ND	ND			0.80	5.00
40) 1,2-Dichloroethene (total)	(1)				ND	ND			0.80	5.00
30) 1,1-Dichloroethane	(1)				ND	ND			1.00	5.00
37) cis-1,2-Dichloroethene	(1)				ND	ND			0.80	5.00
46) Chloroform	(1)				ND	ND			0.80	5.00
50) 1,1,1-Trichloroethane	(1)				ND	ND			0.80	5.00
55) Carbon Tetrachloride	(1)				ND	ND			1.00	5.00
59) Benzene	(1)				ND	ND			0.50	5.00
61) 1,2-Dichloroethane	(1)				ND	ND			1.00	5.00
70) Trichloroethene	(1)				ND	ND			1.00	5.00
73) 1,2-Dichloropropane	(1)				ND	ND			1.00	5.00
79) Bromodichloromethane	(1)				ND	ND			1.00	5.00
82) 2-Chloroethyl Vinyl Ether	(1)				ND	ND			2.00	10.00
83) cis-1,3-Dichloropropene	(1)				ND	ND			1.00	5.00
89) Toluene	(2)				ND	ND			0.70	5.00
91) trans-1,3-Dichloropropene	(2)				ND	ND			1.00	5.00
93) 1,1,2-Trichloroethane	(2)				ND	ND			0.80	5.00

E = CONC. OUT OF CAL. RANGE # = RELATIVE RETENTION TIME OUT OF RANGE

TF-23

Lancaster Laboratories
Quantitation Report GC/MS Volatiles 5136498

File: /chem2/HP09355.i/07aug28b.b/yg28s02.d
Sample: TF-23;5136498;1;0;;;;
Injected At:28-AUG-2007 12:15
Calibration Time: 20-JUL-2007 09:25
Target Method: Y8260W.m
Blank Reference: yg28b01.d
Sublist: CHEVE

Sample Concentration Formula: On-Column Amount * (Vt/Vo)
Batch:Y072401AA
Analyst:NRR01826
Instrument ID:HP09355.i
Standard Reference: yg28c04.d
Prep Factor:1.00
Units: ug/L

Matrix: WATER
Level: Low
Sample Wt./Vol.: 5.0000 ml (Vo)
Volume Purged: 5.0 ml (Vt)
Bottle Code:38A

Target Compounds	I.S. Ref.	RT	(+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit	LOQ
94) Tetrachloroethene	(2)					ND	ND			0.80	5.00
99) Dibromochloromethane	(2)					ND	ND			1.00	5.00
103) Chlorobenzene	(2)					ND	ND			0.80	5.00
105) Ethylbenzene	(2)					ND	ND			0.80	5.00
106) m+p-Xylene	(2)					ND	ND			0.80	5.00
107) Xylene (Total)	(2)					ND	ND			0.80	5.00
108) o-Xylene	(2)					ND	ND			0.80	5.00
110) Bromoform	(2)					ND	ND			1.00	5.00
118) 1,1,2,2-Tetrachloroethane	(3)					ND	ND			1.00	5.00
131) 1,3-Dichlorobenzene	(3)					ND	ND			1.00	5.00
134) 1,4-Dichlorobenzene	(3)					ND	ND			1.00	5.00
140) 1,2-Dichlorobenzene	(3)					ND	ND			1.00	5.00

E = CONC. OUT OF CAL. RANGE # = RELATIVE RETENTION TIME OUT OF RANGE

Comments:

Analyst: MSW 2109 Date: 8/31/07

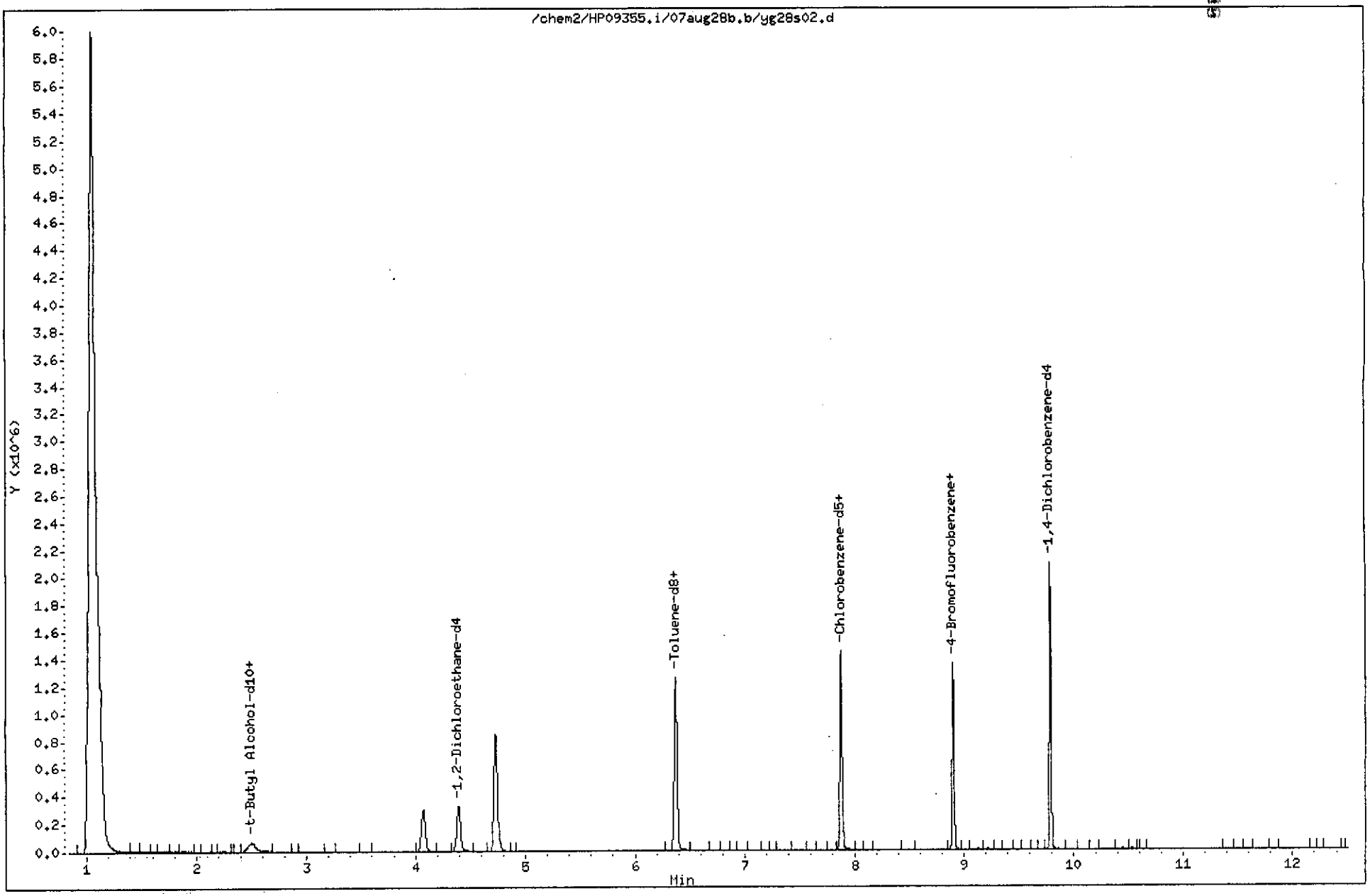
Auditor: JRM 9/5/07 Date:

8892

Data File: /chem2/HP09355.i/07aug28b.b/yg28s02.d
Date : 28-AUG-2007 12:15
Client ID: TF-23
Sample Info: TF-23;5136498;1;0;;;;
Purge Volume: 5.0
Column phase: DB-624

Instrument: HP09355.i

Operator: NRR01826
Column diameter: 0.18



Quant Report

Target Revision 3.5

Data File: /chem2/HP09355.i/07aug28b.b/yg28s02.d Instrument ID: HP09355.i
Injection date and time: 28-AUG-2007 12:15 Analyst ID: NRR01826

Method used: /chem2/HP09355.i/07aug28b.b/Y8260W.m Sublist used: CHEVE
Calibration date and time: 20-JUL-2007 09:25
Date, time and analyst ID of latest file update: 31-Aug-2007 16:09 msw02109

Sample Name: TF-23 Lab Sample ID: 5136498

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
23)*t-Butyl Alcohol-d10	(4)	2.500	65	189579	250.000
66)*Fluorobenzene	(1)	4.730	96	918310	50.000
102)*Chlorobenzene-d5	(2)	7.878	117	687647	50.000
133)*1,4-Dichlorobenzene-d4	(3)	9.788	152	398065	50.000
48)$Dibromofluoromethane	(1)	4.072	113	224534	50.663
57)$1,2-Dichloroethane-d4	(1)	4.393	102	56449	46.101
87)$Toluene-d8	(2)	6.376	98	894733	51.885
115)$4-Bromofluorobenzene	(2)	8.902	95	319883	48.244

* = Compound is an internal standard.
$ = Compound is a surrogate standard.

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TF123

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 5136499

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: HP09355.i/07aug28b.b/yg28s03.d

Level: (low/med) LOW Date Received: 08/23/07

Moisture: not dec. _____ Date Analyzed: 08/28/07

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L		Q
74-87-3	Chloromethane		5	U
75-01-4	Vinyl Chloride		5	U
74-83-9	Bromomethane		5	U
75-00-3	Chloroethane		5	U
75-69-4	Trichlorofluoromethane		5	U
75-35-4	1,1-Dichloroethene		5	U
75-09-2	Methylene Chloride		5	U
156-60-5	trans-1,2-Dichloroethene		5	U
75-34-3	1,1-Dichloroethane		5	U
156-59-2	cis-1,2-Dichloroethene		5	U
540-59-0	1,2-Dichloroethene (total)		5	U
67-66-3	Chloroform		5	U
71-55-6	1,1,1-Trichloroethane		5	U
56-23-5	Carbon Tetrachloride		5	U
71-43-2	Benzene		5	U
107-06-2	1,2-Dichloroethane		5	U
79-01-6	Trichloroethene		5	U
78-87-5	1,2-Dichloropropane		5	U
75-27-4	Bromodichloromethane		5	U
110-75-8	2-Chloroethyl Vinyl Ether		10	U
10061-01-5	cis-1,3-Dichloropropene		5	U
108-88-3	Toluene		5	U
10061-02-6	trans-1,3-Dichloropropene		5	U
79-00-5	1,1,2-Trichloroethane		5	U
127-18-4	Tetrachloroethene		5	U
124-48-1	Dibromochloromethane		5	U
108-90-7	Chlorobenzene		5	U
100-41-4	Ethylbenzene		5	U
XYLENES1314	m+p-Xylene		5	U
1330-20-7	Xylene (Total)		5	U

8695

FORM I VOA

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TF123

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 5136499

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: HP09355.i/07aug28b.b/yg28s03.d

Level: (low/med) LOW Date Received: 08/23/07

Moisture: not dec. _____ Date Analyzed: 08/28/07

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
95-47-6	o-Xylene	5	U
75-25-2	Bromoform	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
541-73-1	1,3-Dichlorobenzene	5	U
106-46-7	1,4-Dichlorobenzene	5	U
95-50-1	1,2-Dichlorobenzene	5	U

8896

TF123

Lancaster Laboratories
Quantitation Report GC/MS Volatiles

5136499

File: /chem2/HP09355.i/07aug28b.b/yg28s03.d
Sample: TF123;5136499;1;0;;;;
Injected At:28-AUG-2007 12:38
Calibration Time: 20-JUL-2007 09:25
Target Method: Y8260W.m
Blank Reference: yg28b01.d
Sublist: CHEVE

Sample Concentration Formula: On-Column Amount * (Vt/Vo)
Batch:Y072401AA
Analyst:NRR01826
Instrument ID:HP09355.i
Standard Reference: yg28c04.d
Prep Factor:1.00
Units: ug/L

Matrix: WATER
Level: Low
Sample Wt./Vol.: 5.0000 ml (Vo)
Volume Purged: 5.0 ml (Vt)
Bottle Code:38A

Internal Standards	RT(+/-RT)	Scan	QIon	Area(+/- %Area)	Conc(ext)	QC Flag
23) t-Butyl Alcohol-d10	2.491(0.006)	517	65	190552(-4)	250.00	
56) Fluorobenzene	4.727(0.006)	1214	96	852909(-9)	50.00	
102) Chlorobenzene-d5	7.878(0.000)	2196	117	655243(-6)	50.00	
133) 1,4-Dichlorobenzene-d4	9.788(0.000)	2791	152	378112(-13)	50.00	

= RETENTION TIME OUT OF RANGE * = INTERNAL STANDARD OUT OF RANGE NC = NOT ABLE TO CALCULATE

Surrogate Standards	I.S. Ref.	RT (+/-RRT)	QIon	Area	Conc. (on column)	%Rec.	QC flags	QC Limits
48) Dibromofluoromethane	(1)	4.063(0.000)	113	214657	52.148	104%		80 - 116
57) 1,2-Dichloroethane-d4	(1)	4.387(0.000)	102	55136	48.481	97%		77 - 113
87) Toluene-d8	(2)	6.373(0.000)	98	850678	51.769	104%		80 - 113
115) 4-Bromofluorobenzene	(2)	8.902(0.000)	95	302981	47.955	96%		78 - 113

= RELATIVE RETENTION TIME OUT OF RANGE * = PERCENT REC.OUT OF RANGE D = DILUTED OUT NC = NOT ABLE TO CALCULATE

Target Compounds	I.S. Ref.	RT (+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit	LOQ
2) Chloromethane	(1)				ND	ND			1.00	5.00
4) Vinyl Chloride	(1)				ND	ND			1.00	5.00
5) Bromomethane	(1)				ND	ND			1.00	5.00
6) Chloroethane	(1)				ND	ND			1.00	5.00
8) Trichlorofluoromethane	(1)				ND	ND			2.00	5.00
13) 1,1-Dichloroethene	(1)				ND	ND			0.80	5.00
22) Methylene Chloride	(1)				ND	ND			2.00	5.00
26) trans-1,2-Dichloroethene	(1)				ND	ND			0.80	5.00
40) 1,2-Dichloroethene (total)	(1)				ND	ND			0.80	5.00
30) 1,1-Dichloroethane	(1)				ND	ND			1.00	5.00
37) cis-1,2-Dichloroethene	(1)				ND	ND			0.80	5.00
46) Chloroform	(1)				ND	ND			0.80	5.00
50) 1,1,1-Trichloroethane	(1)				ND	ND			0.80	5.00
55) Carbon Tetrachloride	(1)				ND	ND			1.00	5.00
59) Benzene	(1)				ND	ND			0.50	5.00
61) 1,2-Dichloroethane	(1)				ND	ND			1.00	5.00
70) Trichloroethene	(1)				ND	ND			1.00	5.00
73) 1,2-Dichloropropane	(1)				ND	ND			1.00	5.00
79) Bromodichloromethane	(1)				ND	ND			1.00	5.00
82) 2-Chloroethyl Vinyl Ether	(1)				ND	ND			2.00	10.00
83) cis-1,3-Dichloropropene	(1)				ND	ND			1.00	5.00
89) Toluene	(2)				ND	ND			0.70	5.00
91) trans-1,3-Dichloropropene	(2)				ND	ND			1.00	5.00
93) 1,1,2-Trichloroethane	(2)				ND	ND			0.80	5.00

E = CONC. OUT OF CAL. RANGE # = RELATIVE RETENTION TIME OUT OF RANGE

3697

TF123

Lancaster Laboratories
Quantitation Report GC/MS Volatiles

5136499

File: /chem2/HP09355.i/07aug28b.b/yg28s03.d
Sample: TF123;5136499;1;0;;;;
Injected At:28-AUG-2007 12:38
Calibration Time: 20-JUL-2007 09:25
Target Method: Y8260W.m
Blank Reference: yg28b01.d
Sublist: CHEVE

Sample Concentration Formula: On-Column Amount * (Vt/Vo)
Batch:Y072401AA
Analyst:NRR01826
Instrument ID:HP09355.i
Standard Reference: yg28c04.d
Prep Factor:1.00
Units: ug/L

Matrix: WATER
Level: Low
Sample Wt./Vol.: 5.0000 ml (Vo)
Volume Purged: 5.0 ml (Vt)
Bottle Code:38A

Target Compounds	I.S. Ref.	RT	(+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit	LOQ
94) Tetrachloroethene	(2)					ND	ND			0.80	5.00
99) Dibromochloromethane	(2)					ND	ND			1.00	5.00
103) Chlorobenzene	(2)					ND	ND			0.80	5.00
105) Ethylbenzene	(2)					ND	ND			0.80	5.00
106) m+p-Xylene	(2)					ND	ND			0.80	5.00
107) Xylene (Total)	(2)					ND	ND			0.80	5.00
108) o-Xylene	(2)					ND	ND			0.80	5.00
110) Bromoform	(2)					ND	ND			1.00	5.00
118) 1,1,2,2-Tetrachloroethane	(3)					ND	ND			1.00	5.00
131) 1,3-Dichlorobenzene	(3)					ND	ND			1.00	5.00
134) 1,4-Dichlorobenzene	(3)					ND	ND			1.00	5.00
140) 1,2-Dichlorobenzene	(3)					ND	ND			1.00	5.00

E = CONC. OUT OF CAL. RANGE # = RELATIVE RETENTION TIME OUT OF RANGE

Comments: _____

Analyst: MSG 2109 Date: 8/31/07

Auditor: 2nd Date: 9/4/07

8098

Data File: /chem2/HP09355.i/07aug28b.b/yg28s03.d
Date : 28-AUG-2007 12:38
Client ID: TF123
Sample Info: TF123;5136499;1;0;;;;
Purge Volume: 5.0
Column phase: DB-624

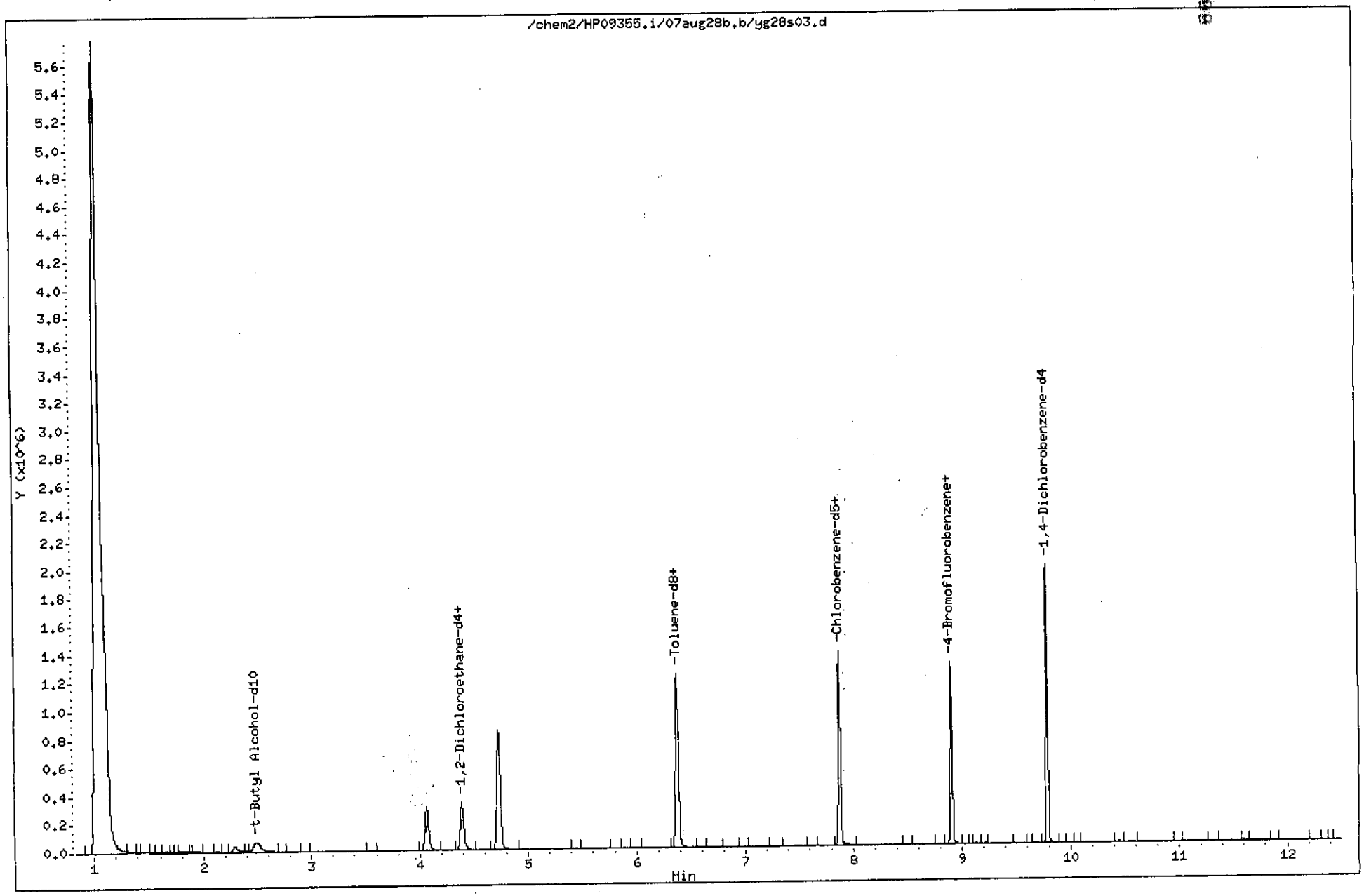
Instrument: HP09355.i

Operator: NRR01826
Column diameter: 0.18

MSD 2109 8/28/07

8835

/chem2/HP09355.i/07aug28b.b/yg28s03.d



Quant Report

Target Revision 3.5

Data File: /chem2/HP09355.i/07aug28b.b/yg28s03.d Instrument ID: HP09355.i
Injection date and time: 28-AUG-2007 12:38 Analyst ID: NRR01826

Method used: /chem2/HP09355.i/07aug28b.b/Y8260W.m Sublist used: CHEVE
Calibration date and time: 20-JUL-2007 09:25
Date, time and analyst ID of latest file update: 28-Aug-2007 15:32 msw02109

Sample Name: TF123 Lab Sample ID: 5136499

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
23)*t-Butyl Alcohol-d10	(4)	2.491	65	190552	250.000
66)*Fluorobenzene	(1)	4.727	96	852909	50.000
102)*Chlorobenzene-d5	(2)	7.878	117	655243	50.000
133)*1,4-Dichlorobenzene-d4	(3)	9.788	152	378112	50.000
48)$Dibromofluoromethane	(1)	4.063	113	214657	52.148
57)$1,2-Dichloroethane-d4	(1)	4.387	102	55136	48.482
87)$Toluene-d8	(2)	6.373	98	850678	51.769
115)$4-Bromofluorobenzene	(2)	8.902	95	302981	47.955

* = Compound is an internal standard.
$ = Compound is a surrogate standard.

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCEB1

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 5136500

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: HP09355.i/07aug28b.b/yg28s04.d

Level: (low/med) LOW Date Received: 08/23/07

Moisture: not dec. _____ Date Analyzed: 08/28/07

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
74-87-3	Chloromethane	5	U
75-01-4	Vinyl Chloride	5	U
74-83-9	Bromomethane	5	U
75-00-3	Chloroethane	5	U
75-69-4	Trichlorofluoromethane	5	U
75-35-4	1,1-Dichloroethene	5	U
75-09-2	Methylene Chloride	5	U
156-60-5	trans-1,2-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
156-59-2	cis-1,2-Dichloroethene	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	5	U
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
71-43-2	Benzene	5	U
107-06-2	1,2-Dichloroethane	5	U
79-01-6	Trichloroethene	5	U
78-87-5	1,2-Dichloropropane	5	U
75-27-4	Bromodichloromethane	5	U
110-75-8	2-Chloroethyl Vinyl Ether	10	U
10061-01-5	cis-1,3-Dichloropropene	5	U
108-88-3	Toluene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
79-00-5	1,1,2-Trichloroethane	5	U
127-18-4	Tetrachloroethene	5	U
124-48-1	Dibromochloromethane	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
XYLENES1314	m+p-Xylene	5	U
1330-20-7	Xylene (Total)	5	U

0101

FORM I VOA

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCEB1

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 5136500

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: HP09355.i/07aug28b.b/yg28s04.d

Level: (low/med) LOW Date Received: 08/23/07

Moisture: not dec. _____ Date Analyzed: 08/28/07

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
95-47-6	o-Xylene	5	U
75-25-2	Bromoform	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
541-73-1	1,3-Dichlorobenzene	5	U
106-46-7	1,4-Dichlorobenzene	5	U
95-50-1	1,2-Dichlorobenzene	5	U

6192

BCEB1

Lancaster Laboratories
Quantitation Report GC/MS Volatiles

5136500

File: /chem2/HP09355.i/07aug28b.b/yg28s04.d
Sample: BCEB1;5136500;1;0;;;;
Injected At:28-AUG-2007 13:01
Calibration Time: 20-JUL-2007 09:25
Target Method: Y8260W.m
Blank Reference: yg28b01.d
Sublist: CHEVE

Sample Concentration Formula: On-Column Amount * (Vt/Vo)
Batch:Y072401AA
Analyst:NRR01826
Instrument ID:HP09355.i
Standard Reference: yg28c04.d
Prep Factor:1.00
Units: ug/L

Matrix: WATER
Level: Low
Sample Wt./Vol.: 5.0000 ml (Vo)
Volume Purged: 5.0 ml (Vt)
Bottle Code:38A

Internal Standards	RT(+/-RT)	Scan	QIon	Area(+/- %Area)	Conc(ext)	QC Flag
23) t-Butyl Alcohol-d10	2.494(0.003)	518	65	182714(-8)	250.00	
66) Fluorobenzene	4.727(0.006)	1214	96	894843(-4)	50.00	
102) Chlorobenzene-d5	7.875(0.003)	2195	117	667147(-4)	50.00	
133) 1,4-Dichlorobenzene-d4	9.788(0.000)	2791	152	378295(-13)	50.00	

= RETENTION TIME OUT OF RANGE * = INTERNAL STANDARD OUT OF RANGE NC = NOT ABLE TO CALCULATE

Surrogate Standards	I.S. Ref.	RT (+/-RRT)	QIon	Area	Conc. (on column)	%Rec.	QC flags	QC Limits
48) Dibromofluoromethane	(1)	4.063(0.000)	113	216740	50.187	100%		80 - 116
57) 1,2-Dichloroethane-d4	(1)	4.390(-0.001)	102	53728	45.029	90%		77 - 113
87) Toluene-d8	(2)	6.373(0.000)	98	878068	52.483	105%		80 - 113
115) 4-Bromofluorobenzene	(2)	8.902(0.000)	95	312815	48.628	97%		78 - 113

= RELATIVE RETENTION TIME OUT OF RANGE * = PERCENT REC.OUT OF RANGE D = DILUTED OUT NC = NOT ABLE TO CALCULATE

Target Compounds	I.S. Ref.	RT (+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit	LOQ
2) Chloromethane	(1)				ND	ND			1.00	5.00
4) Vinyl Chloride	(1)				ND	ND			1.00	5.00
5) Bromomethane	(1)				ND	ND			1.00	5.00
6) Chloroethane	(1)				ND	ND			1.00	5.00
8) Trichlorofluoromethane	(1)				ND	ND			2.00	5.00
13) 1,1-Dichloroethene	(1)				ND	ND			0.80	5.00
22) Methylene Chloride	(1)				ND	ND			2.00	5.00
26) trans-1,2-Dichloroethene	(1)				ND	ND			0.80	5.00
40) 1,2-Dichloroethene (total)	(1)				ND	ND			0.80	5.00
30) 1,1-Dichloroethane	(1)				ND	ND			1.00	5.00
37) cis-1,2-Dichloroethene	(1)				ND	ND			0.80	5.00
46) Chloroform	(1)				ND	ND			0.80	5.00
50) 1,1,1-Trichloroethane	(1)				ND	ND			0.80	5.00
55) Carbon Tetrachloride	(1)				ND	ND			1.00	5.00
59) Benzene	(1)				ND	ND			0.50	5.00
61) 1,2-Dichloroethane	(1)				ND	ND			1.00	5.00
70) Trichloroethene	(1)				ND	ND			1.00	5.00
73) 1,2-Dichloropropane	(1)				ND	ND			1.00	5.00
79) Bromodichloromethane	(1)				ND	ND			1.00	5.00
82) 2-Chloroethyl Vinyl Ether	(1)				ND	ND			2.00	10.00
83) cis-1,3-Dichloropropene	(1)				ND	ND			1.00	5.00
89) Toluene	(2)				ND	ND			0.70	5.00
91) trans-1,3-Dichloropropene	(2)				ND	ND			1.00	5.00
93) 1,1,2-Trichloroethane	(2)				ND	ND			0.80	5.00

E = CONC. OUT OF CAL. RANGE # = RELATIVE RETENTION TIME OUT OF RANGE

BCEB1

Lancaster Laboratories
Quantitation Report GC/MS Volatiles

5136500

File: /chem2/HP09355.i/07aug28b.b/yg28s04.d
Sample: BCEB1;5136500;1;0;;;;
Injected At:28-AUG-2007 13:01
Calibration Time: 20-JUL-2007 09:25
Target Method: Y8260W.m
Blank Reference: yg28b01.d
Sublist: CHEVE

Sample Concentration Formula: On-Column Amount * (Vt/Vo)
Batch:Y072401AA
Analyst:NRR01826
Instrument ID:HP09355.i
Standard Reference: yg28c04.d
Prep Factor:1.00
Units: ug/L

Matrix: WATER
Level: Low
Sample Wt./Vol.: 5.0000 ml (Vo)
Volume Purged: 5.0 ml (Vt)

Bottle Code:38A

Target Compounds	I.S. Ref.	RT	(+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit	LOQ
94) Tetrachloroethene	(2)					ND	ND			0.80	5.00
99) Dibromochloromethane	(2)					ND	ND			1.00	5.00
103) Chlorobenzene	(2)					ND	ND			0.80	5.00
105) Ethylbenzene	(2)					ND	ND			0.80	5.00
106) m+p-Xylene	(2)					ND	ND			0.80	5.00
107) Xylene (Total)	(2)					ND	ND			0.80	5.00
108) o-Xylene	(2)					ND	ND			0.80	5.00
110) Bromoform	(2)					ND	ND			1.00	5.00
118) 1,1,2,2-Tetrachloroethane	(3)					ND	ND			1.00	5.00
131) 1,3-Dichlorobenzene	(3)					ND	ND			1.00	5.00
134) 1,4-Dichlorobenzene	(3)					ND	ND			1.00	5.00
140) 1,2-Dichlorobenzene	(3)					ND	ND			1.00	5.00

E = CONC. OUT OF CAL. RANGE # = RELATIVE RETENTION TIME OUT OF RANGE

Comments:

Analyst: MSW 2009 Date: 8/31/07

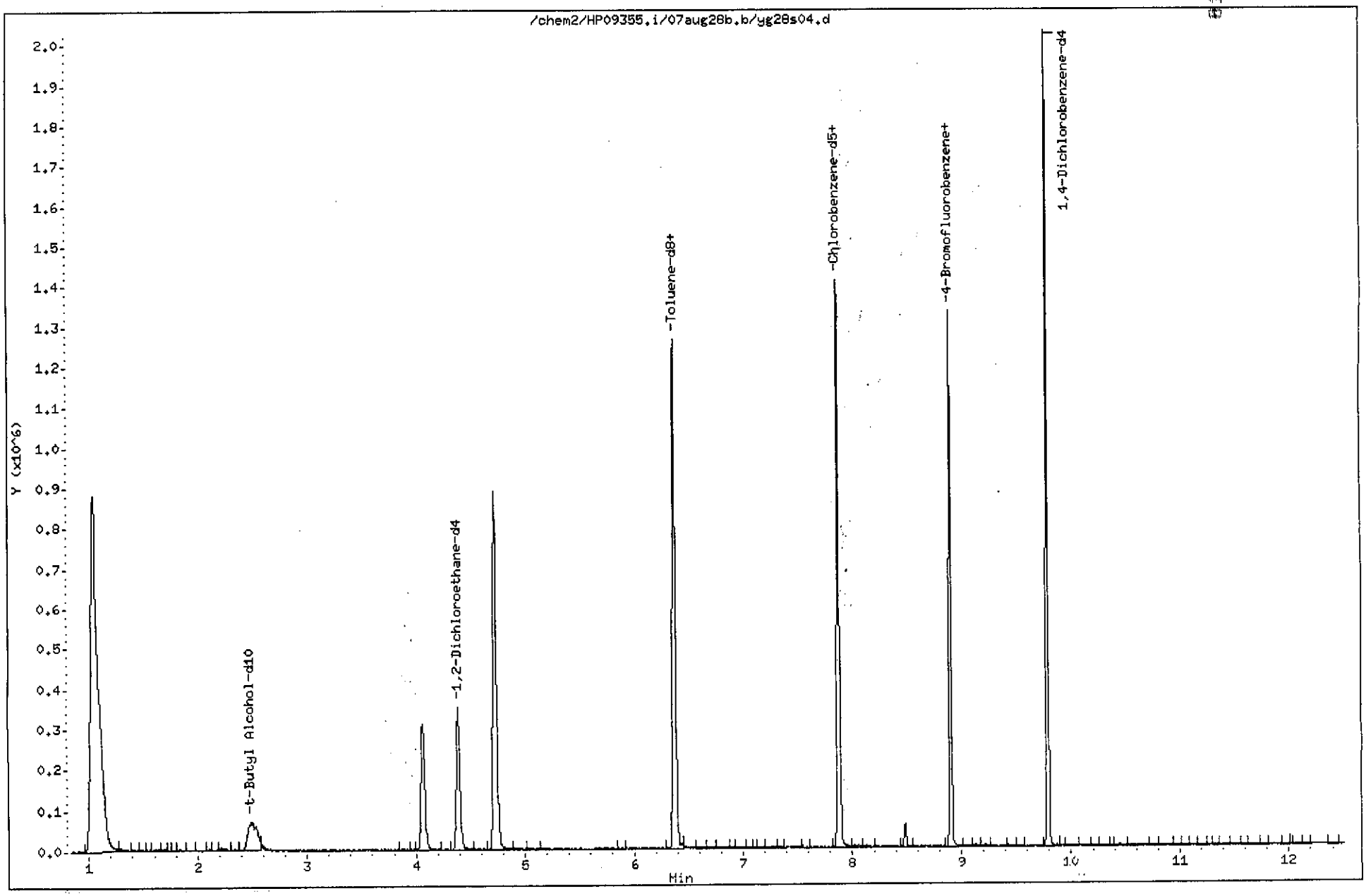
Auditor: RRM 09 Date: 9/4/07

Data File: /chem2/HP09355.i/07aug28b.b/yg28s04.d
Date : 28-AUG-2007 13:01
Client ID: BCEB1
Sample Info: BCEB1;5136500;1;0;;;;
Purge Volume: 5.0
Column phase: DB-624

Instrument: HP09355.i

Operator: NRR01826
Column diameter: 0.18

MSW 2109
8/28/07



Quant Report

Target Revision 3.5

Data File: /chem2/HP09355.i/07aug28b.b/yg28s04.d Instrument ID: HP09355.i
Injection date and time: 28-AUG-2007 13:01 Analyst ID: NRR01826

Method used: /chem2/HP09355.i/07aug28b.b/Y8260W.m Sublist used: CHEVE
Calibration date and time: 20-JUL-2007 09:25
Date, time and analyst ID of latest file update: 31-Aug-2007 16:09 msw02109

Sample Name: BCEB1 Lab Sample ID: 5136500

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
23)*t-Butyl Alcohol-d10	(4)	2.494	65	182714	250.000
66)*Fluorobenzene	(1)	4.727	96	894843	50.000
102)*Chlorobenzene-d5	(2)	7.875	117	667147	50.000
133)*1,4-Dichlorobenzene-d4	(3)	9.788	152	378295	50.000
48)$Dibromofluoromethane	(1)	4.063	113	216740	50.187
57)$1,2-Dichloroethane-d4	(1)	4.390	102	53728	45.029
87)$Toluene-d8	(2)	6.373	98	878068	52.483
115)$4-Bromofluorobenzene	(2)	8.902	95	312815	48.628

* = Compound is an internal standard.
$ = Compound is a surrogate standard.

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCTRB

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 5136501

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: HP09355.i/07aug28b.b/yg28s05.d

Level: (low/med) LOW Date Received: 08/23/07

Moisture: not dec. _____ Date Analyzed: 08/28/07

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
74-87-3	Chloromethane	5	U
75-01-4	Vinyl Chloride	5	U
74-83-9	Bromomethane	5	U
75-00-3	Chloroethane	5	U
75-69-4	Trichlorofluoromethane	5	U
75-35-4	1,1-Dichloroethene	5	U
75-09-2	Methylene Chloride	5	U
156-60-5	trans-1,2-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
156-59-2	cis-1,2-Dichloroethene	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	5	U
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
71-43-2	Benzene	5	U
107-06-2	1,2-Dichloroethane	5	U
79-01-6	Trichloroethene	5	U
78-87-5	1,2-Dichloropropane	5	U
75-27-4	Bromodichloromethane	5	U
110-75-8	2-Chloroethyl Vinyl Ether	10	U
10061-01-5	cis-1,3-Dichloropropene	5	U
108-88-3	Toluene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
79-00-5	1,1,2-Trichloroethane	5	U
127-18-4	Tetrachloroethene	5	U
124-48-1	Dibromochloromethane	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
XYLENES1314	m+p-Xylene	5	U
1330-20-7	Xylene (Total)	5	U

0187

FORM I VOA

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCTRB

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 5136501

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: HP09355.i/07aug28b.b/yg28s05.d

Level: (low/med) LOW Date Received: 08/23/07

Moisture: not dec. _____ Date Analyzed: 08/28/07

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L		Q
95-47-6	o-Xylene		5	U
75-25-2	Bromoform		5	U
79-34-5	1,1,2,2-Tetrachloroethane		5	U
541-73-1	1,3-Dichlorobenzene		5	U
106-46-7	1,4-Dichlorobenzene		5	U
95-50-1	1,2-Dichlorobenzene		5	U

0188

BCTRB

Lancaster Laboratories
Quantitation Report GC/MS Volatiles

5136501

File: /chem2/HP09355.i/07aug28b.b/yg28s05.d
Sample: BCTRB;5136501;1;0;;;;
Injected At:28-AUG-2007 13:24
Calibration Time: 20-JUL-2007 09:25
Target Method: Y8260W.m
Blank Reference: yg28b01.d
Sublist: CHEVE

Sample Concentration Formula: On-Column Amount * (Vt/Vo)
Batch:Y072401AA
Analyst:NRR01826
Instrument ID:HP09355.i
Standard Reference: yg28c04.d
Prep Factor:1.00
Units: ug/L

Matrix: WATER
Level: Low
Sample Wt./Vol.: 5.0000 ml (Vo)
Volume Purged: 5.0 ml (Vt)
Bottle Code:38A

Internal Standards	RT(+/-RT)	Scan	QIon	Area(+/- %Area)	Conc(ext)	QC Flag
23) t-Butyl Alcohol-d10	2.510(-0.013)	523	65	177012(-10)	250.00	
65) Fluorobenzene	4.730(0.003)	1215	96	896192(-4)	50.00	
102) Chlorobenzene-d5	7.878(0.000)	2196	117	680766(-2)	50.00	
133) 1,4-Dichlorobenzene-d4	9.788(0.000)	2791	152	385687(-12)	50.00	

= RETENTION TIME OUT OF RANGE * = INTERNAL STANDARD OUT OF RANGE NC = NOT ABLE TO CALCULATE

Surrogate Standards	I.S. Ref.	RT (+/-RRT)	QIon	Area	Conc. (on column)	%Rec.	QC flags	QC Limits
48) Dibromofluoromethane	(1)	4.069(-0.001)	113	218894	50.609	101%		80 - 116
57) 1,2-Dichloroethane-d4	(1)	4.387(0.001)	102	54169	45.331	91%		77 - 113
87) Toluene-d8	(2)	6.376(0.000)	98	887601	51.991	104%		80 - 113
115) 4-Bromofluorobenzene	(2)	8.902(0.000)	95	312222	47.565	95%		78 - 113

= RELATIVE RETENTION TIME OUT OF RANGE * = PERCENT REC.OUT OF RANGE D = DILUTED OUT NC = NOT ABLE TO CALCULATE

Target Compounds	I.S. Ref.	RT (+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit	LOQ
2) Chloromethane	(1)				ND	ND			1.00	5.00
4) Vinyl Chloride	(1)				ND	ND			1.00	5.00
5) Bromomethane	(1)				ND	ND			1.00	5.00
6) Chloroethane	(1)				ND	ND			1.00	5.00
8) Trichlorofluoromethane	(1)				ND	ND			2.00	5.00
13) 1,1-Dichloroethene	(1)				ND	ND			0.80	5.00
22) Methylene Chloride	(1)				ND	ND			2.00	5.00
26) trans-1,2-Dichloroethene	(1)				ND	ND			0.80	5.00
40) 1,2-Dichloroethene (total)	(1)				ND	ND			0.80	5.00
30) 1,1-Dichloroethane	(1)				ND	ND			1.00	5.00
37) cis-1,2-Dichloroethene	(1)				ND	ND			0.80	5.00
46) Chloroform	(1)				ND	ND			0.80	5.00
50) 1,1,1-Trichloroethane	(1)				ND	ND			0.80	5.00
55) Carbon Tetrachloride	(1)				ND	ND			1.00	5.00
59) Benzene	(1)				ND	ND			0.50	5.00
61) 1,2-Dichloroethane	(1)				ND	ND			1.00	5.00
70) Trichloroethene	(1)				ND	ND			1.00	5.00
73) 1,2-Dichloropropane	(1)				ND	ND			1.00	5.00
79) Bromodichloromethane	(1)				ND	ND			1.00	5.00
82) 2-Chloroethyl Vinyl Ether	(1)				ND	ND			2.00	10.00
83) cis-1,3-Dichloropropene	(1)				ND	ND			1.00	5.00
89) Toluene	(2)				ND	ND			0.70	5.00
91) trans-1,3-Dichloropropene	(2)				ND	ND			1.00	5.00
93) 1,1,2-Trichloroethane	(2)				ND	ND			0.80	5.00

E = CONC. OUT OF CAL. RANGE # = RELATIVE RETENTION TIME OUT OF RANGE

BCTRB

Lancaster Laboratories
Quantitation Report GC/MS Volatiles 5136501

File: /chem2/HP09355.i/07aug28b.b/yg28s05.d
Sample: BCTRB;5136501;1;0;;;;
Injected At:28-AUG-2007 13:24
Calibration Time: 20-JUL-2007 09:25
Target Method: Y8260W.m
Blank Reference: yg28b01.d
Sublist: CHEVE

Sample Concentration Formula: On-Column Amount * (Vt/Vo)
Batch:Y072401AA
Analyst:NRR01826
Instrument ID:HP09355.i
Standard Reference: yg28c04.d
Prep Factor:1.00
Units: ug/L

Matrix: WATER
Level: Low
Sample Wt./Vol.: 5.0000 ml (Vo)
Volume Purged: 5.0 ml (Vt)

Bottle Code:38A

Target Compounds	I.S. Ref.	RT	(+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit	LOQ
94) Tetrachloroethene	(2)					ND	ND			0.80	5.00
99) Dibromochloromethane	(2)					ND	ND			1.00	5.00
103) Chlorobenzene	(2)					ND	ND			0.80	5.00
105) Ethylbenzene	(2)					ND	ND			0.80	5.00
106) m+p-Xylene	(2)					ND	ND			0.80	5.00
107) Xylene (Total)	(2)					ND	ND			0.80	5.00
108) o-Xylene	(2)					ND	ND			0.80	5.00
110) Bromoform	(2)					ND	ND			1.00	5.00
118) 1,1,2,2-Tetrachloroethane	(3)					ND	ND			1.00	5.00
131) 1,3-Dichlorobenzene	(3)					ND	ND			1.00	5.00
134) 1,4-Dichlorobenzene	(3)					ND	ND			1.00	5.00
140) 1,2-Dichlorobenzene	(3)					ND	ND			1.00	5.00

E = CONC. OUT OF CAL. RANGE # = RELATIVE RETENTION TIME OUT OF RANGE

Comments: _____

Analyst: MSW 2009 Date: 9/3/07

Auditor: RRM 2nd Date: 9/4/07

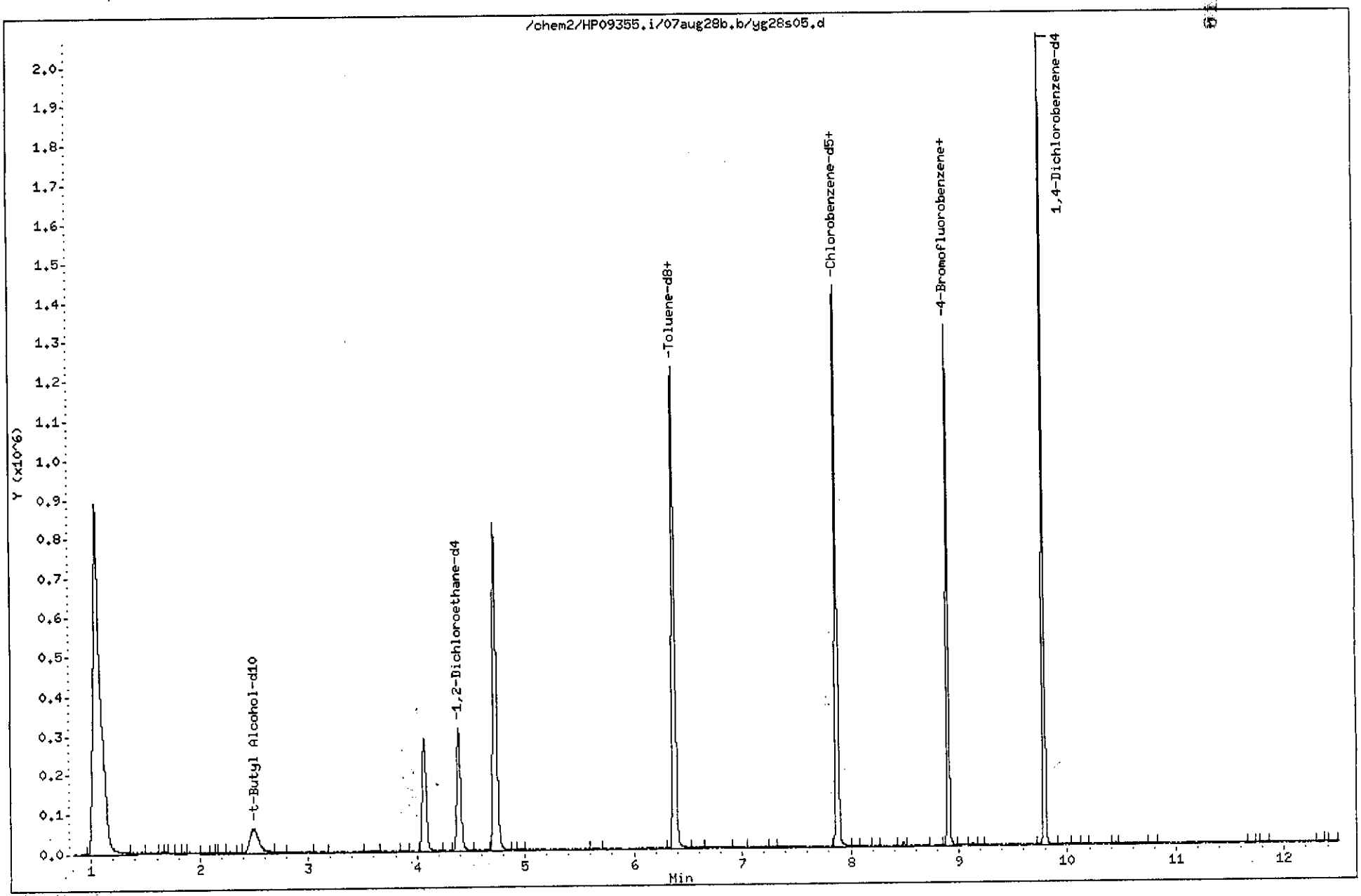
0110

Data File: /chem2/HP09355.i/07aug28b.b/yg28s05.d
Date : 28-AUG-2007 13:24
Client ID: BCTRB
Sample Info: BCTRB;5136501;1;0;;;;
Purge Volume: 5.0
Column phase: DB-624

Instrument: HP09355.i
Operator: NRR01826
Column diameter: 0.18

MJW 21DEC07 8/28/07

/chem2/HP09355.i/07aug28b.b/yg28s05.d



Quant Report

Target Revision 3.5

Data File: /chem2/HP09355.i/07aug28b.b/yg28s05.d Instrument ID: HP09355.i
Injection date and time: 28-AUG-2007 13:24 Analyst ID: NRR01826

Method used: /chem2/HP09355.i/07aug28b.b/Y8260W.m Sublist used: CHEVE
Calibration date and time: 20-JUL-2007 09:25
Date, time and analyst ID of latest file update: 31-Aug-2007 16:09 msw02109

Sample Name: BCTRB Lab Sample ID: 5136501

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
23)*t-Butyl Alcohol-d10	(4)	2.510	65	177012	250.000
66)*Fluorobenzene	(1)	4.730	96	896192	50.000
102)*Chlorobenzene-d5	(2)	7.878	117	680766	50.000
133)*1,4-Dichlorobenzene-d4	(3)	9.788	152	385687	50.000
48)$Dibromofluoromethane	(1)	4.069	113	218894	50.609
57)$1,2-Dichloroethane-d4	(1)	4.387	102	54169	45.331
87)$Toluene-d8	(2)	6.376	98	887601	51.991
115)$4-Bromofluorobenzene	(2)	8.902	95	312222	47.565

* = Compound is an internal standard.
$ = Compound is a surrogate standard.

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

DC--2

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 5136502

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: HP09355.i/07aug28b.b/yg28s06.d

Level: (low/med) LOW Date Received: 08/23/07

Moisture: not dec. _____ Date Analyzed: 08/28/07

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
74-87-3	Chloromethane	5	U
75-01-4	Vinyl Chloride	5	U
74-83-9	Bromomethane	5	U
75-00-3	Chloroethane	5	U
75-69-4	Trichlorofluoromethane	5	U
75-35-4	1,1-Dichloroethene	5	U
75-09-2	Methylene Chloride	5	U
156-60-5	trans-1,2-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
156-59-2	cis-1,2-Dichloroethene	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	5	U
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
71-43-2	Benzene	5	U
107-06-2	1,2-Dichloroethane	5	U
79-01-6	Trichloroethene	5	U
78-87-5	1,2-Dichloropropane	5	U
75-27-4	Bromodichloromethane	5	U
110-75-8	2-Chloroethyl Vinyl Ether	10	U
10061-01-5	cis-1,3-Dichloropropene	5	U
108-88-3	Toluene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
79-00-5	1,1,2-Trichloroethane	5	U
127-18-4	Tetrachloroethene	5	U
124-48-1	Dibromochloromethane	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
XYLENES1314	m+p-Xylene	5	U
1330-20-7	Xylene (Total)	5	U

0113

FORM I VOA

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

DC--2

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 5136502

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: HP09355.i/07aug28b.b/yg28s06.d

Level: (low/med) LOW Date Received: 08/23/07

Moisture: not dec. _____ Date Analyzed: 08/28/07

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
95-47-6	o-Xylene	5	U
75-25-2	Bromoform	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
541-73-1	1,3-Dichlorobenzene	5	U
106-46-7	1,4-Dichlorobenzene	5	U
95-50-1	1,2-Dichlorobenzene	5	U

0114

DC--2

Lancaster Laboratories
Quantitation Report GC/MS Volatiles

5136502

File: /chem2/HP09355.i/07aug28b.b/yg28s06.d
Sample: DC--2;5136502;1;0;;;;
Injected At:28-AUG-2007 13:47
Calibration Time: 20-JUL-2007 09:25
Target Method: Y8260W.m
Blank Reference: yg28b01.d
Sublist: CHEVE

Sample Concentration Formula: On-Column Amount * (Vt/Vo)
Batch:Y072401AA
Analyst:NRR01826
Instrument ID:HP09355.i
Standard Reference: yg28c04.d
Prep Factor:1.00
Units: ug/L

Matrix: WATER
Level: Low
Sample Wt./Vol.: 5.0000 ml (Vo)
Volume Purged: 5.0 ml (Vt)
Bottle Code:38A

Internal Standards	RT(+/-RT)	Scan	QIon	Area(+/- %Area)	Conc(ext)	QC Flag
23) t-Butyl Alcohol-d10	2.507(-0.010)	522	65	182763(-8)	250.00	
66) Fluorobenzene	4.730(0.003)	1215	96	847937(-9)	50.00	
102) Chlorobenzene-d5	7.878(0.000)	2196	117	641730(-8)	50.00	
133) 1,4-Dichlorobenzene-d4	9.788(0.000)	2791	152	368082(-16)	50.00	

= RETENTION TIME OUT OF RANGE * = INTERNAL STANDARD OUT OF RANGE NC = NOT ABLE TO CALCULATE

Surrogate Standards	I.S. Ref.	RT (+/-RRT)	QIon	Area	Conc. (on column)	%Rec.	QC flags	QC Limits
48) Dibromofluoromethane	(1)	4.066(0.000)	113	211344	51.644	103%		80 - 116
57) 1,2-Dichloroethane-d4	(1)	4.387(0.001)	102	54900	48.557	97%		77 - 113
87) Toluene-d8	(2)	6.377(0.000)	98	827982	51.449	103%		80 - 113
115) 4-Bromofluorobenzene	(2)	8.902(0.000)	95	299407	48.387	97%		78 - 113

= RELATIVE RETENTION TIME OUT OF RANGE * = PERCENT REC.OUT OF RANGE D = DILUTED OUT NC = NOT ABLE TO CALCULATE

Target Compounds	I.S. Ref.	RT (+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit	LOQ
2) Chloromethane	(1)				ND	ND			1.00	5.00
4) Vinyl Chloride	(1)				ND	ND			1.00	5.00
5) Bromomethane	(1)				ND	ND			1.00	5.00
6) Chloroethane	(1)				ND	ND			1.00	5.00
8) Trichlorofluoromethane	(1)				ND	ND			2.00	5.00
13) 1,1-Dichloroethene	(1)				ND	ND			0.80	5.00
22) Methylene Chloride	(1)				ND	ND			2.00	5.00
26) trans-1,2-Dichloroethene	(1)				ND	ND			0.80	5.00
40) 1,2-Dichloroethene (total)	(1)				ND	ND			0.80	5.00
30) 1,1-Dichloroethane	(1)				ND	ND			1.00	5.00
37) cis-1,2-Dichloroethene	(1)				ND	ND			0.80	5.00
46) Chloroform	(1)				ND	ND			0.80	5.00
50) 1,1,1-Trichloroethane	(1)				ND	ND			0.80	5.00
55) Carbon Tetrachloride	(1)				ND	ND			1.00	5.00
59) Benzene	(1)				ND	ND			0.50	5.00
61) 1,2-Dichloroethane	(1)				ND	ND			1.00	5.00
70) Trichloroethene	(1)				ND	ND			1.00	5.00
73) 1,2-Dichloropropane	(1)				ND	ND			1.00	5.00
79) Bromodichloromethane	(1)				ND	ND			1.00	5.00
82) 2-Chloroethyl Vinyl Ether	(1)				ND	ND			2.00	10.00
83) cis-1,3-Dichloropropene	(1)				ND	ND			1.00	5.00
89) Toluene	(2)				ND	ND			0.70	5.00
91) trans-1,3-Dichloropropene	(2)				ND	ND			1.00	5.00
93) 1,1,2-Trichloroethane	(2)				ND	ND			0.80	5.00

E = CONC. OUT OF CAL. RANGE # = RELATIVE RETENTION TIME OUT OF RANGE

DC--2

Lancaster Laboratories
Quantitation Report GC/MS Volatiles

5136502

File: /chem2/HP09355.i/07aug28b.b/yg28s06.d
Sample: DC--2;5136502;1;0;;;;
Injected At:28-AUG-2007 13:47
Calibration Time: 20-JUL-2007 09:25
Target Method: Y8260W.m
Blank Reference: yg28b01.d
Sublist: CHEVE

Sample Concentration Formula: On-Column Amount * (Vt/Vo)
Batch:Y072401AA
Analyst:NRR01826
Instrument ID:HP09355.1
Standard Reference: yg28c04.d
Prep Factor:1.00
Units: ug/L

Matrix: WATER
Level: Low
Sample Wt./Vol.: 5.0000 ml (Vo)
Volume Purged: 5.0 ml (Vt)
Bottle Code:38A

Target Compounds	I.S. Ref.	RT	(+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit	LOQ
94) Tetrachloroethene	(2)					ND	ND			0.80	5.00
99) Dibromochloromethane	(2)					ND	ND			1.00	5.00
103) Chlorobenzene	(2)					ND	ND			0.80	5.00
105) Ethylbenzene	(2)					ND	ND			0.80	5.00
106) m+p-Xylene	(2)					ND	ND			0.80	5.00
107) Xylene (Total)	(2)					ND	ND			0.80	5.00
108) o-Xylene	(2)					ND	ND			0.80	5.00
110) Bromoform	(2)					ND	ND			1.00	5.00
118) 1,1,2,2-Tetrachloroethane	(3)					ND	ND			1.00	5.00
131) 1,3-Dichlorobenzene	(3)					ND	ND			1.00	5.00
134) 1,4-Dichlorobenzene	(3)					ND	ND			1.00	5.00
140) 1,2-Dichlorobenzene	(3)					ND	ND			1.00	5.00

E = CONC. OUT OF CAL. RANGE # = RELATIVE RETENTION TIME OUT OF RANGE

Comments: _____

Analyst: MV 2007 Date: 5/31/07

Auditor: RRM 2nd Date: 9/4/07

0115

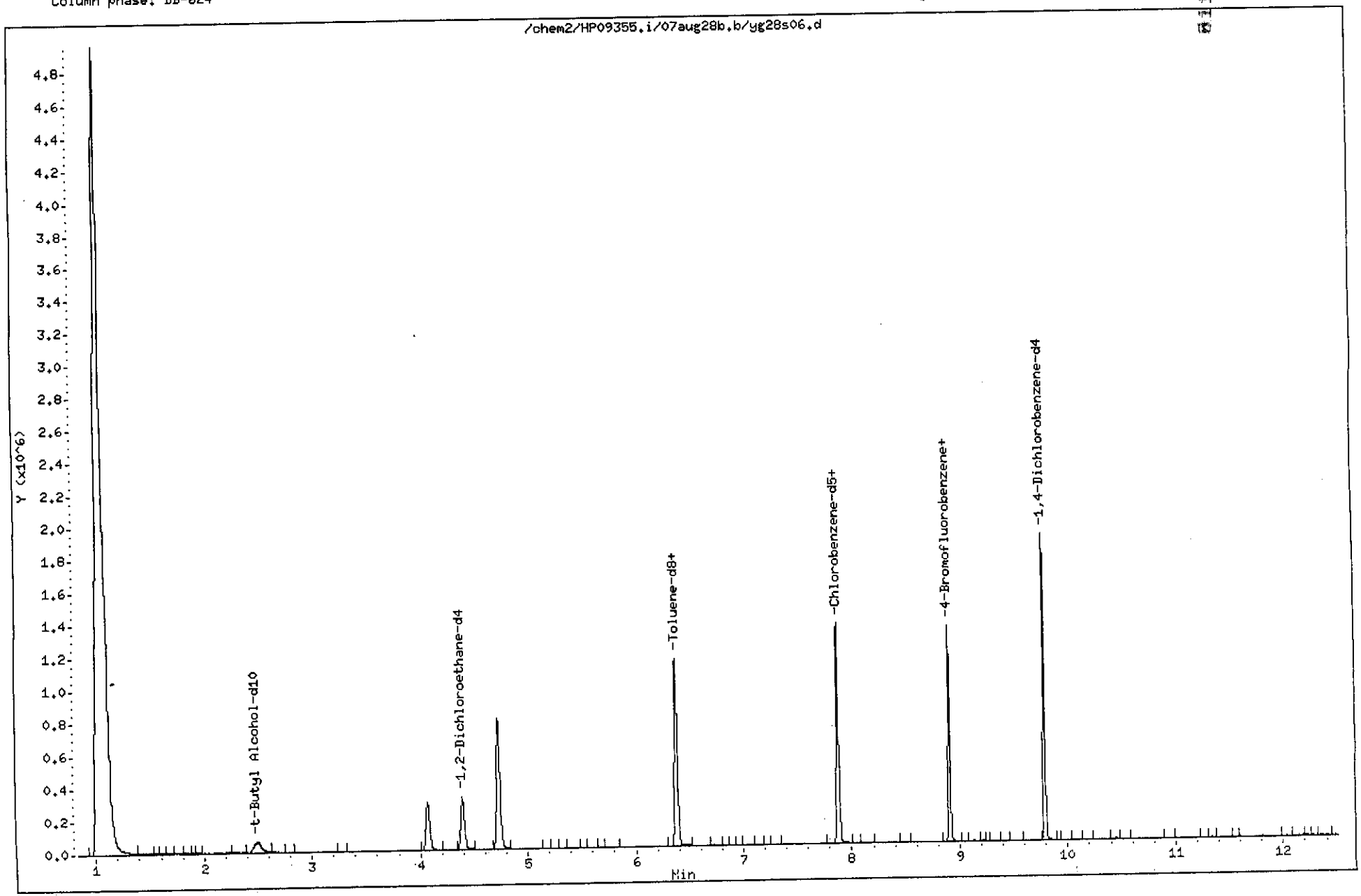
Data File: /chem2/HP09355.i/07aug28b.b/yg28s06.d
Date : 28-AUG-2007 13:47
Client ID: DC--2
Sample Info: DC--2;5136502;1;0;;;;
Purge Volume: 5.0
Column phase: DB-624

Instrument: HP09355.i

Operator: NRR01826
Column diameter: 0.18

MW 2107
8/28/07

/chem2/HP09355.i/07aug28b.b/yg28s06.d



Quant Report

Target Revision 3.5

Data File: /chem2/HP09355.i/07aug28b.b/yg28s06.d Instrument ID: HP09355.i
Injection date and time: 28-AUG-2007 13:47 Analyst ID: NRR01826

Method used: /chem2/HP09355.i/07aug28b.b/Y8260W.m Sublist used: CHEVE
Calibration date and time: 20-JUL-2007 09:25
Date, time and analyst ID of latest file update: 31-Aug-2007 16:09 msw02109

Sample Name: DC--2 Lab Sample ID: 5136502

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
23)*t-Butyl Alcohol-d10	(4)	2.507	65	182763	250.000
66)*Fluorobenzene	(1)	4.730	96	847937	50.000
102)*Chlorobenzene-d5	(2)	7.878	117	641730	50.000
133)*1,4-Dichlorobenzene-d4	(3)	9.788	152	368082	50.000
48)$Dibromofluoromethane	(1)	4.066	113	211344	51.644
57)$1,2-Dichloroethane-d4	(1)	4.387	102	54900	48.557
87)$Toluene-d8	(2)	6.377	98	827982	51.449
115)$4-Bromofluorobenzene	(2)	8.902	95	299407	48.387

* = Compound is an internal standard.
$ = Compound is a surrogate standard.

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

DB-8A

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 5136503

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: HP09355.i/07aug28b.b/yg28s07.d

Level: (low/med) LOW Date Received: 08/23/07

Moisture: not dec. _____ Date Analyzed: 08/28/07

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
74-87-3	Chloromethane	5	U
75-01-4	Vinyl Chloride	5	U
74-83-9	Bromomethane	5	U
75-00-3	Chloroethane	5	U
75-69-4	Trichlorofluoromethane	5	U
75-35-4	1,1-Dichloroethene	5	U
75-09-2	Methylene Chloride	5	U
156-60-5	trans-1,2-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
156-59-2	cis-1,2-Dichloroethene	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	1	J
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
71-43-2	Benzene	5	U
107-06-2	1,2-Dichloroethane	5	U
79-01-6	Trichloroethene	13	
78-87-5	1,2-Dichloropropane	5	U
75-27-4	Bromodichloromethane	5	U
110-75-8	2-Chloroethyl Vinyl Ether	10	U
10061-01-5	cis-1,3-Dichloropropene	5	U
108-88-3	Toluene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
79-00-5	1,1,2-Trichloroethane	5	U
127-18-4	Tetrachloroethene	5	U
124-48-1	Dibromochloromethane	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
XYLENES1314	m+p-Xylene	5	U
1330-20-7	Xylene (Total)	5	U

6119

FORM I VOA

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

DB-8A

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 5136503

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: HP09355.i/07aug28b.b/yg28s07.d

Level: (low/med) LOW Date Received: 08/23/07

Moisture: not dec. _____ Date Analyzed: 08/28/07

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
95-47-6	o-Xylene	5	U
75-25-2	Bromoform	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
541-73-1	1,3-Dichlorobenzene	5	U
106-46-7	1,4-Dichlorobenzene	5	U
95-50-1	1,2-Dichlorobenzene	5	U

6128

DC-8A

Lancaster Laboratories
Quantitation Report GC/MS Volatiles

5136503

File: /chem2/HP09355.i/07aug28b.b/yg28s07.d
Sample: DC-8A;5136503;1;0;;;;
Injected At:28-AUG-2007 14:10
Calibration Time: 20-JUL-2007 09:25
Target Method: Y8260W.m
Blank Reference: yg28b01.d
Sublist: CHEVE

Sample Concentration Formula: On-Column Amount * (Vt/Vo)
Batch:Y072401AA
Analyst:NRR01826
Instrument ID:HP09355.i
Standard Reference: yg28c04.d
Prep Factor:1.00
Units: ug/L

Matrix: WATER
Level: Low
Sample Wt./Vol.: 5.0000 ml (Vo)
Volume Purged: 5.0 ml (Vt)
Bottle Code:38A

Internal Standards	RT(+/-RT)	Scan	QIon	Area(+/- %Area)	Conc(ext)	QC Flag
23) t-Butyl Alcohol-d10	2.500(-0.003)	520	65	194327(-2)	250.00	
66) Fluorobenzene	4.734(0.000)	1216	96	886338(-5)	50.00	
102) Chlorobenzene-d5	7.878(0.000)	2196	117	665412(-5)	50.00	
133) 1,4-Dichlorobenzene-d4	9.788(0.000)	2791	152	385264(-12)	50.00	

= RETENTION TIME OUT OF RANGE * = INTERNAL STANDARD OUT OF RANGE NC = NOT ABLE TO CALCULATE

Surrogate Standards	I.S. Ref.	RT (+/-RRT)	QIon	Area	Conc. (on column)	%Rec.	QC flags	QC Limits
48) Dibromofluoromethane	(1)	4.073(-0.001)	113	221330	51.741	103%		80 - 116
57) 1,2-Dichloroethane-d4	(1)	4.397(-0.001)	102	53856	45.570	91%		77 - 113
87) Toluene-d8	(2)	6.373(0.000)	98	869414	52.101	104%		80 - 113
115) 4-Bromofluorobenzene	(2)	8.902(0.000)	95	313981	48.937	98%		78 - 113

= RELATIVE RETENTION TIME OUT OF RANGE * = PERCENT REC.OUT OF RANGE D = DILUTED OUT NC = NOT ABLE TO CALCULATE

Target Compounds	I.S. Ref.	RT (+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit	LOQ
2) Chloromethane	(1)				ND	ND			1.00	5.00
4) Vinyl Chloride	(1)				ND	ND			1.00	5.00
5) Bromomethane	(1)				ND	ND			1.00	5.00
6) Chloroethane	(1)				ND	ND			1.00	5.00
8) Trichlorofluoromethane	(1)				ND	ND			2.00	5.00
13) 1,1-Dichloroethene	(1)				ND	ND			0.80	5.00
22) Methylene Chloride	(1)				ND	ND			2.00	5.00
26) trans-1,2-Dichloroethene	(1)				ND	ND			0.80	5.00
40) 1,2-Dichloroethene (total)	(1)				ND	ND			0.80	5.00
30) 1,1-Dichloroethane	(1)				ND	ND			1.00	5.00
37) cis-1,2-Dichloroethene	(1)				ND	ND			0.80	5.00
46) Chloroform	(1)	3.922(-0.001)	83	9784	1.276	1.28		J	0.80	5.00
50) 1,1,1-Trichloroethane	(1)				ND	ND			0.80	5.00
55) Carbon Tetrachloride	(1)				ND	ND			1.00	5.00
53) Benzene	(1)				ND	ND			0.50	5.00
61) 1,2-Dichloroethane	(1)				ND	ND			1.00	5.00
70) Trichloroethene	(1)	5.103(-0.001)	95	60929	13.455	13.45			1.00	5.00
73) 1,2-Dichloropropane	(1)				ND	ND			1.00	5.00
79) Bromodichloromethane	(1)				ND	ND			1.00	5.00
82) 2-Chloroethyl Vinyl Ether	(1)				ND	ND			2.00	10.00
83) cis-1,3-Dichloropropene	(1)				ND	ND			1.00	5.00
89) Toluene	(2)				ND	ND			0.70	5.00
91) trans-1,3-Dichloropropene	(2)				ND	ND			1.00	5.00
93) 1,1,2-Trichloroethane	(2)				ND	ND			0.80	5.00

E = CONC. OUT OF CAL. RANGE # = RELATIVE RETENTION TIME OUT OF RANGE

8121

DC-8A

Lancaster Laboratories
Quantitation Report GC/MS Volatiles

5136503

File: /chem2/HP09355.i/07aug28b.b/yg28s07.d
Sample: DC-8A;5136503;1;0;;;;
Injected At:28-AUG-2007 14:10
Calibration Time: 20-JUL-2007 09:25
Target Method: Y8260W.m
Blank Reference: yg28b01.d
Sublist: CHEVE

Sample Concentration Formula: On-Column Amount * (Vt/Vo)
Batch:Y072401AA
Analyst:NRR01826
Instrument ID:HP09355.i
Standard Reference: yg28c04.d
Prep Factor:1.00
Units: ug/L

Matrix: WATER
Level: Low
Sample Wt./Vol.: 5.0000 ml (Vo)
Volume Purged: 5.0 ml (Vt)
Bottle Code:38A

Target Compounds	I.S. Ref.	RT	(+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit	LOQ
94) Tetrachloroethene	(2)					ND	ND			0.80	5.00
99) Dibromochloromethane	(2)					ND	ND			1.00	5.00
103) Chlorobenzene	(2)					ND	ND			0.80	5.00
105) Ethylbenzene	(2)					ND	ND			0.80	5.00
106) m+p-Xylene	(2)					ND	ND			0.80	5.00
107) Xylene (Total)	(2)					ND	ND			0.80	5.00
108) o-Xylene	(2)					ND	ND			0.80	5.00
110) Bromoform	(2)					ND	ND			1.00	5.00
118) 1,1,2,2-Tetrachloroethane	(3)					ND	ND			1.00	5.00
131) 1,3-Dichlorobenzene	(3)					ND	ND			1.00	5.00
134) 1,4-Dichlorobenzene	(3)					ND	ND			1.00	5.00
140) 1,2-Dichlorobenzene	(3)					ND	ND			1.00	5.00

E = CONC. OUT OF CAL. RANGE # = RELATIVE RETENTION TIME OUT OF RANGE

Comments:

Analyst: MSW 2609 Date: 8/31/07

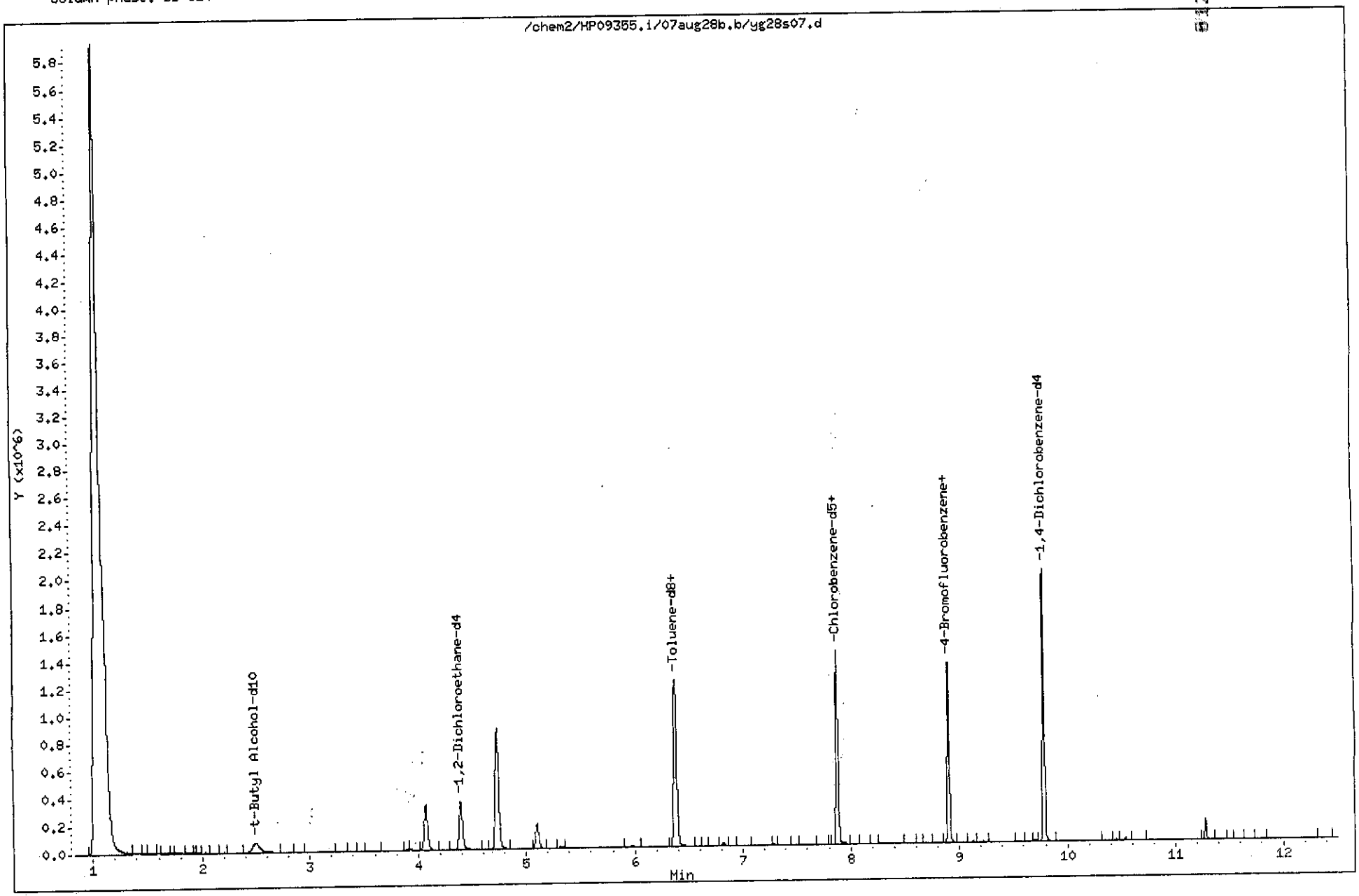
Auditor: RMM 2609 Date: 9/4/07

Data File: /chem2/HP09355.i/07aug28b.b/yg28s07.d
Date : 28-AUG-2007 14:10
Client ID: DC-BA
Sample Info: DC-BA;5136503;1;0;;;;
Purge Volume: 5.0
Column phase: DB-624

Instrument: HP09355.i
Operator: NRR01826
Column diameter: 0.18

8123

/chem2/HP09355.i/07aug28b.b/yg28s07.d



Quant Report

Target Revision 3.5

Data File: /chem2/HP09355.i/07aug28b.b/yg28s07.d Instrument ID: HP09355.i
Injection date and time: 28-AUG-2007 14:10 Analyst ID: NRR01826

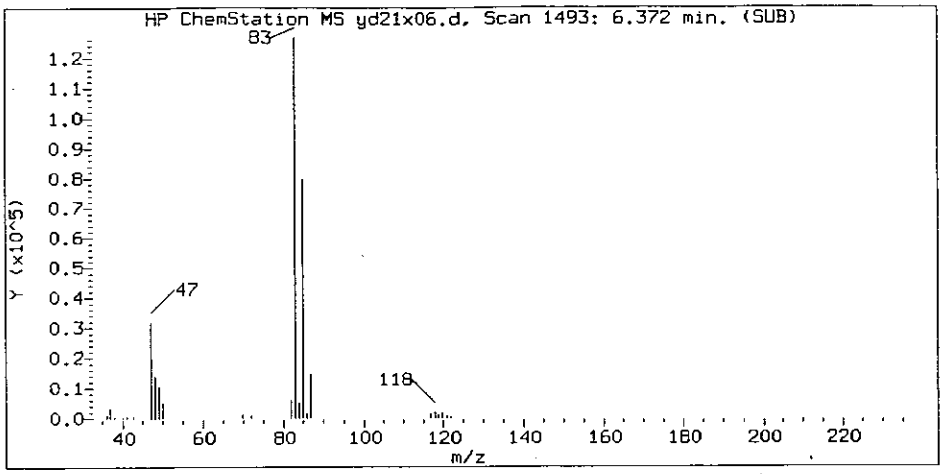
Method used: /chem2/HP09355.i/07aug28b.b/Y8260W.m Sublist used: CHEVE
Calibration date and time: 20-JUL-2007 09:25
Date, time and analyst ID of latest file update: 31-Aug-2007 16:10 msw02109

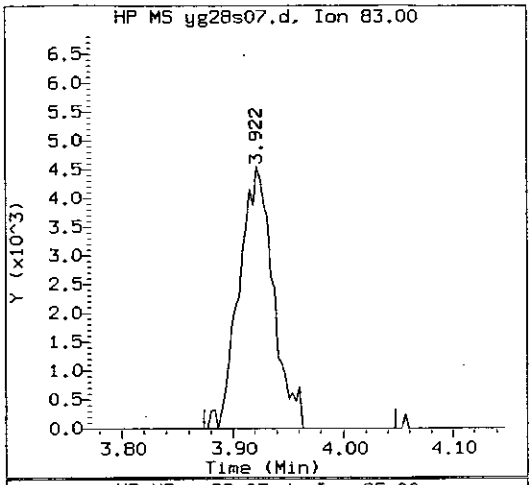
Sample Name: DC-8A Lab Sample ID: 5136503

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
23)*t-Butyl Alcohol-d10	(4)	2.500	65	194327	250.000
46) Chloroform	(1)	3.922	83	9784	1.276
66)*Fluorobenzene	(1)	4.734	96	886338	50.000
70) Trichloroethene	(1)	5.103	95	60929	13.455
102)*Chlorobenzene-d5	(2)	7.878	117	665412	50.000
133)*1,4-Dichlorobenzene-d4	(3)	9.788	152	385264	50.000
48)$Dibromofluoromethane	(1)	4.073	113	221330	51.741
57)$1,2-Dichloroethane-d4	(1)	4.397	102	53856	45.570
87)$Toluene-d8	(2)	6.373	98	869414	52.101
115)$4-Bromofluorobenzene	(2)	8.902	95	313981	48.937

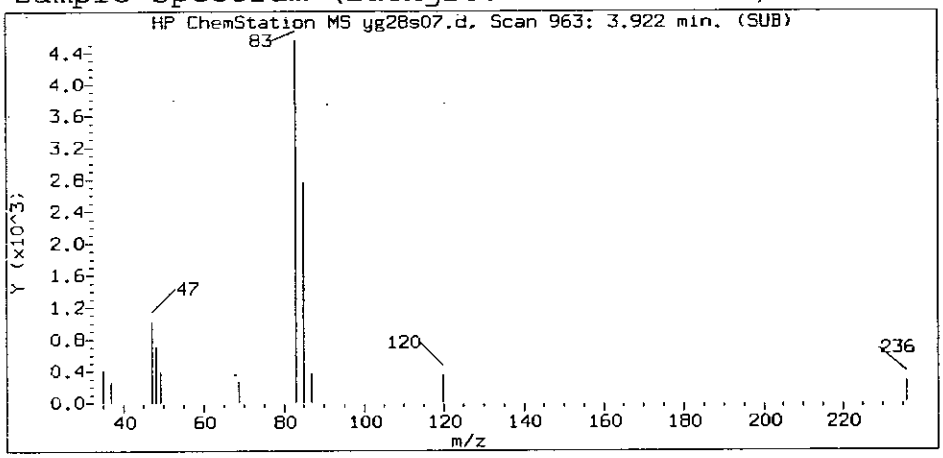
* = Compound is an internal standard.
$ = Compound is a surrogate standard.

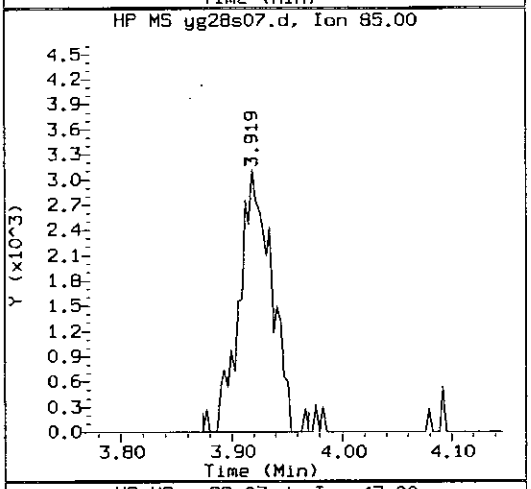
Reference Standard Spectrum for Chloroform



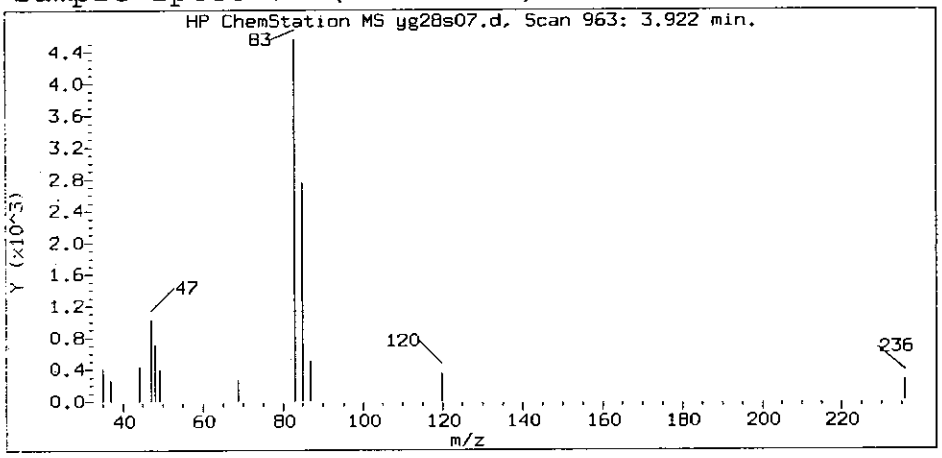


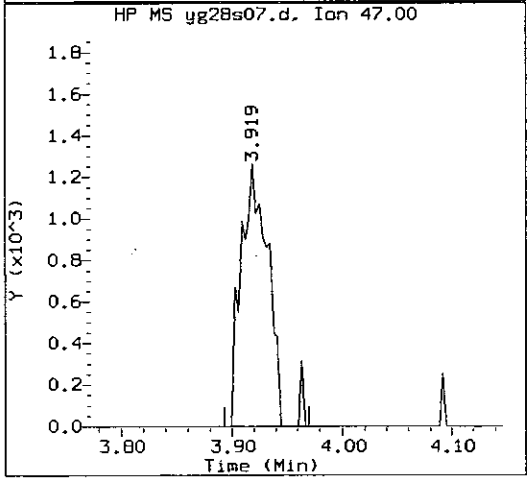
Sample Spectrum (Background Subtracted)





Sample Spectrum (Unaltered)





Data File: /chem2/HP09355.i/07aug28b.b/yg28s07.d Instrument ID: HP09355.i
Injection date and time: 28-AUG-2007 14:10 Analyst ID: NRR01826

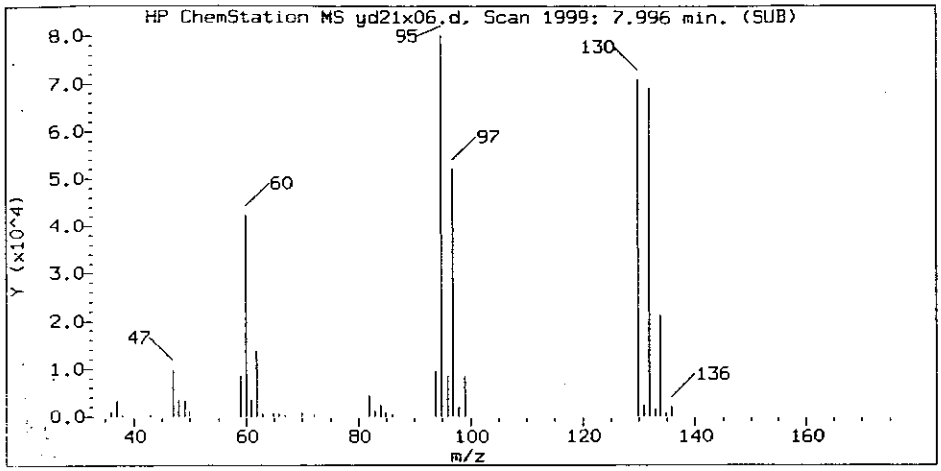
Method used: /chem2/HP09355.i/07aug28b.b/Y8260W.m Sublist used: CHEVE
Calibration date and time: 28-AUG-2007 15:31
Date, time and analyst ID of latest file update: 28-Aug-2007 15:33 msw02109

Sample Name: DC-8A Lab Sample ID: 5136503

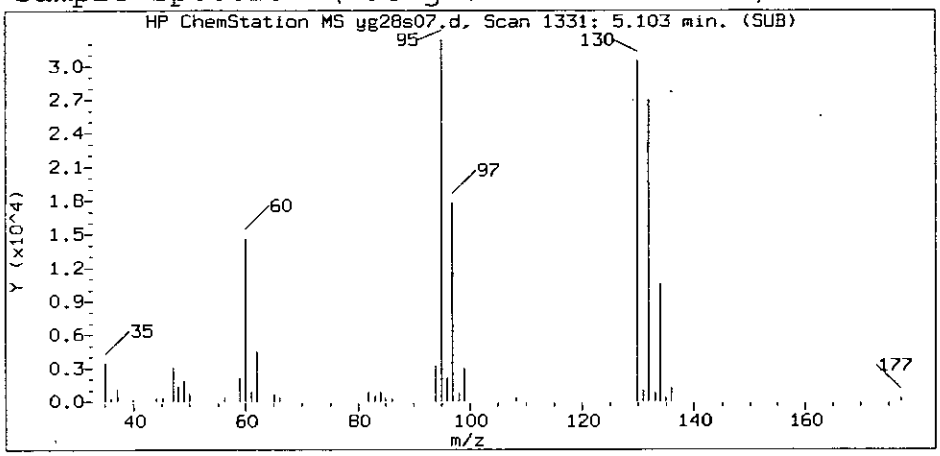
Compound Number	: 46
Compound Name	: Chloroform
Scan Number	: 963
Retention Time (minutes)	: 3.922
Quant Ion	: 83.0
Area (flag)	: 9784
Concentration (ug/L)	: 1.2759

6125

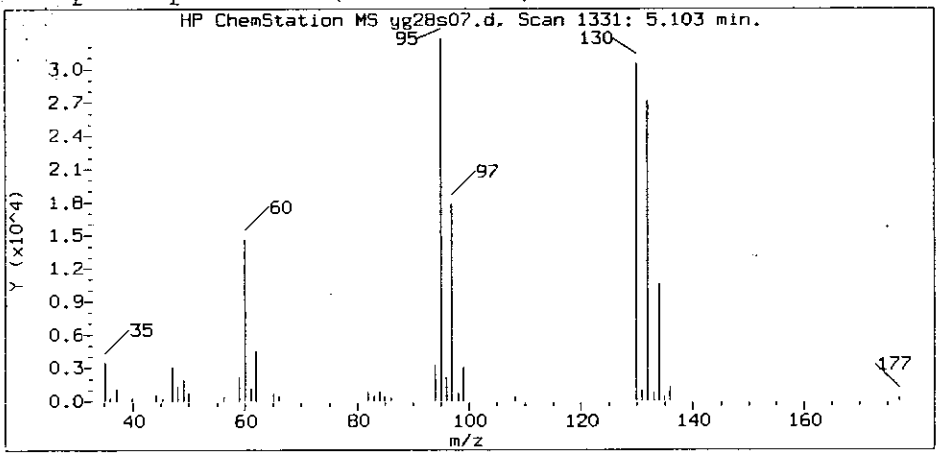
Reference Standard Spectrum for Trichloroethene

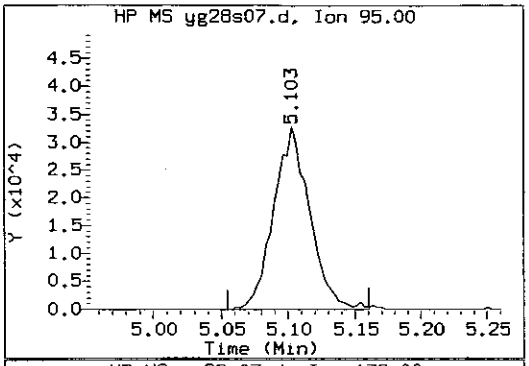


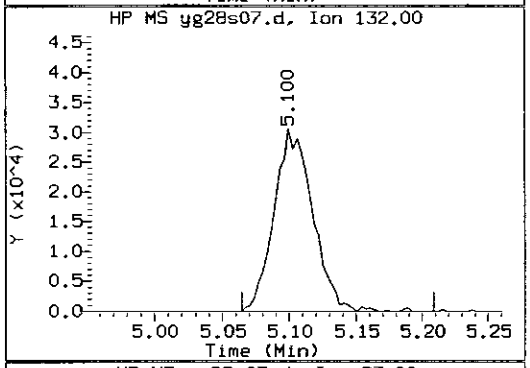
Sample Spectrum (Background Subtracted)

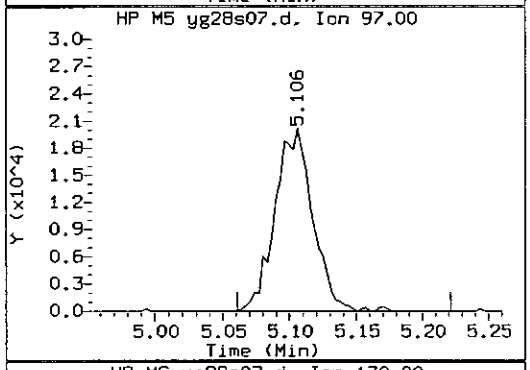


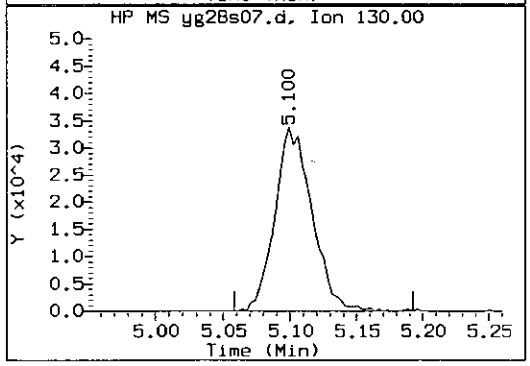
Sample Spectrum (Unaltered)











Data File: /chem2/HP09355.i/07aug28b.b/yg28s07.d Instrument ID: HP09355.i
Injection date and time: 28-AUG-2007 14:10 Analyst ID: NRR01826

Method used: /chem2/HP09355.i/07aug28b.b/Y8260W.m Sublist used: CHEVE
Calibration date and time: 28-AUG-2007 15:31
Date, time and analyst ID of latest file update: 28-Aug-2007 15:33 msw02109

Sample Name: DC-8A Lab Sample ID: 5136503

Compound Number	:	70
Compound Name	:	Trichloroethene
Scan Number	:	1331
Retention Time (minutes)	:	5.103
Quant Ion	:	95.0
Area (flag)	:	60929
Concentration (ug/L)	:	13.4548

6126

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

OS--1

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 5136504

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: HP09355.i/07aug28b.b/yg28s08.d

Level: (low/med) LOW Date Received: 08/23/07

Moisture: not dec. _____ Date Analyzed: 08/28/07

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
74-87-3	Chloromethane	5	U
75-01-4	Vinyl Chloride	5	U
74-83-9	Bromomethane	5	U
75-00-3	Chloroethane	5	U
75-69-4	Trichlorofluoromethane	5	U
75-35-4	1,1-Dichloroethene	5	U
75-09-2	Methylene Chloride	5	U
156-60-5	trans-1,2-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
156-59-2	cis-1,2-Dichloroethene	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	5	U
71-55-6	1;1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
71-43-2	Benzene	5	U
107-06-2	1,2-Dichloroethane	5	U
79-01-6	Trichloroethene	5	U
78-87-5	1,2-Dichloropropane	5	U
75-27-4	Bromodichloromethane	5	U
110-75-8	2-Chloroethyl Vinyl Ether	10	U
10061-01-5	cis-1,3-Dichloropropene	5	U
108-88-3	Toluene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
79-00-5	1,1,2-Trichloroethane	5	U
127-18-4	Tetrachloroethene	5	U
124-48-1	Dibromochloromethane	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
XYLENES1314	m+p-Xylene	5	U
1330-20-7	Xylene (Total)	5	U

6127

FORM I VOA

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

OS--1

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 5136504

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: HP09355.i/07aug28b.b/yg28s08.d

Level: (low/med) LOW Date Received: 08/23/07

Moisture: not dec. _____ Date Analyzed: 08/28/07

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
95-47-6	o-Xylene	5	U
75-25-2	Bromoform	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
541-73-1	1,3-Dichlorobenzene	5	U
106-46-7	1,4-Dichlorobenzene	5	U
95-50-1	1,2-Dichlorobenzene	5	U

8128

OS--1

Lancaster Laboratories
Quantitation Report GC/MS Volatiles

5136504

File: /chem2/HP09355.i/07aug28b.b/yg28s08.d
Sample: OS--1;5136504;1;0;;;;
Injected At:28-AUG-2007 14:33
Calibration Time: 20-JUL-2007 09:25
Target Method: Y8260W.m
Blank Reference: yg28b01.d
Sublist: CHEVE

Sample Concentration Formula: On-Column Amount * (Vt/Vo)
Batch:Y072401AA
Analyst:NRR01826
Instrument ID:HP09355.i
Standard Reference: yg28c04.d
Prep Factor:1.00
Units: ug/L

Matrix: WATER
Level: Low
Sample Wt./Vol.: 5.0000 ml (Vo)
Volume Purged: 5.0 ml (Vt)
Bottle Code:38A

Internal Standards	RT(+/-RT)	Scan	QIon	Area(+/- %Area)	Conc(ext)	QC Flag
23) t-Butyl Alcohol-d10	2.497(0.000)	519	65	191223(-3)	250.00	
66) Fluorobenzene	4.730(0.003)	1215	96	934899(0)	50.00	
102) Chlorobenzene-d5	7.875(0.003)	2195	117	704322(1)	50.00	
133) 1,4-Dichlorobenzene-d4	9.788(0.000)	2791	152	408162(-6)	50.00	

= RETENTION TIME OUT OF RANGE * = INTERNAL STANDARD OUT OF RANGE NC = NOT ABLE TO CALCULATE

Surrogate Standards	I.S. Ref.	RT (+/-RRT)	QIon	Area	Conc. (on column)	%Rec.	QC flags	QC Limits
48) Dibromofluoromethane	(1)	4.069(-0.001)	113	231221	51.246	102%		80 - 116
57) 1,2-Dichloroethane-d4	(1)	4.390(0.000)	102	56159	45.050	90%		77 - 113
87) Toluene-d8	(2)	6.376(0.000)	98	934357	52.900	106%		80 - 113
115) 4-Bromofluorobenzene	(2)	8.902(0.000)	95	330914	48.726	97%		78 - 113

= RELATIVE RETENTION TIME OUT OF RANGE * = PERCENT REC.OUT OF RANGE D = DILUTED OUT NC = NOT ABLE TO CALCULATE

Target Compounds	I.S. Ref.	RT	(+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit	LOQ
2) Chloromethane	(1)					ND	ND			1.00	5.00
4) Vinyl Chloride	(1)					ND	ND			1.00	5.00
5) Bromomethane	(1)					ND	ND			1.00	5.00
6) Chloroethane	(1)					ND	ND			1.00	5.00
8) Trichlorofluoromethane	(1)					ND	ND			2.00	5.00
13) 1,1-Dichloroethene	(1)					ND	ND			0.80	5.00
22) Methylene Chloride	(1)					ND	ND			2.00	5.00
26) trans-1,2-Dichloroethene	(1)					ND	ND			0.80	5.00
40) 1,2-Dichloroethene (total)	(1)					ND	ND			0.80	5.00
30) 1,1-Dichloroethane	(1)					ND	ND			1.00	5.00
37) cis-1,2-Dichloroethene	(1)					ND	ND			0.80	5.00
46) Chloroform	(1)					ND	ND			0.80	5.00
50) 1,1,1-Trichloroethane	(1)					ND	ND			0.80	5.00
55) Carbon Tetrachloride	(1)					ND	ND			1.00	5.00
59) Benzene	(1)					ND	ND			0.50	5.00
61) 1,2-Dichloroethane	(1)					ND	ND			1.00	5.00
70) Trichloroethene	(1)					ND	ND			1.00	5.00
73) 1,2-Dichloropropane	(1)					ND	ND			1.00	5.00
79) Bromodichloromethane	(1)					ND	ND			1.00	5.00
82) 2-Chloroethyl Vinyl Ether	(1)					ND	ND			2.00	10.00
83) cis-1,3-Dichloropropene	(1)					ND	ND			1.00	5.00
89) Toluene	(2)					ND	ND			0.70	5.00
91) trans-1,3-Dichloropropene	(2)					ND	ND			1.00	5.00
93) 1,1,2-Trichloroethane	(2)					ND	ND			0.80	5.00

E = CONC. OUT OF CAL. RANGE # = RELATIVE RETENTION TIME OUT OF RANGE

OS--1

Lancaster Laboratories
Quantitation Report GC/MS Volatiles

5136504

File: /chem2/HP09355.i/07aug28b.b/yg28s08.d
Sample: OS--1;5136504;1;0;;;;
Injected At:28-AUG-2007 14:33
Calibration Time: 20-JUL-2007 09:25
Target Method: Y8260W.m
Blank Reference: yg28b01.d
Sublist: CHEVE

Sample Concentration Formula: On-Column Amount * (Vt/Vo)
Batch:Y072401AA
Analyst:NRR01826
Instrument ID:HP09355.1
Standard Reference: yg28c04.d
Prep Factor:1.00
Units: ug/L

Matrix: WATER
Level: Low
Sample Wt./Vol.: 5.0000 ml (Vo)
Volume Purged: 5.0 ml (Vt)
Bottle Code:38A

Target Compounds	I.S. Ref.	RT	(+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit	LOQ
94) Tetrachloroethene	(2)					ND	ND			0.80	5.00
99) Dibromochloromethane	(2)					ND	ND			1.00	5.00
103) Chlorobenzene	(2)					ND	ND			0.80	5.00
105) Ethylbenzene	(2)					ND	ND			0.80	5.00
106) m+p-Xylene	(2)					ND	ND			0.80	5.00
107) Xylene (Total)	(2)					ND	ND			0.80	5.00
108) o-Xylene	(2)					ND	ND			0.80	5.00
110) Bromoform	(2)					ND	ND			1.00	5.00
118) 1,1,2,2-Tetrachloroethane	(3)					ND	ND			1.00	5.00
131) 1,3-Dichlorobenzene	(3)					ND	ND			1.00	5.00
134) 1,4-Dichlorobenzene	(3)					ND	ND			1.00	5.00
140) 1,2-Dichlorobenzene	(3)					ND	ND			1.00	5.00

E = CONC. OUT OF CAL. RANGE # = RELATIVE RETENTION TIME OUT OF RANGE

Comments: _____

Analyst: MSW 2409 Date: 8/31/07

Auditor: RRM 9/4/07 Date: 9/4/07

8138

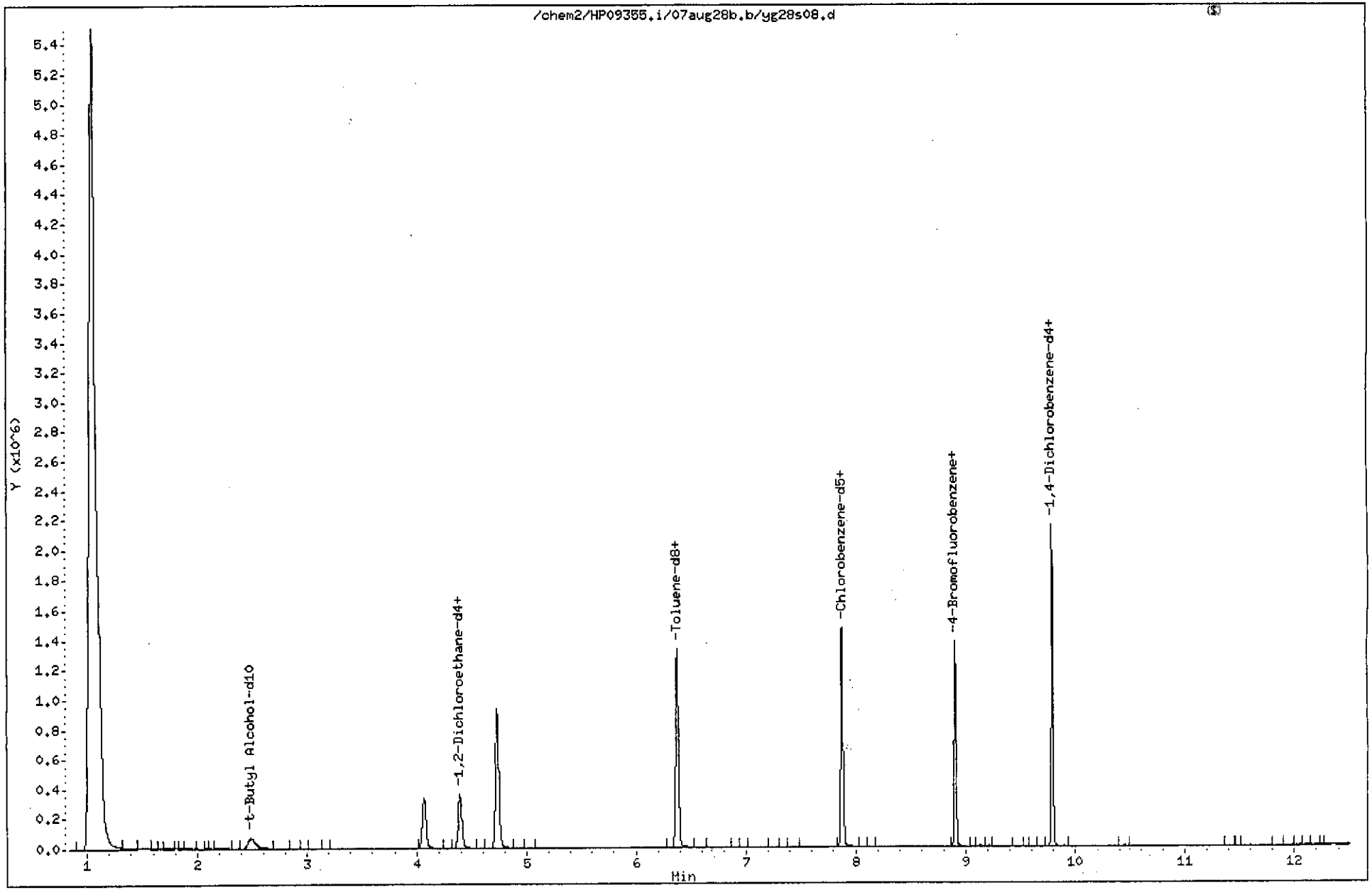
Data File: /chem2/HP09355.i/07aug28b.b/yg28s08.d
Date : 28-AUG-2007 14:33
Client ID: OS--1
Sample Info: OS--1;5136504;1;0;;;;
Purge Volume: 5.0
Column phase: DB-624

Instrument: HP09355.i

Operator: NRR01826
Column diameter: 0.18

MLW 2012
5/25/12

/chem2/HP09355.i/07aug28b.b/yg28s08.d



Quant Report

Target Revision 3.5

Data File: /chem2/HP09355.i/07aug28b.b/yg28s08.d Instrument ID: HP09355.i
Injection date and time: 28-AUG-2007 14:33 Analyst ID: NRR01826

Method used: /chem2/HP09355.i/07aug28b.b/Y8260W.m Sublist used: CHEVE
Calibration date and time: 20-JUL-2007 09:25
Date, time and analyst ID of latest file update: 31-Aug-2007 16:10 msw02109

Sample Name: OS--1 Lab Sample ID: 5136504

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
23)*t-Butyl Alcohol-d10	(4)	2.497	65	191223	250.000
66)*Fluorobenzene	(1)	4.730	96	934899	50.000
102)*Chlorobenzene-d5	(2)	7.875	117	704322	50.000
133)*1,4-Dichlorobenzene-d4	(3)	9.788	152	408162	50.000
48)$Dibromofluoromethane	(1)	4.069	113	231221	51.246
57)$1,2-Dichloroethane-d4	(1)	4.390	102	56159	45.050
87)$Toluene-d8	(2)	6.376	98	934357	52.900
115)$4-Bromofluorobenzene	(2)	8.902	95	330914	48.726

* = Compound is an internal standard.
$ = Compound is a surrogate standard.

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

OS--3

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 5136505

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: HP09355.i/07aug28b.b/yg28s09.d

Level: (low/med) LOW Date Received: 08/23/07

Moisture: not dec. _____ Date Analyzed: 08/28/07

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
74-87-3	Chloromethane	5	U
75-01-4	Vinyl Chloride	5	U
74-83-9	Bromomethane	5	U
75-00-3	Chloroethane	5	U
75-69-4	Trichlorofluoromethane	5	U
75-35-4	1,1-Dichloroethene	5	U
75-09-2	Methylene Chloride	5	U
156-60-5	trans-1,2-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
156-59-2	cis-1,2-Dichloroethene	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	5	U
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
71-43-2	Benzene	5	U
107-06-2	1,2-Dichloroethane	5	U
79-01-6	Trichloroethene	5	U
78-87-5	1,2-Dichloropropane	5	U
75-27-4	Bromodichloromethane	5	U
110-75-8	2-Chloroethyl Vinyl Ether	10	U
10061-01-5	cis-1,3-Dichloropropene	5	U
108-88-3	Toluene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
79-00-5	1,1,2-Trichloroethane	5	U
127-18-4	Tetrachloroethene	5	U
124-48-1	Dibromochloromethane	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
XYLENES1314	m+p-Xylene	5	U
1330-20-7	Xylene (Total)	5	U

0133

FORM I VOA

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

OS--3

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 5136505

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: HP09355.i/07aug28b.b/yg28s09.d

Level: (low/med) LOW Date Received: 08/23/07

Moisture: not dec. _____ Date Analyzed: 08/28/07

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
95-47-6	o-Xylene	5	U
75-25-2	Bromoform	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
541-73-1	1,3-Dichlorobenzene	5	U
106-46-7	1,4-Dichlorobenzene	5	U
95-50-1	1,2-Dichlorobenzene	5	U

9134

OS--3

Lancaster Laboratories
Quantitation Report GC/MS Volatiles 5136505

File: /chem2/HP09355.i/07aug28b.b/yg28s09.d
Sample: OS--3;5136505;1;0;;;;
Injected At:28-AUG-2007 14:56
Calibration Time: 20-JUL-2007 09:25
Target Method: Y8260W.m
Blank Reference: yg28b01.d
Sublist: CHEVE

Sample Concentration Formula: On-Column Amount * (Vt/Vo)
Batch:Y072401AA
Analyst:NRR01826
Instrument ID:HP09355.i
Standard Reference: yg28c04.d
Prep Factor:1.00
Units: ug/L

Matrix: WATER
Level: Low
Sample Wt./Vol.: 5.0000 ml (Vo)
Volume Purged: 5.0 ml (Vt)

Bottle Code:38A

Internal Standards	RT(+/-RT)	Scan	QIon	Area(+/- %Area)	Conc(ext)	QC Flag
23) t-Butyl Alcohol-d10	2.494(0.003)	518	65	174963(-12)	250.00	
66) Fluorobenzene	4.727(0.006)	1214	96	861581(-8)	50.00	
102) Chlorobenzene-d5	7.878(0.000)	2196	117	650405(-7)	50.00	
133) 1,4-Dichlorobenzene-d4	9.788(0.000)	2791	152	371810(-15)	50.00	

= RETENTION TIME OUT OF RANGE * = INTERNAL STANDARD OUT OF RANGE NC = NOT ABLE TO CALCULATE

Surrogate Standards	I.S. Ref.	RT (+/-RRT)	QIon	Area	Conc. (on column)	%Rec.	QC flags	QC Limits
48) Dibromofluoromethane	(1)	4.063(0.000)	113	212180	51.028	102%		80 - 116
57) 1,2-Dichloroethane-d4	(1)	4.384(0.001)	102	53024	46.155	92%		77 - 113
87) Toluene-d8	(2)	6.373(0.000)	98	858213	52.616	105%		80 - 113
115) 4-Bromofluorobenzene	(2)	8.902(0.000)	95	303305	48.363	97%		78 - 113

= RELATIVE RETENTION TIME OUT OF RANGE * = PERCENT REC.OUT OF RANGE D = DILUTED OUT NC = NOT ABLE TO CALCULATE

Target Compounds	I.S. Ref.	RT	(+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit	LOQ
2) Chloromethane	(1)					ND	ND			1.00	5.00
4) Vinyl Chloride	(1)					ND	ND			1.00	5.00
5) Bromomethane	(1)					ND	ND			1.00	5.00
6) Chloroethane	(1)					ND	ND			1.00	5.00
8) Trichlorofluoromethane	(1)					ND	ND			2.00	5.00
13) 1,1-Dichloroethene	(1)					ND	ND			0.80	5.00
22) Methylene Chloride	(1)					ND	ND			2.00	5.00
26) trans-1,2-Dichloroethene	(1)					ND	ND			0.80	5.00
40) 1,2-Dichloroethene (total)	(1)					ND	ND			0.80	5.00
30) 1,1-Dichloroethane	(1)					ND	ND			1.00	5.00
37) cis-1,2-Dichloroethene	(1)					ND	ND			0.80	5.00
46) Chloroform	(1)					ND	ND			0.80	5.00
50) 1,1,1-Trichloroethane	(1)					ND	ND			0.80	5.00
55) Carbon Tetrachloride	(1)					ND	ND			1.00	5.00
59) Benzene	(1)					ND	ND			0.50	5.00
61) 1,2-Dichloroethane	(1)					ND	ND			1.00	5.00
70) Trichloroethene	(1)					ND	ND			1.00	5.00
73) 1,2-Dichloropropane	(1)					ND	ND			1.00	5.00
79) Bromodichloromethane	(1)					ND	ND			1.00	5.00
82) 2-Chloroethyl Vinyl Ether	(1)					ND	ND			2.00	10.00
83) cis-1,3-Dichloropropene	(1)					ND	ND			1.00	5.00
89) Toluene	(2)					ND	ND			0.70	5.00
91) trans-1,3-Dichloropropene	(2)					ND	ND			1.00	5.00
93) 1,1,2-Trichloroethane	(2)					ND	ND			0.80	5.00

E = CONC. OUT OF CAL. RANGE # = RELATIVE RETENTION TIME OUT OF RANGE

OS--3

Lancaster Laboratories
Quantitation Report GC/MS Volatiles 5136505

File: /chem2/HP09355.i/07aug28b.b/yg28s09.d
Sample: OS--3;5136505;1;0;;;;
Injected At:28-AUG-2007 14:56
Calibration Time: 20-JUL-2007 09:25
Target Method: Y8260W.m
Blank Reference: yg28b01.d
Sublist: CHEVE

Sample Concentration Formula: On-Column Amount * (Vt/Vo)
Batch:Y072401AA
Analyst:NRR01826
Instrument ID:HP09355.i
Standard Reference: yg28c04.d
Prep Factor:1.00
Units: ug/L

Matrix: WATER
Level: Low
Sample Wt./Vol.: 5.0000 ml (Vo)
Volume Purged: 5.0 ml (Vt)

Bottle Code:38A

Target Compounds	I.S. Ref.	RT	(+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit	LOQ
94) Tetrachloroethene	(2)					ND	ND			0.80	5.00
99) Dibromochloromethane	(2)					ND	ND			1.00	5.00
103) Chlorobenzene	(2)					ND	ND			0.80	5.00
105) Ethylbenzene	(2)					ND	ND			0.80	5.00
106) m+p-Xylene	(2)					ND	ND			0.80	5.00
107) Xylene (Total)	(2)					ND	ND			0.80	5.00
108) o-Xylene	(2)					ND	ND			0.80	5.00
110) Bromoform	(2)					ND	ND			1.00	5.00
118) 1,1,2,2-Tetrachloroethane	(3)					ND	ND			1.00	5.00
131) 1,3-Dichlorobenzene	(3)					ND	ND			1.00	5.00
134) 1,4-Dichlorobenzene	(3)					ND	ND			1.00	5.00
140) 1,2-Dichlorobenzene	(3)					ND	ND			1.00	5.00

E = CONC. OUT OF CAL. RANGE # = RELATIVE RETENTION TIME OUT OF RANGE

Comments:

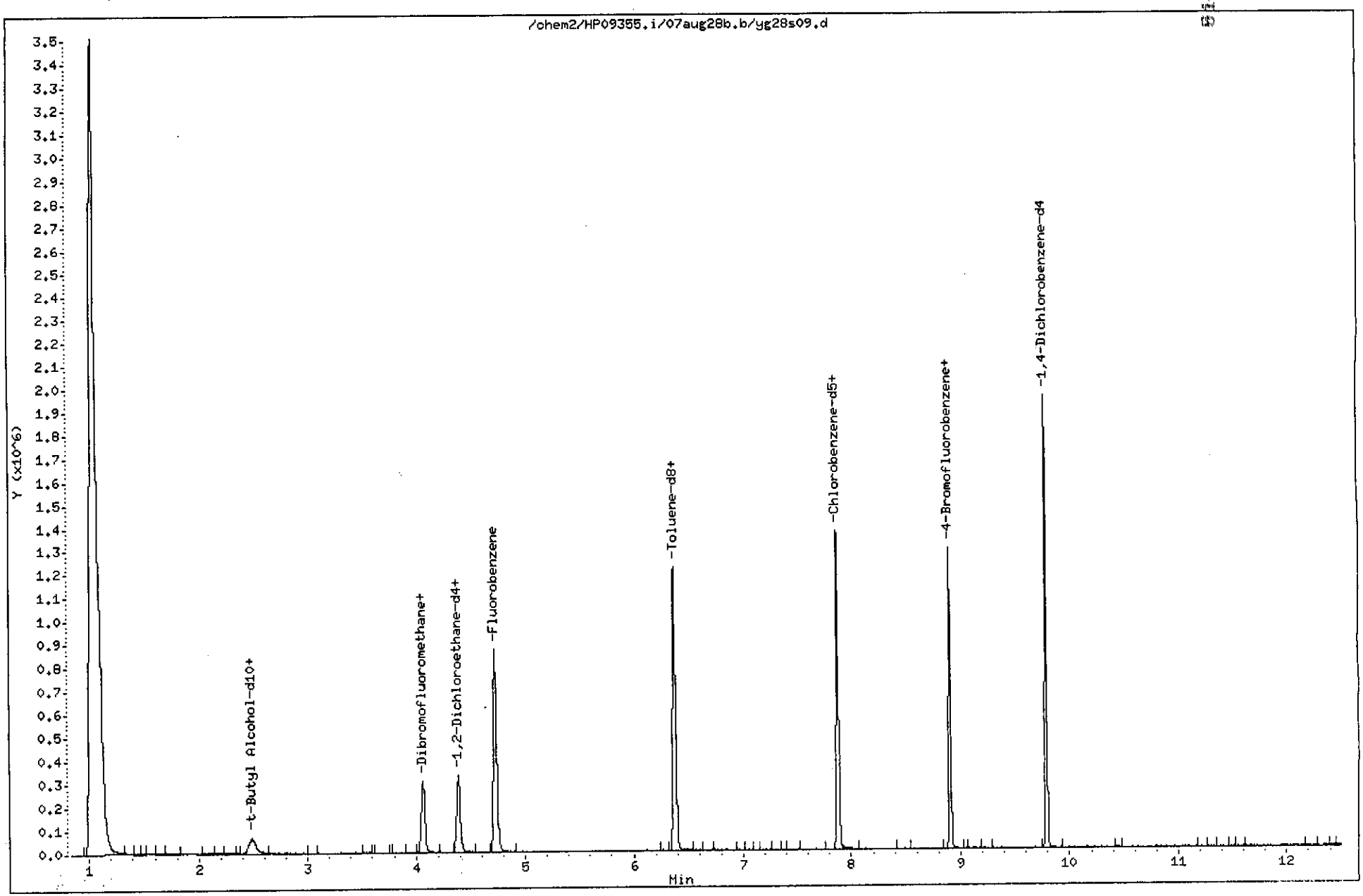
Analyst: MJW 7104 Date: 8/31/07

Auditor: RMM dm Date: 9/4/07

Data File: /chem2/HP09355.i/07aug28b.b/yg28s09.d
Date : 28-AUG-2007 14:56
Client ID: OS--3
Sample Info: OS--3;5136505;1;0;;;;
Purge Volume: 5.0
Column phase: DB-624

Instrument: HP09355.i

Operator: NRR01826
Column diameter: 0.18



Quant Report

Target Revision 3.5

Data File: /chem2/HP09355.i/07aug28b.b/yg28s09.d Instrument ID: HP09355.i
Injection date and time: 28-AUG-2007 14:56 Analyst ID: NRR01826

Method used: /chem2/HP09355.i/07aug28b.b/Y8260W.m Sublist used: CHEVE
Calibration date and time: 20-JUL-2007 09:25
Date, time and analyst ID of latest file update: 31-Aug-2007 16:10 msw02109

Sample Name: OS--3 Lab Sample ID: 5136505

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
23) *t-Butyl Alcohol-d10	(4)	2.494	65	174963	250.000
66) *Fluorobenzene	(1)	4.727	96	861581	50.000
102) *Chlorobenzene-d5	(2)	7.878	117	650405	50.000
133) *1,4-Dichlorobenzene-d4	(3)	9.788	152	371810	50.000
48) $Dibromofluoromethane	(1)	4.063	113	212180	51.028
57) $1,2-Dichloroethane-d4	(1)	4.384	102	53024	46.155
87) $Toluene-d8	(2)	6.373	98	858213	52.616
115) $4-Bromofluorobenzene	(2)	8.902	95	303305	48.363

* = Compound is an internal standard.
$ = Compound is a surrogate standard.

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

OR--3

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 5136509

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: HP09355.i/07aug28b.b/yg28s14.d

Level: (low/med) LOW Date Received: 08/23/07

Moisture: not dec. _____ Date Analyzed: 08/28/07

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
74-87-3	Chloromethane	5	U
75-01-4	Vinyl Chloride	5	U
74-83-9	Bromomethane	5	U
75-00-3	Chloroethane	5	U
75-69-4	Trichlorofluoromethane	5	U
75-35-4	1,1-Dichloroethene	5	U
75-09-2	Methylene Chloride	5	U
156-60-5	trans-1,2-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
156-59-2	cis-1,2-Dichloroethene	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	5	U
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
71-43-2	Benzene	5	U
107-06-2	1,2-Dichloroethane	5	U
79-01-6	Trichloroethene	5	U
78-87-5	1,2-Dichloropropane	5	U
75-27-4	Bromodichloromethane	5	U
110-75-8	2-Chloroethyl Vinyl Ether	10	U
10061-01-5	cis-1,3-Dichloropropene	5	U
108-88-3	Toluene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
79-00-5	1,1,2-Trichloroethane	5	U
127-18-4	Tetrachloroethene	5	U
124-48-1	Dibromochloromethane	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
XYLENES1314	m+p-Xylene	5	U
1330-20-7	Xylene (Total)	5	U

6139

FORM I VOA

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

OR--3

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 5136509

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: HP09355.i/07aug28b.b/yg28s14.d

Level: (low/med) LOW Date Received: 08/23/07

Moisture: not dec. _____ Date Analyzed: 08/28/07

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
95-47-6	o-Xylene	5	U
75-25-2	Bromoform	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
541-73-1	1,3-Dichlorobenzene	5	U
106-46-7	1,4-Dichlorobenzene	5	U
95-50-1	1,2-Dichlorobenzene	5	U

9148

OR--3

Lancaster Laboratories
Quantitation Report GC/MS Volatiles 5136509

File: /chem2/HP09355.i/07aug28b.b/yg28s14.d
Sample: OR--3;5136509;1;0;;;;
Injected At:28-AUG-2007 16:51
Calibration Time: 20-JUL-2007 09:25
Target Method: Y8260W.m
Blank Reference: yg28b01.d
Sublist: CHEVE

Sample Concentration Formula: On-Column Amount * (Vt/Vo)
Batch:Y072401AA
Analyst:NRR01826
Instrument ID:HP09355.i
Standard Reference: yg28c04.d
Prep Factor:1.00
Units: ug/L

Matrix: WATER
Level: Low
Sample Wt./Vol.: 5.0000 ml (Vo)
Volume Purged: 5.0 ml (Vt)
Bottle Code:38A

Internal Standards	RT(+/-RT)	Scan	QIon	Area(+/- %Area)	Conc(ext)	QC Flag
23) t-Butyl Alcohol-d10	2.487(0.010)	516	65	178691(-10)	250.00	
66) Fluorobenzene	4.727(0.006)	1214	96	865934(-7)	50.00	
102) Chlorobenzene-d5	7.878(0.000)	2196	117	647768(-7)	50.00	
133) 1,4-Dichlorobenzene-d4	9.788(0.000)	2791	152	370791(-15)	50.00	

= RETENTION TIME OUT OF RANGE * = INTERNAL STANDARD OUT OF RANGE NC = NOT ABLE TO CALCULATE

Surrogate Standards	I.S. Ref.	RT (+/-RRT)	QIon	Area	Conc. (on column)	%Rec.	QC flags	QC Limits
48) Dibromofluoromethane	(1)	4.063(0.000)	113	209051	50.022	100%		80 - 116
57) 1,2-Dichloroethane-d4	(1)	4.387(0.000)	102	53048	45.944	92%		77 - 113
87) Toluene-d8	(2)	6.373(0.000)	98	854370	52.594	105%		80 - 113
115) 4-Bromofluorobenzene	(2)	8.902(0.000)	95	301787	48.317	97%		78 - 113

= RELATIVE RETENTION TIME OUT OF RANGE * = PERCENT REC.OUT OF RANGE D = DILUTED OUT NC = NOT ABLE TO CALCULATE

Target Compounds	I.S. Ref.	RT (+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit	LOQ
2) Chloromethane	(1)				ND	ND			1.00	5.00
4) Vinyl Chloride	(1)				ND	ND			1.00	5.00
5) Bromomethane	(1)				ND	ND			1.00	5.00
6) Chloroethane	(1)				ND	ND			1.00	5.00
8) Trichlorofluoromethane	(1)				ND	ND			2.00	5.00
13) 1,1-Dichloroethene	(1)				ND	ND			0.80	5.00
22) Methylene Chloride	(1)				ND	ND			2.00	5.00
26) trans-1,2-Dichloroethene	(1)				ND	ND			0.80	5.00
40) 1,2-Dichloroethene (total)	(1)				ND	ND			0.80	5.00
30) 1,1-Dichloroethane	(1)				ND	ND			1.00	5.00
37) cis-1,2-Dichloroethene	(1)				ND	ND			0.80	5.00
46) Chloroform	(1)				ND	ND			0.80	5.00
50) 1,1,1-Trichloroethane	(1)				ND	ND			0.80	5.00
55) Carbon Tetrachloride	(1)				ND	ND			1.00	5.00
59) Benzene	(1)				ND	ND			0.50	5.00
61) 1,2-Dichloroethane	(1)				ND	ND			1.00	5.00
70) Trichloroethene	(1)				ND	ND			1.00	5.00
73) 1,2-Dichloropropane	(1)				ND	ND			1.00	5.00
79) Bromodichloromethane	(1)				ND	ND			1.00	5.00
82) 2-Chloroethyl Vinyl Ether	(1)				ND	ND			2.00	10.00
83) cis-1,3-Dichloropropene	(1)				ND	ND			1.00	5.00
89) Toluene	(2)				ND	ND			0.70	5.00
91) trans-1,3-Dichloropropene	(2)				ND	ND			1.00	5.00
93) 1,1,2-Trichloroethane	(2)				ND	ND			0.80	5.00

E = CONC. OUT OF CAL. RANGE # = RELATIVE RETENTION TIME OUT OF RANGE

OR--3

Lancaster Laboratories
Quantitation Report GC/MS Volatiles

5136509

File: /chem2/HP09355.i/07aug28b.b/yg28s14.d
Sample: OR--3;5136509;1;0;;;;
Injected At:**28-AUG-2007 16:51**
Calibration Time: 20-JUL-2007 09:25
Target Method: Y8260W.m
Blank Reference: yg28b01.d
Sublist: CHEVE

Sample Concentration Formula: On-Column Amount * (Vt/Vo)
Batch:**Y072401AA**
Analyst:**NRR01826**
Instrument ID:**HP09355.i**
Standard Reference: yg28c04.d
Prep Factor:**1.00**
Units: ug/L

Matrix: WATER
Level: Low
Sample Wt./Vol.: 5.0000 ml (Vo)
Volume Purged: 5.0 ml (Vt)

Bottle Code:**38A**

Target Compounds	I.S. Ref.	RT	(+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit	LOQ
94) Tetrachloroethene	(2)					ND	ND			0.80	5.00
99) Dibromochloromethane	(2)					ND	ND			1.00	5.00
103) Chlorobenzene	(2)					ND	ND			0.80	5.00
105) Ethylbenzene	(2)					ND	ND			0.80	5.00
106) m+p-Xylene	(2)					ND	ND			0.80	5.00
107) Xylene (Total)	(2)					ND	ND			0.80	5.00
108) o-Xylene	(2)					ND	ND			0.80	5.00
110) Bromoform	(2)					ND	ND			1.00	5.00
118) 1,1,2,2-Tetrachloroethane	(3)					ND	ND			1.00	5.00
131) 1,3-Dichlorobenzene	(3)					ND	ND			1.00	5.00
134) 1,4-Dichlorobenzene	(3)					ND	ND			1.00	5.00
140) 1,2-Dichlorobenzene	(3)					ND	ND			1.00	5.00

E = CONC. OUT OF CAL. RANGE # = RELATIVE RETENTION TIME OUT OF RANGE

Comments:

Analyst: NSW 2104 Date: 8/31/07

Auditor: RRR dm Date: 9/4/07

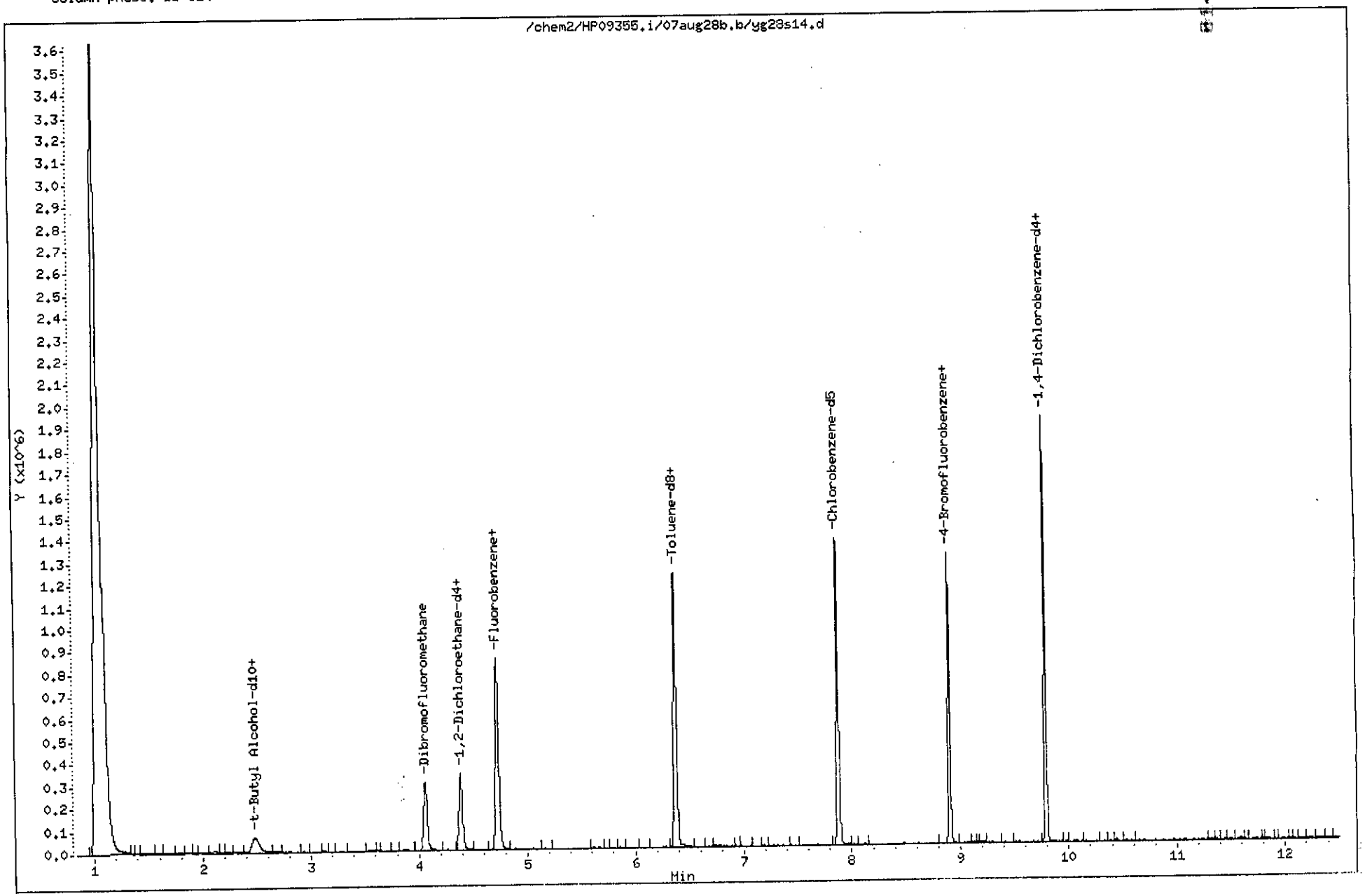
8142

Data File: /chem2/HP09355.i/07aug28b.b/yg28s14.d
Date : 28-AUG-2007 16:51
Client ID: OR--3
Sample Info: OR--3;5136509;1;0;;;;
Purge Volume: 5.0
Column phase: DB-624

Instrument: HP09355.i

Operator: NRR01826
Column diameter: 0.18

/chem2/HP09355.i/07aug28b.b/yg28s14.d



Quant Report

Target Revision 3.5

Data File: /chem2/HP09355.i/07aug28b.b/yg28s14.d Instrument ID: HP09355.i
Injection date and time: 28-AUG-2007 16:51 Analyst ID: NRR01826

Method used: /chem2/HP09355.i/07aug28b.b/Y8260W.m Sublist used: CHEVE
Calibration date and time: 20-JUL-2007 09:25
Date, time and analyst ID of latest file update: 31-Aug-2007 16:26 msw02109

Sample Name: OR--3 Lab Sample ID: 5136509

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
23)*t-Butyl Alcohol-d10	(4)	2.487	65	178691	250.000
66)*Fluorobenzene	(1)	4.727	96	865934	50.000
102)*Chlorobenzene-d5	(2)	7.878	117	647768	50.000
133)*1,4-Dichlorobenzene-d4	(3)	9.788	152	370791	50.000
48)$Dibromofluoromethane	(1)	4.063	113	209051	50.022
57)$1,2-Dichloroethane-d4	(1)	4.387	102	53048	45.944
87)$Toluene-d8	(2)	6.373	98	854370	52.594
115)$4-Bromofluorobenzene	(2)	8.902	95	301787	48.317

* = Compound is an internal standard.
$ = Compound is a surrogate standard.

1A

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

OR--2

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 5136510

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: HP09355.i/07aug28b.b/yg28s15.d

Level: (low/med) LOW Date Received: 08/23/07

Moisture: not dec. _____ Date Analyzed: 08/28/07

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
74-87-3	Chloromethane	5	U
75-01-4	Vinyl Chloride	5	U
74-83-9	Bromomethane	5	U
75-00-3	Chloroethane	5	U
75-69-4	Trichlorofluoromethane	5	U
75-35-4	1,1-Dichloroethene	5	U
75-09-2	Methylene Chloride	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	5	U
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
71-43-2	Benzene	5	U
107-06-2	1,2-Dichloroethane	5	U
79-01-6	Trichloroethene	5	U
78-87-5	1,2-Dichloropropane	5	U
75-27-4	Bromodichloromethane	5	U
110-75-8	2-Chloroethyl Vinyl Ether	10	U
10061-01-5	cis-1,3-Dichloropropene	5	U
108-88-3	Toluene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
79-00-5	1,1,2-Trichloroethane	5	U
127-18-4	Tetrachloroethene	5	U
124-48-1	Dibromochloromethane	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
XYLENES1314	m+p-Xylene	5	U
1330-20-7	Xylene (Total)	5	U
95-47-6	o-Xylene	5	U
75-25-2	Bromoform	5	U

0145

FORM I VOA

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

OR--2

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 5136510

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: HP09355.i/07aug28b.b/yg28s15.d

Level: (low/med) LOW Date Received: 08/23/07

Moisture: not dec. _____ Date Analyzed: 08/28/07

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L		Q
79-34-5	1,1,2,2-Tetrachloroethane		5	U
541-73-1	1,3-Dichlorobenzene		5	U
106-46-7	1,4-Dichlorobenzene		5	U
95-50-1	1,2-Dichlorobenzene		5	U

3146

OR--2

Lancaster Laboratories
Quantitation Report GC/MS Volatiles

5136510

File: /chem2/HP09355.i/07aug28b.b/yg28s15.d
Sample: OR--2;5136510;1;0;;;;
Injected At:28-AUG-2007 17:14
Calibration Time: 20-JUL-2007 09:25
Target Method: Y8260W.m
Blank Reference: yg28b01.d
Sublist: CHEVE

Sample Concentration Formula: On-Column Amount * (Vt/Vo)
Batch:Y072401AA
Analyst:NRR01826
Instrument ID:HP09355.i
Standard Reference: yg28c04.d
Prep Factor:1.00
Units: ug/L

Matrix: WATER
Level: Low
Sample Wt./Vol.: 5.0000 ml (Vo)
Volume Purged: 5.0 ml (Vt)

Bottle Code:38A

Internal Standards	RT(+/-RT)	Scan	QIon	Area(+/- %Area)	Conc(ext)	QC Flag
23) t-Butyl Alcohol-d10	2.484(0.013)	515	65	202279(2)	250.00	
66) Fluorobenzene	4.724(0.010)	1213	96	938952(1)	50.00	
102) Chlorobenzene-d5	7.875(0.003)	2195	117	714959(3)	50.00	
133) 1,4-Dichlorobenzene-d4	9.788(0.000)	2791	152	413697(-5)	50.00	

= RETENTION TIME OUT OF RANGE * = INTERNAL STANDARD OUT OF RANGE NC = NOT ABLE TO CALCULATE

Surrogate Standards	I.S. Ref.	RT (+/-RRT)	QIon	Area	Conc. (on column)	%Rec.	QC flags	QC Limits
48) Dibromofluoromethane	(1)	4.060(0.000)	113	231102	50.999	102%		80 - 116
57) 1,2-Dichloroethane-d4	(1)	4.381(0.001)	102	58825	46.985	94%		77 - 113
87) Toluene-d8	(2)	6.373(0.000)	98	924156	51.544	103%		80 - 113
115) 4-Bromofluorobenzene	(2)	8.902(0.000)	95	327632	47.525	95%		78 - 113

= RELATIVE RETENTION TIME OUT OF RANGE * = PERCENT REC.OUT OF RANGE D = DILUTED OUT NC = NOT ABLE TO CALCULATE

Target Compounds	I.S. Ref.	RT (+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit	LOQ
2) Chloromethane	(1)				ND	ND			1.00	5.00
4) Vinyl Chloride	(1)				ND	ND			1.00	5.00
5) Bromomethane	(1)				ND	ND			1.00	5.00
6) Chloroethane	(1)				ND	ND			1.00	5.00
8) Trichlorofluoromethane	(1)				ND	ND			2.00	5.00
13) 1,1-Dichloroethene	(1)				ND	ND			0.80	5.00
22) Methylene Chloride	(1)				ND	ND			2.00	5.00
26) trans-1,2-Dichloroethene	(1)				ND	ND			0.80	5.00
40) 1,2-Dichloroethene (total)	(1)				ND	ND			0.80	5.00
30) 1,1-Dichloroethane	(1)				ND	ND			1.00	5.00
37) cis-1,2-Dichloroethene	(1)				ND	ND			0.80	5.00
46) Chloroform	(1)				ND	ND			0.80	5.00
50) 1,1,1-Trichloroethane	(1)				ND	ND			0.80	5.00
55) Carbon Tetrachloride	(1)				ND	ND			1.00	5.00
59) Benzene	(1)				ND	ND			0.50	5.00
61) 1,2-Dichloroethane	(1)				ND	ND			1.00	5.00
70) Trichloroethene	(1)				ND	ND			1.00	5.00
73) 1,2-Dichloropropane	(1)				ND	ND			1.00	5.00
79) Bromodichloromethane	(1)				ND	ND			1.00	5.00
82) 2-Chloroethyl Vinyl Ether	(1)				ND	ND			2.00	10.00
83) cis-1,3-Dichloropropene	(1)				ND	ND			1.00	5.00
89) Toluene	(2)				ND	ND			0.70	5.00
91) trans-1,3-Dichloropropene	(2)				ND	ND			1.00	5.00
93) 1,1,2-Trichloroethane	(2)				ND	ND			0.80	5.00

E = CONC. OUT OF CAL. RANGE # = RELATIVE RETENTION TIME OUT OF RANGE

OR--2

Lancaster Laboratories
Quantitation Report GC/MS Volatiles

5136510

File: /chem2/HP09355.i/07aug28b.b/yg28s15.d
Sample: OR--2;5136510;1;0;;;;
Injected At:28-AUG-2007 17:14
Calibration Time: 20-JUL-2007 09:25
Target Method: Y8260W.m
Blank Reference: yg28b01.d
Sublist: CHEVE

Sample Concentration Formula: On-Column Amount * (Vt/Vo)
Batch:Y072401AA
Analyst:NRR01826
Instrument ID:HP09355.i
Standard Reference: yg28c04.d
Prep Factor:1.00
Units: ug/L

Matrix: WATER
Level: Low
Sample Wt./Vol.: 5.0000 ml (Vo)
Volume Purged: 5.0 ml (Vt)
Bottle Code:38A

Target Compounds	I.S. Ref.	RT	(+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit	LOQ
94) Tetrachloroethene	(2)					ND	ND			0.80	5.00
99) Dibromochloromethane	(2)					ND	ND			1.00	5.00
103) Chlorobenzene	(2)					ND	ND			0.80	5.00
105) Ethylbenzene	(2)					ND	ND			0.80	5.00
106) m+p-Xylene	(2)					ND	ND			0.80	5.00
107) Xylene (Total)	(2)					ND	ND			0.80	5.00
108) o-Xylene	(2)					ND	ND			0.80	5.00
110) Bromoform	(2)					ND	ND			1.00	5.00
118) 1,1,2,2-Tetrachloroethane	(3)					ND	ND			1.00	5.00
131) 1,3-Dichlorobenzene	(3)					ND	ND			1.00	5.00
134) 1,4-Dichlorobenzene	(3)					ND	ND			1.00	5.00
140) 1,2-Dichlorobenzene	(3)					ND	ND			1.00	5.00

E = CONC. OUT OF CAL. RANGE # = RELATIVE RETENTION TIME OUT OF RANGE

Comments:

Analyst: MSW 2109 Date: 8/31/07

Auditor: JAM 2/9 Date: 9/6/07

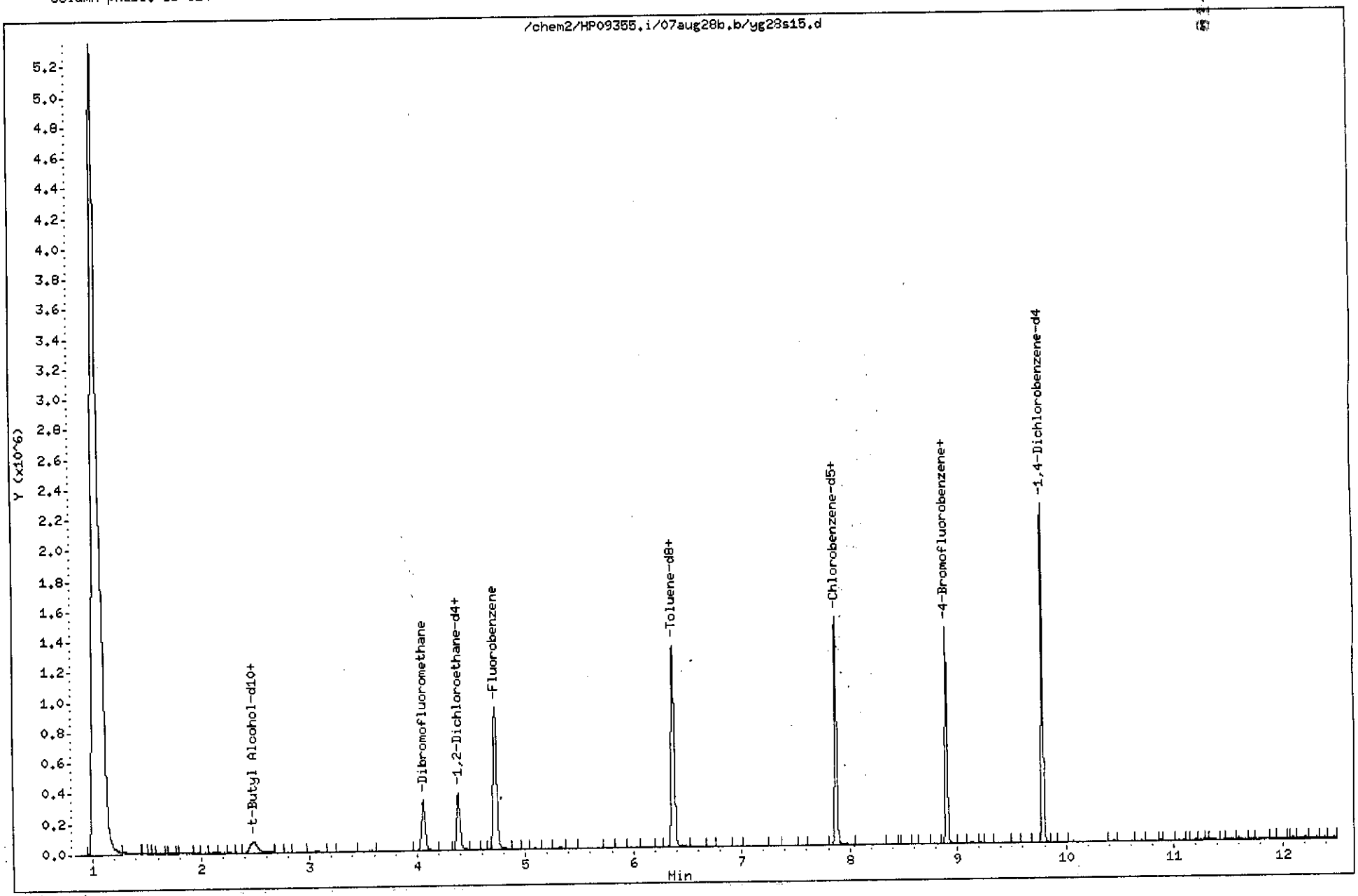
0149

Data File: /chem2/HP09355.i/07aug28b.b/yg28s15.d
Date : 28-AUG-2007 17:14
Client ID: OR--2
Sample Info: OR--2;5136510;1;0;;;;
Purge Volume: 5.0
Column phase: DB-624

Instrument: HP09355.i

Operator: NRR01826
Column diameter: 0.18

/chem2/HP09355.i/07aug28b.b/yg28s15.d



Quant Report

Target Revision 3.5

Data File: /chem2/HP09355.i/07aug28b.b/yg28s15.d Instrument ID: HP09355.i
Injection date and time: 28-AUG-2007 17:14 Analyst ID: NRR01826

Method used: /chem2/HP09355.i/07aug28b.b/Y8260W.m Sublist used: CHEVE
Calibration date and time: 20-JUL-2007 09:25
Date, time and analyst ID of latest file update: 31-Aug-2007 16:26 msw02109

Sample Name: OR--2 Lab Sample ID: 5136510

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
23)*t-Butyl Alcohol-d10	(4)	2.484	65	202279	250.000
66)*Fluorobenzene	(1)	4.724	96	938952	50.000
102)*Chlorobenzene-d5	(2)	7.875	117	714959	50.000
133)*1,4-Dichlorobenzene-d4	(3)	9.788	152	413697	50.000
48)$Dibromofluoromethane	(1)	4.060	113	231102	50.999
57)$1,2-Dichloroethane-d4	(1)	4.381	102	58825	46.985
87)$Toluene-d8	(2)	6.373	98	924156	51.544
115)$4-Bromofluorobenzene	(2)	8.902	95	327632	47.525

* = Compound is an internal standard.
$ = Compound is a surrogate standard.

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

DC--1

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 5136511

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: HP09355.i/07aug28b.b/yg28s16.d

Level: (low/med) LOW Date Received: 08/23/07

Moisture: not dec. _____ Date Analyzed: 08/28/07

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
74-87-3	Chloromethane	5	U
75-01-4	Vinyl Chloride	5	U
74-83-9	Bromomethane	5	U
75-00-3	Chloroethane	5	U
75-69-4	Trichlorofluoromethane	5	U
75-35-4	1,1-Dichloroethene	5	U
75-09-2	Methylene Chloride	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	5	U
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
71-43-2	Benzene	5	U
107-06-2	1,2-Dichloroethane	5	U
79-01-6	Trichloroethene	9	
78-87-5	1,2-Dichloropropane	5	U
75-27-4	Bromodichloromethane	5	U
110-75-8	2-Chloroethyl Vinyl Ether	10	U
10061-01-5	cis-1,3-Dichloropropene	5	U
108-88-3	Toluene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
79-00-5	1,1,2-Trichloroethane	5	U
127-18-4	Tetrachloroethene	5	U
124-48-1	Dibromochloromethane	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
XYLENES1314	m+p-Xylene	5	U
1330-20-7	Xylene (Total)	5	U
95-47-6	o-Xylene	5	U
75-25-2	Bromoform	5	U

6151

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

DC--1

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 5136511

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: HP09355.i/07aug28b.b/yg28s16.d

Level: (low/med) LOW Date Received: 08/23/07

Moisture: not dec. _____ Date Analyzed: 08/28/07

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
79-34-5	1,1,2,2-Tetrachloroethane	5	U
541-73-1	1,3-Dichlorobenzene	5	U
106-46-7	1,4-Dichlorobenzene	5	U
95-50-1	1,2-Dichlorobenzene	5	U

9152

DC--1

Lancaster Laboratories
Quantitation Report GC/MS Volatiles

5136511

File: /chem2/HP09355.i/07aug28b.b/yg28s16.d
Sample: DC--1;5136511;1;0;;;;
Injected At:28-AUG-2007 17:37
Calibration Time: 20-JUL-2007 09:25
Target Method: Y8260W.m
Blank Reference: yg28b01.d
Sublist: CHEVE

Sample Concentration Formula: On-Column Amount * (Vt/Vo)
Batch:Y072401AA
Analyst:NRR01826
Instrument ID:HP09355.i
Standard Reference: yg28c04.d
Prep Factor:1.00
Units: ug/L

Matrix: WATER
Level: Low
Sample Wt./Vol.: 5.0000 ml (Vo)
Volume Purged: 5.0 ml (Vt)

Bottle Code:38A

Internal Standards	RT(+/-RT)	Scan	QIon	Area(+/- %Area)	Conc(ext)	QC Flag
23) t-Butyl Alcohol-d10	2.478(0.019)	513	65	186807(-6)	250.00	
66) Fluorobenzene	4.724(0.010)	1213	96	912537(-2)	50.00	
102) Chlorobenzene-d5	7.878(0.000)	2196	117	685293(-2)	50.00	
133) 1,4-Dichlorobenzene-d4	9.788(0.000)	2791	152	394546(-10)	50.00	

= RETENTION TIME OUT OF RANGE * = INTERNAL STANDARD OUT OF RANGE NC = NOT ABLE TO CALCULATE

Surrogate Standards	I.S. Ref.	RT (+/-RRT)	QIon	Area	Conc. (on column)	%Rec.	QC flags	QC Limits
48) Dibromofluoromethane	(1)	4.063(0.000)	113	222021	50.413	101%		80 - 116
57) 1,2-Dichloroethane-d4	(1)	4.384(0.000)	102	55274	45.427	91%		77 - 113
87) Toluene-d8	(2)	6.370(0.001)	98	899551	52.343	105%		80 - 113
115) 4-Bromofluorobenzene	(2)	8.902(0.000)	95	327945	49.630	99%		78 - 113

= RELATIVE RETENTION TIME OUT OF RANGE * = PERCENT REC.OUT OF RANGE D = DILUTED OUT NC = NOT ABLE TO CALCULATE

Target Compounds	I.S. Ref.	RT (+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Reporting Qual.	Limit	LOQ
2) Chloromethane	(1)				ND	ND			1.00	5.00
4) Vinyl Chloride	(1)				ND	ND			1.00	5.00
5) Bromomethane	(1)				ND	ND			1.00	5.00
6) Chloroethane	(1)				ND	ND			1.00	5.00
8) Trichlorofluoromethane	(1)				ND	ND			2.00	5.00
13) 1,1-Dichloroethene	(1)				ND	ND			0.80	5.00
22) Methylene Chloride	(1)				ND	ND			2.00	5.00
26) trans-1,2-Dichloroethene	(1)				ND	ND			0.80	5.00
40) 1,2-Dichloroethene (total)	(1)				ND	ND			0.80	5.00
30) 1,1-Dichloroethane	(1)				ND	ND			1.00	5.00
37) cis-1,2-Dichloroethene	(1)				ND	ND			0.80	5.00
46) Chloroform	(1)				ND	ND			0.80	5.00
50) 1,1,1-Trichloroethane	(1)				ND	ND			0.80	5.00
55) Carbon Tetrachloride	(1)				ND	ND			1.00	5.00
59) Benzene	(1)				ND	ND			0.50	5.00
61) 1,2-Dichloroethane	(1)				ND	ND			1.00	5.00
70) Trichloroethene	(1)	5.096(-0.002)	95	41905	8.988	8.99			1.00	5.00
73) 1,2-Dichloropropane	(1)				ND	ND			1.00	5.00
79) Bromodichloromethane	(1)				ND	ND			1.00	5.00
82) 2-Chloroethyl Vinyl Ether	(1)				ND	ND			2.00	10.00
83) cis-1,3-Dichloropropene	(1)				ND	ND			1.00	5.00
89) Toluene	(2)				ND	ND			0.70	5.00
91) trans-1,3-Dichloropropene	(2)				ND	ND			1.00	5.00
93) 1,1,2-Trichloroethane	(2)				ND	ND			0.80	5.00

E = CONC. OUT OF CAL. RANGE # = RELATIVE RETENTION TIME OUT OF RANGE

DC--1

Lancaster Laboratories
Quantitation Report GC/MS Volatiles

5136511

File: /chem2/HP09355.i/07aug28b.b/yg28s16.d
Sample: DC--1;5136511;1;0;;;;
Injected At:28-AUG-2007 17:37
Calibration Time: 20-JUL-2007 09:25
Target Method: Y8260W.m
Blank Reference: yg28b01.d
Sublist: CHEVE

Sample Concentration Formula: On-Column Amount * (Vt/Vo)
Batch:Y072401AA
Analyst:NRR01826
Instrument ID:HP09355.i
Standard Reference: yg28c04.d
Prep Factor:1.00
Units: ug/L

Matrix: WATER
Level: Low
Sample Wt./Vol.: 5.0000 ml (Vo)
Volume Purged: 5.0 ml (Vt)
Bottle Code:38A

Target Compounds	I.S. Ref.	RT	(+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit	LOQ
94) Tetrachloroethene	(2)					ND	ND			0.80	5.00
99) Dibromochloromethane	(2)					ND	ND			1.00	5.00
103) Chlorobenzene	(2)					ND	ND			0.80	5.00
105) Ethylbenzene	(2)					ND	ND			0.80	5.00
106) m+p-Xylene	(2)					ND	ND			0.80	5.00
107) Xylene (Total)	(2)					ND	ND			0.80	5.00
108) o-Xylene	(2)					ND	ND			0.80	5.00
110) Bromoform	(2)					ND	ND			1.00	5.00
118) 1,1,2,2-Tetrachloroethane	(3)					ND	ND			1.00	5.00
131) 1,3-Dichlorobenzene	(3)					ND	ND			1.00	5.00
134) 1,4-Dichlorobenzene	(3)					ND	ND			1.00	5.00
140) 1,2-Dichlorobenzene	(3)					ND	ND			1.00	5.00

E = CONC. OUT OF CAL. RANGE # = RELATIVE RETENTION TIME OUT OF RANGE

Comments:

Analyst: MSW 2109 Date: 8/31/07

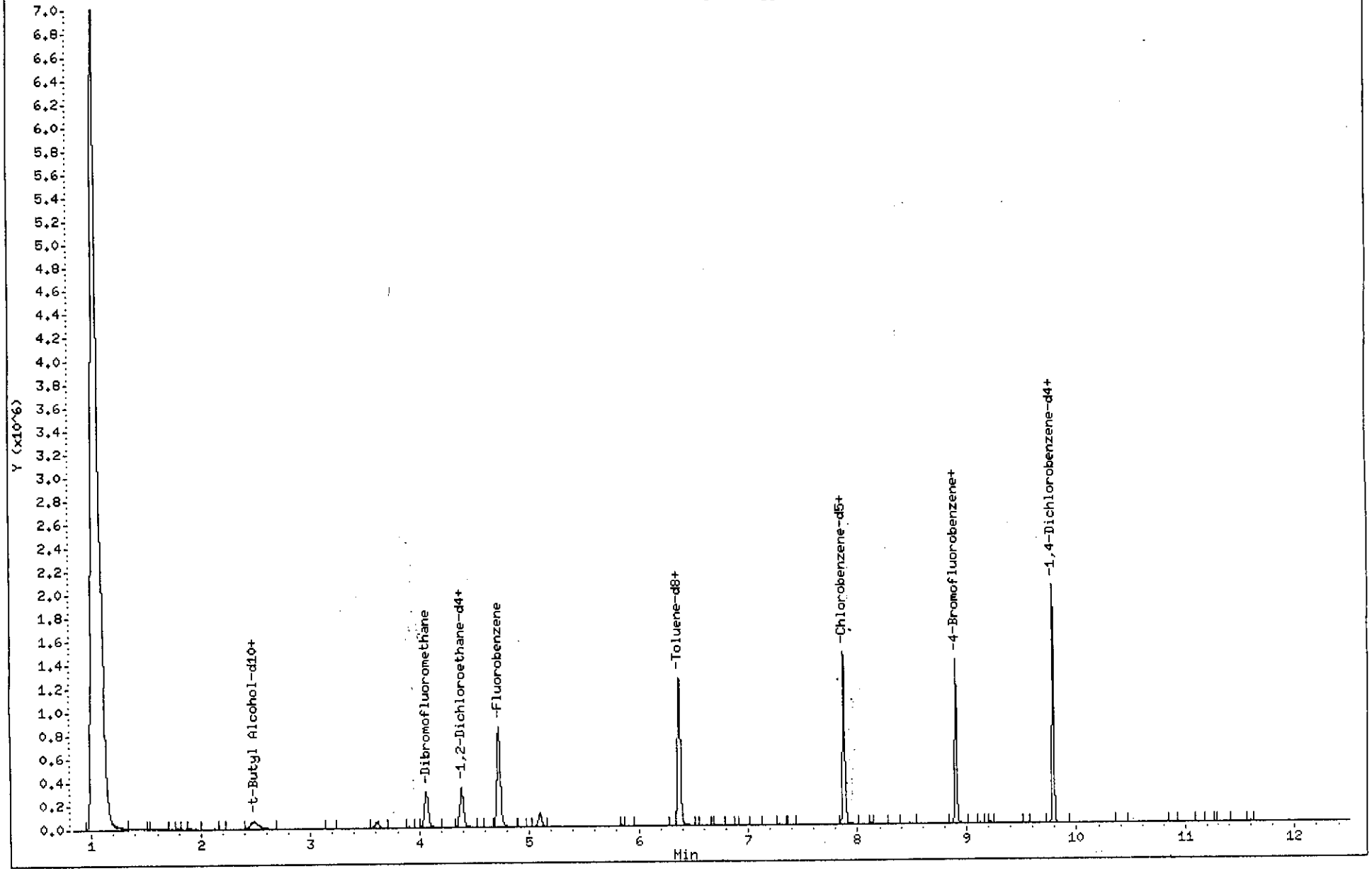
Auditor: 2RM 9/4/07

Data File: /chem2/HP09355.i/07aug28b.b/yg28s16.d
Date : 28-AUG-2007 17:37
Client ID: DC--1
Sample Info: DC--1;5136511;1;0;;;;
Purge Volume: 5.0
Column phase: DB-624

Instrument: HP09355.i

Operator: NRR01826
Column diameter: 0.18

/chem2/HP09355.i/07aug28b.b/yg28s16.d



Quant Report

Target Revision 3.5

Data File: /chem2/HP09355.i/07aug28b.b/yg28s16.d Instrument ID: HP09355.i
Injection date and time: 28-AUG-2007 17:37 Analyst ID: NRR01826

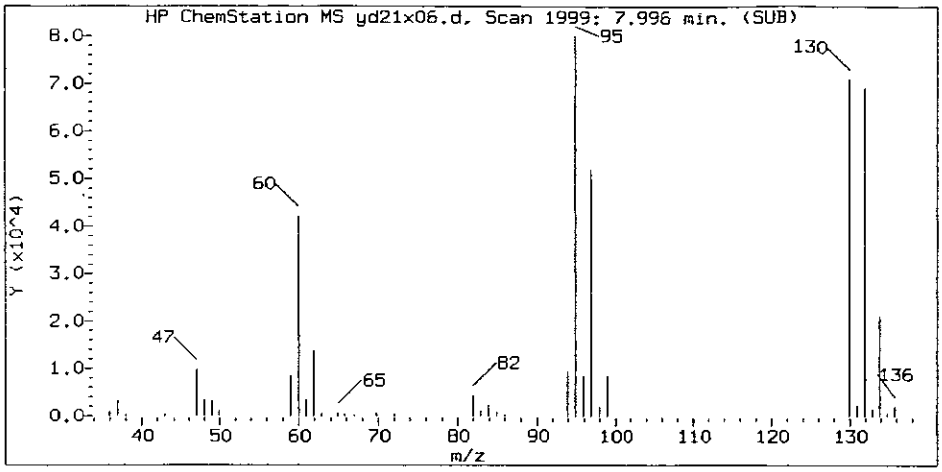
Method used: /chem2/HP09355.i/07aug28b.b/Y8260W.m Sublist used: CHEVE
Calibration date and time: 20-JUL-2007 09:25
Date, time and analyst ID of latest file update: 31-Aug-2007 16:26 msw02109

Sample Name: DC--1 Lab Sample ID: 5136511

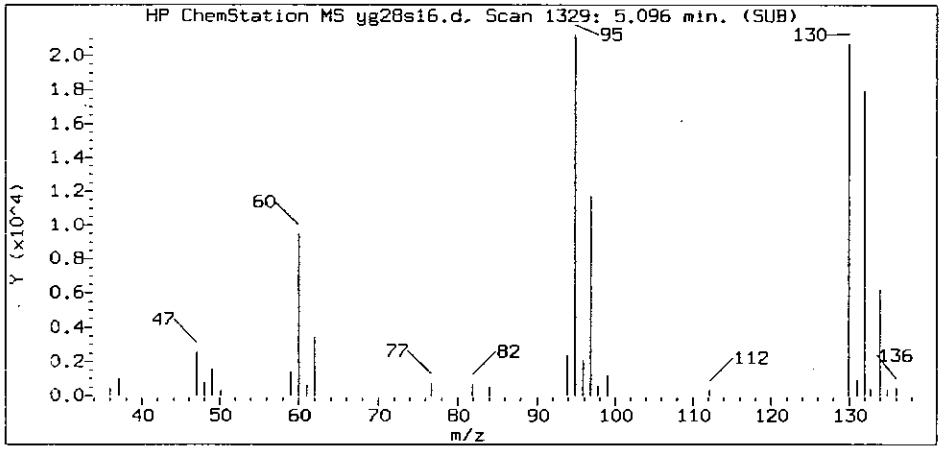
Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
23)*t-Butyl Alcohol-d10	(4)	2.478	65	186807	250.000
66)*Fluorobenzene	(1)	4.724	96	912537	50.000
70) Trichloroethene	(1)	5.096	95	41905	8.988
102)*Chlorobenzene-d5	(2)	7.878	117	685293	50.000
133)*1,4-Dichlorobenzene-d4	(3)	9.788	152	394546	50.000
48)$Dibromofluoromethane	(1)	4.063	113	222021	50.413
57)$1,2-Dichloroethane-d4	(1)	4.384	102	55274	45.427
87)$Toluene-d8	(2)	6.370	98	899551	52.343
115)$4-Bromofluorobenzene	(2)	8.902	95	327945	49.630

* = Compound is an internal standard.
$ = Compound is a surrogate standard.

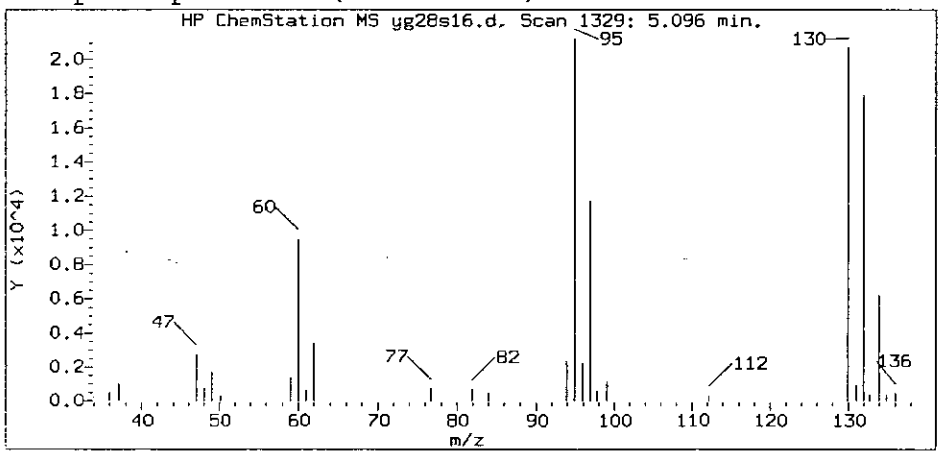
Reference Standard Spectrum for Trichloroethene

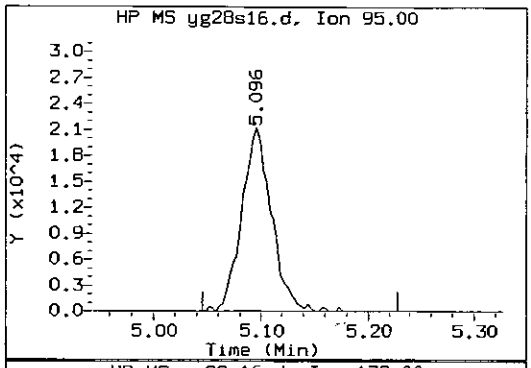


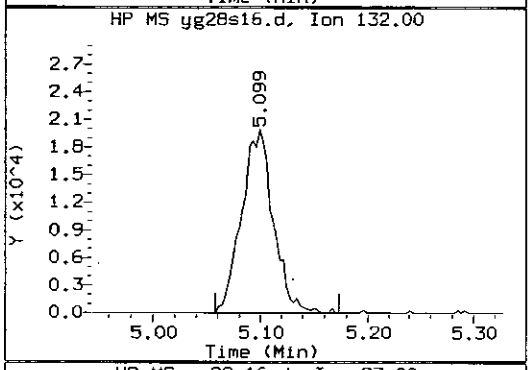
Sample Spectrum (Background Subtracted)

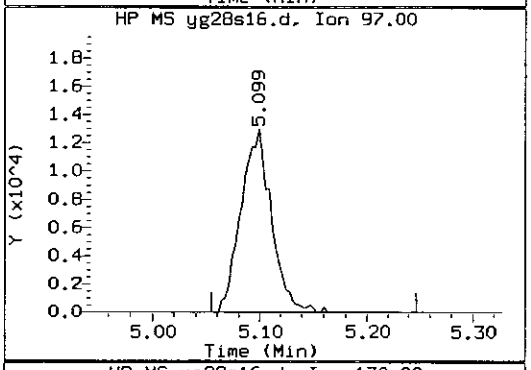


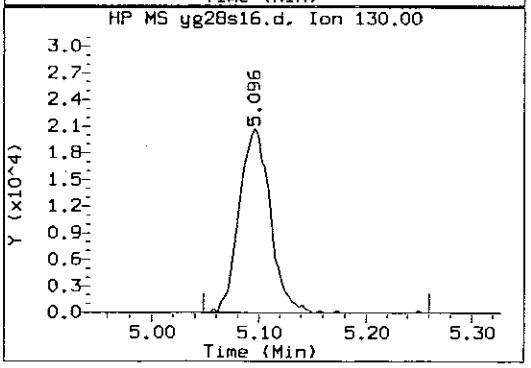
Sample Spectrum (Unaltered)











Data File: /chem2/HP09355.i/07aug28b.b/yg28s16.d Instrument ID: HP09355.i
Injection date and time: 28-AUG-2007 17:37 Analyst ID: NRR01826

Method used: /chem2/HP09355.i/07aug28b.b/Y8260W.m Sublist used: CHEVE
Calibration date and time: 28-AUG-2007 18:50
Date, time and analyst ID of latest file update: 28-Aug-2007 18:51 msw02109

Sample Name: DC--1 Lab Sample ID: 5136511

Compound Number	: 70
Compound Name	: Trichloroethene
Scan Number	: 1329
Retention Time (minutes)	: 5.096
Quant Ion	: 95.0
Area (flag)	: 41905
Concentration (ug/L)	: 8.9880

6157

Standards Data

6A

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Instrument ID: HP09355 Calibration Date(s): 08/22/07 08/22/07

Heated Purge: (Y/N) Y Calibration Times: 10:03 11:56

Matrix: (soil/water) WATER Level: (low/med) LOW GC Column: DB-624 ID: .18

LAB FILE ID: RRF 4 = yg22i06.d RRF 10= yg22i05.d RRF 20= yg22i04.d
RRF 50= yg22i03.d RRF100= yg22i02.d RRF300= yg22i01.d RRF =

COMPOUND	RRF 4	RRF 10	RRF 20	RRF 50	RRF100	RRF300	RRF	$\overline{RRF}$	% RSD	CAL. METHOD	
Dichlorodifluoromethane	0.3710	0.3590	0.3707	0.3516	0.3274	0.3332		0.3521	5	AVG	
Chloromethane	#0.4997	0.4900	0.4702	0.4595	0.4358	0.4274		0.4638	6	AVG	#
1,3-Butadiene	0.3724	0.3460	0.3174	0.3229	0.3150	0.3152		0.3315	7	AVG	
Vinyl Chloride	*0.4500	0.4444	0.4479	0.4344	0.4066	0.3975		0.4302	5	AVG	*
Bromomethane	0.2719	0.2603	0.2610	0.2530	0.2388	0.2350		0.2533	6	AVG	
Chloroethane	0.2692	0.2618	0.2510	0.2396	0.2256	0.2174		0.2441	8	AVG	
Trichlorofluoromethane	0.4825	0.4449	0.4505	0.4351	0.4024	0.4173		0.4388	6	AVG	
n-Pentane	0.4319	0.3945	0.4239	0.4185	0.3884	0.4130		0.4117	4	AVG	
Ethyl Ether	0.2830	0.2929	0.2864	0.2803	0.2737	0.2698		0.2810	3	AVG	
Acrolein	2.0678	2.3416	2.2572	2.2142	2.0745	2.1344		2.1816	5	AVG	
1,1-Dichloroethene	*0.2132	0.2107	0.2238	0.2213	0.2105	0.2107		0.2150	3	AVG	*
Freon 113	0.2164	0.2061	0.2154	0.2141	0.2025	0.2095		0.2107	3	AVG	
Acetone	0.1357	0.1456	0.1254	0.1351	0.1257	0.1330		0.1334	6	AVG	
Methyl Iodide	0.3948	0.4272	0.4434	0.4413	0.4231	0.4207		0.4251	4	AVG	
2-Propanol	0.7417	0.8309	0.8345	0.8027	0.8092	0.8089		0.8047	4	AVG	
Carbon Disulfide	0.7159	0.7687	0.8030	0.7960	0.7682	0.7769		0.7714	4	AVG	
Allyl Chloride	0.4766	0.4622	0.4601	0.4730	0.4504	0.4545		0.4628	2	AVG	
Methyl Acetate	0.3546	0.3377	0.3138	0.3264	0.3124	0.3153		0.3267	5	AVG	
Methylene Chloride	0.3266	0.2911	0.2818	0.2727	0.2613	0.2597		0.2822	9	AVG	
t-Butyl Alcohol	1.1734	1.1791	1.1515	1.1056	1.1077	1.1124		1.1383	3	AVG	
Acrylonitrile	0.1763	0.1795	0.1712	0.1717	0.1618	0.1680		0.1714	4	AVG	
trans-1,2-Dichloroethene	0.2345	0.2491	0.2490	0.2534	0.2453	0.2490		0.2467	3	AVG	
Methyl Tertiary Butyl Ether	0.8675	0.8754	0.8958	0.8932	0.8792	0.9134		0.8874	2	AVG	
n-Hexane	0.3577	0.3057	0.3453	0.3347	0.3125	0.3434		0.3332	6	AVG	
1,2-Dichloroethene (total)	0.2466	0.2596	0.2642	0.2690	0.2609	0.2670		0.2612	3	AVG	
1,1-Dichloroethane	#0.4509	0.4636	0.4842	0.4832	0.4642	0.4829		0.4715	3	AVG	#
di-Isopropyl Ether	0.9431	0.9708	1.0062	1.0010	0.9845	1.0295		0.9892	3	AVG	
2-Chloro-1,3-Butadiene	0.3316	0.3525	0.3837	0.3792	0.3684	0.3954		0.3685	6	AVG	
Ethyl t-Butyl Ether	0.8553	0.8563	0.8819	0.8958	0.8728	0.9283		0.8817	3	AVG	
cis-1,2-Dichloroethene	0.2587	0.2701	0.2794	0.2845	0.2765	0.2850		0.2757	4	AVG	
2-Butanone	0.2182	0.2203	0.2137	0.2220	0.2059	0.2209		0.2168	3	AVG	
2,2-Dichloropropane	0.3500	0.3614	0.3873	0.3892	0.3779	0.4040		0.3783	5	AVG	
Propionitrile	1.4561	1.4870	1.4860	1.4251	1.4348	1.5446		1.4722	3	AVG	
Methacrylonitrile	0.1561	0.1597	0.1619	0.1578	0.1570	0.1690		0.1603	3	AVG	
Bromochloromethane	0.1292	0.1374	0.1425	0.1458	0.1424	0.1484		0.1409	5	AVG	
Tetrahydrofuran	1.2654	1.3269	1.2442	1.2473	1.1852	1.2876		1.2594	4	AVG	
Chloroform	*0.4035	0.4220	0.4379	0.4394	0.4310	0.4618		0.4326	4	AVG	*
1,1,1-Trichloroethane	0.3491	0.3595	0.3671	0.3732	0.3660	0.3934		0.3681	4	AVG	
Cyclohexane	0.4218	0.4090	0.4375	0.4323	0.4088	0.4550		0.4274	4	AVG	
Cyclohexane (mz 84)	0.3481	0.3271	0.3480	0.3517	0.3349	0.3658		0.3459	4	AVG	
Cyclohexane (mz 69)	0.1178	0.1151	0.1246	0.1205	0.1180	0.1292		0.1209	4	AVG	
1,1-Dichloropropene	0.3433	0.3464	0.3613	0.3583	0.3465	0.3718		0.3546	3	AVG	
Carbon Tetrachloride	0.2989	0.3008	0.3185	0.3260	0.3146	0.3480		0.3178	6	AVG	
Isobutyl Alcohol	0.3624	0.3970	0.4003	0.3760	0.3836	0.4274		0.3911	6	AVG	
Benzene	1.0114	1.0349	1.0971	1.0930	1.0620	1.1408		1.0732	4	AVG	
1,2-Dichloroethane	0.3454	0.3560	0.3625	0.3572	0.3600	0.3894		0.3618	4	AVG	
1,2-Dichloroethane (mz 98)	0.0337	0.0325	0.0346	0.0353	0.0340	0.0360		0.0343	4	AVG	
t-Amyl Methyl Ether	0.8029	0.8218	0.8528	0.8530	0.8500	0.9067		0.8479	4	AVG	
n-Heptane	0.4269	0.3247	0.3842	0.3564	0.3364	0.4024		0.3719	11	AVG	
n-Butanol	0.2958	0.3267	0.3338	0.3261	0.3282	0.3678		0.3297	7	AVG	
Trichloroethene	0.2323	0.2461	0.2621	0.2605	0.2569	0.2747		0.2555	6	AVG	
1,2-Dichloropropane	*0.2832	0.2746	0.2965	0.2970	0.2915	0.3126		0.2925	4	AVG	*

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Minimum RRF for SPCC(#) = 0.10
(0.30 for Chlorobenzene, 1,1,2,2-Tetrachloroethane)
Maximum %RSD for CCC(*) = 30%

6A

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Instrument ID: HP09355 Calibration Date(s): 08/22/07 08/22/07

Heated Purge: (Y/N) Y Calibration Times: 10:03 11:56

Matrix: (soil/water) WATER Level: (low/med) LOW GC Column: DB-624 ID: .18

LAB FILE ID: RRF 4 = yg22i06.d RRF 10= yg22i05.d RRF 20= yg22i04.d
RRF 50= yg22i03.d RRF100= yg22i02.d RRF300= yg22i01.d RRF =

COMPOUND	RRF 4	RRF 10	RRF 20	RRF 50	RRF100	RRF300	RRF	$\overline{RRF}$	% RSD	CAL. METHOD	
Methylcyclohexane (mz98)	0.1951	0.1718	0.1807	0.1841	0.1745	0.1948		0.1835	5	AVG	
Methylcyclohexane	0.4101	0.3697	0.3957	0.3955	0.3738	0.4238		0.3947	5	AVG	
Methyl Methacrylate	0.2319	0.2428	0.2484	0.2577	0.2599	0.2860		0.2544	7	AVG	
Dibromomethane	0.1636	0.1710	0.1751	0.1776	0.1752	0.1879		0.1751	5	AVG	
1,4-Dioxane	0.0829	0.0898	0.0997	0.1013	0.1008	0.1135		0.0980	11	AVG	
Bromodichloromethane	0.2872	0.3133	0.3254	0.3337	0.3333	0.3671		0.3266	8	AVG	
2-Nitropropane	0.0927	0.0974	0.0950	0.1032	0.0975	0.1116		0.0996	7	AVG	
2-Chloroethyl Vinyl Ether	0.2065	0.2185	0.2193	0.2184	0.2269	0.2439		0.2223	6	AVG	
cis-1,3-Dichloropropene	0.3874	0.4181	0.4544	0.4653	0.4678	0.5050		0.4497	9	AVG	
4-Methyl-2-Pentanone	0.4125	0.4522	0.4461	0.4949	0.4408	0.4864		0.4555	7	AVG	
Toluene	*0.8076	0.8710	0.8939	0.9122	0.8991	0.9343		0.8863	5	AVG	*
trans-1,3-Dichloropropene	0.4913	0.5466	0.5544	0.5802	0.5801	0.6126		0.5609	7	AVG	
Ethyl Methacrylate	0.5223	0.5459	0.5758	0.6053	0.6172	0.6493		0.5860	8	AVG	
1,1,2-Trichloroethane	0.3360	0.3426	0.3473	0.3379	0.3404	0.3497		0.3423	2	AVG	
Tetrachloroethene	0.4079	0.4042	0.3993	0.3941	0.3885	0.4057		0.3999	2	AVG	
1,3-Dichloropropane	0.5859	0.6005	0.6060	0.6170	0.6122	0.6393		0.6101	3	AVG	
2-Hexanone	0.4017	0.4276	0.4170	0.4985	0.4123	0.4414		0.4331	8	AVG	
Dibromochloromethane	0.3308	0.3431	0.3652	0.3766	0.3820	0.4049		0.3671	7	AVG	
1,2-Dibromoethane	0.3293	0.3697	0.3727	0.3693	0.3730	0.3927		0.3678	6	AVG	
Chlorobenzene	#0.9651	1.0173	1.0202	1.0381	1.0291	1.0954		1.0275	4	AVG	#
1,1,1,2-Tetrachloroethane	0.3333	0.3426	0.3677	0.3731	0.3705	0.3973		0.3641	6	AVG	
Ethylbenzene	*1.6477	1.6641	1.7175	1.7700	1.7615	1.8841		1.7408	5	AVG	*
m+p-Xylene	0.6333	0.6611	0.6800	0.7033	0.7004	0.7714		0.6916	7	AVG	
Xylene (Total)	0.6315	0.6647	0.6802	0.6965	0.6993	0.7653		0.6896	6	AVG	
o-Xylene	0.6278	0.6718	0.6807	0.6831	0.6971	0.7532		0.6856	6	AVG	
Styrene	1.0053	1.0568	1.1246	1.1759	1.1975	1.3245		1.1474	10	AVG	
Bromoform	#0.2799	0.3025	0.3107	0.3263	0.3341	0.3687		0.3204	9	AVG	#
Isopropylbenzene	1.6534	1.6344	1.7195	1.7748	1.7821	1.9261		1.7484	6	AVG	
Cyclohexanone	0.3636	0.3943	0.3861	0.3979	0.4021	0.4602		0.4007	8	AVG	
1,1,2,2-Tetrachloroethane	#0.9510	0.9527	0.9468	0.9735	0.9828	0.9842		0.9651	2	AVG	#
trans-1,4-Dichloro-2-Butene	0.2897	0.2961	0.2925	0.3018	0.3042	0.3169		0.3002	3	AVG	
Bromobenzene	0.7570	0.7814	0.7609	0.7957	0.7894	0.7950		0.7799	2	AVG	
1,2,3-Trichloropropane	0.2439	0.2762	0.2743	0.2772	0.2838	0.2813		0.2728	5	AVG	
n-Propylbenzene	3.5064	3.4242	3.4539	3.6082	3.5945	3.3701		3.4929	3	AVG	
2-Chlorotoluene	0.7485	0.7214	0.7140	0.7371	0.7285	0.7452		0.7325	2	AVG	
1,3,5-Trimethylbenzene	2.4606	2.4096	2.4374	2.5835	2.6032	2.7261		2.5367	5	AVG	
4-Chlorotoluene	0.7248	0.7689	0.7342	0.7631	0.7693	0.8065		0.7611	4	AVG	
tert-Butylbenzene	0.5931	0.5772	0.5875	0.6025	0.6046	0.6294		0.5990	3	AVG	
Pentachloroethane	0.4839	0.5197	0.5016	0.5338	0.5357	0.5675		0.5237	6	AVG	
1,2,4-Trimethylbenzene	2.4391	2.4714	2.5407	2.6836	2.6671	2.7509		2.5921	5	AVG	
sec-Butylbenzene	3.2499	3.0516	3.2705	3.3556	3.3325	3.2087		3.2448	3	AVG	
p-Isopropyltoluene	2.8225	2.6804	2.8560	2.9447	2.9642	2.9548		2.8705	4	AVG	
1,3-Dichlorobenzene	1.4935	1.4606	1.5028	1.5250	1.5285	1.5836		1.5157	3	AVG	
1,4-Dichlorobenzene	1.5737	1.5762	1.5556	1.5692	1.5953	1.6720		1.5903	3	AVG	
1,2,3-Trimethylbenzene	2.5120	2.6769	2.5524	2.7138	2.7148	2.7512		2.6535	4	AVG	
Benzyl Chloride	1.8141	1.9636	2.0321	2.1863	2.2623	2.3766		2.1058	10	AVG	
1,3-Diethylbenzene	1.6181	1.6516	1.5703	1.7063	1.6872	1.7716		1.6675	4	AVG	
1,4-Diethylbenzene	1.5845	1.6068	1.5788	1.6590	1.6682	1.7650		1.6437	4	AVG	
n-Butylbenzene	1.4735	1.3863	1.4281	1.4881	1.4883	1.6272		1.4819	6	AVG	
1,2-Dichlorobenzene	1.4666	1.4781	1.4725	1.5288	1.5323	1.6531		1.5219	5	AVG	
1,2-Diethylbenzene	1.5247	1.6047	1.5490	1.6501	1.6468	1.7010		1.6127	4	AVG	
1,2-Dibromo-3-Chloropropane	0.2067	0.1979	0.1928	0.2158	0.2161	0.2199		0.2082	5	AVG	

Minimum RRF for SPCC(#) = 0.10
(0.30 for Chlorobenzene, 1,1,2,2-Tetrachloroethane)
Maximum %RSD for CCC(*) = 30%

6A

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Instrument ID: HP09355 Calibration Date(s): 08/22/07 08/22/07

Heated Purge: (Y/N) Y Calibration Times: 10:03 11:56

Matrix: (soil/water) WATER Level: (low/med) LOW GC Column: DB-624 ID: .18

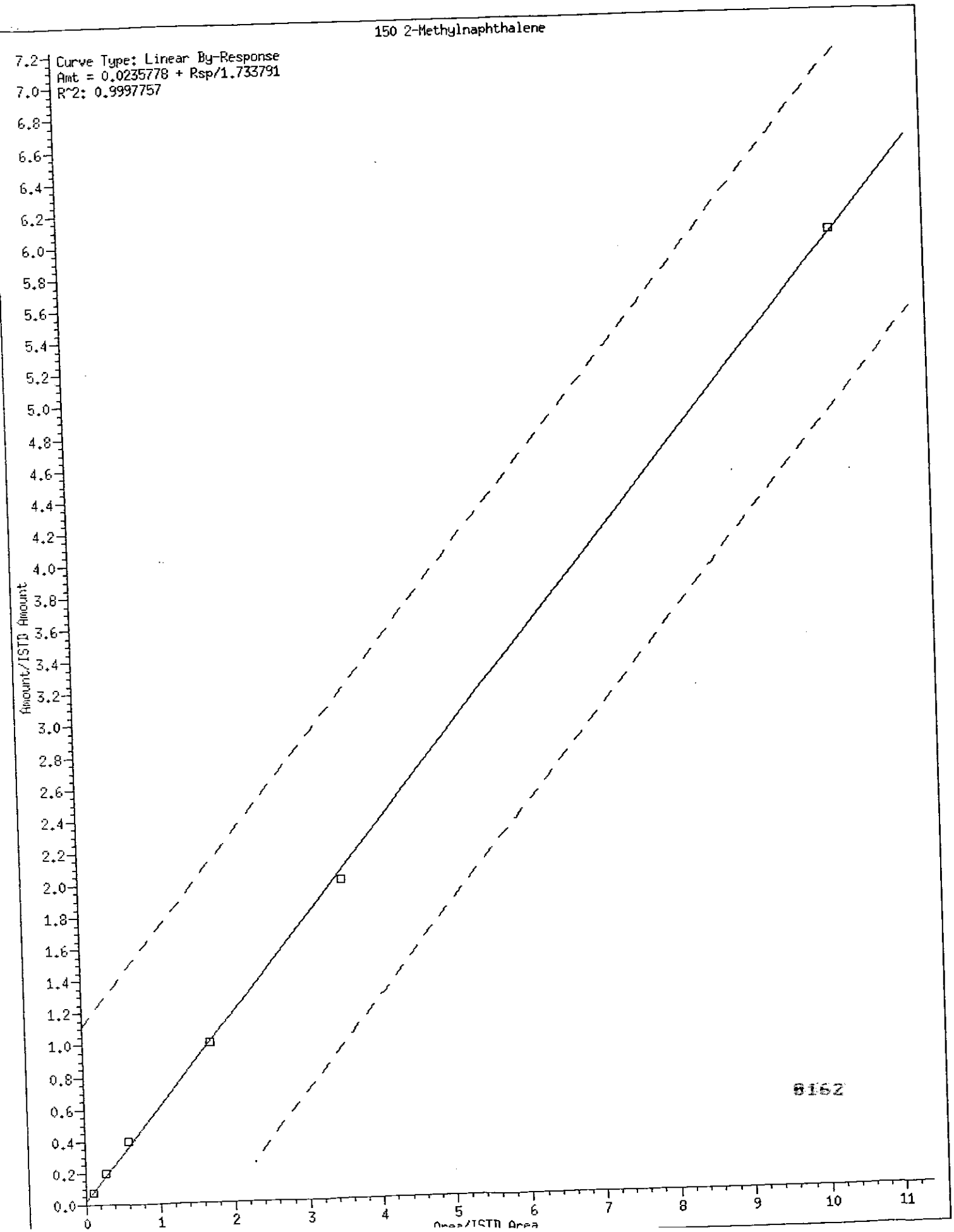
LAB FILE ID: RRF 4 = yg22i06.d RRF 10= yg22i05.d RRF 20= yg22i04.d
RRF 50= yg22i03.d RRF100= yg22i02.d RRF300= yg22i01.d RRF =

COMPOUND	RRF 4	RRF 10	RRF 20	RRF 50	RRF100	RRF300	RRF	$\overline{RRF}$	% RSD	CAL. METHOD
1,2,4-Trichlorobenzene	1.1427	1.1477	1.1612	1.2064	1.2039	1.2244		1.1810	3	AVG
Hexachlorobutadiene	0.5851	0.4872	0.5384	0.4958	0.4798	0.5003		0.5144	8	AVG
Naphthalene	2.9941	3.1849	3.2455	3.4504	3.5310	3.2091		3.2692	6	AVG
1,2,3-Trichlorobenzene	1.1131	1.1119	1.1189	1.1410	1.1428	1.1424		1.1284	1	AVG
2-Methylnaphthalene	1.1507	1.4037	1.4783	1.7154	1.7659	1.7211		1.5392	16	1STDEG
Dibromofluoromethane	0.2309	0.2264	0.2457	0.2443	0.2438	0.2568		0.2413	5	AVG
1,2-Dichloroethane-d4	0.0756	0.0611	0.0681	0.0658	0.0631	0.0663		0.0667	8	AVG
Dibromofluoromethane(mz111)	0.2355	0.2272	0.2540	0.2523	0.2499	0.2600		0.2465	5	AVG
1,2-Dichloroethane-d4(mz104)	0.0350	0.0365	0.0421	0.0403	0.0397	0.0425		0.0393	8	AVG
Toluene-d8(mz100)	0.7665	0.7361	0.8655	0.8345	0.8365	0.8473		0.8144	6	AVG
4-Bromofluorobenzene(mz174)	0.4226	0.4189	0.4598	0.4475	0.4539	0.4882		0.4485	6	AVG
Toluene-d8	1.1861	1.1330	1.3103	1.2877	1.2909	1.3155		1.2539	6	AVG
4-Bromofluorobenzene	0.4730	0.4499	0.4847	0.4760	0.4870	0.5222		0.4821	5	AVG

Average %RSD 5

Minimum RRF for SPCC(#) = 0.10
(0.30 for Chlorobenzene, 1,1,2,2-Tetrachloroethane)
Maximum %RSD for CCC(*) = 30%

NPR IRC 8/23/99



Internal Standard Area and Retention Time Summary

Initial Calibration Standards:

/chem2/HP09355.i/07aug22b.b/yg22i01.d VSTD300
/chem2/HP09355.i/07aug22b.b/yg22i02.d VSTD100
/chem2/HP09355.i/07aug22b.b/yg22i03.d VSTD050
/chem2/HP09355.i/07aug22b.b/yg22i04.d VSTD020
/chem2/HP09355.i/07aug22b.b/yg22i05.d VSTD010
/chem2/HP09355.i/07aug22b.b/yg22i06.d VSTD004

Area Summary

File ID:

Internal Standard Name	yg22i01.d	yg22i02.d	yg22i03.d	yg22i04.d	yg22i05.d	yg22i06.d	Avg. Area	%RSD	In Spec
t-Butyl Alcohol-d10	213307	244583	250237	235675	238788	240191	237130	5	Yes
Fluorobenzene	1026586	1159634	1170851	1149509	1153002	1104902	1127414	5	Yes
Chlorobenzene-d5	815838	870842	878913	862175	852783	820589	850190	3	Yes
1,4-Dichlorobenzene-d4	531529	524870	527774	525854	504448	496141	518436	3	Yes

%RSD of internal standard area is flagged out of spec if greater than 30.

RT Summary

File ID:

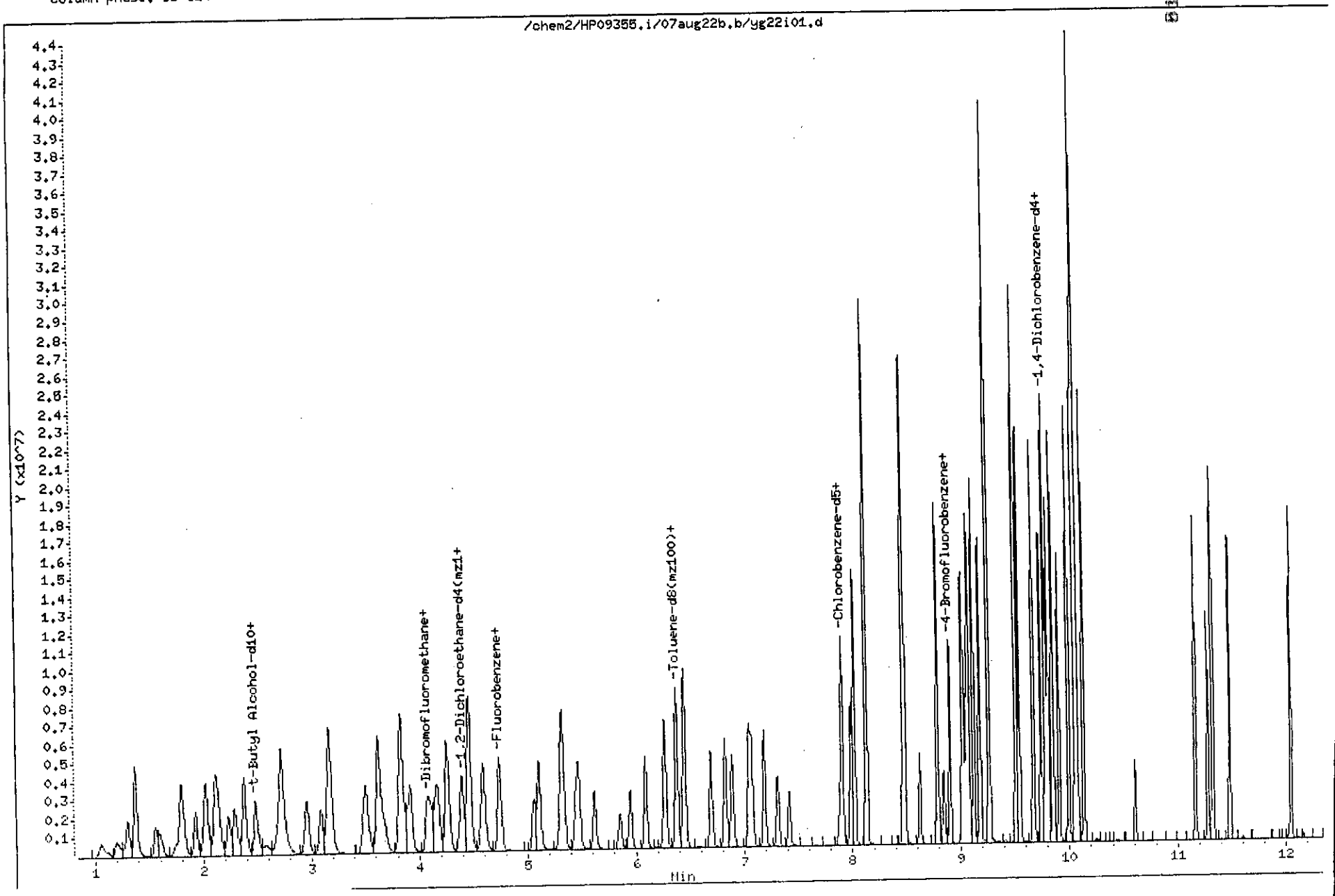
Internal Standard Name	yg22i01.d	yg22i02.d	yg22i03.d	yg22i04.d	yg22i05.d	yg22i06.d	Avg. RT
t-Butyl Alcohol-d10	2.507	2.497	2.497	2.487	2.497	2.503	2.498
Fluorobenzene	4.731	4.733	4.734	4.730	4.730	4.734	4.732
Chlorobenzene-d5	7.882	7.878	7.878	7.878	7.878	7.878	7.879
1,4-Dichlorobenzene-d4	9.788	9.787	9.788	9.788	9.788	9.788	9.788

* indicates the retention time is greater than 30 seconds from the average RT.

Data File: /chem2/HP09355.i/07aug22b.b/yg22i01.d
Date : 22-AUG-2007 10:03
Client ID: VSTD300
Sample Info: VSTD300;VSTD300;1;1;;;;
Purge Volume: 5.0
Column phase: DB-624

NRR 1826 8/22/07

Instrument: HP09355.i
Operator: NRR01826
Column diameter: 0.18



Quant Report

Target Revision 3.5

Data File: /chem2/HP09355.i/07aug22b.b/yg22i01.d Instrument ID: HP09355.i
Injection date and time: 22-AUG-2007 10:03 Analyst ID: NRR01826

Method used: /chem2/HP09355.i/07aug22b.b/Y8260W.m Sublist used: 8260WIICAL
Calibration date and time: 22-AUG-2007 10:03
Date, time and analyst ID of latest file update: 22-Aug-2007 12:00 nrr01826

Sample Name: VSTD300 Lab Sample ID: VSTD300

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
1) Dichlorodifluoromethane	(1)	1.198	85	2052583	286.946
2) Chloromethane	(1)	1.300	50	2632852	280.856
3) 1,3-Butadiene	(1)	1.364	39	1941377	292.483
4) Vinyl Chloride	(1)	1.377	62	2448504	279.826
5) Bromomethane	(1)	1.557	94	1447551	282.423
6) Chloroethane	(1)	1.599	64	1339113	272.815
8) Trichlorofluoromethane	(1)	1.807	101	2570101	264.551
7) n-Pentane	(1)	1.798	43	2544003	303.918
10) Ethyl Ether	(1)	1.926	59	1662013	288.464
11) Acrolein	(4)	2.022	56	5463272	2904.708
13) 1,1-Dichloroethene	(1)	2.112	96	1297850	293.465
15) Freon 113	(1)	2.135	101	1290275	299.949
14) Acetone	(1)	2.128	43	1639012M	545.590
16) Methyl Iodide	(1)	2.231	142	2591382	292.740
17) 2-Propanol	(4)	2.231	45	1035237	1484.645
18) Carbon Disulfide	(1)	2.289	76	4785578	297.845
20) Allyl Chloride	(1)	2.375	41	2799708	296.403
21) Methyl Acetate	(1)	2.382	43	1942396	294.594
22) Methylene Chloride	(1)	2.481	84	1599577	285.058
23)*t-Butyl Alcohol-d10	(4)	2.507	65	213307	250.000
24) t-Butyl Alcohol	(4)	2.581	59	1423644	1451.061
25) Acrylonitrile	(1)	2.680	53	1034952	295.757
26) trans-1,2-Dichloroethene	(1)	2.712	96	1533634	299.792
27) Methyl Tertiary Butyl Ether	(1)	2.728	73	5625915	307.401
29) n-Hexane	(1)	2.953	57	2115035	313.760
40) 1,2-Dichloroethene (total)	(1)		96	3288964	606.119
30) 1,1-Dichloroethane	(1)	3.081	63	2974727	304.614
32) di-Isopropyl Ether	(1)	3.161	45	6341307	309.347
33) 2-Chloro-1,3-Butadiene	(1)	3.168	53	2435759	315.633
36) Ethyl t-Butyl Ether	(1)	3.501	59	5717733	313.959
37) cis-1,2-Dichloroethene	(1)	3.620	96	1755330	306.327
38) 2-Butanone	(1)	3.627	43	2721733	612.117
39) 2,2-Dichloropropane	(1)	3.630	77	2488326	315.631
41) Propionitrile	(4)	3.678	54	1976823	1570.241

M = Compound was manually integrated.

* = Compound is an internal standard.

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Quant Report

Target Revision 3.5

Data File: /chem2/HP09355.i/07aug22b.b/yg22i01.d Instrument ID: HP09355.i
Injection date and time: 22-AUG-2007 10:03 Analyst ID: NRR01826

Method used: /chem2/HP09355.i/07aug22b.b/Y8260W.m Sublist used: 8260WIICAL
Calibration date and time: 22-AUG-2007 10:03
Date, time and analyst ID of latest file update: 22-Aug-2007 12:00 nrr01826

Sample Name: VSTD300 Lab Sample ID: VSTD300

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
43) Methacrylonitrile	(1)	3.826	67	2602763	786.927
44) Bromochloromethane	(1)	3.845	128	913841	310.590
45) Tetrahydrofuran	(4)	3.887	71	659190	614.016
46) Chloroform	(1)	3.922	83	2844321	315.983
50) 1,1,1-Trichloroethane	(1)	4.108	97	2423287	317.404
51) Cyclohexane	(1)	4.163	56	2802312	318.525
52) Cyclohexane (mz 84)	(1)	4.169	84	2252934	307.588
53) Cyclohexane (mz 69)	(1)	4.166	69	795793	319.104
54) 1,1-Dichloropropene	(1)	4.259	75	2290082	312.563
55) Carbon Tetrachloride	(1)	4.268	117	2143742	324.675
56) Isobutyl Alcohol	(4)	4.390	41	1367392	4038.207
59) Benzene	(1)	4.458	78	7027054	315.281
61) 1,2-Dichloroethane	(1)	4.471	62	2398746	320.054
60) 1,2-Dichloroethane (mz 98)	(1)	4.477	98	221664	313.265
64) t-Amyl Methyl Ether	(1)	4.589	73	5584676	317.439
67) n-Heptane	(1)	4.740	43	2478841	334.581
66) *Fluorobenzene	(1)	4.731	96	1026586	50.000
69) n-Butanol	(4)	5.058	56	2353570	8197.397
70) Trichloroethene	(1)	5.103	95	1691811	316.822
73) 1,2-Dichloropropane	(1)	5.327	63	1925218	318.478
71) Methylcyclohexane (mz98)	(1)	5.305	98	1199957	322.531
72) Methylcyclohexane	(1)	5.308	83	2610209	324.575
75) Methyl Methacrylate	(1)	5.469	69	1761510	331.305
74) Dibromomethane	(1)	5.443	93	1157509	317.854
76) 1,4-Dioxane	(4)	5.469	88	363029	4212.340
79) Bromodichloromethane	(1)	5.616	83	2261016	329.166
81) 2-Nitropropane	(1)	5.854	41	1375013	663.522
82) 2-Chloroethyl Vinyl Ether	(1)	5.950	63	1502465	324.644
83) cis-1,3-Dichloropropene	(1)	6.091	75	3110582	327.841
84) 4-Methyl-2-Pentanone	(1)	6.271	43	5991507	628.819
89) Toluene	(2)	6.450	92	4573520	310.711
91) trans-1,3-Dichloropropene	(2)	6.694	75	2998873	319.745
92) Ethyl Methacrylate	(2)	6.826	69	3178508	325.380
93) 1,1,2-Trichloroethane	(2)	6.890	97	1711892	305.365

* = Compound is an internal standard.

Quant Report

Target Revision 3.5

Data File: /chem2/HP09355.i/07aug22b.b/yg22i01.d Instrument ID: HP09355.i
Injection date and time: 22-AUG-2007 10:03 Analyst ID: NRR01826

Method used: /chem2/HP09355.i/07aug22b.b/Y8260W.m Sublist used: 8260WIICAL
Calibration date and time: 22-AUG-2007 10:03
Date, time and analyst ID of latest file update: 22-Aug-2007 12:00 nrr01826

Sample Name: VSTD300 Lab Sample ID: VSTD300

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
94) Tetrachloroethene	(2)	7.044	166	1985950	305.532
95) 1,3-Dichloropropane	(2)	7.070	76	3129181	311.843
97) 2-Hexanone	(2)	7.185	43	4321184	602.753
99) Dibromochloromethane	(2)	7.307	129	1982204	324.507
101) 1,2-Dibromoethane	(2)	7.413	107	1922162	313.734
102) *Chlorobenzene-d5	(2)	7.882	117	815838	50.000
103) Chlorobenzene	(2)	7.907	112	5362083	315.978
104) 1,1,1,2-Tetrachloroethane	(2)	7.991	131	1944620	321.897
105) Ethylbenzene	(2)	8.023	91	9222910	321.264
106) m+p-Xylene	(2)	8.132	106	7552027	658.152
107) Xylene (Total)	(2)		106	11238724	982.245
108) o-Xylene	(2)	8.479	106	3686697	324.094
109) Styrene	(2)	8.488	104	6483226	337.914
110) Bromoform	(2)	8.629	173	1804990	336.769
112) Isopropylbenzene	(4)	8.793	105	9428078	326.935
114) Cyclohexanone	(3)	8.848	55	1472523	4228.710
118) 1,1,2,2-Tetrachloroethane	(3)	9.030	83	3138642	305.011
120) trans-1,4-Dichloro-2-Butene	(3)	9.079	53	2526745M	778.669
117) Bromobenzene	(3)	9.018	156	2535300	304.009
119) 1,2,3-Trichloropropane	(3)	9.056	110	897177	302.993
121) n-Propylbenzene	(3)	9.127	91	10747937	289.679
122) 2-Chlorotoluene	(3)	9.181	126	2376671	306.572
123) 1,3,5-Trimethylbenzene	(3)	9.261	105	8693917	320.469
124) 4-Chlorotoluene	(3)	9.265	126	2571944	314.868
127) tert-Butylbenzene	(3)	9.509	134	2007185	314.567
128) Pentachloroethane	(3)	9.512	167	1809828	320.228
129) 1,2,4-Trimethylbenzene	(3)	9.544	105	8773164	314.661
130) sec-Butylbenzene	(3)	9.672	105	10233134	296.756
132) p-Isopropyltoluene	(3)	9.781	119	9423443	307.789
131) 1,3-Dichlorobenzene	(3)	9.743	146	5050357	312.529
133) *1,4-Dichlorobenzene-d4	(3)	9.788	152	531529	50.000
134) 1,4-Dichlorobenzene	(3)	9.807	146	5332307	314.748
135) 1,2,3-Trimethylbenzene	(3)	9.849	105	8773933	307.757
136) Benzyl Chloride	(3)	9.906	91	7579381	329.448

M = Compound was manually integrated.

* = Compound is an internal standard.

Quant Report

Target Revision 3.5

Data File: /chem2/HP09355.i/07aug22b.b/yg22i01.d Instrument ID: HP09355.i
Injection date and time: 22-AUG-2007 10:03 Analyst ID: NRR01826

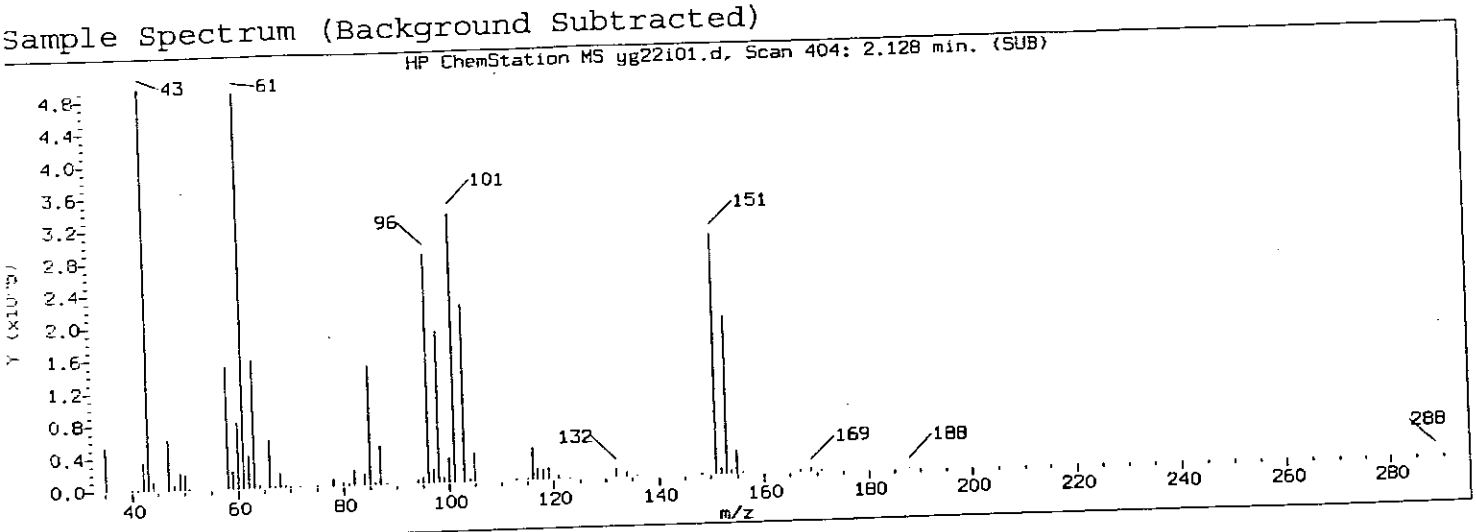
Method used: /chem2/HP09355.i/07aug22b.b/Y8260W.m Sublist used: 8260WIICAL
Calibration date and time: 22-AUG-2007 10:03
Date, time and analyst ID of latest file update: 22-Aug-2007 12:00 nrr01826

Sample Name: VSTD300 Lab Sample ID: VSTD300

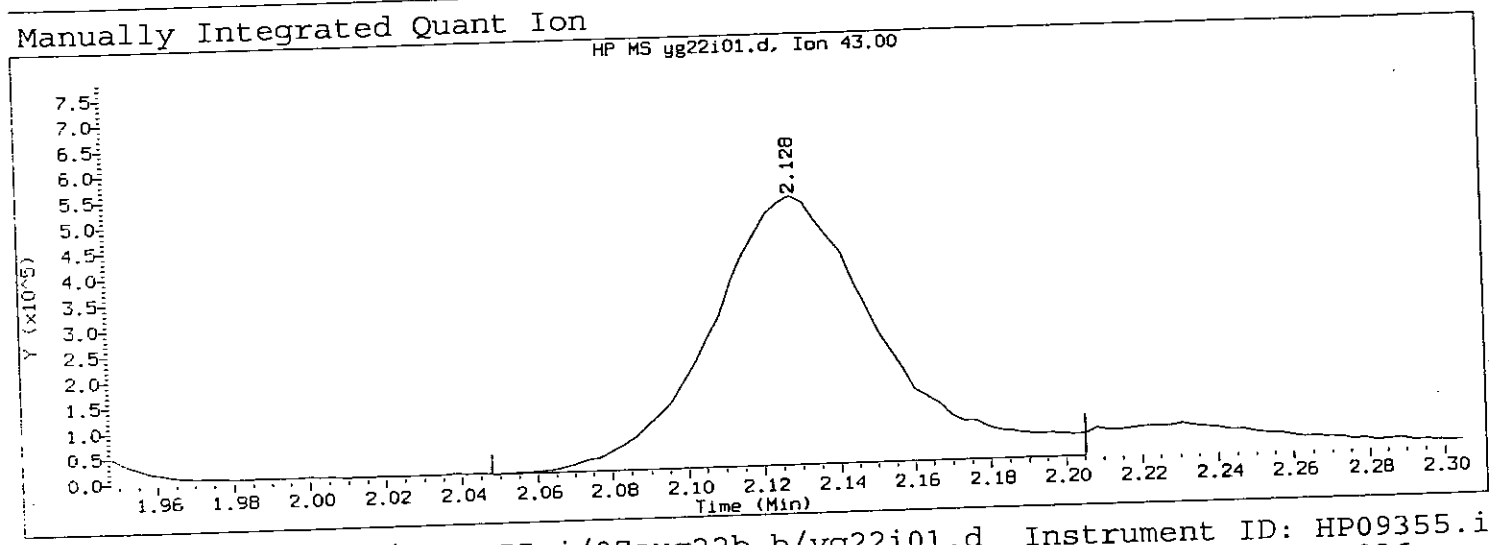
Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
137) 1,3-Diethylbenzene	(3)	9.993	105	5649972	316.847
138) 1,4-Diethylbenzene	(3)	10.054	105	5628761	319.825
139) n-Butylbenzene	(3)	10.070	92	5189557	329.040
140) 1,2-Dichlorobenzene	(3)	10.073	146	5272171	323.522
141) 1,2-Diethylbenzene	(3)	10.134	105	5424893	313.006
143) 1,2-Dibromo-3-Chloropropane	(3)	10.606	75	701280	316.414
145) 1,2,4-Trichlorobenzene	(3)	11.164	180	3904683	308.994
146) Hexachlorobutadiene	(3)	11.277	225	1595675	300.024
147) Naphthalene	(3)	11.328	128	10234493	289.616
148) 1,2,3-Trichlorobenzene	(3)	11.482	180	3643397	302.923
150) 2-Methylnaphthalene	(3)	12.044	142	5488780	318.015
48) $Dibromofluoromethane	(1)	4.073	113	1582041	316.582
57) $1,2-Dichloroethane-d4	(1)	4.397	102	408476	303.524
49) $Dibromofluoromethane(mz111)	(1)	4.073	111	1601517	313.677
58) $1,2-Dichloroethane-d4(mz104)	(1)	4.400	104	261697	316.924
86) $Toluene-d8(mz100)	(2)	6.380	100	4147675	308.495
116) $4-Bromofluorobenzene(mz174)	(2)	8.905	174	2389702	322.834
87) $Toluene-d8	(2)	6.380	98	6439170	311.361
115) $4-Bromofluorobenzene	(2)	8.905	95	2556009	323.694

$ = Compound is a surrogate standard.

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem2/HP09355.i/07aug22b.b/yg22i01.d Instrument ID: HP09355.i
Injection date and time: 22-AUG-2007 10:03 Analyst ID: NRR01826

Method used: /chem2/HP09355.i/07aug22b.b/Y8260W.m Sublist used: 8260WIICAL
Calibration date and time: 22-AUG-2007 11:22
Date, time and analyst ID of latest file update: 22-Aug-2007 12:00 nrr01826

Sample Name: VSTD300 Lab Sample ID: VSTD300

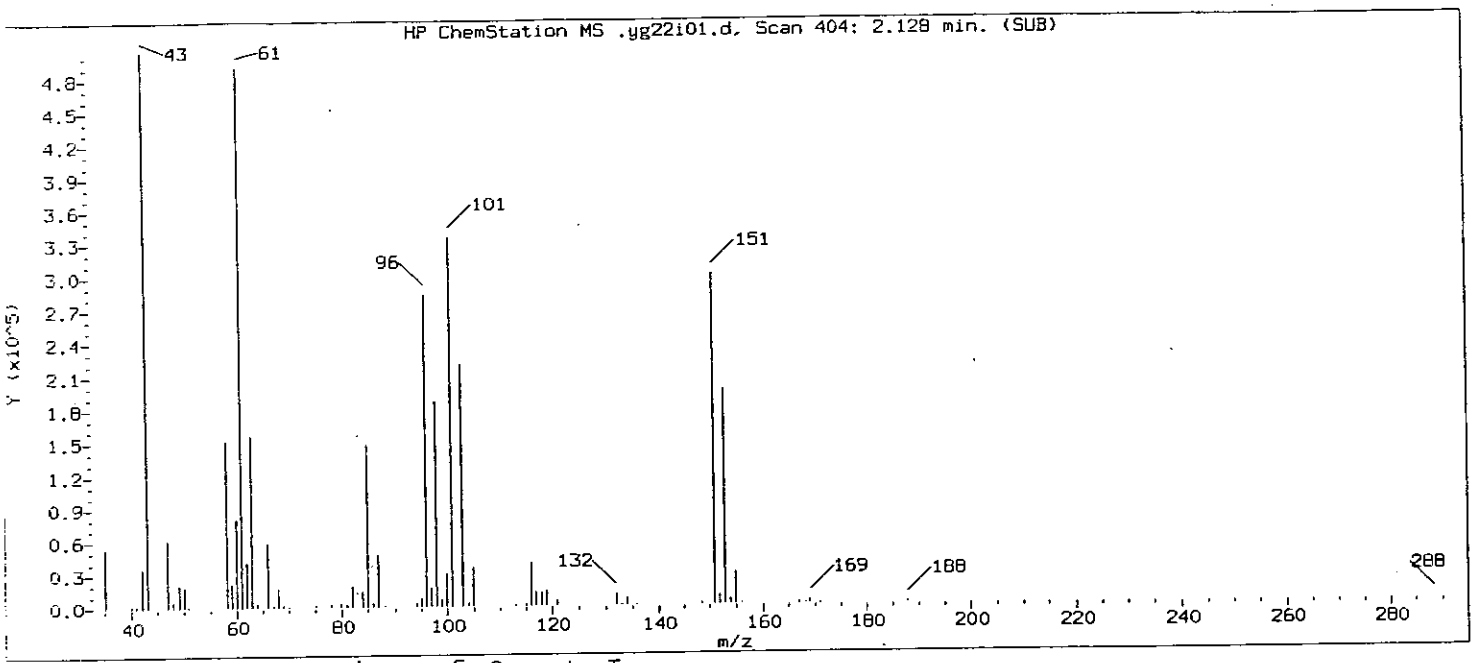
Compound Number	:	14
Compound Name	:	Acetone
Scan Number	:	404
Retention Time (minutes)	:	2.128
Quant Ion	:	43
Area (flag)	:	1639012 M
Concentration (ug/L)	:	545.5901
Integration start scan	:	378 Integration stop scan: 427
Y at integration start	:	0 Y at integration end: 0

Reason for manual integration (circle one): missed peak improper integration

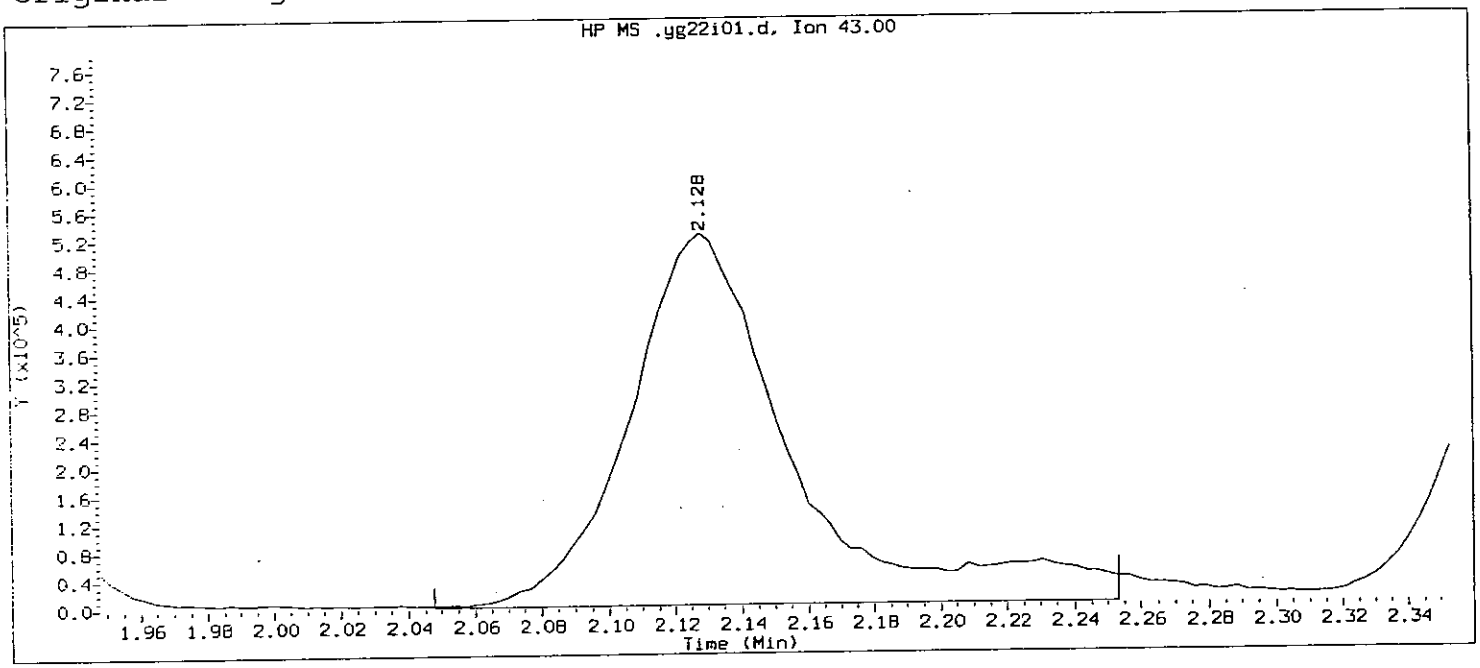
Analyst responsible for change: JRC NRC 8/22/07 8169

GC/MS audit/management approval: [signature] 8/23/07

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem2/HP09355.i/07aug22b.b/yg22i01.d Instrument ID: HP09355.i
Injection date and time: 22-AUG-2007 10:03 Analyst ID: NRR01826

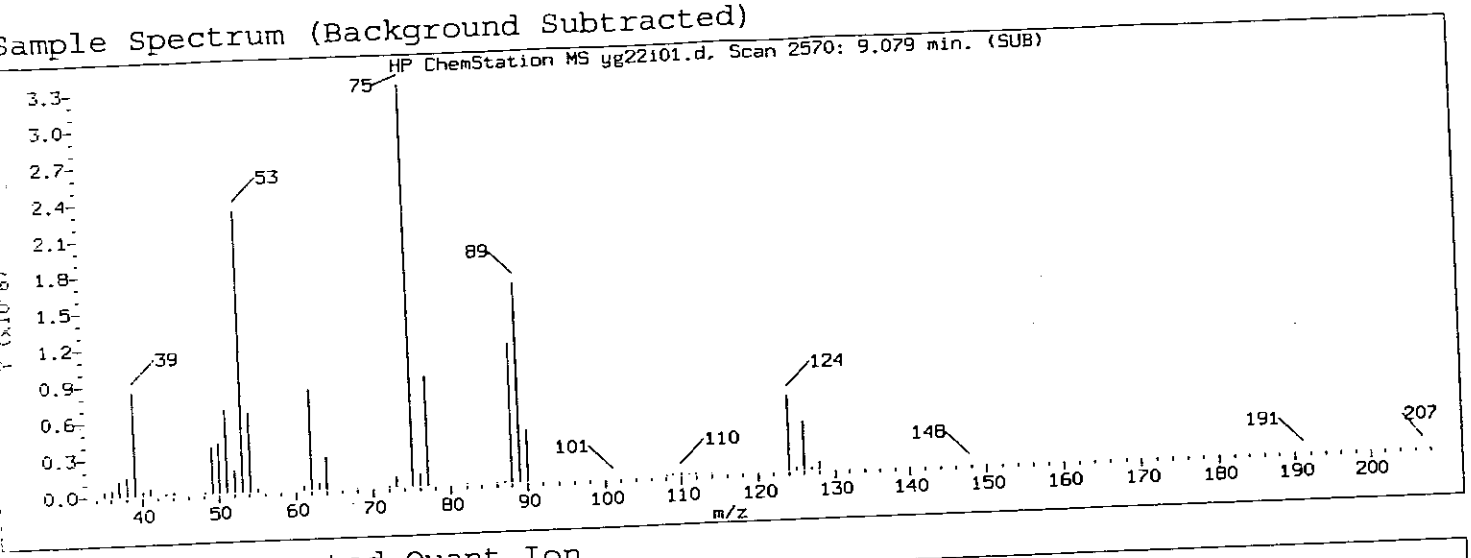
Method used: /chem2/HP09355.i/07aug22b.b/Y8260W.m Sublist used: 8260WIICAL
Calibration date and time: 22-AUG-2007 11:21
Date, time and analyst ID of latest file update: 22-Aug-2007 11:21 msn00708

Sample Name: VSTD300 Lab Sample ID: VSTD300

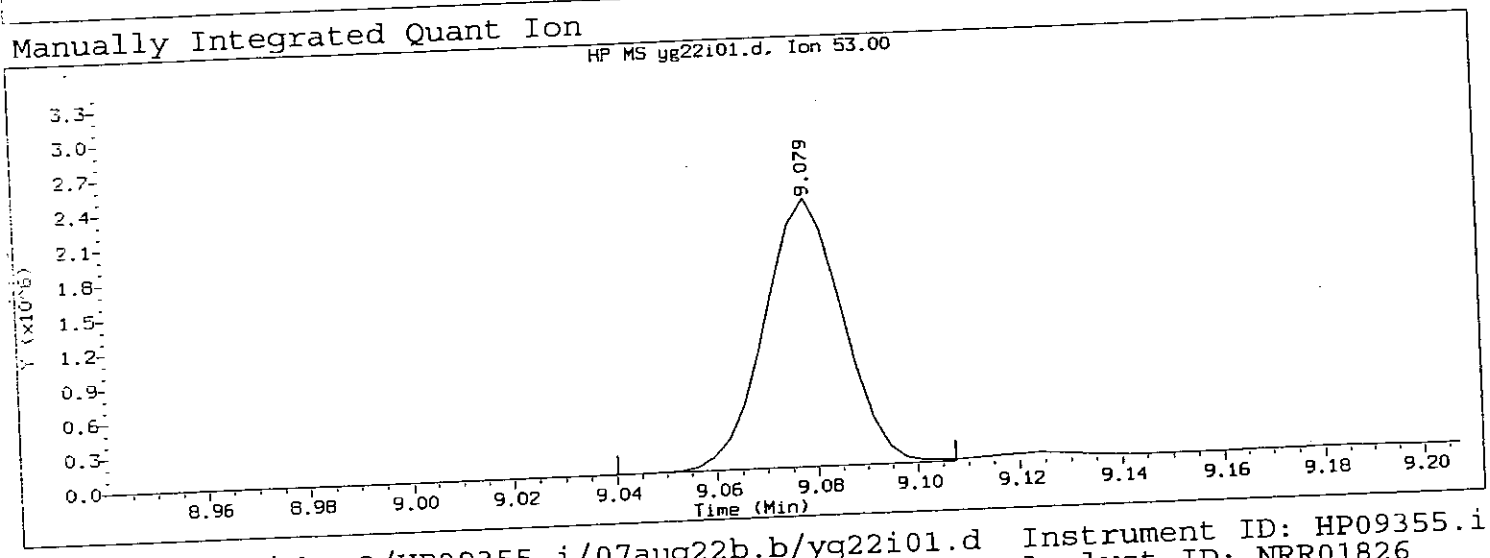
Compound Number	:	14
Compound Name	:	Acetone
Scan Number	:	404
Retention Time (minutes)	:	2.128
Quant Ion	:	43
Area	:	1779955
Concentration (ug/L)	:	590.8711
Integration start scan	:	378 Integration stop scan: 442
Y at integration start	:	0 Y at integration end: 0

Original Integration Report for data file /chem2/HP09355.i/07aug22b.b/yg22i01.d, generated on 08/22/2007 at 12:00

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem2/HP09355.i/07aug22b.b/yg22i01.d Instrument ID: HP09355.i
Injection date and time: 22-AUG-2007 10:03 Analyst ID: NRR01826

Method used: /chem2/HP09355.i/07aug22b.b/Y8260W.m Sublist used: 8260WIICAL
Calibration date and time: 22-AUG-2007 11:22
Date, time and analyst ID of latest file update: 22-Aug-2007 12:00 nrr01826

Sample Name: VSTD300 Lab Sample ID: VSTD300

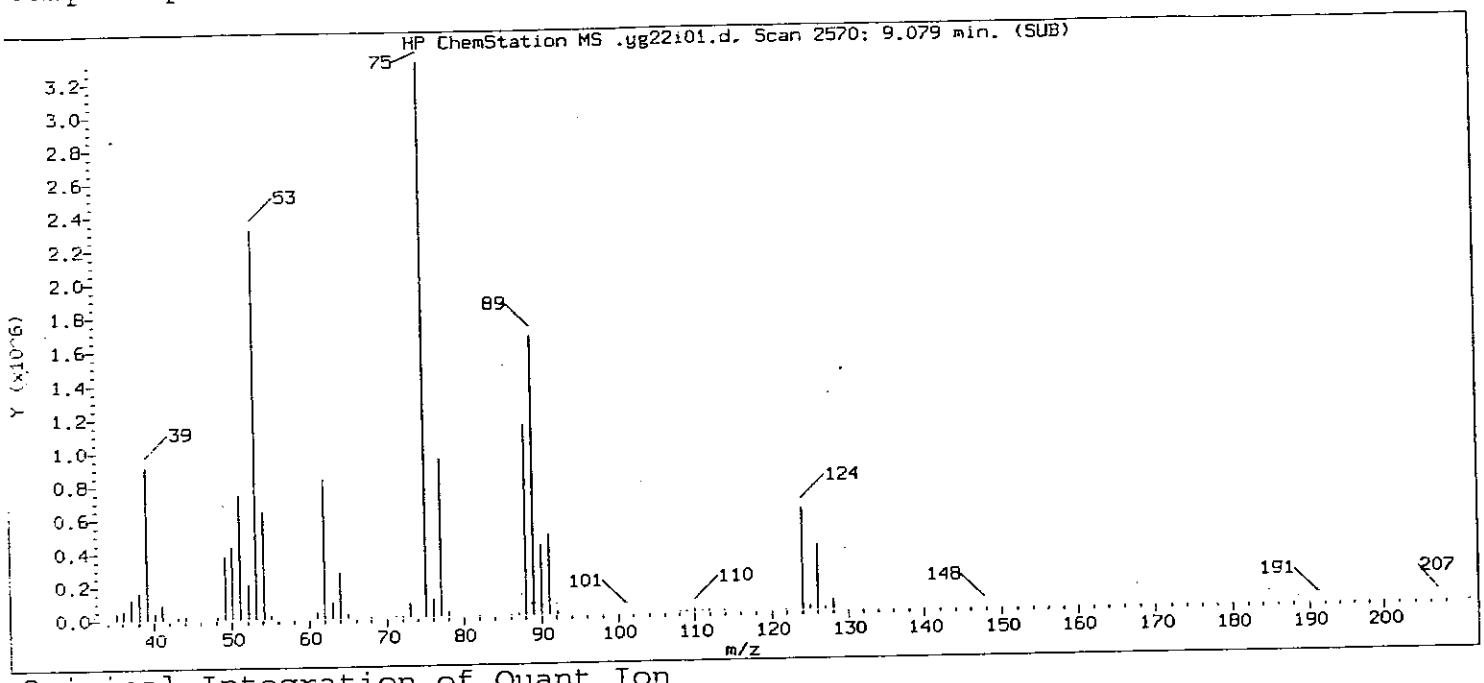
Compound Number	: 120
Compound Name	: trans-1,4-Dichloro-2-Butene
Scan Number	: 2570
Retention Time (minutes)	: 9.079
Quant Ion	: 53
Area (flag)	: 2526745 M
Concentration (ug/L)	: 778.6693
Integration start scan	: 2557 Integration stop scan: 2578
Y at integration start	: 0 Y at integration end: 0

Reason for manual integration (circle one): missed peak improper integration

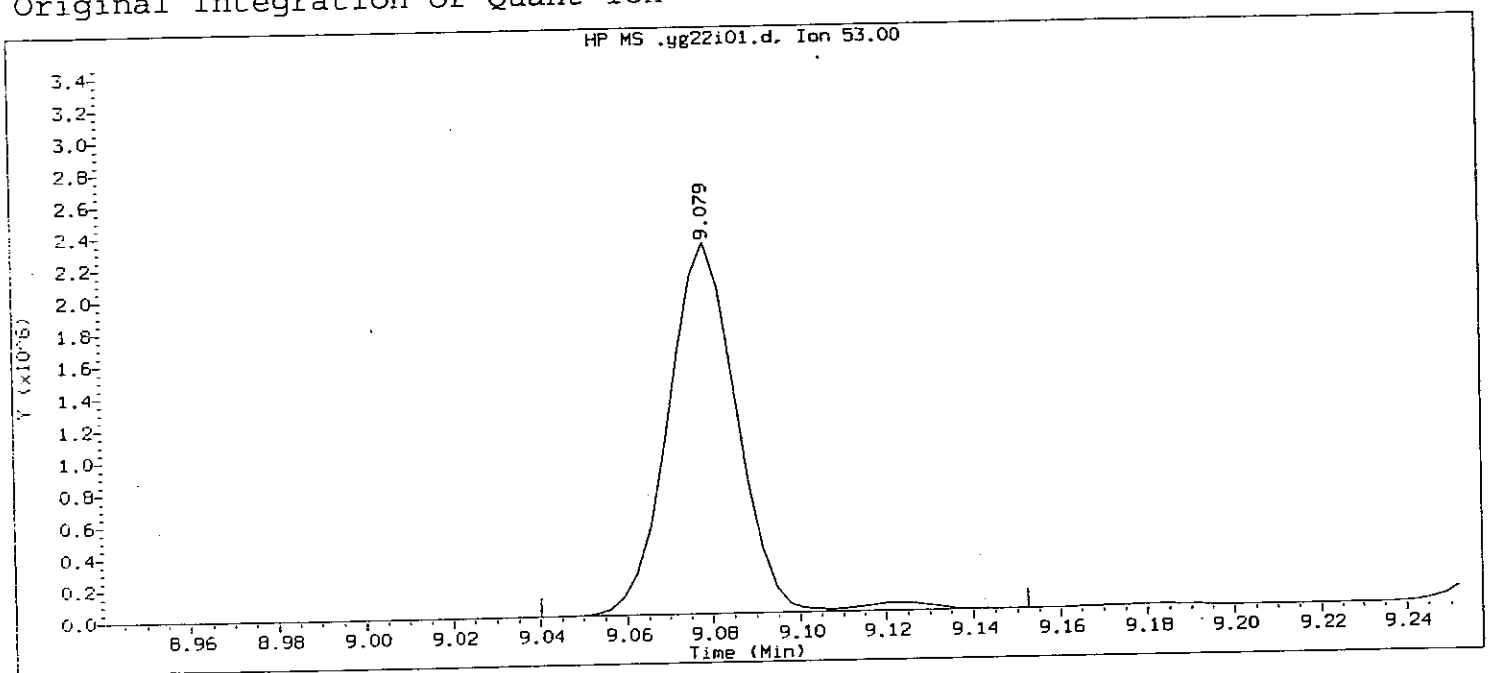
Analyst responsible for change: NRR 1826 8/23/07

GC/MS audit/management approval: JM 321, 8/23/07

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem2/HP09355.i/07aug22b.b/yg22i01.d Instrument ID: HP09355.i
Injection date and time: 22-AUG-2007 10:03 Analyst ID: NRR01826

Method used: /chem2/HP09355.i/07aug22b.b/Y8260W.m Sublist used: 8260WIICAL
Calibration date and time: 22-AUG-2007 11:21
Date, time and analyst ID of latest file update: 22-Aug-2007 11:21 msn00708

Sample Name: VSTD300 Lab Sample ID: VSTD300

Compound Number	:	120
Compound Name	:	trans-1,4-Dichloro-2-Butene
Scan Number	:	2570
Retention Time (minutes)	:	9.079
Quant Ion	:	53
Area	:	2584901
Concentration (ug/L)	:	778.1077
Integration start scan	:	2557 Integration stop scan: 2592
Y at integration start	:	0 Y at integration end: 0

8172

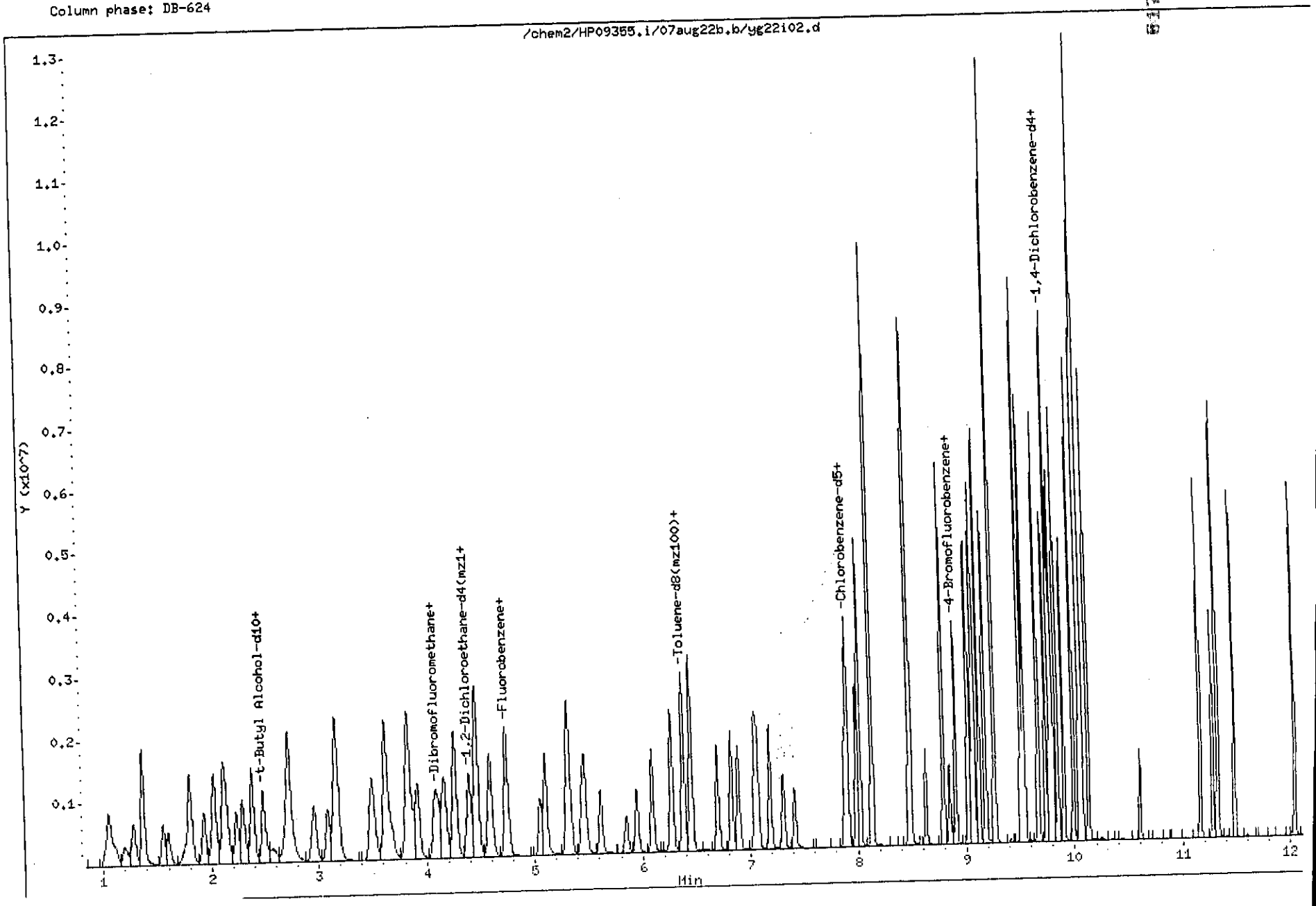
Original Integration Report for data file /chem2/HP09355.i/07aug22b.b/yg22i01.d, generated on 08/22/2007 at 12:00

Data File: /chem2/HP09355.i/07aug22b.b/yg22i02.d
Date : 22-AUG-2007 10:26
Client ID: VSTD100
Sample Info: VSTD100;VSTD100;1;1;;;;;
Purge Volume: 5.0
Column phase: DB-624

NRR 1826 8/22/07

Instrument: HP09355.i

Operator: NRR01826
Column diameter: 0.18



Quant Report

Target Revision 3.5

Data File: /chem2/HP09355.i/07aug22b.b/yg22i02.d Instrument ID: HP09355.i
Injection date and time: 22-AUG-2007 10:26 Analyst ID: NRR01826

Method used: /chem2/HP09355.i/07aug22b.b/Y8260W.m Sublist used: 8260WIICAL
Calibration date and time: 22-AUG-2007 10:03
Date, time and analyst ID of latest file update: 22-Aug-2007 12:01 nrr01826

Sample Name: VSTD100 Lab Sample ID: VSTD100

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
1) Dichlorodifluoromethane	(1)	1.197	85	759413	93.984
2) Chloromethane	(1)	1.281	50	1010827	95.457
3) 1,3-Butadiene	(1)	1.361	39	730531	97.433
4) Vinyl Chloride	(1)	1.371	62	943016	95.407
5) Bromomethane	(1)	1.550	94	553942	95.676
6) Chloroethane	(1)	1.598	64	523130	94.348
8) Trichlorofluoromethane	(1)	1.810	101	933355	85.051
7) n-Pentane	(1)	1.797	43	900891	95.276
10) Ethyl Ether	(1)	1.932	59	634686	97.519
11) Acrolein	(4)	2.022	56	2029502	941.062
13) 1,1-Dichloroethene	(1)	2.109	96	488175	97.720
15) Freon 113	(1)	2.134	101	469570	96.636
14) Acetone	(1)	2.128	43	583216M	176.171
16) Methyl Iodide	(1)	2.230	142	981305	98.136
17) 2-Propanol	(4)	2.237	45	395856	495.107
18) Carbon Disulfide	(1)	2.288	76	1781686	98.166
20) Allyl Chloride	(1)	2.378	41	1044602	97.903
21) Methyl Acetate	(1)	2.388	43	724540	97.280
22) Methylene Chloride	(1)	2.484	84	605967	95.599
23) *t-Butyl Alcohol-d10	(4)	2.497	65	244583	250.000
24) t-Butyl Alcohol	(4)	2.567	59	541842	481.655
25) Acrylonitrile	(1)	2.677	53	375286	94.941
26) trans-1,2-Dichloroethene	(1)	2.715	96	568944	98.456
27) Methyl Tertiary Butyl Ether	(1)	2.725	73	2039031	98.630
29) n-Hexane	(1)	2.956	57	724730	95.177
40) 1,2-Dichloroethene (total)	(1)		96	1210129	197.513
30) 1,1-Dichloroethane	(1)	3.087	63	1076653	97.601
32) di-Isopropyl Ether	(1)	3.161	45	2283323	98.607
33) 2-Chloro-1,3-Butadiene	(1)	3.171	53	854452	98.019
36) Ethyl t-Butyl Ether	(1)	3.498	59	2024221	98.397
37) cis-1,2-Dichloroethene	(1)	3.620	96	641185	99.057
38) 2-Butanone	(1)	3.623	43	955266	190.190
39) 2,2-Dichloropropane	(1)	3.630	77	876529	98.427
41) Propionitrile	(4)	3.678	54	701836	486.198

M = Compound was manually integrated.

* = Compound is an internal standard.

Quant Report

Target Revision 3.5

Data File: /chem2/HP09355.i/07aug22b.b/yg22i02.d Instrument ID: HP09355.i
Injection date and time: 22-AUG-2007 10:26 Analyst ID: NRR01826

Method used: /chem2/HP09355.i/07aug22b.b/Y8260W.m Sublist used: 8260WIICAL
Calibration date and time: 22-AUG-2007 10:03
Date, time and analyst ID of latest file update: 22-Aug-2007 12:01 nrr01826

Sample Name: VSTD100 Lab Sample ID: VSTD100

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
43) Methacrylonitrile	(1)	3.825	67	910161	243.608
44) Bromochloromethane	(1)	3.845	128	330268	99.371
45) Tetrahydrofuran	(4)	3.883	71	231904	188.389
46) Chloroform	(1)	3.922	83	999570	98.304
50) 1,1,1-Trichloroethane	(1)	4.104	97	848942	98.437
51) Cyclohexane	(1)	4.165	56	948019	95.393
52) Cyclohexane (mz 84)	(1)	4.162	84	776634	93.867
53) Cyclohexane (mz 69)	(1)	4.165	69	273590	97.120
54) 1,1-Dichloropropene	(1)	4.259	75	803524	97.087
55) Carbon Tetrachloride	(1)	4.268	117	729667	97.831
56) Isobutyl Alcohol	(4)	4.387	41	469106	1208.218
59) Benzene	(1)	4.457	78	2462954	97.826
61) 1,2-Dichloroethane	(1)	4.474	62	835026	98.631
60) 1,2-Dichloroethane (mz 98)	(1)	4.467	98	78797	98.583
64) t-Amyl Methyl Ether	(1)	4.586	73	1971365	99.198
67) n-Heptane	(1)	4.743	43	780298	93.237
66) *Fluorobenzene	(1)	4.733	96	1159634	50.000
69) n-Butanol	(4)	5.051	56	802659	2438.141
70) Trichloroethene	(1)	5.102	95	595817	98.776
73) 1,2-Dichloropropane	(1)	5.327	63	676121	99.014
71) Methylcyclohexane (mz98)	(1)	5.305	98	404779	96.316
72) Methylcyclohexane	(1)	5.308	83	866940	95.434
75) Methyl Methacrylate	(1)	5.468	69	602779	100.363
74) Dibromomethane	(1)	5.443	93	406261	98.761
76) 1,4-Dioxane	(4)	5.465	88	123327	1248.013
79) Bromodichloromethane	(1)	5.616	83	772968	99.620
81) 2-Nitropropane	(1)	5.853	41	452239	193.193
82) 2-Chloroethyl Vinyl Ether	(1)	5.946	63	526212	100.656
83) cis-1,3-Dichloropropene	(1)	6.091	75	1084919	101.226
84) 4-Methyl-2-Pentanone	(1)	6.271	43	2044741	189.978
89) Toluene	(2)	6.450	92	1565959	99.667
91) trans-1,3-Dichloropropene	(2)	6.694	75	1010327	100.919
92) Ethyl Methacrylate	(2)	6.822	69	1074907	103.087
93) 1,1,2-Trichloroethane	(2)	6.887	97	592934	99.086

8175

* = Compound is an internal standard.

Quant Report

Target Revision 3.5

Data File: /chem2/HP09355.i/07aug22b.b/yg22i02.d Instrument ID: HP09355.i
Injection date and time: 22-AUG-2007 10:26 Analyst ID: NRR01826

Method used: /chem2/HP09355.i/07aug22b.b/Y8260W.m Sublist used: 8260WIICAL
Calibration date and time: 22-AUG-2007 10:03
Date, time and analyst ID of latest file update: 22-Aug-2007 12:01 nrr01826

Sample Name: VSTD100 Lab Sample ID: VSTD100

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
94) Tetrachloroethene	(2)	7.044	166	676724	97.536
95) 1,3-Dichloropropane	(2)	7.070	76	1066339	99.555
97) 2-Hexanone	(2)	7.182	43	1436137	187.671
99) Dibromochloromethane	(2)	7.307	129	665319	102.040
101) 1,2-Dibromoethane	(2)	7.413	107	649692	99.345
102) *Chlorobenzene-d5	(2)	7.878	117	870842	50.000
103) Chlorobenzene	(2)	7.907	112	1792438	98.954
104) 1,1,1,2-Tetrachloroethane	(2)	7.990	131	645246	100.063
105) Ethylbenzene	(2)	8.019	91	3067924	100.116
106) m+p-Xylene	(2)	8.132	106	2439822	199.198
107) Xylene (Total)	(2)		106	3654019	299.195
108) o-Xylene	(2)	8.475	106	1214197	99.997
109) Styrene	(2)	8.488	104	2085633	101.840
110) Bromoform	(2)	8.629	173	581918	101.715
112) Isopropylbenzene	(2)	8.790	105	3103908	100.835
114) Cyclohexanone	(4)	8.847	55	491720	1231.523
118) 1,1,2,2-Tetrachloroethane	(3)	9.030	83	1031695	101.531
120) trans-1,4-Dichloro-2-Butene	(3)	9.075	53	798455M	250.366
117) Bromobenzene	(3)	9.017	156	828699	100.630
119) 1,2,3-Trichloropropane	(3)	9.056	110	297916	101.888
121) n-Propylbenzene	(3)	9.120	91	3773297	102.988
122) 2-Chlorotoluene	(3)	9.178	126	764692	99.891
123) 1,3,5-Trimethylbenzene	(3)	9.261	105	2732647	102.007
124) 4-Chlorotoluene	(3)	9.261	126	807534	100.116
127) tert-Butylbenzene	(3)	9.505	134	634711	100.734
128) Pentachloroethane	(3)	9.511	167	562311	100.757
129) 1,2,4-Trimethylbenzene	(3)	9.540	105	2799717	101.689
130) sec-Butylbenzene	(3)	9.669	105	3498270	102.735
132) p-Isopropyltoluene	(3)	9.775	119	3111691	102.924
131) 1,3-Dichlorobenzene	(3)	9.739	146	1604504	100.551
133) *1,4-Dichlorobenzene-d4	(3)	9.787	152	524870	50.000
134) 1,4-Dichlorobenzene	(3)	9.804	146	1674661	100.104
135) 1,2,3-Trimethylbenzene	(3)	9.848	105	2849853	101.231
136) Benzyl Chloride	(3)	9.903	91	2374804	104.534

0176

M = Compound was manually integrated.

* = Compound is an internal standard.

Quant Report

Target Revision 3.5

Data File: /chem2/HP09355.i/07aug22b.b/yg22i02.d Instrument ID: HP09355.i
Injection date and time: 22-AUG-2007 10:26 Analyst ID: NRR01826

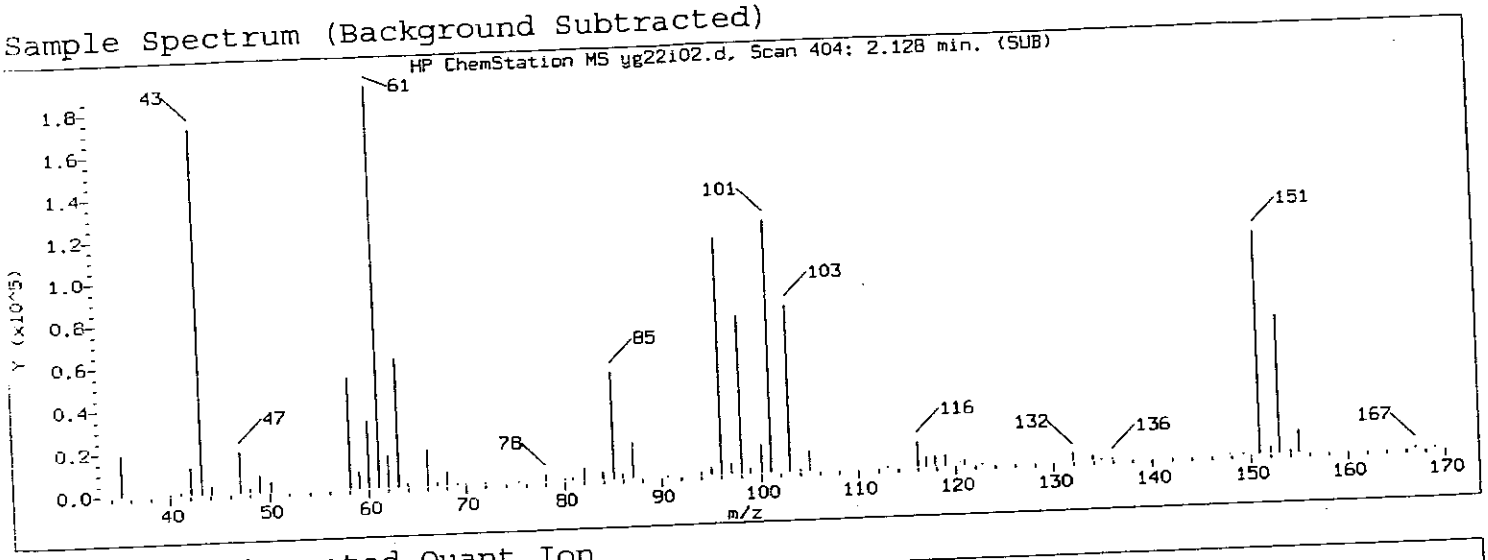
Method used: /chem2/HP09355.i/07aug22b.b/Y8260W.m Sublist used: 8260WIICAL
Calibration date and time: 22-AUG-2007 10:03
Date, time and analyst ID of latest file update: 22-Aug-2007 12:01 nrr01826

Sample Name: VSTD100 Lab Sample ID: VSTD100

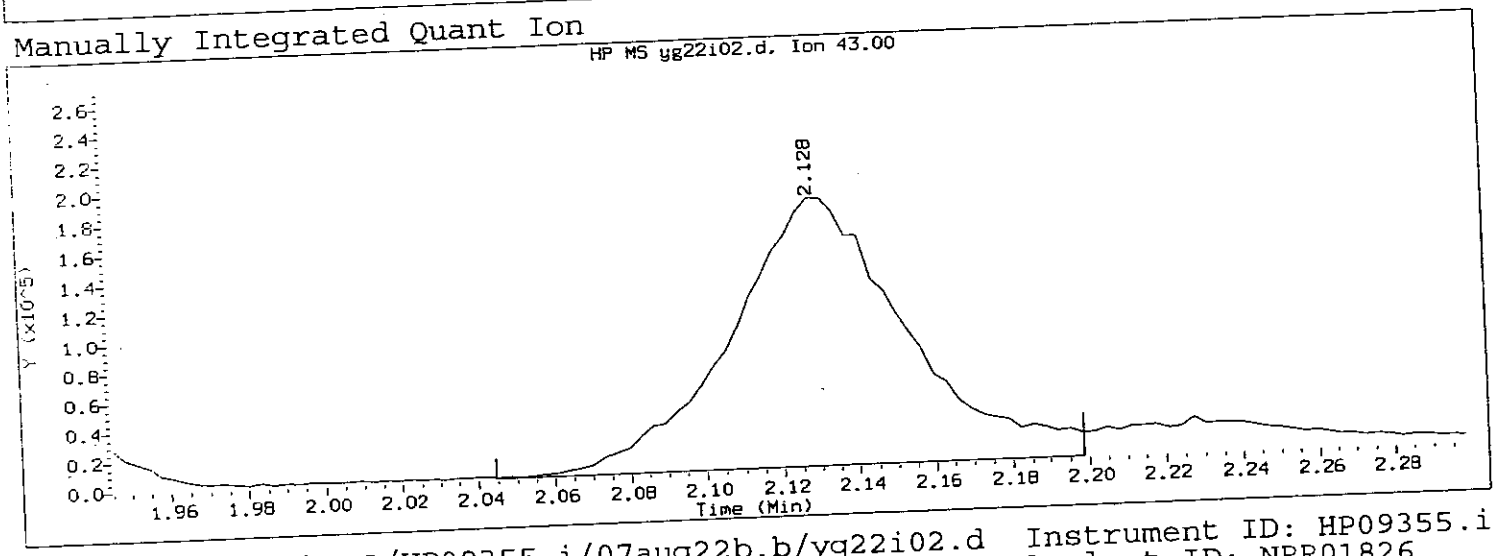
Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
137) 1,3-Diethylbenzene	(3)	9.993	105	1771161	100.586
138) 1,4-Diethylbenzene	(3)	10.051	105	1751224	100.767
139) n-Butylbenzene	(3)	10.067	92	1562339	100.316
140) 1,2-Dichlorobenzene	(3)	10.070	146	1608553	99.960
141) 1,2-Diethylbenzene	(3)	10.134	105	1728727	101.010
143) 1,2-Dibromo-3-Chloropropane	(3)	10.606	75	226804	103.631
145) 1,2,4-Trichlorobenzene	(3)	11.161	180	1263771	101.276
146) Hexachlorobutadiene	(3)	11.276	225	503684	95.906
147) Naphthalene	(3)	11.321	128	3706678	106.223
148) 1,2,3-Trichlorobenzene	(3)	11.479	180	1199605	101.004
150) 2-Methylnaphthalene	(3)	12.043	142	1853777	108.769
48) $Dibromofluoromethane	(1)	4.076	113	565470	100.173
57) $1,2-Dichloroethane-d4	(1)	4.393	102	146396	96.301
49) $Dibromofluoromethane(mz111)	(1)	4.076	111	579537	100.486
58) $1,2-Dichloroethane-d4(mz104)	(1)	4.396	104	92181	98.826
86) $Toluene-d8(mz100)	(2)	6.376	100	1456874	101.515
116) $4-Bromofluorobenzene(mz174)	(2)	8.905	174	790566	100.055
87) $Toluene-d8	(2)	6.380	98	2248306	101.848
115) $4-Bromofluorobenzene	(2)	8.902	95	848172	100.628

$ = Compound is a surrogate standard.

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem2/HP09355.i/07aug22b.b/yg22i02.d Instrument ID: HP09355.i
Injection date and time: 22-AUG-2007 10:26 Analyst ID: NRR01826

Method used: /chem2/HP09355.i/07aug22b.b/Y8260W.m Sublist used: 8260WIICAL
Calibration date and time: 22-AUG-2007 11:22
Date, time and analyst ID of latest file update: 22-Aug-2007 12:01 nrr01826

Sample Name: VSTD100 Lab Sample ID: VSTD100

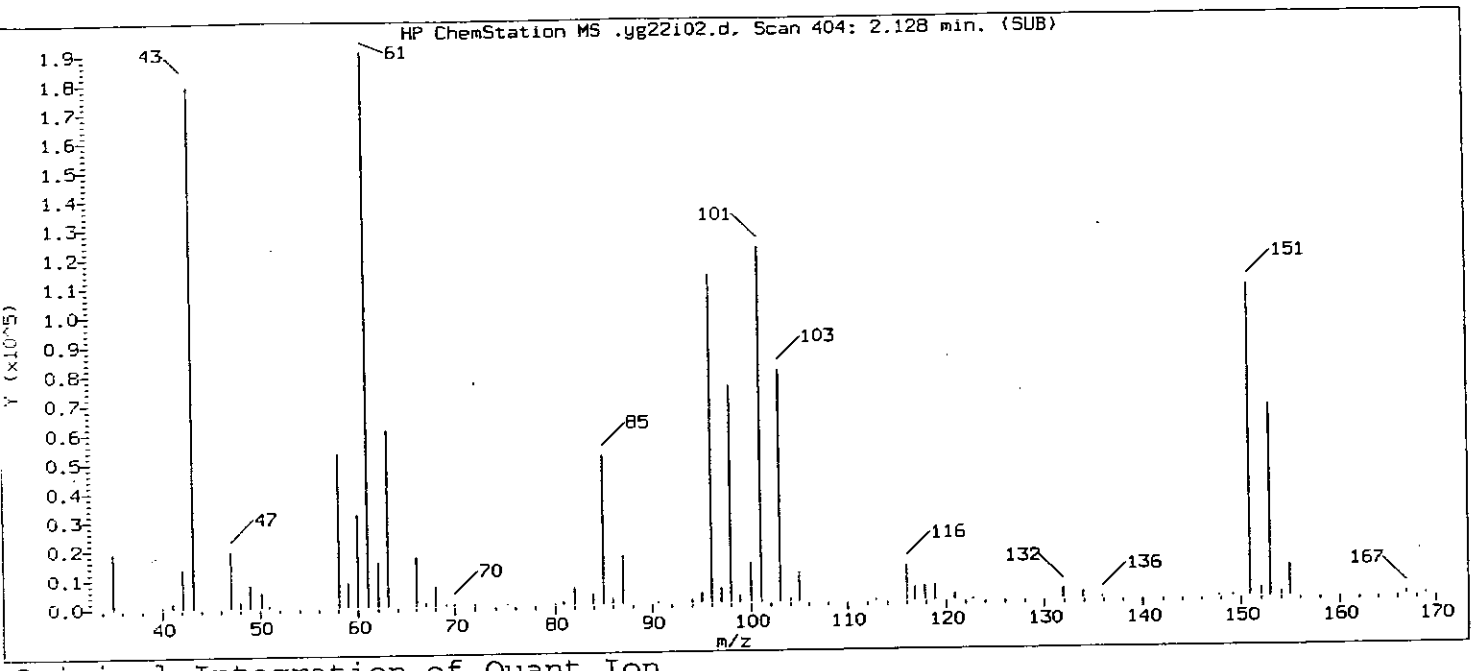
Compound Number	: 14
Compound Name	: Acetone
Scan Number	: 404
Retention Time (minutes)	: 2.128
Quant Ion	: 43
Area (flag)	: 583216 M
Concentration (ug/L)	: 176.1706
Integration start scan	: 377 Integration stop scan: 425
Y at integration start	: 0 Y at integration end: 0

Reason for manual integration (circle one): missed peak improper integration

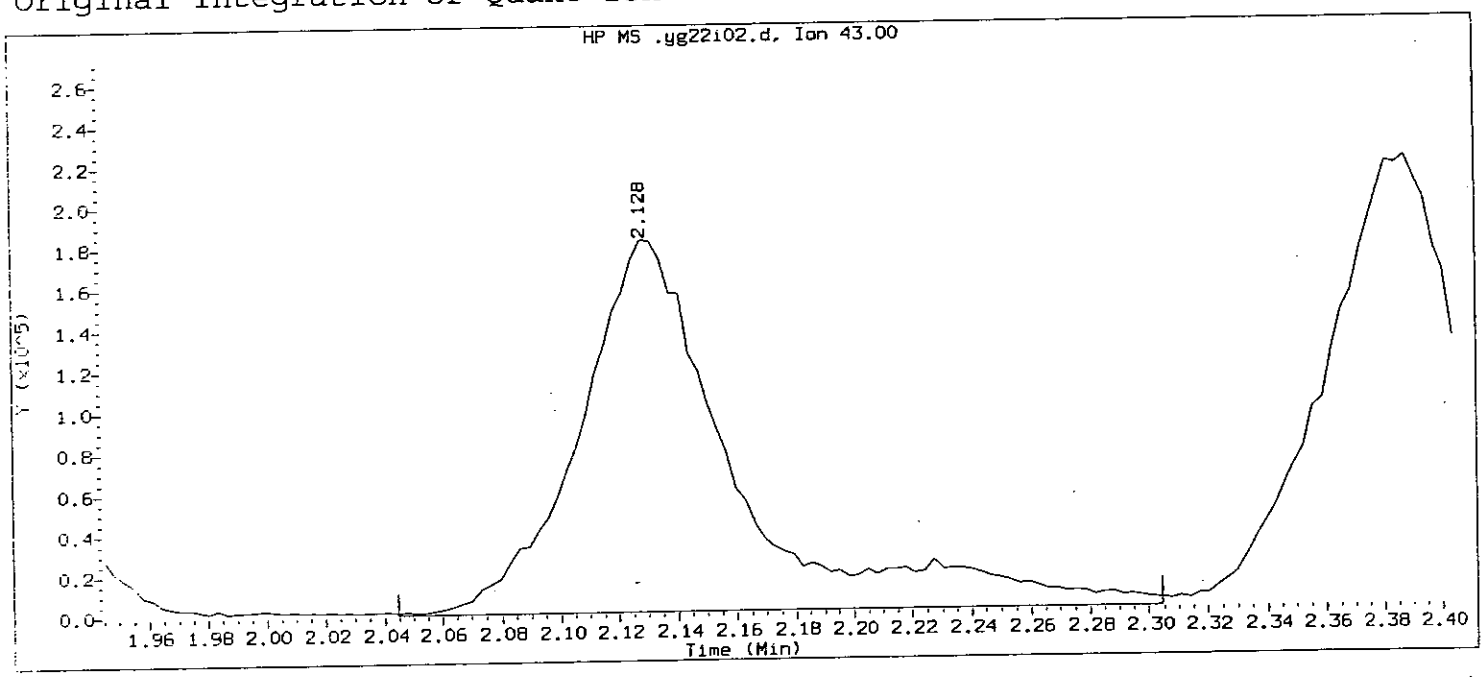
Analyst responsible for change: NRR 1826 8/22/07

GC/MS audit/management approval: JM 321, 8/23/07

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem2/HP09355.i/07aug22b.b/yg22i02.d Instrument ID: HP09355.i
Injection date and time: 22-AUG-2007 10:26 Analyst ID: NRR01826

Method used: /chem2/HP09355.i/07aug22b.b/Y8260W.m Sublist used: 8260WIICAL
Calibration date and time: 22-AUG-2007 11:22
Date, time and analyst ID of latest file update: 22-Aug-2007 11:22 msn00708

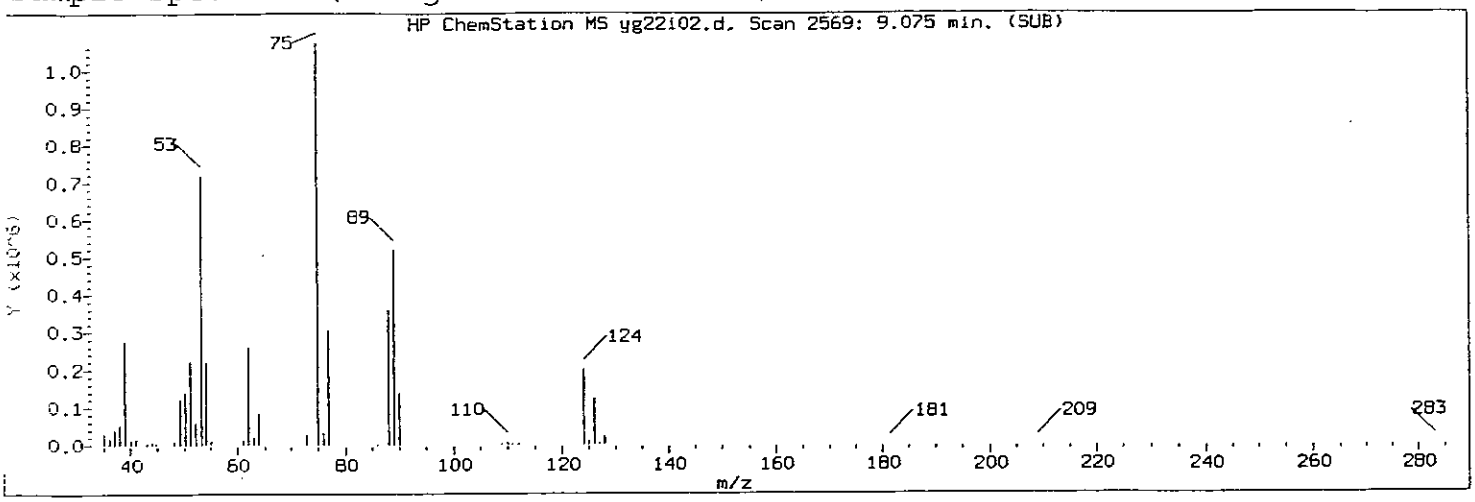
Sample Name: VSTD100 Lab Sample ID: VSTD100

Compound Number	:	14
Compound Name	:	Acetone
Scan Number	:	404
Retention Time (minutes)	:	2.128
Quant Ion	:	43
Area	:	666144
Concentration (ug/L)	:	195.7618
Integration start scan	:	377 Integration stop scan: 458
Y at integration start	:	0 Y at integration end: 0

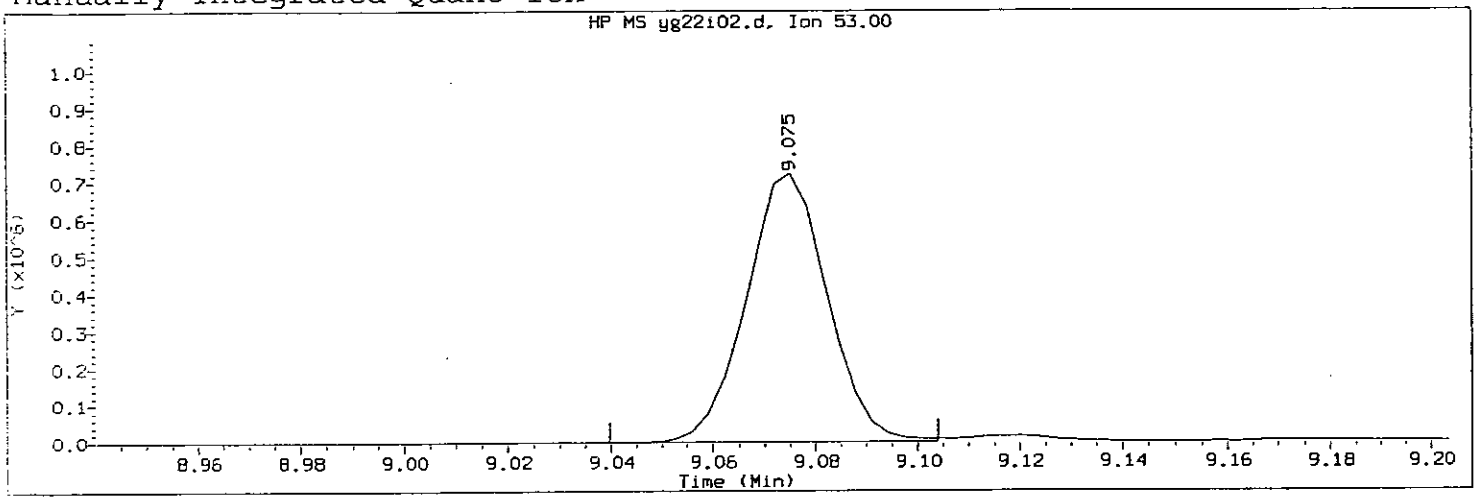
8179

Original Integration Report for data file /chem2/HP09355.i/07aug22b.b/yg22i02.d, generated on 08/22/2007 at 12:01

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem2/HP09355.i/07aug22b.b/yg22i02.d Instrument ID: HP09355.i
Injection date and time: 22-AUG-2007 10:26 Analyst ID: NRR01826

Method used: /chem2/HP09355.i/07aug22b.b/Y8260W.m Sublist used: 8260WIICAL
Calibration date and time: 22-AUG-2007 11:22
Date, time and analyst ID of latest file update: 22-Aug-2007 12:01 nrr01826

Sample Name: VSTD100 Lab Sample ID: VSTD100

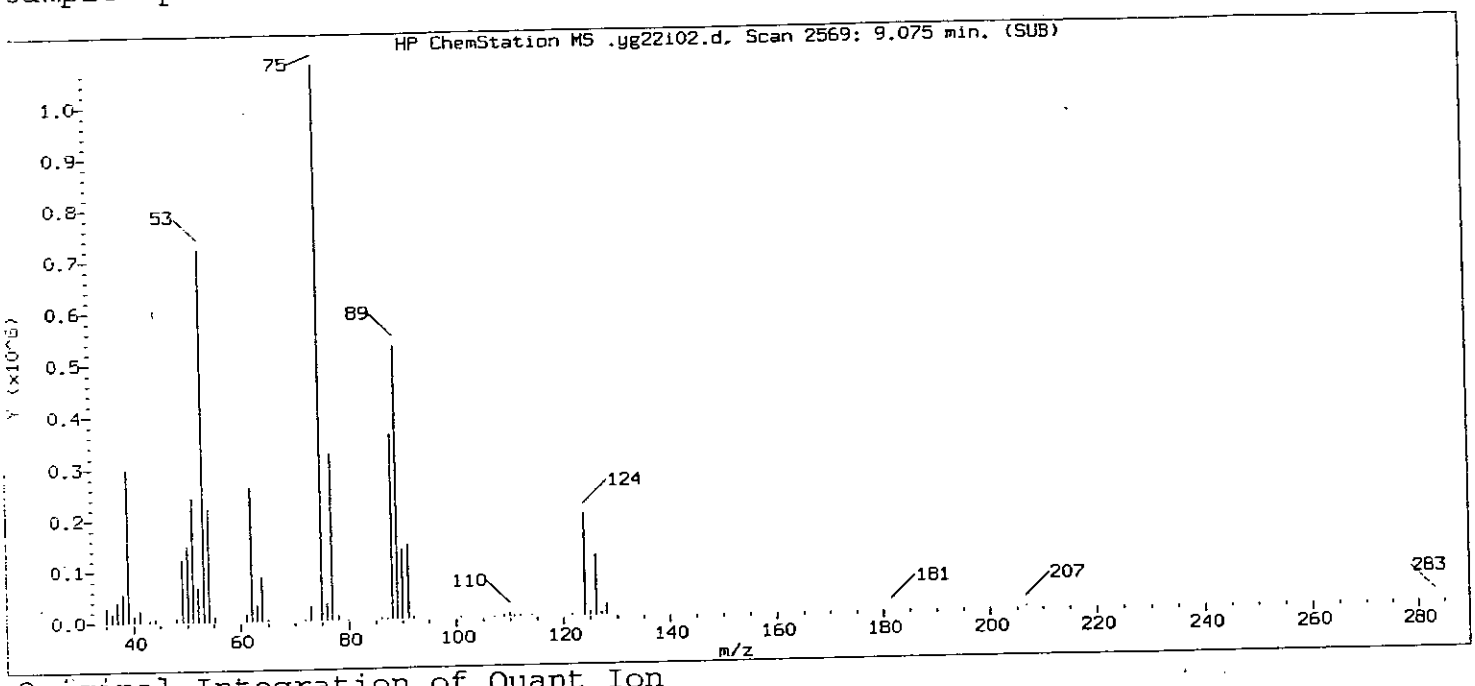
Compound Number : 120
Compound Name : trans-1,4-Dichloro-2-Butene
Scan Number : 2569
Retention Time (minutes): 9.075
Quant Ion : 53
Area (flag) : 798455 M
Concentration (ug/L) : 250.3661
Integration start scan : 2557 Integration stop scan: 2577
Y at integration start : 0 Y at integration end: 0

Reason for manual integration (circle one): missed peak improper integration

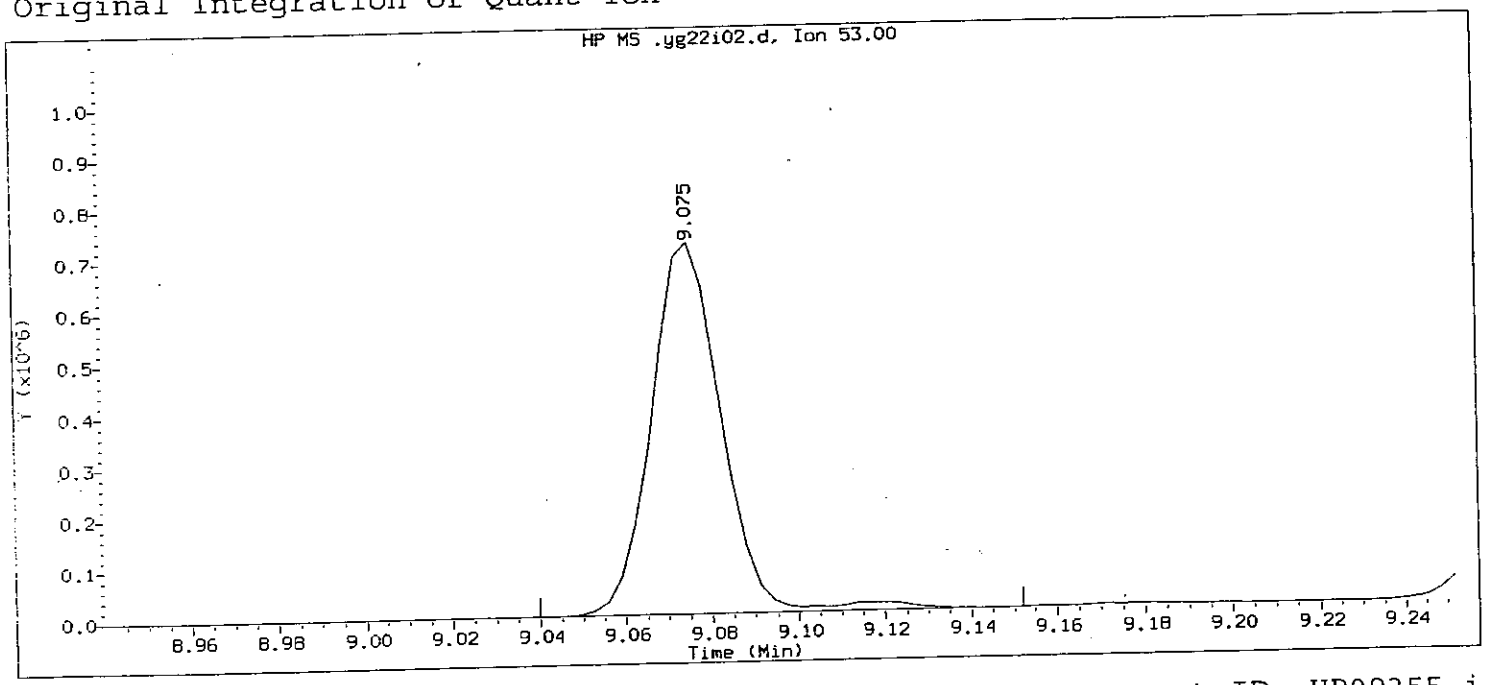
Analyst responsible for change: NRR 1826 8/22/07
8188

GC/MS audit/management approval: [signature] 8/23/07

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem2/HP09355.i/07aug22b.b/yg22i02.d Instrument ID: HP09355.i
Injection date and time: 22-AUG-2007 10:26 Analyst ID: NRR01826

Method used: /chem2/HP09355.i/07aug22b.b/Y8260W.m Sublist used: 8260WIICAL
Calibration date and time: 22-AUG-2007 11:22
Date, time and analyst ID of latest file update: 22-Aug-2007 11:22 msn00708

Sample Name: VSTD100 Lab Sample ID: VSTD100

Compound Number	:	120
Compound Name	:	trans-1,4-Dichloro-2-Butene
Scan Number	:	2569
Retention Time (minutes)	:	9.075
Quant Ion	:	53
Area	:	817394
Concentration (ug/L)	:	249.1737
Integration start scan	:	2557 Integration stop scan: 2592
Y at integration start	:	0 Y at integration end: 0

8181

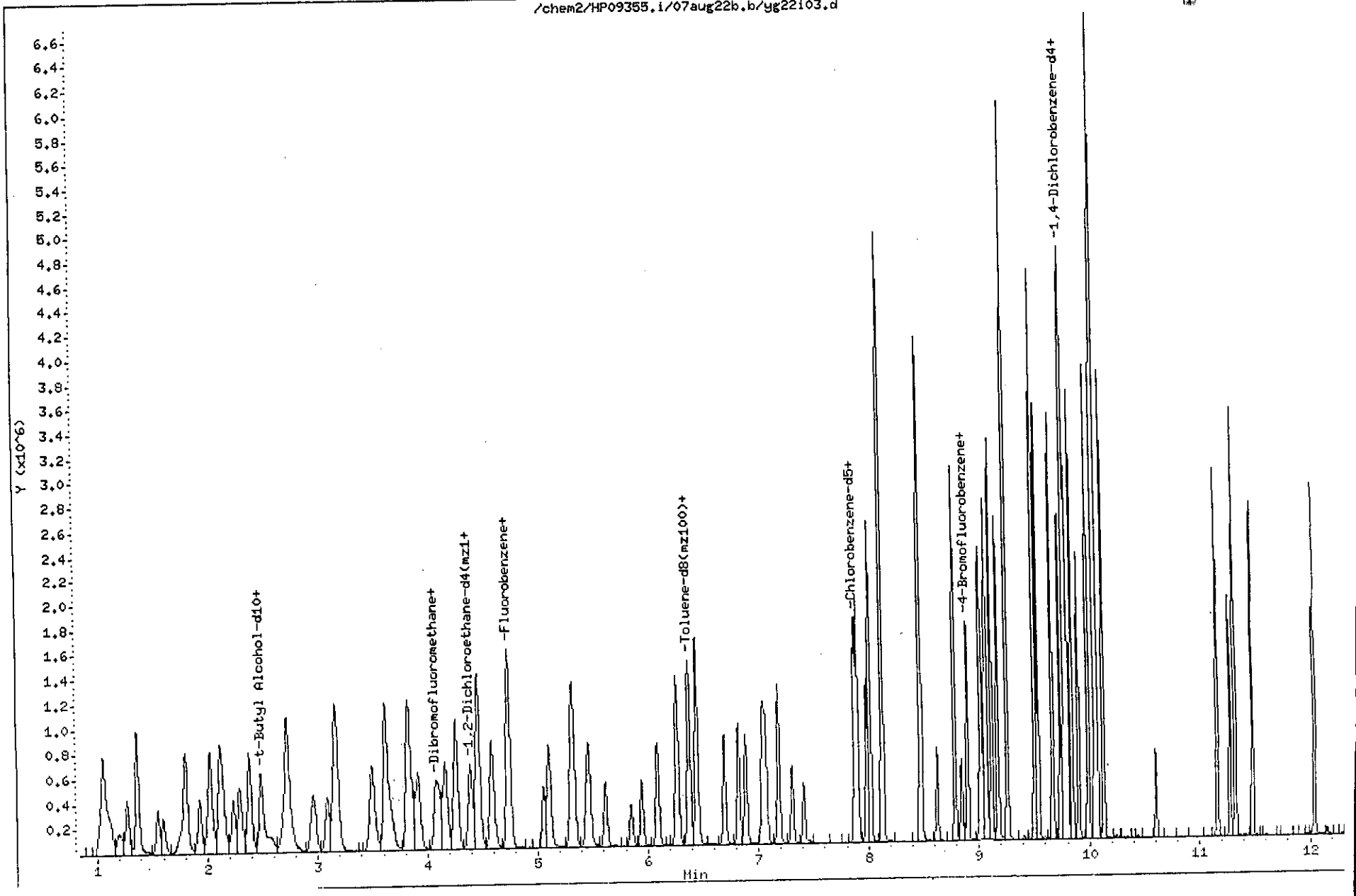
Data File: /chem2/HP09355.i/07aug22b.b/yg22i03.d
Date : 22-AUG-2007 10:49
Client ID: VSTD050
Sample Info: VSTD050;VSTD050;1;1;;;;;
Purge Volume: 5.0
Column phase: DB-624

NRR 1826 8/22/07

Instrument: HP09355.i

Operator: NRR01826
Column diameter: 0.18

8182



Quant Report

Target Revision 3.5

Data File: /chem2/HP09355.i/07aug22b.b/yg22i03.d Instrument ID: HP09355.i
Injection date and time: 22-AUG-2007 10:49 Analyst ID: NRR01826

Method used: /chem2/HP09355.i/07aug22b.b/Y8260W.m Sublist used: 8260WIICAL
Calibration date and time: 22-AUG-2007 10:03
Date, time and analyst ID of latest file update: 22-Aug-2007 12:02 nrr01826

Sample Name: VSTD050 Lab Sample ID: VSTD050

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
1) Dichlorodifluoromethane	(1)	1.204	85	411698	50.463
2) Chloromethane	(1)	1.271	50	537977	50.317
3) 1,3-Butadiene	(1)	1.358	39	378079	49.942
4) Vinyl Chloride	(1)	1.368	62	508631	50.966
5) Bromomethane	(1)	1.547	94	296207	50.670
6) Chloroethane	(1)	1.599	64	280570	50.117
8) Trichlorofluoromethane	(1)	1.807	101	509410	45.975
7) n-Pentane	(1)	1.798	43	490049	51.330
10) Ethyl Ether	(1)	1.932	59	328210	49.946
11) Acrolein	(4)	2.025	56	1108163	502.235
13) 1,1-Dichloroethene	(1)	2.112	96	259092	51.367
15) Freon 113	(1)	2.138	101	250706	51.100
14) Acetone	(1)	2.128	43	316331M	96.944
16) Methyl Iodide	(1)	2.228	142	516734	51.181
17) 2-Propanol	(4)	2.224	45	200860	245.544
18) Carbon Disulfide	(1)	2.288	76	932007	50.859
20) Allyl Chloride	(1)	2.378	41	553817	51.408
21) Methyl Acetate	(1)	2.382	43	382136	50.816
22) Methylene Chloride	(1)	2.481	84	319270	49.886
23) *t-Butyl Alcohol-d10	(4)	2.497	65	250237	250.000
24) t-Butyl Alcohol	(4)	2.574	59	276665	240.377
25) Acrylonitrile	(1)	2.680	53	201019	50.367
26) trans-1,2-Dichloroethene	(1)	2.718	96	296726	50.857
27) Methyl Tertiary Butyl Ether	(1)	2.728	73	1045836	50.104
29) n-Hexane	(1)	2.956	57	391916	50.976
40) 1,2-Dichloroethene (total)	(1)		96	629834	101.826
30) 1,1-Dichloroethane	(1)	3.081	63	565765	50.796
32) di-Isopropyl Ether	(1)	3.158	45	1172080	50.132
33) 2-Chloro-1,3-Butadiene	(1)	3.171	53	443988	50.444
36) Ethyl t-Butyl Ether	(1)	3.498	59	1048889	50.498
37) cis-1,2-Dichloroethene	(1)	3.617	96	333108	50.969
38) 2-Butanone	(1)	3.627	43	519775	102.494
39) 2,2-Dichloropropane	(1)	3.627	77	455713	50.682
41) Propionitrile	(4)	3.681	54	356622	241.468

M = Compound was manually integrated.

* = Compound is an internal standard.

Quant Report

Target Revision 3.5

Data File: /chem2/HP09355.i/07aug22b.b/yg22i03.d Instrument ID: HP09355.i
Injection date and time: 22-AUG-2007 10:49 Analyst ID: NRR01826

Method used: /chem2/HP09355.i/07aug22b.b/Y8260W.m Sublist used: 8260WIICAL
Calibration date and time: 22-AUG-2007 10:03
Date, time and analyst ID of latest file update: 22-Aug-2007 12:02 nrr01826

Sample Name: VSTD050 Lab Sample ID: VSTD050

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
43) Methacrylonitrile	(1)	3.826	67	462044	122.483
44) Bromochloromethane	(1)	3.838	128	170748	50.882
45) Tetrahydrofuran	(4)	3.883	71	124847	99.129
46) Chloroform	(1)	3.919	83	514505	50.115
50) 1,1,1-Trichloroethane	(1)	4.105	97	436947	50.180
51) Cyclohexane	(1)	4.166	56	506157	50.444
52) Cyclohexane (mz 84)	(1)	4.166	84	411844	49.300
53) Cyclohexane (mz 69)	(1)	4.162	69	141048	49.590
54) 1,1-Dichloropropene	(1)	4.259	75	419520	50.203
55) Carbon Tetrachloride	(1)	4.265	117	381666	50.682
56) Isobutyl Alcohol	(4)	4.384	41	235253	592.222
59) Benzene	(1)	4.458	78	1279718	50.342
61) 1,2-Dichloroethane	(1)	4.467	62	418263	48.931
60) 1,2-Dichloroethane (mz 98)	(1)	4.467	98	41276	51.146
64) t-Amyl Methyl Ether	(1)	4.583	73	998733	49.774
67) n-Heptane	(1)	4.740	43	417333	49.389
66) *Fluorobenzene	(1)	4.734	96	1170851	50.000
69) n-Butanol	(4)	5.051	56	407984	1211.283
70) Trichloroethene	(1)	5.099	95	305063	50.090
73) 1,2-Dichloropropane	(1)	5.324	63	347710	50.433
71) Methylcyclohexane (mz98)	(1)	5.302	98	215601	50.810
72) Methylcyclohexane	(1)	5.302	83	463021	50.482
75) Methyl Methacrylate	(1)	5.469	69	301779	49.765
74) Dibromomethane	(1)	5.440	93	207953	50.068
76) 1,4-Dioxane	(4)	5.462	88	63356	626.648
79) Bromodichloromethane	(1)	5.616	83	390657	49.866
81) 2-Nitropropane	(1)	5.847	41	241689	102.258
82) 2-Chloroethyl Vinyl Ether	(1)	5.950	63	255728	48.448
83) cis-1,3-Dichloropropene	(1)	6.088	75	544840	50.348
84) 4-Methyl-2-Pentanone	(1)	6.271	43	1158962	106.648
89) Toluene	(2)	6.447	92	801743	50.559
91) trans-1,3-Dichloropropene	(2)	6.691	75	509987	50.473
92) Ethyl Methacrylate	(2)	6.819	69	531970	50.549
93) 1,1,2-Trichloroethane	(2)	6.887	97	296958	49.170

* = Compound is an internal standard.

Quant Report

Target Revision 3.5

Data File: /chem2/HP09355.i/07aug22b.b/yg22i03.d Instrument ID: HP09355.i
Injection date and time: 22-AUG-2007 10:49 Analyst ID: NRR01826

Method used: /chem2/HP09355.i/07aug22b.b/Y8260W.m Sublist used: 8260WIICAL
Calibration date and time: 22-AUG-2007 10:03
Date, time and analyst ID of latest file update: 22-Aug-2007 12:02 nrr01826

Sample Name: VSTD050 Lab Sample ID: VSTD050

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
94) Tetrachloroethene	(2)	7.041	166	346401	49.468
95) 1,3-Dichloropropane	(2)	7.067	76	542248	50.160
97) 2-Hexanone	(2)	7.182	43	876282	113.459
99) Dibromochloromethane	(2)	7.304	129	330964	50.294
101) 1,2-Dibromoethane	(2)	7.413	107	324551	49.171
102) *Chlorobenzene-d5	(2)	7.878	117	878913	50.000
103) Chlorobenzene	(2)	7.904	112	912379	49.907
104) 1,1,1,2-Tetrachloroethane	(2)	7.991	131	327918	50.386
105) Ethylbenzene	(2)	8.020	91	1555663	50.300
106) m+p-Xylene	(2)	8.129	106	1236222	100.004
107) Xylene (Total)	(2)		106	1836592	148.994
108) o-Xylene	(2)	8.475	106	600370	48.990
109) Styrene	(2)	8.488	104	1033475	50.000
110) Bromoform	(2)	8.626	173	286830	49.675
112) Isopropylbenzene	(2)	8.790	105	1559872	50.209
114) Cyclohexanone	(4)	8.848	55	248938	609.383
118) 1,1,2,2-Tetrachloroethane	(3)	9.027	83	513787	50.285
120) trans-1,4-Dichloro-2-Butene	(3)	9.072	53	398231	124.184
117) Bromobenzene	(3)	9.018	156	419957	50.715
119) 1,2,3-Trichloropropane	(3)	9.056	110	146284	49.754
121) n-Propylbenzene	(3)	9.120	91	1904316	51.690
122) 2-Chlorotoluene	(3)	9.178	126	389048	50.541
123) 1,3,5-Trimethylbenzene	(3)	9.258	105	1363510	50.618
124) 4-Chlorotoluene	(3)	9.261	126	402737	49.656
127) tert-Butylbenzene	(3)	9.505	134	317960	50.185
128) Pentachloroethane	(3)	9.512	167	281716	50.201
129) 1,2,4-Trimethylbenzene	(3)	9.541	105	1416335	51.160
130) sec-Butylbenzene	(3)	9.669	105	1771014	51.724
132) p-Isopropyltoluene	(3)	9.775	119	1554130	51.122
131) 1,3-Dichlorobenzene	(3)	9.740	146	804861	50.161
133) *1,4-Dichlorobenzene-d4	(3)	9.788	152	527774	50.000
134) 1,4-Dichlorobenzene	(3)	9.804	146	828163	49.232
135) 1,2,3-Trimethylbenzene	(3)	9.845	105	1432272	50.596
136) Benzyl Chloride	(3)	9.903	91	1153874	50.511

* = Compound is an internal standard.

Quant Report

Target Revision 3.5

Data File: /chem2/HP09355.i/07aug22b.b/yg22i03.d Instrument ID: HP09355.i
Injection date and time: 22-AUG-2007 10:49 Analyst ID: NRR01826

Method used: /chem2/HP09355.i/07aug22b.b/Y8260W.m Sublist used: 8260WIICAL
Calibration date and time: 22-AUG-2007 10:03
Date, time and analyst ID of latest file update: 22-Aug-2007 12:02 nrr01826

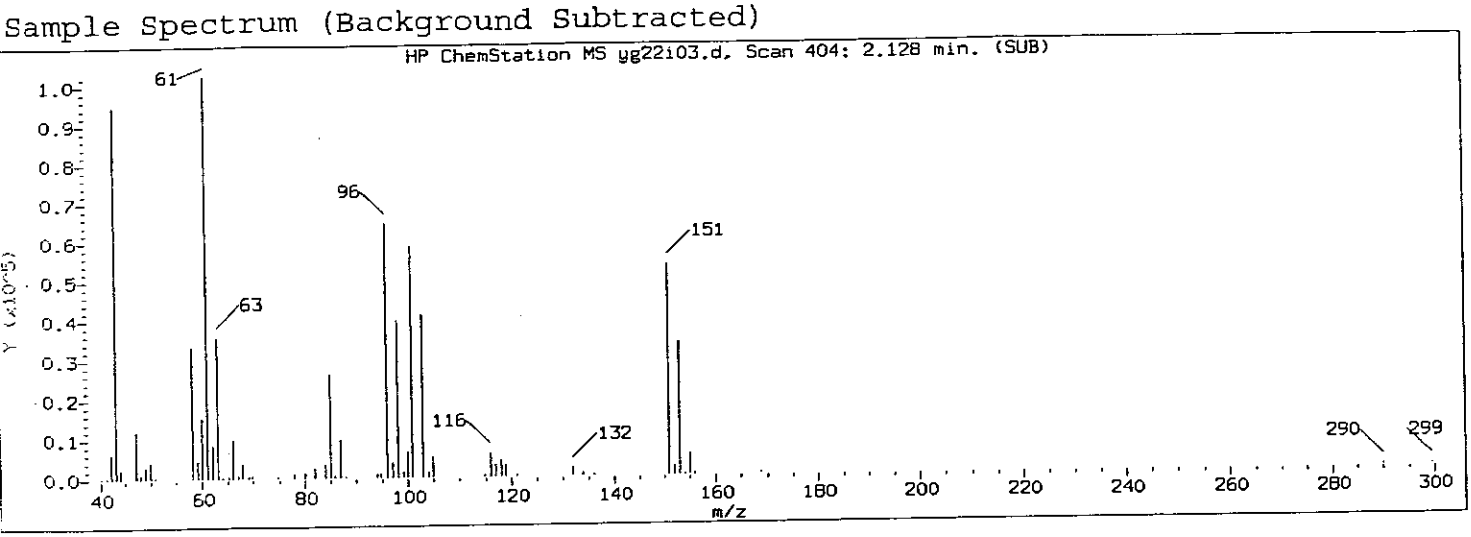
Sample Name: VSTD050 Lab Sample ID: VSTD050

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
137) 1,3-Diethylbenzene	(3)	9.993	105	900527	50.860
138) 1,4-Diethylbenzene	(3)	10.051	105	875558	50.103
139) n-Butylbenzene	(3)	10.067	92	785383	50.151
140) 1,2-Dichlorobenzene	(3)	10.070	146	806835	49.863
141) 1,2-Diethylbenzene	(3)	10.131	105	870903	50.607
143) 1,2-Dibromo-3-Chloropropane	(3)	10.606	75	113889	51.752
145) 1,2,4-Trichlorobenzene	(3)	11.161	180	636695	50.743
146) Hexachlorobutadiene	(3)	11.277	225	261658	49.548
147) Naphthalene	(3)	11.322	128	1821007	51.898
148) 1,2,3-Trichlorobenzene	(3)	11.479	180	602179	50.423
150) 2-Methylnaphthalene	(3)	12.044	142	905366	52.829
48) $Dibromofluoromethane	(1)	4.073	113	285985	50.177
57) $1,2-Dichloroethane-d4	(1)	4.394	102	76999M	50.676
49) $Dibromofluoromethane(mz111)	(1)	4.073	111	295432	50.734
58) $1,2-Dichloroethane-d4(mz104)	(1)	4.390	104	47182	50.099
86) $Toluene-d8(mz100)	(2)	6.373	100	733462	50.638
116) $4-Bromofluorobenzene(mz174)	(2)	8.905	174	393355	49.326
87) $Toluene-d8	(2)	6.377	98	1131756	50.798
115) $4-Bromofluorobenzene	(2)	8.902	95	418372	49.181

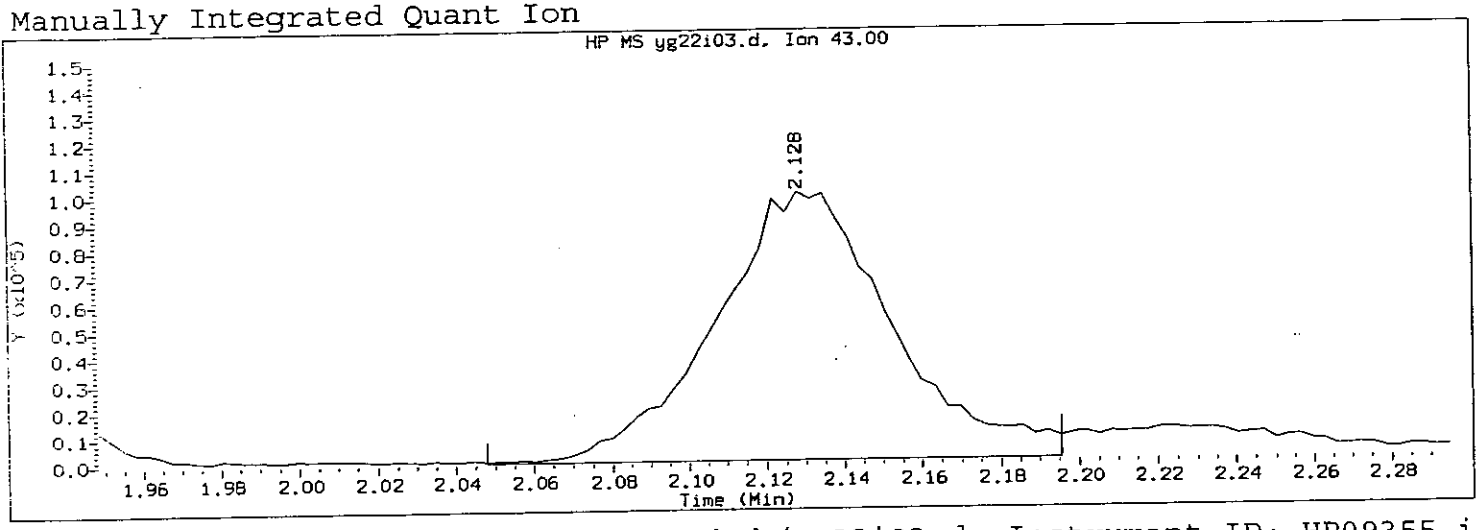
M = Compound was manually integrated.

$ = Compound is a surrogate standard.

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem2/HP09355.i/07aug22b.b/yg22i03.d Instrument ID: HP09355.i
Injection date and time: 22-AUG-2007 10:49 Analyst ID: NRR01826

Method used: /chem2/HP09355.i/07aug22b.b/Y8260W.m Sublist used: 8260WIICAL
Calibration date and time: 22-AUG-2007 11:22
Date, time and analyst ID of latest file update: 22-Aug-2007 12:02 nrr01826

Sample Name: VSTD050 Lab Sample ID: VSTD050

Compound Number : 14
Compound Name : Acetone
Scan Number : 404
Retention Time (minutes): 2.128
Quant Ion : 43
Area (flag) : 316331 M
Concentration (ug/L) : 96.9437
Integration start scan : 378 Integration stop scan: 424
Y at integration start : 0 Y at integration end: 0

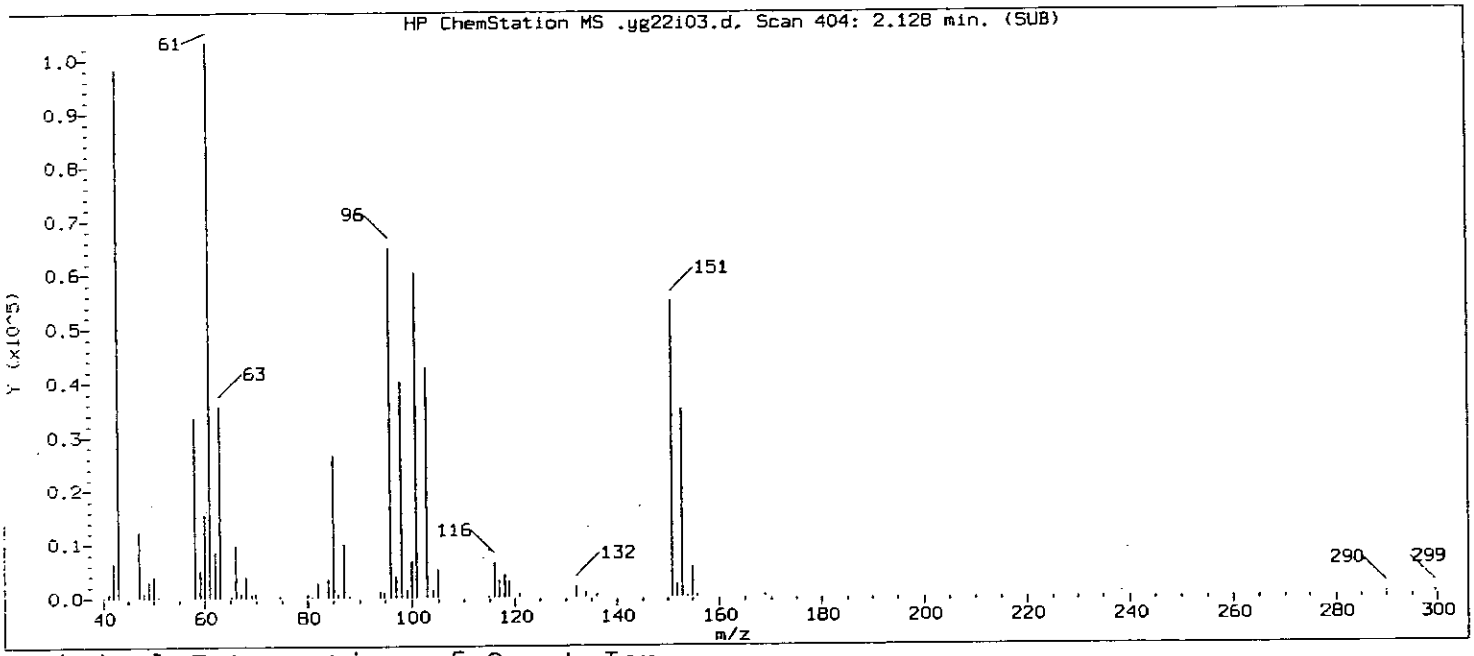
Reason for manual integration (circle one): missed peak improper integration

Analyst responsible for change: NRR 1826 8/22/07
8187

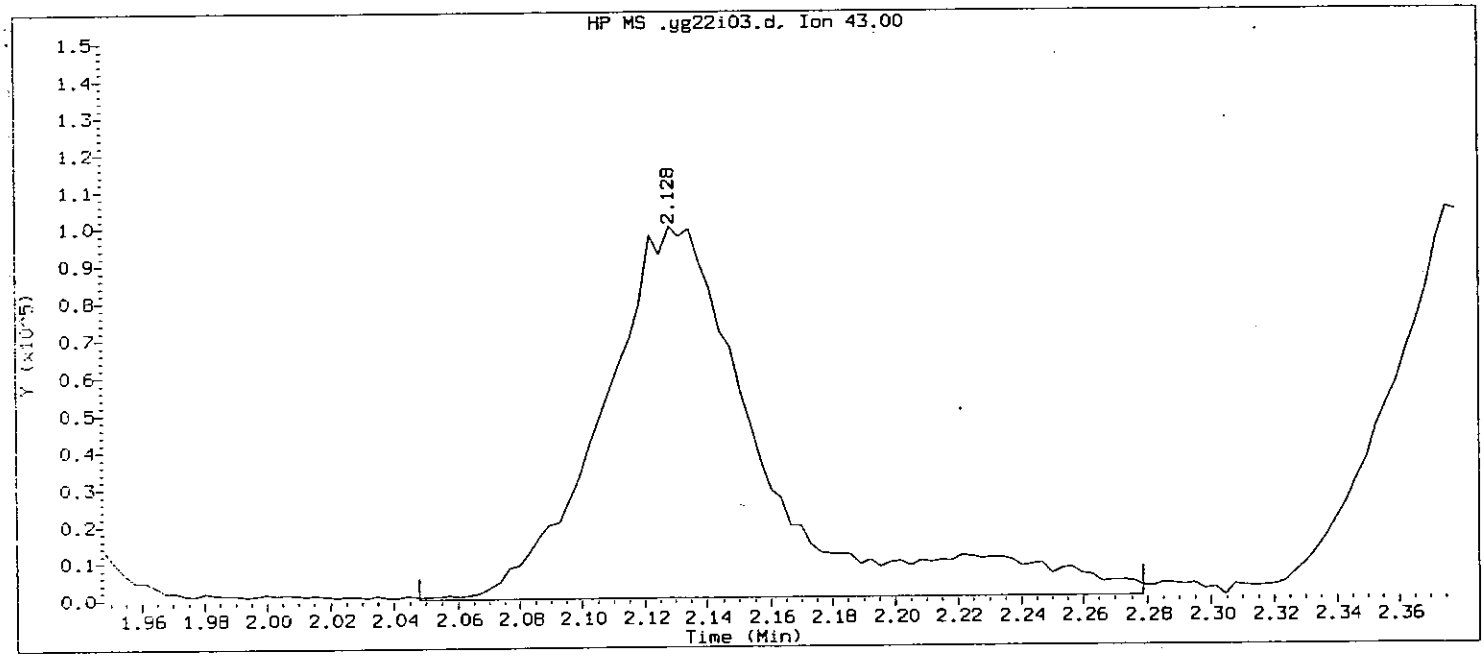
GC/MS audit/management approval: JM 321, 8/23/07

Manual Integration Report for data file /chem2/HP09355.i/07aug22b.b/yg22i03.d, generated on 08/22/2007 at 12:02

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem2/HP09355.i/07aug22b.b/yg22i03.d Instrument ID: HP09355.i
Injection date and time: 22-AUG-2007 10:49 Analyst ID: NRR01826

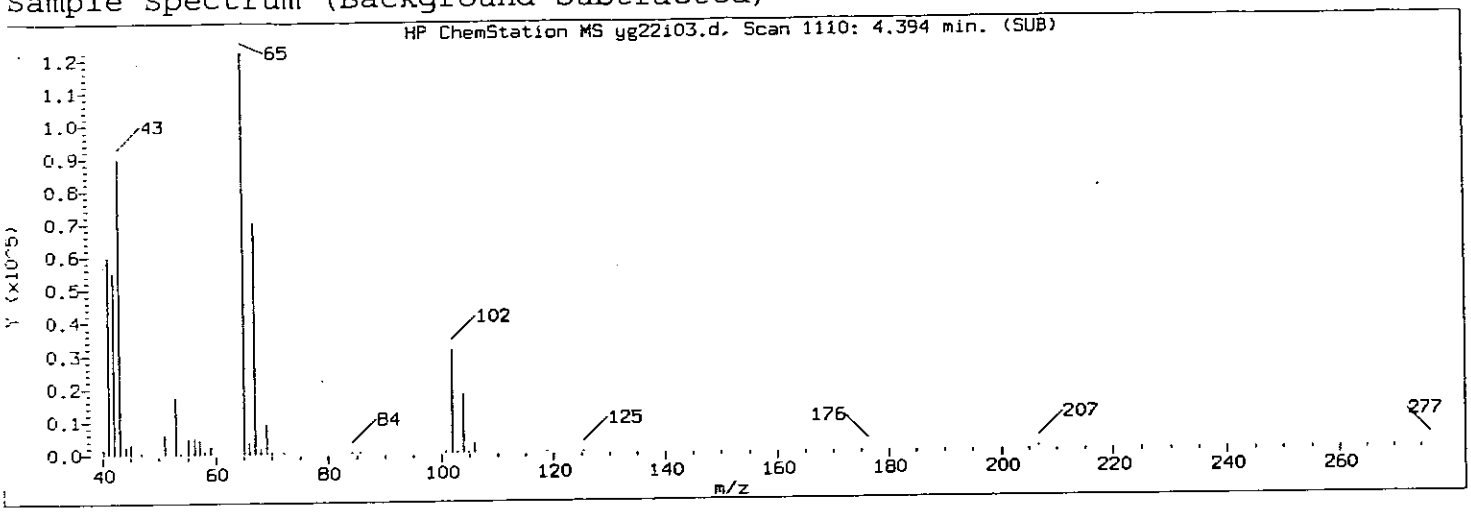
Method used: /chem2/HP09355.i/07aug22b.b/Y8260W.m Sublist used: 8260WIICAL
Calibration date and time: 22-AUG-2007 11:22
Date, time and analyst ID of latest file update: 22-Aug-2007 11:22 msn00708

Sample Name: VSTD050 Lab Sample ID: VSTD050

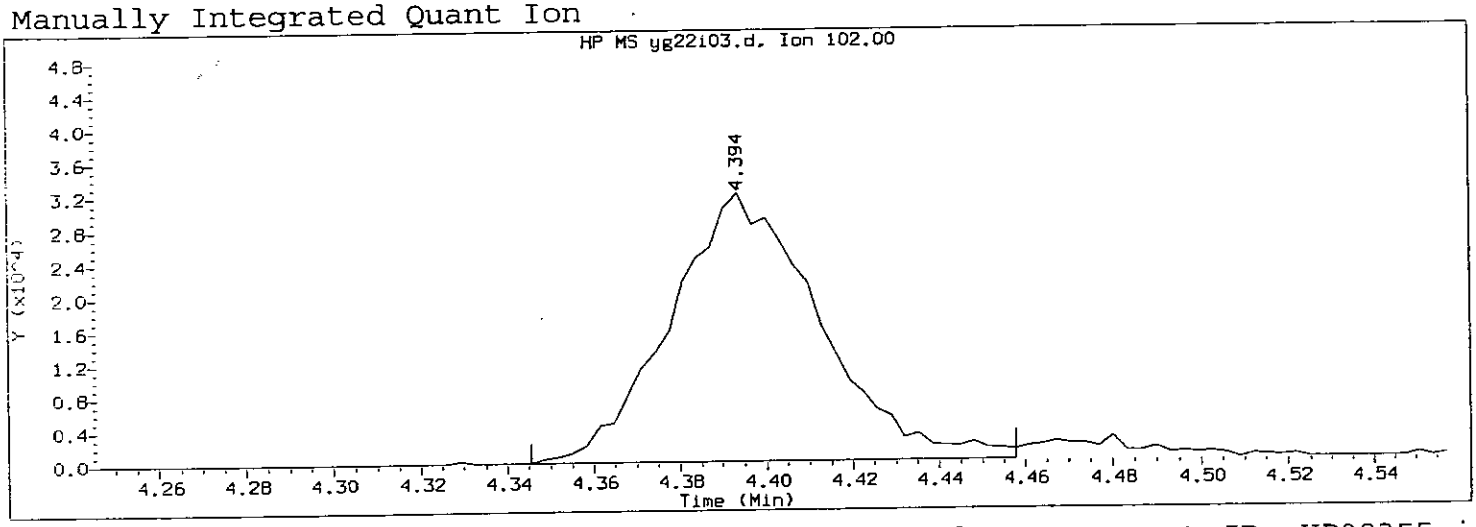
Compound Number : 14
Compound Name : Acetone
Scan Number : 404
Retention Time (minutes): 2.128 8188
Quant Ion : 43
Area : 356081
Concentration (ug/L) : 103.6402
Integration start scan : 378 Integration stop scan: 450
Y at integration start : 0 Y at integration end: 0

Original Integration Report for data file /chem2/HP09355.i/07aug22b.b/yg22i03.d, generated on 08/22/2007 at 12:02

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem2/HP09355.i/07aug22b.b/yg22i03.d Instrument ID: HP09355.i
Injection date and time: 22-AUG-2007 10:49 Analyst ID: NRR01826

Method used: /chem2/HP09355.i/07aug22b.b/Y8260W.m Sublist used: 8260WIICAL
Calibration date and time: 22-AUG-2007 11:22
Date, time and analyst ID of latest file update: 22-Aug-2007 12:02 nrr01826

Sample Name: VSTD050 Lab Sample ID: VSTD050

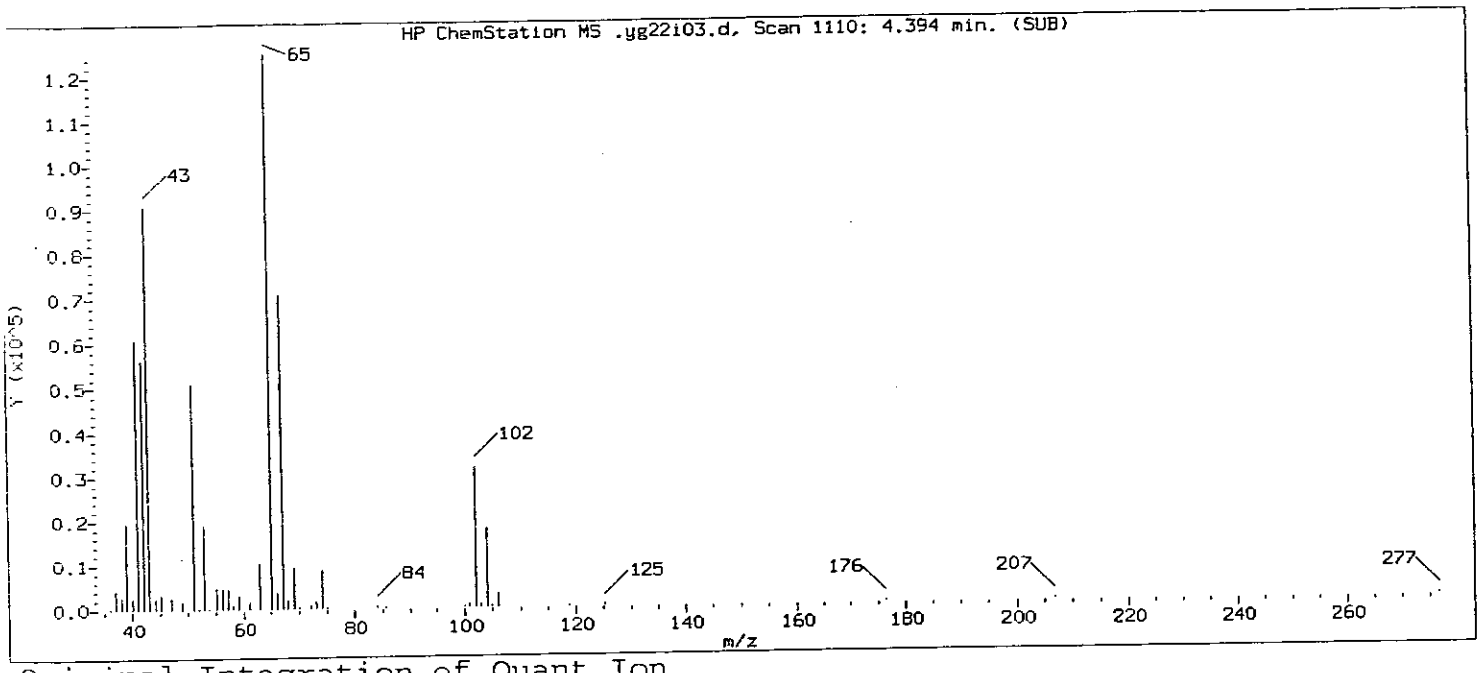
Compound Number	:	57
Compound Name	:	1,2-Dichloroethane-d4
Scan Number	:	1110
Retention Time (minutes)	:	4.394
Quant Ion	:	102
Area (flag)	:	76999 M
Concentration (ug/L)	:	50.6756
Integration start scan	:	1094 Integration stop scan: 1129
Y at integration start	:	0 Y at integration end: 0

Reason for manual integration (circle one): missed peak improper integration

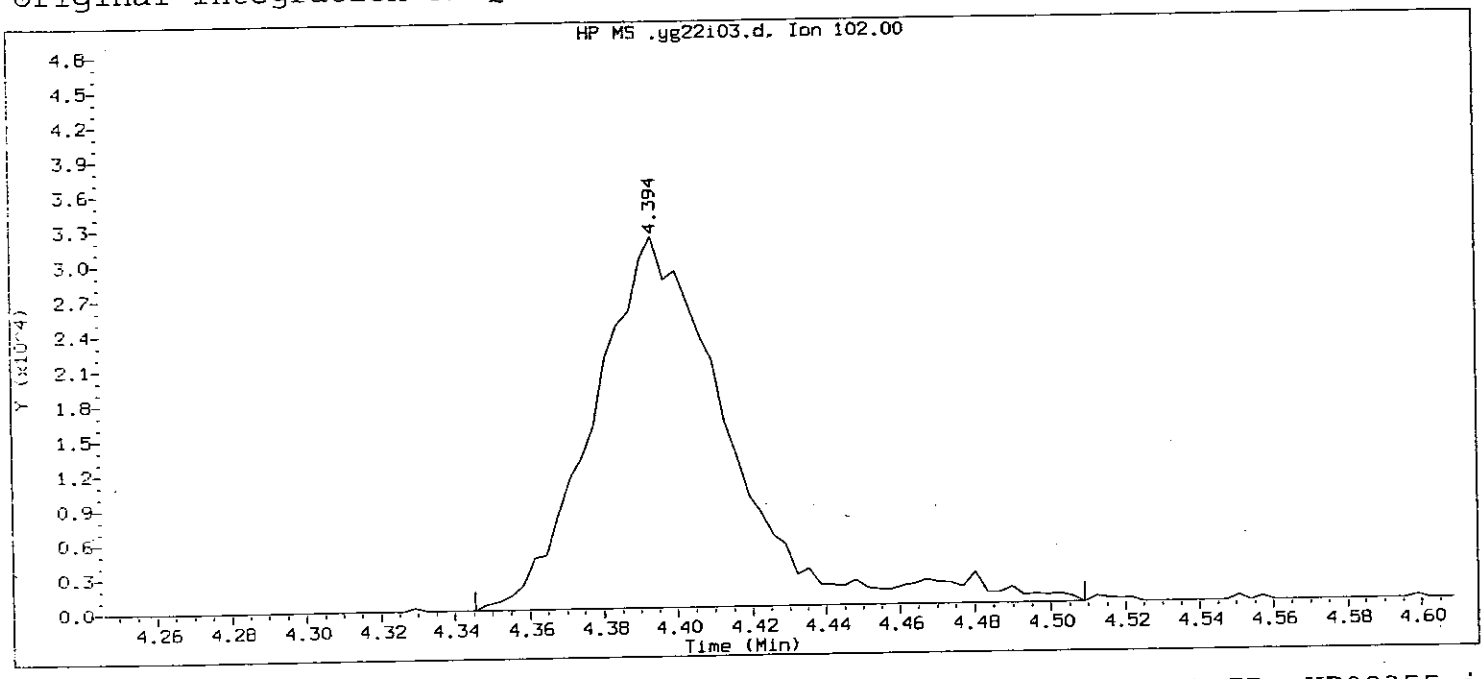
Analyst responsible for change: NRR 1826 8/22/07

GC/MS audit/management approval: 8/23/07

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem2/HP09355.i/07aug22b.b/yg22i03.d Instrument ID: HP09355.i
Injection date and time: 22-AUG-2007 10:49 Analyst ID: NRR01826

Method used: /chem2/HP09355.i/07aug22b.b/Y8260W.m Sublist used: 8260WIICAL
Calibration date and time: 22-AUG-2007 11:22
Date, time and analyst ID of latest file update: 22-Aug-2007 11:22 msn00708

Sample Name: VSTD050 Lab Sample ID: VSTD050

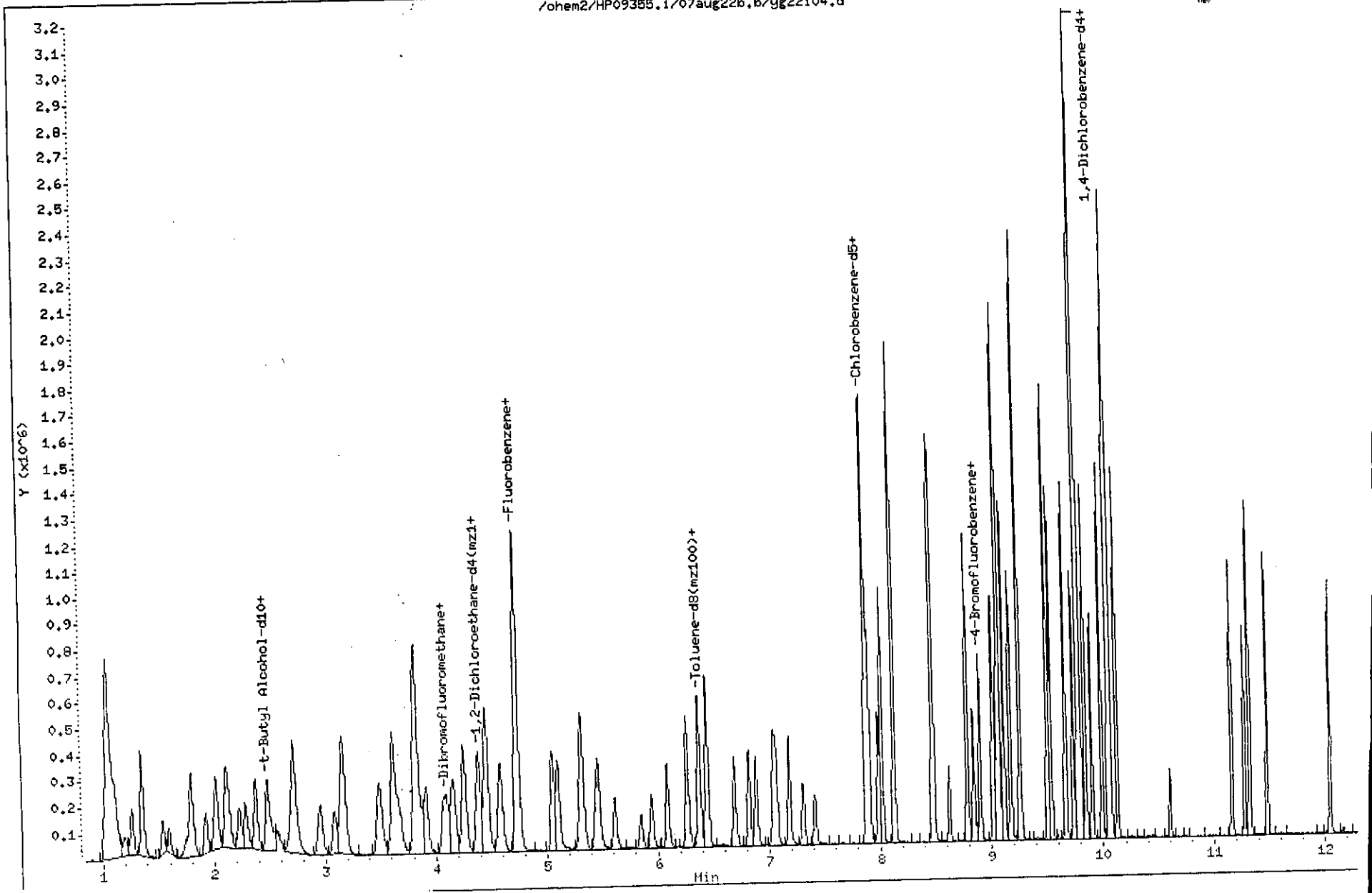
Compound Number	: 57
Compound Name	: 1,2-Dichloroethane-d4
Scan Number	: 1110
Retention Time (minutes)	: 4.394
Quant Ion	: 102
Area	: 80860
Concentration (ug/L)	: 52.1876
Integration start scan	: 1094 Integration stop scan: 1145
Y at integration start	: 0 Y at integration end: 0

Original Integration Report for data file /chem2/HP09355.i/07aug22b.b/yg22i03.d, generated on 08/22/2007 at 12:02

Data File: /ohem2/HP09355.i/07aug22b.b/yg22i04.d
Date : 22-AUG-2007 11:11
Client ID: VSTD020
Sample Info: VSTD020;VSTD020;1;1;;;;
Purge Volume: 5.0
Column phase: DB-624

NRR 1826 8/22/07

Instrument: HP09355.i
Operator: NRR01826
Column diameter: 0.18



Quant Report

Target Revision 3.5

Data File: /chem2/HP09355.i/07aug22b.b/yg22i04.d Instrument ID: HP09355.i
Injection date and time: 22-AUG-2007 11:11 Analyst ID: NRR01826

Method used: /chem2/HP09355.i/07aug22b.b/Y8260W.m Sublist used: 8260WIICAL
Calibration date and time: 22-AUG-2007 10:03
Date, time and analyst ID of latest file update: 22-Aug-2007 12:04 nrr01826

Sample Name: VSTD020 Lab Sample ID: VSTD020

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
1) Dichlorodifluoromethane	(1)	1.201	85	170451	21.281
2) Chloromethane	(1)	1.258	50	216178	20.594
3) 1,3-Butadiene	(1)	1.345	39	145936	19.635
4) Vinyl Chloride	(1)	1.358	62	205964	21.021
5) Bromomethane	(1)	1.531	94	120019	20.912
6) Chloroethane	(1)	1.592	64	115398	20.996
8) Trichlorofluoromethane	(1)	1.801	101	207143M	20.952
7) n-Pentane	(1)	1.797	43	194932	20.797
10) Ethyl Ether	(1)	1.923	59	131705	20.415
11) Acrolein	(4)	2.019	56	425574	204.794
13) 1,1-Dichloroethene	(1)	2.105	96	102889	20.777
15) Freon 113	(1)	2.128	101	99026	20.559
14) Acetone	(1)	2.131	43	115283M	37.713
16) Methyl Iodide	(1)	2.231	142	203872	20.568
17) 2-Propanol	(4)	2.224	45	157345	204.234
18) Carbon Disulfide	(1)	2.285	76	369214	20.522
20) Allyl Chloride	(1)	2.372	41	211562	20.003
21) Methyl Acetate	(1)	2.375	43	144298	19.545
22) Methylene Chloride	(1)	2.478	84	129577	20.622
23)*t-Butyl Alcohol-d10	(4)	2.487	65	235675	250.000
24) t-Butyl Alcohol	(4)	2.574	59	217110	200.288
25) Acrylonitrile	(1)	2.677	53	78714	20.089
26) trans-1,2-Dichloroethene	(1)	2.709	96	114474	19.984
27) Methyl Tertiary Butyl Ether	(1)	2.725	73	411872	20.098
29) n-Hexane	(1)	2.956	57	158782	21.036
40) 1,2-Dichloroethene (total)	(1)		96	242940	40.006
30) 1,1-Dichloroethane	(1)	3.081	63	222638	20.360
32) di-Isopropyl Ether	(1)	3.152	45	462635	20.155
33) 2-Chloro-1,3-Butadiene	(1)	3.171	53	176447	20.419
36) Ethyl t-Butyl Ether	(1)	3.492	59	405481	19.884
37) cis-1,2-Dichloroethene	(1)	3.617	96	128466	20.022
38) 2-Butanone	(1)	3.617	43	196512	39.469
39) 2,2-Dichloropropane	(1)	3.620	77	178103	20.176
41) Propionitrile	(4)	3.675	54	280163	201.419

M = Compound was manually integrated.

* = Compound is an internal standard.

Quant Report

Target Revision 3.5

Data File: /chem2/HP09355.i/07aug22b.b/yg22i04.d Instrument ID: HP09355.i
Injection date and time: 22-AUG-2007 11:11 Analyst ID: NRR01826

Method used: /chem2/HP09355.i/07aug22b.b/Y8260W.m Sublist used: 8260WIICAL
Calibration date and time: 22-AUG-2007 10:03
Date, time and analyst ID of latest file update: 22-Aug-2007 12:04 nrr01826

Sample Name: VSTD020 Lab Sample ID: VSTD020

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
43) Methacrylonitrile	(1)	3.816	67	372269	100.517
44) Bromochloromethane	(1)	3.841	128	65521	19.888
45) Tetrahydrofuran	(4)	3.883	71	46918	39.555
46) Chloroform	(1)	3.922	83	201339	19.975
50) 1,1,1-Trichloroethane	(1)	4.098	97	168784	19.743
51) Cyclohexane	(1)	4.156	56	201142	20.418
52) Cyclohexane (mz 84)	(1)	4.162	84	160028	19.512
53) Cyclohexane (mz 69)	(1)	4.162	69	57281	20.513
54) 1,1-Dichloropropene	(1)	4.255	75	166108	20.247
55) Carbon Tetrachloride	(1)	4.259	117	146465	19.810
56) Isobutyl Alcohol	(4)	4.377	41	188668	504.296
59) Benzene	(1)	4.454	78	504432	20.212
61) 1,2-Dichloroethane	(1)	4.464	62	166676	19.861
60) 1,2-Dichloroethane (mz 98)	(1)	4.474	98	15927	20.102
64) t-Amyl Methyl Ether	(1)	4.583	73	392130	19.906
67) n-Heptane	(1)	4.740	43	176642	21.293
66) *Fluorobenzene	(1)	4.730	96	1149509	50.000
69) n-Butanol	(4)	5.051	56	314656	991.920
70) Trichloroethene	(1)	5.103	95	120537	20.159
73) 1,2-Dichloropropane	(1)	5.321	63	136320	20.139
71) Methylcyclohexane (mz98)	(1)	5.305	98	83093	19.946
72) Methylcyclohexane	(1)	5.305	83	181951	20.206
75) Methyl Methacrylate	(1)	5.459	69	114214	19.184
74) Dibromomethane	(1)	5.436	93	80510	19.744
76) 1,4-Dioxane	(4)	5.468	88	46975	493.333
79) Bromodichloromethane	(1)	5.610	83	149637	19.455
81) 2-Nitropropane	(1)	5.844	41	87329	37.635
82) 2-Chloroethyl Vinyl Ether	(1)	5.940	63	100831	19.457
83) cis-1,3-Dichloropropene	(1)	6.088	75	208923	19.665
84) 4-Methyl-2-Pentanone	(1)	6.267	43	410211	38.449
89) Toluene	(2)	6.444	92	308290	19.819
91) trans-1,3-Dichloropropene	(2)	6.688	75	191210	19.291
92) Ethyl Methacrylate	(2)	6.823	69	198578	19.236
93) 1,1,2-Trichloroethane	(2)	6.883	97	119769	20.216

* = Compound is an internal standard.

Quant Report

Target Revision 3.5

Data File: /chem2/HP09355.i/07aug22b.b/yg22i04.d Instrument ID: HP09355.i
Injection date and time: 22-AUG-2007 11:11 Analyst ID: NRR01826

Method used: /chem2/HP09355.i/07aug22b.b/Y8260W.m Sublist used: 8260WIICAL
Calibration date and time: 22-AUG-2007 10:03
Date, time and analyst ID of latest file update: 22-Aug-2007 12:04 nrr01826

Sample Name: VSTD020 Lab Sample ID: VSTD020

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
94) Tetrachloroethene	(2)	7.038	166	137696	20.046
95) 1,3-Dichloropropane	(2)	7.070	76	208980	19.707
97) 2-Hexanone	(2)	7.182	43	287645	37.967
99) Dibromochloromethane	(2)	7.307	129	125946	19.510
101) 1,2-Dibromoethane	(2)	7.410	107	128539	19.853
102) *Chlorobenzene-d5	(2)	7.878	117	862175	50.000
103) Chlorobenzene	(2)	7.904	112	351820	19.618
104) 1,1,1,2-Tetrachloroethane	(2)	7.987	131	126826	19.865
105) Ethylbenzene	(2)	8.016	91	592316	19.523
106) m+p-Xylene	(2)	8.129	106	469033	38.679
107) Xylene (Total)	(2)		106	703776	58.206
108) o-Xylene	(2)	8.472	106	234743	19.527
109) Styrene	(2)	8.485	104	387849	19.129
110) Bromoform	(2)	8.626	173	107141	18.916
112) Isopropylbenzene	(2)	8.790	105	592997	19.458
114) Cyclohexanone	(4)	8.847	55	181976	472.989
118) 1,1,2,2-Tetrachloroethane	(3)	9.030	83	199143	19.561
120) trans-1,4-Dichloro-2-Butene	(3)	9.072	53	307666	96.292
117) Bromobenzene	(3)	9.017	156	160058	19.400
119) 1,2,3-Trichloropropane	(3)	9.053	110	57688	19.693
121) n-Propylbenzene	(3)	9.117	91	726508	19.792
122) 2-Chlorotoluene	(3)	9.175	126	150187	19.582
123) 1,3,5-Trimethylbenzene	(3)	9.258	105	512687	19.102
124) 4-Chlorotoluene	(3)	9.261	126	154432	19.110
127) tert-Butylbenzene	(3)	9.505	134	123580	19.577
128) Pentachloroethane	(3)	9.512	167	105497	18.868
129) 1,2,4-Trimethylbenzene	(3)	9.537	105	534425	19.375
130) sec-Butylbenzene	(3)	9.666	105	687917	20.165
132) p-Isopropyltoluene	(3)	9.775	119	600744	19.833
131) 1,3-Dichlorobenzene	(3)	9.739	146	316108	19.773
133) *1,4-Dichlorobenzene-d4	(3)	9.788	152	525854	50.000
134) 1,4-Dichlorobenzene	(3)	9.804	146	327209	19.523
135) 1,2,3-Trimethylbenzene	(3)	9.849	105	536868	19.035
136) Benzyl Chloride	(3)	9.903	91	427428	18.779

8194

* = Compound is an internal standard.

Quant Report

Target Revision 3.5

Data File: /chem2/HP09355.i/07aug22b.b/yg22i04.d Instrument ID: HP09355.i
Injection date and time: 22-AUG-2007 11:11 Analyst ID: NRR01826

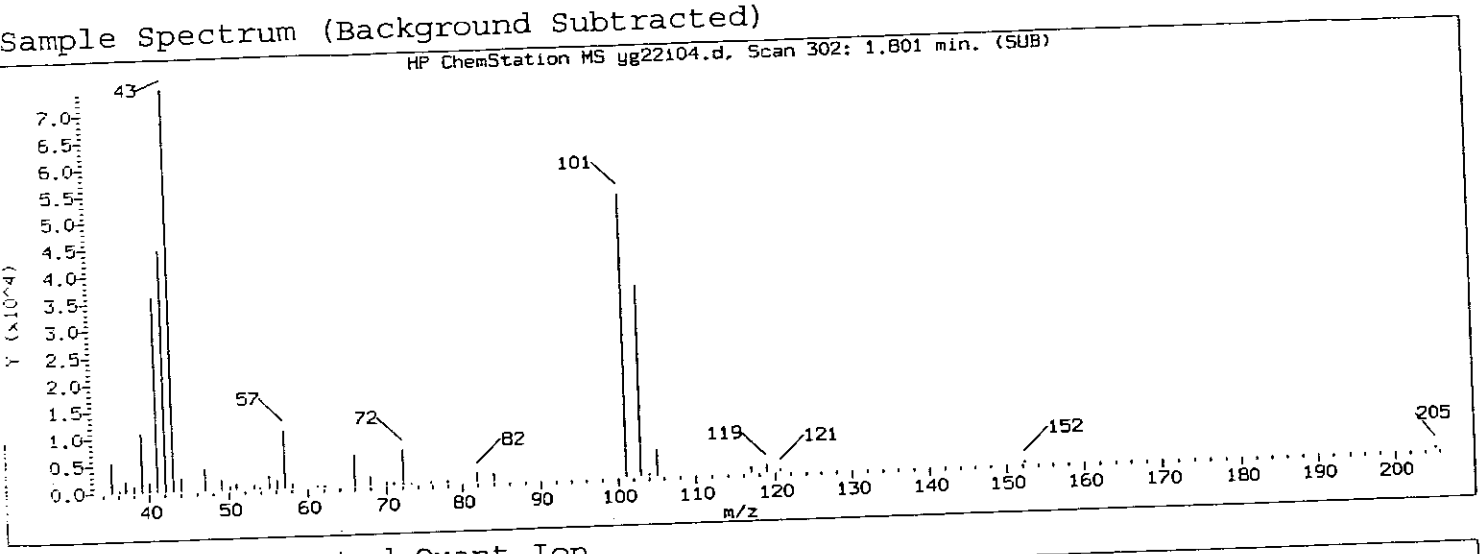
Method used: /chem2/HP09355.i/07aug22b.b/Y8260W.m Sublist used: 8260WIICAL
Calibration date and time: 22-AUG-2007 10:03
Date, time and analyst ID of latest file update: 22-Aug-2007 12:04 nrr01826

Sample Name: VSTD020 Lab Sample ID: VSTD020

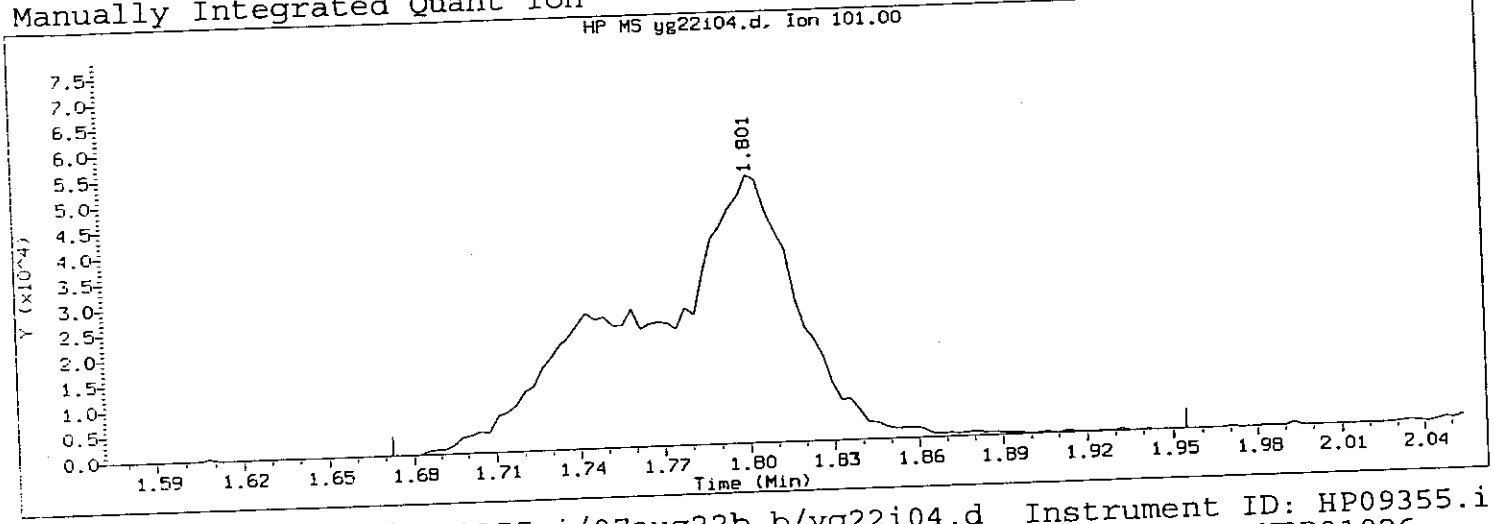
Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
137) 1,3-Diethylbenzene	(3)	9.993	105	330297	18.723
138) 1,4-Diethylbenzene	(3)	10.051	105	332079	19.072
139) n-Butylbenzene	(3)	10.067	92	300399	19.252
140) 1,2-Dichlorobenzene	(3)	10.070	146	309720	19.211
141) 1,2-Diethylbenzene	(3)	10.131	105	325825	19.002
143) 1,2-Dibromo-3-Chloropropane	(3)	10.606	75	40550	18.493
145) 1,2,4-Trichlorobenzene	(3)	11.164	180	244256	19.538
146) Hexachlorobutadiene	(3)	11.277	225	113245	21.522
147) Naphthalene	(3)	11.321	128	682672	19.527
148) 1,2,3-Trichlorobenzene	(3)	11.479	180	235352	19.779
150) 2-Methylnaphthalene	(3)	12.040	142	310943	18.210
48) $Dibromofluoromethane	(1)	4.069	113	112967	20.188
57) $1,2-Dichloroethane-d4	(1)	4.384	102	31321	20.996
49) $Dibromofluoromethane(mz111)	(1)	4.072	111	116782	20.427
58) $1,2-Dichloroethane-d4(mz104)	(1)	4.397	104	19347	20.924
86) $Toluene-d8(mz100)	(2)	6.370	100	298500	21.009
116) $4-Bromofluorobenzene(mz174)	(2)	8.905	174	158560	20.269
87) $Toluene-d8	(2)	6.373	98	451880	20.676
115) $4-Bromofluorobenzene	(2)	8.902	95	167143	20.029

$ = Compound is a surrogate standard.

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem2/HP09355.i/07aug22b.b/yg22i04.d Instrument ID: HP09355.i
Injection date and time: 22-AUG-2007 11:11 Analyst ID: NRR01826

Method used: /chem2/HP09355.i/07aug22b.b/Y8260W.m Sublist used: 8260WIICAL
Calibration date and time: 22-AUG-2007 11:42
Date, time and analyst ID of latest file update: 22-Aug-2007 12:04 nrr01826

Sample Name: VSTD020 Lab Sample ID: VSTD020

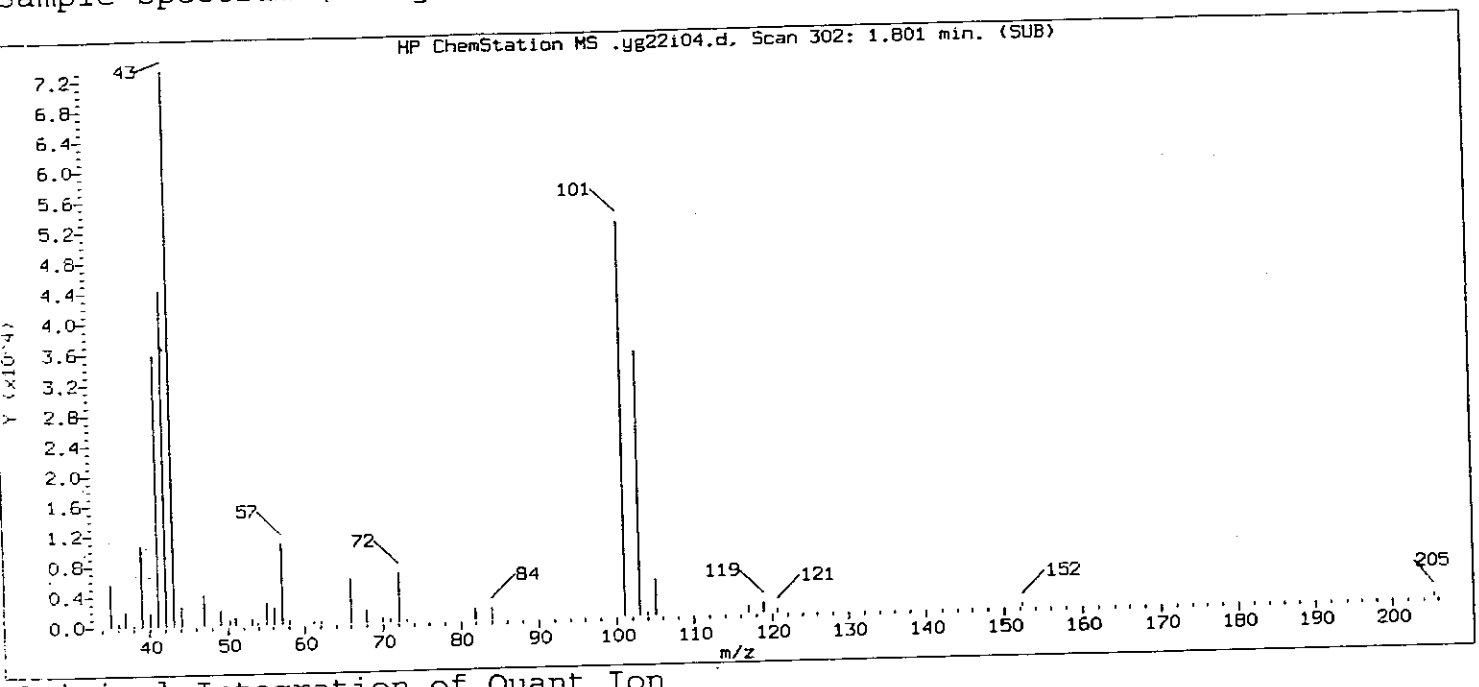
Compound Number	:	8
Compound Name	:	Trichlorofluoromethane
Scan Number	:	302
Retention Time (minutes)	:	1.801
Quant Ion	:	101
Area (flag)	:	207143 M
Concentration (ug/L)	:	20.9523
Integration start scan	:	261 Integration stop scan: 349
Y at integration start	:	0 Y at integration end: 0

Reason for manual integration (circle one): missed peak improper integration

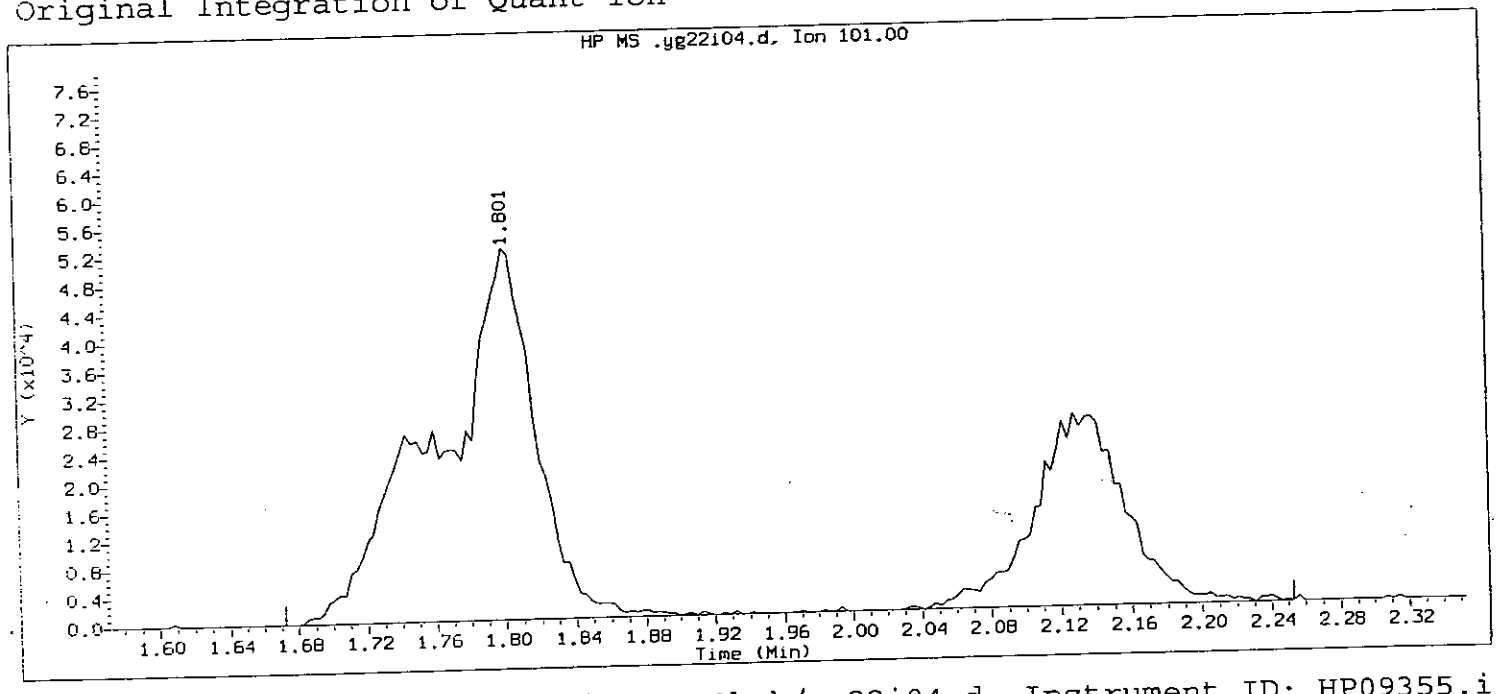
Analyst responsible for change: NRR 1826 8/22/07

GC/MS audit/management approval: [signature] 8/23/07

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem2/HP09355.i/07aug22b.b/yg22i04.d Instrument ID: HP09355.i
Injection date and time: 22-AUG-2007 11:11 Analyst ID: NRR01826

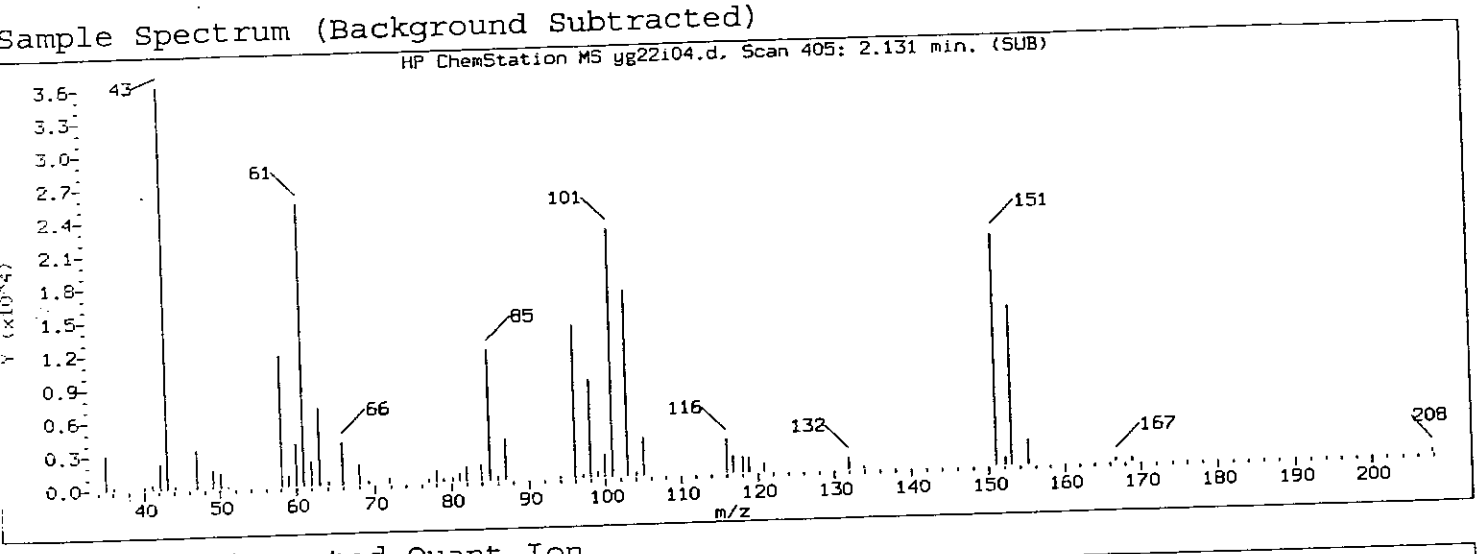
Method used: /chem2/HP09355.i/07aug22b.b/Y8260W.m Sublist used: 8260WIICAL
Calibration date and time: 22-AUG-2007 11:42
Date, time and analyst ID of latest file update: 22-Aug-2007 11:42 msn00708

Sample Name: VSTD020 Lab Sample ID: VSTD020

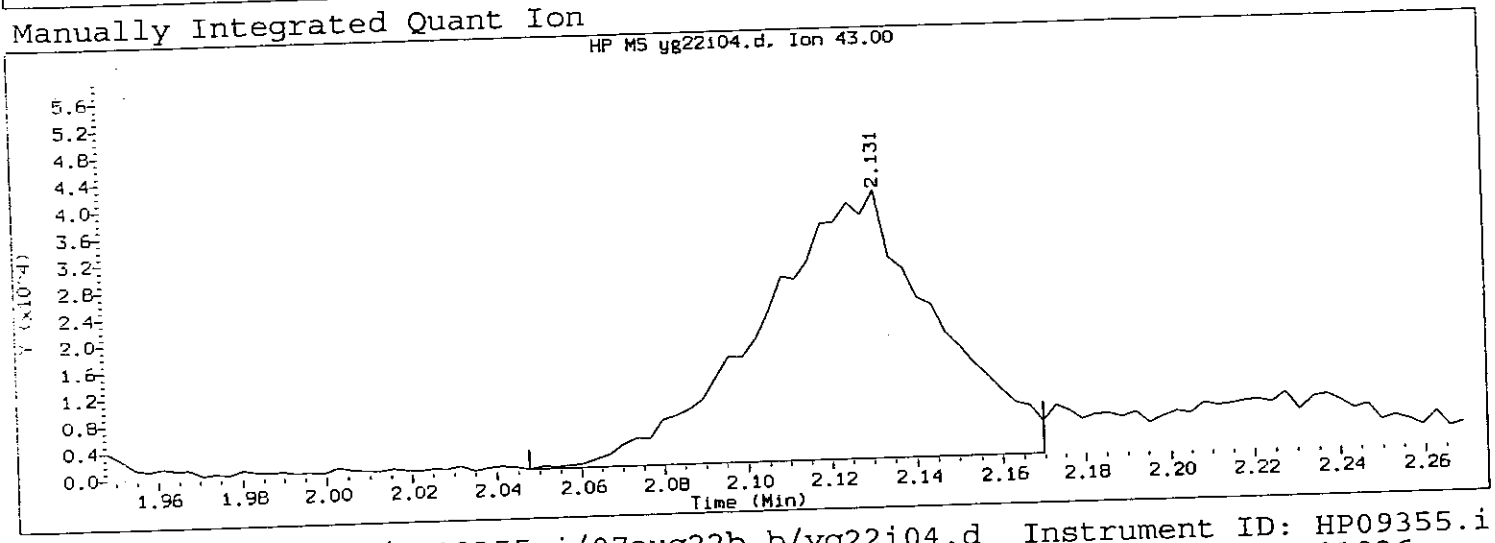
Compound Number	:	8
Compound Name	:	Trichlorofluoromethane
Scan Number	:	302
Retention Time (minutes)	:	1.801
Quant Ion	:	101
Area	:	306324
Concentration (ug/L)	:	27.7445
Integration start scan	:	261 Integration stop scan: 442
Y at integration start	:	0 Y at integration end: 0

6197

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem2/HP09355.i/07aug22b.b/yg22i04.d Instrument ID: HP09355.i
Injection date and time: 22-AUG-2007 11:11 Analyst ID: NRR01826

Method used: /chem2/HP09355.i/07aug22b.b/Y8260W.m Sublist used: 8260WIICAL
Calibration date and time: 22-AUG-2007 11:42
Date, time and analyst ID of latest file update: 22-Aug-2007 12:04 nrr01826

Sample Name: VSTD020 Lab Sample ID: VSTD020

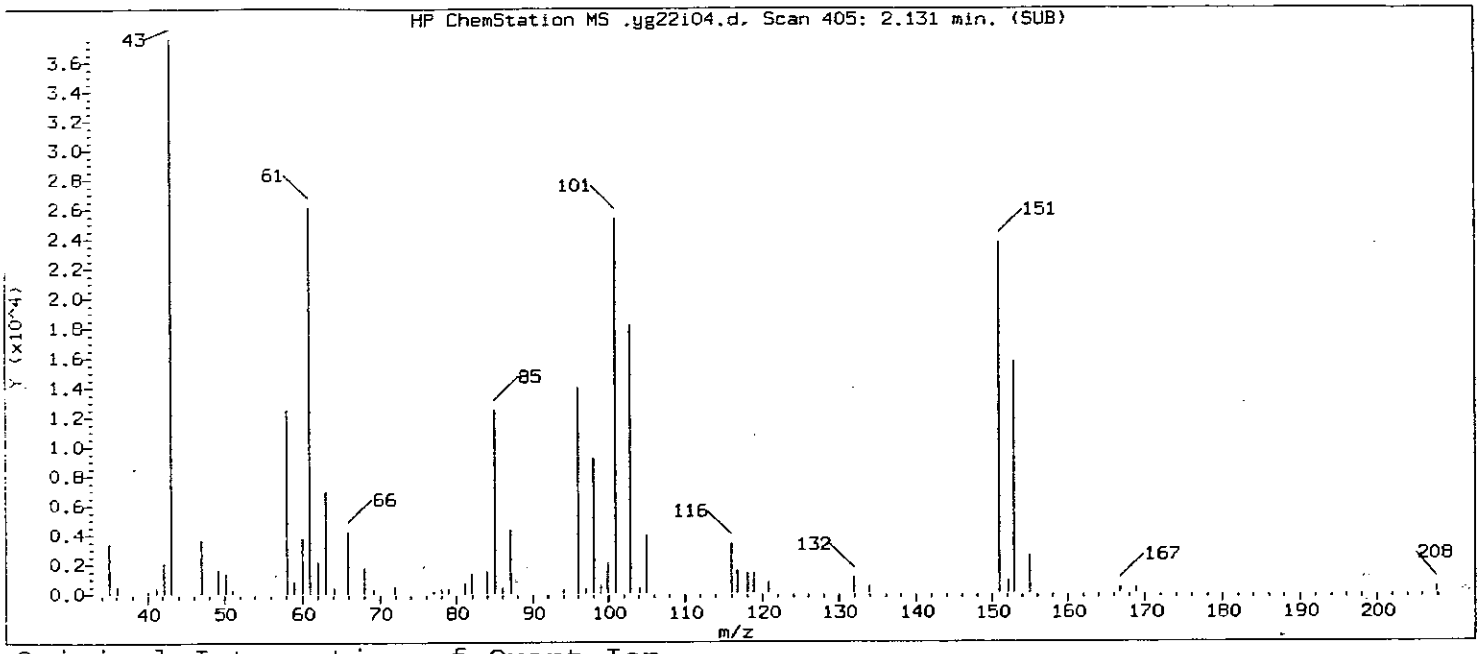
Compound Number	: 14
Compound Name	: Acetone
Scan Number	: 405
Retention Time (minutes)	: 2.131
Quant Ion	: 43
Area (flag)	: 115283 M
Concentration (ug/L)	: 37.7131
Integration start scan	: 378 Integration stop scan: 416
Y at integration start	: 0 Y at integration end: 0

Reason for manual integration (circle one): missed peak improper integration

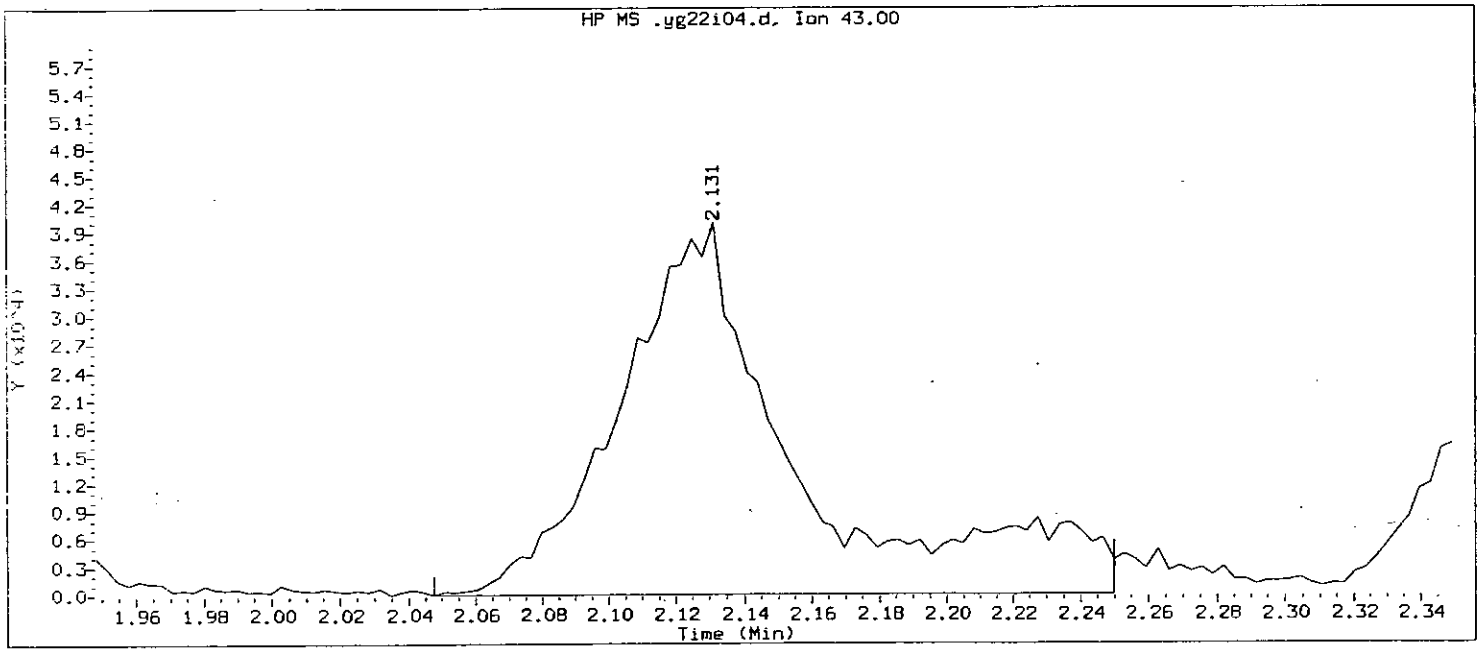
Analyst responsible for change: JRR 1st 8/22/07
8198

GC/MS audit/management approval: [signature] 8/23/07

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem2/HP09355.i/07aug22b.b/yg22i04.d Instrument ID: HP09355.i
Injection date and time: 22-AUG-2007 11:11 Analyst ID: NRR01826

Method used: /chem2/HP09355.i/07aug22b.b/Y8260W.m Sublist used: 8260WIICAL
Calibration date and time: 22-AUG-2007 11:42
Date, time and analyst ID of latest file update: 22-Aug-2007 11:42 msn00708

Sample Name: VSTD020 Lab Sample ID: VSTD020

Compound Number	:	14
Compound Name	:	Acetone
Scan Number	:	405
Retention Time (minutes)	:	2.131
Quant Ion	:	43
Area	:	144624
Concentration (ug/L)	:	42.1186
Integration start scan	:	378 Integration stop scan: 441
Y at integration start	:	0 Y at integration end: 0

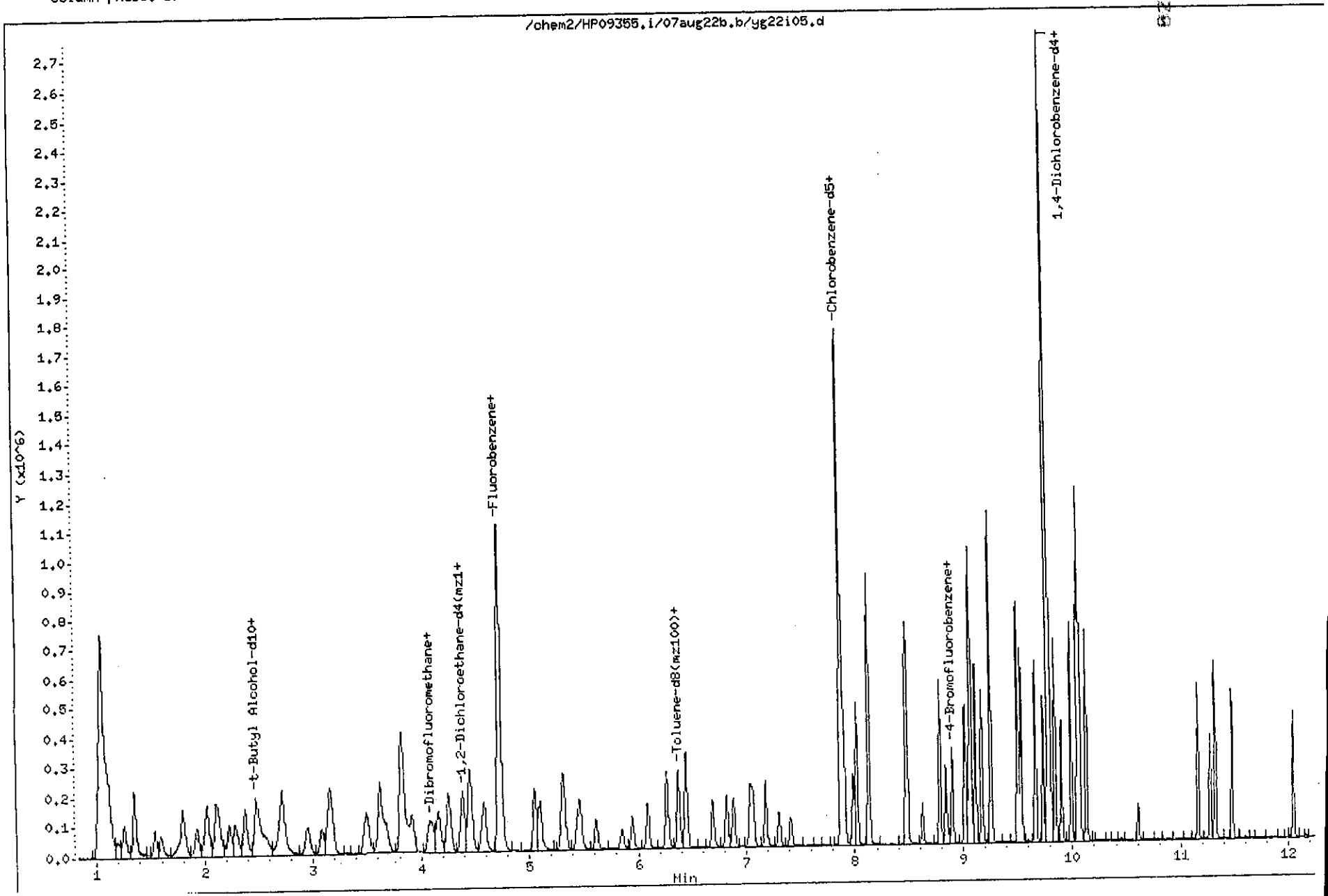
8199

Data File: /chem2/HP09355.i/07aug22b.b/yg22i05.d
Date : 22-AUG-2007 11:34
Client ID: VSTD010
Sample Info: VSTD010;VSTD010;1;1;;;;
Purge Volume: 5.0
Column phase: DB-624

NRR 1826 8/22/07

Instrument: HP09355.i

Operator: NRR01826
Column diameter: 0.18



Quant Report

Target Revision 3.5

Data File: /chem2/HP09355.i/07aug22b.b/yg22i05.d Instrument ID: HP09355.i
Injection date and time: 22-AUG-2007 11:34 Analyst ID: NRR01826

Method used: /chem2/HP09355.i/07aug22b.b/Y8260W.m Sublist used: 8260WIICAL
Calibration date and time: 22-AUG-2007 10:03
Date, time and analyst ID of latest file update: 22-Aug-2007 12:05 nrr01826

Sample Name: VSTD010 Lab Sample ID: VSTD010

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
1) Dichlorodifluoromethane	(1)	1.188	85	82782	10.304
2) Chloromethane	(1)	1.258	50	112993	10.732
3) 1,3-Butadiene	(1)	1.348	39	79777	10.701
4) Vinyl Chloride	(1)	1.348	62	102480	10.428
5) Bromomethane	(1)	1.538	94	60031	10.428
6) Chloroethane	(1)	1.599	64	60367	10.950
8) Trichlorofluoromethane	(1)	1.794	101	102586	10.345
7) n-Pentane	(1)	1.797	43	90979	9.677
10) Ethyl Ether	(1)	1.935	59	67532	10.436
11) Acrolein	(4)	2.025	56	223661	106.226
13) 1,1-Dichloroethene	(1)	2.109	96	48598	9.784
15) Freon 113	(1)	2.138	101	47534	9.839
14) Acetone	(1)	2.125	43	67147	21.899
16) Methyl Iodide	(1)	2.227	142	98509	9.908
17) 2-Propanol	(4)	2.231	45	79361	101.668
18) Carbon Disulfide	(1)	2.285	76	177254	9.822
20) Allyl Chloride	(1)	2.378	41	106583	10.047
21) Methyl Acetate	(1)	2.381	43	77880	10.517
22) Methylene Chloride	(1)	2.481	84	67119	10.650
23)*t-Butyl Alcohol-d10	(4)	2.497	65	238788	250.000
24) t-Butyl Alcohol	(4)	2.580	59	112624M	104.231
25) Acrylonitrile	(1)	2.670	53	41384	10.530
26) trans-1,2-Dichloroethene	(1)	2.715	96	57444	9.998
27) Methyl Tertiary Butyl Ether	(1)	2.731	73	201863	9.820
29) n-Hexane	(1)	2.949	57	70489	9.310
40) 1,2-Dichloroethene (total)	(1)		96	119736	19.677
30) 1,1-Dichloroethane	(1)	3.081	63	106903	9.747
32) di-Isopropyl Ether	(1)	3.158	45	223868	9.724
33) 2-Chloro-1,3-Butadiene	(1)	3.174	53	81286	9.378
36) Ethyl t-Butyl Ether	(1)	3.495	59	197456	9.653
37) cis-1,2-Dichloroethene	(1)	3.620	96	62292	9.679
38) 2-Butanone	(1)	3.623	43	101595	20.344
39) 2,2-Dichloropropane	(1)	3.630	77	83338	9.412
41) Propionitrile	(4)	3.678	54	142032	100.781

M = Compound was manually integrated.

* = Compound is an internal standard.

Quant Report

Target Revision 3.5

Data File: /chem2/HP09355.i/07aug22b.b/yg22i05.d Instrument ID: HP09355.i
Injection date and time: 22-AUG-2007 11:34 Analyst ID: NRR01826

Method used: /chem2/HP09355.i/07aug22b.b/Y8260W.m Sublist used: 8260WIICAL
Calibration date and time: 22-AUG-2007 10:03
Date, time and analyst ID of latest file update: 22-Aug-2007 12:05 nrr01826

Sample Name: VSTD010 Lab Sample ID: VSTD010

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
43) Methacrylonitrile	(1)	3.819	67	184123	49.565
44) Bromochloromethane	(1)	3.842	128	31690	9.590
45) Tetrahydrofuran	(4)	3.874	71	25347	21.091
46) Chloroform	(1)	3.919	83	97320	9.626
50) 1,1,1-Trichloroethane	(1)	4.095	97	82906	9.668
51) Cyclohexane	(1)	4.162	56	94320	9.545
52) Cyclohexane (mz 84)	(1)	4.162	84	75431M	9.468
53) Cyclohexane (mz 69)	(1)	4.159	69	26544	9.477
54) 1,1-Dichloropropene	(1)	4.252	75	79891	9.708
55) Carbon Tetrachloride	(1)	4.265	117	69359	9.353
56) Isobutyl Alcohol	(4)	4.387	41	94806	250.106
59) Benzene	(1)	4.458	78	238653	9.534
61) 1,2-Dichloroethane	(1)	4.467	62	82089	9.752
60) 1,2-Dichloroethane (mz 98)	(1)	4.474	98	7486	9.420
64) t-Amyl Methyl Ether	(1)	4.589	73	189515	9.591
67) n-Heptane	(1)	4.743	43	74886	9.000
66) *Fluorobenzene	(1)	4.730	96	1153002	50.000
69) n-Butanol	(4)	5.058	56	156014	485.406
70) Trichloroethene	(1)	5.106	95	56762	9.464
73) 1,2-Dichloropropane	(1)	5.324	63	63322	9.327
71) Methylcyclohexane (mz98)	(1)	5.298	98	39623	9.482
72) Methylcyclohexane	(1)	5.298	83	85248	9.438
75) Methyl Methacrylate	(1)	5.468	69	55984	9.375
74) Dibromomethane	(1)	5.436	93	39441	9.643
76) 1,4-Dioxane	(4)	5.478	88	21442	222.249
79) Bromodichloromethane	(1)	5.613	83	72250	9.365
81) 2-Nitropropane	(1)	5.844	41	44907	19.294
82) 2-Chloroethyl Vinyl Ether	(1)	5.943	63	50393	9.695
83) cis-1,3-Dichloropropene	(1)	6.091	75	96412	9.047
84) 4-Methyl-2-Pentanone	(1)	6.264	43	208548	19.488
89) Toluene	(2)	6.447	92	148556	9.655
91) trans-1,3-Dichloropropene	(2)	6.691	75	93228	9.510
92) Ethyl Methacrylate	(2)	6.826	69	93101	9.118
93) 1,1,2-Trichloroethane	(2)	6.884	97	58427	9.971

M = Compound was manually integrated.

8282

* = Compound is an internal standard.

Quant Report

Target Revision 3.5

Data File: /chem2/HP09355.i/07aug22b.b/yg22i05.d Instrument ID: HP09355.i
Injection date and time: 22-AUG-2007 11:34 Analyst ID: NRR01826

Method used: /chem2/HP09355.i/07aug22b.b/Y8260W.m Sublist used: 8260WIICAL
Calibration date and time: 22-AUG-2007 10:03
Date, time and analyst ID of latest file update: 22-Aug-2007 12:05 nrr01826

Sample Name: VSTD010 Lab Sample ID: VSTD010

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
94) Tetrachloroethene	(2)	7.041	166	68933	10.146
95) 1,3-Dichloropropane	(2)	7.067	76	102415	9.764
97) 2-Hexanone	(2)	7.185	43	145873	19.466
99) Dibromochloromethane	(2)	7.304	129	58519	9.165
101) 1,2-Dibromoethane	(2)	7.410	107	63063	9.847
102) *Chlorobenzene-d5	(2)	7.878	117	852783	50.000
103) Chlorobenzene	(2)	7.904	112	173511	9.782
104) 1,1,1,2-Tetrachloroethane	(2)	7.991	131	58436	9.254
105) Ethylbenzene	(2)	8.023	91	283816	9.458
106) m+p-Xylene	(2)	8.129	106	225510	18.802
107) Xylene (Total)	(2)		106	340083	28.437
108) o-Xylene	(2)	8.475	106	114573	9.636
109) Styrene	(2)	8.485	104	180249	8.988
110) Bromoform	(2)	8.629	173	51599	9.210
112) Isopropylbenzene	(2)	8.790	105	278760	9.248
114) Cyclohexanone	(4)	8.847	55	94154	241.533
118) 1,1,2,2-Tetrachloroethane	(3)	9.030	83	96118	9.842
120) trans-1,4-Dichloro-2-Butene	(3)	9.072	53	149366M	48.970
117) Bromobenzene	(3)	9.014	156	78833	9.960
119) 1,2,3-Trichloropropane	(3)	9.056	110	27861	9.914
121) n-Propylbenzene	(3)	9.117	91	345469	9.811
122) 2-Chlorotoluene	(3)	9.175	126	72784	9.893
123) 1,3,5-Trimethylbenzene	(3)	9.258	105	243106	9.442
124) 4-Chlorotoluene	(3)	9.261	126	77572	10.007
127) tert-Butylbenzene	(3)	9.502	134	58230	9.616
128) Pentachloroethane	(3)	9.512	167	52435	9.776
129) 1,2,4-Trimethylbenzene	(3)	9.541	105	249340	9.423
130) sec-Butylbenzene	(3)	9.666	105	307875	9.408
132) p-Isopropyltoluene	(3)	9.775	119	270428	9.307
131) 1,3-Dichlorobenzene	(3)	9.740	146	147362	9.609
133) *1,4-Dichlorobenzene-d4	(3)	9.788	152	504448	50.000
134) 1,4-Dichlorobenzene	(3)	9.804	146	159022	9.890
135) 1,2,3-Trimethylbenzene	(3)	9.845	105	270076	9.982
136) Benzyl Chloride	(3)	9.903	91	198105	9.073

M = Compound was manually integrated.

* = Compound is an internal standard.

Quant Report

Target Revision 3.5

Data File: /chem2/HP09355.i/07aug22b.b/yg22i05.d Instrument ID: HP09355.i
Injection date and time: 22-AUG-2007 11:34 Analyst ID: NRR01826

Method used: /chem2/HP09355.i/07aug22b.b/Y8260W.m Sublist used: 8260WIICAL
Calibration date and time: 22-AUG-2007 10:03
Date, time and analyst ID of latest file update: 22-Aug-2007 12:05 nrr01826

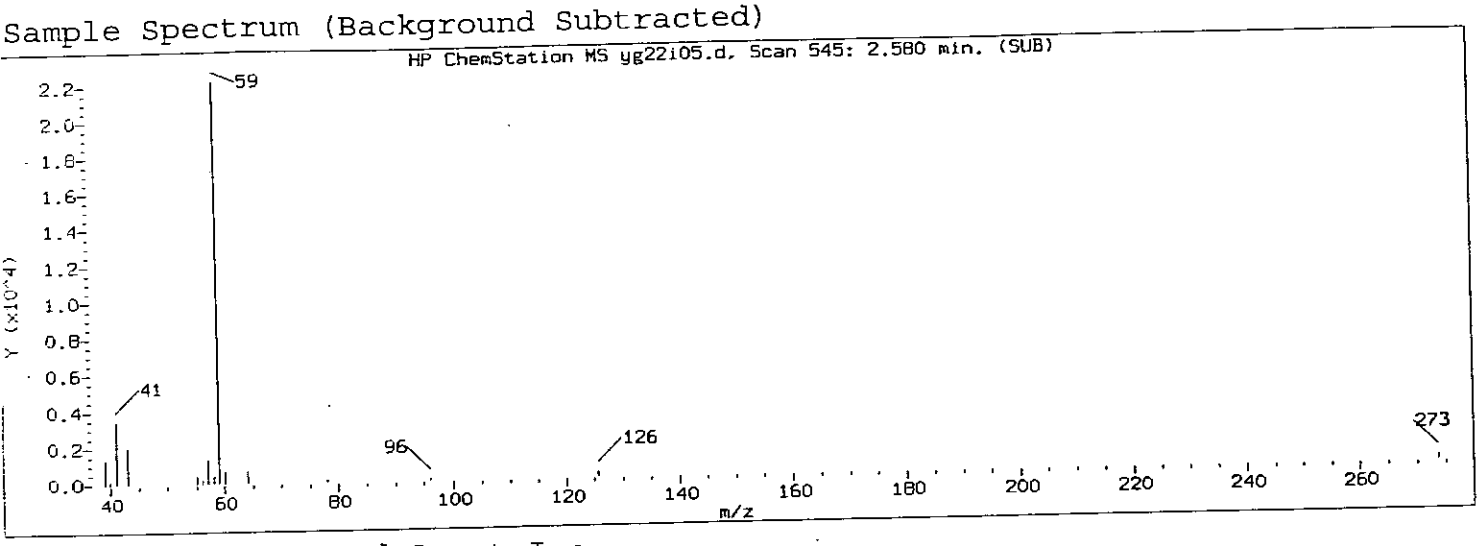
Sample Name: VSTD010 Lab Sample ID: VSTD010

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
137) 1,3-Diethylbenzene	(3)	9.993	105	166634	9.846
138) 1,4-Diethylbenzene	(3)	10.051	105	162113	9.706
139) n-Butylbenzene	(3)	10.067	92	139866	9.344
140) 1,2-Dichlorobenzene	(3)	10.070	146	149121	9.642
141) 1,2-Diethylbenzene	(3)	10.131	105	161902	9.843
143) 1,2-Dibromo-3-Chloropropane	(3)	10.606	75	19967	9.493
145) 1,2,4-Trichlorobenzene	(3)	11.161	180	115794	9.655
146) Hexachlorobutadiene	(3)	11.277	225	49152	9.738
147) Naphthalene	(3)	11.322	128	321322	9.581
148) 1,2,3-Trichlorobenzene	(3)	11.479	180	112183	9.828
150) 2-Methylnaphthalene	(3)	12.044	142	141618M	8.682
48) $Dibromofluoromethane	(1)	4.069	113	52199	9.300
57) $1,2-Dichloroethane-d4	(1)	4.390	102	14093	9.419
49) $Dibromofluoromethane (mz111)	(1)	4.069	111	52383	9.135
58) $1,2-Dichloroethane-d4 (mz104)	(1)	4.381	104	8413	9.071
86) $Toluene-d8 (mz100)	(2)	6.380	100	125548	8.933
116) $4-Bromofluorobenzene (mz174)	(2)	8.905	174	71444	9.234
87) $Toluene-d8	(2)	6.377	98	193234	8.939
115) $4-Bromofluorobenzene	(2)	8.902	95	76733	9.297

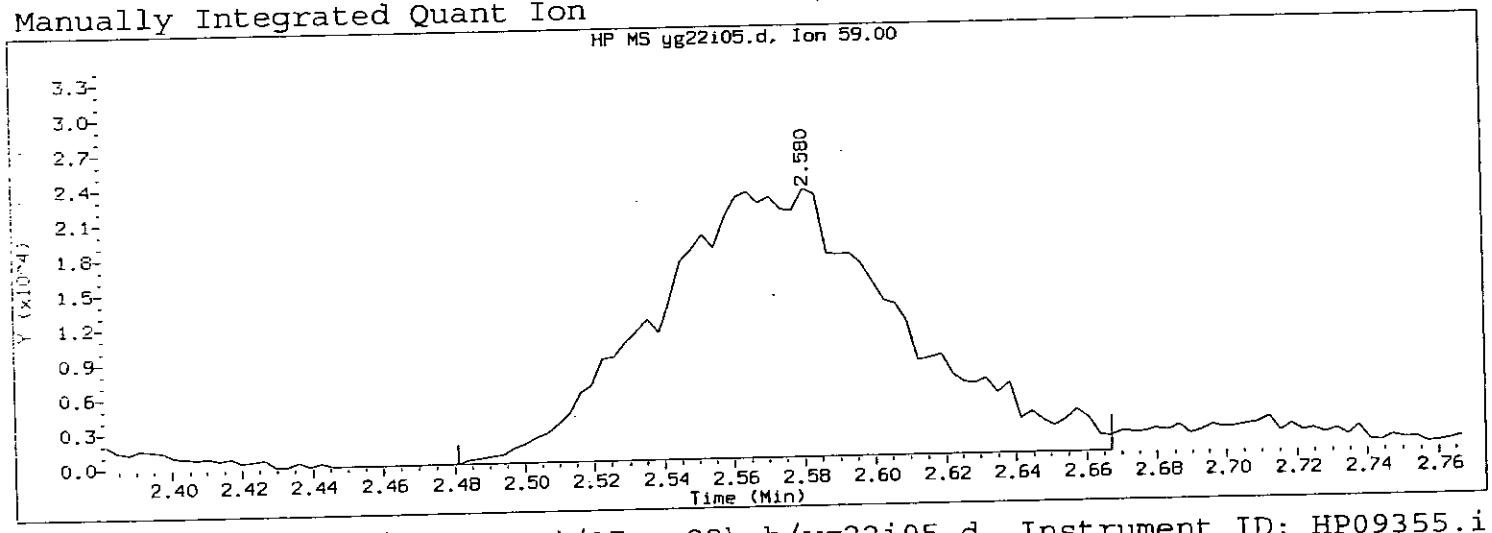
M = Compound was manually integrated.

$ = Compound is a surrogate standard.

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem2/HP09355.i/07aug22b.b/yg22i05.d Instrument ID: HP09355.i
Injection date and time: 22-AUG-2007 11:34 Analyst ID: NRR01826

Method used: /chem2/HP09355.i/07aug22b.b/Y8260W.m Sublist used: 8260WIICAL
Calibration date and time: 22-AUG-2007 11:50
Date, time and analyst ID of latest file update: 22-Aug-2007 12:05 nrr01826

Sample Name: VSTD010 Lab Sample ID: VSTD010

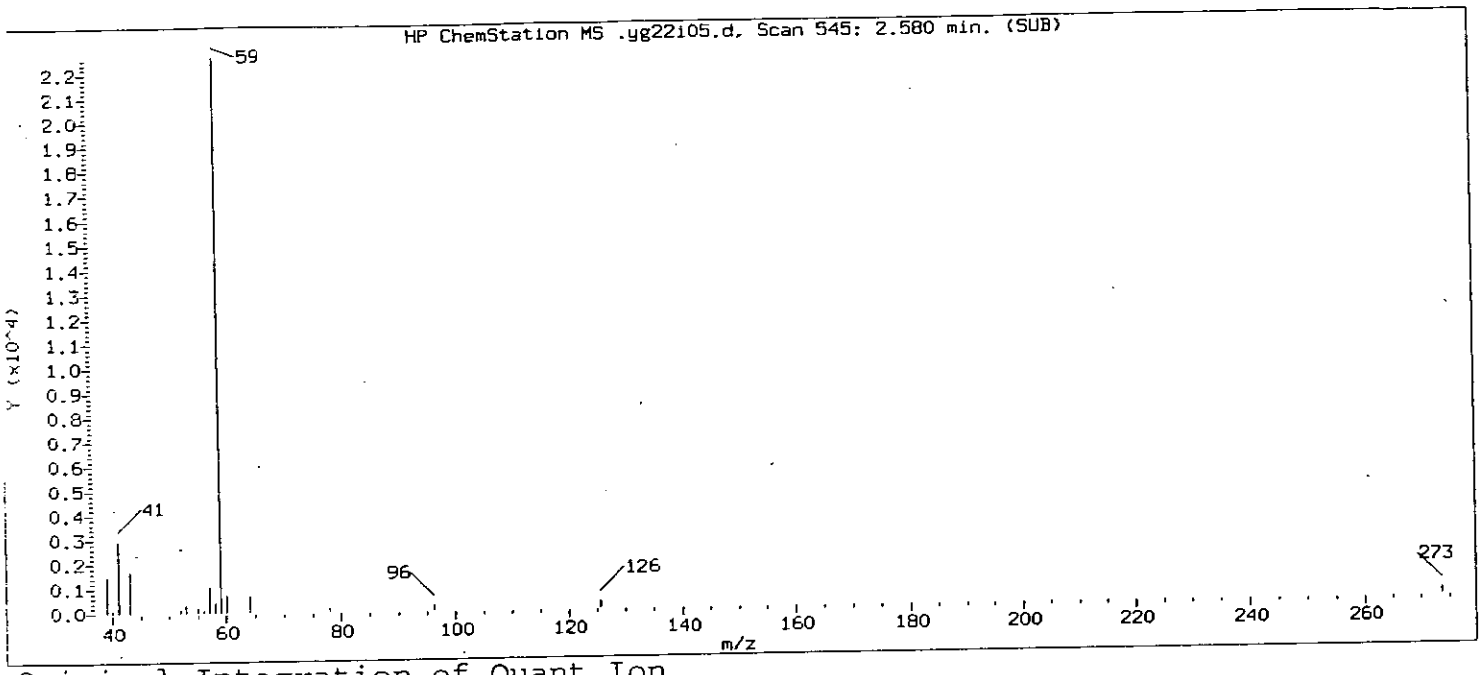
Compound Number	: 24
Compound Name	: t-Butyl Alcohol
Scan Number	: 545
Retention Time (minutes)	: 2.580
Quant Ion	: 59
Area (flag)	: 112624 M
Concentration (ug/L)	: 104.2309
Integration start scan	: 513 Integration stop scan: 571
Y at integration start	: 0 Y at integration end: 0

Reason for manual integration (circle one): missed peak improper integration

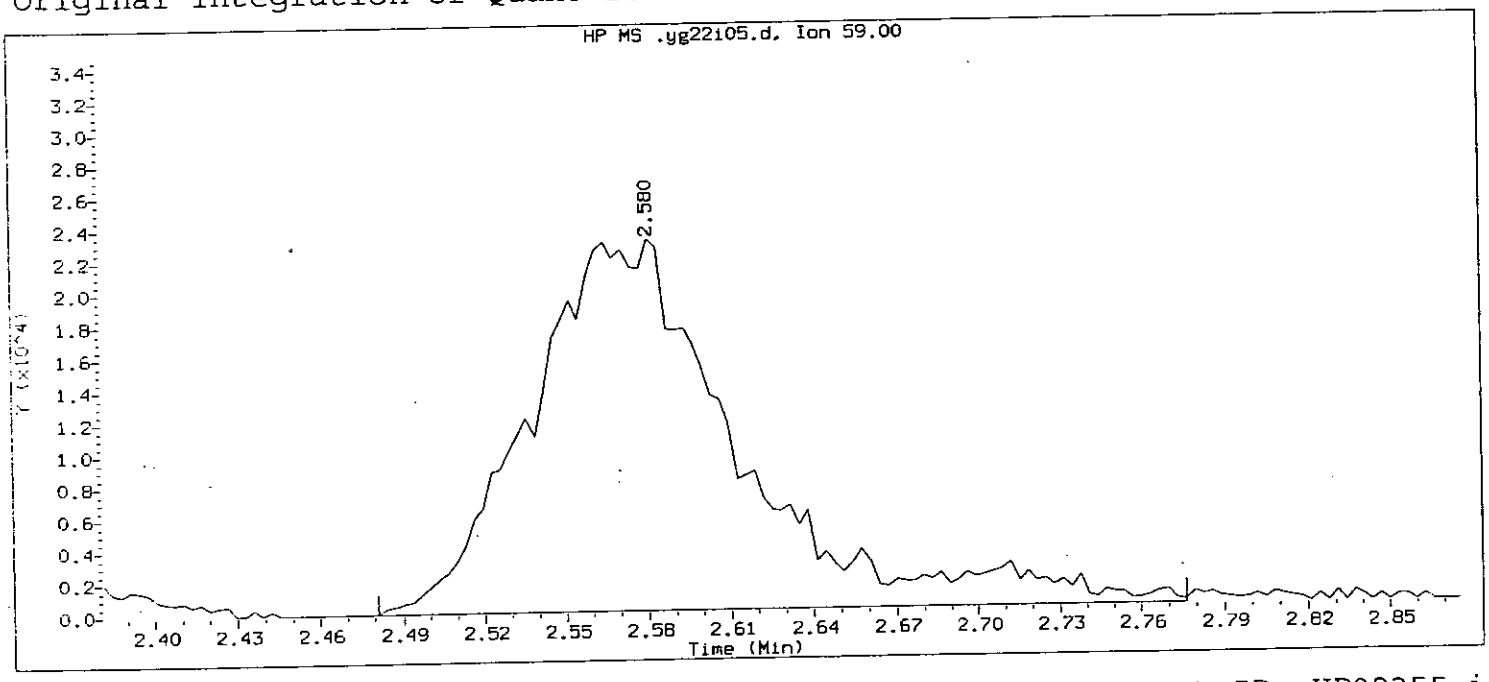
Analyst responsible for change: NRR 1826 8/22/07 8285

GC/MS audit/management approval: [signature] 8/22/07

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem2/HP09355.i/07aug22b.b/yg22i05.d Instrument ID: HP09355.i
Injection date and time: 22-AUG-2007 11:34 Analyst ID: NRR01826

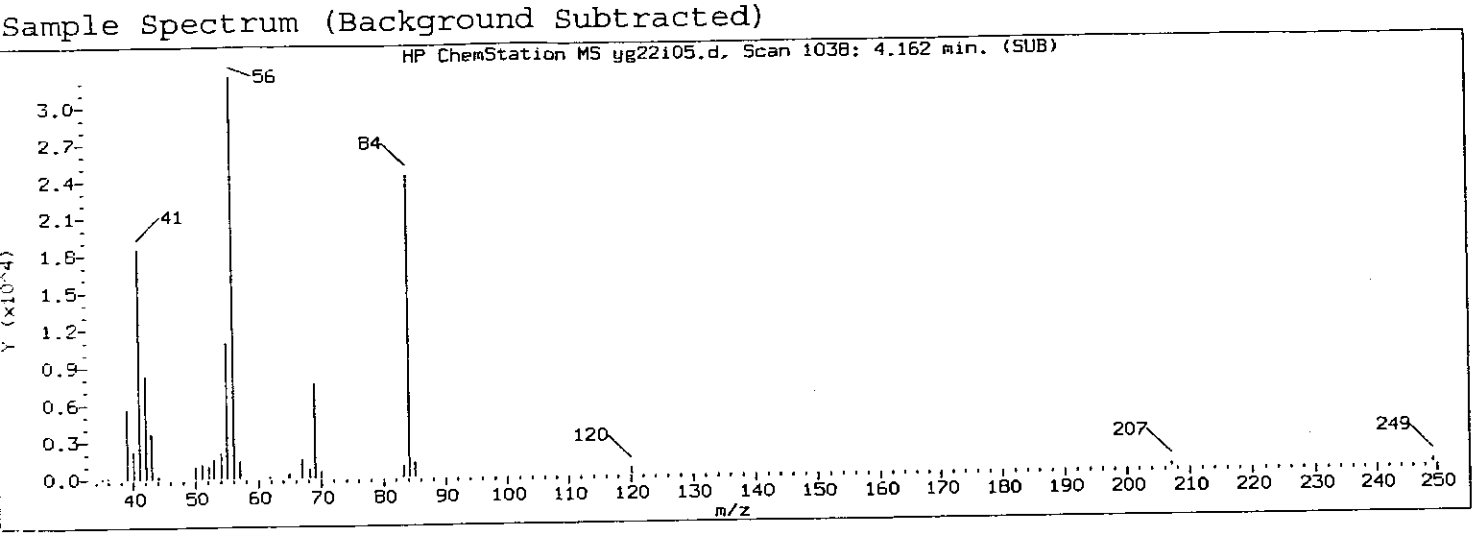
Method used: /chem2/HP09355.i/07aug22b.b/Y8260W.m Sublist used: 8260WIICAL
Calibration date and time: 22-AUG-2007 11:50
Date, time and analyst ID of latest file update: 22-Aug-2007 11:50 Automation

Sample Name: VSTD010 Lab Sample ID: VSTD010

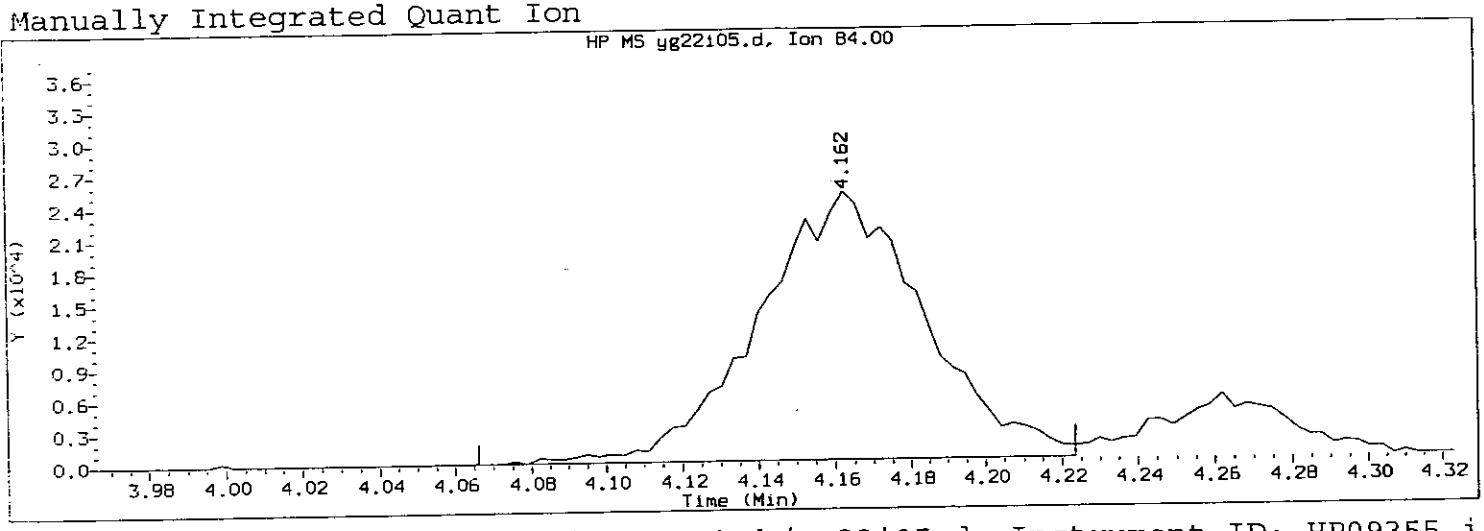
Compound Number	:	24
Compound Name	:	t-Butyl Alcohol
Scan Number	:	545
Retention Time (minutes)	:	2.580
Quant Ion	:	59
Area	:	121513
Concentration (ug/L)	:	110.6372
Integration start scan	:	513 Integration stop scan: 605
Y at integration start	:	0 Y at integration end: 0

8265

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem2/HP09355.i/07aug22b.b/yg22i05.d Instrument ID: HP09355.i
Injection date and time: 22-AUG-2007 11:34 Analyst ID: NRR01826

Method used: /chem2/HP09355.i/07aug22b.b/Y8260W.m Sublist used: 8260WIICAL
Calibration date and time: 22-AUG-2007 11:50
Date, time and analyst ID of latest file update: 22-Aug-2007 12:05 nrr01826

Sample Name: VSTD010 Lab Sample ID: VSTD010

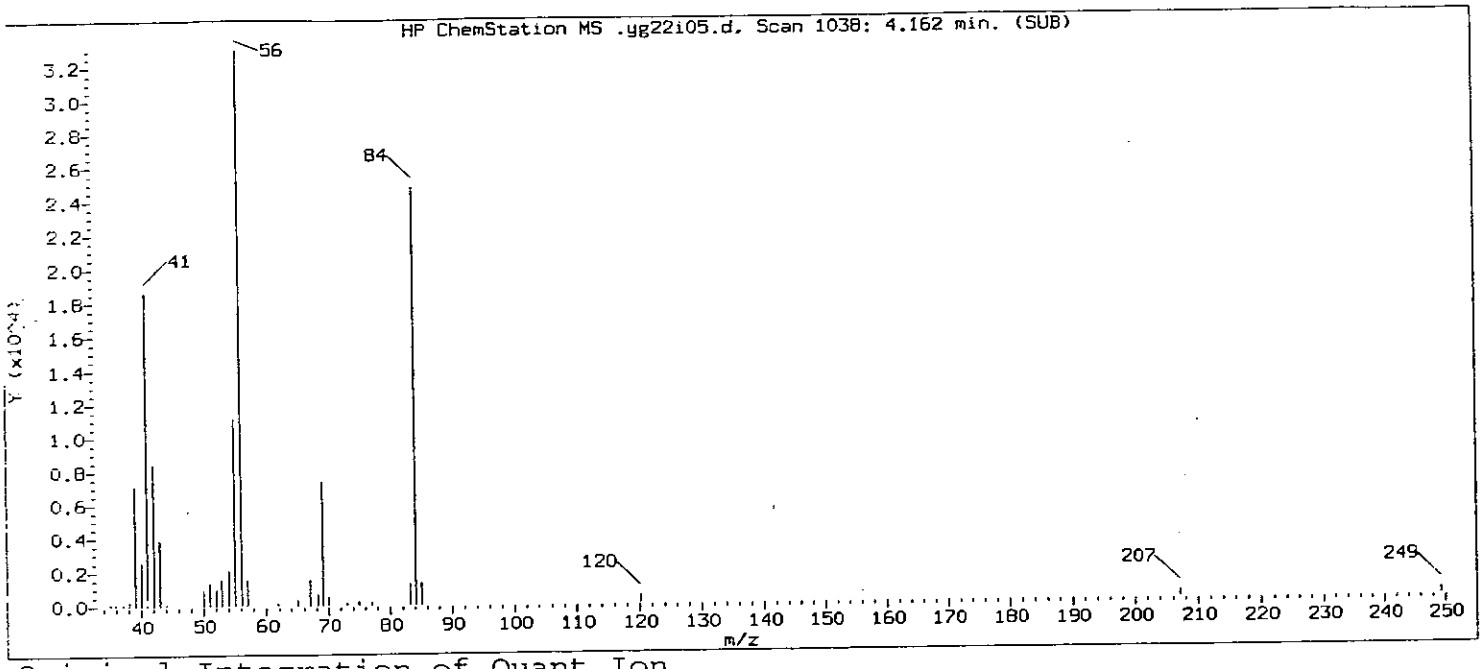
Compound Number	:	52
Compound Name	:	Cyclohexane (mz 84)
Scan Number	:	1038
Retention Time (minutes)	:	4.162
Quant Ion	:	84
Area (flag)	:	75431 M
Concentration (ug/L)	:	9.4676
Integration start scan	:	1007 Integration stop scan: 1056
Y at integration start	:	0 Y at integration end: 0

Reason for manual integration (circle one): missed peak improper integration

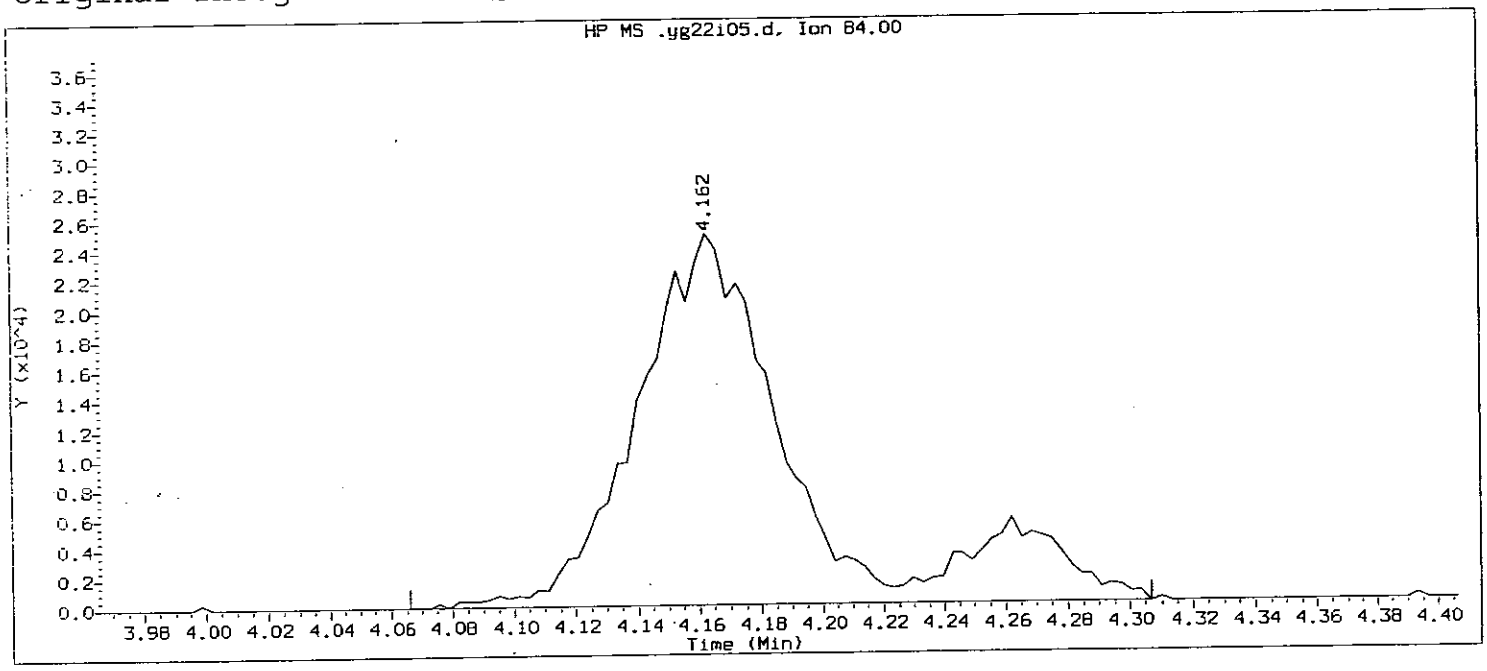
Analyst responsible for change: NRR 8/22/07
8267

GC/MS audit/management approval: 8/23/07

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem2/HP09355.i/07aug22b.b/yg22i05.d Instrument ID: HP09355.i
Injection date and time: 22-AUG-2007 11:34 Analyst ID: NRR01826

Method used: /chem2/HP09355.i/07aug22b.b/Y8260W.m Sublist used: 8260WIICAL
Calibration date and time: 22-AUG-2007 11:50
Date, time and analyst ID of latest file update: 22-Aug-2007 11:50 Automation

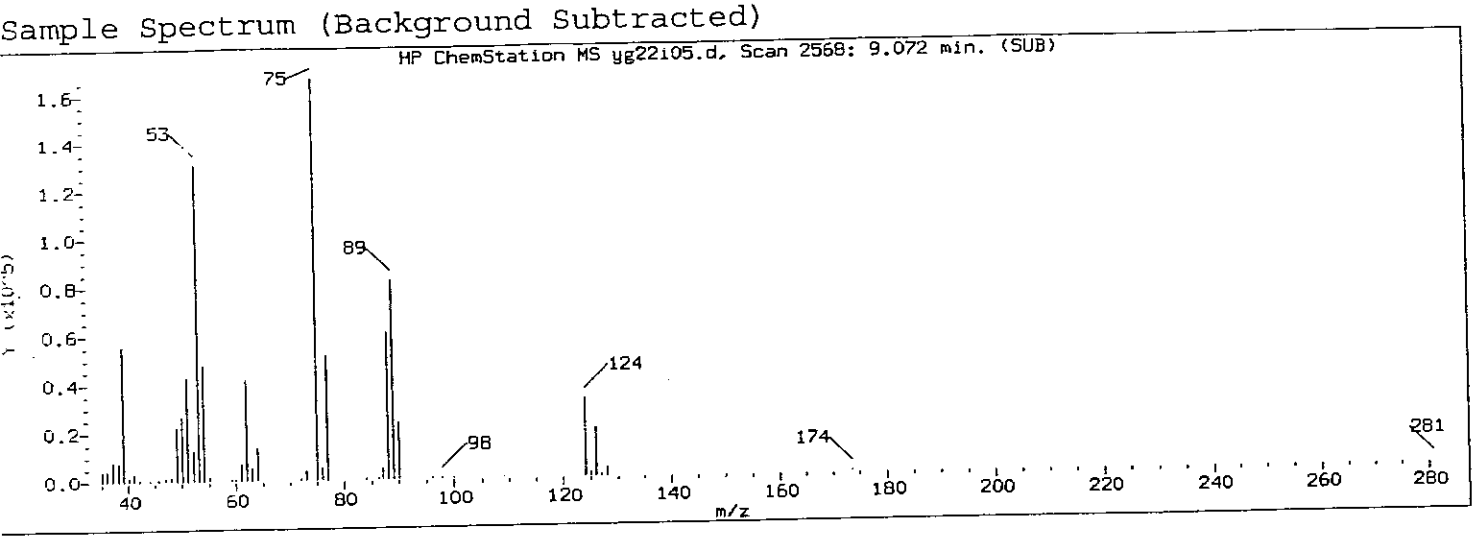
Sample Name: VSTD010 Lab Sample ID: VSTD010

Compound Number	:	52
Compound Name	:	Cyclohexane (mz 84)
Scan Number	:	1038
Retention Time (minutes)	:	4.162
Quant Ion	:	84
Area	:	88389
Concentration (ug/L)	:	10.7445
Integration start scan	:	1007 Integration stop scan: 1082
Y at integration start	:	0 Y at integration end: 0

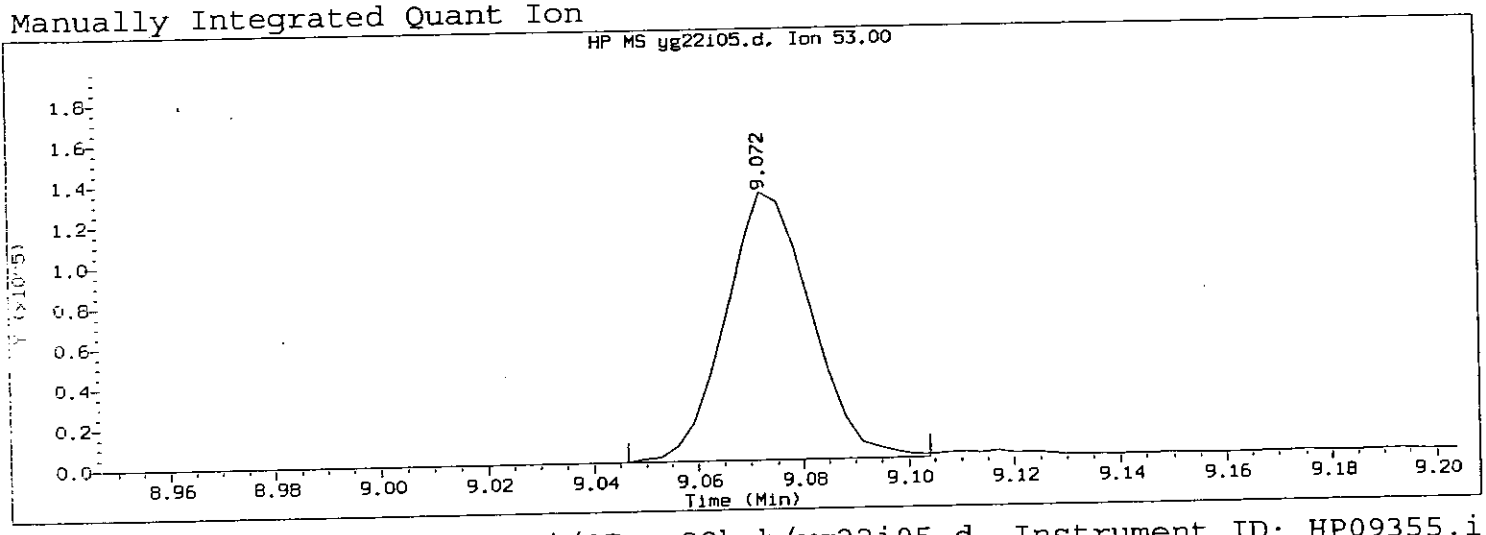
8260B

Original Integration Report for data file /chem2/HP09355.i/07aug22b.b/yg22i05.d, generated on 08/22/2007 at 12:05

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem2/HP09355.i/07aug22b.b/yg22i05.d Instrument ID: HP09355.i
Injection date and time: 22-AUG-2007 11:34 Analyst ID: NRR01826

Method used: /chem2/HP09355.i/07aug22b.b/Y8260W.m Sublist used: 8260WIICAL
Calibration date and time: 22-AUG-2007 11:50
Date, time and analyst ID of latest file update: 22-Aug-2007 12:05 nrr01826

Sample Name: VSTD010 Lab Sample ID: VSTD010

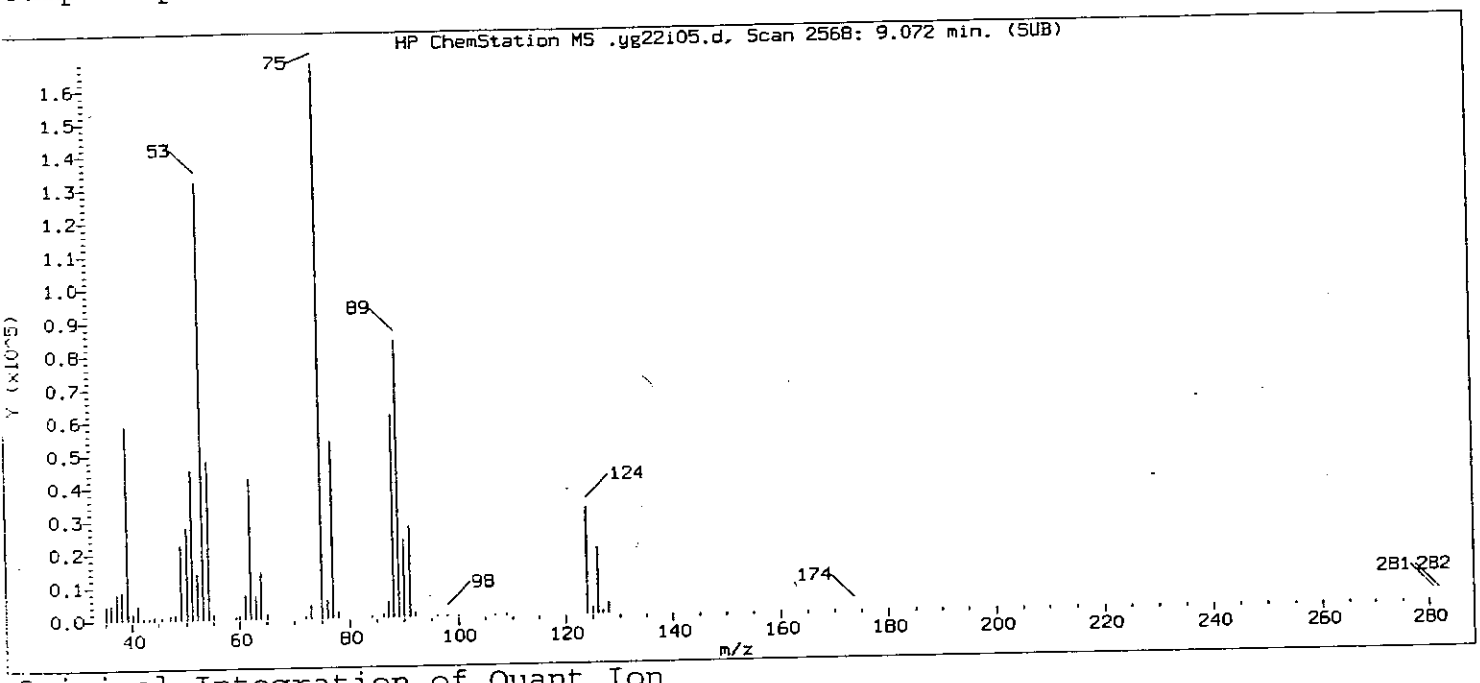
Compound Number : 120
Compound Name : trans-1,4-Dichloro-2-Butene
Scan Number : 2568
Retention Time (minutes): 9.072
Quant Ion : 53
Area (flag) : 149366 M
Concentration (ug/L) : 48.9704
Integration start scan : 2559 Integration stop scan: 2577
Y at integration start : 0 Y at integration end: 0

Reason for manual integration (circle one): missed peak improper integration

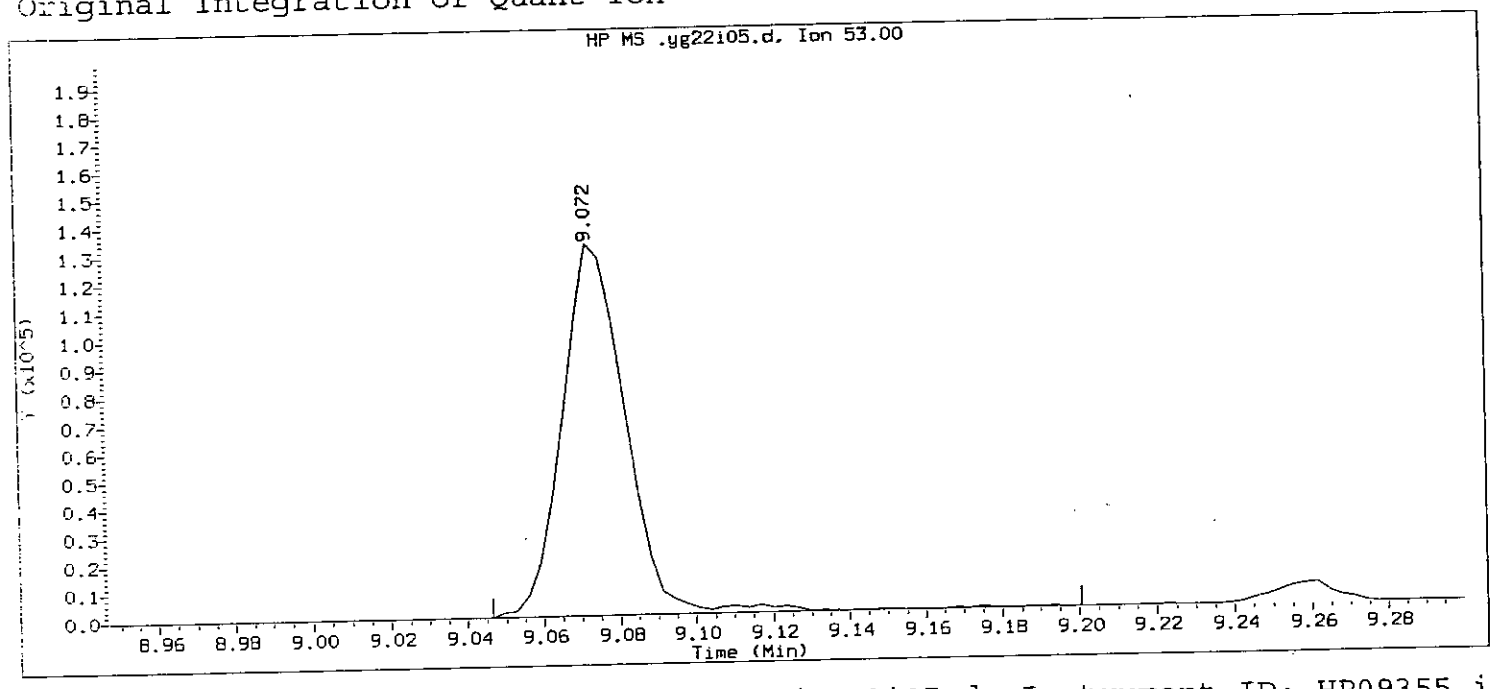
Analyst responsible for change: NRR 1826 8/22/07
8289

GC/MS audit/management approval: 8/22/07 8/23/07

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



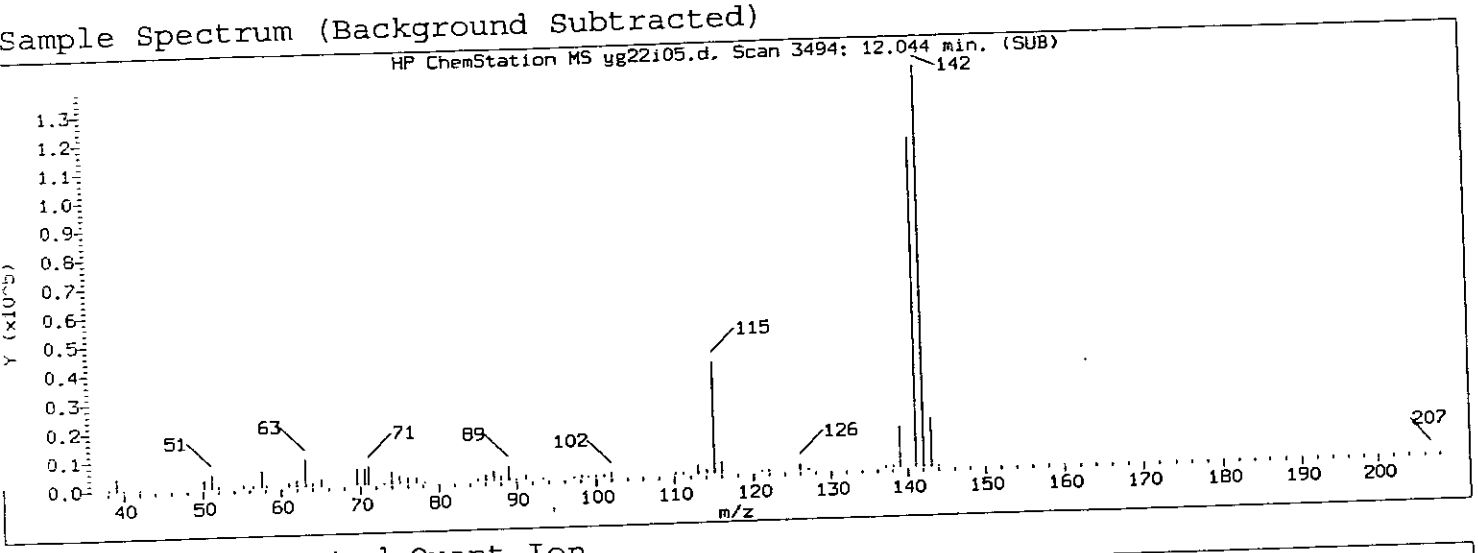
Data File: /chem2/HP09355.i/07aug22b.b/yg22i05.d Instrument ID: HP09355.i
Injection date and time: 22-AUG-2007 11:34 Analyst ID: NRR01826

Method used: /chem2/HP09355.i/07aug22b.b/Y8260W.m Sublist used: 8260WIICAL
Calibration date and time: 22-AUG-2007 11:50
Date, time and analyst ID of latest file update: 22-Aug-2007 11:50 Automation

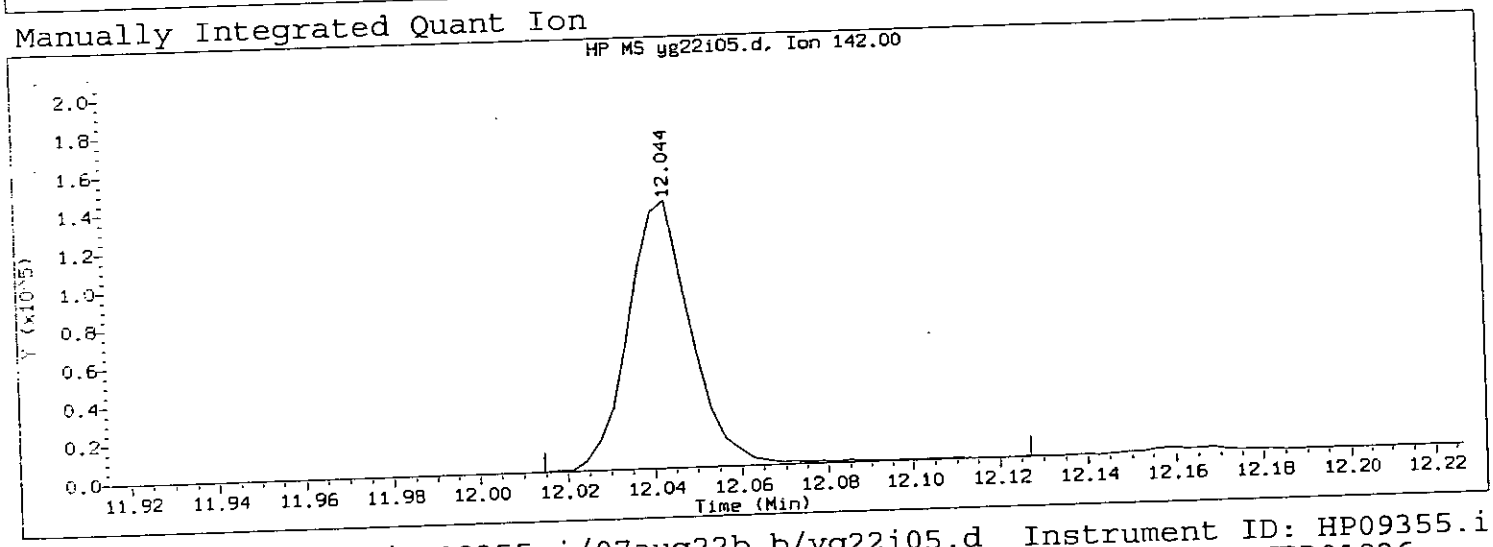
Sample Name: VSTD010 Lab Sample ID: VSTD010

Compound Number	: 120
Compound Name	: trans-1,4-Dichloro-2-Butene
Scan Number	: 2568
Retention Time (minutes)	: 9.072
Quant Ion	: 53
Area	: 153098
Concentration (ug/L)	: 49.4767
Integration start scan	: 2559 Integration stop scan: 2607
Y at integration start	: 0 Y at integration end: 0

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem2/HP09355.i/07aug22b.b/yg22i05.d Instrument ID: HP09355.i
Injection date and time: 22-AUG-2007 11:34 Analyst ID: NRR01826

Method used: /chem2/HP09355.i/07aug22b.b/Y8260W.m Sublist used: 8260WIICAL
Calibration date and time: 22-AUG-2007 11:50
Date, time and analyst ID of latest file update: 22-Aug-2007 12:05 nrr01826

Sample Name: VSTD010 Lab Sample ID: VSTD010

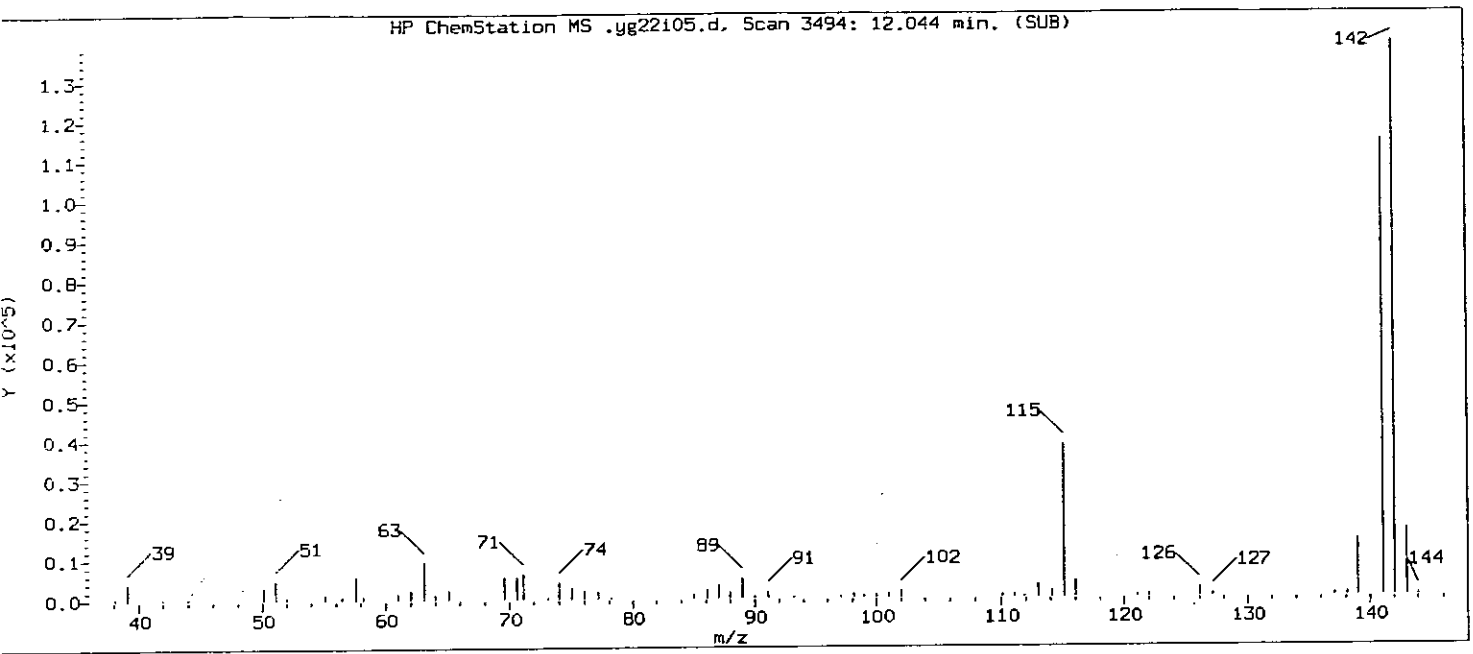
Compound Number	:	150
Compound Name	:	2-Methylnaphthalene
Scan Number	:	3494
Retention Time (minutes)	:	12.044
Quant Ion	:	142
Area (flag)	:	141618 M
Concentration (ug/L)	:	8.6815
Integration start scan	:	3484 Integration stop scan: 3519
Y at integration start	:	0 Y at integration end: 0

Reason for manual integration (circle one): missed peak improper integration

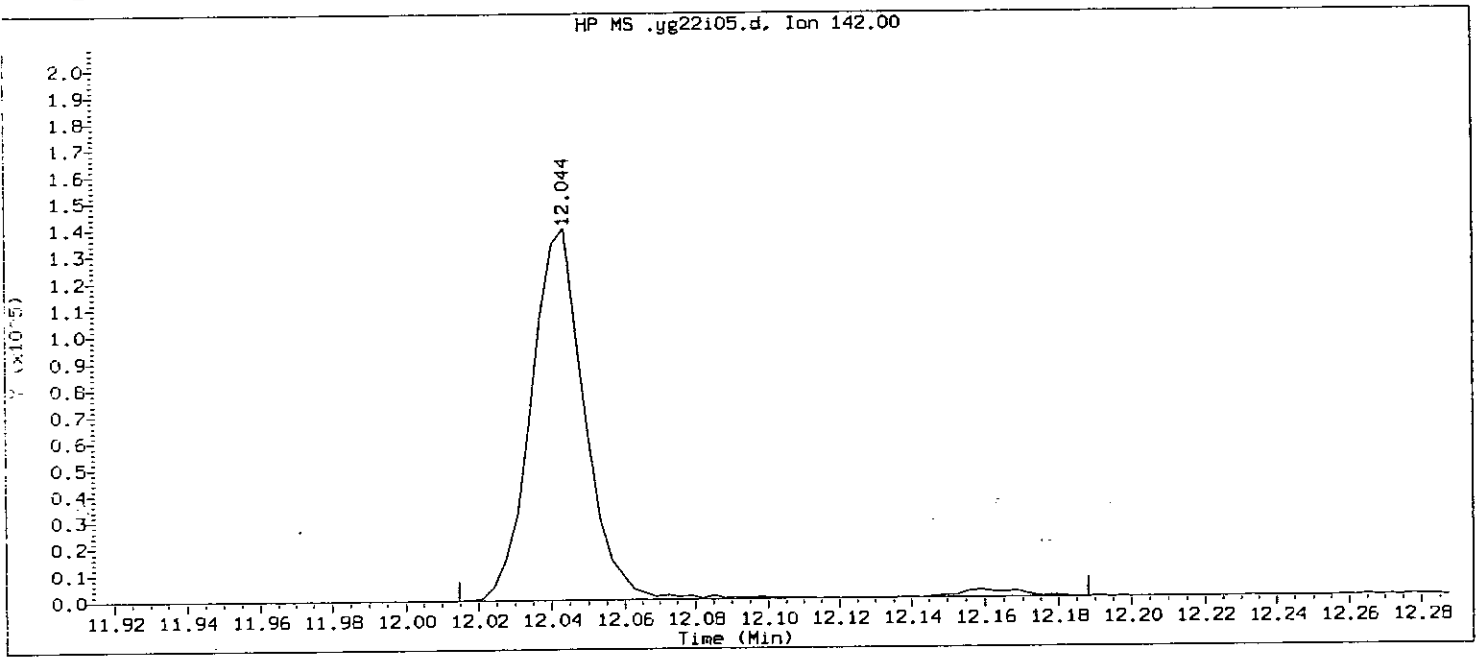
Analyst responsible for change: NRR 1826 8/22/07

GC/MS audit/management approval: [signature] 8/23/07

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem2/HP09355.i/07aug22b.b/yg22i05.d Instrument ID: HP09355.i
Injection date and time: 22-AUG-2007 11:34 Analyst ID: NRR01826

Method used: /chem2/HP09355.i/07aug22b.b/Y8260W.m Sublist used: 8260WIICAL
Calibration date and time: 22-AUG-2007 11:50
Date, time and analyst ID of latest file update: 22-Aug-2007 11:50 Automation

Sample Name: VSTD010 Lab Sample ID: VSTD010

Compound Number	: 150
Compound Name	: 2-Methylnaphthalene
Scan Number	: 3494
Retention Time (minutes)	: 12.044
Quant Ion	: 142
Area	: 144991
Concentration (ug/L)	: 8.8516
Integration start scan	: 3484 Integration stop scan: 3538
Y at integration start	: 0 Y at integration end: 0

8212

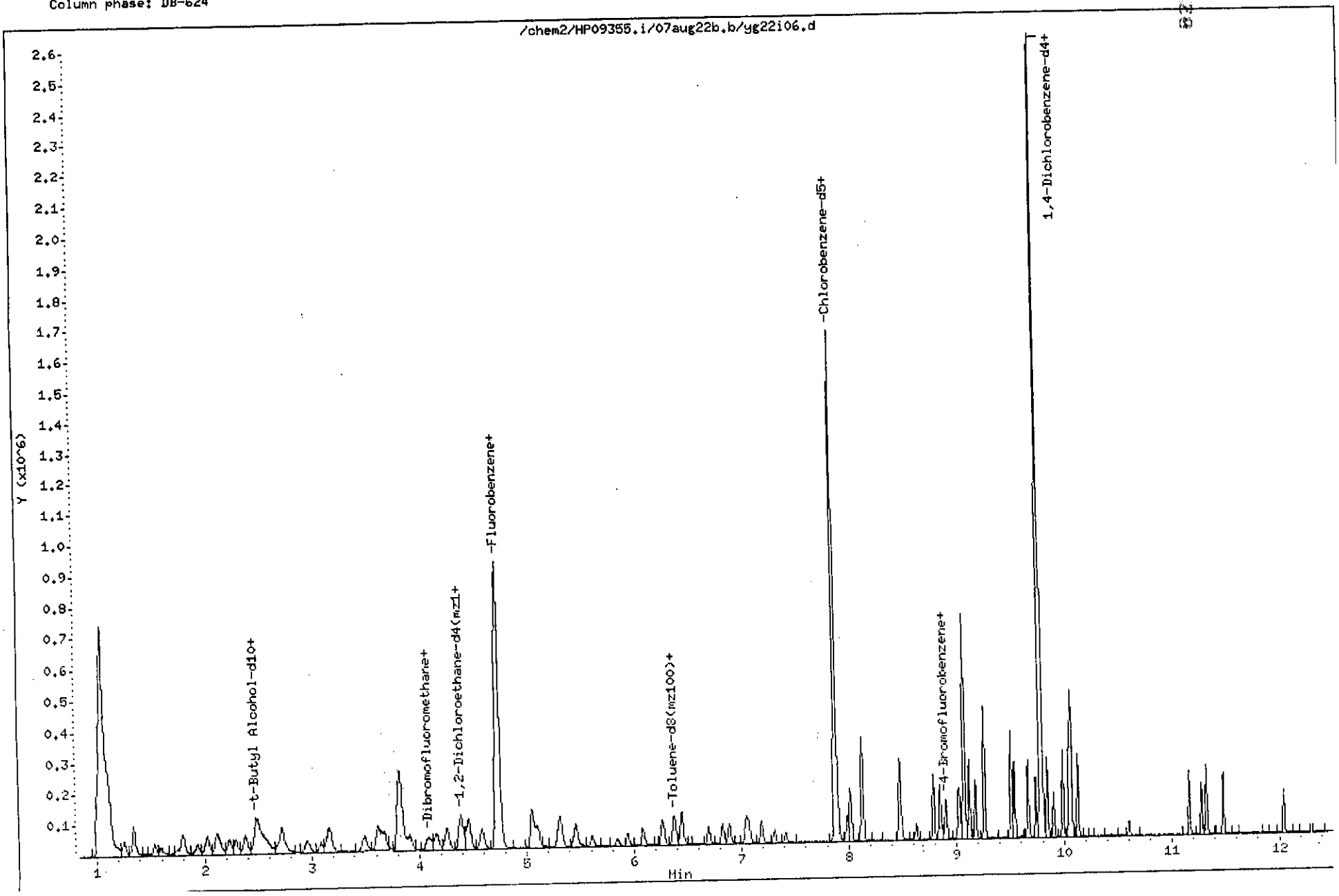
Original Integration Report for data file /chem2/HP09355.i/07aug22b.b/yg22i05.d, generated on 08/22/2007 at 12:05

Data File: /chem2/HP09355.i/07aug22b.b/yg22i06.d
Date : 22-AUG-2007 11:56
Client ID: VSTD004
Sample Info: VSTD004;VSTD004;1;1;;;;
Purge Volume: 5.0
Column phase: DB-624

URR 1826 8/22/07

Instrument: HP09355.i

Operator: NRR01826
Column diameter: 0.18



Quant Report

Target Revision 3.5

Data File: /chem2/HP09355.i/07aug22b.b/yg22i06.d Instrument ID: HP09355.i
Injection date and time: 22-AUG-2007 11:56 Analyst ID: NRR01826

Method used: /chem2/HP09355.i/07aug22b.b/Y8260W.m Sublist used: 8260WIICAL
Calibration date and time: 22-AUG-2007 10:03
Date, time and analyst ID of latest file update: 22-Aug-2007 12:17 nrr01826

Sample Name: VSTD004 Lab Sample ID: VSTD004

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
1) Dichlorodifluoromethane	(1)	1.201	85	32790	4.214
2) Chloromethane	(1)	1.249	50	44173	4.310
3) 1,3-Butadiene	(1)	1.345	39	32921	4.494
4) Vinyl Chloride	(1)	1.339	62	39780	4.185
5) Bromomethane	(1)	1.531	94	24030	4.292
6) Chloroethane	(1)	1.602	64	23792	4.411
8) Trichlorofluoromethane	(1)	1.804	101	42650M	4.399
7) n-Pentane	(1)	1.801	43	38176	4.196
10) Ethyl Ether	(1)	1.929	59	25019	4.029
11) Acrolein	(4)	2.022	56	79466	37.913
13) 1,1-Dichloroethene	(1)	2.112	96	18846	3.966
15) Freon 113	(1)	2.138	101	19130	4.109
14) Acetone	(1)	2.134	43	23996	8.139
16) Methyl Iodide	(1)	2.231	142	34895	3.715
17) 2-Propanol	(4)	2.231	45	57010	73.743
18) Carbon Disulfide	(1)	2.285	76	63279	3.712
20) Allyl Chloride	(1)	2.375	41	42130	4.119
21) Methyl Acetate	(1)	2.381	43	31345	4.342
22) Methylene Chloride	(1)	2.481	84	28871	4.630
23)*t-Butyl Alcohol-d10	(4)	2.503	65	240191	250.000
24) t-Butyl Alcohol	(4)	2.568	59	90190M	82.469
25) Acrylonitrile	(1)	2.673	53	15587	4.115
26) trans-1,2-Dichloroethene	(1)	2.718	96	20725	3.801
27) Methyl Tertiary Butyl Ether	(1)	2.728	73	76677	3.910
29) n-Hexane	(1)	2.953	57	31620	4.294
40) 1,2-Dichloroethene (total)	(1)		96	43589	7.555
30) 1,1-Dichloroethane	(1)	3.087	63	39860	3.825
32) di-Isopropyl Ether	(1)	3.158	45	83366	3.814
33) 2-Chloro-1,3-Butadiene	(1)	3.171	53	29313	3.600
36) Ethyl t-Butyl Ether	(1)	3.492	59	75603	3.880
37) cis-1,2-Dichloroethene	(1)	3.617	96	22864	3.753
38) 2-Butanone	(1)	3.620	43	38581	8.051
39) 2,2-Dichloropropane	(1)	3.630	77	30938	3.701
41) Propionitrile	(4)	3.678	54	111916	79.121

M = Compound was manually integrated.

* = Compound is an internal standard.

Quant Report

Target Revision 3.5

Data File: /chem2/HP09355.i/07aug22b.b/yg22i06.d Instrument ID: HP09355.i
Injection date and time: 22-AUG-2007 11:56 Analyst ID: NRR01826

Method used: /chem2/HP09355.i/07aug22b.b/Y8260W.m Sublist used: 8260WIICAL
Calibration date and time: 22-AUG-2007 10:03
Date, time and analyst ID of latest file update: 22-Aug-2007 12:17 nrr01826

Sample Name: VSTD004 Lab Sample ID: VSTD004

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
43) Methacrylonitrile	(1)	3.825	67	137972	38.960
44) Bromochloromethane	(1)	3.845	128	11420	3.666
45) Tetrahydrofuran	(4)	3.890	71	9726	8.038
46) Chloroform	(1)	3.919	83	35665	3.731
50) 1,1,1-Trichloroethane	(1)	4.098	97	30858	3.794
51) Cyclohexane	(1)	4.169	56	37282	3.948
52) Cyclohexane (mz 84)	(1)	4.169	84	30766M	4.025
53) Cyclohexane (mz 69)	(1)	4.159	69	10417	3.900
54) 1,1-Dichloropropene	(1)	4.249	75	30341	3.872
55) Carbon Tetrachloride	(1)	4.262	117	26424	3.762
56) Isobutyl Alcohol	(4)	4.384	41	69627	185.294
59) Benzene	(1)	4.458	78	89401	3.770
61) 1,2-Dichloroethane	(1)	4.464	62	30529	3.819
60) 1,2-Dichloroethane (mz 98)	(1)	4.467	98	2977	3.924
64) t-Amyl Methyl Ether	(1)	4.586	73	70970	3.788
67) n-Heptane	(1)	4.743	43	37735	4.592
66) *Fluorobenzene	(1)	4.734	96	1104902	50.000
69) n-Butanol	(4)	5.045	56	113671	358.835
70) Trichloroethene	(1)	5.112	95	20537	3.638
73) 1,2-Dichloropropane	(1)	5.324	63	25030	3.872
71) Methylcyclohexane (mz98)	(1)	5.302	98	17246	4.253
72) Methylcyclohexane	(1)	5.298	83	36247	4.155
75) Methyl Methacrylate	(1)	5.459	69	20497	3.645
74) Dibromomethane	(1)	5.443	93	14463	3.738
76) 1,4-Dioxane	(4)	5.465	88	15933	169.234
79) Bromodichloromethane	(1)	5.613	83	25382	3.516
81) 2-Nitropropane	(1)	5.837	41	16395	7.452
82) 2-Chloroethyl Vinyl Ether	(1)	5.943	63	18256	3.717
83) cis-1,3-Dichloropropene	(1)	6.085	75	34247	3.446
84) 4-Methyl-2-Pentanone	(1)	6.271	43	72929	7.246
89) Toluene	(2)	6.447	92	53016	3.645
91) trans-1,3-Dichloropropene	(2)	6.691	75	32253	3.504
92) Ethyl Methacrylate	(2)	6.823	69	34286	3.565
93) 1,1,2-Trichloroethane	(2)	6.887	97	22055	3.926

M = Compound was manually integrated.

* = Compound is an internal standard.

Quant Report

Target Revision 3.5

Data File: /chem2/HP09355.i/07aug22b.b/yg22i06.d Instrument ID: HP09355.i
Injection date and time: 22-AUG-2007 11:56 Analyst ID: NRR01826

Method used: /chem2/HP09355.i/07aug22b.b/Y8260W.m Sublist used: 8260WIICAL
Calibration date and time: 22-AUG-2007 10:03
Date, time and analyst ID of latest file update: 22-Aug-2007 12:17 nrr01826

Sample Name: VSTD004 Lab Sample ID: VSTD004

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
94) Tetrachloroethene	(2)	7.038	166	26777	4.079
95) 1,3-Dichloropropane	(2)	7.063	76	38465	3.841
97) 2-Hexanone	(2)	7.182	43	52742	7.420
99) Dibromochloromethane	(2)	7.307	129	21714	3.604
101) 1,2-Dibromoethane	(2)	7.413	107	21615	3.581
102) *Chlorobenzene-d5	(2)	7.878	117	820589	50.000
103) Chlorobenzene	(2)	7.907	112	63358	3.757
104) 1,1,1,2-Tetrachloroethane	(2)	7.991	131	21883	3.662
105) Ethylbenzene	(2)	8.020	91	108170	3.786
106) m+p-Xylene	(2)	8.129	106	83145	7.326
107) Xylene (Total)	(2)		106	124360	10.988
108) o-Xylene	(2)	8.472	106	41215	3.663
109) Styrene	(2)	8.488	104	65993	3.504
110) Bromoform	(2)	8.629	173	18373	3.494
112) Isopropylbenzene	(2)	8.790	105	108544	3.783
114) Cyclohexanone	(4)	8.844	55	69869	181.487
118) 1,1,2,2-Tetrachloroethane	(3)	9.027	83	37745	3.941
120) trans-1,4-Dichloro-2-Butene	(3)	9.075	53	114975	38.595
117) Bromobenzene	(3)	9.018	156	30048	3.883
119) 1,2,3-Trichloropropane	(3)	9.056	110	9680	3.576
121) n-Propylbenzene	(3)	9.117	91	139172	4.015
122) 2-Chlorotoluene	(3)	9.175	126	29708	4.087
123) 1,3,5-Trimethylbenzene	(3)	9.258	105	97663	3.880
124) 4-Chlorotoluene	(3)	9.261	126	28767	3.809
127) tert-Butylbenzene	(3)	9.505	134	23541	3.960
128) Pentachloroethane	(3)	9.512	167	19207	3.696
129) 1,2,4-Trimethylbenzene	(3)	9.541	105	96811	3.764
130) sec-Butylbenzene	(3)	9.666	105	128994	4.006
132) p-Isopropyltoluene	(3)	9.775	119	112030M	3.933
131) 1,3-Dichlorobenzene	(3)	9.740	146	59278	3.941
133) *1,4-Dichlorobenzene-d4	(3)	9.788	152	496141	50.000
134) 1,4-Dichlorobenzene	(3)	9.804	146	62463	3.958
135) 1,2,3-Trimethylbenzene	(3)	9.845	105	99706	3.787
136) Benzyl Chloride	(3)	9.903	91	72004M	3.446

M = Compound was manually integrated.

8216

* = Compound is an internal standard.

Quant Report

Target Revision 3.5

Data File: /chem2/HP09355.i/07aug22b.b/yg22i06.d Instrument ID: HP09355.i
Injection date and time: 22-AUG-2007 11:56 Analyst ID: NRR01826

Method used: /chem2/HP09355.i/07aug22b.b/Y8260W.m Sublist used: 8260WIICAL
Calibration date and time: 22-AUG-2007 10:03
Date, time and analyst ID of latest file update: 22-Aug-2007 12:17 nrr01826

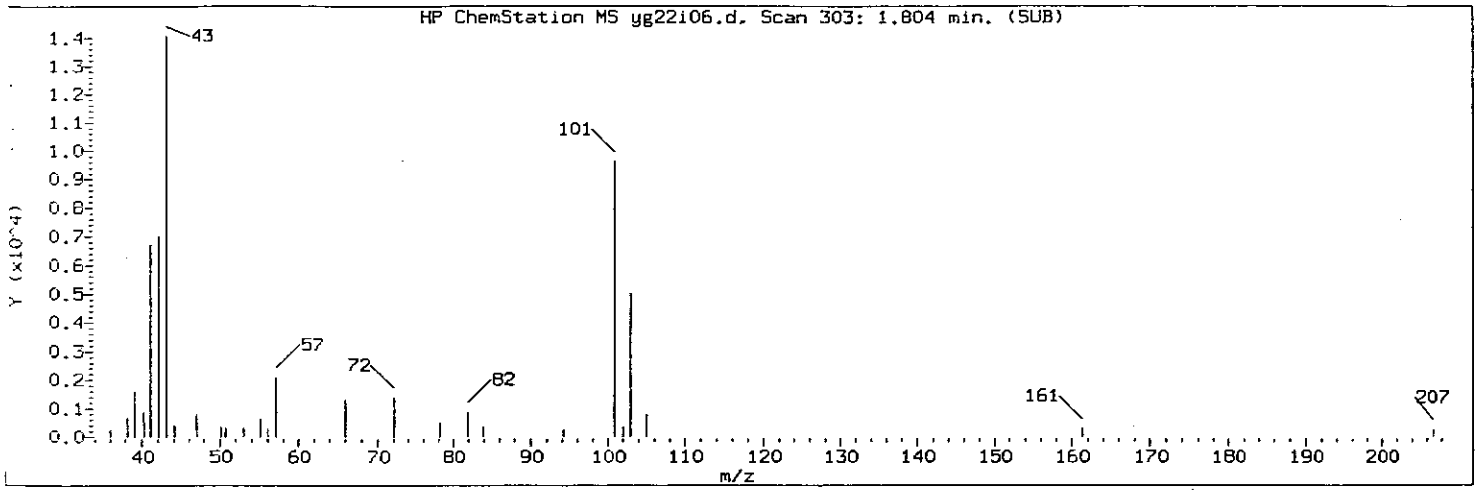
Sample Name: VSTD004 Lab Sample ID: VSTD004

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
137) 1,3-Diethylbenzene	(3)	9.993	105	64223	3.881
138) 1,4-Diethylbenzene	(3)	10.051	105	62890	3.856
139) n-Butylbenzene	(3)	10.067	92	58485M	3.977
140) 1,2-Dichlorobenzene	(3)	10.070	146	58210	3.855
141) 1,2-Diethylbenzene	(3)	10.131	105	60518	3.782
143) 1,2-Dibromo-3-Chloropropane	(3)	10.609	75	8204	3.971
145) 1,2,4-Trichlorobenzene	(3)	11.161	180	45355	3.870
146) Hexachlorobutadiene	(3)	11.277	225	23224	4.550
147) Naphthalene	(3)	11.322	128	118841	3.663
148) 1,2,3-Trichlorobenzene	(3)	11.479	180	44181	3.946
150) 2-Methylnaphthalene	(3)	12.043	142	45672	2.990
48) $Dibromofluoromethane	(1)	4.076	113	20409	3.827
57) $1,2-Dichloroethane-d4	(1)	4.393	102	6681	4.535
49) $Dibromofluoromethane(mz111)	(1)	4.076	111	20813M	3.821
58) $1,2-Dichloroethane-d4(mz104)	(1)	4.400	104	3095	3.559
86) $Toluene-d8(mz100)	(2)	6.377	100	50318	3.765
116) $4-Bromofluorobenzene(mz174)	(2)	8.902	174	27740	3.769
87) $Toluene-d8	(2)	6.377	98	77863	3.784
115) $4-Bromofluorobenzene	(2)	8.902	95	31049	3.924

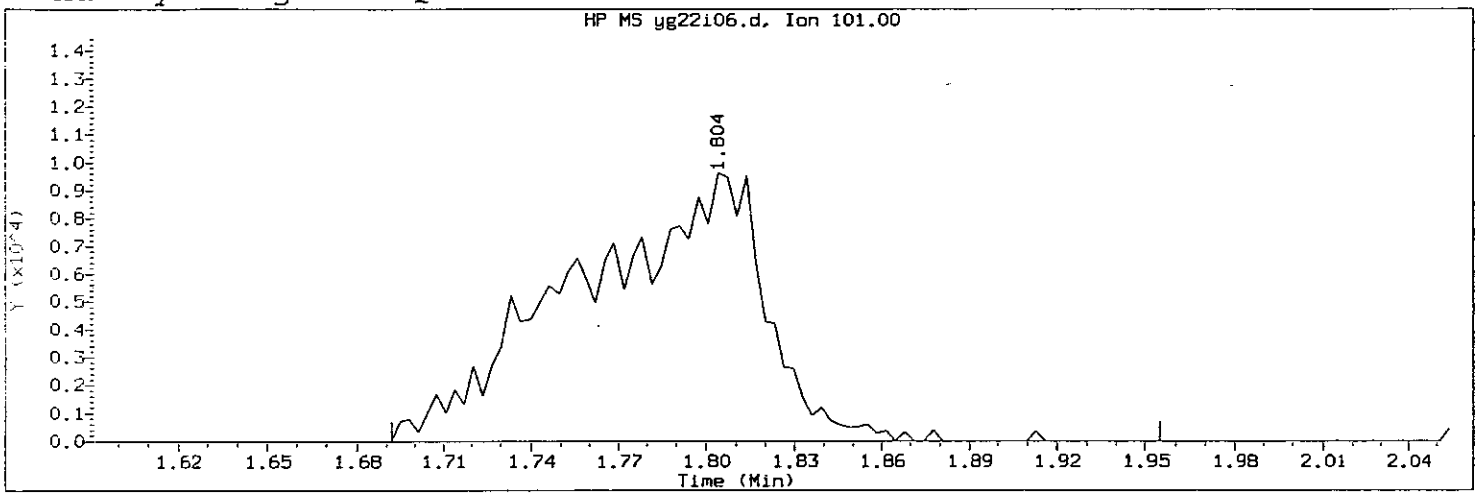
M = Compound was manually integrated.

$ = Compound is a surrogate standard.

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem2/HP09355.i/07aug22b.b/yg22i06.d Instrument ID: HP09355.i
Injection date and time: 22-AUG-2007 11:56 Analyst ID: NRR01826

Method used: /chem2/HP09355.i/07aug22b.b/Y8260W.m Sublist used: 8260WIICAL
Calibration date and time: 22-AUG-2007 12:12
Date, time and analyst ID of latest file update: 22-Aug-2007 12:17 nrr01826

Sample Name: VSTD004 Lab Sample ID: VSTD004

Compound Number : 8
Compound Name : Trichlorofluoromethane
Scan Number : 303
Retention Time (minutes): 1.804
Quant Ion : 101
Area (flag) : 42650 M
Concentration (ug/L) : 4.3988
Integration start scan : 267 Integration stop scan: 349
Y at integration start : 0 Y at integration end: 0

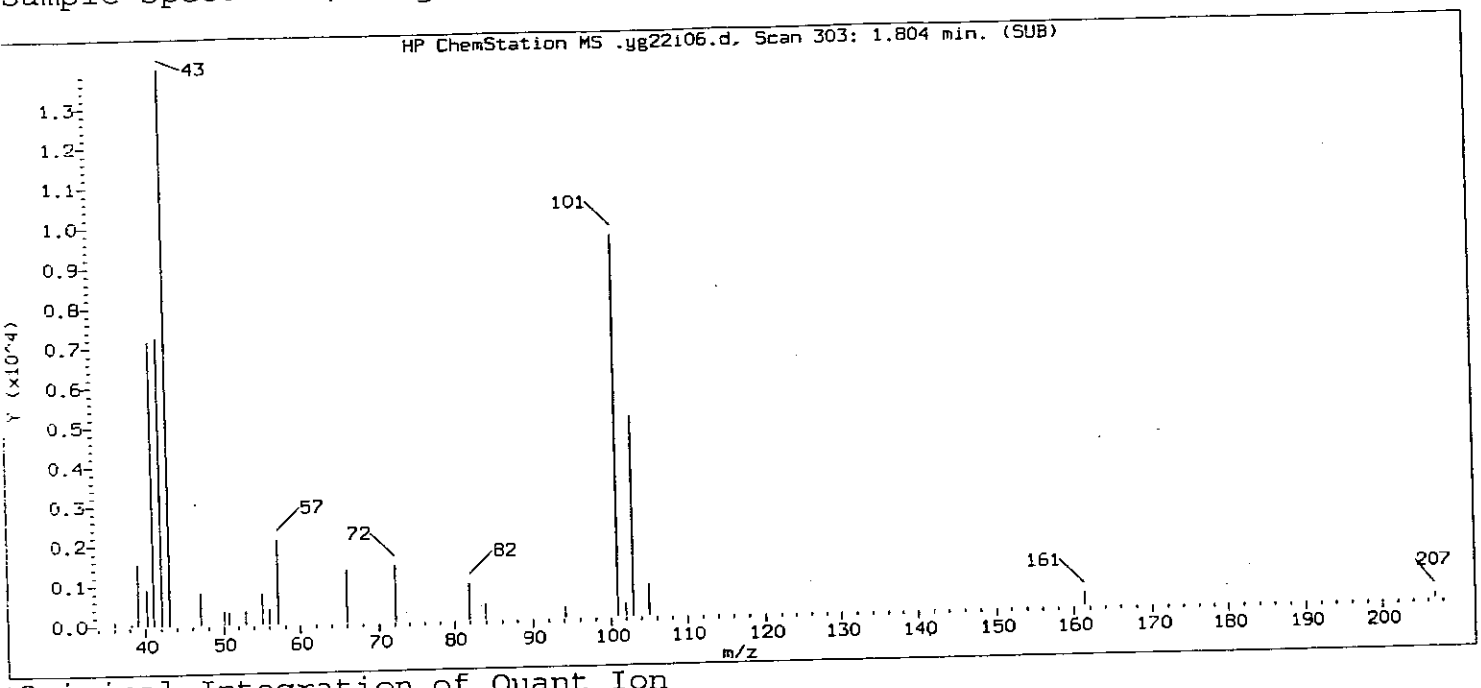
Reason for manual integration (circle one): missed peak improper integration

Analyst responsible for change: VRR 1826 8/22/07
0210

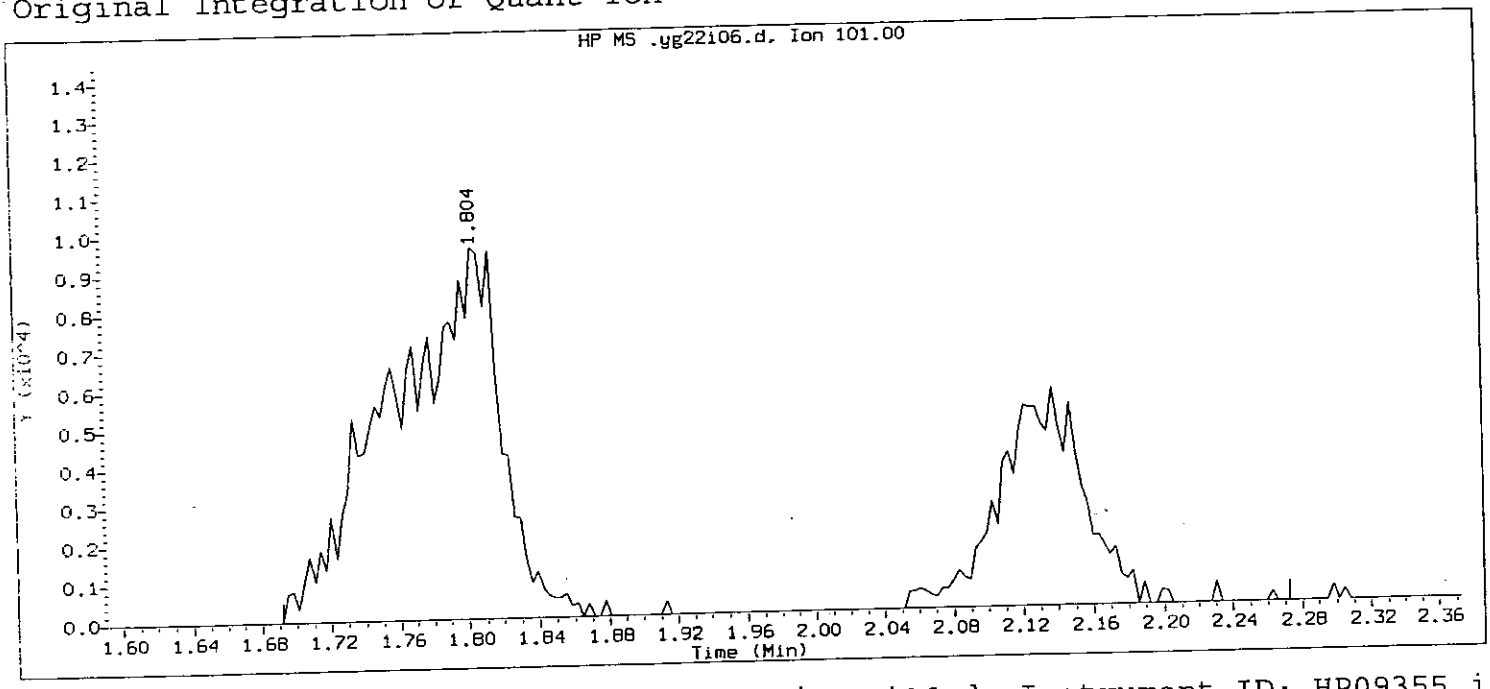
GC/MS audit/management approval: [signature] 8/22/07

Manual Integration Report for data file /chem2/HP09355.i/07aug22b.b/yg22i06.d, generated on 08/22/2007 at 12:17

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem2/HP09355.i/07aug22b.b/yg22i06.d Instrument ID: HP09355.i
Injection date and time: 22-AUG-2007 11:56 Analyst ID: NRR01826

Method used: /chem2/HP09355.i/07aug22b.b/Y8260W.m Sublist used: 8260WIICAL
Calibration date and time: 22-AUG-2007 12:12
Date, time and analyst ID of latest file update: 22-Aug-2007 12:12 Automation

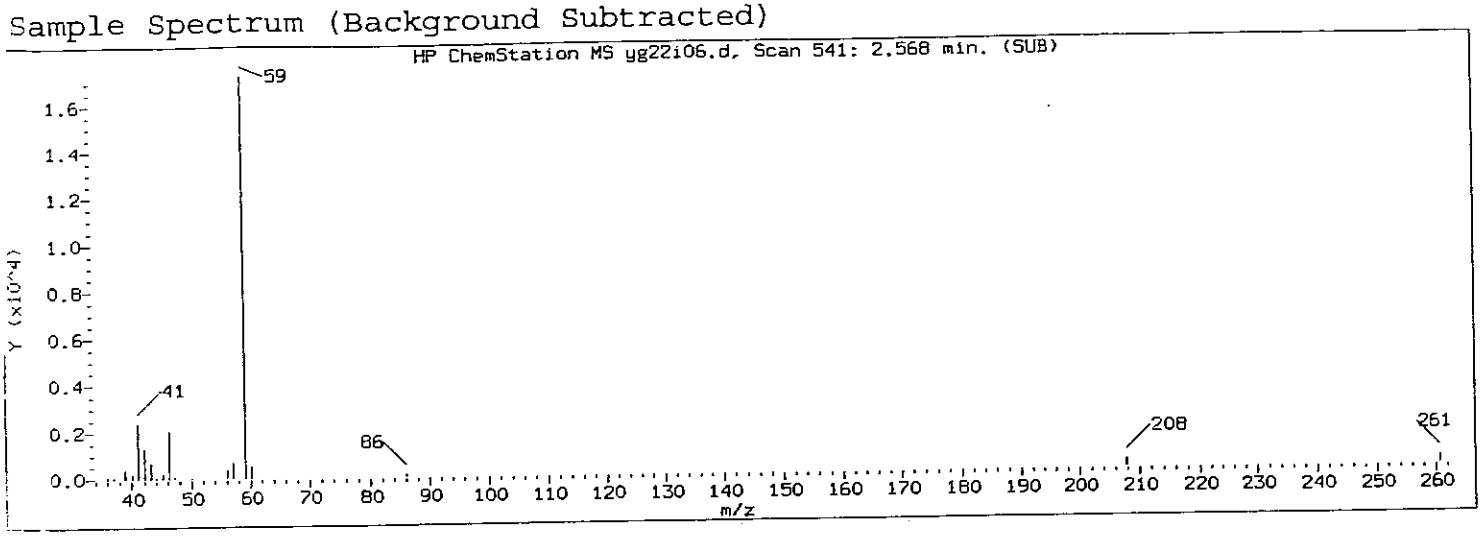
Sample Name: VSTD004 Lab Sample ID: VSTD004

Compound Number	: 8
Compound Name	: Trichlorofluoromethane
Scan Number	: 303
Retention Time (minutes)	: 1.804
Quant Ion	: 101
Area	: 61648
Concentration (ug/L)	: 5.8782
Integration start scan	: 267 Integration stop scan: 448
Y at integration start	: 0 Y at integration end: 0

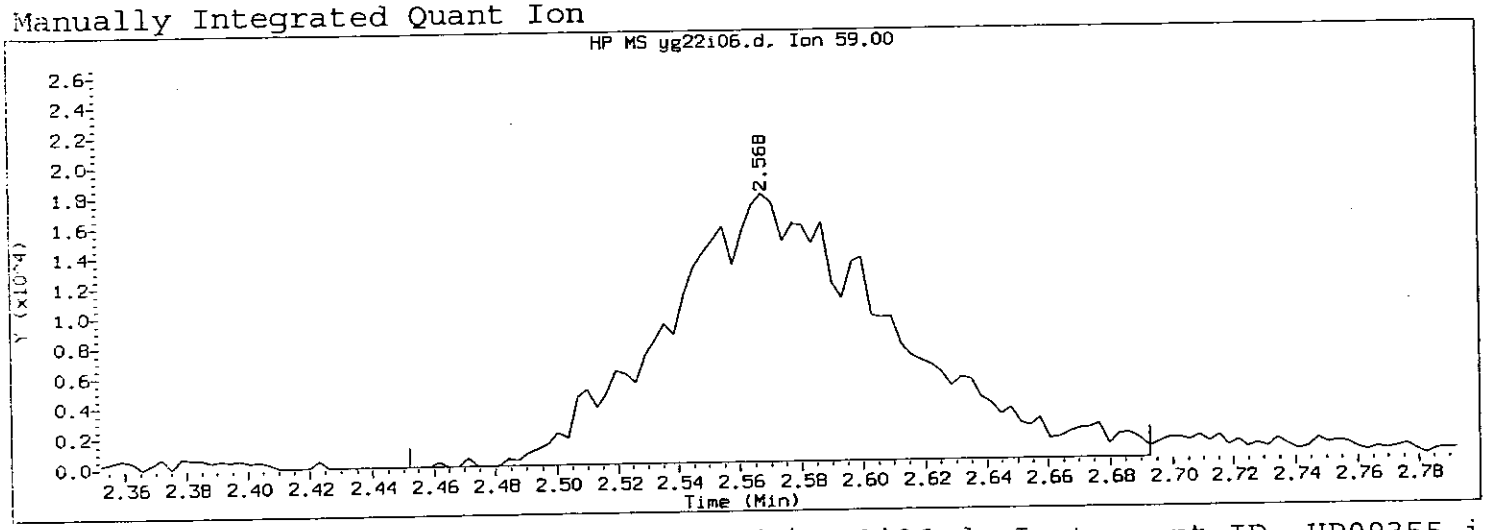
0219

Original Integration Report for data file /chem2/HP09355.i/07aug22b.b/yg22i06.d, generated on 08/22/2007 at 12:17

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem2/HP09355.i/07aug22b.b/yg22i06.d Instrument ID: HP09355.i
Injection date and time: 22-AUG-2007 11:56 Analyst ID: NRR01826

Method used: /chem2/HP09355.i/07aug22b.b/Y8260W.m Sublist used: 8260WIICAL
Calibration date and time: 22-AUG-2007 12:12
Date, time and analyst ID of latest file update: 22-Aug-2007 12:17 nrr01826

Sample Name: VSTD004 Lab Sample ID: VSTD004

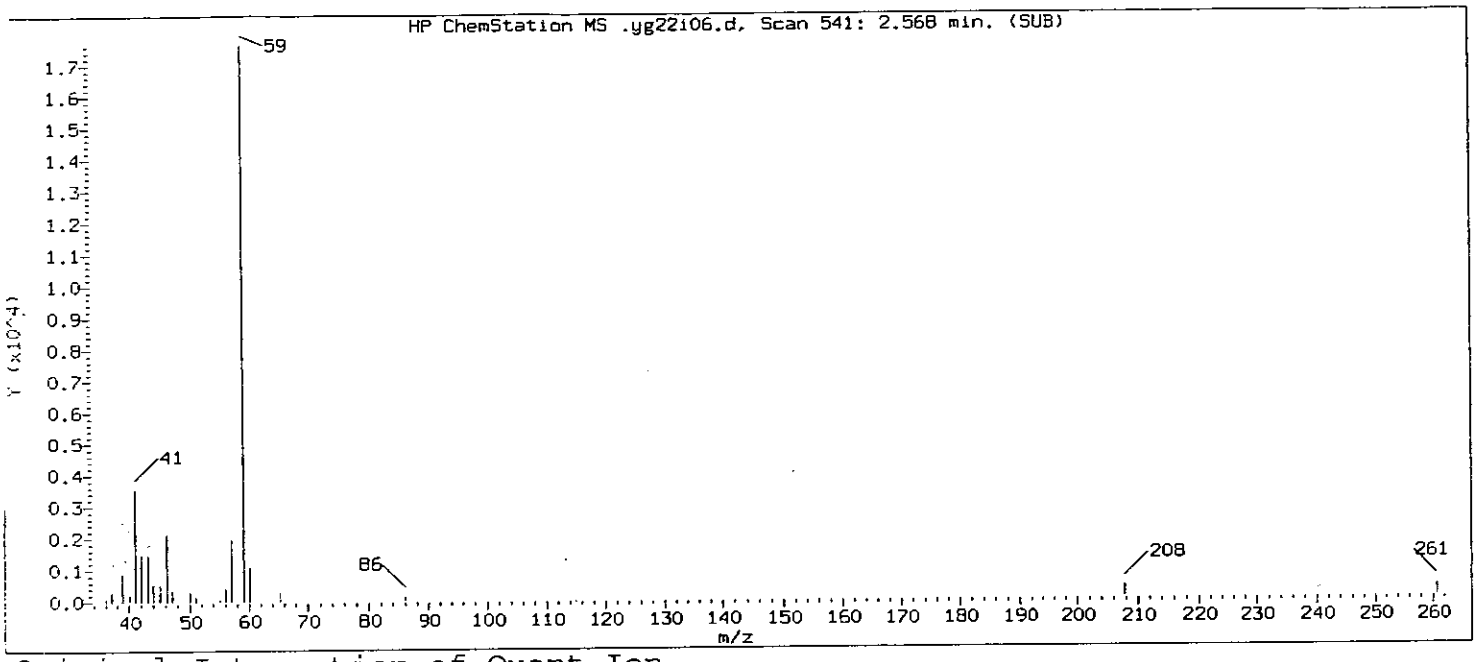
Compound Number : 24
Compound Name : t-Butyl Alcohol
Scan Number : 541
Retention Time (minutes) : 2.568
Quant Ion : 59
Area (flag) : 90190 M
Concentration (ug/L) : 82.4693
Integration start scan : 504 Integration stop scan: 579
Y at integration start : 0 Y at integration end: 0

Reason for manual integration (circle one): missed peak improper integration

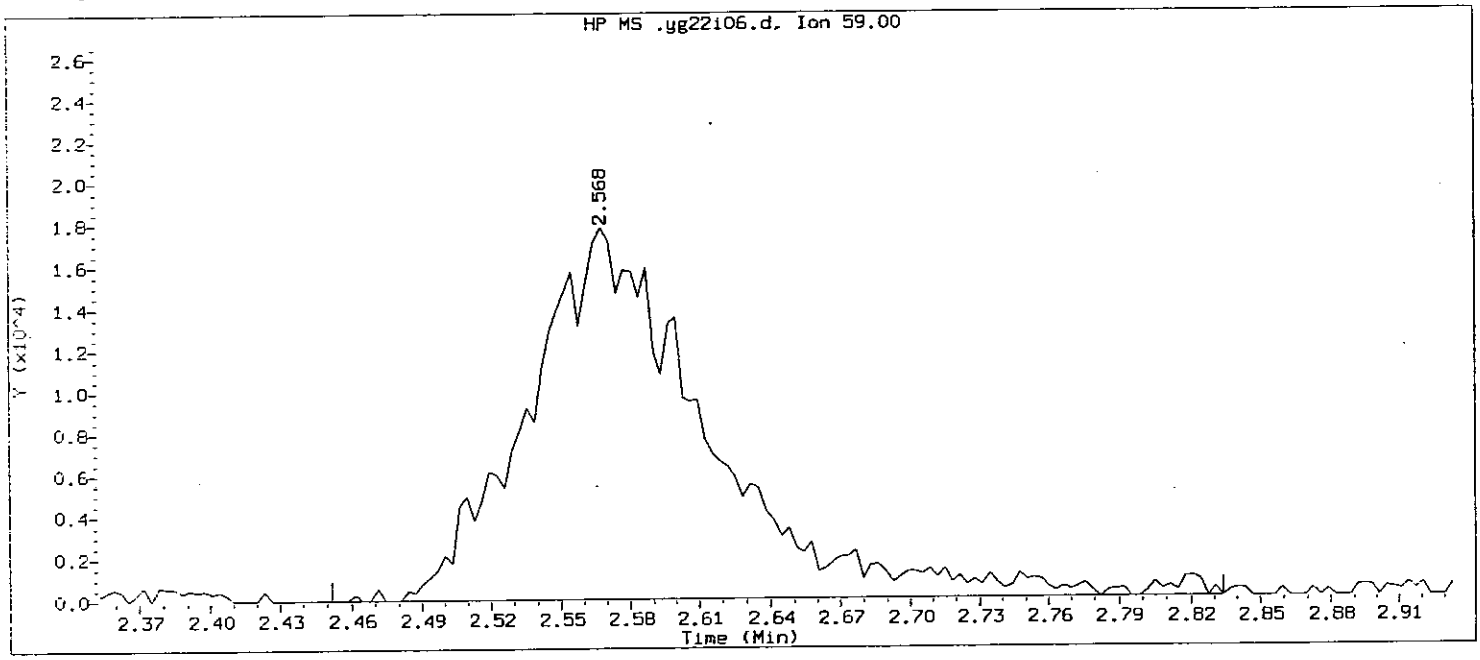
Analyst responsible for change: NRR 12b 8/22/07 (3) MM 8260 8/22/07
8228

GC/MS audit/management approval: 8/22/07

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem2/HP09355.i/07aug22b.b/yg22i06.d Instrument ID: HP09355.i
Injection date and time: 22-AUG-2007 11:56 Analyst ID: NRR01826

Method used: /chem2/HP09355.i/07aug22b.b/Y8260W.m Sublist used: 8260WIICAL
Calibration date and time: 22-AUG-2007 12:12
Date, time and analyst ID of latest file update: 22-Aug-2007 12:12 Automation

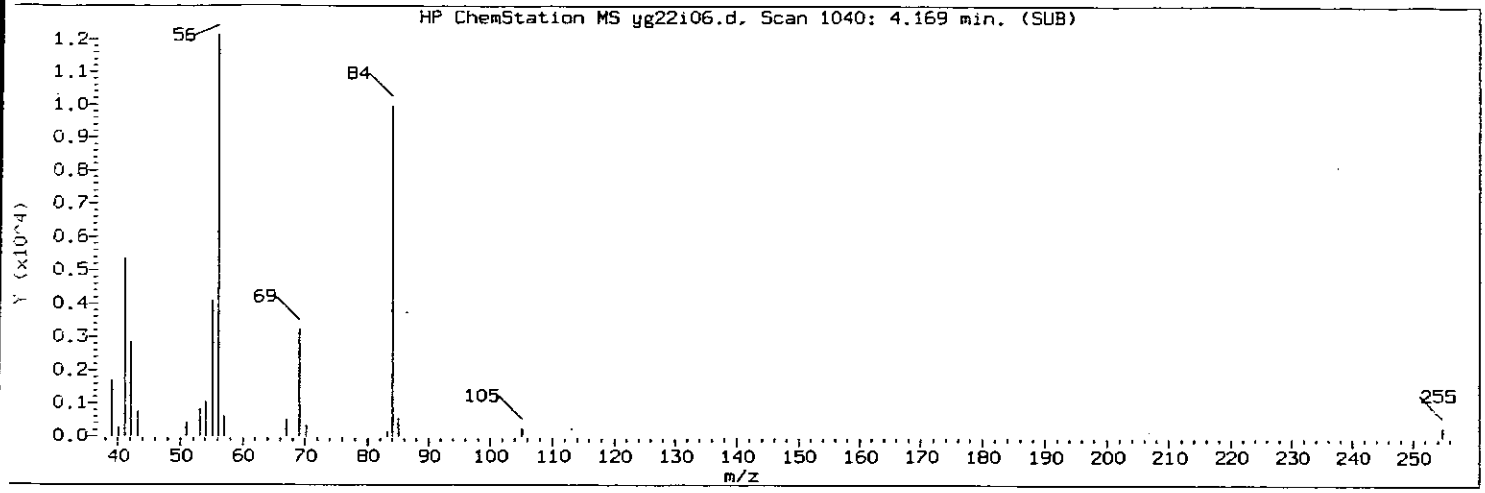
Sample Name: VSTD004 Lab Sample ID: VSTD004

Compound Number	: 24
Compound Name	: t-Butyl Alcohol
Scan Number	: 541
Retention Time (minutes)	: 2.568
Quant Ion	: 59
Area	: 95704
Concentration (ug/L)	: 86.6014
Integration start scan	: 504 Integration stop scan: 623
Y at integration start	: 0 Y at integration end: 0

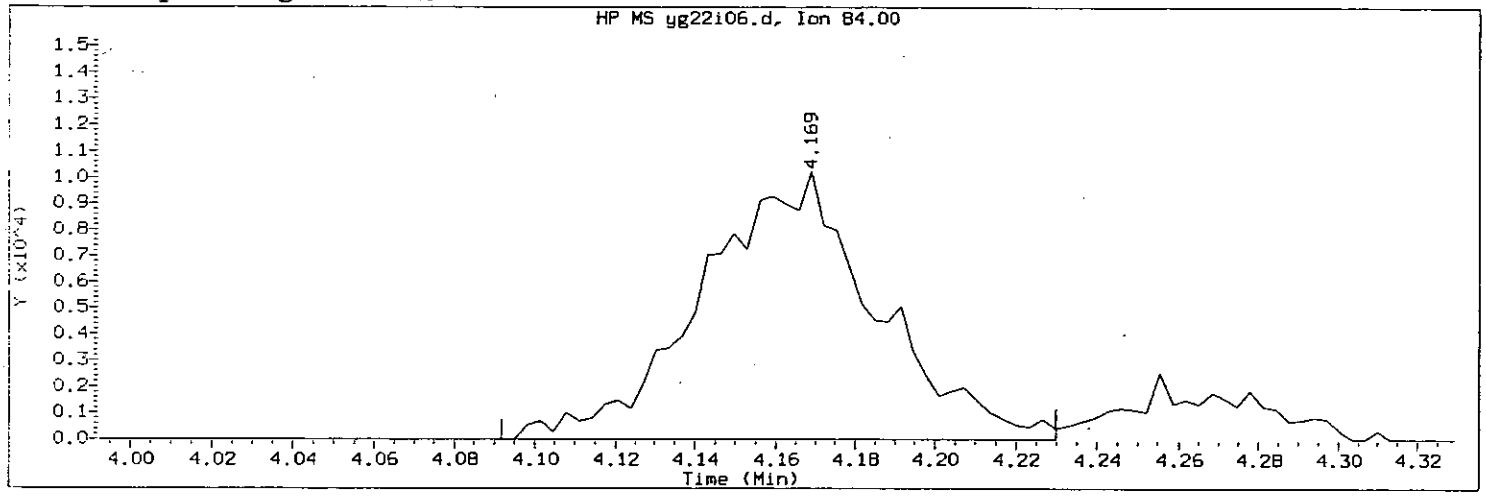
8221

Original Integration Report for data file /chem2/HP09355.i/07aug22b.b/yg22i06.d, generated on 08/22/2007 at 12:17

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem2/HP09355.i/07aug22b.b/yg22i06.d Instrument ID: HP09355.i
Injection date and time: 22-AUG-2007 11:56 Analyst ID: NRR01826

Method used: /chem2/HP09355.i/07aug22b.b/Y8260W.m Sublist used: 8260WIICAL
Calibration date and time: 22-AUG-2007 12:12
Date, time and analyst ID of latest file update: 22-Aug-2007 12:17 nrr01826

Sample Name: VSTD004 Lab Sample ID: VSTD004

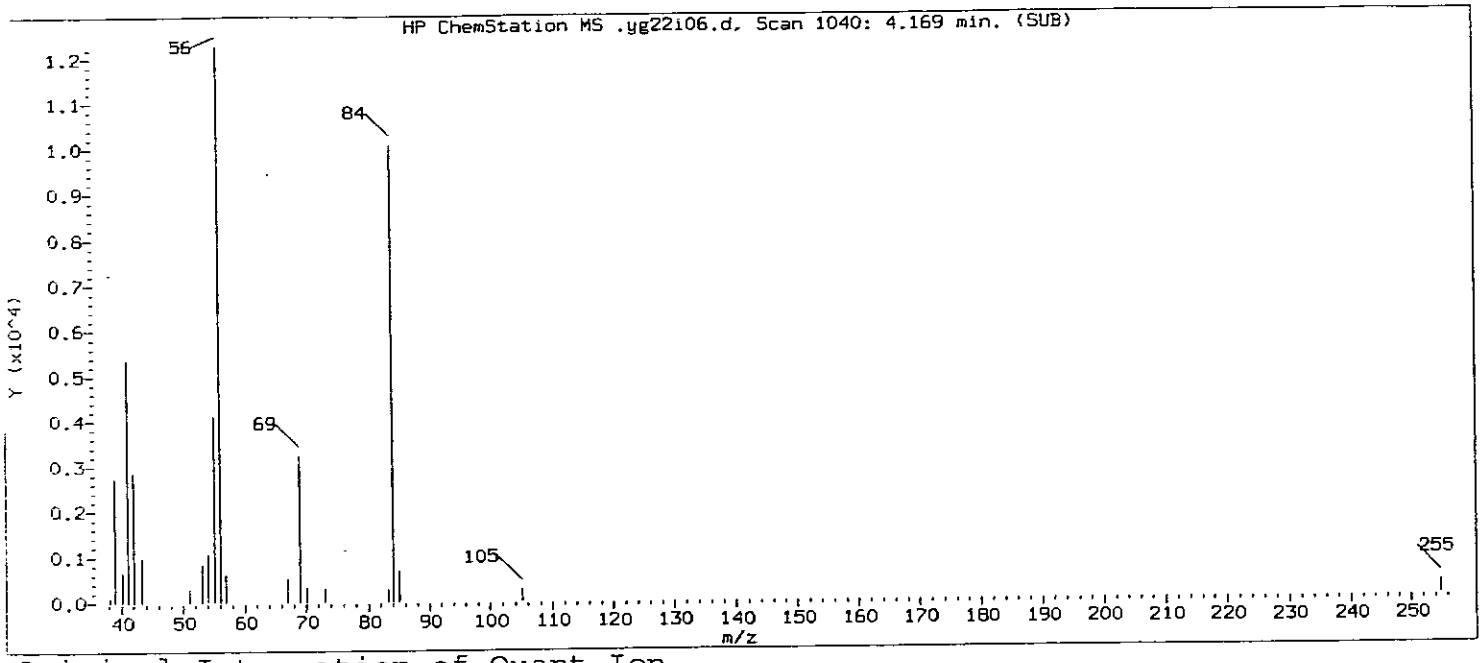
Compound Number : 52
Compound Name : Cyclohexane (mz 84)
Scan Number : 1040
Retention Time (minutes): 4.169
Quant Ion : 84
Area (flag) : 30766 M
Concentration (ug/L) : 4.0247
Integration start scan : 1015 Integration stop scan: 1058
Y at integration start : 0 Y at integration end: 0

Reason for manual integration (circle one): missed peak improper integration

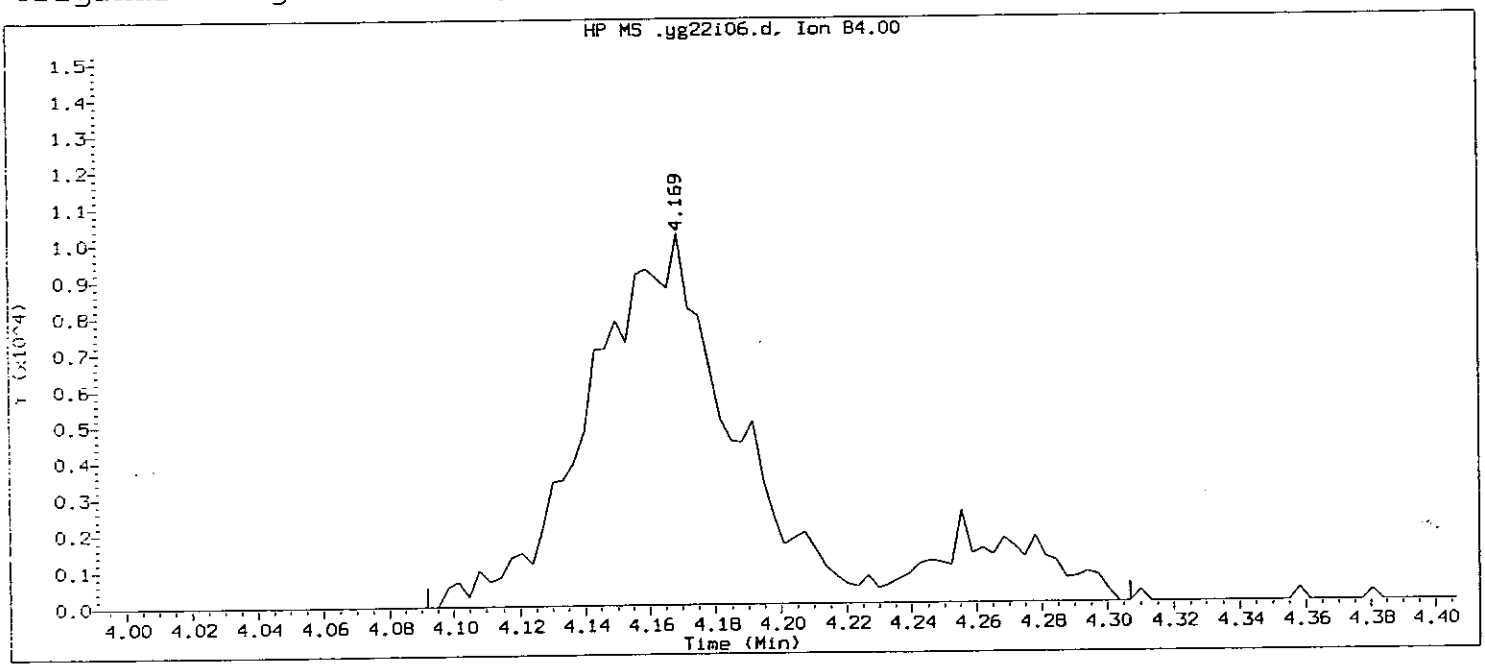
Analyst responsible for change: NRR 1826 8/22/07
8222

GC/MS audit/management approval: 321, 8/23/07

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem2/HP09355.i/07aug22b.b/yg22i06.d Instrument ID: HP09355.i
Injection date and time: 22-AUG-2007 11:56 Analyst ID: NRR01826

Method used: /chem2/HP09355.i/07aug22b.b/Y8260W.m Sublist used: 8260WIICAL
Calibration date and time: 22-AUG-2007 12:12
Date, time and analyst ID of latest file update: 22-Aug-2007 12:12 Automation

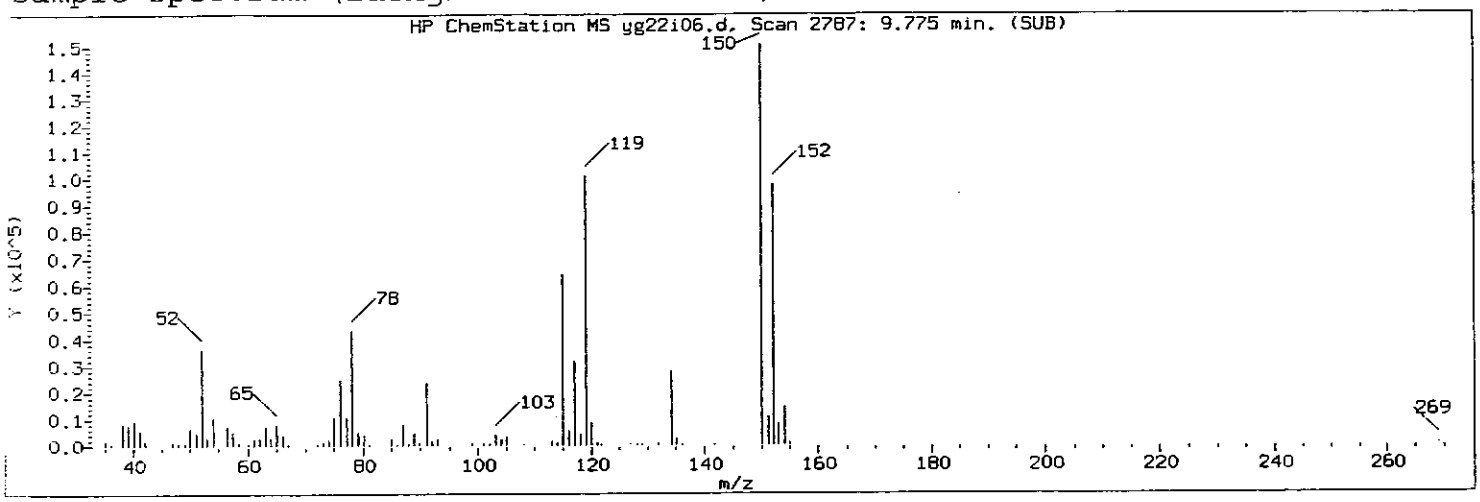
Sample Name: VSTD004 Lab Sample ID: VSTD004

Compound Number : 52
Compound Name : Cyclohexane (mz 84)
Scan Number : 1040
Retention Time (minutes) : 4.169
Quant Ion : 84
Area : 35617
Concentration (ug/L) : 4.5392
Integration start scan : 1015 Integration stop scan: 1082
Y at integration start : 0 Y at integration end: 0

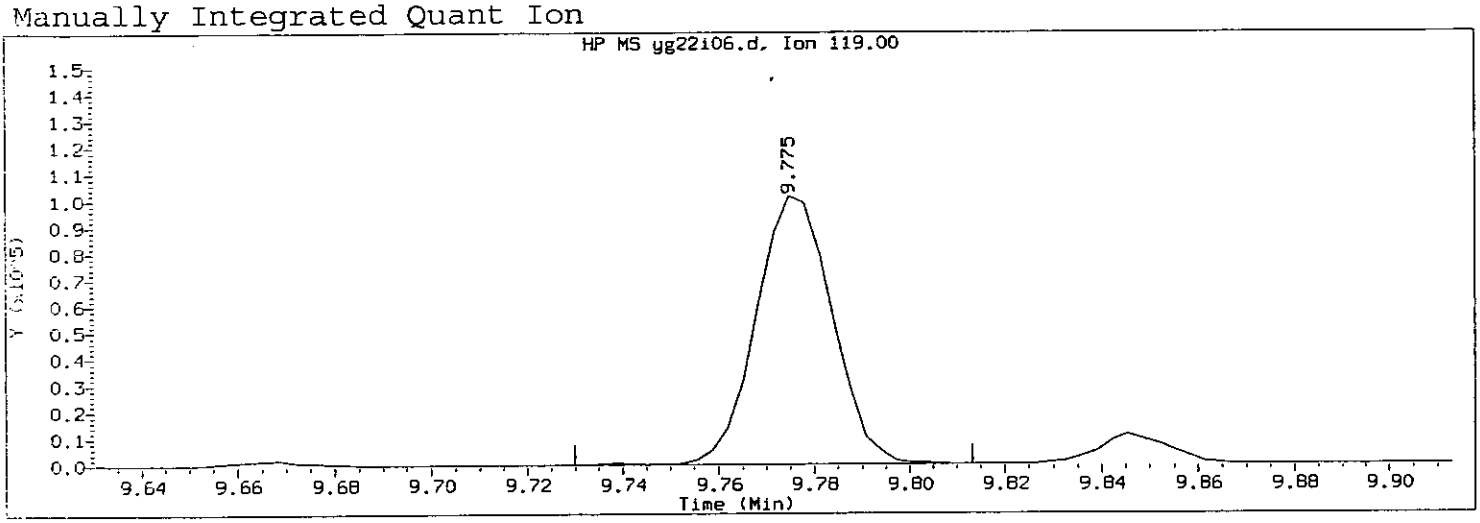
8223

Original Integration Report for data file /chem2/HP09355.i/07aug22b.b/yg22i06.d, generated on 08/22/2007 at 12:17

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem2/HP09355.i/07aug22b.b/yg22i06.d Instrument ID: HP09355.i
Injection date and time: 22-AUG-2007 11:56 Analyst ID: NRR01826

Method used: /chem2/HP09355.i/07aug22b.b/Y8260W.m Sublist used: 8260WIICAL
Calibration date and time: 22-AUG-2007 12:12
Date, time and analyst ID of latest file update: 22-Aug-2007 12:17 nrr01826

Sample Name: VSTD004 Lab Sample ID: VSTD004

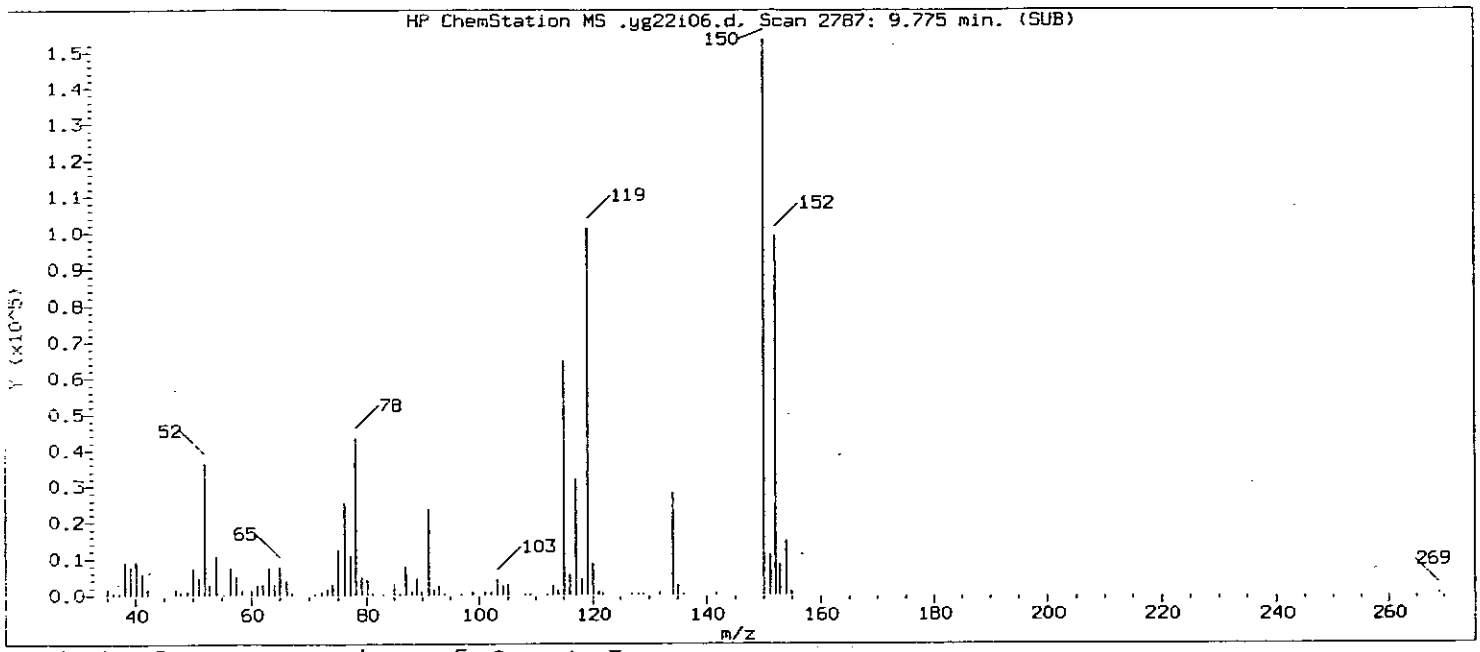
Compound Number	: 132
Compound Name	: p-Isopropyltoluene
Scan Number	: 2787
Retention Time (minutes)	: 9.775
Quant Ion	: 119
Area (flag)	: 112030 M
Concentration (ug/L)	: 3.9332
Integration start scan	: 2772 Integration stop scan: 2798
Y at integration start	: 0 Y at integration end: 0

Reason for manual integration (circle one): missed peak improper integration

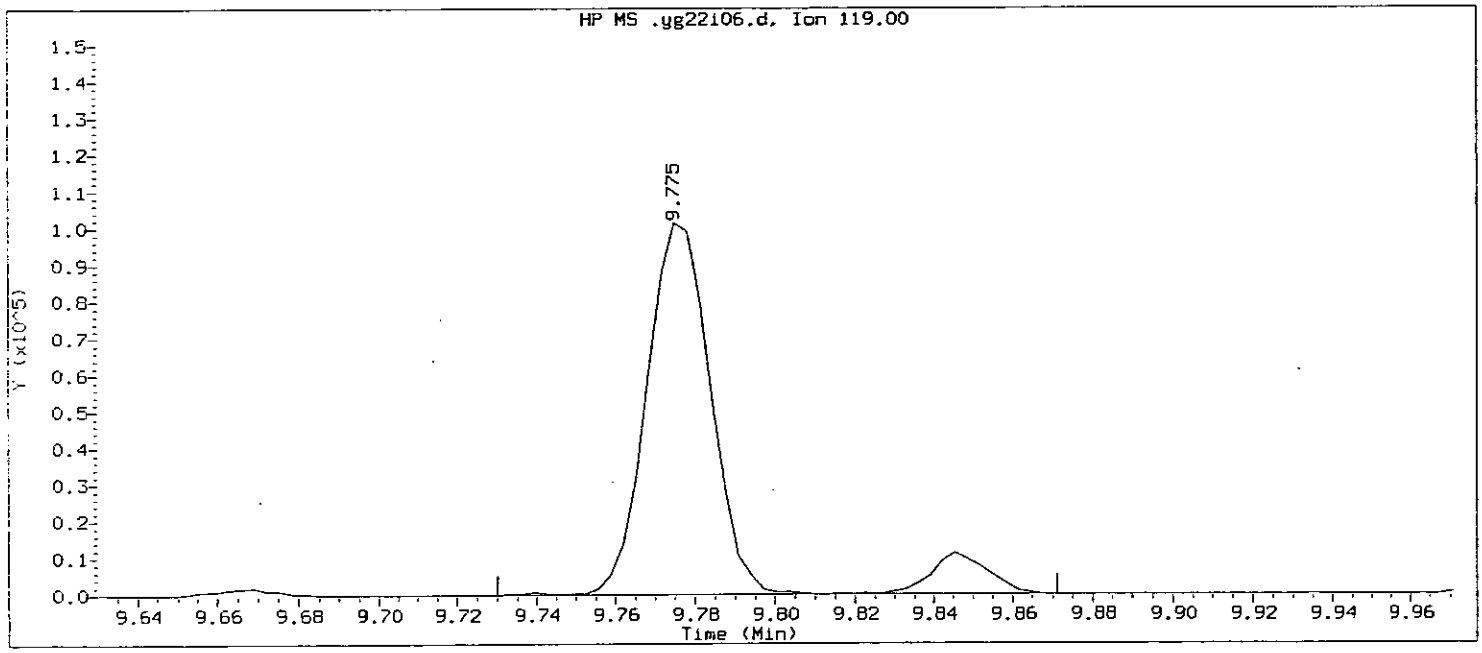
Analyst responsible for change: NRR 1826 8/22/07 0224

GC/MS audit/management approval: BM/321, 8/23/07

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem2/HP09355.i/07aug22b.b/yg22i06.d Instrument ID: HP09355.i
Injection date and time: 22-AUG-2007 11:56 Analyst ID: NRR01826

Method used: /chem2/HP09355.i/07aug22b.b/Y8260W.m Sublist used: 8260WIICAL
Calibration date and time: 22-AUG-2007 12:12
Date, time and analyst ID of latest file update: 22-Aug-2007 12:12 Automation

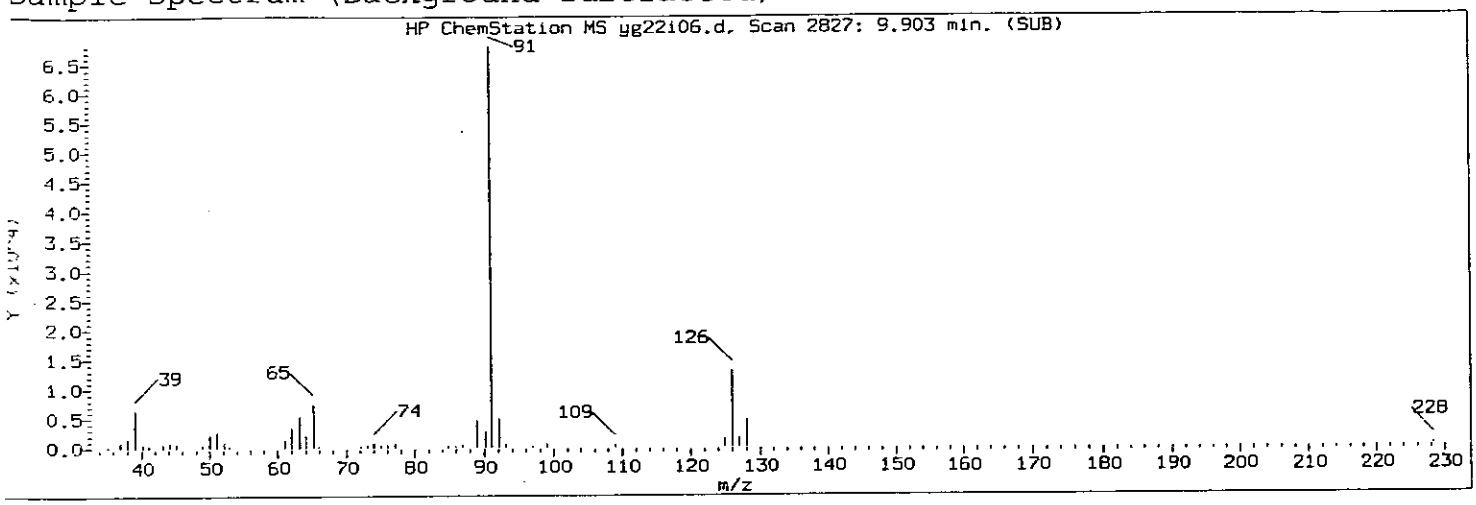
Sample Name: VSTD004 Lab Sample ID: VSTD004

Compound Number	: 132
Compound Name	: p-Isopropyltoluene
Scan Number	: 2787
Retention Time (minutes)	: 9.775
Quant Ion	: 119
Area	: 123102
Concentration (ug/L)	: 4.2530
Integration start scan	: 2772 Integration stop scan: 2816
Y at integration start	: 0 Y at integration end: 0

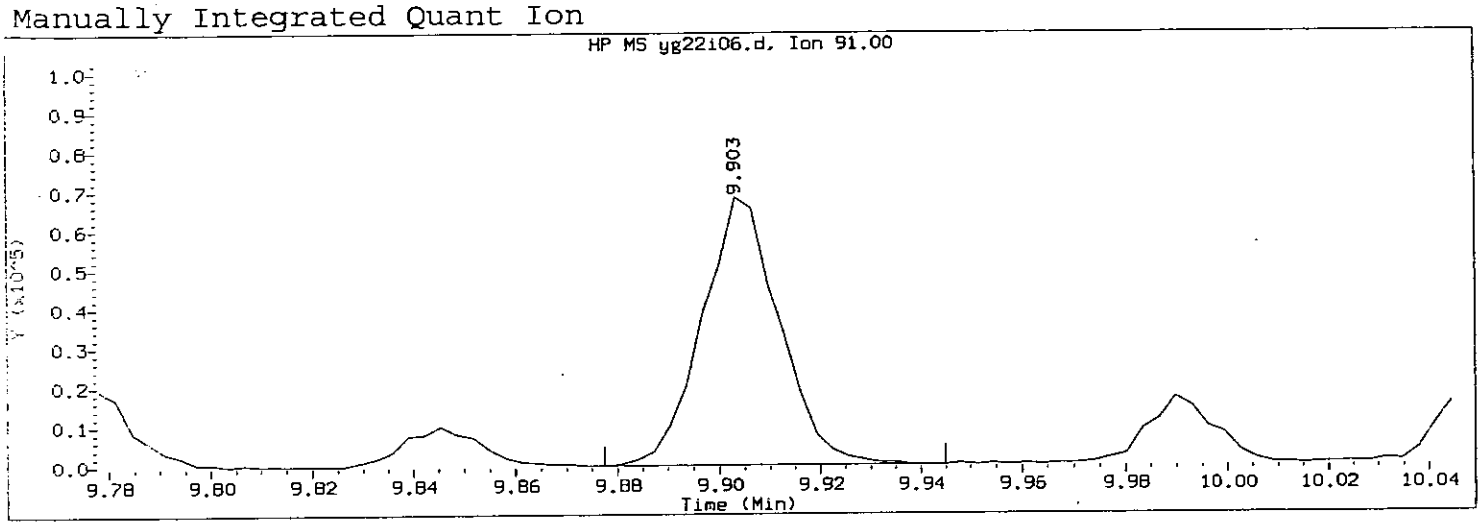
8225

Original Integration Report for data file /chem2/HP09355.i/07aug22b.b/yg22i06.d, generated on 08/22/2007 at 12:17

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem2/HP09355.i/07aug22b.b/yg22i06.d Instrument ID: HP09355.i
Injection date and time: 22-AUG-2007 11:56 Analyst ID: NRR01826

Method used: /chem2/HP09355.i/07aug22b.b/Y8260W.m Sublist used: 8260WIICAL
Calibration date and time: 22-AUG-2007 12:12
Date, time and analyst ID of latest file update: 22-Aug-2007 12:17 nrr01826

Sample Name: VSTD004 Lab Sample ID: VSTD004

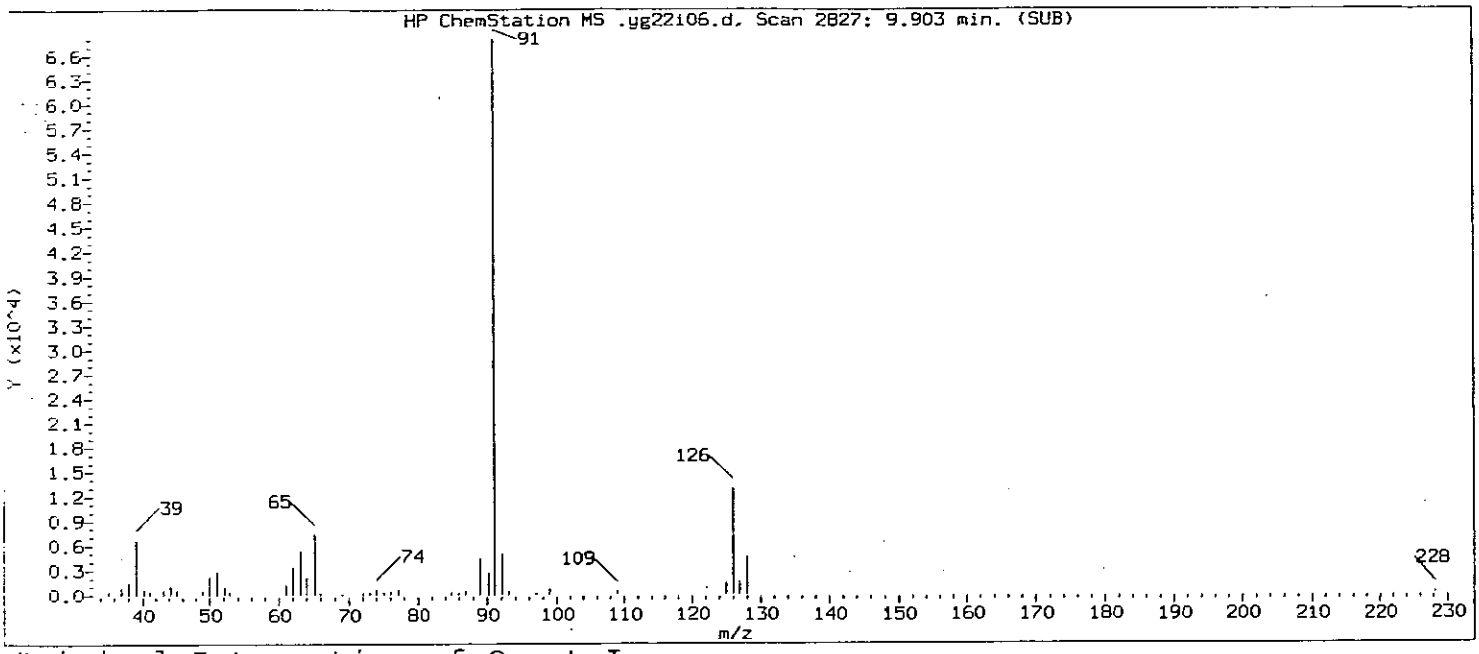
Compound Number	:	136
Compound Name	:	Benzyl Chloride
Scan Number	:	2827
Retention Time (minutes)	:	9.903
Quant Ion	:	91
Area (flag)	:	72004 M
Concentration (ug/L)	:	3.4459
Integration start scan	:	2818 Integration stop scan: 2839
Y at integration start	:	0 Y at integration end: 0

Reason for manual integration (circle one): missed peak improper integration

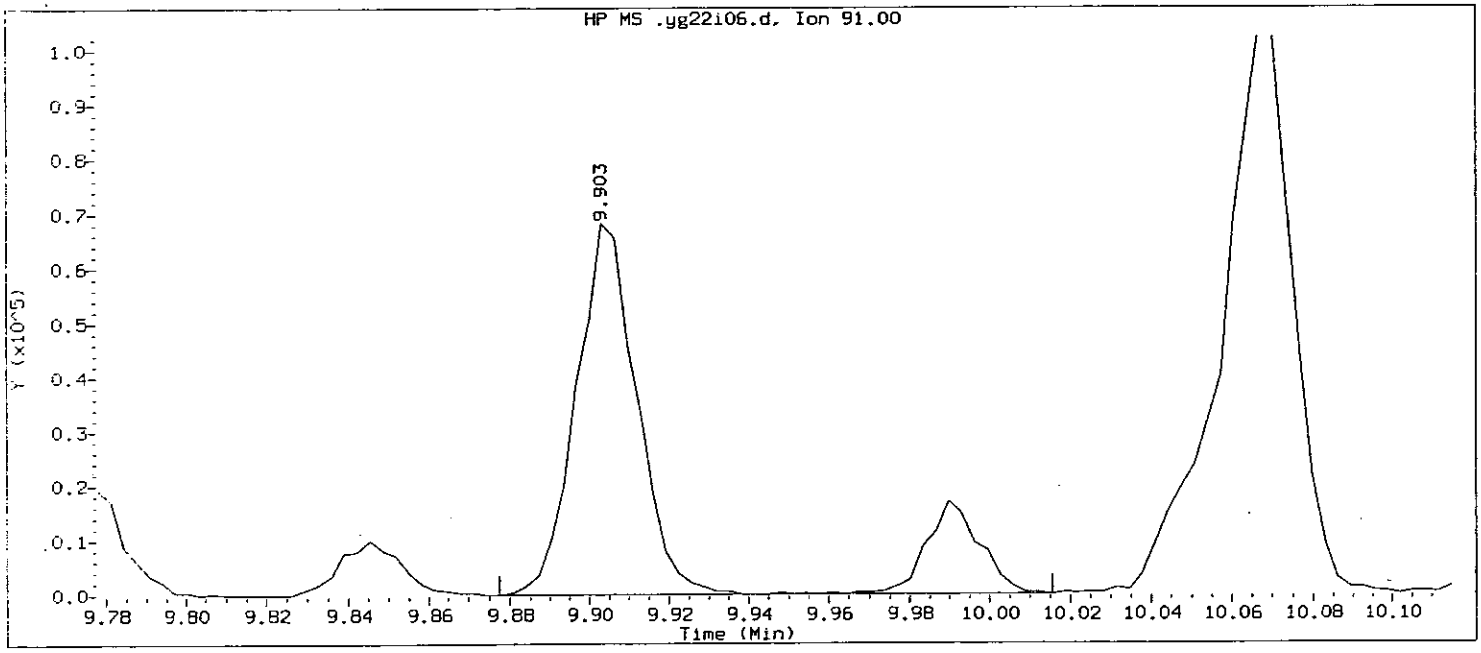
Analyst responsible for change: NRR 1826 8/23/07

GC/MS audit/management approval: [signature] 8/23/07

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem2/HP09355.i/07aug22b.b/yg22i06.d Instrument ID: HP09355.i
Injection date and time: 22-AUG-2007 11:56 Analyst ID: NRR01826

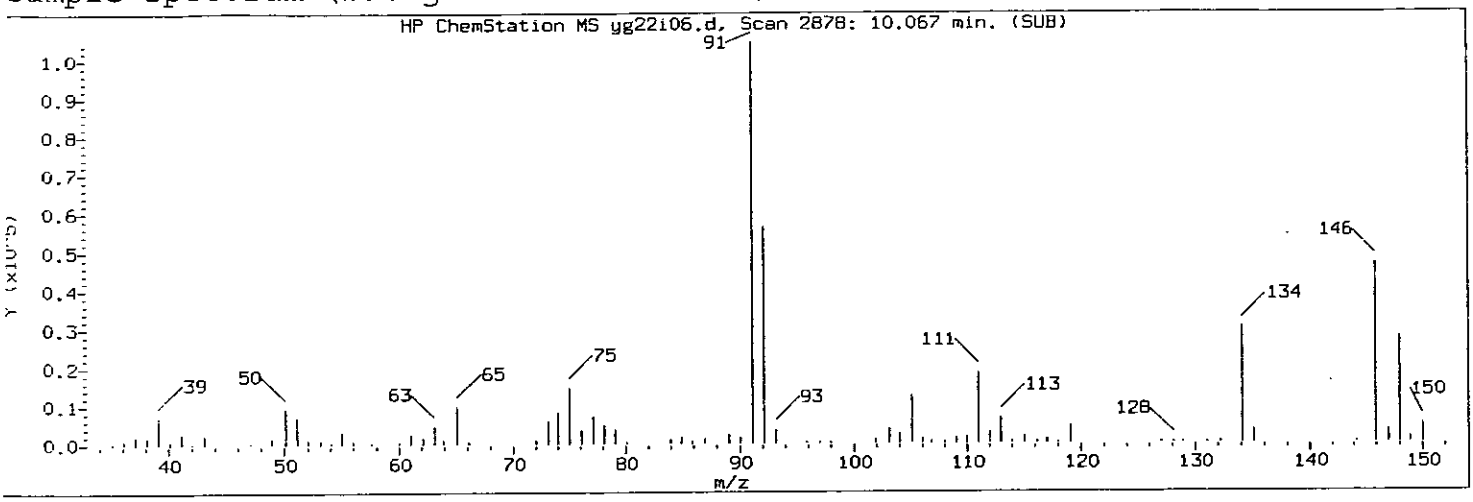
Method used: /chem2/HP09355.i/07aug22b.b/Y8260W.m Sublist used: 8260WIICAL
Calibration date and time: 22-AUG-2007 12:12
Date, time and analyst ID of latest file update: 22-Aug-2007 12:12 Automation

Sample Name: VSTD004 Lab Sample ID: VSTD004

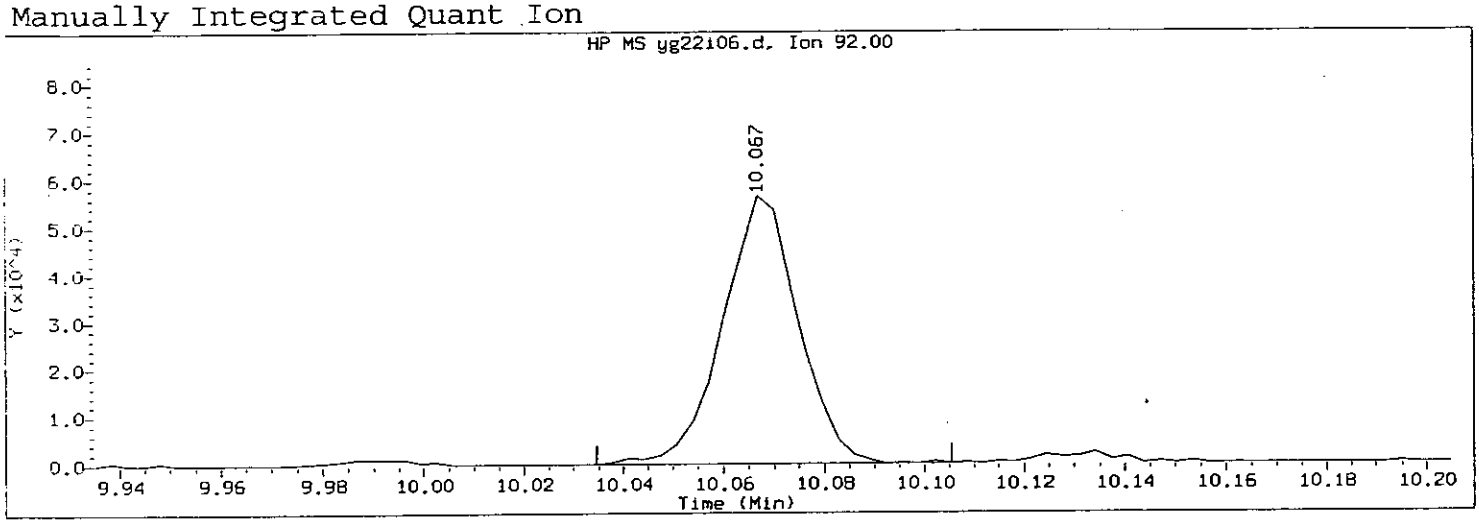
Compound Number : 136
Compound Name : Benzyl Chloride
Scan Number : 2827
Retention Time (minutes): 9.903 8227
Quant Ion : 91
Area : 87756
Concentration (ug/L) : 4.0718
Integration start scan : 2818 Integration stop scan: 2861
Y at integration start : 0 Y at integration end: 0

Original Integration Report for data file /chem2/HP09355.i/07aug22b.b/yg22i06.d, generated on 08/22/2007 at 12:17

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem2/HP09355.i/07aug22b.b/yg22i06.d Instrument ID: HP09355.i
Injection date and time: 22-AUG-2007 11:56 Analyst ID: NRR01826

Method used: /chem2/HP09355.i/07aug22b.b/Y8260W.m Sublist used: 8260WIICAL
Calibration date and time: 22-AUG-2007 12:12
Date, time and analyst ID of latest file update: 22-Aug-2007 12:17 nrr01826

Sample Name: VSTD004 Lab Sample ID: VSTD004

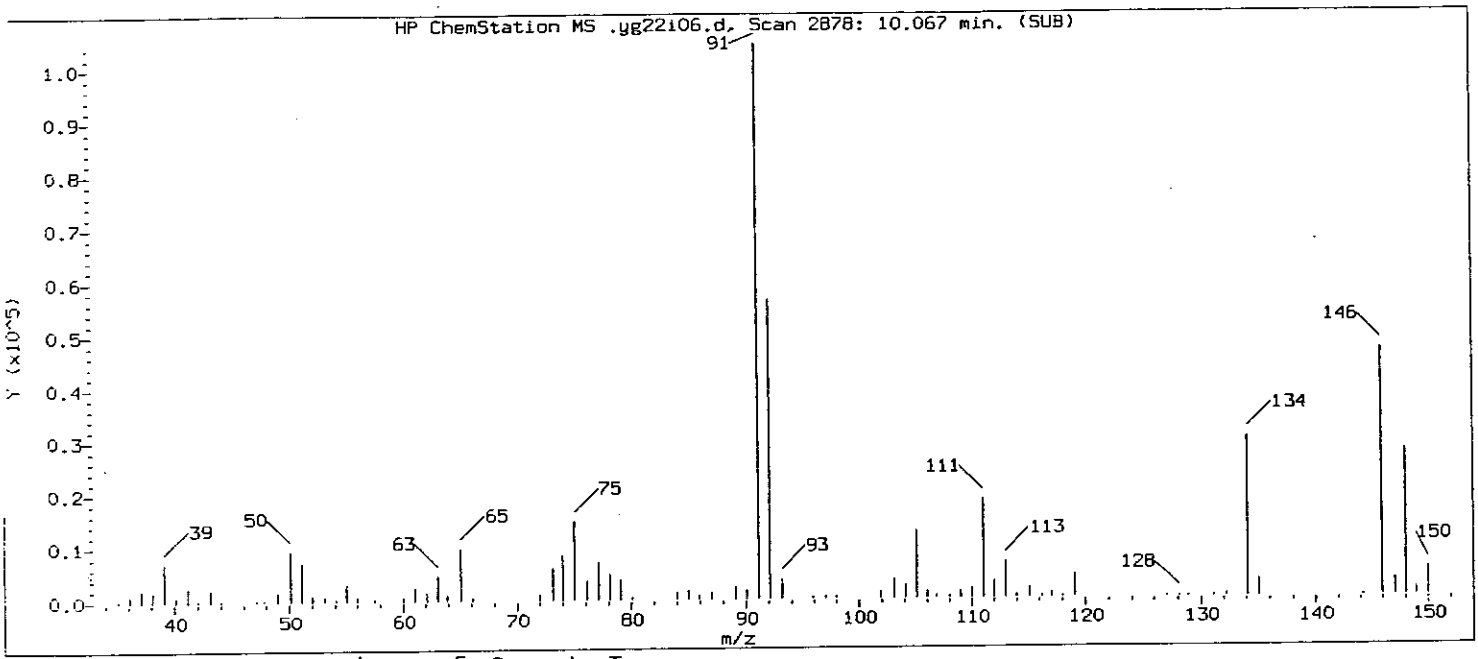
Compound Number	:	139
Compound Name	:	n-Butylbenzene
Scan Number	:	2878
Retention Time (minutes)	:	10.067
Quant Ion	:	92
Area (flag)	:	58485 M
Concentration (ug/L)	:	3.9773
Integration start scan	:	2867 Integration stop scan: 2889
Y at integration start	:	0 Y at integration end: 0

Reason for manual integration (circle one): missed peak improper integration

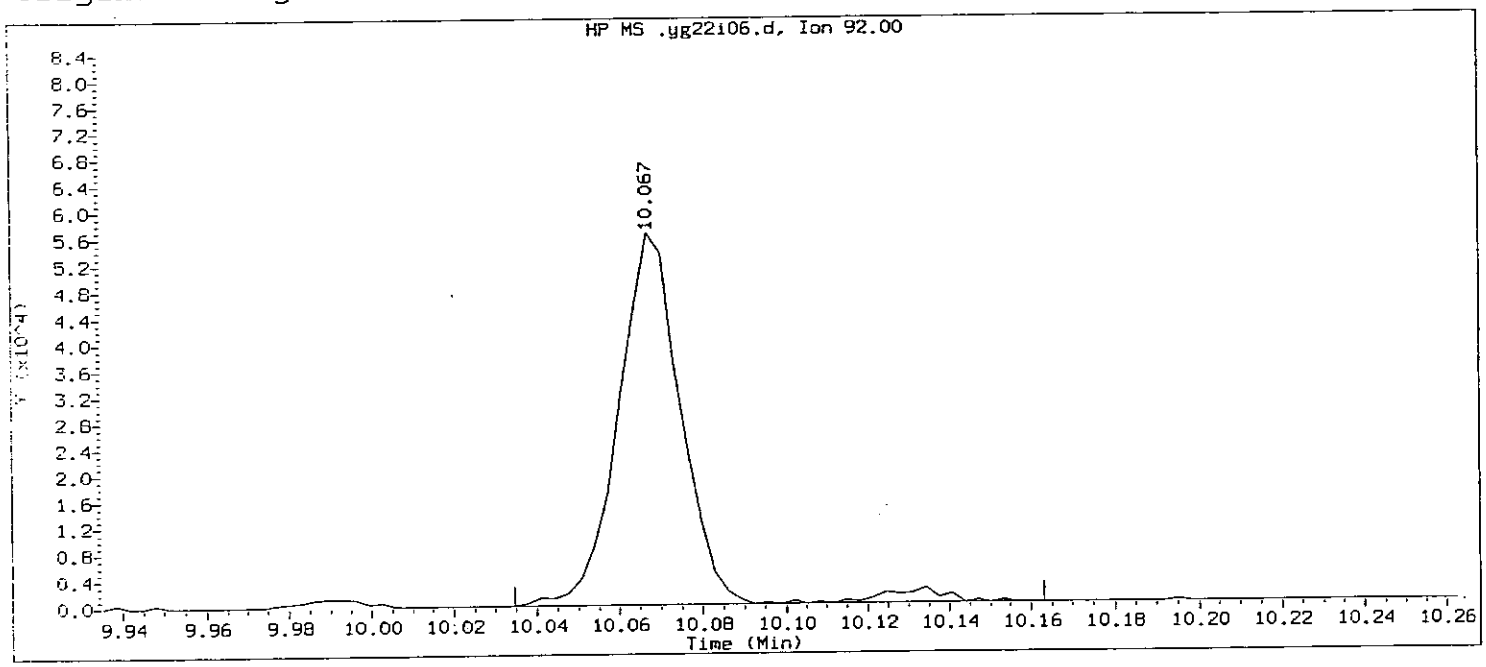
Analyst responsible for change: NRR 1526 8/22/07

GC/MS audit/management approval: [signature] 8/22/07

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem2/HP09355.i/07aug22b.b/yg22i06.d Instrument ID: HP09355.i
Injection date and time: 22-AUG-2007 11:56 Analyst ID: NRR01826

Method used: /chem2/HP09355.i/07aug22b.b/Y8260W.m Sublist used: 8260WIICAL
Calibration date and time: 22-AUG-2007 12:12
Date, time and analyst ID of latest file update: 22-Aug-2007 12:12 Automation

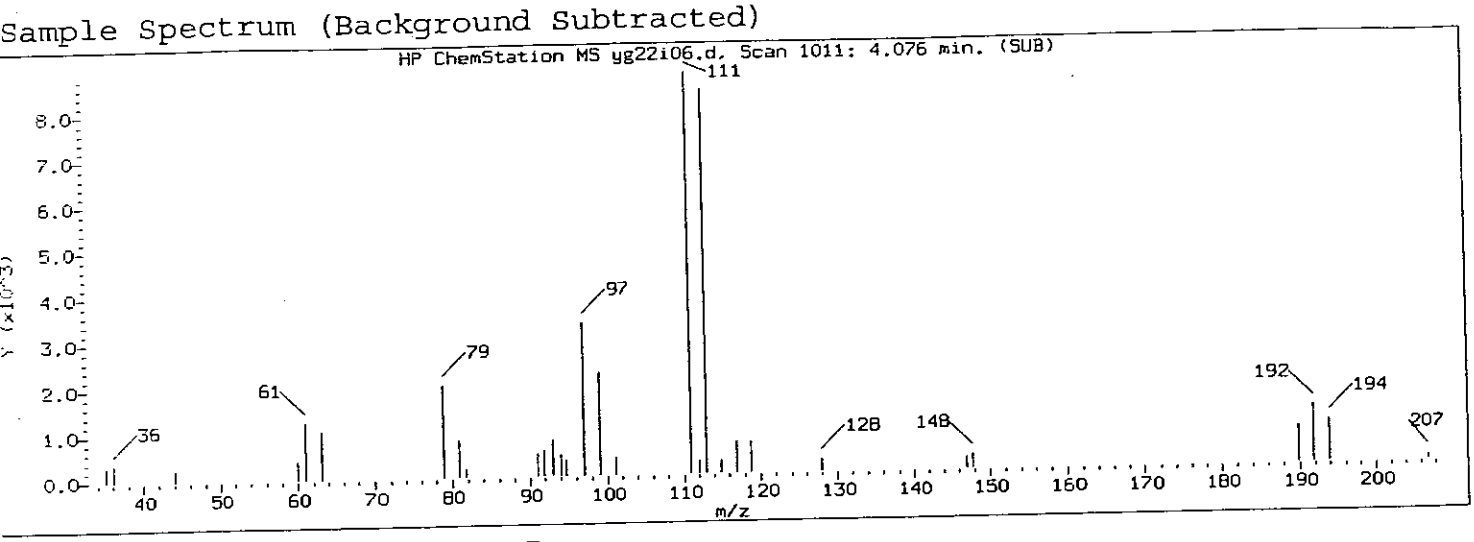
Sample Name: VSTD004 Lab Sample ID: VSTD004

Compound Number	:	139
Compound Name	:	n-Butylbenzene
Scan Number	:	2878
Retention Time (minutes)	:	10.067
Quant Ion	:	92
Area	:	60728
Concentration (ug/L)	:	4.1037
Integration start scan	:	2867 Integration stop scan: 2907
Y at integration start	:	0 Y at integration end: 0

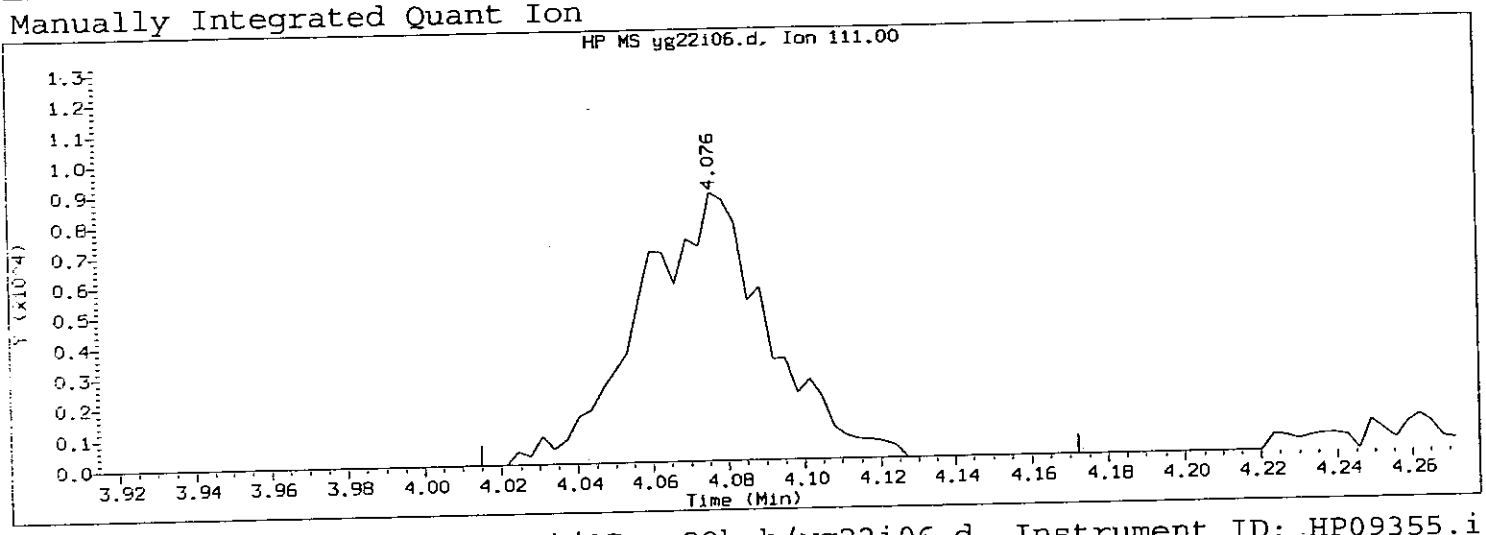
8229

Original Integration Report for data file /chem2/HP09355.i/07aug22b.b/yg22i06.d, generated on 08/22/2007 at 12:17

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem2/HP09355.i/07aug22b.b/yg22i06.d Instrument ID: HP09355.i
Injection date and time: 22-AUG-2007 11:56 Analyst ID: NRR01826

Method used: /chem2/HP09355.i/07aug22b.b/Y8260W.m Sublist used: 8260WIICAL
Calibration date and time: 22-AUG-2007 12:12
Date, time and analyst ID of latest file update: 22-Aug-2007 12:17 nrr01826

Sample Name: VSTD004 Lab Sample ID: VSTD004

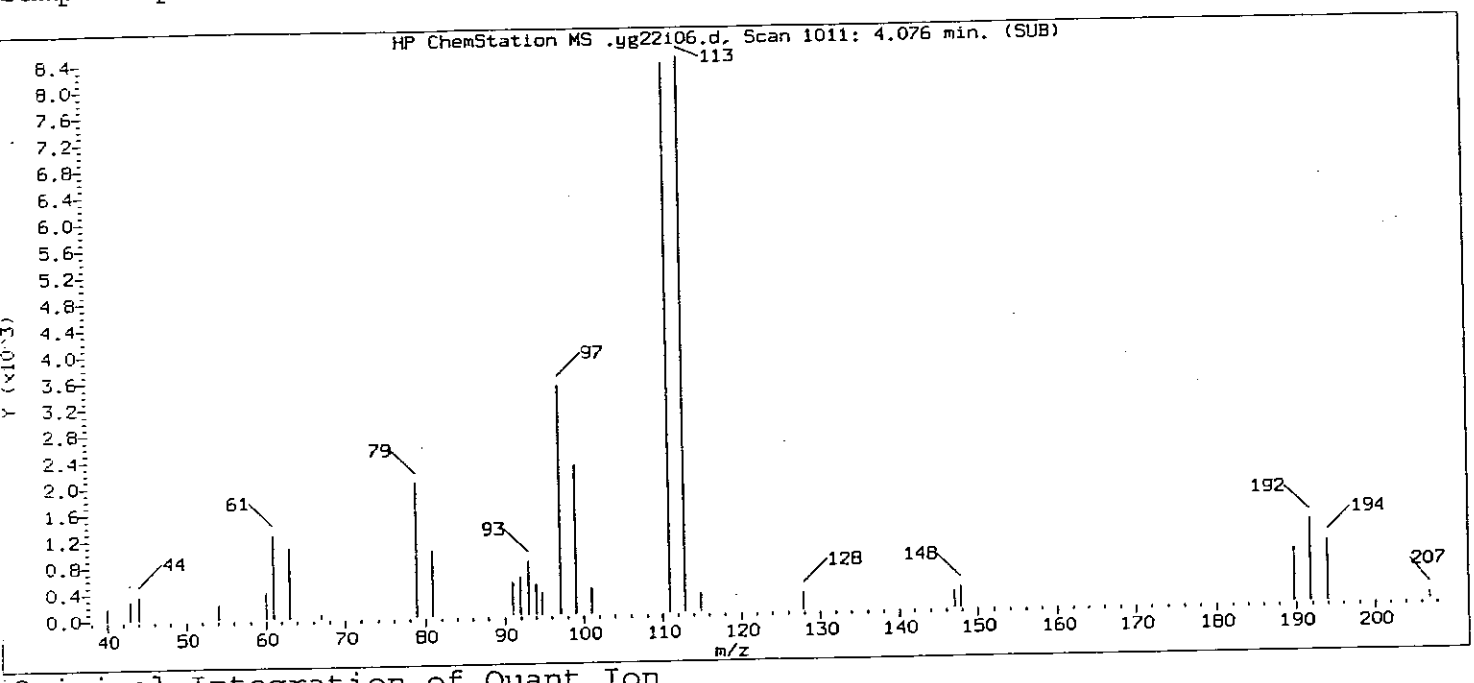
Compound Number : 49
Compound Name : Dibromofluoromethane(mz111)
Scan Number : 1011
Retention Time (minutes): 4.076
Quant Ion : 111
Area (flag) : 20813 M
Concentration (ug/L) : 3.8214
Integration start scan : 991 Integration stop scan: 1040
Y at integration start : 0 Y at integration end: 0

Reason for manual integration (circle one): missed peak improper integration

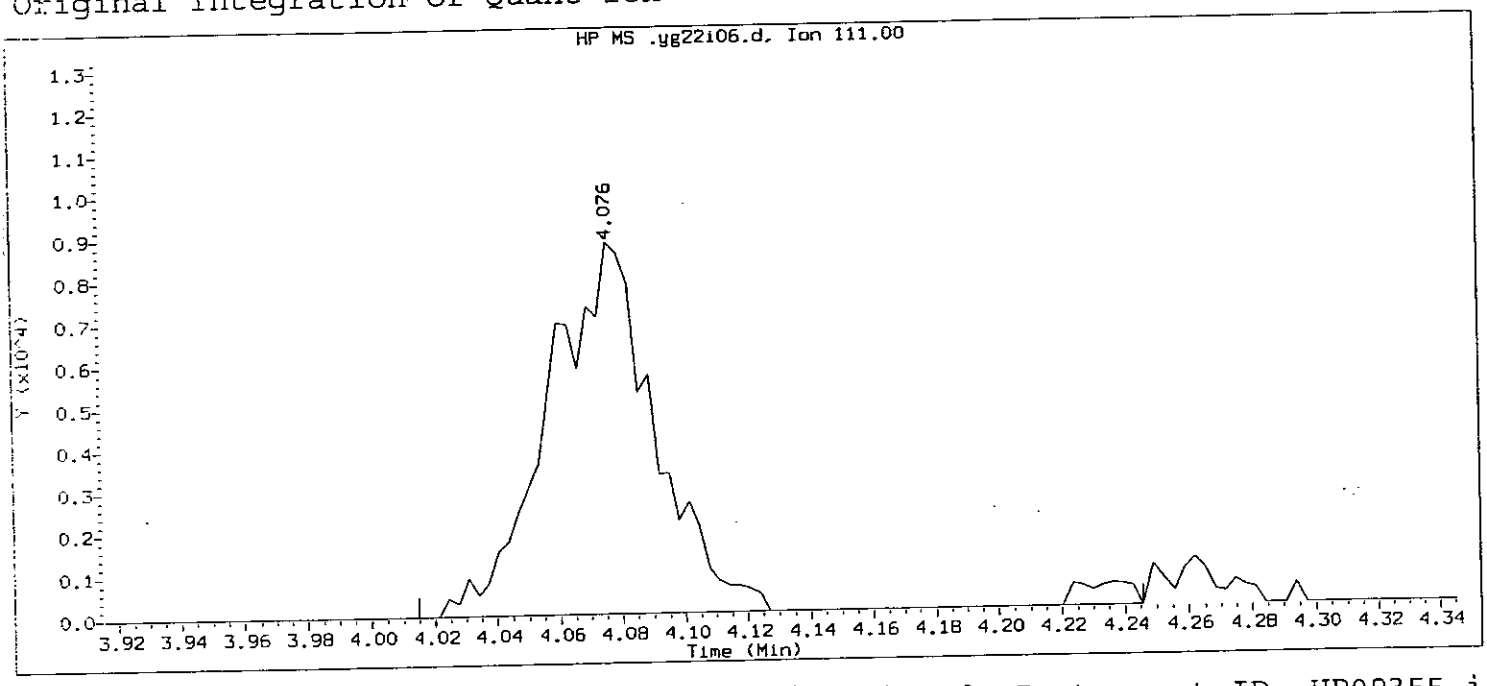
Analyst responsible for change: NRR 1326 8/22/07

GC/MS audit/management approval: 8238 8/23/07

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem2/HP09355.i/07aug22b.b/yg22i06.d Instrument ID: HP09355.i
Injection date and time: 22-AUG-2007 11:56 Analyst ID: NRR01826

Method used: /chem2/HP09355.i/07aug22b.b/Y8260W.m Sublist used: 8260WIICAL
Calibration date and time: 22-AUG-2007 12:12
Date, time and analyst ID of latest file update: 22-Aug-2007 12:12 Automation

Sample Name: VSTD004 Lab Sample ID: VSTD004

Compound Number	:	49
Compound Name	:	Dibromofluoromethane(mz111)
Scan Number	:	1011
Retention Time (minutes)	:	4.076
Quant Ion	:	111
Area	:	21460
Concentration (ug/L)	:	3.9208
Integration start scan	:	991 Integration stop scan: 1063
Y at integration start	:	0 Y at integration end: 0

0231

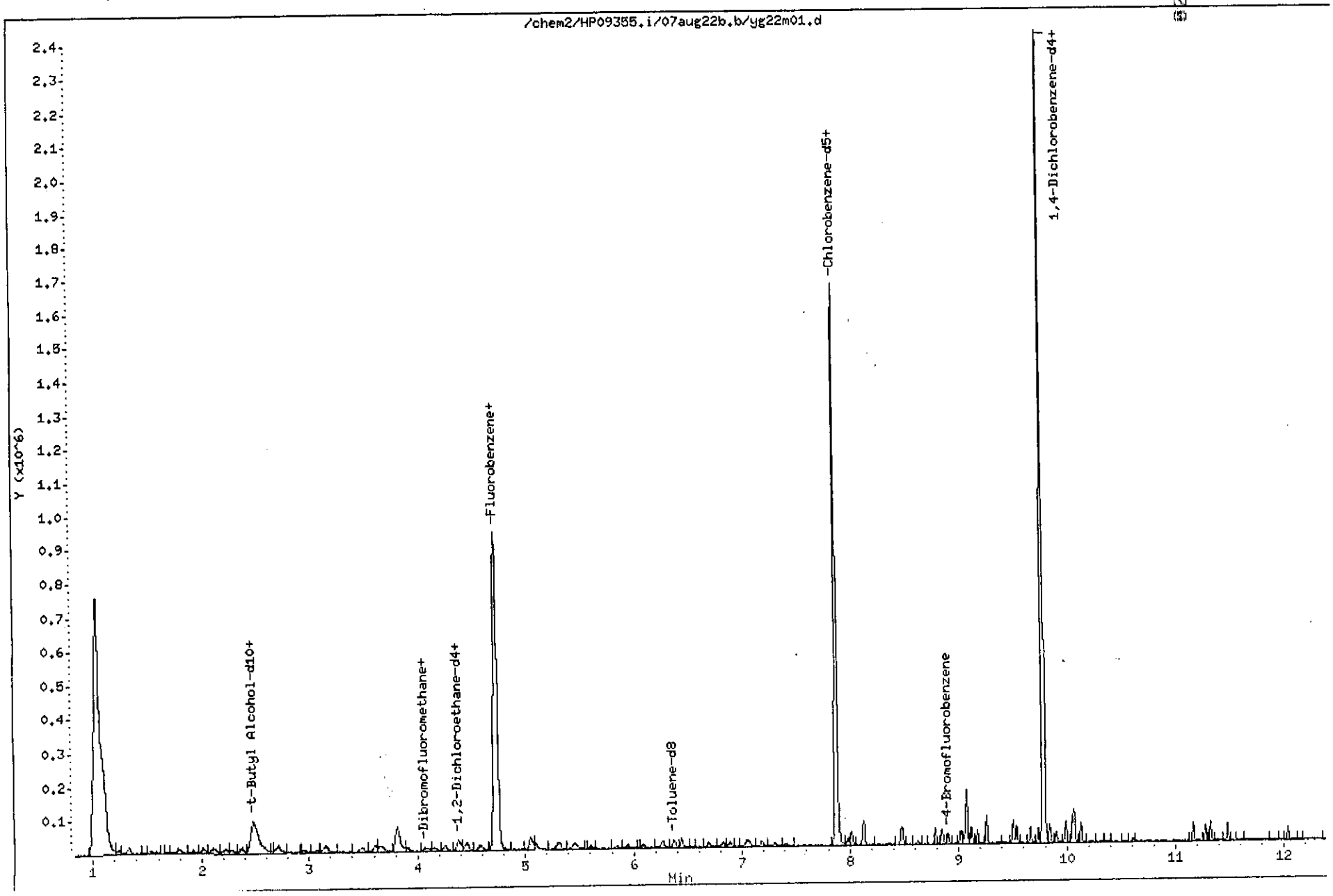
Original Integration Report for data file /chem2/HP09355.i/07aug22b.b/yg22i06.d, generated on 08/22/2007 at 12:17

Data File: /chem2/HP09355.i/07aug22b.b/yg22m01.d
Date : 22-AUG-2007 12:18
Client ID: 1 PPB MDL
Sample Info: 1 PPB MDL;1 PPB MDL;1;3;MDL/LOQ;;;
Purge Volume: 5.0
Column phase: DB-624

NRR 1826 8/22/07

Instrument: HP09355.i

Operator: NRR01826
Column diameter: 0.18



Quant Report

Target Revision 3.5

Data File: /chem2/HP09355.i/07aug22b.b/yg22m01.d Instrument ID: HP09355.i
Injection date and time: 22-AUG-2007 12:18 Analyst ID: NRR01826

Method used: /chem2/HP09355.i/07aug22b.b/Y8260W.m Sublist used: 8260WICAL
Calibration date and time: 22-AUG-2007 10:03
Date, time and analyst ID of latest file update: 22-Aug-2007 12:48 nrr01826

Sample Name: 1 PPB MDL Lab Sample ID: 1 PPB MDL

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
1) Dichlorodifluoromethane	(1)	1.175	85	5025	0.655
2) Chloromethane	(1)	1.236	50	8483	0.840
3) 1,3-Butadiene	(1)	1.329	39	6161	0.853
4) Vinyl Chloride	(1)	1.319	62	8686	0.927
5) Bromomethane	(1)	1.518	94	4948	0.896
6) Chloroethane	(1)	1.586	64	5050	0.950
8) Trichlorofluoromethane	(1)	1.788	101	7511	0.786
7) n-Pentane	(1)	1.788	43	7685	0.857
10) Ethyl Ether	(1)	1.913	59	5143	0.840
11) Acrolein	(4)	2.006	56	21872	10.465
13) 1,1-Dichloroethene	(1)	2.093	96	3496	0.746
15) Freon 113	(1)	2.106	101	3430M	0.747
14) Acetone	(1)	2.112	43	7596	2.613
16) Methyl Iodide	(1)	2.218	142	7702	0.832
17) 2-Propanol	(4)	2.218	45	16982	22.029
18) Carbon Disulfide	(1)	2.276	76	13471	0.801
20) Allyl Chloride	(1)	2.362	41	9627	0.955
21) Methyl Acetate	(1)	2.372	43	8448	1.187
22) Methylene Chloride	(1)	2.475	84	11047	1.797
23)*t-Butyl Alcohol-d10	(4)	2.491	65	239505	250.000
24) t-Butyl Alcohol	(4)	2.555	59	23822	21.845
25) Acrylonitrile	(1)	2.667	53	3545	0.949
26) trans-1,2-Dichloroethene	(1)	2.706	96	4231	0.787
27) Methyl Tertiary Butyl Ether	(1)	2.719	73	17937	0.928
29) n-Hexane	(1)	2.857	57	5125	0.706
40) 1,2-Dichloroethene (total)	(1)		96	8780	1.544
30) 1,1-Dichloroethane	(1)	3.078	63	8752	0.852
32) di-Isopropyl Ether	(1)	3.142	45	18010	0.836
33) 2-Chloro-1,3-Butadiene	(1)	3.161	53	7209	0.898
36) Ethyl t-Butyl Ether	(1)	3.486	59	16418	0.855
37) cis-1,2-Dichloroethene	(1)	3.617	96	4549	0.757
38) 2-Butanone	(1)	3.624	43	10823	2.291
39) 2,2-Dichloropropane	(1)	3.617	77	6009	0.729
41) Propionitrile	(4)	3.675	54	26536	18.814

M = Compound was manually integrated.

* = Compound is an internal standard.

Quant Report

Target Revision 3.5

Data File: /chem2/HP09355.i/07aug22b.b/yg22m01.d Instrument ID: HP09355.i
Injection date and time: 22-AUG-2007 12:18 Analyst ID: NRR01826

Method used: /chem2/HP09355.i/07aug22b.b/Y8260W.m Sublist used: 8260WICAL
Calibration date and time: 22-AUG-2007 10:03
Date, time and analyst ID of latest file update: 22-Aug-2007 12:48 nrr01826

Sample Name: 1 PPB MDL Lab Sample ID: 1 PPB MDL

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
43) Methacrylonitrile	(1)	3.806	67	35114	10.056
44) Bromochloromethane	(1)	3.842	128	2412	0.785
45) Tetrahydrofuran	(4)	3.813	71	2594	2.150
46) Chloroform	(1)	3.909	83	7468	0.792
50) 1,1,1-Trichloroethane	(1)	4.102	97	5963	0.744
51) Cyclohexane	(1)	4.153	56	6817	0.732
54) 1,1-Dichloropropene	(1)	4.246	75	5612	0.726
55) Carbon Tetrachloride	(1)	4.249	117	4756	0.687
56) Isobutyl Alcohol	(4)	4.374	41	19395	51.763
59) Benzene	(1)	4.458	78	18560	0.794
61) 1,2-Dichloroethane	(1)	4.467	62	7156	0.908
64) t-Amyl Methyl Ether	(1)	4.573	73	15804	0.856
67) n-Heptane	(1)	4.731	43	6366	0.786
66)*Fluorobenzene	(1)	4.724	96	1089396	50.000
69) n-Butanol	(4)	5.045	56	29091	92.097
70) Trichloroethene	(1)	5.103	95	4691	0.843
73) 1,2-Dichloropropane	(1)	5.315	63	5510	0.864
72) Methylcyclohexane	(1)	5.305	83	6659	0.774
75) Methyl Methacrylate	(1)	5.465	69	5214	0.940
74) Dibromomethane	(1)	5.430	93	3319M	0.870
76) 1,4-Dioxane	(4)	5.456	88	3595M	38.298
79) Bromodichloromethane	(1)	5.616	83	5843	0.821
81) 2-Nitropropane	(1)	5.844	41	3563	1.642
82) 2-Chloroethyl Vinyl Ether	(1)	5.950	63	4321	0.892
83) cis-1,3-Dichloropropene	(1)	6.085	75	7465	0.762
84) 4-Methyl-2-Pentanone	(1)	6.261	43	17572	1.771
89) Toluene	(2)	6.438	92	11069	0.766
91) trans-1,3-Dichloropropene	(2)	6.691	75	7388	0.808
92) Ethyl Methacrylate	(2)	6.826	69	7622	0.798
93) 1,1,2-Trichloroethane	(2)	6.884	97	5001	0.897
94) Tetrachloroethene	(2)	7.041	166	5350	0.821
95) 1,3-Dichloropropane	(2)	7.060	76	8914	0.897
97) 2-Hexanone	(2)	7.182	43	12704	1.800
99) Dibromochloromethane	(2)	7.301	129	5366	0.897

M = Compound was manually integrated.

8234

* = Compound is an internal standard.

Quant Report

Target Revision 3.5

Data File: /chem2/HP09355.i/07aug22b.b/yg22m01.d Instrument ID: HP09355.i
Injection date and time: 22-AUG-2007 12:18 Analyst ID: NRR01826

Method used: /chem2/HP09355.i/07aug22b.b/Y8260W.m Sublist used: 8260WICAL
Calibration date and time: 22-AUG-2007 10:03
Date, time and analyst ID of latest file update: 22-Aug-2007 12:48 nrr01826

Sample Name: 1 PPB MDL Lab Sample ID: 1 PPB MDL

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
101) 1,2-Dibromoethane	(2)	7.407	107	5230	0.873
102) *Chlorobenzene-d5	(2)	7.875	117	814778	50.000
103) Chlorobenzene	(2)	7.904	112	13221	0.790
104) 1,1,1,2-Tetrachloroethane	(2)	7.978	131	4218	0.711
105) Ethylbenzene	(2)	8.020	91	21696	0.765
106) m+p-Xylene	(2)	8.129	106	17160	1.523
107) Xylene (Total)	(2)		106	26436	2.353
108) o-Xylene	(2)	8.475	106	9276	0.830
109) Styrene	(2)	8.482	104	12465	0.667
110) Bromoform	(2)	8.626	173	4176	0.800
112) Isopropylbenzene	(2)	8.790	105	21122	0.741
114) Cyclohexanone	(4)	8.848	55	15689	40.869
118) 1,1,2,2-Tetrachloroethane	(3)	9.024	83	8294	0.890
120) trans-1,4-Dichloro-2-Butene	(3)	9.072	53	26256	9.057
117) Bromobenzene	(3)	9.018	156	6385	0.848
119) 1,2,3-Trichloropropane	(3)	9.053	110	2479	0.941
121) n-Propylbenzene	(3)	9.117	91	26993	0.800
122) 2-Chlorotoluene	(3)	9.172	126	5962	0.843
123) 1,3,5-Trimethylbenzene	(3)	9.258	105	17757	0.725
124) 4-Chlorotoluene	(3)	9.262	126	6105	0.831
127) tert-Butylbenzene	(3)	9.499	134	4175	0.722
128) Pentachloroethane	(3)	9.512	167	4324	0.855
129) 1,2,4-Trimethylbenzene	(3)	9.538	105	19523	0.780
130) sec-Butylbenzene	(3)	9.669	105	23542	0.751
132) p-Isopropyltoluene	(3)	9.775	119	21334	0.770
131) 1,3-Dichlorobenzene	(3)	9.740	146	13277	0.907
133) *1,4-Dichlorobenzene-d4	(3)	9.788	152	482836	50.000
134) 1,4-Dichlorobenzene	(3)	9.804	146	14455	0.941
135) 1,2,3-Trimethylbenzene	(3)	9.849	105	22796	0.890
136) Benzyl Chloride	(3)	9.903	91	15642	0.769
137) 1,3-Diethylbenzene	(3)	9.990	105	14268	0.886
138) 1,4-Diethylbenzene	(3)	10.051	105	13549	0.854
139) n-Butylbenzene	(3)	10.070	92	12492	0.873
140) 1,2-Dichlorobenzene	(3)	10.070	146	13414	0.913

* = Compound is an internal standard.

Quant Report

Target Revision 3.5

Data File: /chem2/HP09355.i/07aug22b.b/yg22m01.d Instrument ID: HP09355.i
Injection date and time: 22-AUG-2007 12:18 Analyst ID: NRR01826

Method used: /chem2/HP09355.i/07aug22b.b/Y8260W.m Sublist used: 8260WICAL
Calibration date and time: 22-AUG-2007 10:03
Date, time and analyst ID of latest file update: 22-Aug-2007 12:48 nrr01826

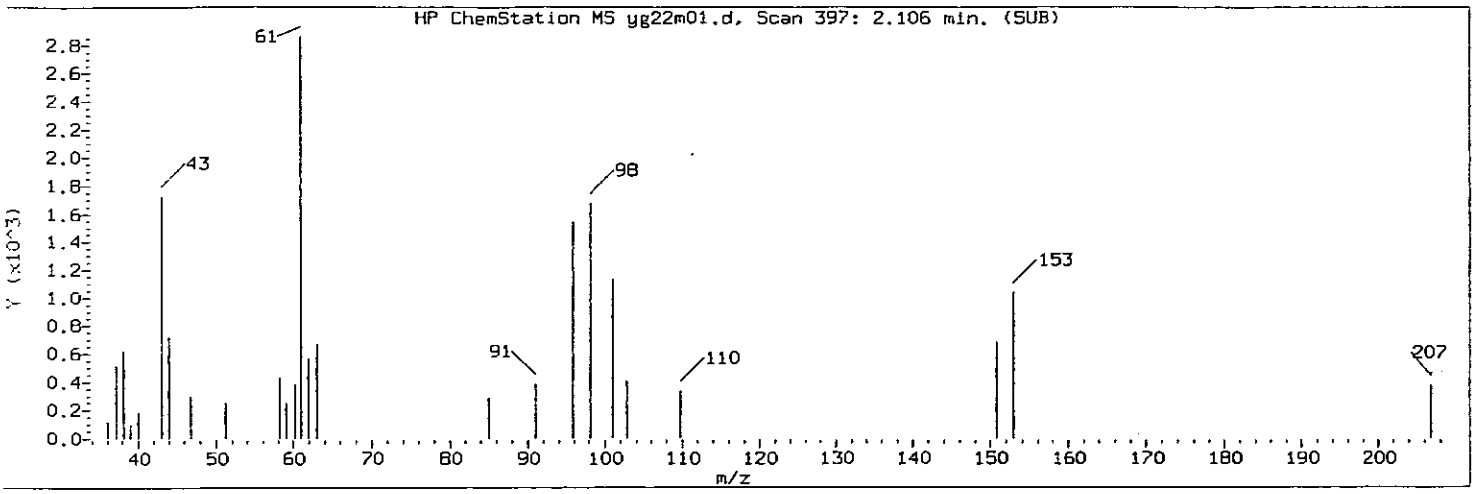
Sample Name: 1 PPB MDL Lab Sample ID: 1 PPB MDL

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
141) 1,2-Diethylbenzene	(3)	10.131	105	13545	0.870
143) 1,2-Dibromo-3-Chloropropane	(3)	10.606	75	2060	1.025
145) 1,2,4-Trichlorobenzene	(3)	11.164	180	12055	1.057
146) Hexachlorobutadiene	(3)	11.274	225	6357	1.280
147) Naphthalene	(3)	11.322	128	29970	0.949
148) 1,2,3-Trichlorobenzene	(3)	11.476	180	11317	1.039
150) 2-Methylnaphthalene	(3)	12.044	142	12758	1.941
48) $Dibromofluoromethane	(1)	4.073	113	4997	0.950
57) $1,2-Dichloroethane-d4	(1)	4.378	102	1072	0.738
87) $Toluene-d8	(2)	6.370	98	17276	0.846
115) $4-Bromofluorobenzene	(2)	8.905	95	7238M	0.921

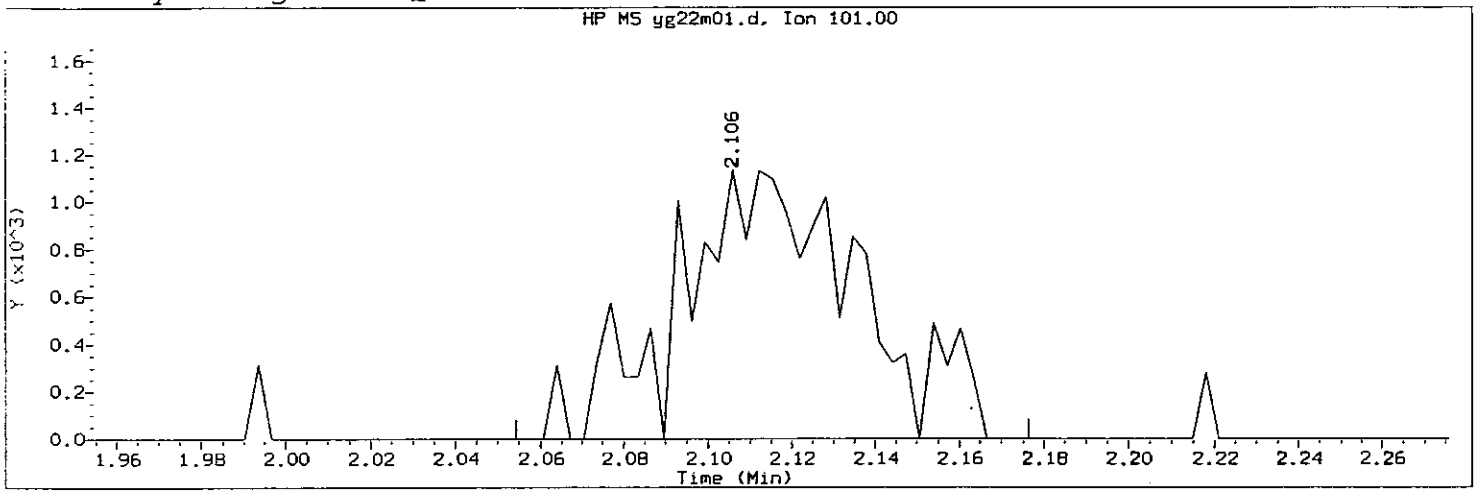
M = Compound was manually integrated.

$ = Compound is a surrogate standard.

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



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Injection date and time: 22-AUG-2007 12:18 Analyst ID: NRR01826

Method used: /chem2/HP09355.i/07aug22b.b/Y8260W.m Sublist used: 8260WICAL
Calibration date and time: 22-AUG-2007 12:20
Date, time and analyst ID of latest file update: 22-Aug-2007 12:48 nrr01826

Sample Name: 1 PPB MDL Lab Sample ID: 1 PPB MDL

Compound Number : 15
Compound Name : Freon 113
Scan Number : 397
Retention Time (minutes): 2.106
Quant Ion : 101
Area (flag) : 3430 M
Concentration (ug/L) : 0.7473
Integration start scan : 380 Integration stop scan: 418
Y at integration start : 0 Y at integration end: 0

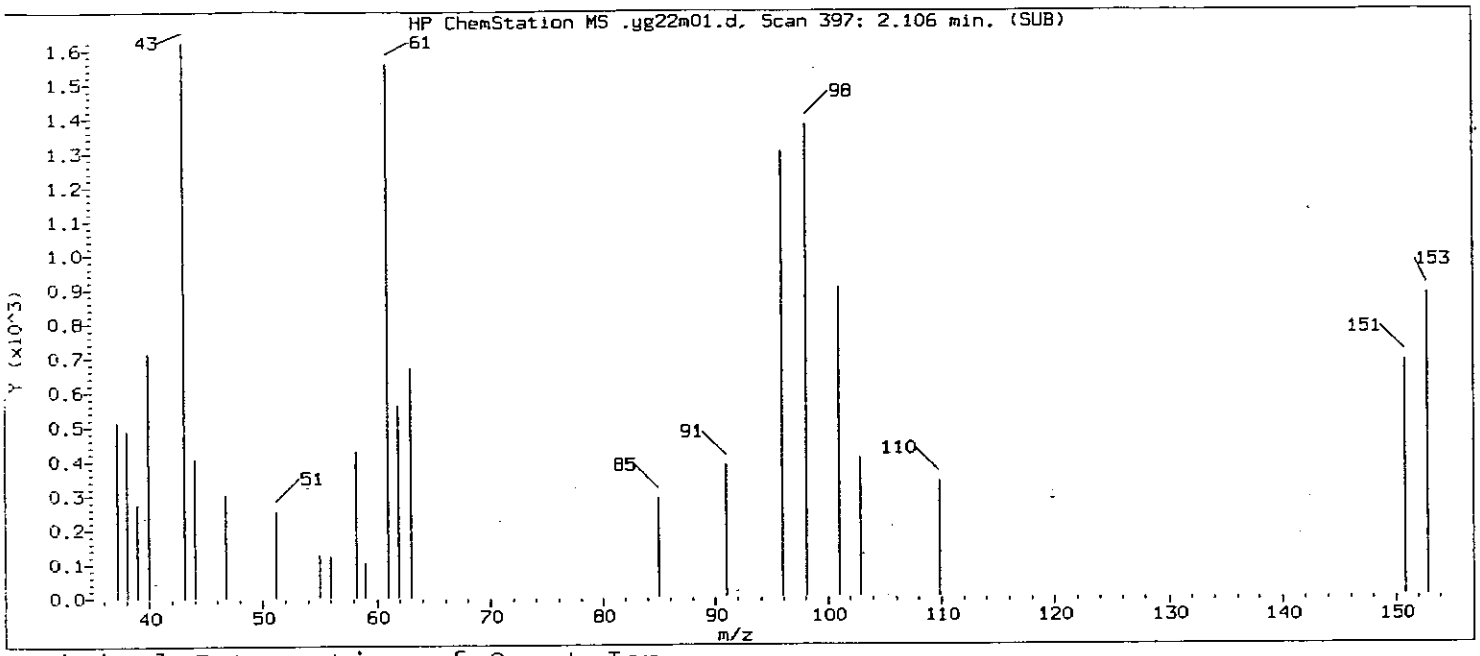
Reason for manual integration (circle one): missed peak improper integration

Analyst responsible for change: NRR 1826 8/22/07
8237

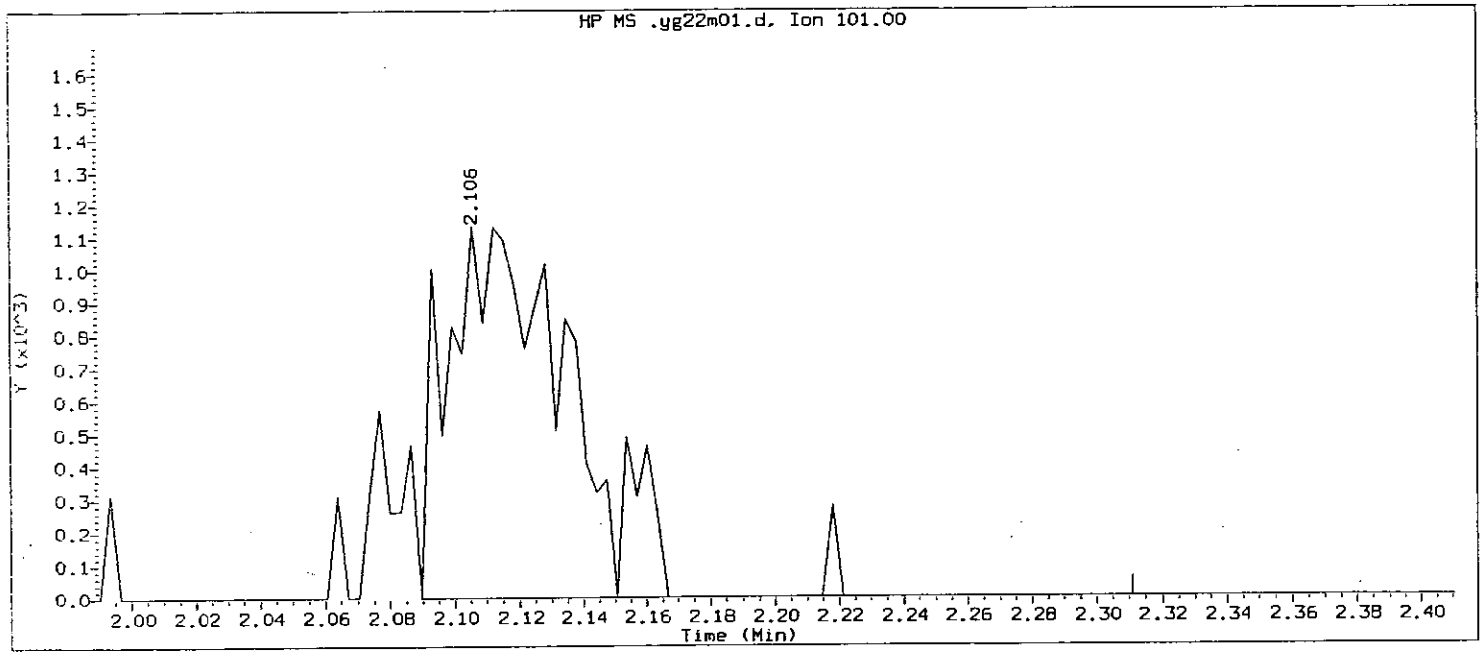
GC/MS audit/management approval: [signature] 8/23/07

Manual Integration Report for data file /chem2/HP09355.i/07aug22b.b/yg22m01.d, generated on 08/22/2007 at 12:48

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem2/HP09355.i/07aug22b.b/yg22m01.d Instrument ID: HP09355.i
Injection date and time: 22-AUG-2007 12:18 Analyst ID: NRR01826

Method used: /chem2/HP09355.i/07aug22b.b/Y8260W.m Sublist used: 8260WICAL
Calibration date and time: 22-AUG-2007 12:20
Date, time and analyst ID of latest file update: 22-Aug-2007 12:34 Automation

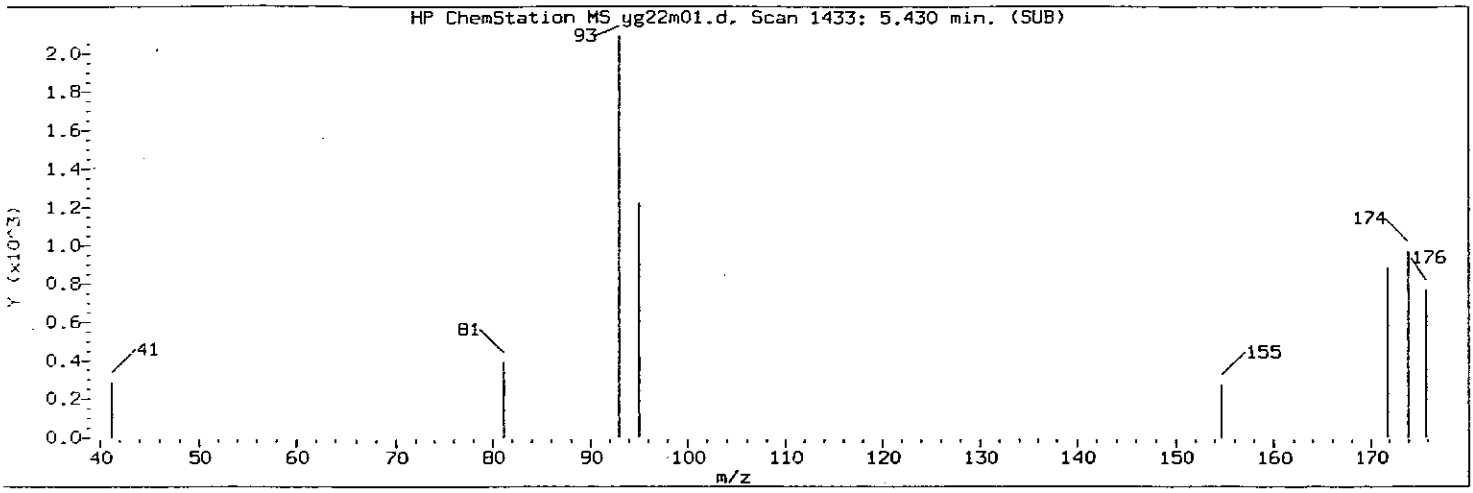
Sample Name: 1 PPB MDL Lab Sample ID: 1 PPB MDL

Compound Number	: 15
Compound Name	: Freon 113
Scan Number	: 397
Retention Time (minutes)	: 2.106
Quant Ion	: 101
Area	: 3061
Concentration (ug/L)	: 0.6670
Integration start scan	: 391 Integration stop scan: 460
Y at integration start	: 0 Y at integration end: 0

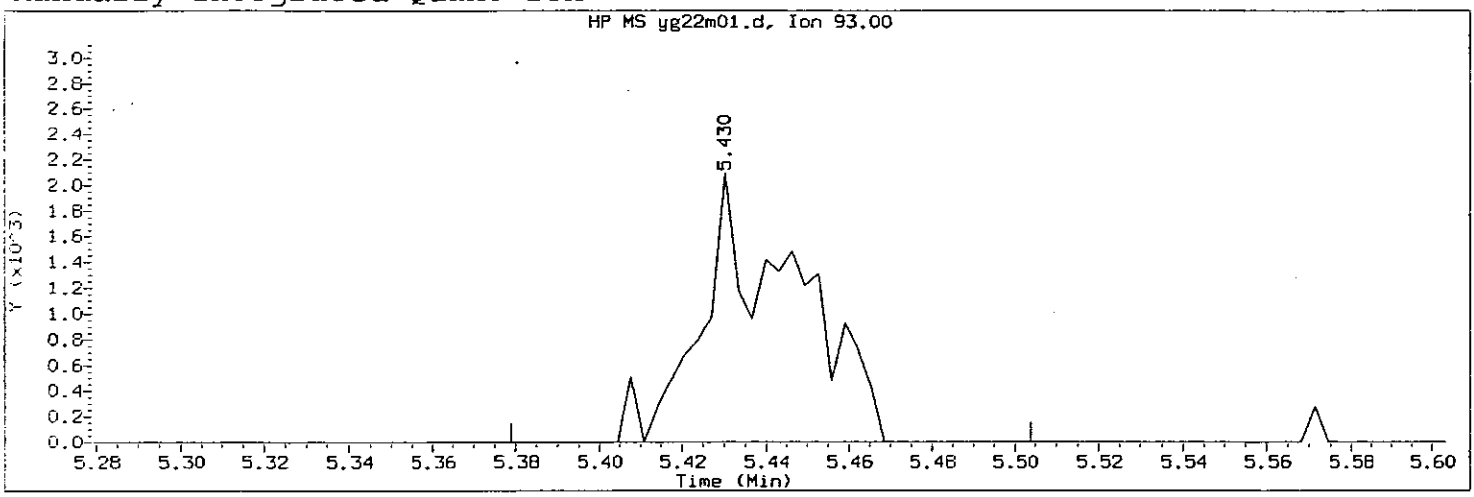
8238

Original Integration Report for data file /chem2/HP09355.i/07aug22b.b/yg22m01.d, generated on 08/22/2007 at 12:48

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem2/HP09355.i/07aug22b.b/yg22m01.d Instrument ID: HP09355.i
Injection date and time: 22-AUG-2007 12:18 Analyst ID: NRR01826

Method used: /chem2/HP09355.i/07aug22b.b/Y8260W.m Sublist used: 8260WICAL
Calibration date and time: 22-AUG-2007 12:20
Date, time and analyst ID of latest file update: 22-Aug-2007 12:48 nrr01826

Sample Name: 1 PPB MDL Lab Sample ID: 1 PPB MDL

Compound Number : 74
Compound Name : Dibromomethane
Scan Number : 1433
Retention Time (minutes): 5.430
Quant Ion : 93
Area (flag) : 3319 M
Concentration (ug/L) : 0.8703
Integration start scan : 1416 Integration stop scan: 1455
Y at integration start : 0 Y at integration end: 0

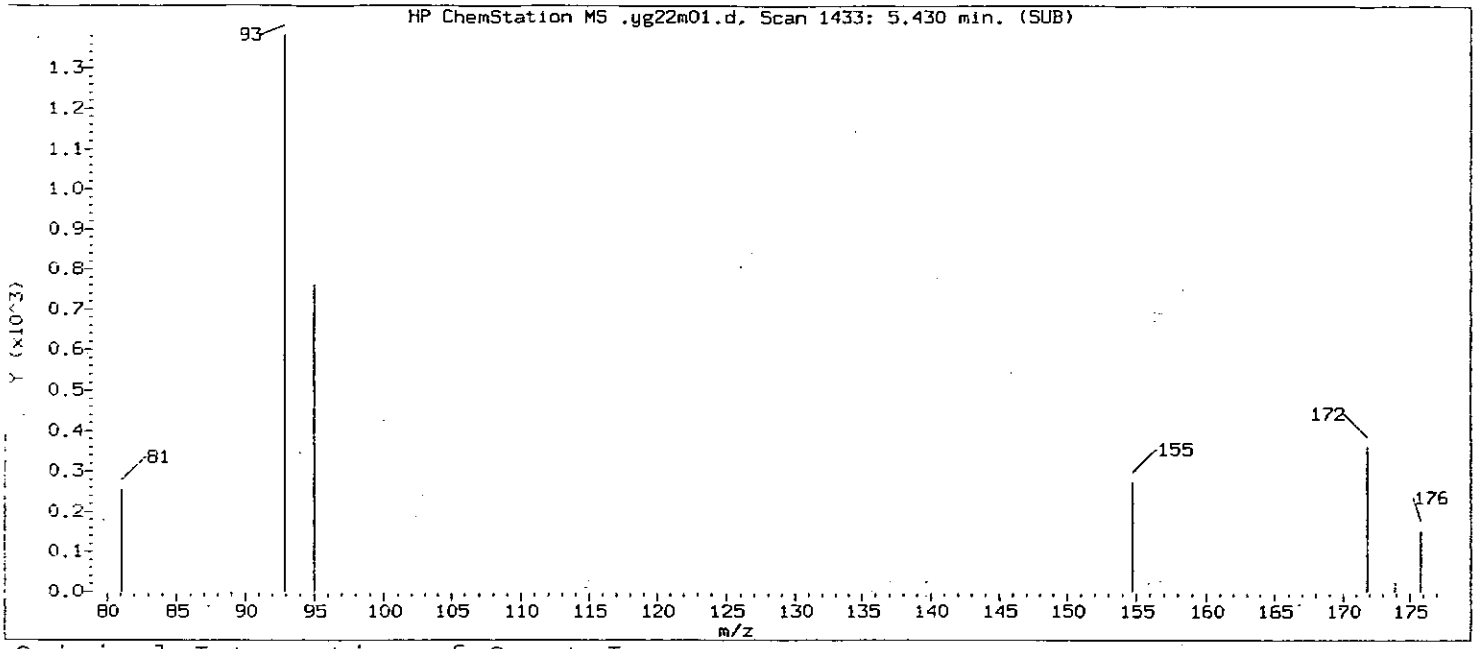
Reason for manual integration (circle one): missed peak improper integration

Analyst responsible for change: NRR 1526 8/22/07
8239

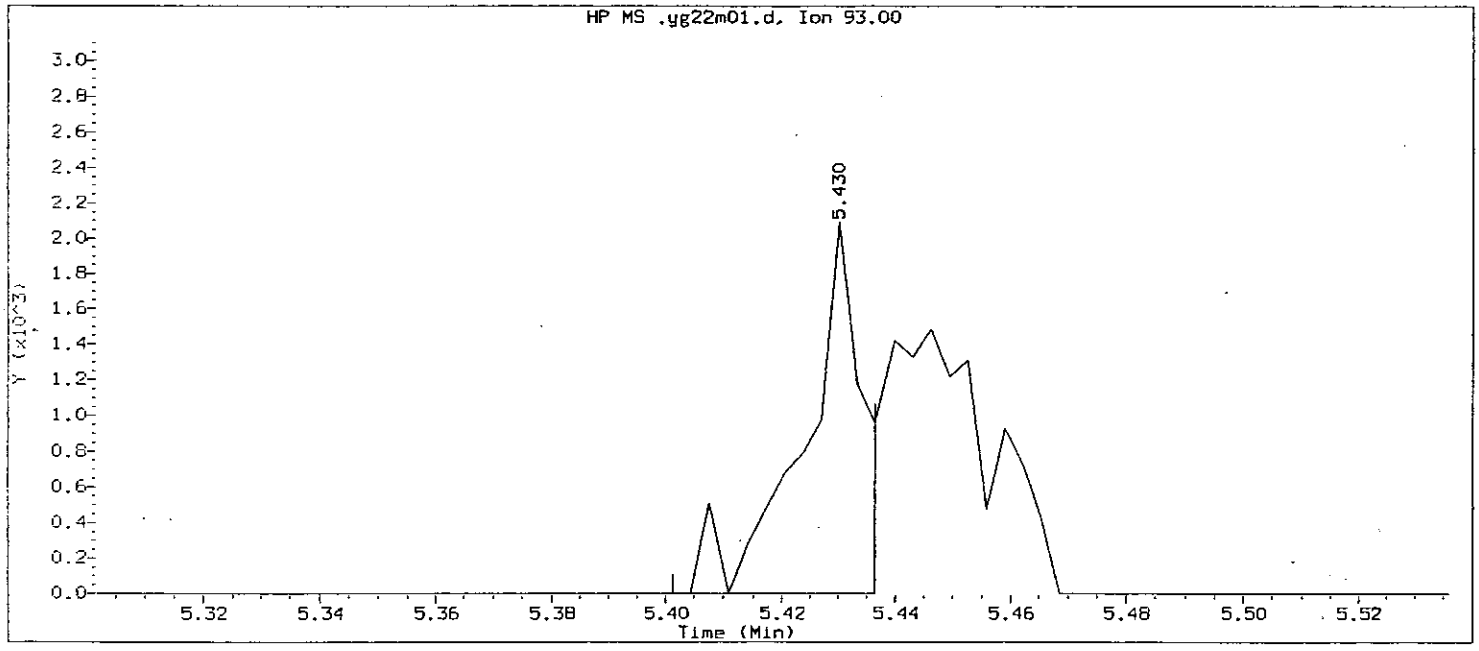
GC/MS audit/management approval: MM 8/23/07

Manual Integration Report for data file /chem2/HP09355.i/07aug22b.b/yg22m01.d, generated on 08/22/2007 at 12:48

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem2/HP09355.i/07aug22b.b/yg22m01.d Instrument ID: HP09355.i
Injection date and time: 22-AUG-2007 12:18 Analyst ID: NRR01826

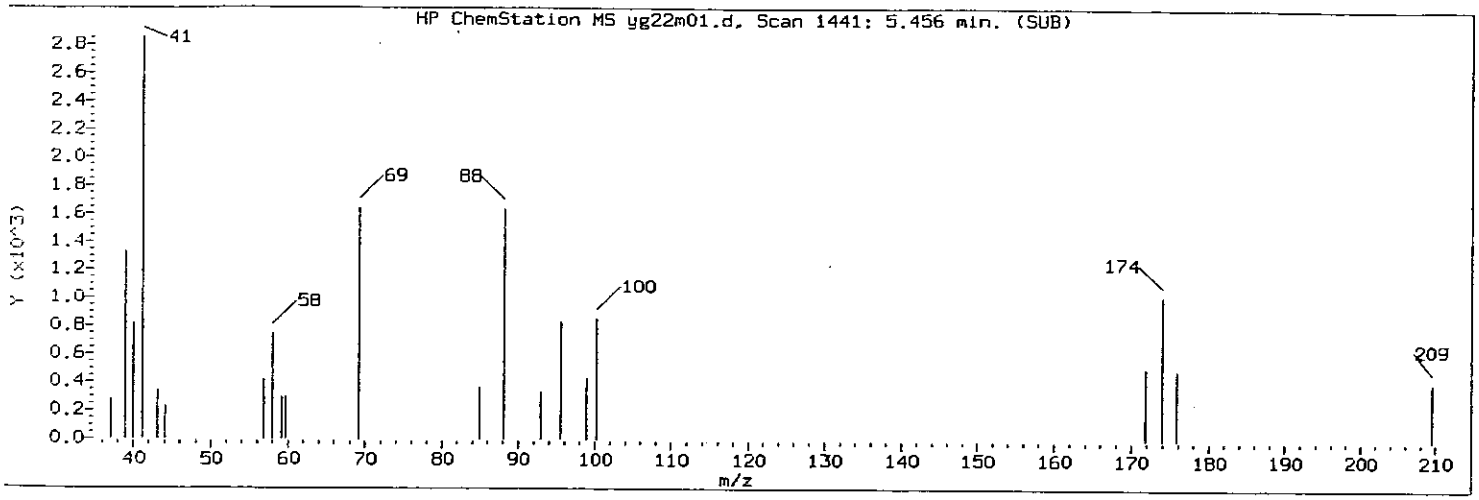
Method used: /chem2/HP09355.i/07aug22b.b/Y8260W.m Sublist used: 8260WICAL
Calibration date and time: 22-AUG-2007 12:20
Date, time and analyst ID of latest file update: 22-Aug-2007 12:34 Automation

Sample Name: 1 PPB MDL Lab Sample ID: 1 PPB MDL

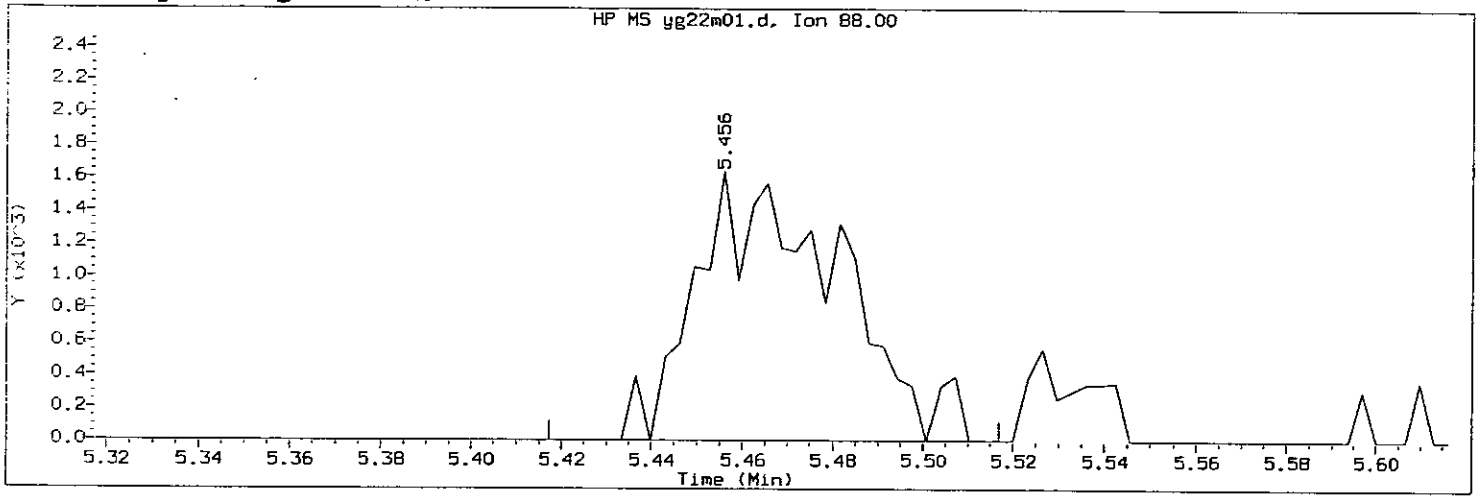
Compound Number : 74
Compound Name : Dibromomethane
Scan Number : 1433
Retention Time (minutes): 5.430
Quant Ion : 93
Area : 1435
Concentration (ug/L) : 0.3764
Integration start scan : 1423 Integration stop scan: 1434
Y at integration start : 0 Y at integration end: 0

Original Integration Report for data file /chem2/HP09355.i/07aug22b.b/yg22m01.d, generated on 08/22/2007 at 12:48

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem2/HP09355.i/07aug22b.b/yg22m01.d Instrument ID: HP09355.i
Injection date and time: 22-AUG-2007 12:18 Analyst ID: NRR01826

Method used: /chem2/HP09355.i/07aug22b.b/Y8260W.m Sublist used: 8260WICAL
Calibration date and time: 22-AUG-2007 12:20
Date, time and analyst ID of latest file update: 22-Aug-2007 12:48 nrr01826

Sample Name: 1 PPB MDL Lab Sample ID: 1 PPB MDL

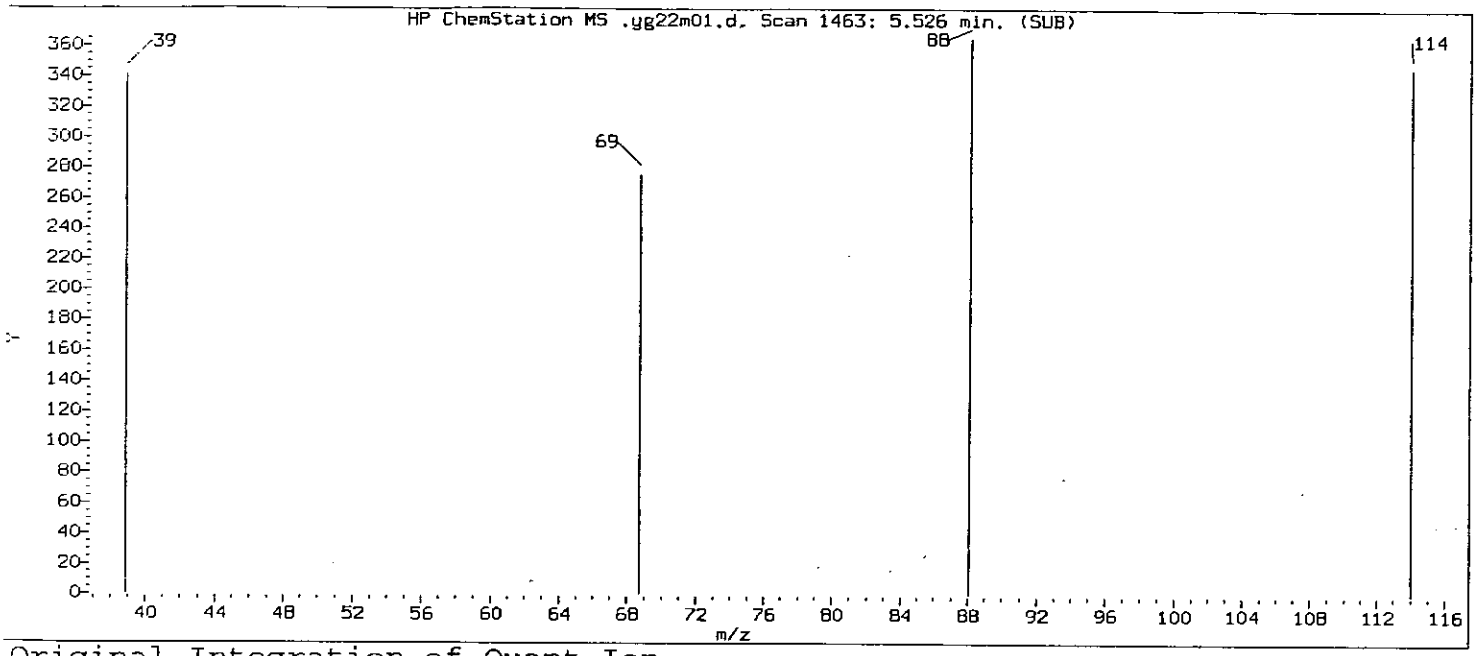
Compound Number : 76
Compound Name : 1,4-Dioxane
Scan Number : 1441
Retention Time (minutes): 5.456
Quant Ion : 88
Area (flag) : 3595 M
Concentration (ug/L) : 38.2982
Integration start scan : 1428 Integration stop scan: 1459
Y at integration start : 0 Y at integration end: 0

Reason for manual integration (circle one): missed peak improper integration

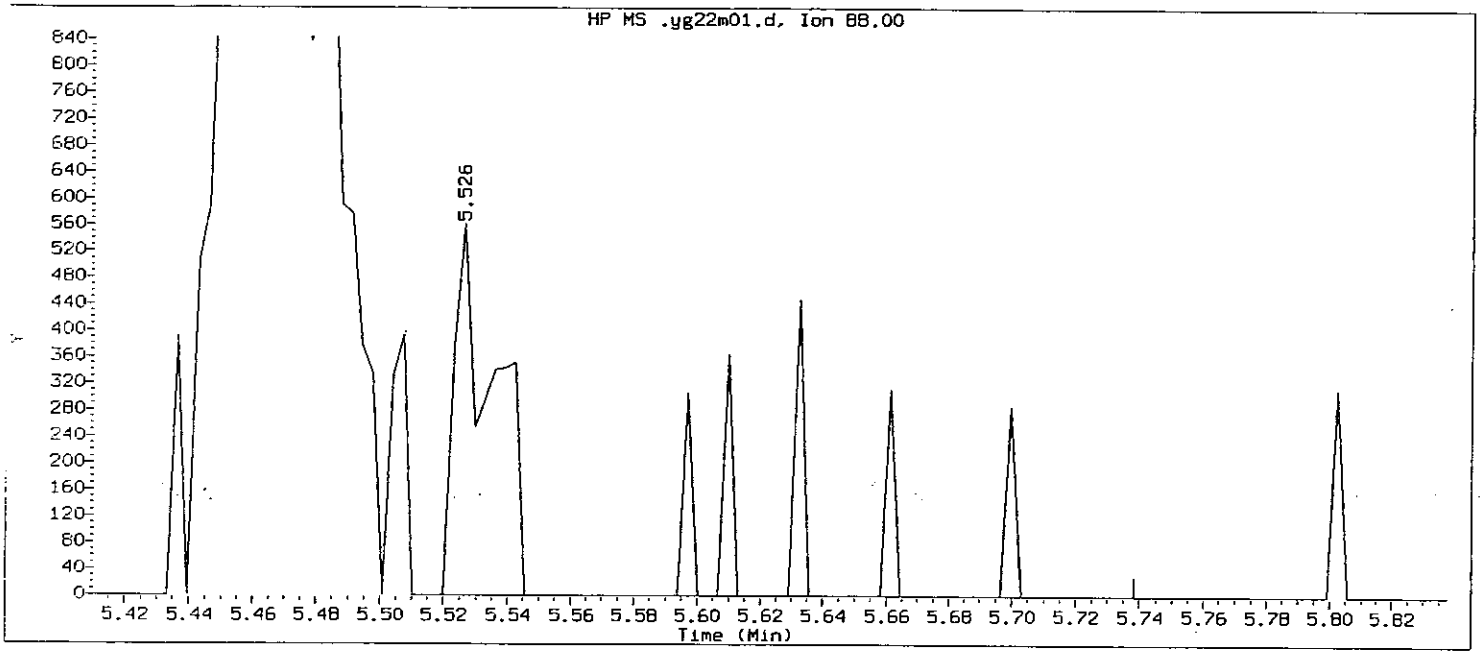
Analyst responsible for change: NR 1826 8/22/07

GC/MS audit/management approval: 8241 8/23/07

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem2/HP09355.i/07aug22b.b/yg22m01.d Instrument ID: HP09355.i
Injection date and time: 22-AUG-2007 12:18 Analyst ID: NRR01826

Method used: /chem2/HP09355.i/07aug22b.b/Y8260W.m Sublist used: 8260WICAL
Calibration date and time: 22-AUG-2007 12:20
Date, time and analyst ID of latest file update: 22-Aug-2007 12:34 Automation

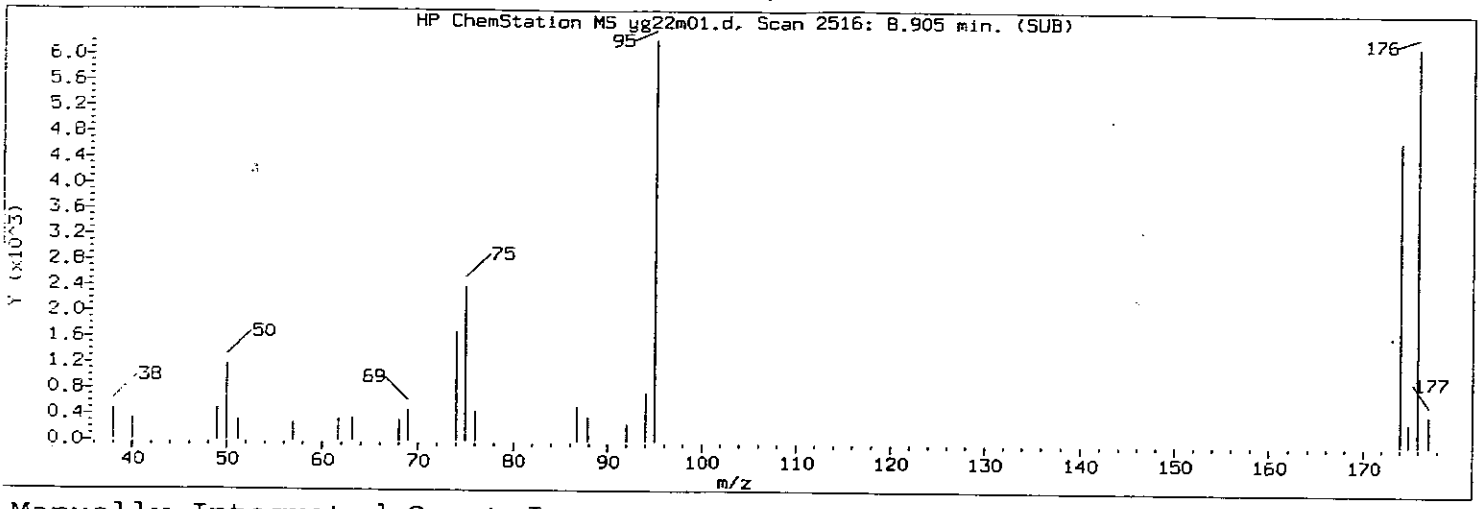
Sample Name: 1 PPB MDL Lab Sample ID: 1 PPB MDL

Compound Number : 76
Compound Name : 1,4-Dioxane
Scan Number : 1463
Retention Time (minutes): 5.526
Quant Ion : 88
Area : 817
Concentration (ug/L) : 8.7060
Integration start scan : 1457 Integration stop scan: 1528
Y at integration start : 0 Y at integration end: 0

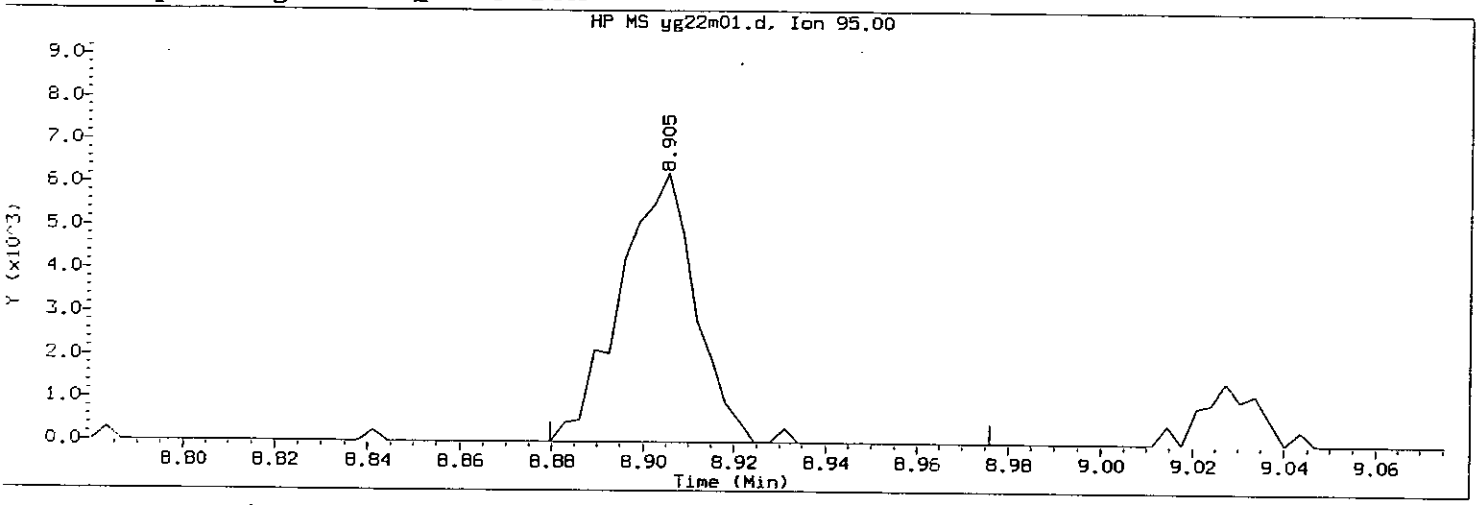
8242

Original Integration Report for data file /chem2/HP09355.i/07aug22b.b/yg22m01.d, generated on 08/22/2007 at 12:48

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem2/HP09355.i/07aug22b.b/yg22m01.d Instrument ID: HP09355.i
Injection date and time: 22-AUG-2007 12:18 Analyst ID: NRR01826

Method used: /chem2/HP09355.i/07aug22b.b/Y8260W.m Sublist used: 8260WICAL
Calibration date and time: 22-AUG-2007 12:20
Date, time and analyst ID of latest file update: 22-Aug-2007 12:48 nrr01826

Sample Name: 1 PPB MDL Lab Sample ID: 1 PPB MDL

Compound Number	: 115
Compound Name	: 4-Bromofluorobenzene
Scan Number	: 2516
Retention Time (minutes)	: 8.905
Quant Ion	: 95
Area (flag)	: 7238 M
Concentration (ug/L)	: 0.9214
Integration start scan	: 2507 Integration stop scan: 2537
Y at integration start	: 0 Y at integration end: 0

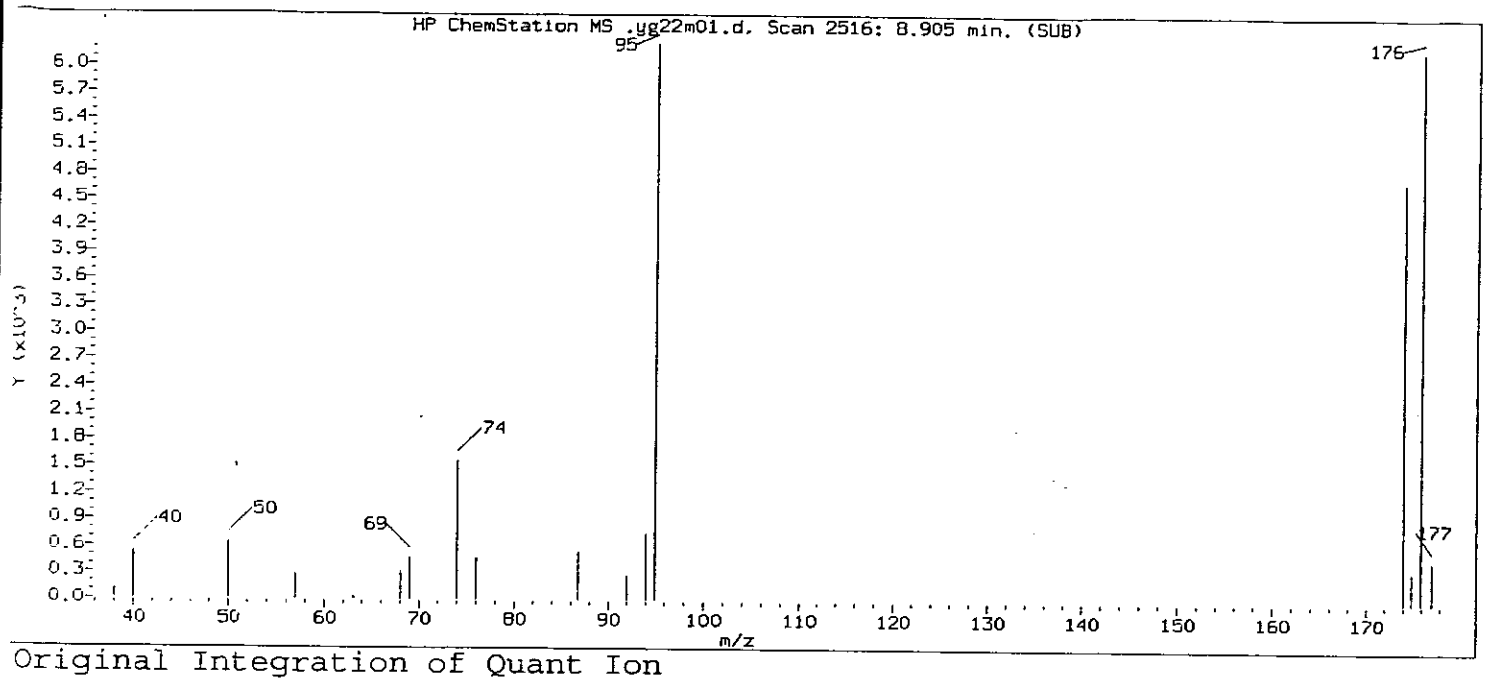
Reason for manual integration (circle one): missed peak improper integration

Analyst responsible for change: NRR 15C0 8/22/07

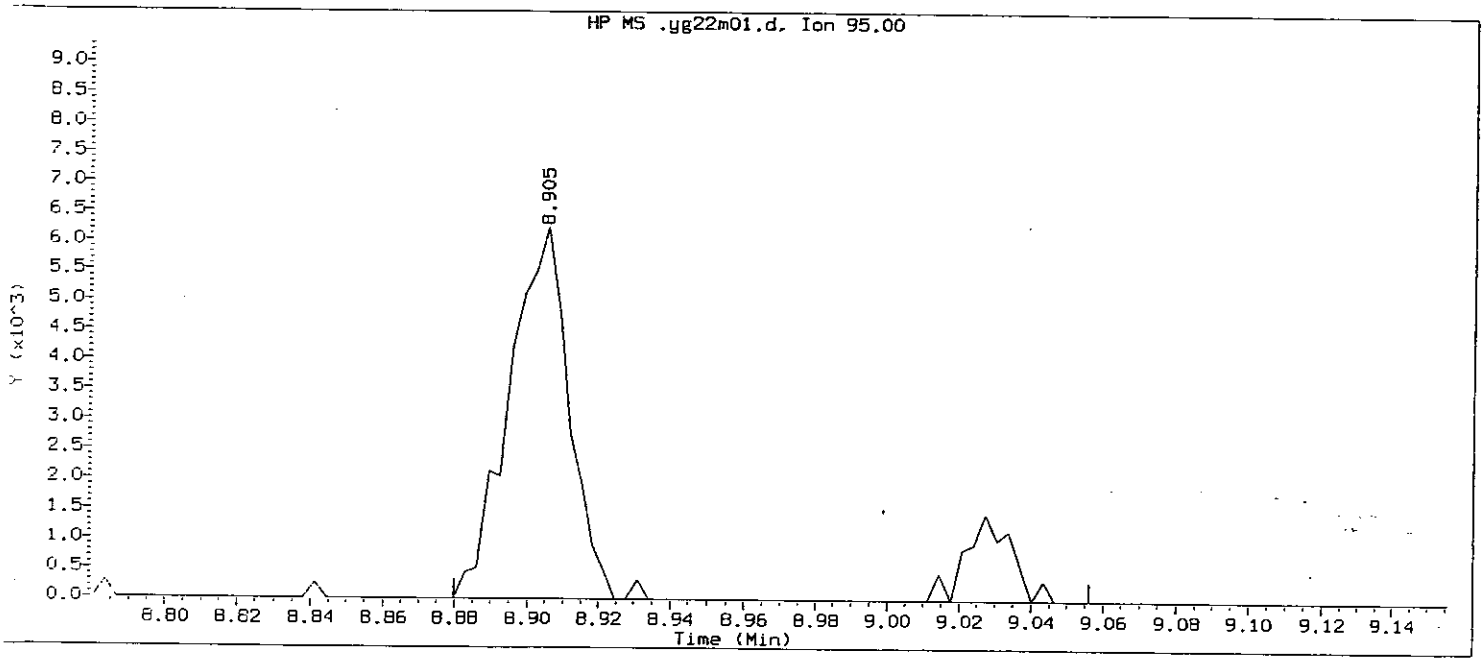
GC/MS audit/management approval: 8243 NRR/321, 8/22/07

Manual Integration Report for data file /chem2/HP09355.i/07aug22b.b/yg22m01.d, generated on 08/22/2007 at 12:48

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem2/HP09355.i/07aug22b.b/yg22m01.d Instrument ID: HP09355.i
Injection date and time: 22-AUG-2007 12:18 Analyst ID: NRR01826

Method used: /chem2/HP09355.i/07aug22b.b/Y8260W.m Sublist used: 8260WICAL
Calibration date and time: 22-AUG-2007 12:20
Date, time and analyst ID of latest file update: 22-Aug-2007 12:34 Automation

Sample Name: 1 PPB MDL Lab Sample ID: 1 PPB MDL

Compound Number	:	115
Compound Name	:	4-Bromofluorobenzene
Scan Number	:	2516
Retention Time (minutes)	:	8.905
Quant Ion	:	95
Area	:	8542
Concentration (ug/L)	:	1.0874
Integration start scan	:	2507 Integration stop scan: 2562
Y at integration start	:	0 Y at integration end: 0

8244

Original Integration Report for data file /chem2/HP09355.i/07aug22b.b/yg22m01.d, generated on 08/22/2007 at 12:48

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Instrument ID: HP09355 Calibration Date: 08/28/07 Time: 09:44

Lab File ID: yg28c04.d Init. Calib. Date(s): 08/22/07 08/22/07

Matrix: (soil/water) WATER Level: (low/med) LOW GC Column: DB-624 ID: .18

	COMPOUND	RRF	RRF20	ACTUAL CONC.	TRUE CONC.	% DRIFT	
	Dichlorodifluoromethane	0.3521	0.3325	18.89	20	-6	
#	Chloromethane	0.4638	0.4262	18.38	20	-8	#
*	Vinyl Chloride	0.4302	0.3915	18.20	20	-9	*
	Bromomethane	0.2533	0.2332	18.41	20	-8	
	Chloroethane	0.2441	0.2271	18.61	20	-7	
	Trichlorofluoromethane	0.4388	0.4457	20.32	20	2	
	Ethyl Ether	0.2810	0.2332	16.60	20	-17	
	Acrolein	2.1816	1.7570	161.08	200	-19	
*	1,1-Dichloroethene	0.2150	0.2140	19.91	20	0	*
	Freon 113	0.2107	0.1986	18.86	20	-6	
	Acetone	0.1334	0.1398	41.91	40	5	
	Methyl Iodide	0.4251	0.4090	19.24	20	-4	
	2-Propanol	0.8047	0.8132	202.11	200	1	
	Carbon Disulfide	0.7714	0.7632	19.79	20	-1	
	Allyl Chloride	0.4628	0.4437	19.17	20	-4	
	Methyl Acetate	0.3267	0.3087	18.90	20	-6	
	Methylene Chloride	0.2822	0.2766	19.60	20	-2	
	t-Butyl Alcohol	1.1383	1.1626	204.27	200	2	
	Acrylonitrile	0.1714	0.1699	19.82	20	-1	
	trans-1,2-Dichloroethene	0.2467	0.2576	20.88	20	4	
	Methyl Tertiary Butyl Ether	0.8874	0.9239	20.82	20	4	
	n-Hexane	0.3332	0.3199	19.20	20	-4	
	1,2-Dichloroethene (total)	0.2612	0.2707	41.47	40	4	
#	1,1-Dichloroethane	0.4715	0.5011	21.26	20	6	#
	di-Isopropyl Ether	0.9892	1.0211	20.64	20	3	
	2-Chloro-1,3-Butadiene	0.3685	0.4006	21.74	20	9	
	Ethyl t-Butyl Ether	0.8817	0.9348	21.20	20	6	
	cis-1,2-Dichloroethene	0.2757	0.2838	20.59	20	3	
	2-Butanone	0.2168	0.2337	43.11	40	8	
	2,2-Dichloropropane	0.3783	0.4229	22.36	20	12	
	Propionitrile	1.4722	1.6010	217.49	200	9	
	Methacrylonitrile	0.1603	0.1729	107.90	100	8	
	Bromochloromethane	0.1409	0.1432	20.33	20	2	
	Tetrahydrofuran	1.2594	1.2953	41.14	40	3	
*	Chloroform	0.4326	0.4845	22.40	20	12	*
	1,1,1-Trichloroethane	0.3681	0.4129	22.43	20	12	

8245

Minimum RRF for SPCC(#)=0.10 (0.30 for Chlorobenzene, 1,1,2,2-Tetrachloroethane)
Maximum %Drift for CCC(*)=20%

7A

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Instrument ID: HP09355 Calibration Date: 08/28/07 Time: 09:44

Lab File ID: yg28c04.d Init. Calib. Date(s): 08/22/07 08/22/07

Matrix: (soil/water) WATER Level: (low/med) LOW GC Column: DB-624 ID: .18

	COMPOUND	RRF	RRF20	ACTUAL CONC.	TRUE CONC.	% DRIFT	
	Cyclohexane	0.4274	0.4624	21.64	20	8	
	Cyclohexane (mz 84)	0.3459	0.3543	20.48	20	2	
	Cyclohexane (mz 69)	0.1209	0.1301	21.53	20	8	
	1,1-Dichloropropene	0.3546	0.3734	21.06	20	5	
	Carbon Tetrachloride	0.3178	0.3693	23.24	20	16	
	Isobutyl Alcohol	0.3911	0.4393	561.63	500	12	
	Benzene	1.0732	1.1221	20.91	20	5	
	1,2-Dichloroethane	0.3618	0.4208	23.26	20	16	
	1,2-Dichloroethane (mz 98)	0.0343	0.0365	21.28	20	6	
	t-Amyl Methyl Ether	0.8479	0.8861	20.90	20	5	
	n-Heptane	0.3719	0.3740	20.12	20	1	
	n-Butanol	0.3297	0.3377	1024.19	1000	2	
	Trichloroethene	0.2555	0.2781	21.77	20	9	
*	1,2-Dichloropropane	0.2925	0.3084	21.09	20	5	*
	Methylcyclohexane (mz98)	0.1835	0.1814	19.77	20	-1	
	Methylcyclohexane	0.3947	0.3857	19.54	20	-2	
	Methyl Methacrylate	0.2544	0.2693	21.16	20	6	
	Dibromomethane	0.1751	0.1853	21.17	20	6	
	1,4-Dioxane	0.0980	0.1110	566.46	500	13	
	Bromodichloromethane	0.3266	0.3621	22.17	20	11	
	2-Nitropropane	0.0996	0.1147	46.06	40	15	
	2-Chloroethyl Vinyl Ether	0.2223	0.2312	20.80	20	4	
	cis-1,3-Dichloropropene	0.4497	0.4763	21.19	20	6	
	4-Methyl-2-Pentanone	0.4555	0.4794	42.10	40	5	
*	Toluene	0.8863	0.9462	21.35	20	7	*
	trans-1,3-Dichloropropene	0.5609	0.6189	22.07	20	10	
	Ethyl Methacrylate	0.5860	0.6030	20.58	20	3	
	1,1,2-Trichloroethane	0.3423	0.3634	21.23	20	6	
	Tetrachloroethene	0.3999	0.4031	20.16	20	1	
	1,3-Dichloropropane	0.6101	0.6436	21.10	20	5	
	2-Hexanone	0.4331	0.4605	42.53	40	6	
	Dibromochloromethane	0.3671	0.4066	22.15	20	11	
	1,2-Dibromoethane	0.3678	0.3951	21.49	20	7	
#	Chlorobenzene	1.0275	1.0914	21.24	20	6	#
	1,1,1,2-Tetrachloroethane	0.3641	0.3897	21.41	20	7	
*	Ethylbenzene	1.7408	1.8280	21.00	20	5	*

6246

Minimum RRF for SPCC(#)=0.10 (0.30 for Chlorobenzene, 1,1,2,2-Tetrachloroethane)
Maximum %Drift for CCC(*)=20%

7A

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Instrument ID: HP09355 Calibration Date: 08/28/07 Time: 09:44

Lab File ID: yg28c04.d Init. Calib. Date(s): 08/22/07 08/22/07

Matrix: (soil/water) WATER Level: (low/med) LOW GC Column: DB-624 ID: .18

	COMPOUND	RRF	RRF20	ACTUAL CONC.	TRUE CONC.	% DRIFT	
	m+p-Xylene	0.6916	0.7275	42.08	40	5	
	Xylene (Total)	0.6896	0.7179	62.46	60	4	
	o-Xylene	0.6856	0.6986	20.38	20	2	
	Styrene	1.1474	1.1709	20.41	20	2	
#	Bromoform	0.3204	0.3406	21.26	20	6	#
	Isopropylbenzene	1.7484	1.8659	21.34	20	7	
	Cyclohexanone	0.4007	0.4203	524.48	500	5	
#	1,1,2,2-Tetrachloroethane	0.9651	1.0284	21.31	20	7	#
	trans-1,4-Dichloro-2-Butene	0.3002	0.3425	114.09	100	14	
	Bromobenzene	0.7799	0.7922	20.31	20	2	
	1,2,3-Trichloropropane	0.2728	0.3085	22.62	20	13	
	n-Propylbenzene	3.4929	3.6720	21.03	20	5	
	2-Chlorotoluene	0.7325	0.7328	20.01	20	0	
	1,3,5-Trimethylbenzene	2.5367	2.6140	20.61	20	3	
	4-Chlorotoluene	0.7611	0.7664	20.14	20	1	
	tert-Butylbenzene	0.5990	0.5942	19.84	20	-1	
	Pentachloroethane	0.5237	0.5280	20.16	20	1	
	1,2,4-Trimethylbenzene	2.5921	2.7229	21.01	20	5	
	sec-Butylbenzene	3.2448	3.3442	20.61	20	3	
	p-Isopropyltoluene	2.8705	2.9528	20.57	20	3	
	1,3-Dichlorobenzene	1.5157	1.5392	20.31	20	2	
	1,4-Dichlorobenzene	1.5903	1.6170	20.34	20	2	
	1,2,3-Trimethylbenzene	2.6535	2.7574	20.78	20	4	
	Benzyl Chloride	2.1058	2.2061	20.95	20	5	
	1,3-Diethylbenzene	1.6675	1.7438	20.91	20	5	
	1,4-Diethylbenzene	1.6437	1.6800	20.44	20	2	
	n-Butylbenzene	1.4819	1.5281	20.62	20	3	
	1,2-Dichlorobenzene	1.5219	1.5604	20.51	20	3	
	1,2-Diethylbenzene	1.6127	1.6813	20.85	20	4	
	1,2-Dibromo-3-Chloropropane	0.2082	0.2261	21.72	20	9	
	1,2,4-Trichlorobenzene	1.1810	1.1572	19.60	20	-2	
	Hexachlorobutadiene	0.5144	0.5054	19.65	20	-2	
	Naphthalene	3.2692	3.3179	20.30	20	1	
	1,2,3-Trichlorobenzene	1.1284	1.1225	19.90	20	-1	
	2-Methylnaphthalene	1.5392	1.4500	17.91	20	-10	
	Dibromofluoromethane	0.2413	0.2393	49.58	50	-1	

6247

Minimum RRF for SPCC(#)=0.10 (0.30 for Chlorobenzene, 1,1,2,2-Tetrachloroethane)
Maximum %Drift for CCC(*)=20%

7A

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Instrument ID: HP09355 Calibration Date: 08/28/07 Time: 09:44

Lab File ID: yg28c04.d Init. Calib. Date(s): 08/22/07 08/22/07

Matrix: (soil/water) WATER Level: (low/med) LOW GC Column: DB-624 ID: .18

COMPOUND	RRF	RRF20	ACTUAL CONC.	TRUE CONC.	% DRIFT
1,2-Dichloroethane-d4	0.0667	0.0637	47.74	50	-5
Dibromofluoromethane(mz111)	0.2465	0.2476	50.23	50	0
1,2-Dichloroethane-d4(mz104)	0.0393	0.0394	50.12	50	0
Toluene-d8(mz100)	0.8144	0.8638	53.03	50	6
4-Bromofluorobenzene(mz174)	0.4485	0.4475	49.89	50	0
Toluene-d8	1.2539	1.3335	53.18	50	6
4-Bromofluorobenzene	0.4821	0.5062	52.50	50	5

Average %Drift 5

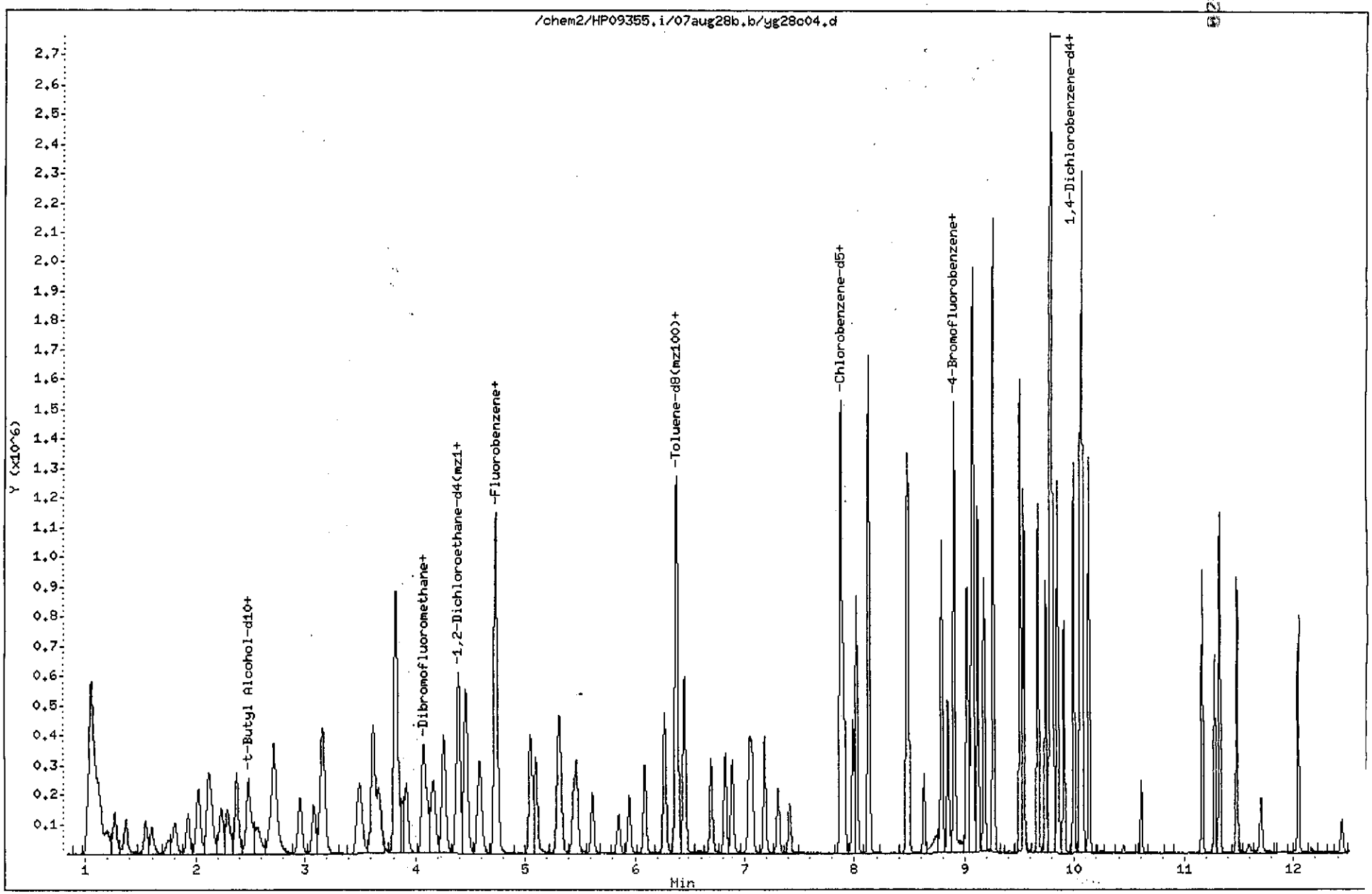
6248

Minimum RRF for SPCC(#)=0.10 (0.30 for Chlorobenzene, 1,1,2,2-Tetrachloroethane)
Maximum %Drift for CCC(*)=20%

Data File: /chem2/HP09355.i/07aug28b.b/yg28c04.d
Date : 28-AUG-2007 09:44
Client ID: VSTD020
Sample Info: VSTD020;VSTD020;1;2;;;;
Purge Volume: 5.0
Column phase: DB-624

NRR 1826 8/28/07

Instrument: HP09355.i
Operator: NRR01826
Column diameter: 0.18



Quant Report

Target Revision 3.5

Data File: /chem2/HP09355.i/07aug28b.b/yg28c04.d Instrument ID: HP09355.i
Injection date and time: 28-AUG-2007 09:44 Analyst ID: NRR01826

Method used: /chem2/HP09355.i/07aug28b.b/Y8260W.m Sublist used: 8260WIICAL-2
Calibration date and time: 20-JUL-2007 09:25
Date, time and analyst ID of latest file update: 28-Aug-2007 11:23 nrr01826

Sample Name: VSTD020 Lab Sample ID: VSTD020

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
1) Dichlorodifluoromethane	(1)	1.191	85	124131	18.885
2) Chloromethane	(1)	1.265	50	159086	18.378
4) Vinyl Chloride	(1)	1.371	62	146132	18.201
5) Bromomethane	(1)	1.538	94	87052	18.410
6) Chloroethane	(1)	1.595	64	84776	18.608
8) Trichlorofluoromethane	(1)	1.807	101	166394	20.318
10) Ethyl Ether	(1)	1.926	59	87052	16.596
11) Acrolein	(4)	2.025	56	277942	161.076
13) 1,1-Dichloroethene	(1)	2.112	96	79895	19.906
15) Freon 113	(1)	2.141	101	74148	18.858
14) Acetone	(1)	2.125	43	104366	41.908
16) Methyl Iodide	(1)	2.231	142	152683	19.244
17) 2-Propanol	(4)	2.221	45	128632	202.112
18) Carbon Disulfide	(1)	2.295	76	284902	19.786
20) Allyl Chloride	(1)	2.378	41	165630	19.174
21) Methyl Acetate	(1)	2.378	43	115234	18.897
22) Methylene Chloride	(1)	2.484	84	103248	19.603
23)*t-Butyl Alcohol-d10	(4)	2.497	65	197736	250.000
24) t-Butyl Alcohol	(4)	2.574	59	183910M	204.272
25) Acrylonitrile	(1)	2.674	53	63410	19.819
26) trans-1,2-Dichloroethene	(1)	2.715	96	96157	20.882
27) Methyl Tertiary Butyl Ether	(1)	2.725	73	344880	20.822
29) n-Hexane	(1)	2.956	57	119418	19.201
40) 1,2-Dichloroethene (total)	(1)		96	202094	41.470
30) 1,1-Dichloroethane	(1)	3.078	63	187070	21.256
32) di-Isopropyl Ether	(1)	3.161	45	381167	20.645
33) 2-Chloro-1,3-Butadiene	(1)	3.168	53	149537	21.742
36) Ethyl t-Butyl Ether	(1)	3.495	59	348947	21.203
37) cis-1,2-Dichloroethene	(1)	3.614	96	105937	20.588
38) 2-Butanone	(1)	3.623	43	174485	43.111
39) 2,2-Dichloropropane	(1)	3.623	77	157859	22.356
41) Propionitrile	(4)	3.671	54	253260	217.489
43) Methacrylonitrile	(1)	3.822	67	322765	107.905
44) Bromochloromethane	(1)	3.838	128	53472	20.325

M = Compound was manually integrated.

* = Compound is an internal standard.

8250

Quant Report

Target Revision 3.5

Data File: /chem2/HP09355.i/07aug28b.b/yg28c04.d Instrument ID: HP09355.i
Injection date and time: 28-AUG-2007 09:44 Analyst ID: NRR01826

Method used: /chem2/HP09355.i/07aug28b.b/Y8260W.m Sublist used: 8260WIICAL-2
Calibration date and time: 20-JUL-2007 09:25
Date, time and analyst ID of latest file update: 28-Aug-2007 11:23 nrr01826

Sample Name: VSTD020 Lab Sample ID: VSTD020

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
45) Tetrahydrofuran	(4)	3.880	71	40980	41.139
46) Chloroform	(1)	3.919	83	180846	22.398
50) 1,1,1-Trichloroethane	(1)	4.098	97	154121	22.435
51) Cyclohexane	(1)	4.166	56	172623	21.640
52) Cyclohexane (mz 84)	(1)	4.162	84	132244M	20.482
53) Cyclohexane (mz 69)	(1)	4.153	69	48573	21.532
54) 1,1-Dichloropropene	(1)	4.252	75	139396	21.062
55) Carbon Tetrachloride	(1)	4.262	117	137860	23.240
56) Isobutyl Alcohol	(4)	4.381	41	173738	561.629
59) Benzene	(1)	4.454	78	418884	20.912
61) 1,2-Dichloroethane	(1)	4.467	62	157088	23.265
60) 1,2-Dichloroethane (mz 98)	(1)	4.467	98	13639	21.284
64) t-Amyl Methyl Ether	(1)	4.583	73	330789	20.903
67) n-Heptane	(1)	4.737	43	139612	20.115
66)*Fluorobenzene	(1)	4.734	96	933239	50.000
69) n-Butanol	(4)	5.051	56	267093	1024.186
70) Trichloroethene	(1)	5.099	95	103810	21.772
73) 1,2-Dichloropropane	(1)	5.321	63	115135	21.086
71) Methylcyclohexane (mz98)	(1)	5.305	98	67715	19.769
72) Methylcyclohexane	(1)	5.302	83	143993	19.543
75) Methyl Methacrylate	(1)	5.465	69	100515	21.165
74) Dibromomethane	(1)	5.440	93	69167	21.167
76) 1,4-Dioxane	(4)	5.462	88	43904	566.455
79) Bromodichloromethane	(1)	5.613	83	135166	22.170
81) 2-Nitropropane	(1)	5.850	41	85604	46.064
82) 2-Chloroethyl Vinyl Ether	(1)	5.947	63	86306	20.804
83) cis-1,3-Dichloropropene	(1)	6.085	75	177807	21.185
84) 4-Methyl-2-Pentanone	(1)	6.267	43	357890	42.097
89) Toluene	(2)	6.447	92	263807	21.349
91) trans-1,3-Dichloropropene	(2)	6.694	75	172553	22.068
92) Ethyl Methacrylate	(2)	6.819	69	168130	20.582
93) 1,1,2-Trichloroethane	(2)	6.884	97	101326	21.233
94) Tetrachloroethene	(2)	7.041	166	112401	20.159
95) 1,3-Dichloropropane	(2)	7.066	76	179461	21.098

M = Compound was manually integrated.

* = Compound is an internal standard.

Quant Report

Target Revision 3.5

Data File: /chem2/HP09355.i/07aug28b.b/yg28c04.d Instrument ID: HP09355.i
Injection date and time: 28-AUG-2007 09:44 Analyst ID: NRR01826

Method used: /chem2/HP09355.i/07aug28b.b/Y8260W.m Sublist used: 8260WIICAL-2
Calibration date and time: 20-JUL-2007 09:25
Date, time and analyst ID of latest file update: 28-Aug-2007 11:23 nrr01826

Sample Name: VSTD020 Lab Sample ID: VSTD020

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
97) 2-Hexanone	(2)	7.182	43	256788	42.531
99) Dibromochloromethane	(2)	7.307	129	113357	22.150
101) 1,2-Dibromoethane	(2)	7.410	107	110172	21.488
102)*Chlorobenzene-d5	(2)	7.878	117	697047	50.000
103) Chlorobenzene	(2)	7.904	112	304306	21.243
104) 1,1,1,2-Tetrachloroethane	(2)	7.984	131	108665	21.409
105) Ethylbenzene	(2)	8.020	91	509669	21.001
106) m+p-Xylene	(2)	8.129	106	405696	42.079
107) Xylene (Total)	(2)		106	600486	62.459
108) o-Xylene	(2)	8.475	106	194790	20.380
109) Styrene	(2)	8.485	104	326464	20.409
110) Bromoform	(2)	8.626	173	94955	21.260
112) Isopropylbenzene	(2)	8.790	105	520253	21.345
114) Cyclohexanone	(4)	8.847	55	166225	524.479
118) 1,1,2,2-Tetrachloroethane	(3)	9.027	83	179461	21.311
120) trans-1,4-Dichloro-2-Butene	(3)	9.072	53	298859	114.092
117) Bromobenzene	(3)	9.014	156	138236	20.314
119) 1,2,3-Trichloropropane	(3)	9.053	110	53835	22.620
121) n-Propylbenzene	(3)	9.117	91	640779	21.025
122) 2-Chlorotoluene	(3)	9.175	126	127876	20.009
123) 1,3,5-Trimethylbenzene	(3)	9.258	105	456158	20.609
124) 4-Chlorotoluene	(3)	9.261	126	133741	20.139
127) tert-Butylbenzene	(3)	9.505	134	103693	19.839
128) Pentachloroethane	(3)	9.512	167	92131	20.163
129) 1,2,4-Trimethylbenzene	(3)	9.537	105	475159	21.009
130) sec-Butylbenzene	(3)	9.669	105	583572	20.612
132) p-Isopropyltoluene	(3)	9.775	119	515274	20.573
131) 1,3-Dichlorobenzene	(3)	9.740	146	268604	20.311
133)*1,4-Dichlorobenzene-d4	(3)	9.788	152	436263	50.000
134) 1,4-Dichlorobenzene	(3)	9.804	146	282178	20.336
135) 1,2,3-Trimethylbenzene	(3)	9.845	105	481174	20.783
136) Benzyl Chloride	(3)	9.903	91	384977	20.952
137) 1,3-Diethylbenzene	(3)	9.990	105	304299	20.915
138) 1,4-Diethylbenzene	(3)	10.051	105	293174	20.442

* = Compound is an internal standard.

Quant Report

Target Revision 3.5

Data File: /chem2/HP09355.i/07aug28b.b/yg28c04.d Instrument ID: HP09355.i
Injection date and time: 28-AUG-2007 09:44 Analyst ID: NRR01826

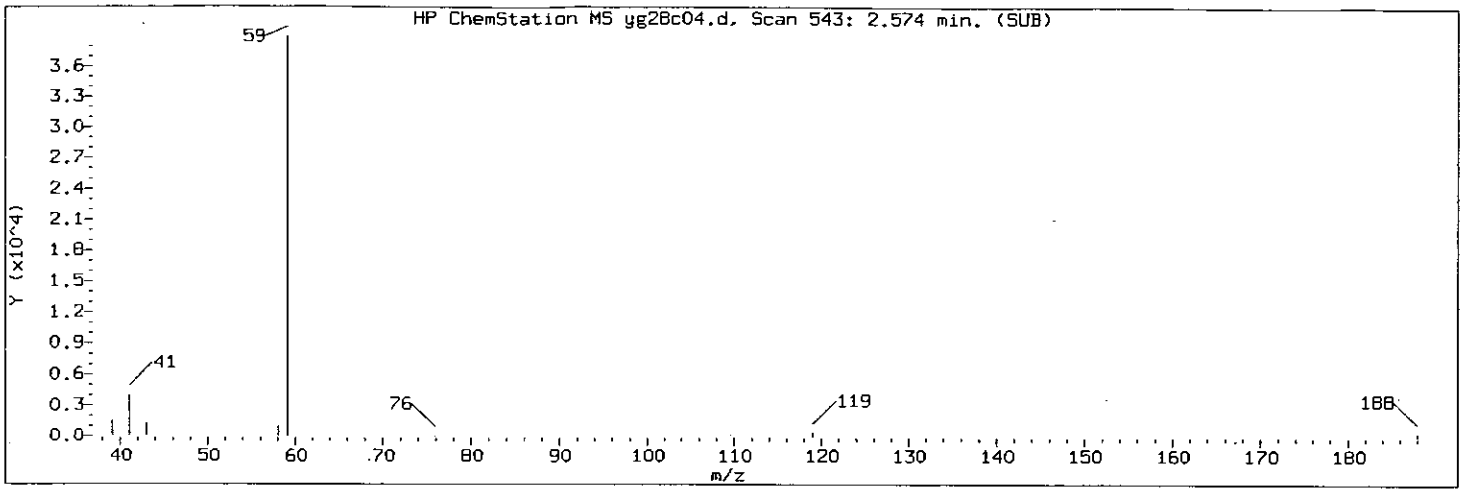
Method used: /chem2/HP09355.i/07aug28b.b/Y8260W.m Sublist used: 8260WIICAL-2
Calibration date and time: 20-JUL-2007 09:25
Date, time and analyst ID of latest file update: 28-Aug-2007 11:23 nrr01826

Sample Name: VSTD020 Lab Sample ID: VSTD020

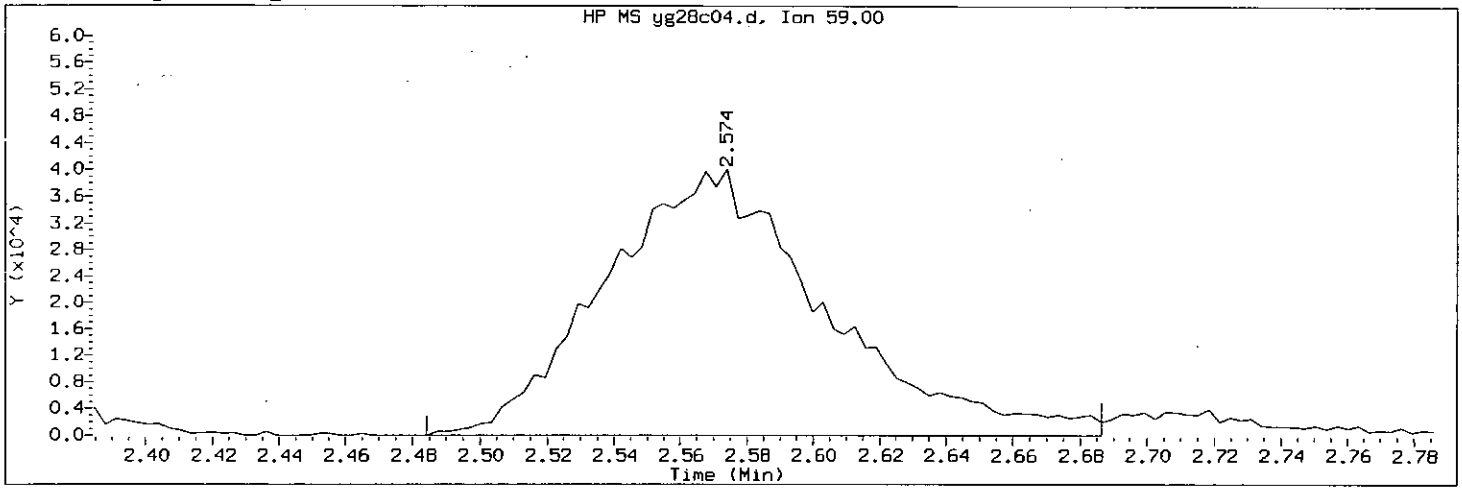
Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
139) n-Butylbenzene	(3)	10.067	92	266668	20.624
140) 1,2-Dichlorobenzene	(3)	10.070	146	272297	20.506
141) 1,2-Diethylbenzene	(3)	10.131	105	293399	20.850
143) 1,2-Dibromo-3-Chloropropane	(3)	10.609	75	39447	21.716
145) 1,2,4-Trichlorobenzene	(3)	11.161	180	201934	19.596
146) Hexachlorobutadiene	(3)	11.277	225	88188	19.647
147) Naphthalene	(3)	11.322	128	578989	20.298
148) 1,2,3-Trichlorobenzene	(3)	11.479	180	195887	19.897
150) 2-Methylnaphthalene	(3)	12.040	142	253033	17.905
48)$Dibromofluoromethane	(1)	4.069	113	223323	49.584
57)$1,2-Dichloroethane-d4	(1)	4.393	102	59406	47.740
49)$Dibromofluoromethane(mz111)	(1)	4.069	111	231095	50.235
58)$1,2-Dichloroethane-d4(mz104)	(1)	4.390	104	36810	50.118
86)$Toluene-d8(mz100)	(2)	6.377	100	602097	53.031
116)$4-Bromofluorobenzene(mz174)	(2)	8.902	174	311941	49.893
87)$Toluene-d8	(2)	6.377	98	929546	53.176
115)$4-Bromofluorobenzene	(2)	8.902	95	352863	52.501

$ = Compound is a surrogate standard.

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem2/HP09355.i/07aug28b.b/yg28c04.d Instrument ID: HP09355.i
Injection date and time: 28-AUG-2007 09:44 Analyst ID: NRR01826

Method used: /chem2/HP09355.i/07aug28b.b/Y8260W.m Sublist used: 8260WIICAL-2
Calibration date and time: 28-AUG-2007 10:10
Date, time and analyst ID of latest file update: 28-Aug-2007 11:23 nrr01826

Sample Name: VSTD020 Lab Sample ID: VSTD020

Compound Number : 24
Compound Name : t-Butyl Alcohol
Scan Number : 543
Retention Time (minutes): 2.574
Quant Ion : 59
Area (flag) : 183910 M
Concentration (ug/L) : 204.2725
Integration start scan : 514 Integration stop scan: 577
Y at integration start : 0 Y at integration end: 0

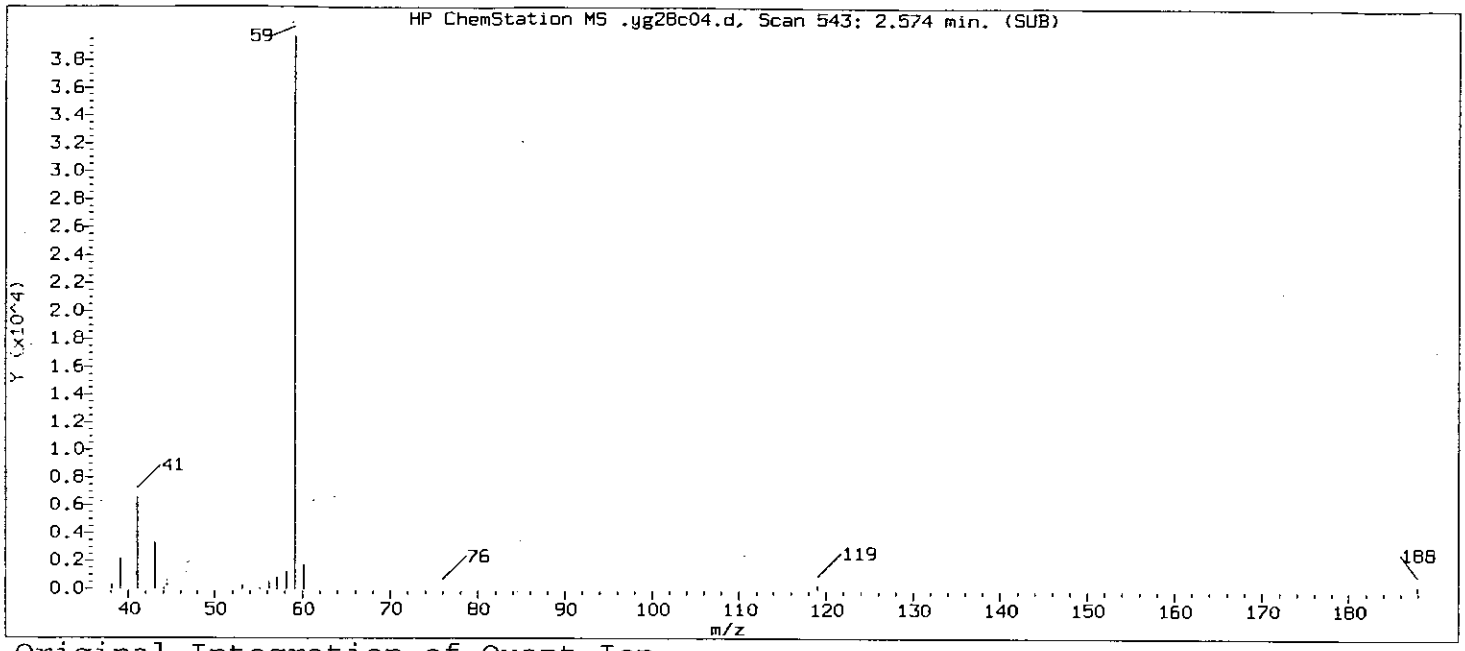
Reason for manual integration (circle one): missed peak improper integration

Analyst responsible for change: NRR 1826 8/28/07

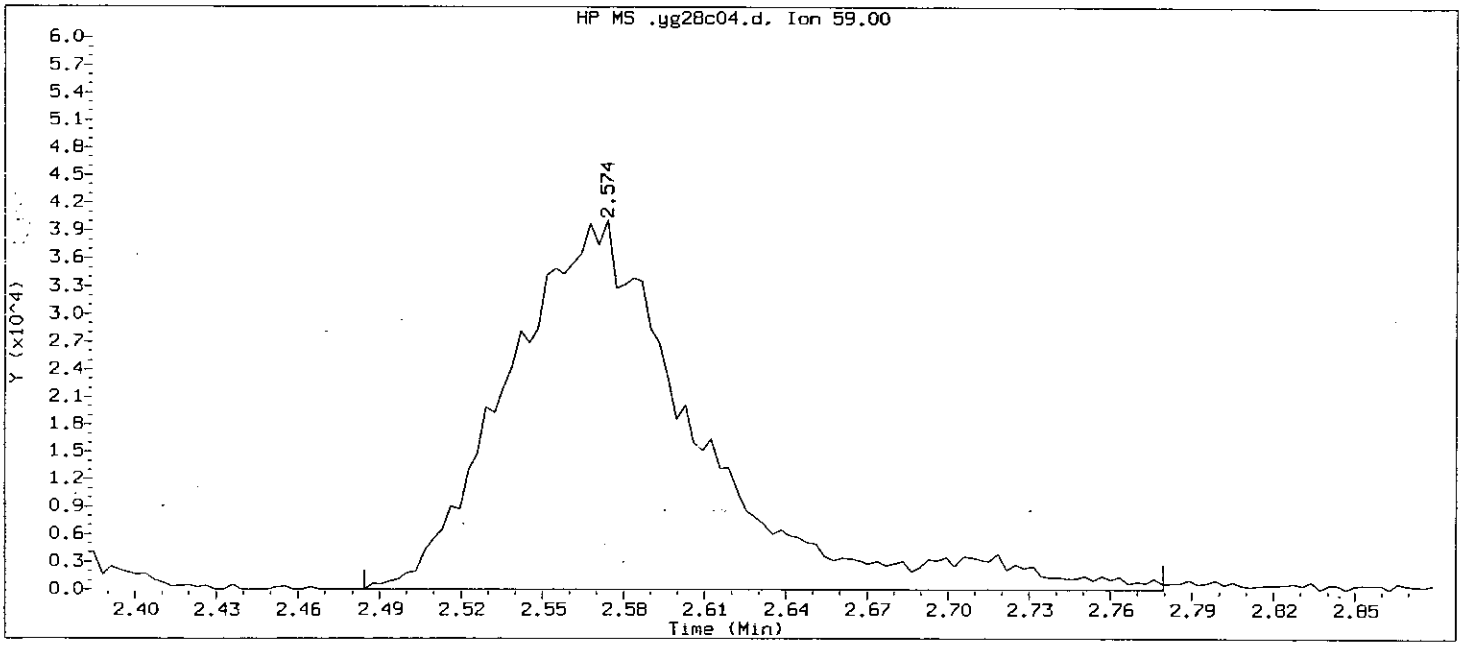
GC/MS audit/management approval: RAM 8/31/07 8254

Manual Integration Report for data file /chem2/HP09355.i/07aug28b.b/yg28c04.d, generated on 08/28/2007 at 11:23

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem2/HP09355.i/07aug28b.b/yg28c04.d Instrument ID: HP09355.i
Injection date and time: 28-AUG-2007 09:44 Analyst ID: NRR01826

Method used: /chem2/HP09355.i/07aug28b.b/Y8260W.m Sublist used: 8260WIICAL-2
Calibration date and time: 28-AUG-2007 10:01
Date, time and analyst ID of latest file update: 28-Aug-2007 10:01 Automation

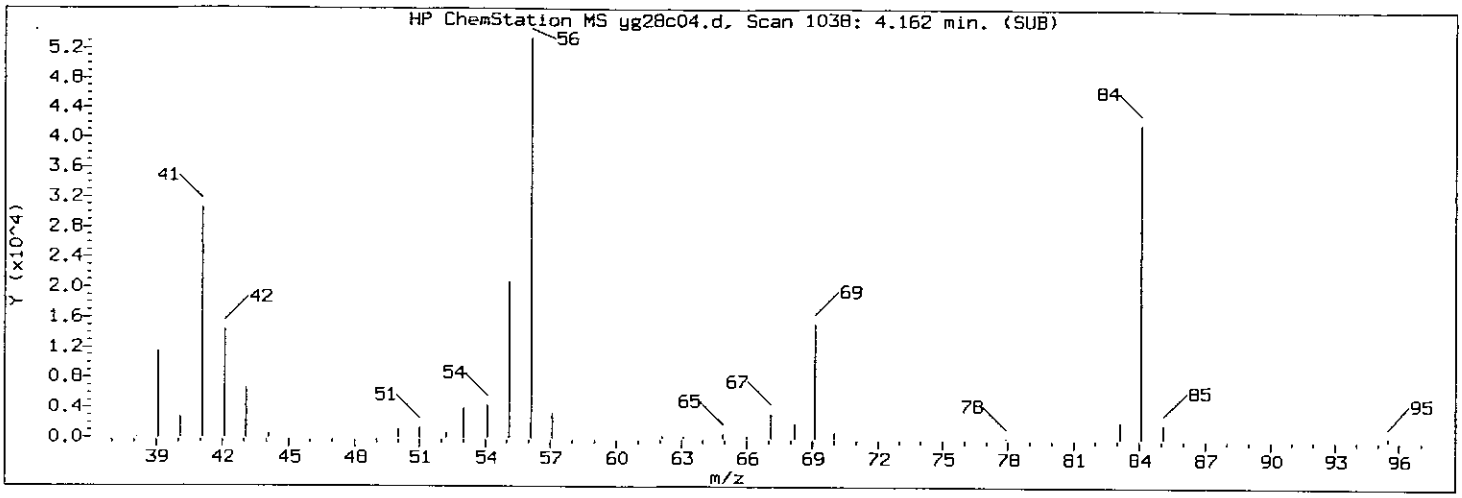
Sample Name: VSTD020 Lab Sample ID: VSTD020

Compound Number : 24
Compound Name : t-Butyl Alcohol
Scan Number : 543
Retention Time (minutes): 2.574
Quant Ion : 59
Area : 195032
Concentration (ug/L) : 216.6254
Integration start scan : 514 Integration stop scan: 606
Y at integration start : 0 Y at integration end: 0

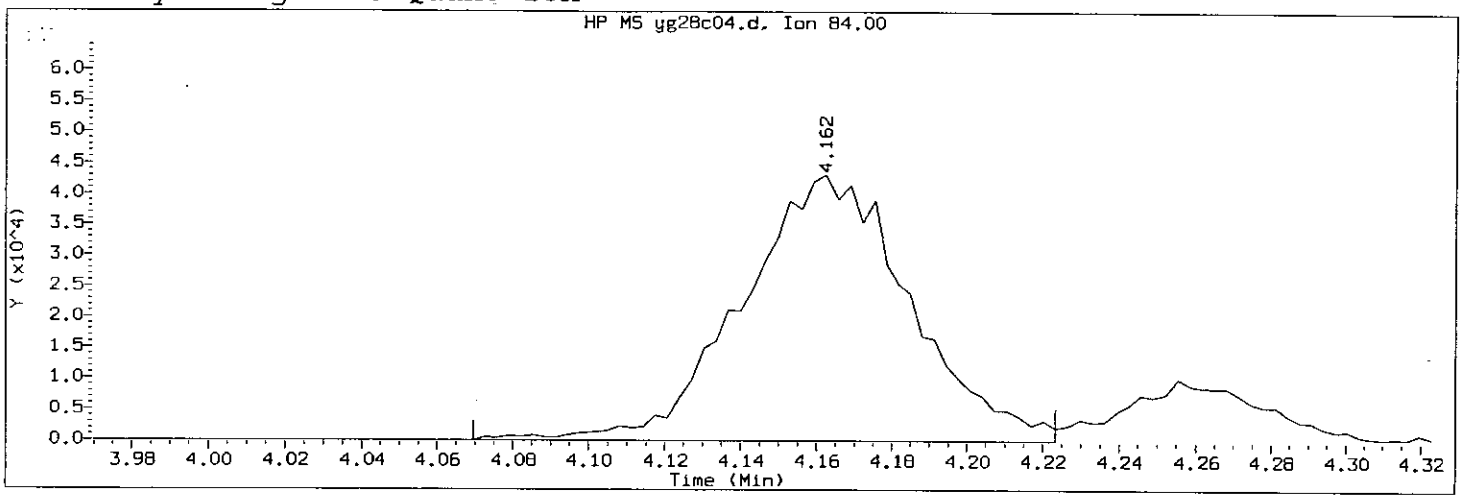
8255

Original Integration Report for data file /chem2/HP09355.i/07aug28b.b/yg28c04.d, generated on 08/28/2007 at 11:23

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem2/HP09355.i/07aug28b.b/yg28c04.d Instrument ID: HP09355.i
Injection date and time: 28-AUG-2007 09:44 Analyst ID: NRR01826

Method used: /chem2/HP09355.i/07aug28b.b/Y8260W.m Sublist used: 8260WIICAL-2
Calibration date and time: 28-AUG-2007 10:10
Date, time and analyst ID of latest file update: 28-Aug-2007 11:23 nrr01826

Sample Name: VSTD020 Lab Sample ID: VSTD020

Compound Number : 52
Compound Name : Cyclohexane (mz 84)
Scan Number : 1038
Retention Time (minutes): 4.162
Quant Ion : 84
Area (flag) : 132244 M
Concentration (ug/L) : 20.4818
Integration start scan : 1008 Integration stop scan: 1056
Y at integration start : 0 Y at integration end: 0

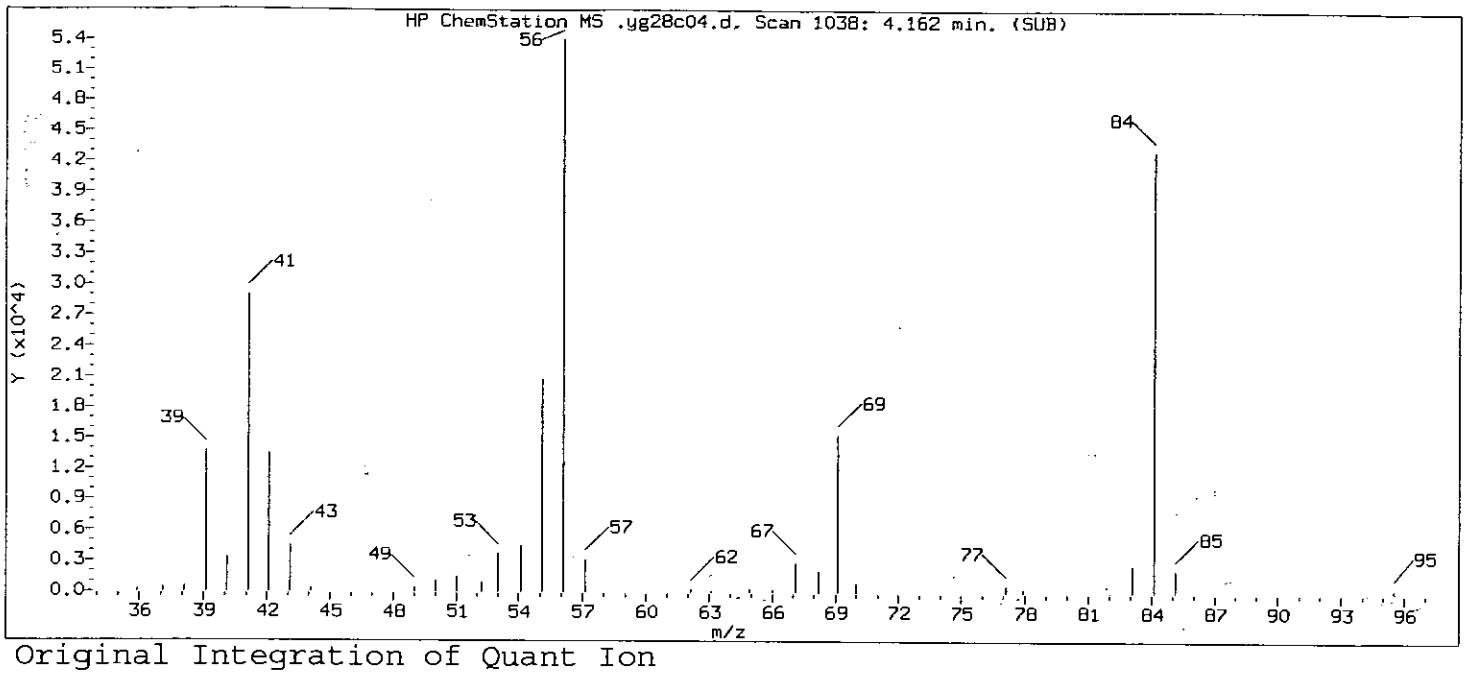
Reason for manual integration (circle one): missed peak improper integration

Analyst responsible for change: NRR 1826 8/28/07

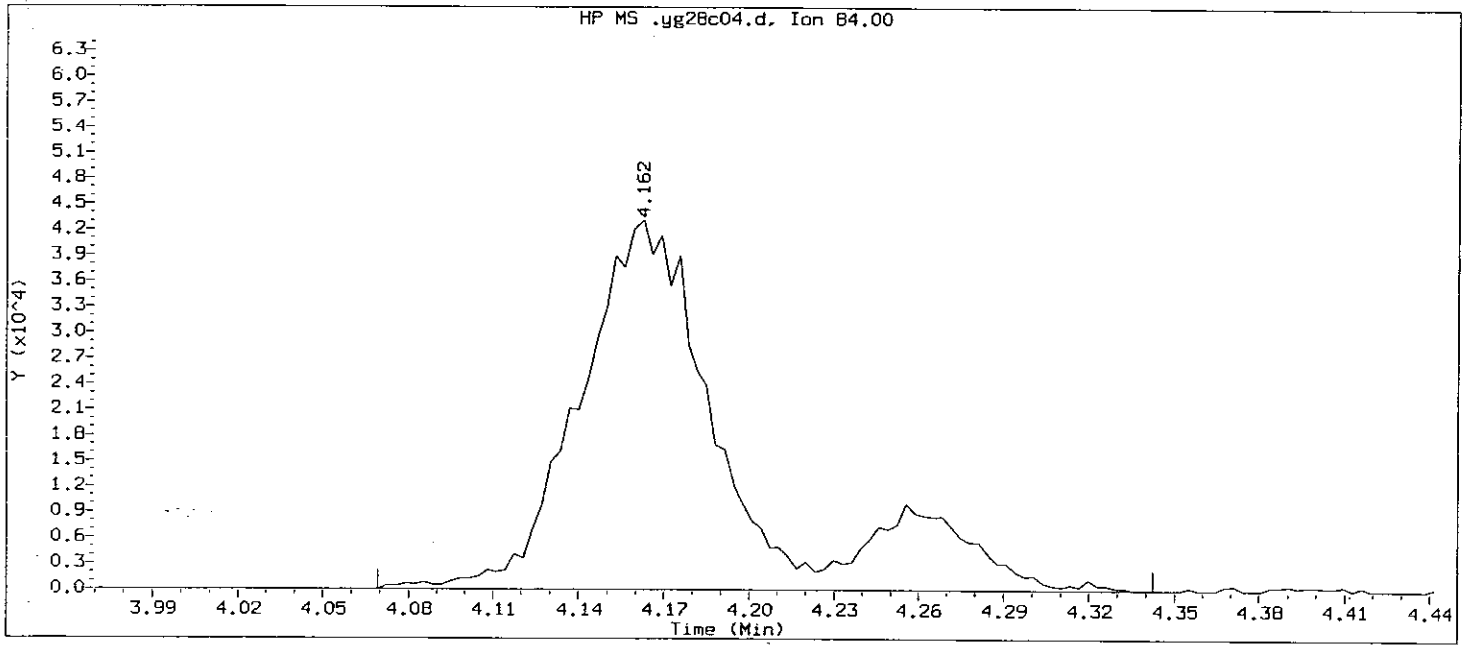
8256

GC/MS audit/management approval: [signature] 8/30/07

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem2/HP09355.i/07aug28b.b/yg28c04.d Instrument ID: HP09355.i
Injection date and time: 28-AUG-2007 09:44 Analyst ID: NRR01826

Method used: /chem2/HP09355.i/07aug28b.b/Y8260W.m Sublist used: 8260WIICAL-2
Calibration date and time: 28-AUG-2007 10:01
Date, time and analyst ID of latest file update: 28-Aug-2007 10:01 Automation

Sample Name: VSTD020 Lab Sample ID: VSTD020

Compound Number	: 52
Compound Name	: Cyclohexane (mz 84)
Scan Number	: 1038
Retention Time (minutes)	: 4.162
Quant Ion	: 84
Area	: 158161
Concentration (ug/L)	: 24.4957
Integration start scan	: 1008 Integration stop scan: 1093
Y at integration start	: 0 Y at integration end: 0

8257

Original Integration Report for data file /chem2/HP09355.i/07aug28b.b/yg28c04.d, generated on 08/28/2007 at 11:23

Raw QC Data

Data File: /chem2/HP09355.i/07aug22b.b/yg22t02.d

Date : 22-AUG-2007 09:41

Client ID: 50NGBFB

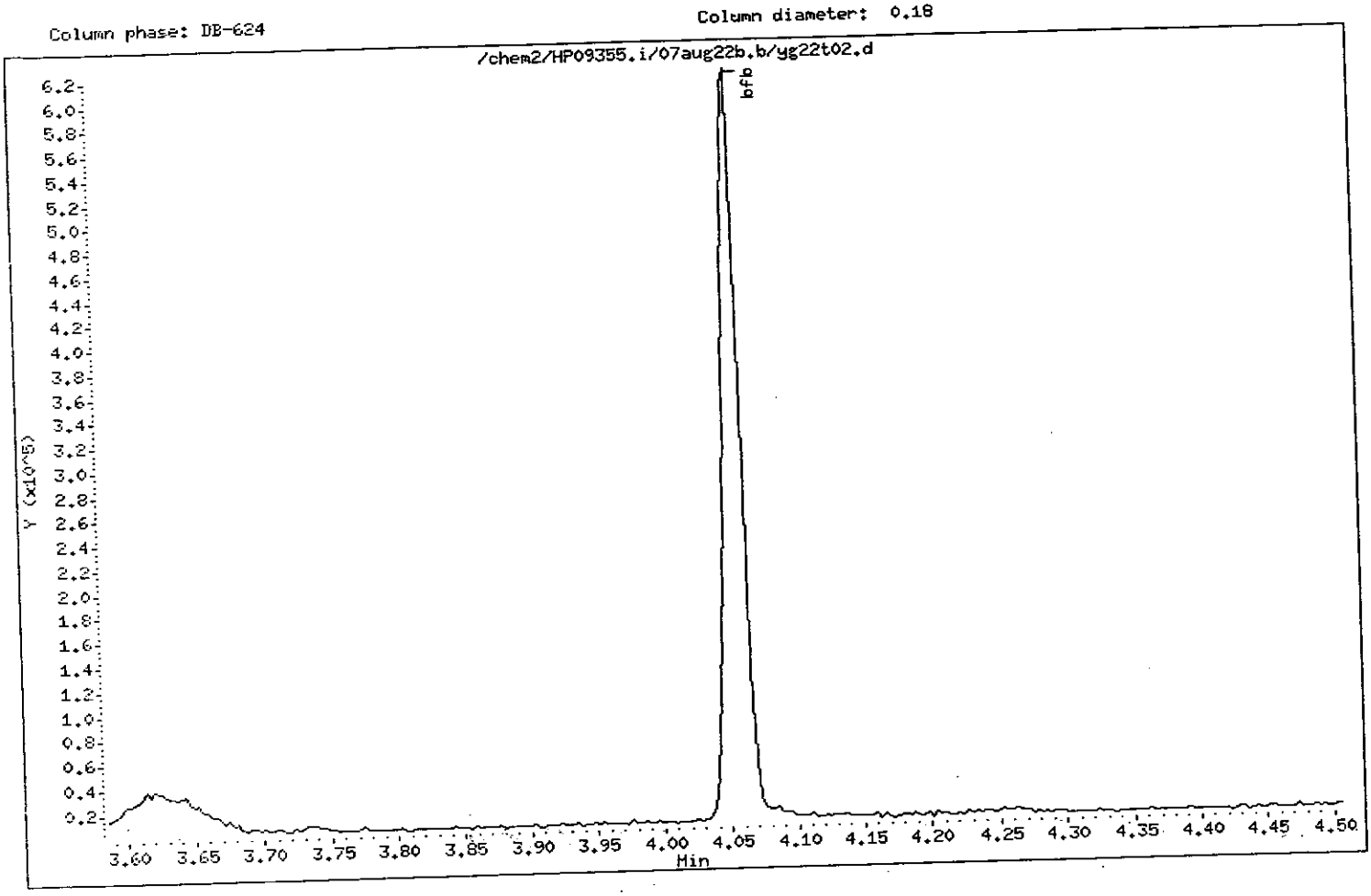
Sample Info: 50NGBFB;BFB50NGAUG02-07;;;;

Instrument: HP09355.i

Operator: NRR01826

Column phase: DB-624

Column diameter: 0.18



NRR 0826 8/22/07

8259

Data File: /chem2/HP09355.i/07aug22b.b/yg22t02.d

Date : 22-AUG-2007 09:41

Client ID: 50NGBFB

Sample Info: 50NGBFB;BFB50NGAUG02-07;;;;

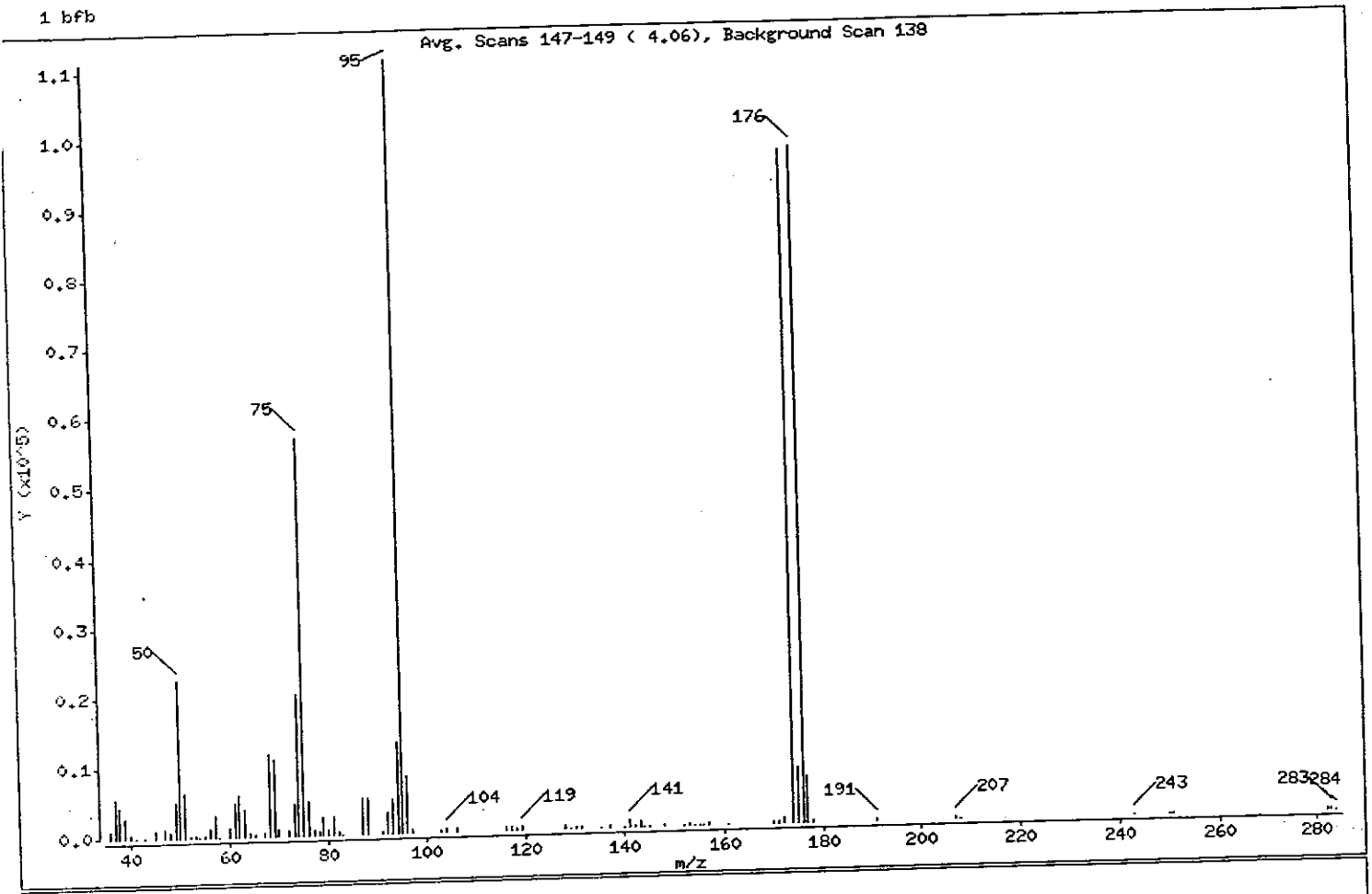
Instrument: HP09355.i

Operator: NRR01826

Column diameter: 0.18

Column phase: DB-624

1 bfb



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	20.28
75	30.00 - 60.00% of mass 95	51.30
96	5.00 - 9.00% of mass 95	7.29
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 100.00% of mass 95	87.07
175	5.00 - 9.00% of mass 174	7.17 (8.24)
176	95.00 - 101.00% of mass 174	87.48 (100.47)
177	5.00 - 9.00% of mass 176	5.96 (6.82)

Data File: /chem2/HP09355.i/07aug22b.b/yg22t02.d

Date : 22-AUG-2007 09:41

Client ID: 50NGBFB

Instrument: HP09355.i

Sample Info: 50NGBFB;BFB50NGAUG02-07;;;;

Operator: NRR01826

Column phase: DB-624

Column diameter: 0.18

Data File: yg22t02.d

Spectrum: Avg. Scans 147-149 (4.06), Background Scan 138

Location of Maximum: 95.00

Number of points: 95

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	993	64.00	509	95.00	111184	153.00	170
37.00	5615	65.00	381	96.00	8101	154.00	126
38.00	4291	67.00	435	97.00	593	155.00	106
39.00	2781	68.00	11853	103.00	226	156.00	89
40.00	574	69.00	11092	104.00	633	157.00	175
41.00	99	70.00	960	106.00	426	161.00	122
43.00	108	72.00	774	116.00	447	170.00	186
45.00	900	73.00	4721	117.00	536	171.00	211
47.00	1277	74.00	20112	118.00	317	172.00	823
48.00	672	75.00	57040	119.00	601	174.00	96808
49.00	5091	76.00	4758	128.00	505	175.00	7975
50.00	22552	77.00	650	129.00	122	176.00	97264
51.00	6459	78.00	638	130.00	357	177.00	6629
52.00	139	79.00	2478	131.00	194	178.00	194
53.00	200	80.00	840	135.00	97	191.00	202
54.00	85	81.00	2617	137.00	232	207.00	199
55.00	317	82.00	546	140.00	115	208.00	123
56.00	1341	83.00	94	141.00	1061	243.00	124
57.00	3079	87.00	5022	142.00	187	250.00	92
58.00	104	88.00	4996	143.00	833	251.00	107
60.00	1266	91.00	308	144.00	102	282.00	157
61.00	4803	92.00	3080	145.00	94	283.00	253
62.00	5842	93.00	4940	148.00	227	284.00	117
63.00	3800	94.00	13128	152.00	101		

Data File: /chem2/HP09355.i/07aug28b.b/yg28t03.d

Date : 28-AUG-2007 09:20

Client ID: 50NGBFB

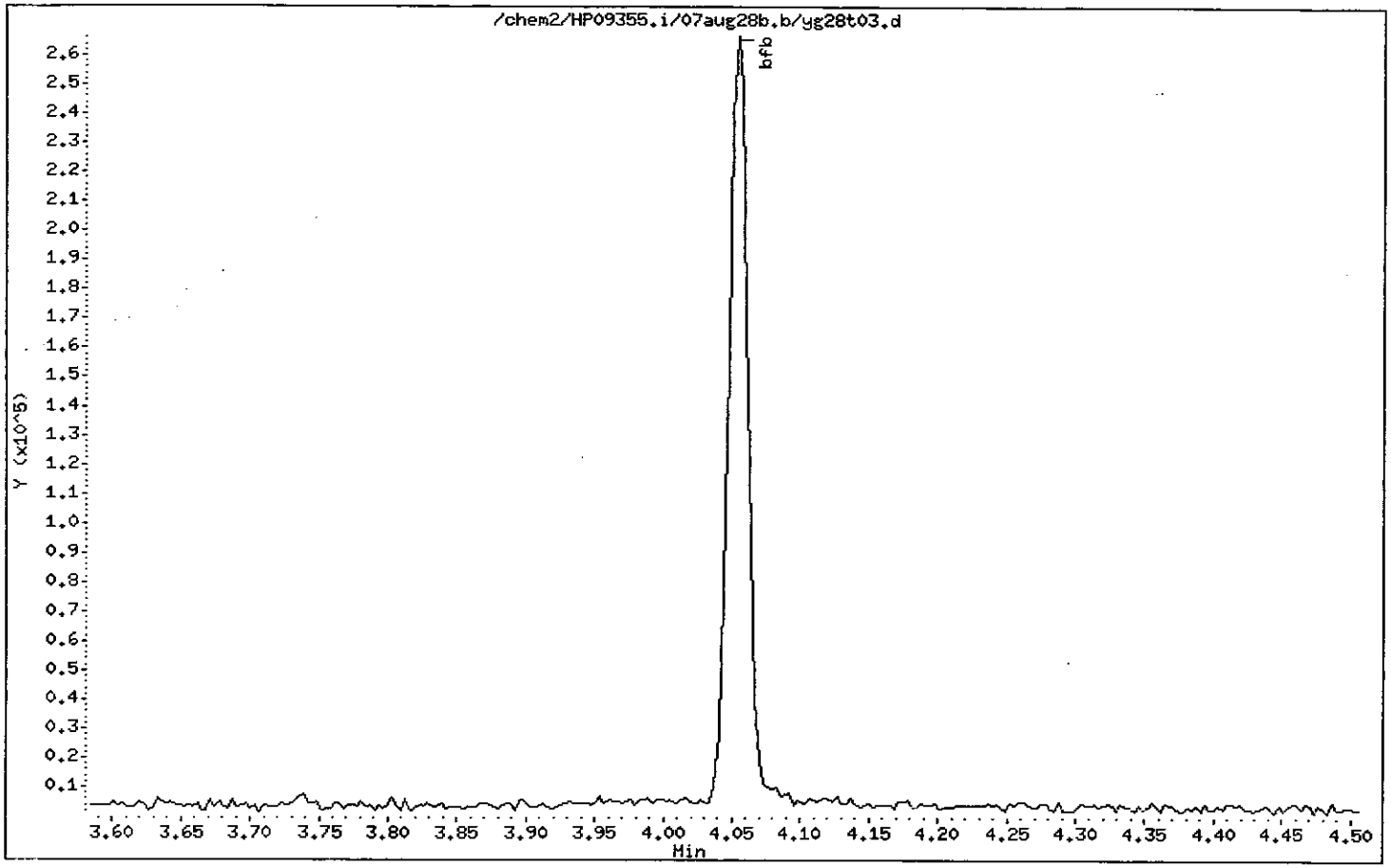
Instrument: HP09355.i

Sample Info: 50NGBFB;BFB50NGAUG02-07;;;;

Operator: NRR01826

Column phase: DB-624

Column diameter: 0.18



NRR 1826 8/28/07

Data File: /chem2/HP09355.i/07aug28b.b/yg28t03.d

Date : 28-AUG-2007 09:20

Client ID: 50NGBFB

Instrument: HP09355.i

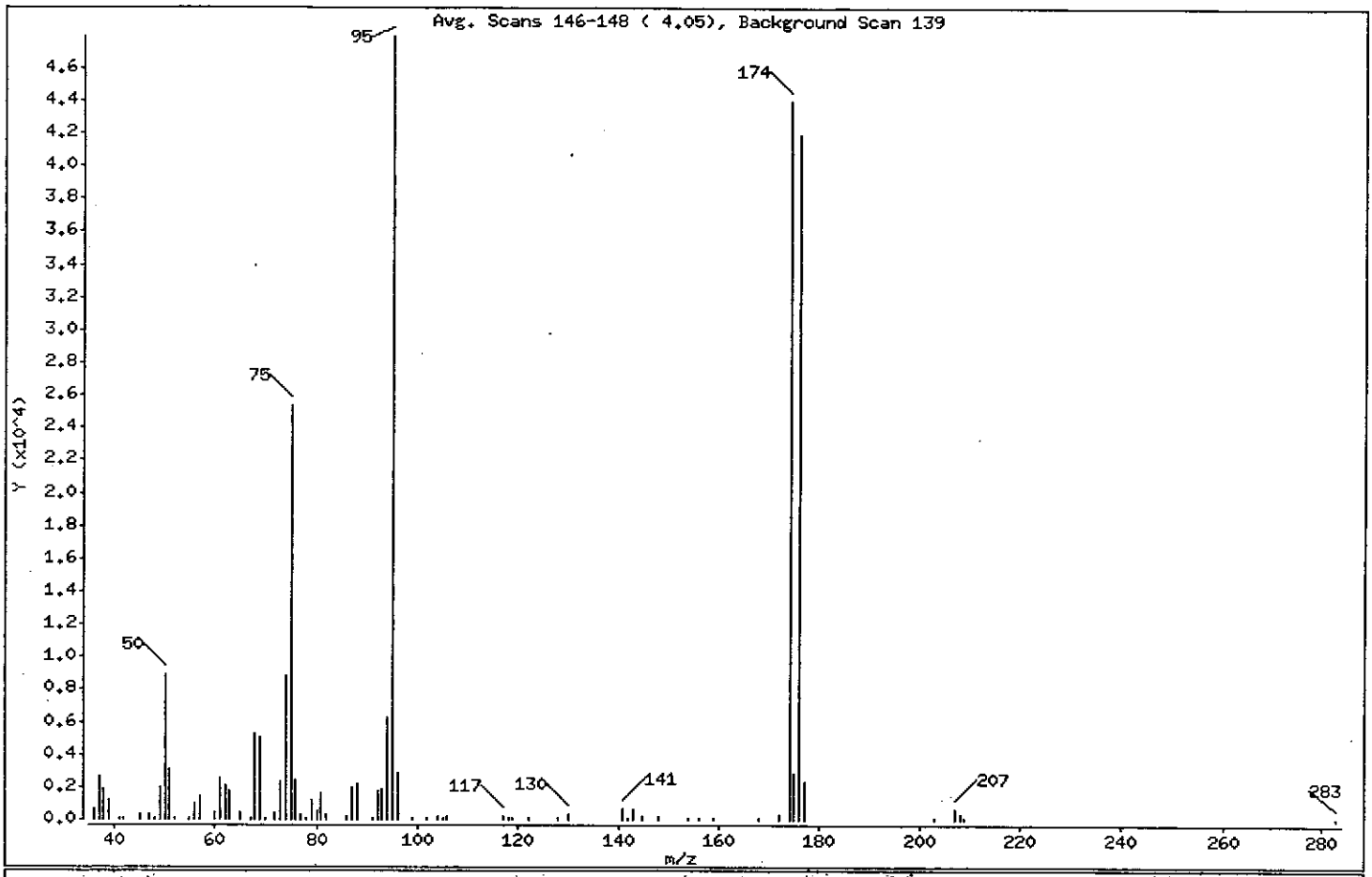
Sample Info: 50NGBFB;BFB50NGAUG02-07;;;;

Operator: NRR01826

Column phase: DB-624

Column diameter: 0.18

1 bfb



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	18.70
75	30.00 - 60.00% of mass 95	52.89
96	5.00 - 9.00% of mass 95	5.94
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 100.00% of mass 95	91.66
175	5.00 - 9.00% of mass 174	6.05 (6.60)
176	95.00 - 101.00% of mass 174	87.46 (95.41)
177	5.00 - 9.00% of mass 176	4.82 (5.51)

Data File: /chem2/HP09355.i/07aug28b.b/yg28t03.d

Date : 28-AUG-2007 09:20

Client ID: 50NGBFB

Instrument: HP09355.i

Sample Info: 50NGBFB;BFB50NGAUG02-07;;;;

Operator: NRR01826

Column phase: DB-624

Column diameter: 0.18

Data File: yg28t03.d

Spectrum: Avg. Scans 146-148 (4.05), Background Scan 139

Location of Maximum: 95.00

Number of points: 75

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	653	63.00	1780	88.00	2157	142.00	101
37.00	2603	65.00	413	91.00	123	143.00	621
38.00	1906	67.00	94	92.00	1819	145.00	213
39.00	1234	68.00	5252	93.00	1925	148.00	175
41.00	89	69.00	5084	94.00	6246	154.00	88
42.00	115	70.00	137	95.00	47960	156.00	115
45.00	382	72.00	401	96.00	2847	159.00	107
47.00	369	73.00	2353	99.00	111	168.00	91
48.00	127	74.00	8846	102.00	101	172.00	349
49.00	1941	75.00	25368	104.00	200	174.00	43960
50.00	8967	76.00	2465	105.00	92	175.00	2902
51.00	3068	77.00	356	106.00	185	176.00	41944
52.00	88	78.00	96	117.00	206	177.00	2310
55.00	98	79.00	1229	118.00	156	203.00	92
56.00	972	80.00	564	119.00	149	207.00	678
57.00	1405	81.00	1618	122.00	103	208.00	328
60.00	415	82.00	341	128.00	162	209.00	85
61.00	2539	86.00	214	130.00	302	283.00	113
62.00	2137	87.00	1931	141.00	677		

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLKY58

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: VBLKY58

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: HP09355.i/07aug28b.b/yg28b01.d

Level: (low/med) LOW Date Received:

Moisture: not dec. _____ Date Analyzed: 08/28/07

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	5	U
74-87-3	Chloromethane	5	U
75-01-4	Vinyl Chloride	5	U
74-83-9	Bromomethane	5	U
75-00-3	Chloroethane	5	U
75-69-4	Trichlorofluoromethane	5	U
60-29-7	Ethyl Ether	5	U
107-02-8	Acrolein	100	U
75-35-4	1,1-Dichloroethene	5	U
67-64-1	Acetone	20	U
76-13-1	Freon 113	10	U
74-88-4	Methyl Iodide	5	U
67-63-0	2-Propanol	100	U
75-15-0	Carbon Disulfide	5	U
75-05-8	Acetonitrile	100	U
107-05-1	Allyl Chloride	5	U
79-20-9	Methyl Acetate	5	U
75-09-2	Methylene Chloride	5	U
75-65-0	t-Butyl Alcohol	80	U
107-13-1	Acrylonitrile	20	U
156-60-5	trans-1,2-Dichloroethene	5	U
1634-04-4	Methyl Tertiary Butyl Ether	5	U
110-54-3	n-Hexane	5	U
75-34-3	1,1-Dichloroethane	5	U
108-05-4	Vinyl Acetate	10	U
108-20-3	di-Isopropyl Ether	5	U
126-99-8	2-Chloro-1,3-Butadiene	5	U
637-92-3	Ethyl t-Butyl Ether	5	U
156-59-2	cis-1,2-Dichloroethene	5	U
78-93-3	2-Butanone	10	U

0265

FORM I VOA

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLKY58

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: VBLKY58

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: HP09355.i/07aug28b.b/yg28b01.d

Level: (low/med) LOW Date Received:

Moisture: not dec. _____ Date Analyzed: 08/28/07

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
594-20-7	2,2-Dichloropropane	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
107-12-0	Propionitrile	100	U
126-98-7	Methacrylonitrile	50	U
74-97-5	Bromochloromethane	5	U
109-99-9	Tetrahydrofuran	10	U
67-66-3	Chloroform	5	U
71-55-6	1,1,1-Trichloroethane	5	U
110-82-7	Cyclohexane	5	U
563-58-6	1,1-Dichloropropene	5	U
56-23-5	Carbon Tetrachloride	5	U
78-83-1	Isobutyl Alcohol	250	U
71-43-2	Benzene	5	U
107-06-2	1,2-Dichloroethane	5	U
994-05-8	t-Amyl Methyl Ether	5	U
142-82-5	n-Heptane	5	U
71-36-3	n-Butanol	250	U
79-01-6	Trichloroethene	5	U
108-87-2	Methylcyclohexane	5	U
78-87-5	1,2-Dichloropropane	5	U
74-95-3	Dibromomethane	5	U
80-62-6	Methyl Methacrylate	5	U
123-91-1	1,4-Dioxane	250	U
75-27-4	Bromodichloromethane	5	U
79-46-9	2-Nitropropane	10	U
110-75-8	2-Chloroethyl Vinyl Ether	10	U
10061-01-5	cis-1,3-Dichloropropene	5	U
108-10-1	4-Methyl-2-Pentanone	10	U
108-88-3	Toluene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U

8266

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLKY58

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: VBLKY58

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: HP09355.i/07aug28b.b/yg28b01.d

Level: (low/med) LOW Date Received:

Moisture: not dec. _____ Date Analyzed: 08/28/07

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
97-63-2	Ethyl Methacrylate	5	U
79-00-5	1,1,2-Trichloroethane	5	U
127-18-4	Tetrachloroethene	5	U
142-28-9	1,3-Dichloropropane	5	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	5	U
106-93-4	1,2-Dibromoethane	5	U
108-90-7	Chlorobenzene	5	U
630-20-6	1,1,1,2-Tetrachloroethane	5	U
100-41-4	Ethylbenzene	5	U
1330-20-7	m+p-Xylene	5	U
1330-20-7	Xylene (Total)	5	U
95-47-6	o-Xylene	5	U
100-42-5	Styrene	5	U
75-25-2	Bromoform	5	U
98-82-8	Isopropylbenzene	5	U
108-94-1	Cyclohexanone	250	U
108-86-1	Bromobenzene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
96-18-4	1,2,3-Trichloropropane	5	U
110-57-6	trans-1,4-Dichloro-2-Butene	50	U
103-65-1	n-Propylbenzene	5	U
95-49-8	2-Chlorotoluene	5	U
108-67-8	1,3,5-Trimethylbenzene	5	U
106-43-4	4-Chlorotoluene	5	U
98-06-6	tert-Butylbenzene	5	U
76-01-7	Pentachloroethane	5	U
95-63-6	1,2,4-Trimethylbenzene	5	U
135-98-8	sec-Butylbenzene	5	U
541-73-1	1,3-Dichlorobenzene	5	U

8257

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLKY58

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: VBLKY58

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: HP09355.i/07aug28b.b/yg28b01.d

Level: (low/med) LOW Date Received:

Moisture: not dec. _____ Date Analyzed: 08/28/07

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
99-87-6	p-Isopropyltoluene	5	U
106-46-7	1,4-Dichlorobenzene	5	U
526-73-8	1,2,3-Trimethylbenzene	5	U
100-44-7	Benzyl Chloride	5	U
141-93-5	1,3-Diethylbenzene	5	U
105-05-5	1,4-Diethylbenzene	5	U
104-51-8	n-Butylbenzene	5	U
95-50-1	1,2-Dichlorobenzene	5	U
135-01-3	1,2-Diethylbenzene	5	U
96-12-8	1,2-Dibromo-3-Chloropropane	5	U
120-82-1	1,2,4-Trichlorobenzene	5	U
87-68-3	Hexachlorobutadiene	5	U
91-20-3	Naphthalene	5	U
87-61-6	1,2,3-Trichlorobenzene	5	U
91-57-6	2-Methylnaphthalene	5	U
25340-17-4	Diethylbenzene (total)	5	U

0268

VBLKY58

Lancaster Laboratories
Quantitation Report GC/MS Volatiles

VBLKY58

File: /chem2/HP09355.i/07aug28b.b/yg28b01.d
Sample: VBLKY58;VBLKY58;1;3;;;;
Injected At:28-AUG-2007 10:30
Calibration Time: 20-JUL-2007 09:25
Target Method: Y8260W.m
Blank Reference:
Sublist: 8260W-2+VAA

Sample Concentration Formula: On-Column Amount * (Vt/Vo)
Batch:Y072401AA
Analyst:NRR01826
Instrument ID:HP09355.i
Standard Reference: yg28c04.d
Prep Factor:1.00
Units: ug/L

Matrix: WATER
Level: Low
Sample Wt./Vol.: 5.0000 ml (Vo)
Volume Purged: 5.0 ml (Vt)
Bottle Code:

Internal Standards	RT(+/-RT)	Scan	QIon	Area(+/- %Area)	Conc(ext)	QC Flag
23) t-Butyl Alcohol-d10	2.481(0.016)	514	65	209010(6)	250.00	
66) Fluorobenzene	4.724(0.010)	1213	96	942504(1)	50.00	
102) Chlorobenzene-d5	7.878(0.000)	2196	117	706062(1)	50.00	
133) 1,4-Dichlorobenzene-d4	9.788(0.000)	2791	152	405034(-7)	50.00	

= RETENTION TIME OUT OF RANGE * = INTERNAL STANDARD OUT OF RANGE NC = NOT ABLE TO CALCULATE

Surrogate Standards	I.S. Ref.	RT (+/-RRT)	QIon	Area	Conc. (on column)	%Rec.	QC flags	QC Limits
48) Dibromofluoromethane	(1)	4.066(-0.001)	113	226669	49.832	100%		80 - 116
57) 1,2-Dichloroethane-d4	(1)	4.387(-0.001)	102	59498	47.344	95%		77 - 113
87) Toluene-d8	(2)	6.370(0.001)	98	929982	52.522	105%		80 - 113
115) 4-Bromofluorobenzene	(2)	8.902(0.000)	95	336796	49.470	99%		78 - 113

= RELATIVE RETENTION TIME OUT OF RANGE * = PERCENT REC.OUT OF RANGE D = DILUTED OUT NC = NOT ABLE TO CALCULATE

Target Compounds	I.S. Ref.	RT (+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit	LOQ
1) Dichlorodifluoromethane	(1)				ND	ND			2.00	5.00
2) Chloromethane	(1)				ND	ND			1.00	5.00
4) Vinyl Chloride	(1)				ND	ND			1.00	5.00
5) Bromomethane	(1)				ND	ND			1.00	5.00
6) Chloroethane	(1)				ND	ND			1.00	5.00
8) Trichlorofluoromethane	(1)				ND	ND			2.00	5.00
10) Ethyl Ether	(1)				ND	ND			2.00	5.00
11) Acrolein	(4)				ND	ND			40.00	100.00
13) 1,1-Dichloroethene	(1)				ND	ND			0.80	5.00
15) Freon 113	(1)				ND	ND			2.00	10.00
14) Acetone	(1)				ND	ND			6.00	20.00
16) Methyl Iodide	(1)				ND	ND			1.00	5.00
17) 2-Propanol	(4)				ND	ND			50.00	100.00
18) Carbon Disulfide	(1)				ND	ND			1.00	5.00
20) Allyl Chloride	(1)				ND	ND			1.00	5.00
21) Methyl Acetate	(1)				ND	ND			1.00	5.00
22) Methylene Chloride	(1)				ND	ND			2.00	5.00
24) t-Butyl Alcohol	(4)				ND	ND			10.00	80.00
25) Acrylonitrile	(1)				ND	ND			4.00	20.00
26) trans-1,2-Dichloroethene	(1)				ND	ND			0.80	5.00
27) Methyl Tertiary Butyl Ether	(1)				ND	ND			0.50	5.00
19) Acetonitrile	(4)				ND	ND			25.00	100.00
29) n-Hexane	(1)				ND	ND			2.00	5.00
40) 1,2-Dichloroethene (total)	(1)				ND	ND			0.80	5.00

E = CONC. OUT OF CAL. RANGE # = RELATIVE RETENTION TIME OUT OF RANGE

8259

Lancaster Laboratories
Quantitation Report GC/MS Volatiles

VBLKY58

File: /chem2/HP09355.i/07aug28b.b/yg28b01.d
Sample: VBLKY58;VBLKY58;1;3;;;;
Injected At:28-AUG-2007 10:30
Calibration Time: 20-JUL-2007 09:25
Target Method: Y8260W.m
Blank Reference:
Sublist: 8260W-2+VAA

Sample Concentration Formula: On-Column Amount * (Vt/Vo)
Batch:Y072401AA
Analyst:NRR01826
Instrument ID:HP09355.i
Standard Reference: yg28c04.d
Prep Factor:1.00
Units: ug/L

Matrix: WATER
Level: Low
Sample Wt./Vol.: 5.0000 ml (Vo)
Volume Purged: 5.0 ml (Vt)
Bottle Code:

Target Compounds	I.S. Ref.	RT	(+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit	LOQ
30) 1,1-Dichloroethane	(1)					ND	ND			1.00	5.00
31) Vinyl Acetate	(1)					ND	ND			2.00	10.00
32) di-Isopropyl Ether	(1)					ND	ND			0.80	5.00
33) 2-Chloro-1,3-Butadiene	(1)					ND	ND			1.00	5.00
36) Ethyl t-Butyl Ether	(1)					ND	ND			0.80	5.00
37) cis-1,2-Dichloroethene	(1)					ND	ND			0.80	5.00
38) 2-Butanone	(1)					ND	ND			3.00	10.00
39) 2,2-Dichloropropane	(1)					ND	ND			1.00	5.00
41) Propionitrile	(4)					ND	ND			30.00	100.00
43) Methacrylonitrile	(1)					ND	ND			10.00	50.00
44) Bromochloromethane	(1)					ND	ND			1.00	5.00
45) Tetrahydrofuran	(4)					ND	ND			4.00	10.00
46) Chloroform	(1)					ND	ND			0.80	5.00
50) 1,1,1-Trichloroethane	(1)					ND	ND			0.80	5.00
51) Cyclohexane	(1)					ND	ND			2.00	5.00
54) 1,1-Dichloropropene	(1)					ND	ND			1.00	5.00
55) Carbon Tetrachloride	(1)					ND	ND			1.00	5.00
56) Isobutyl Alcohol	(4)					ND	ND			100.00	250.00
59) Benzene	(1)					ND	ND			0.50	5.00
61) 1,2-Dichloroethane	(1)					ND	ND			1.00	5.00
64) t-Amyl Methyl Ether	(1)					ND	ND			0.80	5.00
67) n-Heptane	(1)					ND	ND			2.00	5.00
69) n-Butanol	(4)					ND	ND			100.00	250.00
70) Trichloroethene	(1)					ND	ND			1.00	5.00

E = CONC. OUT OF CAL. RANGE # = RELATIVE RETENTION TIME OUT OF RANGE

Lancaster Laboratories
Quantitation Report GC/MS Volatiles

VBLKY58

File: /chem2/HP09355.i/07aug28b.b/yg28b01.d
Sample: VBLKY58;VBLKY58;1;3;;;;
Injected At:28-AUG-2007 10:30
Calibration Time: 20-JUL-2007 09:25
Target Method: Y8260W.m
Blank Reference:
Sublist: 8260W-2+VAA

Sample Concentration Formula: On-Column Amount * (Vt/Vo)
Batch:Y072401AA
Analyst:NRR01826
Instrument ID:HP09355.i
Standard Reference: yg28c04.d
Prep Factor:1.00
Units: ug/L

Matrix: WATER
Level: Low
Sample Wt./Vol.: 5.0000 ml (Vo)
Volume Purged: 5.0 ml (Vt)
Bottle Code:

Target Compounds	I.S. Ref.	RT	(+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit	LOQ
73) 1,2-Dichloropropane	(1)					ND	ND			1.00	5.00
72) Methylcyclohexane	(1)					ND	ND			1.00	5.00
75) Methyl Methacrylate	(1)					ND	ND			1.00	5.00
74) Dibromomethane	(1)					ND	ND			1.00	5.00
76) 1,4-Dioxane	(4)					ND	ND			70.00	250.00
79) Bromodichloromethane	(1)					ND	ND			1.00	5.00
81) 2-Nitropropane	(1)					ND	ND			2.00	10.00
82) 2-Chloroethyl Vinyl Ether	(1)					ND	ND			2.00	10.00
83) cis-1,3-Dichloropropene	(1)					ND	ND			1.00	5.00
84) 4-Methyl-2-Pentanone	(1)					ND	ND			3.00	10.00
89) Toluene	(2)					ND	ND			0.70	5.00
91) trans-1,3-Dichloropropene	(2)					ND	ND			1.00	5.00
92) Ethyl Methacrylate	(2)					ND	ND			1.00	5.00
93) 1,1,2-Trichloroethane	(2)					ND	ND			0.80	5.00
94) Tetrachloroethene	(2)					ND	ND			0.80	5.00
95) 1,3-Dichloropropane	(2)					ND	ND			1.00	5.00
97) 2-Hexanone	(2)					ND	ND			3.00	10.00
99) Dibromochloromethane	(2)					ND	ND			1.00	5.00
101) 1,2-Dibromoethane	(2)					ND	ND			1.00	5.00
103) Chlorobenzene	(2)					ND	ND			0.80	5.00
104) 1,1,1,2-Tetrachloroethane	(2)					ND	ND			1.00	5.00
105) Ethylbenzene	(2)					ND	ND			0.80	5.00
106) m+p-Xylene	(2)					ND	ND			0.80	5.00
107) Xylene (Total)	(2)					ND	ND			0.80	5.00

E = CONC. OUT OF CAL. RANGE # = RELATIVE RETENTION TIME OUT OF RANGE

Lancaster Laboratories
Quantitation Report GC/MS Volatiles

VBLKY58

File: /chem2/HP09355.i/07aug28b.b/yg28b01.d
Sample: VBLKY58;VBLKY58;1;3;;;;
Injected At:28-AUG-2007 10:30
Calibration Time: 20-JUL-2007 09:25
Target Method: Y8260W.m
Blank Reference:
Sublist: 8260W-2+VAA

Sample Concentration Formula: On-Column Amount * (Vt/Vo)
Batch:Y072401AA
Analyst:NRR01826
Instrument ID:HP09355.i
Standard Reference: yg28c04.d
Prep Factor:1.00
Units: ug/L

Matrix: WATER
Level: Low
Sample Wt./Vol.: 5.0000 ml (Vo)
Volume Purged: 5.0 ml (Vt)
Bottle Code:

Target Compounds	I.S. Ref.	RT	(+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit	LOQ
108) o-Xylene	(2)					ND	ND			0.80	5.00
109) Styrene	(2)					ND	ND			1.00	5.00
110) Bromoform	(2)					ND	ND			1.00	5.00
112) Isopropylbenzene	(2)					ND	ND			1.00	5.00
114) Cyclohexanone	(4)					ND	ND			55.00	250.00
118) 1,1,2,2-Tetrachloroethane	(3)					ND	ND			1.00	5.00
120) trans-1,4-Dichloro-2-Butene	(3)					ND	ND			15.00	50.00
117) Bromobenzene	(3)					ND	ND			1.00	5.00
119) 1,2,3-Trichloropropane	(3)					ND	ND			1.00	5.00
121) n-Propylbenzene	(3)					ND	ND			1.00	5.00
122) 2-Chlorotoluene	(3)					ND	ND			1.00	5.00
123) 1,3,5-Trimethylbenzene	(3)					ND	ND			1.00	5.00
124) 4-Chlorotoluene	(3)					ND	ND			1.00	5.00
127) tert-Butylbenzene	(3)					ND	ND			1.00	5.00
128) Pentachloroethane	(3)					ND	ND			1.00	5.00
129) 1,2,4-Trimethylbenzene	(3)					ND	ND			1.00	5.00
130) sec-Butylbenzene	(3)					ND	ND			1.00	5.00
132) p-Isopropyltoluene	(3)					ND	ND			1.00	5.00
131) 1,3-Dichlorobenzene	(3)					ND	ND			1.00	5.00
134) 1,4-Dichlorobenzene	(3)					ND	ND			1.00	5.00
135) 1,2,3-Trimethylbenzene	(3)					ND	ND			1.00	5.00
136) Benzyl Chloride	(3)					ND	ND			1.00	5.00
137) 1,3-Diethylbenzene	(3)					ND	ND			1.00	5.00
138) 1,4-Diethylbenzene	(3)					ND	ND			1.00	5.00

E = CONC. OUT OF CAL. RANGE # = RELATIVE RETENTION TIME OUT OF RANGE

0272

Lancaster Laboratories
Quantitation Report GC/MS Volatiles

VBLKY58

File: /chem2/HP09355.i/07aug28b.b/yg28b01.d
Sample: VBLKY58;VBLKY58;1;3;;;;
Injected At:28-AUG-2007 10:30
Calibration Time: 20-JUL-2007 09:25
Target Method: Y8260W.m
Blank Reference:
Sublist: 8260W-2+VAA

Sample Concentration Formula: On-Column Amount * (Vt/Vo)
Batch:Y072401AA
Analyst:NRR01826
Instrument ID:HP09355.i
Standard Reference: yg28c04.d
Prep Factor:1.00
Units: ug/L

Matrix: WATER
Level: Low
Sample Wt./Vol.: 5.0000 ml (Vo)
Volume Purged: 5.0 ml (Vt)
Bottle Code:

Target Compounds	I.S. Ref.	RT	(+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit	LOQ
139) n-Butylbenzene	(3)					ND	ND			1.00	5.00
140) 1,2-Dichlorobenzene	(3)					ND	ND			1.00	5.00
141) 1,2-Diethylbenzene	(3)					ND	ND			1.00	5.00
143) 1,2-Dibromo-3-Chloropropane	(3)					ND	ND			2.00	5.00
145) 1,2,4-Trichlorobenzene	(3)					ND	ND			1.00	5.00
146) Hexachlorobutadiene	(3)					ND	ND			2.00	5.00
147) Naphthalene	(3)					ND	ND			1.00	5.00
148) 1,2,3-Trichlorobenzene	(3)					ND	ND			1.00	5.00
150) 2-Methylnaphthalene	(3)					ND	ND			2.00	5.00

E = CONC. OUT OF CAL. RANGE # = RELATIVE RETENTION TIME OUT OF RANGE

Comments:

Analyst: NRR 1826 Date: 8/28/07

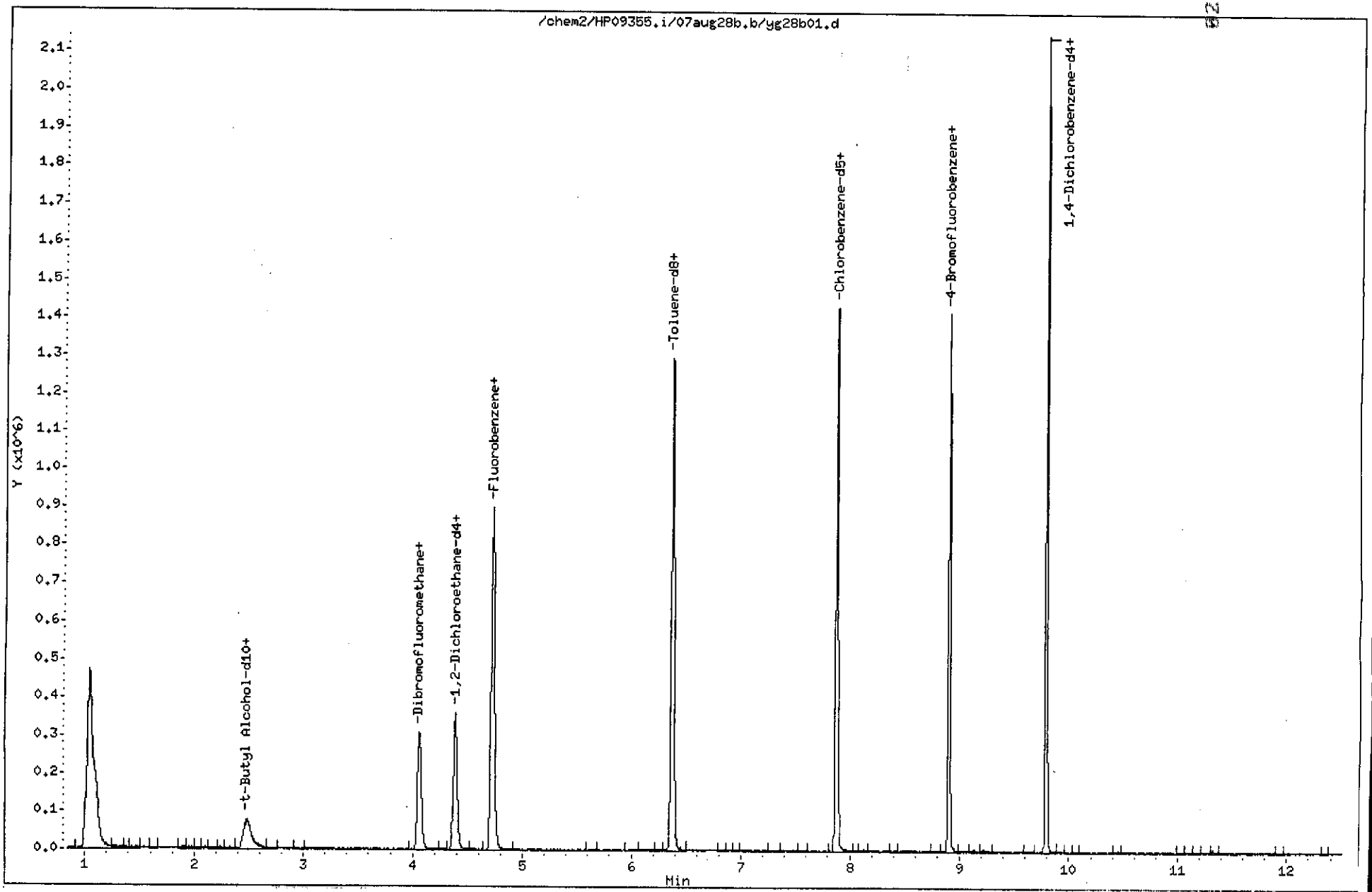
Auditor: 2dm Date: 8/31/07

Data File: /chem2/HP09355.i/07aug28b.b/yg28b01.d
Date : 28-AUG-2007 10:30
Client ID: VBLKY58
Sample Info: VBLKY58;VBLKY58;1;3;;;;
Purge Volume: 5.0
Column phase: DB-624

NRR 1826 8/28/07

Instrument: HP09355.i

Operator: NRR01826
Column diameter: 0.18



Quant Report

Target Revision 3.5

Data File: /chem2/HP09355.i/07aug28b.b/yg28b01.d Instrument ID: HP09355.i
Injection date and time: 28-AUG-2007 10:30 Analyst ID: NRR01826

Method used: /chem2/HP09355.i/07aug28b.b/Y8260W.m Sublist used: 8260W-2+VAA
Calibration date and time: 20-JUL-2007 09:25
Date, time and analyst ID of latest file update: 28-Aug-2007 10:47 Automation

Sample Name: VBLKY58 Lab Sample ID: VBLKY58

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
23) *t-Butyl Alcohol-d10	(4)	2.481	65	209010	250.000
66) *Fluorobenzene	(1)	4.724	96	942504	50.000
102) *Chlorobenzene-d5	(2)	7.878	117	706062	50.000
133) *1,4-Dichlorobenzene-d4	(3)	9.788	152	405034	50.000
48) $Dibromofluoromethane	(1)	4.066	113	226669	49.832
57) $1,2-Dichloroethane-d4	(1)	4.387	102	59498	47.344
87) $Toluene-d8	(2)	6.370	98	929982	52.522
115) $4-Bromofluorobenzene	(2)	8.902	95	336796	49.470

* = Compound is an internal standard.
$ = Compound is a surrogate standard.

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

OS--3MS

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 5136506

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: HP09355.i/07aug28b.b/yg28s10.d

Level: (low/med) LOW Date Received: 08/23/07

Moisture: not dec. _____ Date Analyzed: 08/28/07

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
74-87-3	Chloromethane	19	
75-01-4	Vinyl Chloride	18	
74-83-9	Bromomethane	18	
75-00-3	Chloroethane	18	
75-69-4	Trichlorofluoromethane	23	
75-35-4	1,1-Dichloroethene	23	
75-09-2	Methylene Chloride	20	
156-60-5	trans-1,2-Dichloroethene	23	
75-34-3	1,1-Dichloroethane	23	
156-59-2	cis-1,2-Dichloroethene	22	
540-59-0	1,2-Dichloroethene (total)	44	
67-66-3	Chloroform	24	
71-55-6	1,1,1-Trichloroethane	25	
56-23-5	Carbon Tetrachloride	26	
71-43-2	Benzene	23	
107-06-2	1,2-Dichloroethane	25	
79-01-6	Trichloroethene	24	
78-87-5	1,2-Dichloropropane	23	
75-27-4	Bromodichloromethane	24	
110-75-8	2-Chloroethyl Vinyl Ether	10	U
10061-01-5	cis-1,3-Dichloropropene	21	
108-88-3	Toluene	23	
10061-02-6	trans-1,3-Dichloropropene	22	
79-00-5	1,1,2-Trichloroethane	21	
127-18-4	Tetrachloroethene	22	
124-48-1	Dibromochloromethane	23	
108-90-7	Chlorobenzene	22	
100-41-4	Ethylbenzene	22	
XYLENES1314	m+p-Xylene	44	
1330-20-7	Xylene (Total)	65	

0276

FORM I VOA

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

OS--3MS

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 5136506

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: HP09355.i/07aug28b.b/yg28s10.d

Level: (low/med) LOW Date Received: 08/23/07

Moisture: not dec. _____ Date Analyzed: 08/28/07

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
95-47-6	o-Xylene	21	
75-25-2	Bromoform	20	
79-34-5	1,1,2,2-Tetrachloroethane	20	
541-73-1	1,3-Dichlorobenzene	21	
106-46-7	1,4-Dichlorobenzene	21	
95-50-1	1,2-Dichlorobenzene	21	

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FORM I VOA

OS--3MS

Lancaster Laboratories
Quantitation Report GC/MS Volatiles 5136506

File: /chem2/HP09355.i/07aug28b.b/yg28s10.d
Sample: OS--3MS;5136506;1;3;MS;;;
Injected At:28-AUG-2007 15:19
Calibration Time: 20-JUL-2007 09:25
Target Method: Y8260W.m
Blank Reference: yg28b01.d
Sublist: CHEVE

Sample Concentration Formula: On-Column Amount * (Vt/Vo)
Batch:Y072401AA
Analyst:NRR01826
Instrument ID:HP09355.i
Standard Reference: yg28c04.d
Prep Factor:1.00
Units: ug/L

Matrix: WATER
Level: Low
Sample Wt./Vol.: 5.0000 ml (Vo)
Volume Purged: 5.0 ml (Vt)

Bottle Code:38A

Internal Standards	RT(+/-RT)	Scan	QIon	Area(+/- %Area)	Conc(ext)	QC Flag
23) t-Butyl Alcohol-d10	2.497(0.000)	519	65	174761(-12)	250.00	
66) Fluorobenzene	4.724(0.010)	1213	96	888488(-5)	50.00	
102) Chlorobenzene-d5	7.875(0.003)	2195	117	675620(-3)	50.00	
133) 1,4-Dichlorobenzene-d4	9.784(0.003)	2790	152	417434(-4)	50.00	

= RETENTION TIME OUT OF RANGE * = INTERNAL STANDARD OUT OF RANGE NC = NOT ABLE TO CALCULATE

Surrogate Standards	I.S. Ref.	RT (+/-RRT)	QIon	Area	Conc. (on column)	%Rec.	QC flags	QC Limits
48) Dibromofluoromethane	(1)	4.063(0.000)	113	218092	50.861	102%		80 - 116
57) 1,2-Dichloroethane-d4	(1)	4.390(-0.001)	102	53425	45.096	90%		77 - 113
87) Toluene-d8	(2)	6.373(0.000)	98	894400	52.789	106%		80 - 113
115) 4-Bromofluorobenzene	(2)	8.902(0.000)	95	336858	51.709	103%		78 - 113

= RELATIVE RETENTION TIME OUT OF RANGE * = PERCENT REC.OUT OF RANGE D = DILUTED OUT NC = NOT ABLE TO CALCULATE

Target Compounds	I.S. Ref.	RT (+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit	LOQ
2) Chloromethane	(1)	1.252(0.002)	50	158504	19.233	19.23			1.00	5.00
4) Vinyl Chloride	(1)	1.355(0.003)	62	140036	18.320	18.32			1.00	5.00
5) Bromomethane	(1)	1.525(0.002)	94	80739	17.935	17.93			1.00	5.00
6) Chloroethane	(1)	1.582(0.002)	64	78127	18.013	18.01			1.00	5.00
8) Trichlorofluoromethane	(1)	1.797(0.001)	101	180491	23.149	23.15			2.00	5.00
13) 1,1-Dichloroethene	(1)	2.096(0.002)	96	86860	22.732	22.73			0.80	5.00
22) Methylene Chloride	(1)	2.471(0.002)	84	98491	19.641	19.64			2.00	5.00
26) trans-1,2-Dichloroethene	(1)	2.702(0.002)	96	100086	22.830	22.83			0.80	5.00
40) 1,2-Dichloroethene (total)	(1)		96	205936	44.437	44.44			0.80	5.00
30) 1,1-Dichloroethane	(1)	3.068(0.001)	63	195975	23.389	23.39			1.00	5.00
37) cis-1,2-Dichloroethene	(1)	3.610(-0.001)	96	105850	21.607	21.61			0.80	5.00
46) Chloroform	(1)	3.915(-0.001)	83	181448	23.604	23.60			0.80	5.00
50) 1,1,1-Trichloroethane	(1)	4.095(-0.001)	97	162304	24.816	24.82			0.80	5.00
55) Carbon Tetrachloride	(1)	4.252(0.000)	117	145690	25.797	25.80			1.00	5.00
59) Benzene	(1)	4.448(-0.001)	78	441878	23.171	23.17			0.50	5.00
61) 1,2-Dichloroethane	(1)	4.461(-0.001)	62	158658	24.681	24.68			1.00	5.00
70) Trichloroethene	(1)	5.096(-0.002)	95	106990	23.569	23.57			1.00	5.00
73) 1,2-Dichloropropane	(1)	5.321(-0.002)	63	118879	22.868	22.87			1.00	5.00
79) Bromodichloromethane	(1)	5.606(-0.001)	83	140566	24.217	24.22			1.00	5.00
82) 2-Chloroethyl Vinyl Ether	(1)				ND	ND			2.00	10.00
83) cis-1,3-Dichloropropene	(1)	6.088(-0.003)	75	169978	21.272	21.27			1.00	5.00
89) Toluene	(2)	6.444(0.000)	92	276565	23.092	23.09			0.70	5.00
91) trans-1,3-Dichloropropene	(2)	6.691(0.000)	75	163267	21.542	21.54			1.00	5.00
93) 1,1,2-Trichloroethane	(2)	6.887(-0.001)	97	97567	21.094	21.09			0.80	5.00

E = CONC. OUT OF CAL. RANGE # = RELATIVE RETENTION TIME OUT OF RANGE

8278

OS--3MS

Lancaster Laboratories
Quantitation Report GC/MS Volatiles

5136506

File: /chem2/HP09355.i/07aug28b.b/yg28s10.d
Sample: OS--3MS;5136506;1;3;MS;;;
Injected At:28-AUG-2007 15:19
Calibration Time: 20-JUL-2007 09:25
Target Method: Y8260W.m
Blank Reference: yg28b01.d
Sublist: CHEVE

Sample Concentration Formula: On-Column Amount * (Vt/Vo)
Batch:Y072401AA
Analyst:NRR01826
Instrument ID:HP09355.i
Standard Reference: yg28c04.d
Prep Factor:1.00
Units: ug/L

Matrix: WATER
Level: Low
Sample Wt./Vol.: 5.0000 ml (Vo)
Volume Purged: 5.0 ml (Vt)

Bottle Code:38A

Target Compounds	I.S. Ref.	RT	(+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit	LOQ
94) Tetrachloroethene	(2)	7.038	(0.000)	166	117649	21.770	21.77			0.80	5.00
99) Dibromochloromethane	(2)	7.304	(0.000)	129	114321	23.047	23.05			1.00	5.00
103) Chlorobenzene	(2)	7.904	(0.000)	112	305961	22.036	22.04			0.80	5.00
105) Ethylbenzene	(2)	8.020	(0.000)	91	516204	21.945	21.95			0.80	5.00
106) m+p-Xylene	(2)	8.129	(0.000)	106	411873	44.075	44.07			0.80	5.00
107) Xylene (Total)	(2)			106	608899	65.342	65.34			0.80	5.00
108) o-Xylene	(2)	8.472	(0.000)	106	197026	21.268	21.27			0.80	5.00
110) Bromoform	(2)	8.626	(0.000)	173	88701	20.489	20.49			1.00	5.00
118) 1,1,2,2-Tetrachloroethane	(3)	9.027	(0.000)	83	163832	20.332	20.33			1.00	5.00
131) 1,3-Dichlorobenzene	(3)	9.736	(0.000)	146	267914	21.173	21.17			1.00	5.00
134) 1,4-Dichlorobenzene	(3)	9.804	(0.000)	146	278223	20.955	20.95			1.00	5.00
140) 1,2-Dichlorobenzene	(3)	10.070	(0.000)	146	266941	21.009	21.01			1.00	5.00

E = CONC. OUT OF CAL. RANGE # = RELATIVE RETENTION TIME OUT OF RANGE

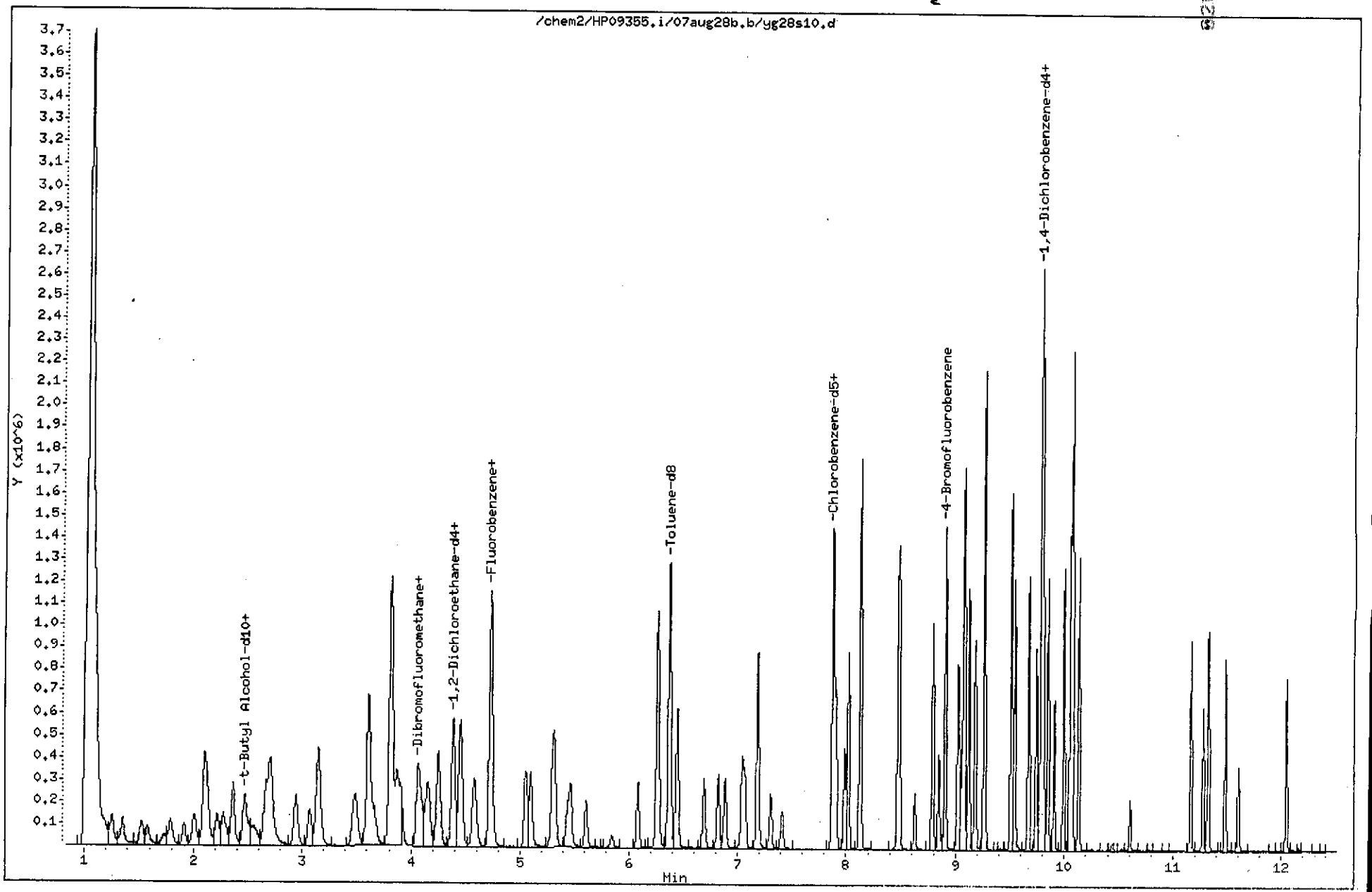
Comments:

Analyst: MSW 2009 Date: 8/31/07

Auditor: 2nd Date: 9/4/07

Data File: /chem2/HP09355.i/07aug28b.b/yg28s10.d
Date : 28-AUG-2007 15:19
Client ID: OS--3HS
Sample Info: OS--3HS;5136506;1;3;HS;;;
Purge Volume: 5.0
Column phase: DB-624

Instrument: HP09355.i
Operator: NRR01826
Column diameter: 0.18



Quant Report

Target Revision 3.5

Data File: /chem2/HP09355.i/07aug28b.b/yg28s10.d Instrument ID: HP09355.i
Injection date and time: 28-AUG-2007 15:19 Analyst ID: NRR01826

Method used: /chem2/HP09355.i/07aug28b.b/Y8260W.m Sublist used: CHEVE
Calibration date and time: 20-JUL-2007 09:25
Date, time and analyst ID of latest file update: 31-Aug-2007 16:10 msw02109

Sample Name: OS--3MS Lab Sample ID: 5136506

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
2) Chloromethane	(1)	1.252	50	158504	19.233
4) Vinyl Chloride	(1)	1.355	62	140036	18.320
5) Bromomethane	(1)	1.525	94	80739	17.935
6) Chloroethane	(1)	1.582	64	78127	18.013
8) Trichlorofluoromethane	(1)	1.797	101	180491	23.149
13) 1,1-Dichloroethene	(1)	2.096	96	86860	22.732
22) Methylene Chloride	(1)	2.471	84	98491	19.641
23)*t-Butyl Alcohol-d10	(4)	2.497	65	174761	250.000
26) trans-1,2-Dichloroethene	(1)	2.702	96	100086	22.830
40) 1,2-Dichloroethene (total)	(1)		96	205936	44.437
30) 1,1-Dichloroethane	(1)	3.068	63	195975	23.389
37) cis-1,2-Dichloroethene	(1)	3.610	96	105850	21.607
46) Chloroform	(1)	3.915	83	181448	23.604
50) 1,1,1-Trichloroethane	(1)	4.095	97	162304	24.816
55) Carbon Tetrachloride	(1)	4.252	117	145690	25.797
59) Benzene	(1)	4.448	78	441878	23.171
61) 1,2-Dichloroethane	(1)	4.461	62	158658	24.681
66)*Fluorobenzene	(1)	4.724	96	888488	50.000
70) Trichloroethene	(1)	5.096	95	106990	23.569
73) 1,2-Dichloropropane	(1)	5.321	63	118879	22.868
79) Bromodichloromethane	(1)	5.606	83	140566	24.217
83) cis-1,3-Dichloropropene	(1)	6.088	75	169978	21.272
89) Toluene	(2)	6.444	92	276565	23.092
91) trans-1,3-Dichloropropene	(2)	6.691	75	163267	21.542
93) 1,1,2-Trichloroethane	(2)	6.887	97	97567	21.094
94) Tetrachloroethene	(2)	7.038	166	117649	21.770
99) Dibromochloromethane	(2)	7.304	129	114321	23.047
102)*Chlorobenzene-d5	(2)	7.875	117	675620	50.000
103) Chlorobenzene	(2)	7.904	112	305961	22.036
105) Ethylbenzene	(2)	8.020	91	516204	21.945
106) m+p-Xylene	(2)	8.129	106	411873	44.075
107) Xylene (Total)	(2)		106	608899	65.342
108) o-Xylene	(2)	8.472	106	197026	21.268
110) Bromoform	(2)	8.626	173	88701	20.489

* = Compound is an internal standard.

Quant Report

Target Revision 3.5

Data File: /chem2/HP09355.i/07aug28b.b/yg28s10.d Instrument ID: HP09355.i
Injection date and time: 28-AUG-2007 15:19 Analyst ID: NRR01826

Method used: /chem2/HP09355.i/07aug28b.b/Y8260W.m Sublist used: CHEVE
Calibration date and time: 20-JUL-2007 09:25
Date, time and analyst ID of latest file update: 31-Aug-2007 16:10 msw02109

Sample Name: OS--3MS Lab Sample ID: 5136506

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
118) 1,1,2,2-Tetrachloroethane	(3)	9.027	83	163832	20.332
131) 1,3-Dichlorobenzene	(3)	9.736	146	267914	21.173
133) *1,4-Dichlorobenzene-d4	(3)	9.784	152	417434	50.000
134) 1,4-Dichlorobenzene	(3)	9.804	146	278223	20.955
140) 1,2-Dichlorobenzene	(3)	10.070	146	266941	21.009
48) $Dibromofluoromethane	(1)	4.063	113	218092	50.861
57) $1,2-Dichloroethane-d4	(1)	4.390	102	53425	45.096
87) $Toluene-d8	(2)	6.373	98	894400	52.789
115) $4-Bromofluorobenzene	(2)	8.902	95	336858	51.709

* = Compound is an internal standard.
$ = Compound is a surrogate standard.

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

OS--3MSD

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 5136507

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: HP09355.i/07aug28b.b/yg28s11.d

Level: (low/med) LOW Date Received: 08/23/07

Moisture: not dec. _____ Date Analyzed: 08/28/07

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
74-87-3	Chloromethane	18	
75-01-4	Vinyl Chloride	18	
74-83-9	Bromomethane	17	
75-00-3	Chloroethane	17	
75-69-4	Trichlorofluoromethane	22	
75-35-4	1,1-Dichloroethene	20	
75-09-2	Methylene Chloride	19	
156-60-5	trans-1,2-Dichloroethene	21	
75-34-3	1,1-Dichloroethane	21	
156-59-2	cis-1,2-Dichloroethene	20	
540-59-0	1,2-Dichloroethene (total)	41	
67-66-3	Chloroform	22	
71-55-6	1,1,1-Trichloroethane	24	
56-23-5	Carbon Tetrachloride	23	
71-43-2	Benzene	21	
107-06-2	1,2-Dichloroethane	22	
79-01-6	Trichloroethene	22	
78-87-5	1,2-Dichloropropane	21	
75-27-4	Bromodichloromethane	22	
110-75-8	2-Chloroethyl Vinyl Ether	10	U
10061-01-5	cis-1,3-Dichloropropene	20	
108-88-3	Toluene	21	
10061-02-6	trans-1,3-Dichloropropene	20	
79-00-5	1,1,2-Trichloroethane	20	
127-18-4	Tetrachloroethene	20	
124-48-1	Dibromochloromethane	21	
108-90-7	Chlorobenzene	20	
100-41-4	Ethylbenzene	20	
XYLENES1314	m+p-Xylene	40	
1330-20-7	Xylene (Total)	60	

0283

FORM I VOA

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

OS--3MSD

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 5136507

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: HP09355.i/07aug28b.b/yg28s11.d

Level: (low/med) LOW Date Received: 08/23/07

Moisture: not dec. _____ Date Analyzed: 08/28/07

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
95-47-6	o-Xylene	20	
75-25-2	Bromoform	19	
79-34-5	1,1,2,2-Tetrachloroethane	19	
541-73-1	1,3-Dichlorobenzene	20	
106-46-7	1,4-Dichlorobenzene	20	
95-50-1	1,2-Dichlorobenzene	20	

6284

FORM I VOA

OS--3MSD

Lancaster Laboratories
Quantitation Report GC/MS Volatiles

5136507

File: /chem2/HP09355.i/07aug28b.b/yg28s11.d
Sample: OS--3MSD;5136507;1;3;MSD;;;
Injected At:28-AUG-2007 15:42
Calibration Time: 20-JUL-2007 09:25
Target Method: Y8260W.m
Blank Reference: yg28b01.d
Sublist: CHEVE

Sample Concentration Formula: On-Column Amount * (Vt/Vo)
Batch:Y072401AA
Analyst:NRR01826
Instrument ID:HP09355.i
Standard Reference: yg28c04.d
Prep Factor:1.00
Units: ug/L

Matrix: WATER
Level: Low
Sample Wt./Vol.: 5.0000 ml (Vo)
Volume Purged: 5.0 ml (Vt)
Bottle Code:38A

Internal Standards	RT(+/-RT)	Scan	QIon	Area(+/- %Area)	Conc(ext)	QC Flag
23) t-Butyl Alcohol-d10	2.491(0.006)	517	65	198968(1)	250.00	
66) Fluorobenzene	4.730(0.003)	1215	96	997175(7)	50.00	
102) Chlorobenzene-d5	7.878(0.000)	2196	117	750436(8)	50.00	
133) 1,4-Dichlorobenzene-d4	9.788(0.000)	2791	152	459433(5)	50.00	

= RETENTION TIME OUT OF RANGE * = INTERNAL STANDARD OUT OF RANGE NC = NOT ABLE TO CALCULATE

Surrogate Standards	I.S. Ref.	RT (+/-RRT)	QIon	Area	Conc. (on column)	%Rec.	QC flags	QC Limits
48) Dibromofluoromethane	(1)	4.069(-0.001)	113	245464	51.005	102%		80 - 116
57) 1,2-Dichloroethane-d4	(1)	4.390(0.000)	102	62189	46.772	94%		77 - 113
87) Toluene-d8	(2)	6.377(0.000)	98	1002015	53.244	106%		80 - 113
115) 4-Bromofluorobenzene	(2)	8.902(0.000)	95	372515	51.481	103%		78 - 113

= RELATIVE RETENTION TIME OUT OF RANGE * = PERCENT REC.OUT OF RANGE D = DILUTED OUT NC = NOT ABLE TO CALCULATE

Target Compounds	I.S. Ref.	RT (+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit	LOQ
2) Chloromethane	(1)	1.262(0.000)	50	168020	18.166	18.17			1.00	5.00
4) Vinyl Chloride	(1)	1.358(0.002)	62	150521	17.546	17.55			1.00	5.00
5) Bromomethane	(1)	1.538(0.000)	94	84222	16.669	16.67			1.00	5.00
6) Chloroethane	(1)	1.592(0.000)	64	81547	16.752	16.75			1.00	5.00
8) Trichlorofluoromethane	(1)	1.804(0.000)	101	192070	21.949	21.95			2.00	5.00
13) 1,1-Dichloroethene	(1)	2.109(0.000)	96	87645	20.437	20.44			0.80	5.00
22) Methylene Chloride	(1)	2.478(0.001)	84	106235	18.877	18.88			2.00	5.00
26) trans-1,2-Dichloroethene	(1)	2.712(0.000)	96	105284	21.398	21.40			0.80	5.00
40) 1,2-Dichloroethene (total)	(1)		96	214703	41.299	41.30			0.80	5.00
30) 1,1-Dichloroethane	(1)	3.081(-0.001)	63	198390	21.097	21.10			1.00	5.00
37) cis-1,2-Dichloroethene	(1)	3.614(-0.001)	96	109419	19.901	19.90			0.80	5.00
46) Chloroform	(1)	3.919(-0.001)	83	189079	21.916	21.92			0.80	5.00
50) 1,1,1-Trichloroethane	(1)	4.098(-0.001)	97	172500	23.500	23.50			0.80	5.00
55) Carbon Tetrachloride	(1)	4.262(-0.001)	117	146758	23.154	23.15			1.00	5.00
59) Benzene	(1)	4.451(0.000)	78	450259	21.037	21.04			0.50	5.00
61) 1,2-Dichloroethane	(1)	4.467(-0.001)	62	158828	22.014	22.01			1.00	5.00
70) Trichloroethene	(1)	5.096(0.000)	95	110485	21.686	21.69			1.00	5.00
73) 1,2-Dichloropropane	(1)	5.321(-0.001)	63	123263	21.127	21.13			1.00	5.00
79) Bromodichloromethane	(1)	5.616(-0.001)	83	142999	21.951	21.95			1.00	5.00
82) 2-Chloroethyl Vinyl Ether	(1)				ND	ND			2.00	10.00
83) cis-1,3-Dichloropropene	(1)	6.088(-0.002)	75	176391	19.669	19.67			1.00	5.00
89) Toluene	(2)	6.447(0.000)	92	281898	21.190	21.19			0.70	5.00
91) trans-1,3-Dichloropropene	(2)	6.691(0.000)	75	168479	20.014	20.01			1.00	5.00
93) 1,1,2-Trichloroethane	(2)	6.887(0.000)	97	100661	19.593	19.59			0.80	5.00

E = CONC. OUT OF CAL. RANGE # = RELATIVE RETENTION TIME OUT OF RANGE

OS--3MSD

Lancaster Laboratories
Quantitation Report GC/MS Volatiles

5136507

File: /chem2/HP09355.i/07aug28b.b/yg28s11.d
Sample: OS--3MSD;5136507;1;3;MSD;;;
Injected At:28-AUG-2007 15:42
Calibration Time: 20-JUL-2007 09:25
Target Method: Y8260W.m
Blank Reference: yg28b01.d
Sublist: CHEVE

Sample Concentration Formula: On-Column Amount * (Vt/Vo)
Batch:Y072401AA
Analyst:NRR01826
Instrument ID:HP09355.i
Standard Reference: yg28c04.d
Prep Factor:1.00
Units: ug/L

Matrix: WATER
Level: Low
Sample Wt./Vol.: 5.0000 ml (Vo)
Volume Purged: 5.0 ml (Vt)

Bottle Code:38A

Target Compounds	I.S. Ref.	RT	(+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit	LOQ
94) Tetrachloroethene	(2)	7.041	(0.000)	166	120664	20.101	20.10			0.80	5.00
99) Dibromochloromethane	(2)	7.304	(0.000)	129	118431	21.495	21.50			1.00	5.00
103) Chlorobenzene	(2)	7.904	(0.000)	112	311185	20.178	20.18			0.80	5.00
105) Ethylbenzene	(2)	8.020	(0.000)	91	528438	20.225	20.23			0.80	5.00
106) m+p-Xylene	(2)	8.129	(0.000)	106	420151	40.478	40.48			0.80	5.00
107) Xylene (Total)	(2)			106	622073	60.101	60.10			0.80	5.00
108) o-Xylene	(2)	8.475	(0.000)	106	201922	19.623	19.62			0.80	5.00
110) Bromoform	(2)	8.626	(0.000)	173	90398	18.800	18.80			1.00	5.00
118) 1,1,2,2-Tetrachloroethane	(3)	9.030	(0.000)	83	170456	19.221	19.22			1.00	5.00
131) 1,3-Dichlorobenzene	(3)	9.740	(0.000)	146	273957	19.671	19.67			1.00	5.00
134) 1,4-Dichlorobenzene	(3)	9.804	(0.000)	146	285035	19.506	19.51			1.00	5.00
140) 1,2-Dichlorobenzene	(3)	10.070	(0.000)	146	278712	19.931	19.93			1.00	5.00

E = CONC. OUT OF CAL. RANGE # = RELATIVE RETENTION TIME OUT OF RANGE

Comments: _____

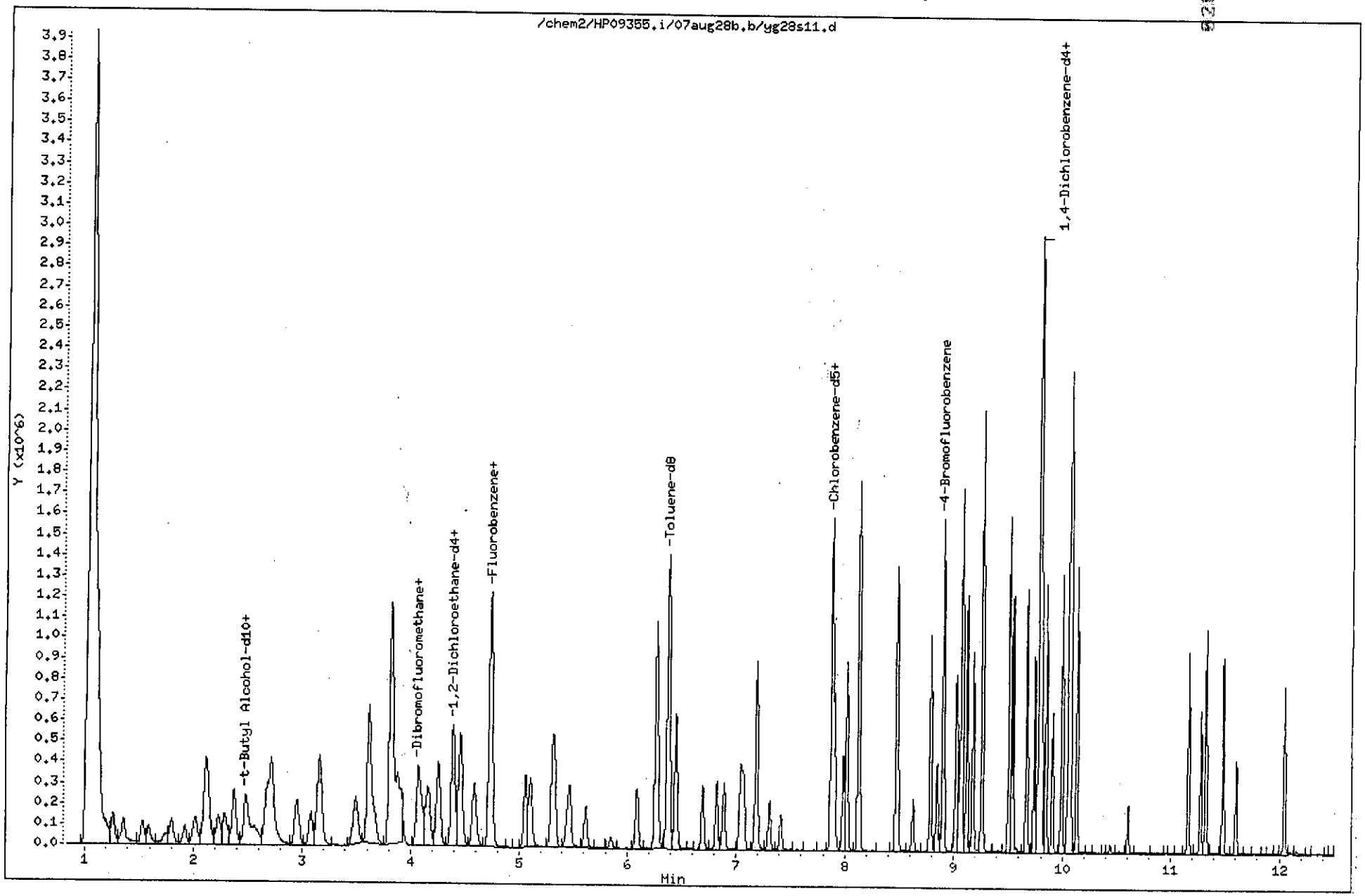
Analyst: MKS 2nd Date: 8/31/07

Auditor: RRM 2nd Date: 9/4/07

Data File: /chem2/HP09355.i/07aug28b.b/yg28s11.d
Date : 28-AUG-2007 15:42
Client ID: OS--3HSD
Sample Info: OS--3HSD;5136507;1;3;HSD;;;
Purge Volume: 5.0
Column phase: DB-624

Instrument: HP09355.i

Operator: HRR01826
Column diameter: 0.18



Quant Report

Target Revision 3.5

Data File: /chem2/HP09355.i/07aug28b.b/yg28s11.d Instrument ID: HP09355.i
Injection date and time: 28-AUG-2007 15:42 Analyst ID: NRR01826

Method used: /chem2/HP09355.i/07aug28b.b/Y8260W.m Sublist used: CHEVE
Calibration date and time: 20-JUL-2007 09:25
Date, time and analyst ID of latest file update: 31-Aug-2007 16:10 msw02109

Sample Name: OS--3MSD Lab Sample ID: 5136507

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
2) Chloromethane	(1)	1.262	50	168020	18.166
4) Vinyl Chloride	(1)	1.358	62	150521	17.546
5) Bromomethane	(1)	1.538	94	84222	16.669
6) Chloroethane	(1)	1.592	64	81547	16.752
8) Trichlorofluoromethane	(1)	1.804	101	192070	21.949
13) 1,1-Dichloroethene	(1)	2.109	96	87645	20.437
22) Methylene Chloride	(1)	2.478	84	106235	18.877
23)*t-Butyl Alcohol-d10	(4)	2.491	65	198968	250.000
26) trans-1,2-Dichloroethene	(1)	2.712	96	105284	21.398
40) 1,2-Dichloroethene (total)	(1)		96	214703	41.299
30) 1,1-Dichloroethane	(1)	3.081	63	198390	21.097
37) cis-1,2-Dichloroethene	(1)	3.614	96	109419	19.901
46) Chloroform	(1)	3.919	83	189079	21.916
50) 1,1,1-Trichloroethane	(1)	4.098	97	172500	23.500
55) Carbon Tetrachloride	(1)	4.262	117	146758	23.154
59) Benzene	(1)	4.451	78	450259	21.037
61) 1,2-Dichloroethane	(1)	4.467	62	158828	22.014
66)*Fluorobenzene	(1)	4.730	96	997175	50.000
70) Trichloroethene	(1)	5.096	95	110485	21.686
73) 1,2-Dichloropropane	(1)	5.321	63	123263	21.127
79) Bromodichloromethane	(1)	5.616	83	142999	21.951
83) cis-1,3-Dichloropropene	(1)	6.088	75	176391	19.669
89) Toluene	(2)	6.447	92	281898	21.190
91) trans-1,3-Dichloropropene	(2)	6.691	75	168479	20.014
93) 1,1,2-Trichloroethane	(2)	6.887	97	100661	19.593
94) Tetrachloroethene	(2)	7.041	166	120664	20.101
99) Dibromochloromethane	(2)	7.304	129	118431	21.495
102)*Chlorobenzene-d5	(2)	7.878	117	750436	50.000
103) Chlorobenzene	(2)	7.904	112	311185	20.178
105) Ethylbenzene	(2)	8.020	91	528438	20.225
106) m+p-Xylene	(2)	8.129	106	420151	40.478
107) Xylene (Total)	(2)		106	622073	60.101
108) o-Xylene	(2)	8.475	106	201922	19.623
110) Bromoform	(2)	8.626	173	90398	18.800

* = Compound is an internal standard.

8260

Quant Report

Target Revision 3.5

Data File: /chem2/HP09355.i/07aug28b.b/yg28s11.d Instrument ID: HP09355.i
Injection date and time: 28-AUG-2007 15:42 Analyst ID: NRR01826

Method used: /chem2/HP09355.i/07aug28b.b/Y8260W.m Sublist used: CHEVE
Calibration date and time: 20-JUL-2007 09:25
Date, time and analyst ID of latest file update: 31-Aug-2007 16:10 msw02109

Sample Name: OS--3MSD Lab Sample ID: 5136507

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
118) 1,1,2,2-Tetrachloroethane	(3)	9.030	83	170456	19.221
131) 1,3-Dichlorobenzene	(3)	9.740	146	273957	19.671
133)*1,4-Dichlorobenzene-d4	(3)	9.788	152	459433	50.000
134) 1,4-Dichlorobenzene	(3)	9.804	146	285035	19.506
140) 1,2-Dichlorobenzene	(3)	10.070	146	278712	19.931
48)$Dibromofluoromethane	(1)	4.069	113	245464	51.005
57)$1,2-Dichloroethane-d4	(1)	4.390	102	62189	46.772
87)$Toluene-d8	(2)	6.377	98	1002015	53.244
115)$4-Bromofluorobenzene	(2)	8.902	95	372515	51.481

* = Compound is an internal standard.
$ = Compound is a surrogate standard.

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

LCSY58

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: LCSY58

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: HP09355.i/07aug28b.b/yg28l01.d

Level: (low/med) LOW Date Received:

Moisture: not dec. _____ Date Analyzed: 08/28/07

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	19	
74-87-3	Chloromethane	17	
75-01-4	Vinyl Chloride	16	
74-83-9	Bromomethane	16	
75-00-3	Chloroethane	16	
75-69-4	Trichlorofluoromethane	18	
60-29-7	Ethyl Ether	17	
107-02-8	Acrolein	120	
75-35-4	1,1-Dichloroethene	20	
67-64-1	Acetone	190	
76-13-1	Freon 113	18	
74-88-4	Methyl Iodide	19	
67-63-0	2-Propanol	150	
75-15-0	Carbon Disulfide	19	
107-05-1	Allyl Chloride	20	
79-20-9	Methyl Acetate	20	
75-09-2	Methylene Chloride	20	
75-65-0	t-Butyl Alcohol	210	
107-13-1	Acrylonitrile	89	
156-60-5	trans-1,2-Dichloroethene	21	
1634-04-4	Methyl Tertiary Butyl Ether	20	
110-54-3	n-Hexane	20	
75-34-3	1,1-Dichloroethane	21	
108-20-3	di-Isopropyl Ether	21	
126-99-8	2-Chloro-1,3-Butadiene	20	
637-92-3	Ethyl t-Butyl Ether	20	
156-59-2	cis-1,2-Dichloroethene	20	
78-93-3	2-Butanone	160	
594-20-7	2,2-Dichloropropane	22	
540-59-0	1,2-Dichloroethene (total)	41	

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FORM I VOA

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

LCSY58

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: LCSY58

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: HP09355.i/07aug28b.b/yg28l01.d

Level: (low/med) LOW Date Received:

Moisture: not dec. _____ Date Analyzed: 08/28/07

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
107-12-0	Propionitrile	170	
126-98-7	Methacrylonitrile	150	
74-97-5	Bromochloromethane	20	
109-99-9	Tetrahydrofuran	110	
67-66-3	Chloroform	22	
71-55-6	1,1,1-Trichloroethane	22	
110-82-7	Cyclohexane	21	
563-58-6	1,1-Dichloropropene	21	
56-23-5	Carbon Tetrachloride	22	
78-83-1	Isobutyl Alcohol	570	
71-43-2	Benzene	21	
107-06-2	1,2-Dichloroethane	23	
994-05-8	t-Amyl Methyl Ether	20	
142-82-5	n-Heptane	20	
71-36-3	n-Butanol	1100	
79-01-6	Trichloroethene	22	
108-87-2	Methylcyclohexane	20	
78-87-5	1,2-Dichloropropane	21	
74-95-3	Dibromomethane	22	
80-62-6	Methyl Methacrylate	21	
123-91-1	1,4-Dioxane	550	
75-27-4	Bromodichloromethane	22	
79-46-9	2-Nitropropane	20	
110-75-8	2-Chloroethyl Vinyl Ether	20	
10061-01-5	cis-1,3-Dichloropropene	21	
108-10-1	4-Methyl-2-Pentanone	99	
108-88-3	Toluene	21	
10061-02-6	trans-1,3-Dichloropropene	21	
97-63-2	Ethyl Methacrylate	20	
79-00-5	1,1,2-Trichloroethane	21	

0291

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

LCSY58

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: LCSY58

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: HP09355.i/07aug28b.b/yg28l01.d

Level: (low/med) LOW Date Received:

Moisture: not dec. _____ Date Analyzed: 08/28/07

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
127-18-4	Tetrachloroethene	20	
142-28-9	1,3-Dichloropropane	21	
591-78-6	2-Hexanone	110	
124-48-1	Dibromochloromethane	22	
106-93-4	1,2-Dibromoethane	21	
108-90-7	Chlorobenzene	21	
630-20-6	1,1,1,2-Tetrachloroethane	21	
100-41-4	Ethylbenzene	20	
1330-20-7	m+p-Xylene	41	
1330-20-7	Xylene (Total)	61	
95-47-6	o-Xylene	20	
100-42-5	Styrene	20	
75-25-2	Bromoform	20	
98-82-8	Isopropylbenzene	20	
108-94-1	Cyclohexanone	600	
108-86-1	Bromobenzene	21	
79-34-5	1,1,2,2-Tetrachloroethane	20	
96-18-4	1,2,3-Trichloropropane	22	
110-57-6	trans-1,4-Dichloro-2-Butene	110	
103-65-1	n-Propylbenzene	21	
95-49-8	2-Chlorotoluene	20	
108-67-8	1,3,5-Trimethylbenzene	20	
106-43-4	4-Chlorotoluene	20	
98-06-6	tert-Butylbenzene	20	
76-01-7	Pentachloroethane	19	
95-63-6	1,2,4-Trimethylbenzene	21	
135-98-8	sec-Butylbenzene	20	
541-73-1	1,3-Dichlorobenzene	20	
99-87-6	p-Isopropyltoluene	20	
106-46-7	1,4-Dichlorobenzene	20	

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1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

LCSY58

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: LCSY58

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: HP09355.i/07aug28b.b/yg28l01.d

Level: (low/med) LOW Date Received:

Moisture: not dec. _____ Date Analyzed: 08/28/07

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
526-73-8	1,2,3-Trimethylbenzene	21	
100-44-7	Benzyl Chloride	19	
141-93-5	1,3-Diethylbenzene	20	
105-05-5	1,4-Diethylbenzene	21	
104-51-8	n-Butylbenzene	20	
95-50-1	1,2-Dichlorobenzene	20	
135-01-3	1,2-Diethylbenzene	21	
96-12-8	1,2-Dibromo-3-Chloropropane	22	
120-82-1	1,2,4-Trichlorobenzene	19	
87-68-3	Hexachlorobutadiene	19	
91-20-3	Naphthalene	20	
87-61-6	1,2,3-Trichlorobenzene	20	
91-57-6	2-Methylnaphthalene	18	
25340-17-4	Diethylbenzene (total)	62	

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FORM I VOA

LCSY58

Lancaster Laboratories
Quantitation Report GC/MS Volatiles

LCSY58

File: /chem2/HP09355.i/07aug28b.b/yg28l01.d
Sample: LCSY58;LCSY58;1;3;LCS;;;
Injected At:28-AUG-2007 10:53
Calibration Time: 20-JUL-2007 09:25
Target Method: Y8260W.m
Blank Reference: yg28b01.d
Sublist: 8260WICAL-2

Sample Concentration Formula: On-Column Amount * (Vt/Vo)
Batch:Y072401AA
Analyst:NRR01826
Instrument ID:HP09355.i
Standard Reference: yg28c04.d
Prep Factor:1.00
Units: ug/L

Matrix: WATER
Level: Low
Sample Wt./Vol.: 5.0000 ml (Vo)
Volume Purged: 5.0 ml (Vt)
Bottle Code:

Internal Standards	RT(+/-RT)	Scan	QIon	Area(+/- %Area)	Conc(ext)	QC Flag
23) t-Butyl Alcohol-d10	2.491(0.006)	517	65	182355(-8)	250.00	
66) Fluorobenzene	4.727(0.006)	1214	96	967223(4)	50.00	
102) Chlorobenzene-d5	7.875(0.003)	2195	117	727521(4)	50.00	
133) 1,4-Dichlorobenzene-d4	9.785(0.003)	2790	152	443487(2)	50.00	

= RETENTION TIME OUT OF RANGE * = INTERNAL STANDARD OUT OF RANGE NC = NOT ABLE TO CALCULATE

Surrogate Standards	I.S. Ref.	RT (+/-RRT)	QIon	Area	Conc. (on column)	%Rec.	QC flags	QC Limits
48) Dibromofluoromethane	(1)	4.066(-0.001)	113	233451	50.011	100%		80 - 116
57) 1,2-Dichloroethane-d4	(1)	4.390(-0.001)	102	60394	46.828	94%		77 - 113
87) Toluene-d8	(2)	6.374(0.000)	98	978559	53.635	107%		80 - 113
115) 4-Bromofluorobenzene	(2)	8.902(0.000)	95	361474	51.529	103%		78 - 113

= RELATIVE RETENTION TIME OUT OF RANGE * = PERCENT REC.OUT OF RANGE D = DILUTED OUT NC = NOT ABLE TO CALCULATE

Target Compounds	I.S. Ref.	RT (+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit	LOQ
1) Dichlorodifluoromethane	(1)	1.182(0.002)	85	126891	18.627	18.63			2.00	5.00
2) Chloromethane	(1)	1.255(0.002)	50	148032	16.500	16.50			1.00	5.00
4) Vinyl Chloride	(1)	1.352(0.004)	62	129614	15.577	15.58			1.00	5.00
5) Bromomethane	(1)	1.525(0.002)	94	76541	15.618	15.62			1.00	5.00
6) Chloroethane	(1)	1.583(0.002)	64	76546	16.212	16.21			1.00	5.00
8) Trichlorofluoromethane	(1)	1.794(0.002)	101	155571	18.329	18.33			2.00	5.00
10) Ethyl Ether	(1)	1.916(0.001)	59	94967	17.469	17.47			2.00	5.00
11) Acrolein	(4)	2.016(0.002)	56	188531	118.475	118.48			40.00	100.00
13) 1,1-Dichloroethene	(1)	2.099(0.002)	96	81326	19.551	19.55			0.80	5.00
15) Freon 113	(1)	2.128(0.002)	101	75339	18.487	18.49			2.00	10.00
14) Acetone	(1)	2.122(0.000)	43	480819	186.288	186.29			6.00	20.00
16) Methyl Iodide	(1)	2.221(0.001)	142	153188	18.629	18.63			1.00	5.00
17) 2-Propanol	(4)	2.212(0.002)	45	90086	153.486	153.49			50.00	100.00
18) Carbon Disulfide	(1)	2.279(0.003)	76	278944	18.692	18.69			1.00	5.00
20) Allyl Chloride	(1)	2.366(0.002)	41	181315	20.252	20.25			1.00	5.00
21) Methyl Acetate	(1)	2.372(0.001)	43	128792	20.378	20.38			1.00	5.00
22) Methylene Chloride	(1)	2.471(0.002)	84	108029	19.790	19.79			2.00	5.00
24) t-Butyl Alcohol	(4)	2.555(0.005)	59	173097	208.479	208.48			10.00	80.00
25) Acrylonitrile	(1)	2.664(0.001)	53	293476	88.503	88.50			4.00	20.00
26) trans-1,2-Dichloroethene	(1)	2.703(0.002)	96	99332	20.814	20.81			0.80	5.00
27) Methyl Tertiary Butyl Ether	(1)	2.712(0.002)	73	347150	20.223	20.22			0.50	5.00
29) n-Hexane	(1)	2.946(0.001)	57	127795	19.826	19.83			2.00	5.00
40) 1,2-Dichloroethene (total)	(1)		96	208075	41.204	41.20			0.80	5.00
30) 1,1-Dichloroethane	(1)	3.072(0.000)	63	194450	21.318	21.32			1.00	5.00

E = CONC. OUT OF CAL. RANGE # = RELATIVE RETENTION TIME OUT OF RANGE

Lancaster Laboratories
Quantitation Report GC/MS Volatiles

LCSY58

File: /chem2/HP09355.i/07aug28b.b/yg28101.d
Sample: LCSY58;LCSY58;1;3;LCS;;;
Injected At:28-AUG-2007 10:53
Calibration Time: 20-JUL-2007 09:25
Target Method: Y8260W.m
Blank Reference: yg28b01.d
Sublist: 8260W1CAL-2

Sample Concentration Formula: On-Column Amount * (Vt/Vo)
Batch:Y072401AA
Analyst:NRR01826
Instrument ID:HP09355.i
Standard Reference: yg28c04.d
Prep Factor:1.00
Units: ug/L

Matrix: WATER
Level: Low
Sample Wt./Vol.: 5.0000 ml (Vo)
Volume Purged: 5.0 ml (Vt)
Bottle Code:

Target Compounds	I.S. Ref.	RT	(+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit	LOQ
32) di-Isopropyl Ether	(1)	3.149	(0.002)	45	398547	20.828	20.83			0.80	5.00
33) 2-Chloro-1,3-Butadiene	(1)	3.155	(0.002)	53	145281	20.381	20.38			1.00	5.00
36) Ethyl t-Butyl Ether	(1)	3.486	(0.001)	59	347588	20.379	20.38			0.80	5.00
37) cis-1,2-Dichloroethene	(1)	3.607	(0.000)	96	108743	20.390	20.39			0.80	5.00
38) 2-Butanone	(1)	3.614	(0.001)	43	685872	163.509	163.51			3.00	10.00
39) 2,2-Dichloropropane	(1)	3.623	(-0.001)	77	159701	21.822	21.82			1.00	5.00
41) Propionitrile	(4)	3.668	(-0.002)	54	182203	169.666	169.67			30.00	100.00
43) Methacrylonitrile	(1)	3.810	(0.002)	67	471304	152.028	152.03			10.00	50.00
44) Bromochloromethane	(1)	3.832	(0.000)	128	55801	20.465	20.47			1.00	5.00
45) Tetrahydrofuran	(4)	3.874	(-0.001)	71	99272	108.062	108.06			4.00	10.00
46) Chloroform	(1)	3.912	(0.000)	83	183943	21.981	21.98			0.80	5.00
50) 1,1,1-Trichloroethane	(1)	4.095	(0.000)	97	158776	22.300	22.30			0.80	5.00
51) Cyclohexane	(1)	4.153	(0.002)	56	176343	21.330	21.33			2.00	5.00
54) 1,1-Dichloropropene	(1)	4.249	(-0.001)	75	141314	20.602	20.60			1.00	5.00
55) Carbon Tetrachloride	(1)	4.262	(-0.001)	117	137135	22.306	22.31			1.00	5.00
56) Isobutyl Alcohol	(4)	4.381	(-0.004)	41	162522	569.686	569.69			100.00	250.00
59) Benzene	(1)	4.451	(-0.001)	78	437109	21.055	21.05			0.50	5.00
61) 1,2-Dichloroethane	(1)	4.461	(0.000)	62	158255	22.614	22.61			1.00	5.00
64) t-Amyl Methyl Ether	(1)	4.583	(-0.001)	73	335181	20.436	20.44			0.80	5.00
67) n-Heptane	(1)	4.740	(-0.002)	43	142372	19.792	19.79			2.00	5.00
69) n-Butanol	(4)	5.048	(-0.004)	56	254321	1057.466	1057.47			100.00	250.00
70) Trichloroethene	(1)	5.100	(-0.001)	95	106676	21.587	21.59			1.00	5.00
73) 1,2-Dichloropropane	(1)	5.318	(-0.001)	63	119796	21.168	21.17			1.00	5.00
72) Methylcyclohexane	(1)	5.299	(-0.001)	83	155718	20.392	20.39			1.00	5.00

E = CONC. OUT OF CAL. RANGE # = RELATIVE RETENTION TIME OUT OF RANGE

8295

Lancaster Laboratories
Quantitation Report GC/MS Volatiles

LCSY58

File: /chem2/HP09355.i/07aug28b.b/yg28l01.d
Sample: LCSY58;LCSY58;1;3;LCS;;;
Injected At:28-AUG-2007 10:53
Calibration Time: 20-JUL-2007 09:25
Target Method: Y8260W.m
Blank Reference: yg28b01.d
Sublist: 8260WICAL-2

Sample Concentration Formula: On-Column Amount * (Vt/Vo)
Batch:Y072401AA
Analyst:NRR01826
Instrument ID:HP09355.i
Standard Reference: yg28c04.d
Prep Factor:1.00
Units: ug/L

Matrix: WATER
Level: Low
Sample Wt./Vol.: 5.0000 ml (Vo)
Volume Purged: 5.0 ml (Vt)
Bottle Code:

Target Compounds	I.S. Ref.	RT	(+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit	LOQ
75) Methyl Methacrylate	(1)	5.469	(-0.002)	69	101096	20.539	20.54			1.00	5.00
74) Dibromomethane	(1)	5.433	(0.000)	93	74045	21.863	21.86			1.00	5.00
76) 1,4-Dioxane	(4)	5.462	(-0.006)	88	39476	552.284	552.28			70.00	250.00
79) Bromodichloromethane	(1)	5.613	(-0.002)	83	139786	22.122	22.12			1.00	5.00
81) 2-Nitropropane	(1)	5.847	(-0.001)	41	39036	20.267	20.27			2.00	10.00
82) 2-Chloroethyl Vinyl Ether	(1)	5.944	(-0.001)	63	84731	19.707	19.71			2.00	10.00
83) cis-1,3-Dichloropropene	(1)	6.088	(-0.002)	75	178970	20.574	20.57			1.00	5.00
84) 4-Methyl-2-Pentanone	(1)	6.264	(-0.001)	43	871106	98.865	98.87			3.00	10.00
89) Toluene	(2)	6.447	(0.000)	92	276162	21.413	21.41			0.70	5.00
91) trans-1,3-Dichloropropene	(2)	6.691	(0.000)	75	172922	21.188	21.19			1.00	5.00
92) Ethyl Methacrylate	(2)	6.820	(0.000)	69	166966	19.584	19.58			1.00	5.00
93) 1,1,2-Trichloroethane	(2)	6.884	(0.000)	97	102435	20.566	20.57			0.80	5.00
94) Tetrachloroethene	(2)	7.044	(-0.001)	166	115403	19.831	19.83			0.80	5.00
95) 1,3-Dichloropropane	(2)	7.063	(0.000)	76	184198	20.748	20.75			1.00	5.00
97) 2-Hexanone	(2)	7.179	(0.000)	43	664523	105.452	105.45			3.00	10.00
99) Dibromochloromethane	(2)	7.301	(0.000)	129	118775	22.237	22.24			1.00	5.00
101) 1,2-Dibromoethane	(2)	7.410	(0.000)	107	112405	21.005	21.00			1.00	5.00
103) Chlorobenzene	(2)	7.901	(0.000)	112	307380	20.559	20.56			0.80	5.00
104) 1,1,1,2-Tetrachloroethane	(2)	7.984	(0.000)	131	110647	20.886	20.89			1.00	5.00
105) Ethylbenzene	(2)	8.016	(0.000)	91	514317	20.305	20.30			0.80	5.00
106) m+p-Xylene	(2)	8.129	(0.000)	106	408728	40.618	40.62			0.80	5.00
107) Xylene (Total)	(2)			106	607673	60.561	60.56			0.80	5.00
108) o-Xylene	(2)	8.472	(0.000)	106	198945	19.943	19.94			0.80	5.00
109) Styrene	(2)	8.485	(0.000)	104	326907	19.581	19.58			1.00	5.00

E = CONC. OUT OF CAL. RANGE # = RELATIVE RETENTION TIME OUT OF RANGE

Lancaster Laboratories
Quantitation Report GC/MS Volatiles

LCSY58

File: /chem2/HP09355.i/07aug28b.b/yg28l01.d
Sample: LCSY58;LCSY58;1;3;LCS;;;
Injected At:28-AUG-2007 10:53
Calibration Time: 20-JUL-2007 09:25
Target Method: Y8260W.m
Blank Reference: yg28b01.d
Sublist: 8260WICAL-2

Sample Concentration Formula: On-Column Amount * (Vt/Vo)
Batch:Y072401AA
Analyst:NRR01826
Instrument ID:HP09355.i
Standard Reference: yg28c04.d
Prep Factor:1.00
Units: ug/L

Matrix: WATER
Level: Low
Sample Wt./Vol.: 5.0000 ml (Vo)
Volume Purged: 5.0 ml (Vt)
Bottle Code:

Target Compounds	I.S. Ref.	RT	(+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit	LOQ
110) Bromoform	(2)	8.629	(-0.001)	173	92601	19.864	19.86			1.00	5.00
112) Isopropylbenzene	(2)	8.790	(0.000)	105	506800	19.922	19.92			1.00	5.00
114) Cyclohexanone	(4)	8.844	(-0.008)	55	175771	601.377	601.38			55.00	250.00
118) 1,1,2,2-Tetrachloroethane	(3)	9.027	(0.000)	83	174623	20.398	20.40			1.00	5.00
120) trans-1,4-Dichloro-2-Butene	(3)	9.072	(0.000)	53	280582	105.370	105.37			15.00	50.00
117) Bromobenzene	(3)	9.014	(0.000)	156	141861	20.507	20.51			1.00	5.00
119) 1,2,3-Trichloropropane	(3)	9.053	(0.000)	110	52736	21.798	21.80			1.00	5.00
121) n-Propylbenzene	(3)	9.117	(0.000)	91	649893	20.977	20.98			1.00	5.00
122) 2-Chlorotoluene	(3)	9.175	(0.000)	126	132347	20.371	20.37			1.00	5.00
123) 1,3,5-Trimethylbenzene	(3)	9.258	(0.000)	105	454917	20.218	20.22			1.00	5.00
124) 4-Chlorotoluene	(3)	9.258	(0.000)	126	136523	20.223	20.22			1.00	5.00
127) tert-Butylbenzene	(3)	9.505	(0.000)	134	106293	20.005	20.00			1.00	5.00
128) Pentachloroethane	(3)	9.512	(0.000)	167	90424	19.467	19.47			1.00	5.00
129) 1,2,4-Trimethylbenzene	(3)	9.537	(0.000)	105	471892	20.525	20.52			1.00	5.00
130) sec-Butylbenzene	(3)	9.666	(0.000)	105	579584	20.138	20.14			1.00	5.00
132) p-Isopropyltoluene	(3)	9.775	(0.000)	119	507025	19.914	19.91			1.00	5.00
131) 1,3-Dichlorobenzene	(3)	9.736	(0.000)	146	272942	20.303	20.30			1.00	5.00
134) 1,4-Dichlorobenzene	(3)	9.804	(0.000)	146	283110	20.070	20.07			1.00	5.00
135) 1,2,3-Trimethylbenzene	(3)	9.846	(0.000)	105	484061	20.567	20.57			1.00	5.00
136) Benzyl Chloride	(3)	9.903	(0.000)	91	348613	18.664	18.66			1.00	5.00
137) 1,3-Diethylbenzene	(3)	9.990	(0.000)	105	302643	20.462	20.46			1.00	5.00
138) 1,4-Diethylbenzene	(3)	10.051	(0.000)	105	301155	20.656	20.66			1.00	5.00
139) n-Butylbenzene	(3)	10.067	(0.000)	92	259527	19.744	19.74			1.00	5.00
140) 1,2-Dichlorobenzene	(3)	10.070	(0.000)	146	270575	20.044	20.04			1.00	5.00

E = CONC. OUT OF CAL. RANGE # = RELATIVE RETENTION TIME OUT OF RANGE

Lancaster Laboratories
Quantitation Report GC/MS Volatiles

LCSY58

File: /chem2/HP09355.i/07aug28b.b/yg28101.d
Sample: LCSY58;LCSY58;1;3;LCS;;;
Injected At:28-AUG-2007 10:53
Calibration Time: 20-JUL-2007 09:25
Target Method: Y8260W.m
Blank Reference: yg28b01.d
Sublist: 8260WICAL-2

Sample Concentration Formula: On-Column Amount * (Vt/Vo)
Batch:Y072401AA
Analyst:NRR01826
Instrument ID:HP09355.i
Standard Reference: yg28c04.d
Prep Factor:1.00
Units: ug/L

Matrix: WATER
Level: Low
Sample Wt./Vol.: 5.0000 ml (Vo)
Volume Purged: 5.0 ml (Vt)
Bottle Code:

Target Compounds	I.S. Ref.	RT	(+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit	LOQ
141) 1,2-Diethylbenzene	(3)	10.131	(0.000)	105	293552	20.521	20.52			1.00	5.00
143) 1,2-Dibromo-3-Chloropropane	(3)	10.606	(0.000)	75	39797	21.552	21.55			2.00	5.00
145) 1,2,4-Trichlorobenzene	(3)	11.161	(0.000)	180	203094	19.387	19.39			1.00	5.00
146) Hexachlorobutadiene	(3)	11.277	(0.000)	225	85819	18.808	18.81			2.00	5.00
147) Naphthalene	(3)	11.322	(0.000)	128	575119	19.834	19.83			1.00	5.00
148) 1,2,3-Trichlorobenzene	(3)	11.479	(0.000)	180	203503	20.334	20.33			1.00	5.00
150) 2-Methylnaphthalene	(3)	12.040	(0.000)	142	253217	17.645	17.64			2.00	5.00

E = CONC. OUT OF CAL. RANGE # = RELATIVE RETENTION TIME OUT OF RANGE

Comments: _____

Analyst: NRR 1826 Date: 8/29/07

Auditor: RRM 2nd Date: 8/30/07

8298

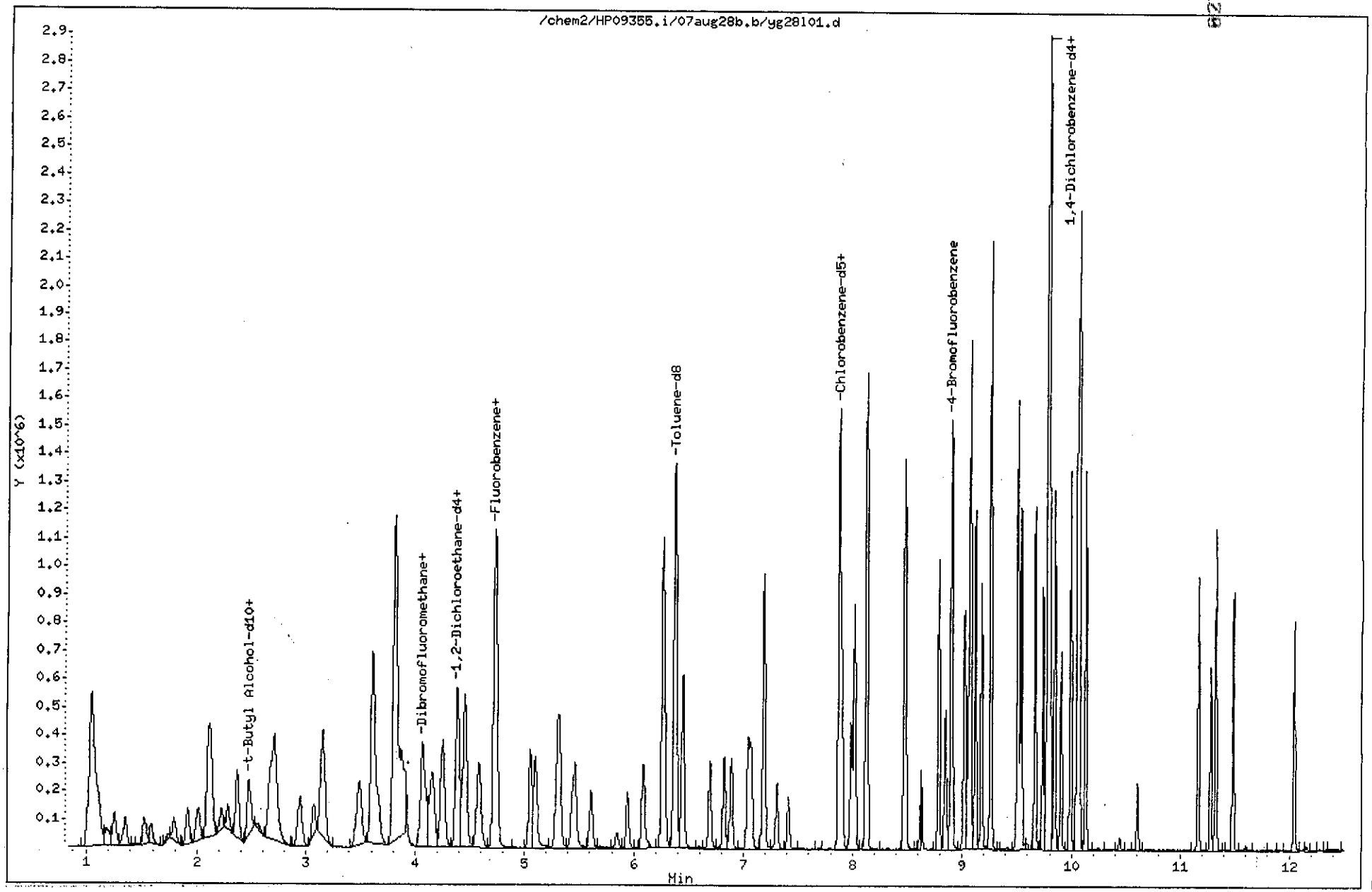
Data File: /chem2/HP09355.i/07aug28b.b/yg28101.d
Date : 28-AUG-2007 10:53
Client ID: LCSY58
Sample Info: LCSY58;LCSY58;1;3;LCS;;;
Purge Volume: 5.0
Column phase: DB-624

NRR 1826 8/28/07

Instrument: HP09355.i

Operator: NRR01826
Column diameter: 0.18

6295



Quant Report

Target Revision 3.5

Data File: /chem2/HP09355.i/07aug28b.b/yg28l01.d Instrument ID: HP09355.i
Injection date and time: 28-AUG-2007 10:53 Analyst ID: NRR01826

Method used: /chem2/HP09355.i/07aug28b.b/Y8260W.m Sublist used: 8260WICAL-2
Calibration date and time: 20-JUL-2007 09:25
Date, time and analyst ID of latest file update: 28-Aug-2007 11:25 nrr01826

Sample Name: LCSY58 Lab Sample ID: LCSY58

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
1) Dichlorodifluoromethane	(1)	1.182	85	126891	18.627
2) Chloromethane	(1)	1.255	50	148032	16.500
4) Vinyl Chloride	(1)	1.352	62	129614	15.577
5) Bromomethane	(1)	1.525	94	76541	15.618
6) Chloroethane	(1)	1.583	64	76546	16.212
8) Trichlorofluoromethane	(1)	1.794	101	155571	18.329
10) Ethyl Ether	(1)	1.916	59	94967	17.469
11) Acrolein	(4)	2.016	56	188531	118.475
13) 1,1-Dichloroethene	(1)	2.099	96	81326	19.551
15) Freon 113	(1)	2.128	101	75339	18.487
14) Acetone	(1)	2.122	43	480819	186.288
16) Methyl Iodide	(1)	2.221	142	153188	18.629
17) 2-Propanol	(4)	2.212	45	90086	153.486
18) Carbon Disulfide	(1)	2.279	76	278944	18.692
20) Allyl Chloride	(1)	2.366	41	181315	20.252
21) Methyl Acetate	(1)	2.372	43	128792	20.378
22) Methylene Chloride	(1)	2.471	84	108029	19.790
23)*t-Butyl Alcohol-d10	(4)	2.491	65	182355	250.000
24) t-Butyl Alcohol	(4)	2.555	59	173097M	208.479
25) Acrylonitrile	(1)	2.664	53	293476	88.503
26) trans-1,2-Dichloroethene	(1)	2.703	96	99332	20.814
27) Methyl Tertiary Butyl Ether	(1)	2.712	73	347150	20.223
29) n-Hexane	(1)	2.946	57	127795	19.826
40) 1,2-Dichloroethene (total)	(1)		96	208075	41.204
30) 1,1-Dichloroethane	(1)	3.072	63	194450	21.318
32) di-Isopropyl Ether	(1)	3.149	45	398547	20.828
33) 2-Chloro-1,3-Butadiene	(1)	3.155	53	145281	20.381
36) Ethyl t-Butyl Ether	(1)	3.486	59	347588	20.379
37) cis-1,2-Dichloroethene	(1)	3.607	96	108743	20.390
38) 2-Butanone	(1)	3.614	43	685872	163.509
39) 2,2-Dichloropropane	(1)	3.623	77	159701	21.822
41) Propionitrile	(4)	3.668	54	182203	169.666
43) Methacrylonitrile	(1)	3.810	67	471304	152.028
44) Bromochloromethane	(1)	3.832	128	55801	20.465

M = Compound was manually integrated.

* = Compound is an internal standard.

8388

Quant Report

Target Revision 3.5

Data File: /chem2/HP09355.i/07aug28b.b/yg28l01.d Instrument ID: HP09355.i
Injection date and time: 28-AUG-2007 10:53 Analyst ID: NRR01826

Method used: /chem2/HP09355.i/07aug28b.b/Y8260W.m Sublist used: 8260WICAL-2
Calibration date and time: 20-JUL-2007 09:25
Date, time and analyst ID of latest file update: 28-Aug-2007 11:25 nrr01826

Sample Name: LCSY58 Lab Sample ID: LCSY58

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
45) Tetrahydrofuran	(4)	3.874	71	99272	108.062
46) Chloroform	(1)	3.912	83	183943	21.981
50) 1,1,1-Trichloroethane	(1)	4.095	97	158776	22.300
51) Cyclohexane	(1)	4.153	56	176343	21.330
54) 1,1-Dichloropropene	(1)	4.249	75	141314	20.602
55) Carbon Tetrachloride	(1)	4.262	117	137135	22.306
56) Isobutyl Alcohol	(4)	4.381	41	162522	569.686
59) Benzene	(1)	4.451	78	437109	21.055
61) 1,2-Dichloroethane	(1)	4.461	62	158255	22.614
64) t-Amyl Methyl Ether	(1)	4.583	73	335181	20.436
67) n-Heptane	(1)	4.740	43	142372	19.792
66)*Fluorobenzene	(1)	4.727	96	967223	50.000
69) n-Butanol	(4)	5.048	56	254321	1057.466
70) Trichloroethene	(1)	5.100	95	106676	21.587
73) 1,2-Dichloropropane	(1)	5.318	63	119796	21.168
72) Methylcyclohexane	(1)	5.299	83	155718	20.392
75) Methyl Methacrylate	(1)	5.469	69	101096	20.539
74) Dibromomethane	(1)	5.433	93	74045	21.863
76) 1,4-Dioxane	(4)	5.462	88	39476	552.284
79) Bromodichloromethane	(1)	5.613	83	139786	22.122
81) 2-Nitropropane	(1)	5.847	41	39036	20.267
82) 2-Chloroethyl Vinyl Ether	(1)	5.944	63	84731	19.707
83) cis-1,3-Dichloropropene	(1)	6.088	75	178970	20.574
84) 4-Methyl-2-Pentanone	(1)	6.264	43	871106	98.865
89) Toluene	(2)	6.447	92	276162	21.413
91) trans-1,3-Dichloropropene	(2)	6.691	75	172922	21.188
92) Ethyl Methacrylate	(2)	6.820	69	166966	19.584
93) 1,1,2-Trichloroethane	(2)	6.884	97	102435	20.566
94) Tetrachloroethene	(2)	7.044	166	115403	19.831
95) 1,3-Dichloropropane	(2)	7.063	76	184198	20.748
97) 2-Hexanone	(2)	7.179	43	664523	105.452
99) Dibromochloromethane	(2)	7.301	129	118775	22.237
101) 1,2-Dibromoethane	(2)	7.410	107	112405	21.005
102)*Chlorobenzene-d5	(2)	7.875	117	727521	50.000

* = Compound is an internal standard.

Quant Report

Target Revision 3.5

Data File: /chem2/HP09355.i/07aug28b.b/yg28l01.d Instrument ID: HP09355.i
Injection date and time: 28-AUG-2007 10:53 Analyst ID: NRR01826

Method used: /chem2/HP09355.i/07aug28b.b/Y8260W.m Sublist used: 8260WICAL-2
Calibration date and time: 20-JUL-2007 09:25
Date, time and analyst ID of latest file update: 28-Aug-2007 11:25 nrr01826

Sample Name: LCSY58 Lab Sample ID: LCSY58

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
103) Chlorobenzene	(2)	7.901	112	307380	20.559
104) 1,1,1,2-Tetrachloroethane	(2)	7.984	131	110647	20.886
105) Ethylbenzene	(2)	8.016	91	514317	20.305
106) m+p-Xylene	(2)	8.129	106	408728	40.618
107) Xylene (Total)	(2)		106	607673	60.561
108) o-Xylene	(2)	8.472	106	198945	19.943
109) Styrene	(2)	8.485	104	326907	19.581
110) Bromoform	(2)	8.629	173	92601	19.864
112) Isopropylbenzene	(2)	8.790	105	506800	19.922
114) Cyclohexanone	(4)	8.844	55	175771	601.377
118) 1,1,2,2-Tetrachloroethane	(3)	9.027	83	174623	20.398
120) trans-1,4-Dichloro-2-Butene	(3)	9.072	53	280582	105.370
117) Bromobenzene	(3)	9.014	156	141861	20.507
119) 1,2,3-Trichloropropane	(3)	9.053	110	52736	21.798
121) n-Propylbenzene	(3)	9.117	91	649893	20.977
122) 2-Chlorotoluene	(3)	9.175	126	132347	20.371
123) 1,3,5-Trimethylbenzene	(3)	9.258	105	454917	20.218
124) 4-Chlorotoluene	(3)	9.258	126	136523	20.223
127) tert-Butylbenzene	(3)	9.505	134	106293	20.005
128) Pentachloroethane	(3)	9.512	167	90424	19.467
129) 1,2,4-Trimethylbenzene	(3)	9.537	105	471892	20.525
130) sec-Butylbenzene	(3)	9.666	105	579584	20.138
132) p-Isopropyltoluene	(3)	9.775	119	507025	19.914
131) 1,3-Dichlorobenzene	(3)	9.736	146	272942	20.303
133) *1,4-Dichlorobenzene-d4	(3)	9.785	152	443487	50.000
134) 1,4-Dichlorobenzene	(3)	9.804	146	283110	20.070
135) 1,2,3-Trimethylbenzene	(3)	9.846	105	484061	20.567
136) Benzyl Chloride	(3)	9.903	91	348613	18.664
137) 1,3-Diethylbenzene	(3)	9.990	105	302643	20.462
138) 1,4-Diethylbenzene	(3)	10.051	105	301155	20.656
139) n-Butylbenzene	(3)	10.067	92	259527	19.744
140) 1,2-Dichlorobenzene	(3)	10.070	146	270575	20.044
141) 1,2-Diethylbenzene	(3)	10.131	105	293552	20.521
143) 1,2-Dibromo-3-Chloropropane	(3)	10.606	75	39797	21.552

* = Compound is an internal standard.

9382

Quant Report

Target Revision 3.5

Data File: /chem2/HP09355.i/07aug28b.b/yg28l01.d Instrument ID: HP09355.i
Injection date and time: 28-AUG-2007 10:53 Analyst ID: NRR01826

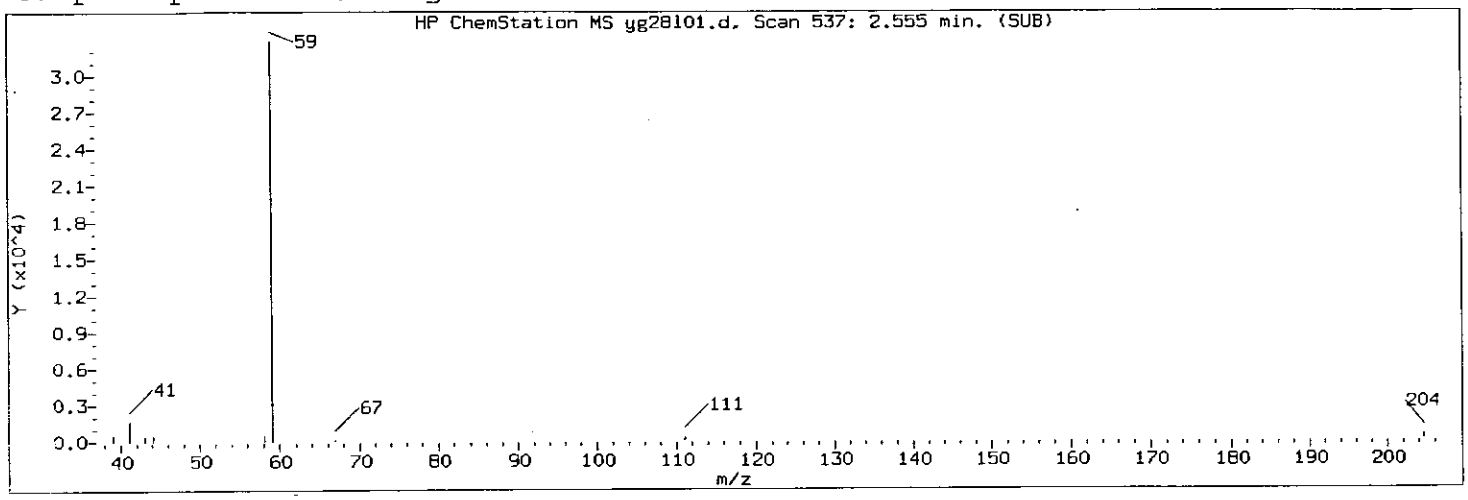
Method used: /chem2/HP09355.i/07aug28b.b/Y8260W.m Sublist used: 8260WICAL-2
Calibration date and time: 20-JUL-2007 09:25
Date, time and analyst ID of latest file update: 28-Aug-2007 11:25 nrr01826

Sample Name: LCSY58 Lab Sample ID: LCSY58

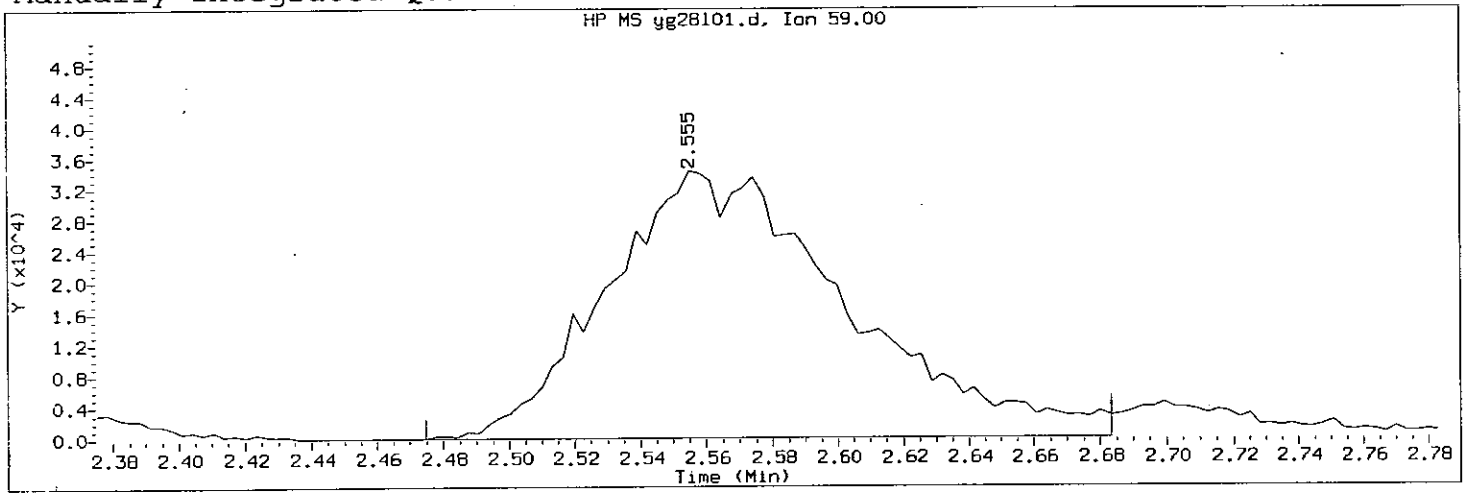
Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
145) 1,2,4-Trichlorobenzene	(3)	11.161	180	203094	19.387
146) Hexachlorobutadiene	(3)	11.277	225	85819	18.808
147) Naphthalene	(3)	11.322	128	575119	19.834
148) 1,2,3-Trichlorobenzene	(3)	11.479	180	203503	20.334
150) 2-Methylnaphthalene	(3)	12.040	142	253217	17.645
48) $Dibromofluoromethane	(1)	4.066	113	233451	50.011
57) $1,2-Dichloroethane-d4	(1)	4.390	102	60394	46.828
87) $Toluene-d8	(2)	6.374	98	978559	53.635
115) $4-Bromofluorobenzene	(2)	8.902	95	361474	51.529

$ = Compound is a surrogate standard.

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem2/HP09355.i/07aug28b.b/yg28101.d Instrument ID: HP09355.i
Injection date and time: 28-AUG-2007 10:53 Analyst ID: NRR01826

Method used: /chem2/HP09355.i/07aug28b.b/Y8260W.m Sublist used: 8260WICAL-2
Calibration date and time: 28-AUG-2007 10:10
Date, time and analyst ID of latest file update: 28-Aug-2007 11:25 nrr01826

Sample Name: LCSY58 Lab Sample ID: LCSY58

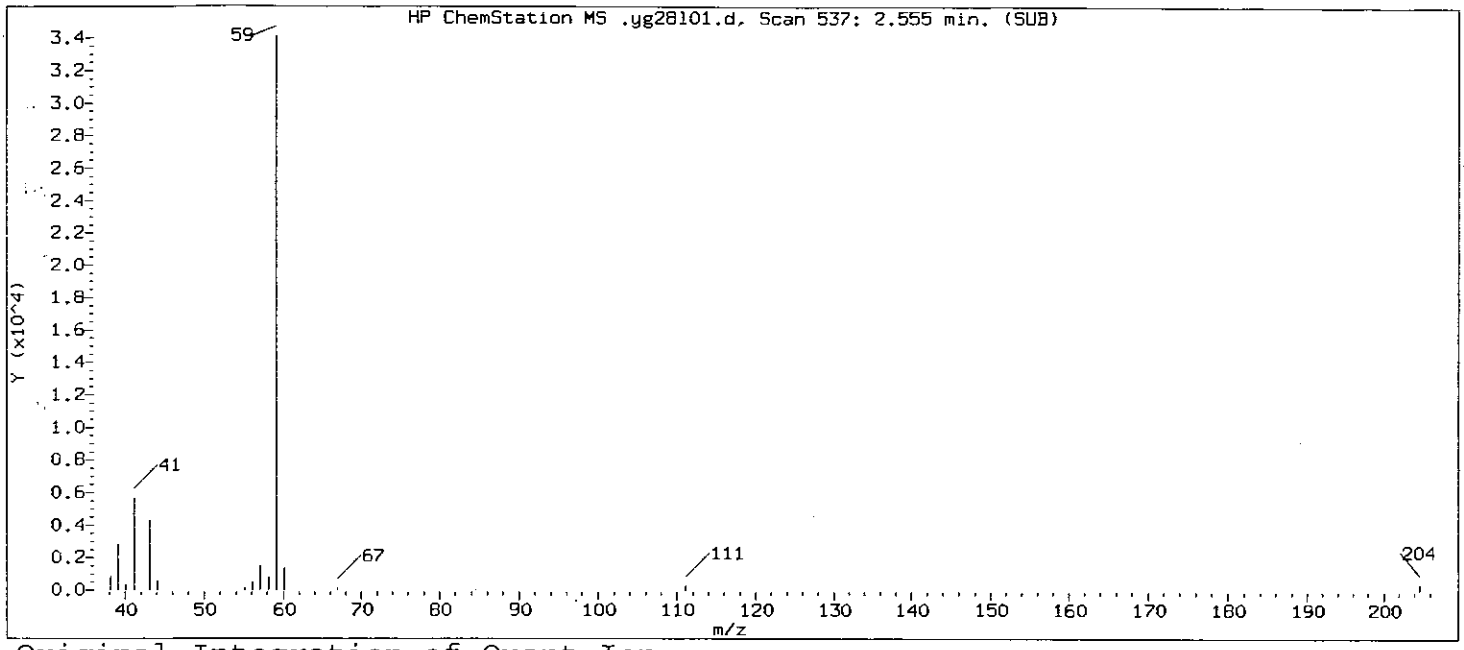
Compound Number : 24
Compound Name : t-Butyl Alcohol
Scan Number : 537
Retention Time (minutes): 2.555
Quant Ion : 59
Area (flag) : 173097 M
Concentration (ug/L) : 208.4786
Integration start scan : 511 Integration stop scan: 576
Y at integration start : 0 Y at integration end: 0

Reason for manual integration (circle one): missed peak improper integration

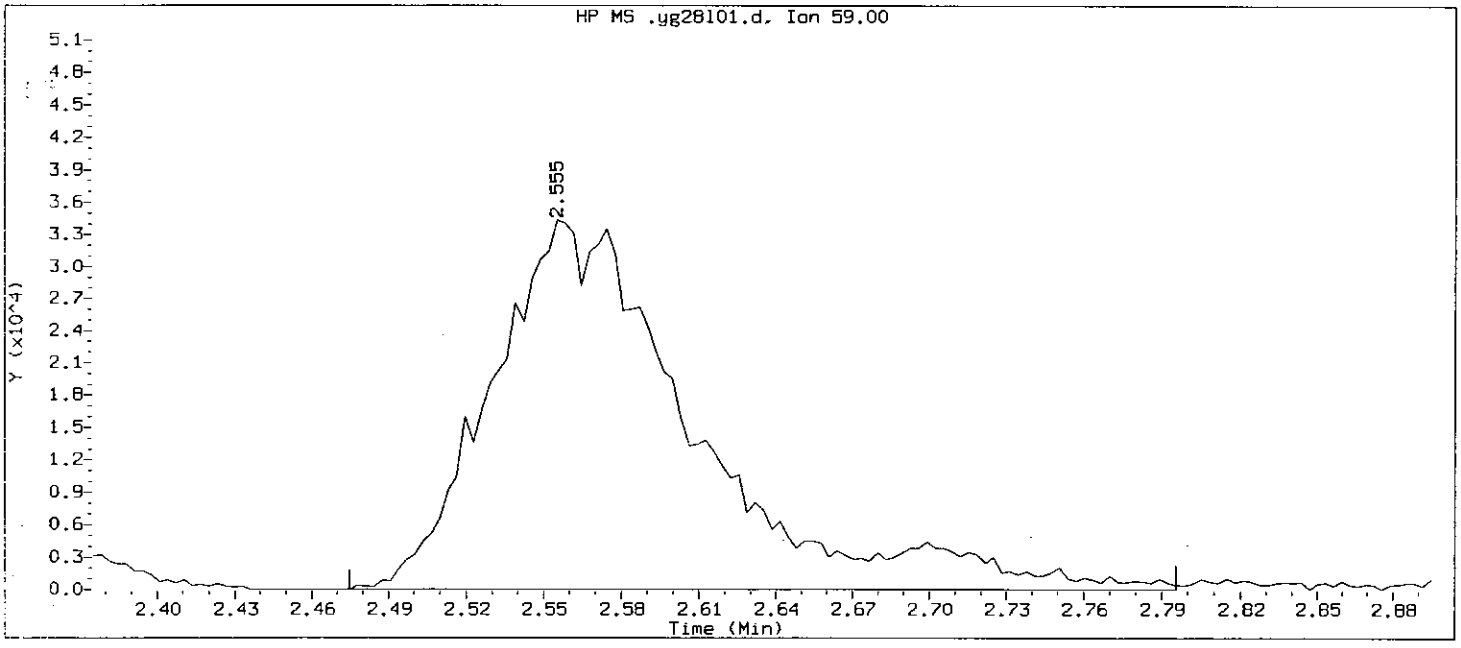
Analyst responsible for change: NRR 18-6 8/28/07

GC/MS audit/management approval: RBM 8/30/07 8384

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem2/HP09355.i/07aug28b.b/yg28101.d Instrument ID: HP09355.i
Injection date and time: 28-AUG-2007 10:53 Analyst ID: NRR01826

Method used: /chem2/HP09355.i/07aug28b.b/Y8260W.m Sublist used: 8260WICAL-2
Calibration date and time: 28-AUG-2007 10:10
Date, time and analyst ID of latest file update: 28-Aug-2007 11:09 Automation

Sample Name: LCSY58 Lab Sample ID: LCSY58

Compound Number : 24
Compound Name : t-Butyl Alcohol
Scan Number : 537
Retention Time (minutes): 2.555
Quant Ion : 59
Area : 186145
Concentration (ug/L) : 224.1938
Integration start scan : 511 Integration stop scan: 611
Y at integration start : 0 Y at integration end: 0

0385

Original Integration Report for data file /chem2/HP09355.i/07aug28b.b/yg28101.d, generated on 08/28/2007 at 11:25

Lancaster Laboratories
2425 New Holland Pike • Lancaster, PA 17601

GC/MS Volatiles pH Log

Batch #: 4072901AA

LLI #	pH	Date Checked	Initials/ Employee #	Comments
5136497	<2	8/28/07	MJW 2109	
5136498	<2	8/28/07	MJW 2109	
5136499	<2	8/28/07	MJW 2109	
~~5136~~ 5136500	<2	8/28/07	MJW 2109	
5136501	<2	8/28/07	MJW 2109	
5136502	<2	8/28/07	MJW 2109	
5136503	<2	8/28/07	MJW 2109	
5136504	<2	8/28/07	MJW 2109	
5136505	<2	8/28/07	MJW 2109	
5136506	<2	8/28/07	MJW 2109	MS
5136507	<2	8/28/07	MJW 2109	MSD
5136506	<2	8/28/07	MJW 2109	MSI
5136507	<2	8/28/07	MJW 2109	MSDL
5136509	<2	8/28/07	MJW 2109	
5136510	<2	8/28/07	MJW 2109	
5136511	<2	8/28/07	MJW 2109	
5136003	<2	8/28/07	MJW 2109	
5136004	<2	8/28/07	MJW 2109	
5136005	<2	8/28/07	MJW 2109	
			③MJW 2109 ~~8/28/07 MJW 2109~~	
				8356

③ MJW 1256 8/28/07

Lancaster Laboratories
Runlog for Hewelet Packard GC/MS System HP09355 **HP #20**

* Shift #1 Analyst:___NRR_____** Shift #2 Analyst:_____** Shift #3 Analyst:_____*

Comment Code:
R = Reinjection necessary
S = Surrogate problem
NU = Not used
MR = Meets requirements
Cz = Confirms z, (z = S, I or X)
X = Sample sent to be reextracted
I = Internal Standard problem
F = Further dilution required
IUO = Internal use only
T = Injected outside valid tune period

Other problems or comments are as follows:

_____
_____
_____
_____

Data Directory Path is - D:\DATA\07AUG22B\

FILE	SAMPLE	LLI#	DATE	TIME	BATCH	D.F.	NOTES
YG22T01.D	50NGBFB	BFB50NGAUG02-07	22 Aug 07	09:31			NU
YG22T02.D	50NGBFB	BFB50NGAUG02-07	22 Aug 07	09:41			MR
YG22I01.D	VSTD300	VSTD300	22 Aug 07	10:03			MR
YG22I02.D	VSTD100	VSTD100	22 Aug 07	10:26			MR
YG22I03.D	VSTD050	VSTD050	22 Aug 07	10:49			MR
YG22I04.D	VSTD020	VSTD020	22 Aug 07	11:11			MR
YG22I05.D	VSTD010	VSTD010	22 Aug 07	11:34			MR
YG22I06.D	VSTD004	VSTD004	22 Aug 07	11:56			MR
YG22M01.D	1 PPB MDL	1 PPB MDL	22 Aug 07	12:18			

Lancaster Laboratories
Runlog for Hewelet Packard GC/MS System HP09355 **HP #20**

** Shift #1 Analyst:___NRR_____** Shift #2 Analyst:__MSW_____** Shift #3 Analyst:_____*

Comment Code: R = Reinjection necessary X = Sample sent to be reextracted
S = Surrogate problem I = Internal Standard problem
NU = Not used F = Further dilution required
MR = Meets requirements IUO = Internal use only
Cz = Confirms z, (z = S, I or X) T = Injected outside valid tune period

Other problems or comments are as follows:

_____8260B_WATERS_____

_____

_____

_____

Data Directory Path is - D:\DATA\07AUG28B\

FILE	SAMPLE	LLI#	DATE	TIME	BATCH	D.F.	NOTES
YG28T02.D	50NGBFB	BFB50NGAUG02-07	28 Aug 07	09:06			NU
YG28T03.D	50NGBFB	BFB50NGAUG02-07	28 Aug 07	09:20			MR
YG28C04.D	VSTD020	VSTD020	28 Aug 07	09:44			MR
YG28C05.D	VSTD020	VSTD020	28 Aug 07	10:07			MR
YG28B01.D	VBLKY58	VBLKY58	28 Aug 07	10:30	Y072401AA		MR
YG28L01.D	LCSY58	LCSY58	28 Aug 07	10:53	Y072401AA		MR
YG28L02.D	LCS1Y58	LCS1Y58	28 Aug 07	11:16	Y072401AA		MR
YG28S01.D	TF--5	5136497	28 Aug 07	11:53	Y072401AA		MR
YG28S02.D	TF-23	5136498	28 Aug 07	12:15	Y072401AA		MR
YG28S03.D	TF123	5136499	28 Aug 07	12:38	Y072401AA		MR
YG28S04.D	BCEB1	5136500	28 Aug 07	13:01	Y072401AA		MR
YG28S05.D	BCTRB	5136501	28 Aug 07	13:24	Y072401AA		MR
YG28S06.D	DC--2	5136502	28 Aug 07	13:47	Y072401AA		MR
YG28S07.D	DC-8A	5136503	28 Aug 07	14:10	Y072401AA		MR
YG28S08.D	OS--1	5136504	28 Aug 07	14:33	Y072401AA		MR
YG28S09.D	OS--3	5136505	28 Aug 07	14:56	Y072401AA		MR
YG28S10.D	OS--3MS	5136506	28 Aug 07	15:19	Y072401AA		MR
YG28S11.D	OS--3MSD	5136507	28 Aug 07	15:42	Y072401AA		MR
YG28S12.D	OS--3MS1	5136506	28 Aug 07	16:05	Y072401AA		MR
YG28S13.D	OS--3MSD1	5136507	28 Aug 07	16:28	Y072401AA		MR
YG28S14.D	OR--3	5136509	28 Aug 07	16:51	Y072401AA		MR
YG28S15.D	OR--2	5136510	28 Aug 07	17:14	Y072401AA		MR
YG28S16.D	DC--1	5136511	28 Aug 07	17:37	Y072401AA		MR
YG28S17.D	CM16S	5136003	28 Aug 07	18:00	Y072401AA		MR
YG28S18.D	CM901	5136004	28 Aug 07	18:23	Y072401AA		MR
YG28S19.D	CMITZ	5136005	28 Aug 07	18:46	Y072401AA		MR
YG28S20.D	FBE03	5135244	28 Aug 07	19:09	Y072401AA		MR
YG28S21.D	FBE05DL	5135245	28 Aug 07	19:32	Y072401AA	5	NU
YG28S22.D	FBE06DL	5135246	28 Aug 07	19:55	Y072401AA	5	NU
YG28S23.D	FBETN	5135247	28 Aug 07	20:16	Y072401AA		MR
YG28S24.D	FBE05	5135245	28 Aug 07	20:39	Y072401AA		MR
YG28S25.D	FBE06	5135246	28 Aug 07	21:02	Y072401AA		MR

Semivolatiles by GC/MS Data

Case Narrative
Conformance/Nonconformance
Summary

Lancaster Laboratories
Where quality is a science.

CASE NARRATIVE

Client: Chevron Environmental Mgmt.
SDG #: CBN47

LANCASTER LABORATORIES
SEMIVOLATILES BY GC/MS

SAMPLE NUMBER(S) :

LL #'s	Sample Code	Matrix Water	Comments
5136497	TF--5	X	
5136498	TF-23	X	
5136499	TF123	X	
5136500	BCEB1	X	Client Blank
5136502	DC--2	X	
5136503	DB-8A	X	
5136504	OS--1	X	
5136505	OS--3	X	Unspiked
5136506	OS--3MS	X	Matrix Spike
5136507	OS--3MSD	X	Matrix Spike Dup
5136509	OR--3	X	
5136510	OR--2	X	
5136511	DC--1	X	
LABORATORY SUBMITTED QC:			
SBLKWB236	SBLKWB2365	X	Method Blank
SBLKWD240	SBLKWD2407	X	Method Blank
236WBLCS	236WBLCS5	X	Lab Control Sample
240WDLCS	240WDLCS7	X	Lab Control Sample
240WDLCSD	240WDLCSD7	X	Lab Control Sample Dup

SAMPLE PREPARATION:

Due to insufficient sample, reduced volumes were used in the extraction of a number of samples. Refer to the organic extraction batchlogs for the specific samples and volumes.

Case Narrative (continued)
SDG: CBN47

No other problems were encountered during the extraction of these samples.

ANALYSIS:

No problems were encountered during the analysis of these samples.

QUALITY CONTROL AND NONCONFORMANCE SUMMARY:

Surrogate recoveries that are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted.

Matrix QC may not be included if site-specific QC were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD was performed, unless otherwise specified in the method or by the client.

2,4-Dinitrophenol was not recovered in the MS/D. The relative percent difference (RPD) for 2,4-dinitrophenol between the MS and the MSD could not be calculated.

A number of recoveries are outside QC limits in 240WDLCS/240WDLCSD. Refer to LCS/D form. Since these compounds were not detected in the associated sample, no further action was taken.

All other QC was within specifications.

DATA INTERPRETATION:

The % drift windows on the initial calibration verification summary are advisory until statistical windows can be derived.

No further interpretation is necessary for the data submitted.

0312

Case Narrative (continued)
SDG: CBN47

Case Narrative Reviewed and Approved by:

Audrey McClune for Date: 9-20-07

Dana M. Kauffman
Manager, Data Deliverables

8313

GC/MS Semivolatiles CALCULATIONS:

1. Relative response factor (RRF)

$$RRF = \frac{AX}{Ais} \times \frac{Cis}{Cx}$$

Where:
Ax = Area of the characteristic ion for the compound to be measured
Ais = Area of the characteristic ion for the specific internal standard to be measured
Cis = Concentration of the internal standard
Cx = Concentration of the compound to be measured

2. % Relative Standard Deviation (%RPD)

$$\%RSD = \frac{\text{standard deviation}}{\text{mean}} \times 100$$

3. % Difference (%D)

$$\%D = \frac{RRFc - RRFi}{RRFi} \times 100$$

Where:
RRFc = Relative response factor from continuing calibration standard
RRFi = Mean relative response factor form the initial calibration

4. Concentration

$$\text{Concentration (ug/l)} = \frac{(Ax)\ (Is)\ (Df)\ (Vt)}{(Ais)\ (RRF)\ (Vo)\ (Vi)}$$

Where:
Ax, Ais, and RRF are as given in 1. above
Is = Amount of internal standard added in parts per billion (ng)
Df = Dilution factor
Vt = volume of the concentrated extract (ul)
Vo = volume of water extracted (ml)
Vi = volume of extract injected (ul)

5. % Recovery

$$\%Rec = \frac{SSR - SR}{SA} \times 100$$

Where:
SSR = Spiked sample result
SR = Sample result
SA = Spike added

GC/MS Semivolatiles CALCULATIONS (continued):

6. Relative Percent Difference (RPD)

$$RPD = \frac{|\ MSR - MSDR\ |}{(1/2)\quad (MSR + MSDR)}$$

Where:
MSR = Matrix spike recovery
MSDR = Matrix spike duplicate recovery

QC Summary

WATER SEMIVOLATILE SURROGATE RECOVERY

Lab Name: Lancaster Laboratories Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: CBN47

	LL #'s	EPA SAMPLE NO.	S1 (2FP) #	S2 (PHL) #	S3 (TBP) #	S4 (NBZ) #	S5 (TPH) #	S6 (FBP) #	TOT OUT
01	5136497	TF--5	61	42	101	93	83	92	0
02	5136498	TF-23	61	42	87	89	86	88	0
03	5136499	TF123	63	43	96	93	90	86	0
04	5136500	BCEB1	63	43	100	91	93	89	0
05	5136502	DC--2	62	43	89	90	85	88	0
06	5136503	DB-8A	68	32	95	95	88	91	0
07	5136504	OS--1	61	43	93	92	81	89	0
08	5136505	OS--3	60	43	94	91	86	91	0
09	5136506	OS--3MS	67	48	106	96	85	88	0
10	5136507	OS--3MSD	64	45	98	93	88	91	0
11	5136509	OR--3	61	42	88	92	68	88	0
12	5136510	OR--2	62	45	90	93	86	88	0
13	5136511	DC--1	64	46	108	98	81	92	0
14	SBLKWB236	SBLKWB2365	60	41	98	91	93	90	0
15	SBLKWD240	SBLKWD2407	54	34	99	92	92	82	0
16	236WBLCS	236WBLCS5	62	46	108	90	95	86	0
17	240WDLCS	240WDLCS7	61	41	100	96	97	89	0
18	240WDLCSD	240WDLCSD7	57	36	100	95	96	87	0

	QC LIMITS
S1 (2FP) = 2-Fluorophenol	(10-103)
S2 (PHL) = Phenol-d6	(10-82)
S3 (TBP) = 2,4,6-Tribromophenol	(20-159)
S4 (NBZ) = Nitrobenzene-d5	(51-123)
S5 (TPH) = Terphenyl-d14	(52-151)
S6 (FBP) = 2-Fluorobiphenyl	(63-118)

Column to be used to flag recovery values
* Values outside of contract required QC limits
D Surrogate diluted out

FORM II SV-1

WATER GC/MS SEMIVOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: LANCASTER LABS Lab Code: LANCAS

UNSPIKED:ch0845.d
OS--3 5136505
AMT USED:987.0 ml
FINAL VOL:1 ml

MATRIX SPIKE:ch0846.d
OS--3MS 5136506
AMT USED: 995.0 ml
FINAL VOL: 1 ml

SPIKE DUPLICATE:ch0847.d
OS--3MSD 5136507
AMT USED: 978.0 ml
FINAL VOL: 1 ml

INSTRUMENT: HP10623 DILUTION FACTOR: 1 BATCH: 07236WAB026

%MOISTURE: EXTRACT SPIKE LEVEL: 50.25

COMPOUND NAME	MS SPIKE	MSD SPIKE	US CONC UG/L	MS CONC UG/L	MSD CONC UG/L	MS REC %	MSD REC %	Range LOWER-UPPER	INSPEC	RPD %	RPD MAX	INSPEC
Phenol	50.25	51.12	ND	25.18	24.46	50	48	5- 84	YES	3	30	YES
bis(2-Chloroethyl)ether	50.25	51.12	ND	51.76	50.22	103	98	69-103	YES	3	30	YES
2-Chlorophenol	50.25	51.12	ND	51.23	49.79	102	97	58-114	YES	3	30	YES
1,3-Dichlorobenzene	50.25	51.12	ND	45.28	46.47	90	91	55-105	YES	2	30	YES
1,4-Dichlorobenzene	50.25	51.12	ND	48.71	48.75	97	95	63-109	YES	0	30	YES
1,2-Dichlorobenzene	50.25	51.12	ND	47.80	46.36	95	91	59-106	YES	3	30	YES
2-Methylphenol	50.25	51.12	ND	46.82	45.62	93	89	1-132	YES	2	30	YES
2,2'-oxybis(1-Chloropropane	50.25	51.12	ND	57.44	55.82	114	109	33-140	YES	3	30	YES
N-Nitroso-di-n-propylamine	50.25	51.12	ND	52.28	50.19	104	98	68-108	YES	4	30	YES
4-Methylphenol	50.25	51.12	ND	42.76	39.18	85	77	2-138	YES	9	30	YES
Hexachloroethane	50.25	51.12	ND	44.35	46.33	88	91	42-122	YES	4	30	YES
Nitrobenzene	50.25	51.12	ND	48.64	48.27	97	94	37-138	YES	1	30	YES
Isophorone	50.25	51.12	ND	45.48	43.20	91	84	65- 94	YES	5	30	YES
2-Nitrophenol	50.25	51.12	ND	53.68	52.87	107	103	82-120	YES	2	30	YES
2,4-Dimethylphenol	50.25	51.12	ND	50.47	47.78	100	93	14-140	YES	5	30	YES
bis(2-Chloroethoxy)methane	50.25	51.12	ND	56.74	56.40	113	110	64-128	YES	1	30	YES
2,4-Dichlorophenol	50.25	51.12	ND	51.17	49.03	102	96	61-114	YES	4	30	YES
1,2,4-Trichlorobenzene	50.25	51.12	ND	48.08	48.76	96	95	65-105	YES	1	30	YES
Naphthalene	50.25	51.12	ND	50.36	49.28	100	96	53-123	YES	2	30	YES
4-Chloroaniline	50.25	51.12	ND	46.58	40.12	93	78	43-108	YES	15	30	YES
Hexachlorobutadiene	50.25	51.12	ND	47.46	50.12	94	98	44-128	YES	5	30	YES
4-Chloro-3-methylphenol	50.25	51.12	ND	55.63	50.30	111	98	43-135	YES	10	30	YES
2-Methylnaphthalene	50.25	51.12	ND	50.66	48.34	101	95	71-104	YES	5	30	YES
Hexachlorocyclopentadiene	100.50	102.25	ND	87.84	98.04	87	96	16-141	YES	11	30	YES
2,4,6-Trichlorophenol	50.25	51.12	ND	47.48	47.63	94	93	19-145	YES	0	30	YES
2,4,5-Trichlorophenol	50.25	51.12	ND	47.40	47.92	94	94	27-135	YES	1	30	YES
2-Chloronaphthalene	50.25	51.12	ND	36.09	37.06	72	72	53- 96	YES	3	30	YES
2-Nitroaniline	50.25	51.12	ND	53.25	51.83	106	101	79-115	YES	3	30	YES
Dimethylphthalate	50.25	51.12	ND	34.48	34.37	69	67	8-143	YES	0	30	YES
2,6-Dinitrotoluene	50.25	51.12	ND	52.38	52.52	104	103	71-111	YES	0	30	YES
Acenaphthylene	50.25	51.12	ND	55.59	56.03	111	110	71-118	YES	1	30	YES
3-Nitroaniline	50.25	51.12	ND	51.42	49.22	102	96	66-115	YES	4	30	YES
Acenaphthene	50.25	51.12	ND	49.87	51.04	99	100	68-117	YES	2	30	YES
2,4-Dinitrophenol	50.25	51.12	ND	ND	ND	0	0	20-160	NO	NC	30	NA
4-Nitrophenol	50.25	51.12	ND	19.63	18.39	39	36	10-100	YES	6	30	YES
Dibenzofuran	50.25	51.12	ND	48.93	50.03	97	98	70-105	YES	2	30	YES
2,4-Dinitrotoluene	50.25	51.12	ND	51.90	50.79	103	99	44-141	YES	2	30	YES
Diethylphthalate	50.25	51.12	ND	49.26	48.10	98	94	56-120	YES	2	30	YES
Fluorene	50.25	51.12	ND	51.66	50.56	103	99	65-110	YES	2	30	YES
4-Chlorophenyl-phenylether	50.25	51.12	ND	50.13	50.50	100	99	76-109	YES	1	30	YES
4-Nitroaniline	50.25	51.12	ND	47.00	43.75	94	86	50-104	YES	7	30	YES
4,6-Dinitro-2-methylphenol	50.25	51.12	ND	39.86	37.94	79	74	17-144	YES	5	30	YES
N-Nitrosodiphenylamine	50.25	51.12	ND	50.19	50.40	100	99	64-127	YES	0	30	YES
4-Bromophenyl-phenylether	50.25	51.12	ND	49.38	51.54	98	101	76-112	YES	4	30	YES
Hexachlorobenzene	50.25	51.12	ND	51.93	52.18	103	102	62-117	YES	0	30	YES
Pentachlorophenol	50.25	51.12	ND	13.14	9.97	26	20	9-130	YES	27	30	YES
Phenanthrene	50.25	51.12	ND	52.50	51.30	104	100	68-116	YES	2	30	YES
Anthracene	50.25	51.12	ND	51.00	50.59	101	99	68-115	YES	1	30	YES
Carbazole	50.25	51.12	ND	54.76	52.65	109	103	76-109	YES	4	30	YES
Di-n-butylphthalate	50.25	51.12	ND	52.37	51.49	104	101	62-111	YES	2	30	YES
Fluoranthene	50.25	51.12	ND	49.77	46.68	99	91	61-112	YES	6	30	YES
Pyrene	50.25	51.12	ND	49.63	51.81	99	101	63-117	YES	4	30	YES
Butylbenzylphthalate	50.25	51.12	ND	49.10	50.97	98	100	60-117	YES	4	30	YES
3,3'-Dichlorobenzidine	50.25	51.12	ND	40.32	38.27	80	75	35-114	YES	5	30	YES
Benzo(a)anthracene	50.25	51.12	ND	48.80	49.37	97	97	65-116	YES	1	30	YES
Chrysene	50.25	51.12	ND	50.53	50.08	101	98	67-115	YES	1	30	YES

COMMENTS: 8318

WATER GC/MS SEMIVOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: LANCASTER LABS Lab Code: LANCAS

UNSPIKED:ch0845.d
OS--3 5136505
AMT USED:987.0 ml
FINAL VOL:1 ml

MATRIX SPIKE:ch0846.d
OS--3MS 5136506
AMT USED: 995.0 ml
FINAL VOL: 1 ml

SPIKE DUPLICATE:ch0847.d
OS--3MSD 5136507
AMT USED: 978.0 ml
FINAL VOL: 1 ml

INSTRUMENT: HP10623 DILUTION FACTOR: 1 BATCH: 07236WAB026

%MOISTURE: EXTRACT SPIKE LEVEL: 50.25

COMPOUND NAME	MS SPIKE	MSD SPIKE	US CONC UG/L	MS CONC UG/L	MSD CONC UG/L	MS REC %	MSD REC %	Range LOWER-UPPER	INSPEC	RPD %	RPD MAX	INSPEC
bis(2-Ethylhexyl)phthalate	50.25	51.12	ND	49.08	50.44	98	99	61-118	YES	3	30	YES
Di-n-octylphthalate	50.25	51.12	ND	55.16	54.57	110	107	68-124	YES	1	30	YES
Benzo(b)fluoranthene	50.25	51.12	ND	54.85	55.56	109	109	61-125	YES	1	30	YES
Benzo(k)fluoranthene	50.25	51.12	ND	54.47	52.18	108	102	64-120	YES	4	30	YES
Benzo(a)pyrene	50.25	51.12	ND	52.39	52.06	104	102	66-120	YES	1	30	YES
Indeno(1,2,3-cd)pyrene	50.25	51.12	ND	48.00	50.05	96	98	62-122	YES	4	30	YES
Dibenz(a,h)anthracene	50.25	51.12	ND	51.89	53.48	103	105	68-129	YES	3	30	YES
Benzo(g,h,i)perylene	50.25	51.12	ND	48.17	51.03	96	100	64-124	YES	6	30	YES

8319

COMMENTS: _____

Lancaster Laboratories, Inc.
Semi Volatiles Laboratory Control Sample Recoveries

LCS: gh1140.d
240WDLCS7 240WDLCS
Method: SW-846 8270C
Instrument: HP11165

LCS Duplicate: gh1141.d
240WDLCSD7 240WDLCSD
Matrix/Level: W/L
Dilution Factor: 1.0

Batch: 07240WAD026

COMPOUND NAME	SPIKE LEVEL	LCS CONC UG/L	LCSD CONC UG/L	LCS REC %	LCSD REC %	Range LOWER-UPPER	REC INSPEC	RPD %	RPD MAX	RPD INSPEC
Phenol	50.00	22.63	19.93	45	40	31-60	YES	13	30	YES
bis(2-Chloroethyl)ether	50.00	47.74	47.26	95	95	75-109	YES	1	30	YES
2-Chlorophenol	50.00	48.77	48.41	98	97	77-103	YES	1	30	YES
1,3-Dichlorobenzene	50.00	45.40	44.61	91	89	52-106	YES	2	30	YES
1,4-Dichlorobenzene	50.00	46.37	45.56	93	91	54-103	YES	2	30	YES
1,2-Dichlorobenzene	50.00	45.30	44.73	91	89	58-100	YES	1	30	YES
2-Methylphenol	50.00	42.29	40.96	85	82	56-105	YES	3	30	YES
2,2'-oxybis(1-Chloropropane)	50.00	55.39	55.31	111	111	37-138	YES	0	30	YES
N-Nitroso-di-n-propylamine	50.00	47.68	46.44	95	93	71-107	YES	3	30	YES
4-Methylphenol	50.00	41.17	39.47	82	79	62-99	YES	4	30	YES
Hexachloroethane	50.00	44.32	43.12	89	86	40-117	YES	3	30	YES
Nitrobenzene	50.00	48.42	48.59	97	97	61-111	YES	0	30	YES
Isophorone	50.00	41.21	40.84	82	82	63-105	YES	1	30	YES
2-Nitrophenol	50.00	60.04	60.50	120	121	82-121	YES	1	30	YES
2,4-Dimethylphenol	50.00	47.87	47.60	96	95	60-107	YES	1	30	YES
bis(2-Chloroethoxy)methane	50.00	54.42	53.11	109	106	69-119	YES	2	30	YES
2,4-Dichlorophenol	50.00	49.77	49.12	100	98	66-110	YES	1	30	YES
1,2,4-Trichlorobenzene	50.00	48.09	46.67	96	93	61-113	YES	3	30	YES
Naphthalene	50.00	48.48	47.38	97	95	68-108	YES	2	30	YES
4-Chloroaniline	50.00	45.11	48.55	90	97	42-115	YES	7	30	YES
Hexachlorobutadiene	50.00	46.82	45.24	94	90	35-135	YES	3	30	YES
4-Chloro-3-methylphenol	50.00	50.41	49.50	101	99	72-114	YES	2	30	YES
2-Methylnaphthalene	50.00	47.00	46.25	94	93	64-105	YES	2	30	YES
Hexachlorocyclopentadiene	100.00	108.52	113.65	109	114	23-143	YES	5	30	YES
2,4,6-Trichlorophenol	50.00	52.61	52.26	105	105	69-111	YES	1	30	YES
2,4,5-Trichlorophenol	50.00	50.17	49.04	100	98	70-115	YES	2	30	YES
2-Chloronaphthalene	50.00	41.35	40.52	83	81	56-100	YES	2	30	YES
2-Nitroaniline	50.00	59.87	60.17	120	120	73-115	NO	0	30	YES
Dimethylphthalate	50.00	45.79	44.72	92	89	69-106	YES	2	30	YES
2,6-Dinitrotoluene	50.00	57.69	57.50	115	115	70-108	NO	0	30	YES
Acenaphthylene	50.00	55.77	54.93	112	110	67-123	YES	2	30	YES
3-Nitroaniline	50.00	56.53	56.28	113	113	63-112	NO	0	30	YES
Acenaphthene	50.00	50.02	49.98	100	100	68-111	YES	0	30	YES
2,4-Dinitrophenol	50.00	69.70	68.33	139	137	46-128	NO	2	30	YES
4-Nitrophenol	50.00	23.90	20.46	48	41	12-78	YES	16	30	YES
Dibenzofuran	50.00	49.29	49.01	99	98	79-106	YES	1	30	YES
2,4-Dinitrotoluene	50.00	60.33	60.35	121	121	75-122	YES	0	30	YES
Diethylphthalate	50.00	50.04	49.50	100	99	79-108	YES	1	30	YES
Fluorene	50.00	50.97	50.26	102	101	72-119	YES	1	30	YES
4-Chlorophenyl-phenylether	50.00	48.68	48.50	97	97	79-110	YES	0	30	YES
4-Nitroaniline	50.00	49.01	49.39	98	99	51-104	YES	1	30	YES
4,6-Dinitro-2-methylphenol	50.00	61.69	62.19	123	124	66-123	NO	1	30	YES
N-Nitrosodiphenylamine	50.00	49.57	49.25	99	99	75-112	YES	1	30	YES
4-Bromophenyl-phenylether	50.00	47.31	46.43	95	93	67-110	YES	2	30	YES
Hexachlorobenzene	50.00	48.18	48.26	96	97	68-113	YES	0	30	YES
Pentachlorophenol	50.00	49.13	51.49	98	103	48-108	YES	5	30	YES
Phenanthrene	50.00	52.64	52.44	105	105	68-111	YES	0	30	YES
Anthracene	50.00	50.27	50.31	101	101	68-108	YES	0	30	YES
Carbazole	50.00	52.21	51.70	104	103	80-110	YES	1	30	YES
Di-n-butylphthalate	50.00	52.15	51.44	104	103	77-114	YES	1	30	YES
Fluoranthene	50.00	47.21	47.46	94	95	66-112	YES	1	30	YES
Pyrene	50.00	54.13	53.35	108	107	68-116	YES	1	30	YES
Butylbenzylphthalate	50.00	55.66	54.07	111	108	63-120	YES	3	30	YES
3,3'-Dichlorobenzidine	50.00	44.39	50.94	89	102	45-111	YES	14	30	YES
Benzo(a)anthracene	50.00	53.39	52.60	107	105	70-114	YES	1	30	YES
Chrysene	50.00	54.01	54.13	108	108	70-111	YES	0	30	YES
bis(2-Ethylhexyl)phthalate	50.00	53.90	53.49	108	107	62-126	YES	1	30	YES
Di-n-octylphthalate	50.00	60.61	60.02	121	120	71-125	YES	1	30	YES

N/C = Could not calculate

Lab Chronicle: _____ Ent. by _____

_____ Ver. by _____

0328

Lancaster Laboratories, Inc.
Semi Volatiles Laboratory Control Sample Recoveries

LCS: gh1140.d
240WDLCS7 240WDLCS
Method: SW-846 8270C
Instrument: HP11165

LCS Duplicate: gh1141.d
240WDLCSD7 240WDLCSD
Matrix/Level: W/L
Dilution Factor: 1.0

Batch: 07240WAD026

COMPOUND NAME	SPIKE LEVEL	LCS CONC UG/L	LCSD CONC UG/L	LCS REC %	LCSD REC %	Range LOWER-UPPER	REC INSPEC	RPD %	RPD MAX	RPD INSPEC
Benzo(b)fluoranthene	50.00	59.66	57.88	119	116	65-124	YES	3	30	YES
Benzo(k)fluoranthene	50.00	58.86	60.66	118	121	67-124	YES	3	30	YES
Benzo(a)pyrene	50.00	58.57	59.42	117	119	68-121	YES	1	30	YES
Indeno(1,2,3-cd)pyrene	50.00	54.80	55.23	110	110	61-124	YES	1	30	YES
Dibenz(a,h)anthracene	50.00	60.54	61.88	121	124	70-131	YES	2	30	YES
Benzo(g,h,i)perylene	50.00	55.07	55.62	110	111	67-126	YES	1	30	YES

N/C = Could not calculate

Lab Chronicle: _____ Ent. by _____

_____ Ver. by _____

Lancaster Laboratories, Inc.

WATER Semi Volatile Laboratory Control Sample Recovery

LAB NAME: LANCASTER LABS LAB CODE: LANCAS INSTRUMENT: HP10623

Method: SW-846 8270C File ID: ch0825.d

LCS SAMPLE NO: 236WBLCS BATCH: 07236WAB026 Sample Code: 236WBLCS5

COMPOUND NAME	SPIKE LEVEL	LCS CONC UG/L	QCREF REC %	RANGE LOWER-UPPER	INSPEC
N-Nitrosodimethylamine	50.00	27.87	56	39 - 84	YES
Phenol	50.00	23.63	47	31 - 60	YES
bis(2-Chloroethyl)ether	50.00	48.87	98	75 - 109	YES
2-Chlorophenol	50.00	47.94	96	77 - 103	YES
1,3-Dichlorobenzene	50.00	40.45	81	52 - 106	YES
1,4-Dichlorobenzene	50.00	43.16	86	54 - 103	YES
Benzyl alcohol	50.00	44.43	89	64 - 98	YES
1,2-Dichlorobenzene	50.00	42.77	86	58 - 100	YES
2-Methylphenol	50.00	45.23	90	56 - 105	YES
2,2'-oxybis(1-Chloropropane	50.00	56.76	114	37 - 138	YES
bis(2-Chloroisopropyl)ether	50.00	56.76	114	37 - 138	YES
N-Nitroso-di-n-propylamine	50.00	51.93	104	71 - 107	YES
4-Methylphenol	50.00	41.51	83	62 - 99	YES
Hexachloroethane	50.00	39.70	79	40 - 117	YES
Nitrobenzene	50.00	45.85	92	61 - 111	YES
Isophorone	50.00	43.56	87	63 - 105	YES
2-Nitrophenol	50.00	52.06	104	82 - 121	YES
2,4-Dimethylphenol	50.00	47.39	95	60 - 107	YES
bis(2-Chloroethoxy)methane	50.00	53.89	108	69 - 119	YES
2,4-Dichlorophenol	50.00	49.23	98	66 - 110	YES
1,2,4-Trichlorobenzene	50.00	43.38	87	61 - 113	YES
Naphthalene	50.00	45.74	91	68 - 108	YES
4-Chloroaniline	50.00	47.12	94	42 - 115	YES
Hexachlorobutadiene	50.00	40.37	81	35 - 135	YES
4-Chloro-3-methylphenol	50.00	52.29	105	72 - 114	YES
2-Methylnaphthalene	50.00	47.19	94	64 - 105	YES
Hexachlorocyclopentadiene	100.00	86.31	86	23 - 143	YES
2,4,6-Trichlorophenol	50.00	46.15	92	69 - 111	YES
2,4,5-Trichlorophenol	50.00	47.25	95	70 - 115	YES
2-Chloronaphthalene	50.00	33.74	67	56 - 100	YES
2-Nitroaniline	50.00	50.93	102	73 - 115	YES
Dimethylphthalate	50.00	46.59	93	69 - 106	YES
2,6-Dinitrotoluene	50.00	51.69	103	70 - 108	YES
Acenaphthylene	50.00	54.10	108	67 - 123	YES
3-Nitroaniline	50.00	51.68	103	63 - 112	YES
Acenaphthene	50.00	48.76	98	68 - 111	YES
2,4-Dinitrophenol	50.00	45.16	90	46 - 128	YES
4-Nitrophenol	50.00	26.50	53	12 - 78	YES
Dibenzofuran	50.00	48.36	97	79 - 106	YES
2,4-Dinitrotoluene	50.00	52.93	106	75 - 122	YES
Diethylphthalate	50.00	51.04	102	79 - 108	YES
Fluorene	50.00	51.07	102	72 - 119	YES
4-Chlorophenyl-phenylether	50.00	49.26	99	79 - 110	YES
4-Nitroaniline	50.00	44.30	89	51 - 104	YES
4,6-Dinitro-2-methylphenol	50.00	51.14	102	66 - 123	YES
N-Nitrosodiphenylamine	50.00	47.73	95	75 - 112	YES
4-Bromophenyl-phenylether	50.00	47.34	95	67 - 110	YES
Hexachlorobenzene	50.00	49.27	99	68 - 113	YES
Pentachlorophenol	50.00	40.21	80	48 - 108	YES
Phenanthrene	50.00	49.62	99	68 - 111	YES
Anthracene	50.00	48.72	97	68 - 108	YES
Carbazole	50.00	52.55	105	80 - 110	YES
Di-n-butylphthalate	50.00	50.20	100	77 - 114	YES
Fluoranthene	50.00	47.46	95	66 - 112	YES
Pyrene	50.00	47.72	95	68 - 116	YES
Butylbenzylphthalate	50.00	47.82	96	63 - 120	YES
3,3'-Dichlorobenzidine	50.00	37.43	75	45 - 111	YES
Benzo(a)anthracene	50.00	49.43	99	70 - 114	YES
Chrysene	50.00	48.18	96	70 - 111	YES

NC = Could not calculate

Comments: _____

8322

Lancaster Laboratories, Inc.
WATER Semi Volatile Laboratory Control Sample Recovery

LAB NAME: LANCASTER LABS LAB CODE: LANCAS INSTRUMENT: HP10623

Method: SW-846 8270C File ID: ch0825.d

LCS SAMPLE NO: 236WBLCS BATCH: 07236WAB026 Sample Code: 236WBLCS5

COMPOUND NAME	SPIKE LEVEL	LCS CONC UG/L	QCREF REC %	RANGE LOWER-UPPER	INSPEC
bis(2-Ethylhexyl)phthalate	50.00	46.72	93	62 - 126	YES
Di-n-octylphthalate	50.00	52.85	106	71 - 125	YES
Benzo(b)fluoranthene	50.00	48.11	96	65 - 124	YES
Benzo(k)fluoranthene	50.00	54.82	110	67 - 124	YES
Benzo(a)pyrene	50.00	50.00	100	68 - 121	YES
Indeno(1,2,3-cd)pyrene	50.00	47.18	94	61 - 124	YES
Dibenz(a,h)anthracene	50.00	51.18	102	70 - 131	YES
Benzo(g,h,i)perylene	50.00	47.20	94	67 - 126	YES

NC = Could not calculate

Comments: _____

8323

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.: SBLKWB2365

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Lab File ID: ch0824.d Lab Sample ID: SBLKWB236

Date Extracted: 08/24/07 Extraction: Sepf

Date Analyzed: 08/24/07 Time Analyzed: 20:59

Matrix (soil/water): WATER Level: (low/med) LOW

Instrument ID: HP10623

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

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
01	236WBLCS5	236WBLCS	ch0825.d	08/24/07
02	81-01	5136625	ch0826.d	08/24/07
03	OS--3	5136505	ch0845.d	08/25/07
04	OS--3MS	5136506	ch0846.d	08/25/07
05	OS--3MSD	5136507	ch0847.d	08/25/07
06	BHR01	5136184	ch0848.d	08/25/07
07	BSF06	5136485	ch0849.d	08/25/07
08	TF--5	5136497	ch0850.d	08/25/07
09	TF-23	5136498	ch0851.d	08/25/07
10	TF123	5136499	ch0852.d	08/25/07
11	BCEB1	5136500	ch0853.d	08/25/07
12	DC--2	5136502	ch0854.d	08/25/07
13	BSF06DL	5136485DL	ch0874.d	08/28/07
14	DB-8A	5136503	ch0875.d	08/28/07
15	OS--1	5136504	ch0876.d	08/28/07
16	OR--3	5136509	ch0877.d	08/28/07
17	OR--2	5136510	ch0878.d	08/28/07
18	DC--1	5136511	ch0879.d	08/28/07

COMMENTS:

6324

SEMIVOLATILE METHOD BLANK SUMMARY

SBLKWD2407

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Lab File ID: gh1139.d Lab Sample ID: SBLKWD240

Date Extracted: 08/28/07 Extraction: Sepf

Date Analyzed: 08/31/07 Time Analyzed: 11:40

Matrix (soil/water): WATER Level: (low/med) LOW

Instrument ID: HP11165

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

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
01	240WDLCS7	240WDLCS	gh1140.d	08/31/07
02	240WDLCSD7	240WDLCSD	gh1141.d	08/31/07
03	TF123	5136499	gh1142.d	08/31/07
04	W37--	5136824	gh1143.d	08/31/07
05	W35--	5136828	gh1144.d	08/31/07
06	BMW02	5137607	gh1145.d	08/31/07
07	BMW01	5137608	gh1146.d	08/31/07
08	BMW09	5137609	gh1147.d	08/31/07
09	ED18S	5138196	gh1148.d	08/31/07
10	15875	5138301	gh1149.d	08/31/07
11	43875	5138303	gh1151.d	08/31/07
12	12875	5138304	gh1152.d	08/31/07
13	13875	5138305	gh1153.d	08/31/07
14	16875	5138306	gh1154.d	08/31/07
15	W37--DL	5136824DL	gh1178.d	09/01/07
16	53875	5138302	gh1179.d	09/01/07
17	12875DL	5138304DL	gh1180.d	09/01/07
18	39875	5138307	gh1181.d	09/01/07
19	40875	5138308	gh1182.d	09/01/07
20	610FS	5138575	gh1183.d	09/01/07
21	610FSMS	5138576	gh1184.d	09/01/07
22	610FD	5138579	gh1185.d	09/01/07
23	GLSFB	5139363	gh1186.d	09/01/07
24	40875DL	5138308DL	gi0040.d	09/04/07

COMMENTS:

0325

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Lab File ID: ch0681a.d DFTPP Injection Date: 08/22/07

Instrument ID: HP10623 DFTPP Injection Time: 10:10

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	34.4
68	Less than 2.0% of mass 69	0.68 (1.68)1
69	Mass 69 relative abundance	40.7
70	Less than 2.0% of mass 69	0.21 (0.52)1
127	40.0 - 60.0% of mass 198	53.2
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	6.68
275	10.0 - 30.0% of mass 198	27.1
365	Greater than 1.00% of mass 198	4.23
441	Present, and less than mass 443	12.2
442	Greater than 40.0 % of mass 198	85.9
443	17.0 - 23.0% of mass 442	15.6 (18.2)2

1-Value is % mass 69 2-Value is % mass of 442

THIS TUNE APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	SSTD050	STD2187	ch0682.d	08/22/07	10:29
02	SSTD030	STD2187	ch0683.d	08/22/07	10:53
03	SSTD005	STD2187	ch0684.d	08/22/07	11:14
04	SSTD015	STD2187	ch0685.d	08/22/07	11:35
05	SSTD080	STD2187	ch0686.d	08/22/07	11:55
06	SSTD120	STD2187	ch0687.d	08/22/07	12:16
07	SSTD001	8270MDL2187	ch0688.d	08/22/07	12:37
08	SSTD050	ICV1387	ch0689.d	08/22/07	12:58

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Lab File ID: ch0860z.d DFTPP Injection Date: 08/27/07

Instrument ID: HP10623 DFTPP Injection Time: 19:39

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	34.2
68	Less than 2.0% of mass 69	0.57 (1.43)1
69	Mass 69 relative abundance	40.1
70	Less than 2.0% of mass 69	0.3 (0.75)1
127	40.0 - 60.0% of mass 198	52.7
197	Less than 1.0% of mass 198	0.36
198	Base peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	6.83
275	10.0 - 30.0% of mass 198	28.4
365	Greater than 1.00% of mass 198	4.14
441	Present, and less than mass 443	14.4
442	Greater than 40.0 % of mass 198	92.6
443	17.0 - 23.0% of mass 442	17.5 (19.0)2

1-Value is % mass 69 2-Value is % mass of 442

THIS TUNE APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	SSTD080	STD2187	ch0861.d	08/27/07	19:56
02	SBLKWB2375	SBLKWB237	ch0862.d	08/27/07	20:23
03	237WBLCS5	237WBLCS	ch0863.d	08/27/07	20:44
04	SBLKLE2375	SBLKLE237	ch0864.d	08/27/07	21:05
05	237LELCS5	237LELCS	ch0865.d	08/27/07	21:25
06	82301	5137222	ch0866.d	08/27/07	21:46
07	82302	5137223	ch0867.d	08/27/07	22:07
08	82303	5137224	ch0868.d	08/27/07	22:27
09	82304	5137225	ch0869.d	08/27/07	22:48
10	82305	5137226	ch0870.d	08/27/07	23:09
11	82306	5137227	ch0871.d	08/27/07	23:29
12	82307	5137228	ch0872.d	08/27/07	23:50
13	82308	5137229	ch0873.d	08/28/07	00:10
14	BSF06DL	5136485DL	ch0874.d	08/28/07	00:31
15	DB-8A	5136503	ch0875.d	08/28/07	00:51
16	OS--1	5136504	ch0876.d	08/28/07	01:12
17	OR--3	5136509	ch0877.d	08/28/07	01:33
18	OR--2	5136510	ch0878.d	08/28/07	01:53

0327

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Lab File ID: ch0860z.d DFTPP Injection Date: 08/27/07

Instrument ID: HP10623 DFTPP Injection Time: 19:39

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	34.2
68	Less than 2.0% of mass 69	0.57 (1.43)1
69	Mass 69 relative abundance	40.1
70	Less than 2.0% of mass 69	0.3 (0.75)1
127	40.0 - 60.0% of mass 198	52.7
197	Less than 1.0% of mass 198	0.36
198	Base peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	6.83
275	10.0 - 30.0% of mass 198	28.4
365	Greater than 1.00% of mass 198	4.14
441	Present, and less than mass 443	14.4
442	Greater than 40.0 % of mass 198	92.6
443	17.0 - 23.0% of mass 442	17.5 (19.0)2

1-Value is % mass 69 2-Value is % mass of 442

THIS TUNE APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
19	DC--1	5136511	ch0879.d	08/28/07	02:13
20	-G21D	5137012	ch0880.d	08/28/07	02:34
21	-G21DMS	5137013	ch0881.d	08/28/07	02:54
22	-G21DMSD	5137014	ch0882.d	08/28/07	03:15
23	FDG21	5137020	ch0883.d	08/28/07	03:36
24	T22S-	5137022	ch0884.d	08/28/07	03:56
25	T22D-	5137024	ch0885.d	08/28/07	04:17
26	EB4--	5137026	ch0886.d	08/28/07	04:38

0328

FORM V SV

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Lab File ID: ch0820.d DFTPP Injection Date: 08/24/07

Instrument ID: HP10623 DFTPP Injection Time: 19:26

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	33.2
68	Less than 2.0% of mass 69	0.74 (1.95)1
69	Mass 69 relative abundance	37.7
70	Less than 2.0% of mass 69	0.24 (0.64)1
127	40.0 - 60.0% of mass 198	51.8
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	7.51
275	10.0 - 30.0% of mass 198	27.6
365	Greater than 1.00% of mass 198	3.85
441	Present, and less than mass 443	14.4
442	Greater than 40.0 % of mass 198	93.1
443	17.0 - 23.0% of mass 442	16.9 (18.1)2

1-Value is % mass 69 2-Value is % mass of 442

THIS TUNE APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	SSTD050	STD2187	ch0821.d	08/24/07	19:41
02	SBLKWC2365	SBLKWC236	ch0822.d	08/24/07	20:17
03	236WCLCS5	236WCLCS	ch0823.d	08/24/07	20:38
04	SBLKWB2365	SBLKWB236	ch0824.d	08/24/07	20:59
05	236WBLCS5	236WBLCS	ch0825.d	08/24/07	21:19
06	81-01	5136625	ch0826.d	08/24/07	21:40
07	NV-S3RE	5129798RE	ch0827.d	08/24/07	22:01
08	210WN	5130386	ch0828.d	08/24/07	22:22
09	210WNMS	5130386	ch0829.d	08/24/07	22:42
10	210WNMSD	5130386	ch0830.d	08/24/07	23:03
11	NV802	5134942	ch0831.d	08/24/07	23:24
12	NV802MS	5134942	ch0832.d	08/24/07	23:45
13	NV801	5134945	ch0833.d	08/25/07	00:06
14	N8956	5133615	ch0835.d	08/25/07	00:47
15	N8956MS	5133615	ch0836.d	08/25/07	01:08
16	23483	5135042	ch0837.d	08/25/07	01:29
17	IDW1N	5135161	ch0838.d	08/25/07	01:50
18	IDW2N	5135164	ch0839.d	08/25/07	02:11

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Lab File ID: ch0820.d DFTPP Injection Date: 08/24/07

Instrument ID: HP10623 DFTPP Injection Time: 19:26

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	33.2
68	Less than 2.0% of mass 69	0.74 (1.95)1
69	Mass 69 relative abundance	37.7
70	Less than 2.0% of mass 69	0.24 (0.64)1
127	40.0 - 60.0% of mass 198	51.8
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	7.51
275	10.0 - 30.0% of mass 198	27.6
365	Greater than 1.00% of mass 198	3.85
441	Present, and less than mass 443	14.4
442	Greater than 40.0 % of mass 198	93.1
443	17.0 - 23.0% of mass 442	16.9 (18.1)2

1-Value is % mass 69 2-Value is % mass of 442

THIS TUNE APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
19	NV062	5135339	ch0840.d	08/25/07	02:32
20	NV062MS	5135339	ch0841.d	08/25/07	02:53
21	NV087	5135341	ch0842.d	08/25/07	03:13
22	1804T	5136543	ch0843.d	08/25/07	03:34
23	1804F	5136544	ch0844.d	08/25/07	03:55
24	OS--3	5136505	ch0845.d	08/25/07	04:16
25	OS--3MS	5136506	ch0846.d	08/25/07	04:37
26	OS--3MSD	5136507	ch0847.d	08/25/07	04:58
27	BHR01	5136184	ch0848.d	08/25/07	05:19
28	BSF06	5136485	ch0849.d	08/25/07	05:40
29	TF--5	5136497	ch0850.d	08/25/07	06:01
30	TF-23	5136498	ch0851.d	08/25/07	06:22
31	TF123	5136499	ch0852.d	08/25/07	06:43
32	BCEB1	5136500	ch0853.d	08/25/07	07:03
33	DC--2	5136502	ch0854.d	08/25/07	07:25

0330

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Lab File ID: gh1030z.d DFTPP Injection Date: 08/29/07

Instrument ID: HP11165 DFTPP Injection Time: 16:03

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	56.3
68	Less than 2.0% of mass 69	0.68 (1.1)1
69	Mass 69 relative abundance	62.1
70	Less than 2.0% of mass 69	0.32 (0.51)1
127	40.0 - 60.0% of mass 198	55.5
197	Less than 1.0% of mass 198	0.41
198	Base peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	6.38
275	10.0 - 30.0% of mass 198	24.4
365	Greater than 1.00% of mass 198	2.66
441	Present, and less than mass 443	10.4
442	Greater than 40.0 % of mass 198	65.5
443	17.0 - 23.0% of mass 442	13.0 (19.9)2

1-Value is % mass 69 2-Value is % mass of 442

THIS TUNE APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	SSTD030	STD2407	gh1031a.d	08/29/07	16:19
02	SSTD120	STD2407	gh1032.d	08/29/07	16:43
03	SSTD080	STD2407	gh1033.d	08/29/07	17:08
04	SSTD050	STD2407	gh1034.d	08/29/07	17:32
05	SSTD015	STD2407	gh1035.d	08/29/07	17:57
06	SSTD005	STD2407	gh1036.d	08/29/07	18:22
07	SSTD001	8270MDL2407	gh1037.d	08/29/07	18:46
08	SSTD050	ICV1387	gh1038.d	08/29/07	19:10
09	SSTD050	PDA2407	gh1039.d	08/29/07	19:35
10	SSTD120	PDA2407	gh1040.d	08/29/07	19:59
11	SSTD080	PDA2407	gh1041.d	08/29/07	20:24
12	SSTD030	PDA2407	gh1042.d	08/29/07	20:49
13	SSTD015	PDA2407	gh1043.d	08/29/07	21:13
14	SSTD005	PDA2407	gh1044.d	08/29/07	21:38
15	SSTD001	PDAMDL2407	gh1045.d	08/29/07	22:03
16	SBLKWE2407	SBLKWE240	gh1046.d	08/29/07	22:27
17	240WELCS7	240WELCS	gh1047.d	08/29/07	22:52
18	240WELCSD7	240WELCSD	gh1048.d	08/29/07	23:17

8331

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Lab File ID: gh1030z.d DFTPP Injection Date: 08/29/07

Instrument ID: HP11165 DFTPP Injection Time: 16:03

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	56.3
68	Less than 2.0% of mass 69	0.68 (1.1)1
69	Mass 69 relative abundance	62.1
70	Less than 2.0% of mass 69	0.32 (0.51)1
127	40.0 - 60.0% of mass 198	55.5
197	Less than 1.0% of mass 198	0.41
198	Base peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	6.38
275	10.0 - 30.0% of mass 198	24.4
365	Greater than 1.00% of mass 198	2.66
441	Present, and less than mass 443	10.4
442	Greater than 40.0 % of mass 198	65.5
443	17.0 - 23.0% of mass 442	13.0 (19.9)2

1-Value is % mass 69 2-Value is % mass of 442

THIS TUNE APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
19	SBLKLD2407	SBLKLD240	gh1049.d	08/29/07	23:41
20	240LDLCS7	240LDLCS	gh1050.d	08/30/07	00:06
21	ARE3A	5138150	gh1051.d	08/30/07	00:31
22	ARE3AMS	5138150	gh1052.d	08/30/07	00:55
23	ARE3AMSD	5138150	gh1053.d	08/30/07	01:20
24	15721	5136302	gh1054.d	08/30/07	01:45
25	INW09DL	5136263DL	gh1055.d	08/30/07	02:09
26	DEEFF	5137010	gh1056.d	08/30/07	02:34
27	DEMID	5137011	gh1057.d	08/30/07	02:59
28	GW1S-	5138090	gh1058.d	08/30/07	03:23
29	GW2S-	5138091	gh1059.d	08/30/07	03:48

6332

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Lab File ID: gh113z.d DFTPP Injection Date: 08/31/07

Instrument ID: HP11165 DFTPP Injection Time: 08:29

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	58.8
68	Less than 2.0% of mass 69	1.15 (1.75)1
69	Mass 69 relative abundance	65.9
70	Less than 2.0% of mass 69	0.16 (0.25)1
127	40.0 - 60.0% of mass 198	59.0
197	Less than 1.0% of mass 198	0.19
198	Base peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	6.96
275	10.0 - 30.0% of mass 198	22.5
365	Greater than 1.00% of mass 198	3.41
441	Present, and less than mass 443	11.3
442	Greater than 40.0 % of mass 198	69.1
443	17.0 - 23.0% of mass 442	12.4 (18.0)2

1-Value is % mass 69 2-Value is % mass of 442

THIS TUNE APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	SSTD030	STD2407	gh1131.d	08/31/07	08:45
02	SSTD030	NND1987	gh1132.d	08/31/07	09:12
03	SBLKWC2427	SBLKWC242	gh1134.d	08/31/07	09:37
04	242WCLCS7	242WCLCS	gh1135.d	08/31/07	10:01
05	242WCLCSD7	242WCLCSD	gh1136.d	08/31/07	10:26
06	SBLKWD2407	SBLKWD240	gh1139.d	08/31/07	11:40
07	240WDLCS7	240WDLCS	gh1140.d	08/31/07	12:05
08	240WDLCSD7	240WDLCSD	gh1141.d	08/31/07	12:29
09	TF123	5136499	gh1142.d	08/31/07	12:54
10	W37--	5136824	gh1143.d	08/31/07	13:18
11	W35--	5136828	gh1144.d	08/31/07	13:43
12	BMW02	5137607	gh1145.d	08/31/07	14:07
13	BMW01	5137608	gh1146.d	08/31/07	14:32
14	BMW09	5137609	gh1147.d	08/31/07	14:56
15	ED18S	5138196	gh1148.d	08/31/07	15:21
16	15875	5138301	gh1149.d	08/31/07	15:44
17	43875	5138303	gh1151.d	08/31/07	16:59
18	12875	5138304	gh1152.d	08/31/07	17:23

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Lab File ID: gh113z.d DFTPP Injection Date: 08/31/07

Instrument ID: HP11165 DFTPP Injection Time: 08:29

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	58.8
68	Less than 2.0% of mass 69	1.15 (1.75)1
69	Mass 69 relative abundance	65.9
70	Less than 2.0% of mass 69	0.16 (0.25)1
127	40.0 - 60.0% of mass 198	59.0
197	Less than 1.0% of mass 198	0.19
198	Base peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	6.96
275	10.0 - 30.0% of mass 198	22.5
365	Greater than 1.00% of mass 198	3.41
441	Present, and less than mass 443	11.3
442	Greater than 40.0 % of mass 198	69.1
443	17.0 - 23.0% of mass 442	12.4 (18.0)2

1-Value is % mass 69 2-Value is % mass of 442

THIS TUNE APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
19	13875	5138305	gh1153.d	08/31/07	17:47
20	16875	5138306	gh1154.d	08/31/07	18:12

0334

FORM V SV

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: LANCASTER LABS Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Lab File ID (Standard): ch0861.d Date Analyzed: 08/27/07

Instrument ID: HP10623 Time Analyzed: 19:56

		IS1(DCB)		IS2(NPT)		IS3(ANT)	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
	12 HOUR STD	81090	4.326	350249	5.482	211012	6.951
	UPPER LIMIT	162180	4.826	700498	5.982	422024	7.451
	LOWER LIMIT	40545	3.826	175125	4.982	105506	6.451
	EPA SAMPLE NO.						
01	SBLKWB2375	64211	4.320	283019	5.476	179279	6.945
02	237WBLCS5	67444	4.326	291144	5.476	182010	6.945
03	SBLKLE2375	66571	4.320	285100	5.476	179461	6.945
04	237LELCS5	71540	4.320	316053	5.476	195669	6.945
05	82301	67288	4.320	290014	5.476	177036	6.945
06	82302	65024	4.320	282923	5.476	177007	6.945
07	82303	68481	4.319	292547	5.475	180263	6.945
08	82304	67503	4.320	289953	5.476	179815	6.945
09	82305	65837	4.320	280711	5.476	172991	6.945
10	82306	65226	4.320	281922	5.476	175037	6.945
11	82307	66932	4.320	287601	5.476	180241	6.945
12	82308	63342	4.320	277022	5.476	172022	6.945
13	BSF06DL	62491	4.320	282872	5.476	178561	6.945
14	DB-8A	73743	4.320	330390	5.476	199955	6.945
15	OS--1	68932	4.320	305683	5.476	192208	6.945
16	OR--3	69379	4.320	306737	5.476	190983	6.945
17	OR--2	71428	4.320	313452	5.476	194928	6.945

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT (advisory) = +100% of internal standard area
AREA LOWER LIMIT (advisory) = -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 internal standard are and RT values with an asterisk
* Values outside of QC limits.

8335

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: LANCASTER LABS Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Lab File ID (Standard): ch0861.d Date Analyzed: 08/27/07

Instrument ID: HP10623 Time Analyzed: 19:56

		IS1(DCB)		IS2(NPT)		IS3(ANT)	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
	12 HOUR STD	81090	4.326	350249	5.482	211012	6.951
	UPPER LIMIT	162180	4.826	700498	5.982	422024	7.451
	LOWER LIMIT	40545	3.826	175125	4.982	105506	6.451
	EPA SAMPLE NO.						
18	DC--1	67663	4.320	296180	5.476	184616	6.945
19	-G21D	63169	4.319	285659	5.475	181354	6.945
20	-G21DMS	67965	4.326	305005	5.476	188216	6.945
21	-G21DMSD	68755	4.326	309575	5.476	193022	6.951
22	FDG21	64072	4.320	285203	5.476	175981	6.945
23	T22S-	65739	4.320	289839	5.476	181704	6.945
24	T22D-	66136	4.320	300238	5.476	187570	6.945
25	EB4--	64833	4.320	286479	5.476	183456	6.945

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT (advisory) = +100% of internal standard area
AREA LOWER LIMIT (advisory) = -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 internal standard are and RT values with an asterisk
* Values outside of QC limits.

6336

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: LANCASTER LABS Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Lab File ID (Standard): ch0861.d Date Analyzed: 08/27/07

Instrument ID: HP10623 Time Analyzed: 19:56

		IS4(PHN)		IS5(CRY)		IS6(PRY)	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
	12 HOUR STD	392127	8.156	338736	10.290	324702	11.385
	UPPER LIMIT	784254	8.656	677472	10.790	649404	11.885
	LOWER LIMIT	196064	7.656	169368	9.790	162351	10.885
	EPA SAMPLE NO.						
01	SBLKWB2375	339376	8.150	313274	10.284	289457	11.385
02	237WBLCS5	323127	8.150	285749	10.284	268394	11.385
03	SBLKLE2375	334665	8.150	303790	10.278	272011	11.378
04	237LELCS5	354961	8.150	308667	10.284	266752	11.385
05	82301	330733	8.150	294574	10.278	264359	11.378
06	82302	328020	8.150	299377	10.284	264578	11.378
07	82303	339568	8.150	303281	10.278	263403	11.378
08	82304	337485	8.150	296720	10.284	258774	11.378
09	82305	329416	8.150	295624	10.284	255440	11.378
10	82306	329468	8.150	292387	10.284	254957	11.378
11	82307	335096	8.150	302855	10.284	264629	11.378
12	82308	311953	8.150	284910	10.278	243743	11.378
13	BSF06DL	323838	8.150	299854	10.284	257973	11.378
14	DB-8A	367852	8.150	325009	10.278	284589	11.378
15	OS--1	347494	8.150	326042	10.284	284708	11.378
16	OR--3	335806	8.150	301576	10.278	264411	11.378
17	OR--2	350777	8.150	323946	10.278	285392	11.378

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT (advisory) = +100% of internal standard area
AREA LOWER LIMIT (advisory) = -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 internal standard are and RT values with an asterisk
* Values outside of QC limits.

8337

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: LANCASTER LABS Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Lab File ID (Standard): ch0861.d Date Analyzed: 08/27/07

Instrument ID: HP10623 Time Analyzed: 19:56

		IS4(PHN)		IS5(CRY)		IS6(PRY)	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
	12 HOUR STD	392127	8.156	338736	10.290	324702	11.385
	UPPER LIMIT	784254	8.656	677472	10.790	649404	11.885
	LOWER LIMIT	196064	7.656	169368	9.790	162351	10.885
	EPA SAMPLE NO.						
18	DC--1	326789	8.150	291348	10.278	258185	11.378
19	-G21D	329436	8.150	300736	10.284	273674	11.378
20	-G21DMS	328199	8.150	281566	10.284	264991	11.385
21	-G21DMSD	330458	8.150	279879	10.284	258029	11.378
22	FDG21	324817	8.150	291882	10.278	269739	11.378
23	T22S-	330060	8.150	298884	10.278	273001	11.378
24	T22D-	336845	8.150	309521	10.278	279717	11.378
25	EB4--	332166	8.150	298318	10.278	267945	11.378

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT (advisory) = +100% of internal standard area
AREA LOWER LIMIT (advisory) = -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 internal standard are and RT values with an asterisk
* Values outside of QC limits.

6338

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: LANCASTER LABS Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Lab File ID (Standard): ch0821.d Date Analyzed: 08/24/07

Instrument ID: HP10623 Time Analyzed: 19:41

		IS1(DCB) AREA	#	RT	#	IS2(NPT) AREA	#	RT	#	IS3(ANT) AREA	#	RT	#
	12 HOUR STD	58312		4.350		289725		5.500		200575		6.970	
	UPPER LIMIT	116624		4.850		579450		6.000		401150		7.470	
	LOWER LIMIT	29156		3.850		144863		5.000		100288		6.470	
	EPA SAMPLE NO.												
01	SBLKWC2365	61992		4.344		265677		5.500		169451		6.970	
02	236WCLCS5	58809		4.350		276288		5.500		191419		6.970	
03	SBLKWB2365	63983		4.344		275569		5.500		170502		6.970	
04	236WBLCS5	55353		4.344		273836		5.500		195129		6.970	
05	81-01	60293		4.344		257766		5.500		163704		6.970	
06	NV-S3RE	61394		4.344		265173		5.500		169663		6.970	
07	210WN	62361		4.344		267065		5.500		165017		6.970	
08	210WNMS	56531		4.344		277138		5.500		198136		6.970	
09	210WNMSD	57133		4.344		276348		5.500		190159		6.970	
10	NV802	57772		4.344		276625		5.500		188295		6.970	
11	NV802MS	58157		4.344		281839		5.500		197945		6.970	
12	NV801	65927		4.344		310534		5.500		202971		6.970	
13	N8956	60739		4.344		284327		5.500		196017		6.970	
14	N8956MS	61617		4.344		293461		5.500		208711		6.970	
15	23483	64849		4.344		288242		5.500		185992		6.970	
16	IDW1N	65901		4.344		297656		5.500		190967		6.970	
17	IDW2N	63267		4.344		282245		5.500		182814		6.970	

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT (advisory) = +100% of internal standard area
AREA LOWER LIMIT (advisory) = -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 internal standard are and RT values with an asterisk
* Values outside of QC limits.

0339

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: LANCASTER LABS Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Lab File ID (Standard): ch0821.d Date Analyzed: 08/24/07

Instrument ID: HP10623 Time Analyzed: 19:41

		IS1(DCB)		IS2(NPT)		IS3(ANT)	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
	12 HOUR STD	58312	4.350	289725	5.500	200575	6.970
	UPPER LIMIT	116624	4.850	579450	6.000	401150	7.470
	LOWER LIMIT	29156	3.850	144863	5.000	100288	6.470
	EPA SAMPLE NO.						
18	NV062	61884	4.344	266502	5.500	173511	6.970
19	NV062MS	66308	4.344	314909	5.500	203551	6.970
20	NV087	59485	4.344	256945	5.500	165341	6.970
21	1804T	64443	4.344	277822	5.500	179190	6.970
22	1804F	62938	4.344	274332	5.500	177443	6.970
23	OS--3	64484	4.344	285293	5.500	182881	6.970
24	OS--3MS	60179	4.344	292112	5.500	207503	6.970
25	OS--3MSD	68502	4.344	318112	5.500	203660	6.970
26	BHR01	64258	4.344	277748	5.500	172130	6.970
27	BSF06	65699	4.344	295509	5.500	189118	6.970
28	TF--5	64251	4.344	283362	5.500	177886	6.970
29	TF-23	69503	4.344	305339	5.500	190888	6.970
30	TF123	68237	4.344	301417	5.500	190936	6.970
31	BCEB1	67168	4.344	301903	5.500	196536	6.970
32	DC--2	67560	4.344	296673	5.500	182656	6.970

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT (advisory) = +100% of internal standard area
AREA LOWER LIMIT (advisory) = -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 internal standard are and RT values with an asterisk
* Values outside of QC limits.

0340

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: LANCASTER LABS Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Lab File ID (Standard): ch0821.d Date Analyzed: 08/24/07

Instrument ID: HP10623 Time Analyzed: 19:41

		IS4(PHN)		IS5(CRY)		IS6(PRY)	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
	12 HOUR STD	396794	8.175	395653	10.315	377521	11.415
	UPPER LIMIT	793588	8.675	791306	10.815	755042	11.915
	LOWER LIMIT	198397	7.675	197827	9.815	188761	10.915
	EPA SAMPLE NO.						
01	SBLKWC2365	319487	8.175	298838	10.308	267020	11.409
02	236WCLCS5	375617	8.175	344088	10.315	287358	11.415
03	SBLKWB2365	311313	8.175	289292	10.309	246422	11.409
04	236WBLCS5	384354	8.175	363335	10.315	317215	11.415
05	81-01	306324	8.175	288938	10.309	255192	11.409
06	NV-S3RE	319656	8.175	290817	10.308	248090	11.409
07	210WN	307256	8.175	271818	10.309	224693	11.409
08	210WNMS	400328	8.175	373244	10.315	317941	11.415
09	210WNMSD	386943	8.175	365102	10.315	311858	11.415
10	NV802	365900	8.175	351725	10.309	299189	11.409
11	NV802MS	393705	8.175	393312	10.315	350225	11.415
12	NV801	375762	8.175	347803	10.308	292484	11.409
13	N8956	372675	8.175	358811	10.308	305593	11.409
14	N8956MS	389435	8.175	347600	10.308	289159	11.409
15	23483	343116	8.175	309475	10.308	269670	11.409
16	IDW1N	345416	8.175	323271	10.308	271382	11.409
17	IDW2N	329909	8.175	303052	10.309	257833	11.409

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT (advisory) = +100% of internal standard area
AREA LOWER LIMIT (advisory) = -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 internal standard are and RT values with an asterisk
* Values outside of QC limits.

8341

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: LANCASTER LABS Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Lab File ID (Standard): ch0821.d Date Analyzed: 08/24/07

Instrument ID: HP10623 Time Analyzed: 19:41

		IS4(PHN)		IS5(CRY)		IS6(PRY)	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
	12 HOUR STD	396794	8.175	395653	10.315	377521	11.415
	UPPER LIMIT	793588	8.675	791306	10.815	755042	11.915
	LOWER LIMIT	198397	7.675	197827	9.815	188761	10.915
	EPA SAMPLE NO.						
18	NV062	326774	8.175	303177	10.308	264619	11.409
19	NV062MS	382893	8.175	326788	10.308	279205	11.409
20	NV087	312360	8.175	294387	10.308	256838	11.409
21	1804T	333052	8.169	307270	10.309	264684	11.409
22	1804F	327674	8.169	291004	10.308	245541	11.409
23	OS--3	334549	8.169	311981	10.309	266461	11.409
24	OS--3MS	390784	8.175	371461	10.309	317523	11.409
25	OS--3MSD	372265	8.175	313592	10.308	267113	11.409
26	BHR01	317183	8.169	285091	10.308	242476	11.409
27	BSF06	346866	8.169	320633	10.309	274679	11.409
28	TF--5	326080	8.169	299409	10.309	260114	11.409
29	TF-23	345620	8.169	313532	10.309	271421	11.409
30	TF123	353162	8.169	317366	10.309	270797	11.409
31	BCEB1	355543	8.169	330068	10.302	281500	11.409
32	DC--2	324109	8.169	287025	10.308	250419	11.409

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT (advisory) = +100% of internal standard area
AREA LOWER LIMIT (advisory) = -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 internal standard are and RT values with an asterisk
* Values outside of QC limits.

6342

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: LANCASTER LABS Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Lab File ID (Standard): gh1131.d Date Analyzed: 08/31/07

Instrument ID: HP11165 Time Analyzed: 08:45

		IS1(DCB)		IS2(NPT)		IS3(ANT)	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
	12 HOUR STD	186428	4.826	838306	5.981	498972	7.463
	UPPER LIMIT	372856	5.326	1676612	6.481	997944	7.963
	LOWER LIMIT	93214	4.326	419153	5.481	249486	6.963
	EPA SAMPLE NO.						
01	SBLKWC2427	202043	4.824	880933	5.980	526625	7.456
02	242WCLCS7	181742	4.824	821249	5.980	480323	7.461
03	242WCLCSD7	183379	4.824	822427	5.979	478932	7.461
04	SBLKWD2407	177521	4.824	749877	5.979	444295	7.456
05	240WDLCS7	177738	4.824	775741	5.979	451928	7.461
06	240WDLCSD7	198265	4.824	870660	5.979	500766	7.461
07	TF123	183593	4.824	806157	5.979	473127	7.456
08	W37--	195851	4.824	835958	5.985	508469	7.461
09	W35--	201790	4.824	864624	5.979	506789	7.461
10	BMW02	192237	4.824	646986	5.990	519100	7.461
11	BMW01	193046	4.824	838966	5.979	585881	7.456
12	BMW09	206485	4.824	899802	5.979	550947	7.456
13	ED18S	192448	4.824	845031	5.979	491493	7.456
14	15875	199488	4.824	859107	5.980	500406	7.461
15	43875	212853	4.824	893669	5.979	517762	7.461
16	12875	212043	4.840	846165	5.990	557090	7.461
17	13875	192872	4.824	820874	5.979	486079	7.461

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT (advisory) = +100% of internal standard area
AREA LOWER LIMIT (advisory) = -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 internal standard are and RT values with an asterisk
* Values outside of QC limits.

8343

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: LANCASTER LABS Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Lab File ID (Standard): gh1131.d Date Analyzed: 08/31/07

Instrument ID: HP11165 Time Analyzed: 08:45

		IS1(DCB)		IS2(NPT)		IS3(ANT)	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
	12 HOUR STD	186428	4.826	838306	5.981	498972	7.463
	UPPER LIMIT	372856	5.326	1676612	6.481	997944	7.963
	LOWER LIMIT	93214	4.326	419153	5.481	249486	6.963
	EPA SAMPLE NO.						
18	16875	199468	4.824	862412	5.980	490835	7.456

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT (advisory) = +100% of internal standard area
AREA LOWER LIMIT (advisory) = -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 internal standard are and RT values with an asterisk
* Values outside of QC limits.

6344

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: LANCASTER LABS Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Lab File ID (Standard): gh1131.d Date Analyzed: 08/31/07

Instrument ID: HP11165 Time Analyzed: 08:45

		IS4(PHN)		IS5(CRY)		IS6(PRY)	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
	12 HOUR STD	961566	8.671	858741	10.838	745877	12.244
	UPPER LIMIT	1923132	9.171	1717482	11.338	1491754	12.744
	LOWER LIMIT	480783	8.171	429371	10.338	372939	11.744
	EPA SAMPLE NO.						
01	SBLKWC2427	1030622	8.670	892175	10.831	713366	12.243
02	242WCLCS7	912028	8.675	732558	10.836	548929	12.243
03	242WCLCSD7	920189	8.675	741845	10.836	536795	12.243
04	SBLKWD2407	916124	8.670	808754	10.831	611884	12.237
05	240WDLCS7	878526	8.670	732618	10.836	560646	12.243
06	240WDLCSD7	970881	8.675	828880	10.836	636756	12.243
07	TF123	936099	8.670	823107	10.831	617630	12.237
08	W37--	970241	8.670	855440	10.836	654097	12.243
09	W35--	987531	8.670	857297	10.831	644962	12.243
10	BMW02	917183	8.670	809868	10.831	629537	12.237
11	BMW01	974934	8.670	836518	10.831	628843	12.243
12	BMW09	1043771	8.670	927750	10.831	694839	12.243
13	ED18S	967900	8.670	824453	10.836	613253	12.243
14	15875	988447	8.670	865392	10.831	644290	12.237
15	43875	996543	8.675	879126	10.831	667433	12.237
16	12875	1031232	8.675	918321	10.831	683089	12.243
17	13875	943972	8.670	822012	10.831	599848	12.243

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT (advisory) = +100% of internal standard area
AREA LOWER LIMIT (advisory) = -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 internal standard are and RT values with an asterisk
* Values outside of QC limits.

8345

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: LANCASTER LABS Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Lab File ID (Standard): gh1131.d Date Analyzed: 08/31/07

Instrument ID: HP11165 Time Analyzed: 08:45

		IS4(PHN)		IS5(CRY)		IS6(PRY)	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
	12 HOUR STD	961566	8.671	858741	10.838	745877	12.244
	UPPER LIMIT	1923132	9.171	1717482	11.338	1491754	12.744
	LOWER LIMIT	480783	8.171	429371	10.338	372939	11.744
	EPA SAMPLE NO.						
18	16875	967579	8.670	859958	10.831	626618	12.237

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT (advisory) = +100% of internal standard area
AREA LOWER LIMIT (advisory) = -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 internal standard are and RT values with an asterisk
* Values outside of QC limits.

0346

Sample Data

Extraction Method:
SW-846 3610C
Analytical Method:
SW-846 8270C
Instrument type: HP5890/5972

MDLs verified April 2007

GC/MS Semivolatile Water Composite MDL Study

Instrument ID	HP06756.I	HP06756.I	HP06756.I	HP06756.I	HP06756.I	HP06756.I	HP06756.I
Datafile	nd197.d	nd198.d	nd199.d	nd200.d	nd201.d	nd202.d	nd203.d
Injection Date	4/11/2006 10:24	4/11/2006 11:19	4/11/2006 12:14	4/11/2006 13:10	4/11/2006 14:05	4/11/2006 15:00	4/11/2006 15:56
Lab Sample ID	WATERA	WATERB	WATERC	WATERD	WATERE	WATERF	WATERG
Client Sample ID	LOWA	LOWB	LOWC	LOWD	LOWE	LOWF	LOWG
Extraction Batch	06055WAM026						

Compound Name	Concentration (ug/l)	Concentration (ug/l)	Concentration (ug/l)	Concentration (ug/l)	Concentration (ug/l)	Concentration (ug/l)	Concentration (ug/l)	Mean Concentration (ug/l)	Standard Deviation	Student T value used	Sample MDL (ug/l)	Sample Spike Level (ug/l)	Average %Rec.	Reported MDL (ug/l)
1,1'-Biphenyl	0.928	0.962	0.939	0.974	0.998	0.964	1.010	0.966	0.030	3.143	0.093	1.00	97	1
1,2,4,5-Tetrachlorobenzene	0.939	0.935	0.899	0.982	0.937	0.945	1.008	0.949	0.035	3.143	0.111	1.00	95	2
1,2,4-Trichlorobenzene	0.987	0.951	0.863	0.974	0.929	0.909	0.919	0.919	0.051	3.143	0.160	1.00	92	1
1,2-Dichlorobenzene	0.976	0.937	0.870	0.954	0.845	0.928	0.909	0.917	0.046	3.143	0.145	1.00	92	1
1,2-Diphenylhydrazine	0.802	0.825	0.770	0.778	0.795	0.804	0.758	0.790	0.023	3.143	0.072	1.00	79	1
1,3,5-Trinitrobenzene *	4.297	4.733	4.027	4.601	4.463	4.636	4.515	4.496	0.27	3.143	0.865	5.00	90	5
1,3-Dichlorobenzene	0.905	0.899	0.840	0.917	0.909	0.911	0.880	0.895	0.027	3.143	0.084	1.00	89	1
1,3-Dinitrobenzene	0.539	0.553	0.416	0.474	0.444	0.502	0.384	0.473	0.063	3.143	0.197	1.00	47	2
1,4-Dichlorobenzene	0.928	0.982	0.875	0.915	0.946	0.921	0.891	0.923	0.035	3.143	0.111	1.00	92	1
1,4-Dinitrobenzene	0.330	0.318	0.248	0.270	0.358	0.377	0.331	0.318	0.046	3.143	0.145	1.00	32	1
1,4-Dioxane	0.485	0.446	0.469	0.436	0.485	0.467	0.443	0.462	0.020	3.143	0.063	1.00	46	1
1,4-Naphthoquinone **	24.148	20.949	18.671	17.126	20.640	21.816	22.481	20.833	2.350	3.143	7.386	50.00	42	10
1-Chloronaphthalene	0.808	0.882	0.777	0.835	0.850	0.800	0.848	0.829	0.036	3.143	0.112	1.00	83	1
1-Methylnaphthalene	0.916	0.978	0.913	0.939	1.022	0.975	0.971	0.959	0.039	3.143	0.123	1.00	96	1
1-Naphthylamine *	1.411	1.674	2.004	1.649	1.805	1.751	1.903	1.743	0.19	3.143	0.604	5.00	35	6
1-Nitronaphthalene	0.779	0.778	0.760	0.728	0.748	0.775	0.609	0.742	0.062	3.143	0.196	1.00	74	1
2,2'-oxybis(1-Chloropropane)	1.124	1.026	1.014	1.092	1.048	1.024	1.077	1.058	0.041	3.143	0.129	1.00	106	1
2,3,4,6-Tetrachlorophenol	0.778	0.738	0.756	0.771	0.810	0.738	0.709	0.757	0.033	3.143	0.103	1.00	76	2
2,4,5-Trichlorophenol	0.717	0.762	0.701	0.827	0.848	0.835	0.658	0.707	0.069	3.143	0.217	1.00	71	1
2,4,6-Trichlorophenol	0.805	0.795	0.735	0.782	0.692	0.721	0.632	0.737	0.062	3.143	0.196	1.00	74	1
2,4-Dichlorophenol	0.769	0.856	0.757	0.767	0.755	0.829	0.766	0.786	0.040	3.143	0.126	1.00	79	1
2,4-Dimethylphenol	0.724	0.725	0.644	0.746	0.698	0.734	0.676	0.707	0.036	3.143	0.114	1.00	71	3
2,4-Dinitrophenol	3.499	4.072	3.559	4.153	3.632	4.007	3.195	3.731	0.354	3.143	1.112	10.00	37	20
2,4-Dinitrotoluene	0.653	0.697	0.627	0.712	0.658	0.663	0.678	0.670	0.028	3.143	0.089	1.00	67	1
2,6-Dichlorophenol	0.785	0.785	0.770	0.828	0.835	0.806	0.784	0.799	0.025	3.143	0.078	1.00	80	2
2,6-Dinitrotoluene	0.674	0.665	0.568	0.751	0.655	0.810	0.662	0.658	0.052	3.143	0.163	1.00	66	1
2-Acetylaminofluorene	0.373	0.366	0.338	0.371	0.325	0.362	0.330	0.352	0.021	3.143	0.066	1.00	35	2

Analyst name and ID (printed): Joe Gamble 346 Approved by: CMA 1412

Signature: Joe Gamble Title: SI Specialist

Extraction Method:
SW-846 3510C
Analytical Method:
SW-846 8270C
Instrument type: HP5890/5972

MDLs verified April 2007

GC/MS Semivolatile Water Composite MDL Study

Instrument ID	HP06756.I	HP06756.I	HP06756.I	HP06756.I	HP06756.I	HP06756.I	HP06756.I
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Injection Data	4/11/2006 10:24	4/11/2006 11:19	4/11/2006 12:14	4/11/2006 13:10	4/11/2006 14:05	4/11/2006 15:00	4/11/2006 15:56
Lab Sample ID	WATERA	WATERB	WATERC	WATERD	WATERE	WATERF	WATERG
Client Sample ID	LOWA	LOWB	LOWC	LOWD	LOWE	LOWF	LOWG
Extraction Batch	06055WAM026						

Compound Name	Concentration (ug/l)	Concentration (ug/l)	Concentration (ug/l)	Concentration (ug/l)	Concentration (ug/l)	Concentration (ug/l)	Concentration (ug/l)	Mean Concentration (ug/l)	Standard Deviation	Student T value used	Sample MDL (ug/l)	Sample Spike Level (ug/l)	Average %Rec.	Reported MDL (ug/l)
2-Chloronaphthalene	0.910	0.952	0.881	0.915	0.929	0.958	0.916	0.923	0.026	3.143	0.082	1.00	92	2
2-Chlorophenol	0.891	0.972	0.863	0.950	0.902	0.944	0.905	0.918	0.036	3.143	0.120	1.00	92	1
2-Methylnaphthalene	0.871	0.907	0.863	0.913	0.870	0.913	0.873	0.887	0.023	3.143	0.071	1.00	89	1
2-Methylphenol	0.819	0.881	0.888	0.994	1.194	1.130	1.211	1.017	0.162	3.143	0.508	1.00	102	1
2-Naphthylamine	0.274	0.332	0.311	0.275	0.236	0.391	0.215	0.291	0.060	3.143	0.188	1.00	29	6
2-Nitroaniline	0.559	0.614	0.537	0.569	0.561	0.611	0.551	0.572	0.030	3.143	0.093	1.00	57	1
2-Nitrophenol	0.681	0.835	0.722	0.785	0.747	0.732	0.859	0.766	0.064	3.143	0.201	1.00	77	1
2-Picoline	0.617	0.566	0.549	0.367	0.358	0.533	0.024	0.433	0.204	3.143	0.641	1.00	43	2
3,3'-Dichlorobenzidine	0.295	0.354	0.277	0.365	0.312	0.472	0.345	0.346	0.065	3.143	0.203	1.00	35	2
3,3'-Dimethylbenzidine	0.267	0.265	0.234	0.194	0.348	0.575	0.115	0.288	0.146	3.143	0.459	1.00	29	10
3-Methylcholanthrene	0.566	0.573	0.553	0.547	0.554	0.568	0.537	0.557	0.013	3.143	0.041	1.00	56	2
3-Nitroaniline	0.386	0.436	0.369	0.372	0.427	0.501	0.437	0.419	0.047	3.143	0.148	1.00	42	1
4,4'-Methylenebis(2-Chloroani	0.185	0.208	0.126	0.202	0.175	0.264	0.234	0.199	0.044	3.143	0.138	1.00	20	6
4,6-Dinitro-2-methylphenol	5.852	6.697	6.253	6.405	6.256	6.814	5.660	6.277	0.417	3.143	1.311	10.00	63	5
4-Aminobiphenyl	0.424	0.434	0.401	0.407	0.423	0.493	0.384	0.424	0.035	3.143	0.109	1.00	42	2
4-Bromophenyl-phenylether	0.873	0.923	0.860	0.882	0.911	0.971	0.825	0.892	0.048	3.143	0.150	1.00	89	1
4-Chloro-3-methylphenol	0.694	0.719	0.694	0.736	0.716	0.737	0.755	0.722	0.023	3.143	0.071	1.00	72	1
4-Chloroaniline	0.410	0.388	0.385	0.426	0.404	0.488	0.440	0.418	0.040	3.143	0.124	1.00	42	1
4-Chlorophenyl-phenylether	0.900	0.965	0.893	0.917	0.941	0.970	1.023	0.944	0.046	3.143	0.144	1.00	94	2
4-Methylphenol	0.718	0.779	0.667	0.743	0.809	0.837	0.893	0.778	0.076	3.143	0.239	1.00	78	2
4-Nitroaniline	0.622	0.602	0.669	0.647	0.644	0.712	0.658	0.651	0.035	3.143	0.110	1.00	65	1
4-Nitrophenol	3.037	3.296	2.966	3.271	3.304	3.399	2.953	3.176	0.183	3.143	0.577	10.00	32	10
4-Nitroquinoline-1-oxide	3.011	3.010	2.871	2.991	2.962	3.008	2.863	2.959	0.065	3.143	0.205	10.00	30	20
5-Nitro-o-toluidine *	2.662	2.556	2.772	2.774	2.740	2.853	3.019	2.768	0.15	3.143	0.456	5.00	55	3
6-Methylchrysene	0.799	0.887	0.803	0.863	0.613	0.876	0.870	0.844	0.038	3.143	0.119	1.00	84	1
7,12-Dimethylbenz[a]anthrace	0.347	0.376	0.291	0.353	0.331	0.411	0.315	0.346	0.039	3.143	0.124	1.00	35	2
a,a-Dimethylphenethylamine *	1.661	1.387	0.516	1.381	0.997	1.014	1.384	1.191	0.38	3.143	1.188	5.00	24	2
Acenaphthene	0.918	0.996	0.975	1.057	0.927	0.993	1.023	0.984	0.050	3.143	0.158	1.00	98	1

Analyst name and ID (printed): Joe Gamble 346 Approved by: CME/412

Signature: Joe Gamble Title: Sr. Specialist

Extraction Method:
SW-846 3510C
Analytical Method:
SW-846 8270C
Instrument type: HP5890/5972

MDLs verified April 2007

GC/MS Semivolatile Water Composite MDL Study

Instrument ID	HP06756.I	HP06756.I	HP06756.I	HP06756.I	HP06756.I	HP06756.I	HP06756.I
Datafile	nd197.d	nd198.d	nd199.d	nd200.d	nd201.d	nd202.d	nd203.d
Injection Date	4/11/2006 10:24	4/11/2006 11:19	4/11/2006 12:14	4/11/2006 13:10	4/11/2006 14:05	4/11/2006 15:00	4/11/2006 15:56
Lab Sample ID	WATERA	WATERB	WATERC	WATERD	WATERE	WATERF	WATERG
Client Sample ID	LOWA	LOWB	LOWC	LOWD	LOWE	LOWF	LOWG
Extraction Batch	06055WAM026						

Compound Name	Concentration (ug/l)	Concentration (ug/l)	Concentration (ug/l)	Concentration (ug/l)	Concentration (ug/l)	Concentration (ug/l)	Concentration (ug/l)	Mean Concentration (ug/l)	Standard Deviation	Student T value used	Sample MDL (ug/l)	Sample Spike Level (ug/l)	Average %Rec.	Reported MDL (ug/l)
Acenaphthylene	0.946	0.980	0.879	0.943	0.898	0.932	0.955	0.930	0.031	3.143	0.097	1.00	93	1
Acetophenone	0.962	1.043	0.955	0.976	0.956	1.022	1.067	0.997	0.046	3.143	0.145	1.00	100	2
Aniline	0.303	0.342	0.303	0.336	0.313	0.398	0.334	0.333	0.033	3.143	0.104	1.00	33	1
Anthracene	0.893	0.920	0.872	0.900	0.879	0.942	0.884	0.898	0.025	3.143	0.078	1.00	90	1
Aramite ***	3.917	3.805	3.462	3.982	4.002	4.261	4.165	3.942	0.260	3.143	0.818	10.00	39	5
Atrazine	0.729	0.801	0.741	0.763	0.675	0.734	0.636	0.725	0.055	3.143	0.172	1.00	73	2
Benzaldehyde	0.404	0.395	0.378	0.361	0.402	0.411	0.358	0.390	0.018	3.143	0.058	1.00	39	1
Benzidine *	3.578	6.726	7.694	5.398	6.829	4.606	5.313	5.735	1.43	3.143	4.489	28.00	23	20
Benzo(a)anthracene	1.031	1.086	1.000	1.007	1.020	1.049	1.039	1.033	0.030	3.143	0.093	1.00	103	1
Benzo(a)pyrene	0.737	0.762	0.695	0.729	0.732	0.764	0.739	0.737	0.023	3.143	0.073	1.00	74	1
Benzo(b)fluoranthene	0.789	0.850	0.798	0.825	0.833	0.822	0.845	0.823	0.023	3.143	0.072	1.00	82	1
Benzo(g,h,i)perylene	0.660	0.691	0.667	0.699	0.647	0.672	0.659	0.671	0.018	3.143	0.058	1.00	67	1
Benzo(k)fluoranthene	0.893	0.899	0.809	0.848	0.859	0.898	0.833	0.863	0.035	3.143	0.111	1.00	86	1
Benzoic acid $	7.858	8.078	7.889	8.111	7.990	8.148	7.763	7.977	0.1445	3.143	0.4541	10.00	80	6
Benzyl alcohol	6.739	6.108	6.160	5.754	3.813	5.516	4.043	5.448	1.107	3.143	3.480	10.00	54	5
Biphenyl	0.928	0.962	0.939	0.974	0.998	0.964	1.010	0.968	0.030	3.143	0.093	1.00	97	1
bis(2-Chloroethoxy)methane	0.986	0.983	0.949	0.954	0.977	0.967	0.985	0.969	0.014	3.143	0.044	1.00	97	1
bis(2-Chloroethyl)ether	0.927	0.871	0.918	0.870	0.880	0.878	0.889	0.891	0.023	3.143	0.072	1.00	89	1
bis(2-Chloroisopropyl)ether	1.124	1.026	1.014	1.092	1.049	1.024	1.077	1.056	0.041	3.143	0.129	1.00	106	1
bis(2-Ethylhexyl)phthalate	0.979	1.023	0.839	0.960	0.951	1.007	0.969	0.964	0.060	3.143	0.189	1.00	96	2
Butylbenzylphthalate	0.719	0.699	0.651	0.812	0.675	0.717	0.639	0.873	0.041	3.143	0.129	1.00	87	2
Caprolactam *	0.857	0.958	0.788	0.785	0.868	0.905	0.865	0.861	0.06	3.143	0.192	5.00	17	5
Carbazole	0.914	0.938	0.886	0.884	0.955	0.929	0.909	0.917	0.026	3.143	0.082	1.00	92	1
Chlorobenzilate	0.409	0.424	0.359	0.287	0.345	0.370	0.333	0.361	0.046	3.143	0.146	1.00	36	3
Chrysene	0.957	0.992	0.961	0.993	0.934	0.984	0.954	0.969	0.022	3.143	0.068	1.00	97	2
Diallate TRANS/CIS	0.795	0.854	0.731	0.866	0.800	0.769	0.730	0.792	0.054	3.143	0.169	1.00	79	1
Dibenz(a,h)acridine	0.591	0.593	0.550	0.577	0.589	0.583	0.546	0.573	0.019	3.143	0.059	1.00	57	1
Dibenz(a,h)anthracene	0.635	0.641	0.609	0.638	0.644	0.598	0.621	0.627	0.017	3.143	0.055	1.00	63	1
Dibenz(a,j)acridine	0.571	0.636	0.557	0.587	0.482	0.614	0.566	0.571	0.049	3.143	0.153	1.00	57	2

Analyst name and ID (printed): Joe Gambler 346 Approved by: CMR/412

Signature: Joe Gambler Title: Sr - Specialist

Extraction Method:
SW-846 3510C
Analytical Method:
SW-846 8270C
Instrument type: HP5890/5972

MDLs verified April 2007

GC/MS Semivolatile Water Composite MDL Study

Instrument ID	HP06756.I	HP06756.I	HP06756.I	HP06756.I	HP06756.I	HP06756.I	HP06756.I
Datafile	nd197.d	nd198.d	nd199.d	nd200.d	nd201.d	nd202.d	nd203.d
Injection Date	4/11/2006 10:24	4/11/2006 11:19	4/11/2006 12:14	4/11/2006 13:10	4/11/2006 14:05	4/11/2006 15:00	4/11/2006 15:56
Lab Sample ID	WATERA	WATERB	WATERC	WATERD	WATERE	WATERF	WATERG
Client Sample ID	LOWA	LOWB	LOWC	LOWD	LOWE	LOWF	LOWG
Extraction Batch	06055WAM026						

Compound Name	Concentration (ug/l)	Concentration (ug/l)	Concentration (ug/l)	Concentration (ug/l)	Concentration (ug/l)	Concentration (ug/l)	Concentration (ug/l)	Mean Concentration (ug/l)	Standard Deviation	Student T value used	Sample MDL (ug/l)	Sample Spike Level (ug/l)	Average %Rec.	Reported MDL (ug/l)
Dibenzofuran	1.007	0.962	0.922	0.988	0.987	0.981	1.005	0.979	0.029	3.143	0.092	1.00	98	1
Diethylphthalate	0.902	0.882	0.845	0.835	0.788	0.843	0.833	0.847	0.037	3.143	0.116	1.00	85	2
Dimethoate *	4.741	4.837	4.516	4.706	4.815	4.847	4.777	4.749	0.11	3.143	0.358	5.00	95	3
Dimethylphthalate	0.774	0.799	0.730	0.660	0.735	0.715	0.705	0.734	0.041	3.143	0.128	1.00	73	2
Di-n-butylphthalate	0.788	0.794	0.763	0.759	0.772	0.808	0.765	0.778	0.018	3.143	0.057	1.00	78	2
Di-n-octylphthalate	0.538	0.554	0.479	0.526	0.516	0.527	0.516	0.522	0.023	3.143	0.073	1.00	52	2
Dinoseb	4.300	4.386	4.246	4.261	4.193	4.459	4.112	4.282	0.116	3.143	0.365	5.00	86	2
Diphenyl	0.926	0.962	0.939	0.974	0.998	0.964	1.010	0.968	0.030	3.143	0.093	1.00	97	1
Diphenyl ether	0.963	1.071	0.982	1.052	0.988	1.017	1.000	1.011	0.039	3.143	0.123	1.00	101	1
Ethyl methanesulfonate	0.852	0.841	0.780	0.770	0.823	0.836	0.889	0.827	0.041	3.143	0.130	1.00	83	2
Fluoranthene	0.922	0.882	0.869	0.892	0.871	0.882	0.876	0.885	0.018	3.143	0.057	1.00	89	1
Fluorene	1.029	1.063	1.011	1.016	0.994	1.015	1.027	1.023	0.021	3.143	0.067	1.00	102	1
Hexachlorobenzene	0.957	0.930	0.923	0.920	0.948	0.960	0.942	0.940	0.016	3.143	0.050	1.00	94	1
Hexachlorobutadiene	0.824	0.850	0.727	0.828	0.786	0.908	0.829	0.821	0.056	3.143	0.176	1.00	82	1
Hexachlorocyclopentadiene	1.310	1.454	1.306	1.159	1.270	1.425	1.274	1.314	0.100	3.143	0.314	2.00	66	6
Hexachloroethane	0.811	0.907	0.763	0.922	0.763	0.806	0.731	0.815	0.074	3.143	0.231	1.00	81	1
Hexachloropropene	0.493	0.528	0.530	0.555	0.585	0.588	0.582	0.549	0.034	3.143	0.106	1.00	55	2
Indeno(1,2,3-cd)pyrene	0.619	0.602	0.608	0.582	0.570	0.620	0.619	0.603	0.020	3.143	0.062	1.00	60	1
Isodrin	0.771	0.952	0.961	0.840	0.904	0.844	0.928	0.886	0.070	3.143	0.219	1.00	89	1
Isophorone	0.959	0.829	0.767	0.783	0.654	0.793	0.789	0.826	0.068	3.143	0.208	1.00	82	1
Isosafrole	0.774	0.804	0.744	0.849	0.774	0.710	0.730	0.769	0.047	3.143	0.148	1.00	77	2
Methapyrilene *	7.651	7.605	5.717	7.738	5.467	5.728	6.823	6.847	1.02	3.143	3.199	40.00	17	15
Methyl methanesulfonate	0.436	0.443	0.463	0.415	0.462	0.422	0.518	0.451	0.035	3.143	0.109	1.00	45	1
Methyl parathion	0.470	0.506	0.448	0.503	0.477	0.575	0.477	0.494	0.041	3.143	0.129	1.00	49	1
N,N-dimethyl formamide *	0.651	0.596	0.494	0.493	0.588	0.638	0.897	0.594	0.08	3.143	0.243	8.00	12	6
Naphthalene	0.989	1.003	0.974	1.020	1.003	0.976	1.004	0.996	0.017	3.143	0.053	1.00	100	1
Nitrobenzene	0.950	0.908	0.922	0.977	0.959	0.983	0.976	0.954	0.029	3.143	0.091	1.00	95	1
N-Nitrosodiethylamine	0.654	0.815	0.702	0.702	0.714	0.816	0.767	0.739	0.062	3.143	0.195	1.00	74	2
N-Nitrosodimethylamine	0.407	0.444	0.420	0.382	0.361	0.440	0.404	0.408	0.030	3.143	0.094	1.00	41	2

9351

Analyst name and ID (printed): Joe Gambino 346 Approved by: CMR/4IC

Signature: Joe Gambino Title: Sr. Specialist

Extraction Method:
SW-846 3510C
Analytical Method:
SW-846 8270C
Instrument type: HP5890/5972

MDLs verified April 2007

GC/MS Semivolatile Water Composite MDL Study

Instrument ID	HP06758.I	HP06758.I	HP06758.I	HP06758.I	HP06758.I	HP06758.I	HP06758.I
Datafile	nd197.d	nd198.d	nd199.d	nd200.d	nd201.d	nd202.d	nd203.d
Injection Date	4/11/2006 10:24	4/11/2006 11:19	4/11/2006 12:14	4/11/2006 13:10	4/11/2006 14:05	4/11/2006 15:00	4/11/2006 15:56
Lab Sample ID	WATERA	WATERB	WATERC	WATERD	WATERE	WATERF	WATERG
Client Sample ID	LOWA	LOWB	LOWC	LOWD	LOWE	LOWF	LOWG
Extraction Batch	06055WAM026						

Compound Name	Concentration (ug/l)	Concentration (ug/l)	Concentration (ug/l)	Concentration (ug/l)	Concentration (ug/l)	Concentration (ug/l)	Concentration (ug/l)	Mean Concentration (ug/l)	Standard Deviation	Student T value used	Sample MDL (ug/l)	Sample Spike Level (ug/l)	Average %Rec.	Reported MDL (ug/l)
N-Nitrosodi-n-butylamine *	5.258	5.233	5.278	5.075	5.235	5.274	5.273	5.232	0.07	3.143	0.226	5.00	105	2
N-Nitroso-di-n-propylamine	0.853	0.814	0.746	0.776	0.776	0.848	0.927	0.820	0.061	3.143	0.193	1.00	82	1
N-Nitrosodiphenylamine	0.900	0.882	0.814	0.902	0.866	0.866	0.883	0.873	0.030	3.143	0.093	1.00	87	2
N-Nitrosomethylethylamine	0.536	0.524	0.515	0.457	0.569	0.642	0.540	0.540	0.056	3.143	0.177	1.00	54	2
N-Nitrosomorpholine	0.630	0.773	0.700	0.687	0.788	0.710	0.740	0.718	0.054	3.143	0.170	1.00	72	2
N-Nitrosopiperidine	0.804	0.803	0.711	0.830	0.798	0.814	0.767	0.790	0.039	3.143	0.124	1.00	79	2
N-Nitrosopyrrolidine	0.671	0.671	0.652	0.643	0.649	0.712	0.698	0.671	0.026	3.143	0.081	1.00	67	2
O,O,O-triethylphosphorothioat	0.973	0.883	0.816	0.846	0.809	0.840	0.928	0.871	0.061	3.143	0.192	1.00	87	2
Octachlorostyrene	1.795	1.880	1.832	1.983	1.936	2.027	1.973	1.918	0.085	3.143	0.267	2.10	91	2
o-Toluidine	0.270	0.326	0.252	0.389	0.342	0.405	0.366	0.336	0.058	3.143	0.182	1.00	34	1
Parathion	3.153	3.188	2.961	3.020	3.019	3.205	2.962	3.073	0.106	3.143	0.334	8.00	61	1
p-Dimethylaminoazobenzene	0.635	0.560	0.561	0.515	0.546	0.627	0.595	0.577	0.044	3.143	0.138	1.00	58	2
Pentachlorobenzene	0.906	0.994	0.869	0.916	0.822	0.943	0.933	0.912	0.055	3.143	0.172	1.00	91	2
Pentachloronitrobenzene	0.950	0.950	0.690	1.023	0.854	1.010	0.799	0.897	0.121	3.143	0.381	1.00	90	2
Pentachlorophenol	7.044	7.529	6.921	7.154	7.142	7.175	6.462	7.061	0.323	3.143	1.016	10.00	71	3
Phenacetin	0.610	0.641	0.557	0.558	0.595	0.598	0.542	0.586	0.035	3.143	0.110	1.00	59	2
Phenanthrene	1.072	1.025	1.021	1.006	1.006	0.984	1.018	1.019	0.027	3.143	0.084	1.00	102	1
Phenol	0.470	0.443	0.423	0.433	0.443	0.465	0.464	0.449	0.018	3.143	0.058	1.00	45	1
Phorate	0.769	0.807	0.707	0.779	0.789	0.787	0.754	0.770	0.032	3.143	0.101	1.00	77	1
Pronamide	0.625	0.685	0.607	0.668	0.688	0.678	0.608	0.651	0.037	3.143	0.116	1.00	65	1
Pyrene	1.021	0.960	0.931	0.974	0.965	0.994	0.991	0.979	0.028	3.143	0.088	1.00	98	1
Pyridine *	2.430	2.269	2.333	2.232	2.155	2.209	2.274	2.272	0.09	3.143	0.281	5.00	45	2
Ronnel	0.740	0.788	0.797	0.795	0.807	0.802	0.710	0.777	0.037	3.143	0.116	1.00	78	1
Safrole	0.745	0.793	0.767	0.777	0.779	0.746	0.884	0.785	0.047	3.143	0.148	1.00	78	2
Tetraethyldithiopyrophosphate	0.773	0.802	0.679	0.774	0.764	0.775	0.615	0.769	0.044	3.143	0.137	1.00	77	1
Thionazin	0.617	0.709	0.623	0.757	0.676	0.660	0.599	0.663	0.056	3.143	0.177	1.00	66	2
1,4-Phenylenediamine @	118.047	99.508	97.418	51.664	91.796	83.865	104.602	92.414	20.88	3.143	65.62	1000.00	9	75
Indene $	1.152	1.127	1.172	1.014	1.151	1.074	1.040	1.104	0.0616	3.143	0.1936	1.00	110	1
Quinoline $	0.912	0.938	0.906	0.940	0.983	0.975	0.975	0.933	0.0385	3.143	0.1209	1.00	93	1
Benzenethiol #	0.949	0.913	1.181	1.111	1.275	1.363	1.117	1.130	0.1624	3.143	0.5105	5.00	23	5

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Analyst name and ID (printed): Joe Gamblin 346 Approved by: Orne 1472

Signature: Joe Gamblin Title: Sr. Specialist

Extraction Method:
SW-846 3510C
Analytical Method:
SW-846 8270C
Instrument type: HP5890/5972

MDLs verified April 2007

GC/MS Semivolatile Water Composite MDL Study

Instrument ID	HP06756.I	HP06756.I	HP06756.I	HP06756.I	HP06756.I	HP06756.I	HP06756.I
Datafile	nd197.d	nd198.d	nd199.d	nd200.d	nd201.d	nd202.d	nd203.d
Injection Date	4/11/2006 10:24	4/11/2006 11:19	4/11/2006 12:14	4/11/2006 13:10	4/11/2006 14:05	4/11/2006 15:00	4/11/2006 15:56
Lab Sample ID	WATERA	WATERB	WATERC	WATERD	WATERE	WATERF	WATERG
Client Sample ID	LOWA	LOWB	LOWC	LOWD	LOWE	LOWF	LOWG
Extraction Batch	06055WAM026						

Compound Name	Concentration (ug/l)	Concentration (ug/l)	Concentration (ug/l)	Concentration (ug/l)	Concentration (ug/l)	Concentration (ug/l)	Concentration (ug/l)	Mean Concentration (ug/l)	Standard Deviation	Student T value used	Sample MDL (ug/l)	Sample Spike Level (ug/l)	Average %Rec.	Reported MDL (ug/l)

* = Taken from files nd217.d, nd218.d, nd219.d, nd220.d, nd221.d, nd222.d, nd223.d
@ = Taken from files nd257.d, nd258.d, nd259.d, nd260.d, nd261.d, nd262.d, nd263.d
$ = Taken from files bd294.d, bd295.d, bd296.d, bd297.d, bd298.d, bd299.d, bd300.d
# = Taken from files bd357.d, bd358.d, bd359.d, bd372.d, bd373.d, bd374.d, bd375.d
** = Taken from files md563.d, md564.d, md565.d, md566.d, md567.d, md568.d, md569.d
*** = Taken from files ne004.d, ne005.d, ne008.d, ne007.d, ne008.d, ne009, ne010.d

Analyst name and ID (printed): Joe Gambler 346 Approved by: CMR 4/12

Signature: Joe Gambler Title: Sr Specialist

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TF--5

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 5136497

Sample wt/vol: 998 (g/mL) ML Lab File ID: ch0850.d

Level: (low/med) LOW Date Received: 08/23/07

% Moisture: not dec: dec: Date Extracted: 08/24/07

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/25/07

Injection Volume: 1 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Extraction: Sepf

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	LOQ	UG/L	Q
108-95-2	Phenol			5	U
111-44-4	bis(2-Chloroethyl)ether			5	U
95-57-8	2-Chlorophenol			5	U
541-73-1	1,3-Dichlorobenzene			5	U
106-46-7	1,4-Dichlorobenzene			5	U
95-50-1	1,2-Dichlorobenzene			5	U
95-48-7	2-Methylphenol			5	U
108-60-1	2,2'-oxybis(1-Chloropropane)			5	U
621-64-7	N-Nitroso-di-n-propylamine			5	U
106-44-5	4-Methylphenol			5	U
67-72-1	Hexachloroethane			5	U
98-95-3	Nitrobenzene			5	U
78-59-1	Isophorone			5	U
88-75-5	2-Nitrophenol			5	U
105-67-9	2,4-Dimethylphenol			10	U
111-91-1	bis(2-Chloroethoxy)methane			5	U
120-83-2	2,4-Dichlorophenol			5	U
120-82-1	1,2,4-Trichlorobenzene			5	U
91-20-3	Naphthalene			5	U
106-47-8	4-Chloroaniline			5	U
87-68-3	Hexachlorobutadiene			5	U
59-50-7	4-Chloro-3-methylphenol			5	U
91-57-6	2-Methylnaphthalene			5	U
77-47-4	Hexachlorocyclopentadiene			15	U
88-06-2	2,4,6-Trichlorophenol			5	U
95-95-4	2,4,5-Trichlorophenol			5	U
91-58-7	2-Chloronaphthalene			5	U
88-74-4	2-Nitroaniline			5	U
131-11-3	Dimethylphthalate			5	U
606-20-2	2,6-Dinitrotoluene			5	U

8354

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TF--5

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 5136497

Sample wt/vol: 998 (g/mL)ML Lab File ID: ch0850.d

Level: (low/med) LOW Date Received: 08/23/07

% Moisture: not dec: dec: Date Extracted: 08/24/07

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/25/07

Injection Volume: 1 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Extraction: Sepf

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	LOQ UG/L	Q
208-96-8	Acenaphthylene		5	U
99-09-2	3-Nitroaniline		5	U
83-32-9	Acenaphthene		5	U
51-28-5	2,4-Dinitrophenol		60	U
100-02-7	4-Nitrophenol		30	U
132-64-9	Dibenzofuran		5	U
121-14-2	2,4-Dinitrotoluene		5	U
84-66-2	Diethylphthalate		5	U
86-73-7	Fluorene		5	U
7005-72-3	4-Chlorophenyl-phenylether		5	U
100-01-6	4-Nitroaniline		5	U
534-52-1	4,6-Dinitro-2-methylphenol		15	U
86-30-6	N-Nitrosodiphenylamine		5	U
101-55-3	4-Bromophenyl-phenylether		5	U
118-74-1	Hexachlorobenzene		5	U
87-86-5	Pentachlorophenol		15	U
85-01-8	Phenanthrene		5	U
120-12-7	Anthracene		5	U
86-74-8	Carbazole		5	U
84-74-2	Di-n-butylphthalate		5	U
206-44-0	Fluoranthene		5	U
129-00-0	Pyrene		5	U
85-68-7	Butylbenzylphthalate		5	U
91-94-1	3,3'-Dichlorobenzidine		5	U
56-55-3	Benzo(a)anthracene		5	U
218-01-9	Chrysene		5	U
117-81-7	bis(2-Ethylhexyl)phthalate		5	U
117-84-0	Di-n-octylphthalate		5	U
205-99-2	Benzo(b)fluoranthene		5	U
207-08-9	Benzo(k)fluoranthene		5	U

1C cont

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TF--5

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 5136497

Sample wt/vol: 998 (g/mL)ML Lab File ID: ch0850.d

Level: (low/med) LOW Date Received: 08/23/07

% Moisture: not dec: dec: Date Extracted: 08/24/07

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/25/07

Injection Volume: 1 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Extraction: Sepf

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	LOQ UG/L	Q
50-32-8	Benzo(a)pyrene		5	U
193-39-5	Indeno(1,2,3-cd)pyrene		5	U
53-70-3	Dibenz(a,h)anthracene		5	U
191-24-2	Benzo(g,h,i)perylene		5	U

6356

TF--5

Lancaster Labs
Quantitation Report GC/MS Semi-Volatiles 5136497

Data file: /chem/HP10623.i/07aug24a.b/ch0850.d Blank Data file reference:**/chem/HP10623.i/07aug24a.b/ch0824.d**
Injection date and time: 25-AUG-2007 06:01 Instrument ID: HP10623.i Batch: 07236WAB
Date, time and analyst ID of latest file update: 29-Aug-2007 19:51 lmh00956

Method used: /chem/HP10623.i/07aug24a.b/m8270.m Sublist used: **WTC8**
Calibration date and time (Last Method Edit): 29-AUG-2007 19:47
Mid Level Daily Calibration Standard Reference: /chem/HP10623.i/07aug24a.b/ch0821.d

Sample Concentration Formula: On-Column Amount * DF * Uf * Vt/(Vo * Vi) Matrix: WATER GPC Cleanup: No

Dilution Factor (DF): 1 Unit Correction Factor (Uf): 1 Volume Injected (Vi): 1 ul
GPC Cleanup Factor (gpcf): 1 Sample Volume (Vo): 998.0 ml Final Extract Volume (Vt): 1000 ul

Internal Standards	RT (+/-RT)	Scan	QIon	Area(+/- %Area)	Conc (ng/ul)	QC Flag
21) 1,4-Dichlorobenzene-d4	4.344(0.006)	482	152.0	64251(10)	40.00	
46) Naphthalene-d8	5.500(0.000)	670	136.0	283362(-2)	40.00	
82) Acenaphthene-d10	6.970(0.000)	909	164.0	177886(-11)	40.00	
120) Phenanthrene-d10	8.169(0.006)	1104	188.0	326080(-18)	40.00	
149) Chrysene-d12	10.309(0.006)	1452	240.0	299409(-24)	40.00	
161) Perylene-d12	11.409(0.006)	1631	264.0	260114(-31)	40.00	

= RETENTION TIME OUT OF RANGE * = INTERNAL STANDARD OUT OF RANGE NC = NOT ABLE TO CALCULATE

Surrogate Standards	I.S. Ref.	RT (+/-RRT)	QIon	Area	Conc. (on column)	%Rec.	QC flags	QC Limits
9) 2-Fluorophenol	(1)	3.084(-0.001)	112	274928	121.711	61%		10 - 103
14) Phenol-d6	(1)	4.068(-0.001)	99	251856	84.923	42%		10 - 82
35) Nitrobenzene-d5	(2)	4.873(0.001)	82	229960	93.381	93%		51 - 123
66) 2-Fluorobiphenyl	(3)	6.441(0.000)	172	505540	91.629	92%		63 - 118
104) 2,4,6-Tribromophenol	(3)	7.615(0.001)	330	210988	202.721	101%		20 - 159
138) Terphenyl-d14	(5)	9.491(-0.001)	244	557560	82.612	83%		52 - 151

= RELATIVE RETENTION TIME OUT OF RANGE * = PERCENT REC.OUT OF RANGE D = DILUTED OUT NC = NOT ABLE TO CALCULATE

Target Compounds	I.S. Ref.	RT (+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit (ng/ul)
15) Phenol	(1)				ND	ND			1.00
18) bis(2-Chloroethyl)ether	(1)				ND	ND			1.00
19) 2-Chlorophenol	(1)				ND	ND			1.00
20) 1,3-Dichlorobenzene	(1)				ND	ND			1.00
22) 1,4-Dichlorobenzene	(1)				ND	ND			1.00
24) 1,2-Dichlorobenzene	(1)				ND	ND			1.00
25) 2-Methylphenol	(1)				ND	ND			1.00
26) 2,2'-oxybis(1-Chloropropane)	(1)				ND	ND			1.00
30) N-Nitroso-di-n-propylamine	(1)				ND	ND			1.00
31) 4-Methylphenol	(1)				ND	ND			2.00
34) Hexachloroethane	(1)				ND	ND			1.00
36) Nitrobenzene	(2)				Below MDL, Do not report				1.00
38) Isophorone	(2)				ND	ND			1.00
39) 2-Nitrophenol	(2)				ND	ND			1.00
40) 2,4-Dimethylphenol	(2)				Below MDL, Do not report				3.00
42) bis(2-Chloroethoxy)methane	(2)				ND	ND			1.00
44) 2,4-Dichlorophenol	(2)				ND	ND			1.00
45) 1,2,4-Trichlorobenzene	(2)				ND	ND			1.00
47) Naphthalene	(2)				ND	ND			1.00
48) 4-Chloroaniline	(2)				ND	ND			1.00
51) Hexachlorobutadiene	(2)				ND	ND			1.00
55) 4-Chloro-3-methylphenol	(2)				ND	ND			1.00

TF--5

Lancaster Labs
Quantitation Report GC/MS Semi-Volatiles 5136497

Data file: /chem/HP10623.i/07aug24a.b/ch0850.d Blank Data file reference:/chem/HP10623.i/07aug24a.b/ch0824.d
Injection date and time: 25-AUG-2007 06:01 Instrument ID: HP10623.i Batch: 07236WAB
Date, time and analyst ID of latest file update: 29-Aug-2007 19:51 lmh00956

Method used: /chem/HP10623.i/07aug24a.b/m8270.m Sublist used: WTC8
Calibration date and time (Last Method Edit): 29-AUG-2007 19:47
Mid Level Daily Calibration Standard Reference: /chem/HP10623.i/07aug24a.b/ch0821.d

Sample Concentration Formula: On-Column Amount * DF * Uf * Vt/(Vo * Vi) Matrix: WATER GPC Cleanup: No

Dilution Factor (DF): 1 Unit Correction Factor (Uf): 1 Volume Injected (Vi): 1 ul
GPC Cleanup Factor (gpcf): 1 Sample Volume (Vo): 998.0 ml Final Extract Volume (Vt): 1000 ul

Target Compounds	I.S. Ref.	RT	(+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit (ng/ul)
58) 2-Methylnaphthalene	(2)					ND	ND			1.00
61) Hexachlorocyclopentadiene	(3)					ND	ND			5.00
64) 2,4,6-Trichlorophenol	(3)					ND	ND			1.00
65) 2,4,5-Trichlorophenol	(3)					ND	ND			1.00
71) 2-Chloronaphthalene	(3)					ND	ND			2.00
74) 2-Nitroaniline	(3)					Below MDL, Do not report				1.00
77) Dimethylphthalate	(3)					ND	ND			2.00
79) 2,6-Dinitrotoluene	(3)					ND	ND			1.00
80) Acenaphthylene	(3)					ND	ND			1.00
81) 3-Nitroaniline	(3)					ND	ND			1.00
83) Acenaphthene	(3)					ND	ND			1.00
84) 2,4-Dinitrophenol	(3)					ND	ND			1.00
86) 4-Nitrophenol	(3)					Below MDL, Do not report				20.00
87) Dibenzofuran	(3)					ND	ND			10.00
88) 2,4-Dinitrotoluene	(3)					ND	ND			1.00
93) Diethylphthalate	(3)					Below MDL, Do not report				1.00
94) Fluorene	(3)					ND	ND			2.00
96) 4-Chlorophenyl-phenylether	(3)					ND	ND			1.00
98) 4-Nitroaniline	(3)					ND	ND			2.00
99) 4,6-Dinitro-2-methylphenol	(4)					Below MDL, Do not report				1.00
102) N-Nitrosodiphenylamine	(4)					Below MDL, Do not report				5.00
110) 4-Bromophenyl-phenylether	(4)					ND	ND			2.00
112) Hexachlorobenzene	(4)					ND	ND			1.00
116) Pentachlorophenol	(4)					ND	ND			1.00
121) Phenanthrene	(4)					ND	ND			3.00
124) Anthracene	(4)					ND	ND			1.00
125) Carbazole	(4)					ND	ND			1.00
128) Di-n-butylphthalate	(4)					ND	ND			1.00
134) Fluoranthene	(4)					Below MDL, Do not report				2.00
136) Pyrene	(5)					Below MDL, Do not report				1.00
143) Butylbenzylphthalate	(5)					Below MDL, Do not report				1.00
145) 3,3'-Dichlorobenzidine	(5)					ND	ND			2.00
146) Benzo(a)anthracene	(5)					ND	ND			2.00
150) Chrysene	(5)					Below MDL, Do not report				1.00
151) bis(2-Ethylhexyl)phthalate	(5)					Below MDL, Do not report				1.00
156) Di-n-octylphthalate	(6)					Below MDL, Do not report				2.00
158) Benzo(b)fluoranthene	(6)					Below MDL, Do not report				2.00
159) Benzo(k)fluoranthene	(6)					Below MDL, Do not report				1.00
160) Benzo(a)pyrene	(6)					Below MDL, Do not report				1.00
168) Indeno(1,2,3-cd)pyrene	(6)					Below MDL, Do not report				1.00
169) Dibenz(a,h)anthracene	(6)					ND	ND			1.00
						ND	ND			1.00

TF--5

Lancaster Labs
Quantitation Report GC/MS Semi-Volatiles 5136497

Data file: /chem/HP10623.i/07aug24a.b/ch0850.d Blank Data file reference:**/chem/HP10623.i/07aug24a.b/ch0824.d**
Injection date and time: 25-AUG-2007 06:01 Instrument ID: HP10623.i Batch: 07236WAB
Date, time and analyst ID of latest file update: 29-Aug-2007 19:51 lmh00956

Method used: /chem/HP10623.i/07aug24a.b/m8270.m Sublist used: **WTC8**
Calibration date and time (Last Method Edit): 29-AUG-2007 19:47
Mid Level Daily Calibration Standard Reference: /chem/HP10623.i/07aug24a.b/ch0821.d

Sample Concentration Formula: On-Column Amount * DF * Uf * Vt/(Vo * Vi) Matrix: WATER GPC Cleanup: No

Dilution Factor (DF): 1 Unit Correction Factor (Uf): 1 Volume Injected (Vi): 1 ul
GPC Cleanup Factor (gpcf): 1 Sample Volume (Vo): 998.0 ml Final Extract Volume (Vt): 1000 ul

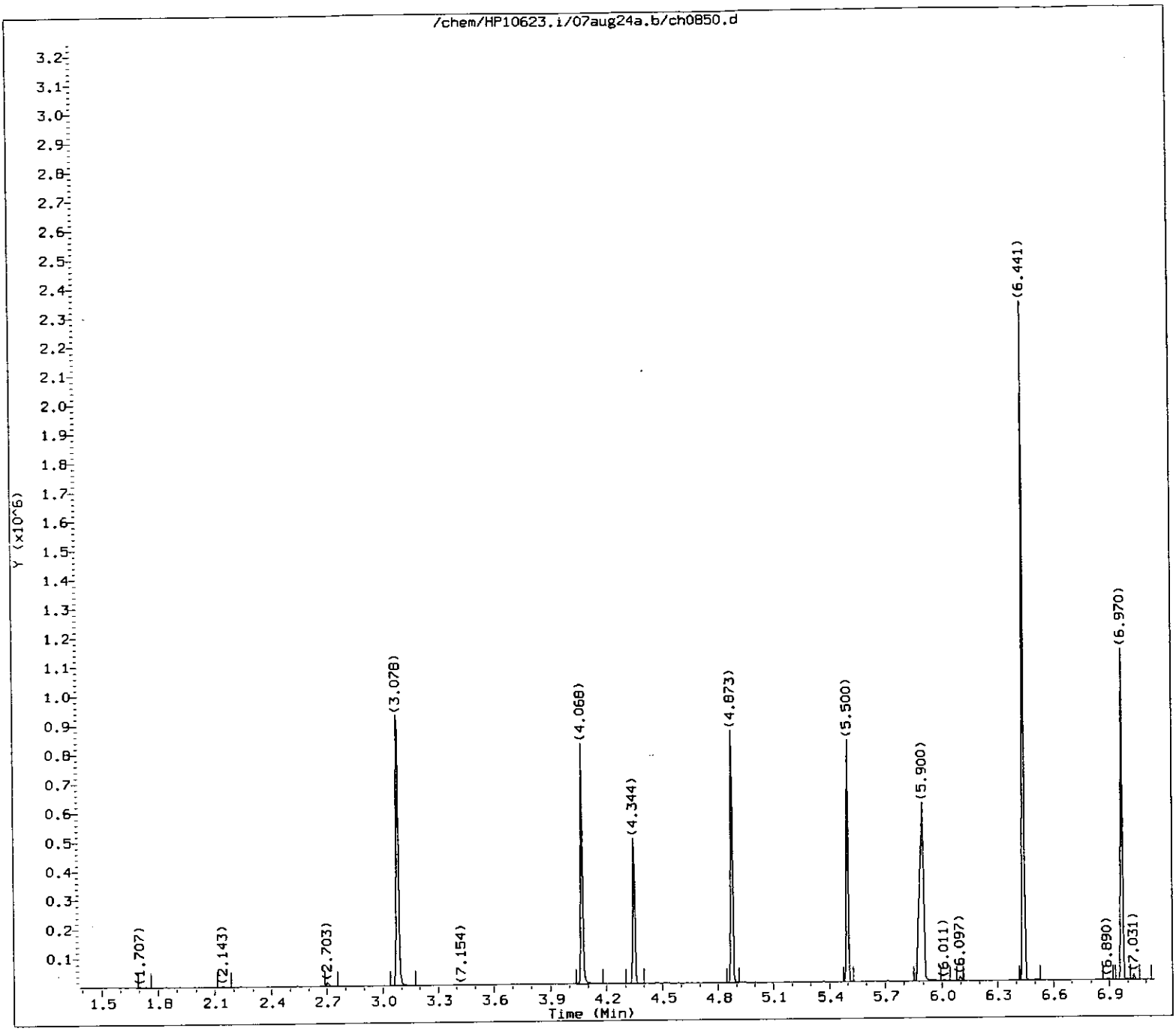
Target Compounds	I.S. Ref.	RT	(+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit (ng/ul)
170) Benzo(g,h,i)perylene	(6)					ND	ND			1.00

E = CONC. OUT OF CAL. RANGE # = RELATIVE RETENTION TIME OUT OF RANGE

Total number of targets = 64

Comments:

Analyst: Michelle Smith 8/29/07
Auditor: 8/31/07



Quant Report

Target Revision 3.5

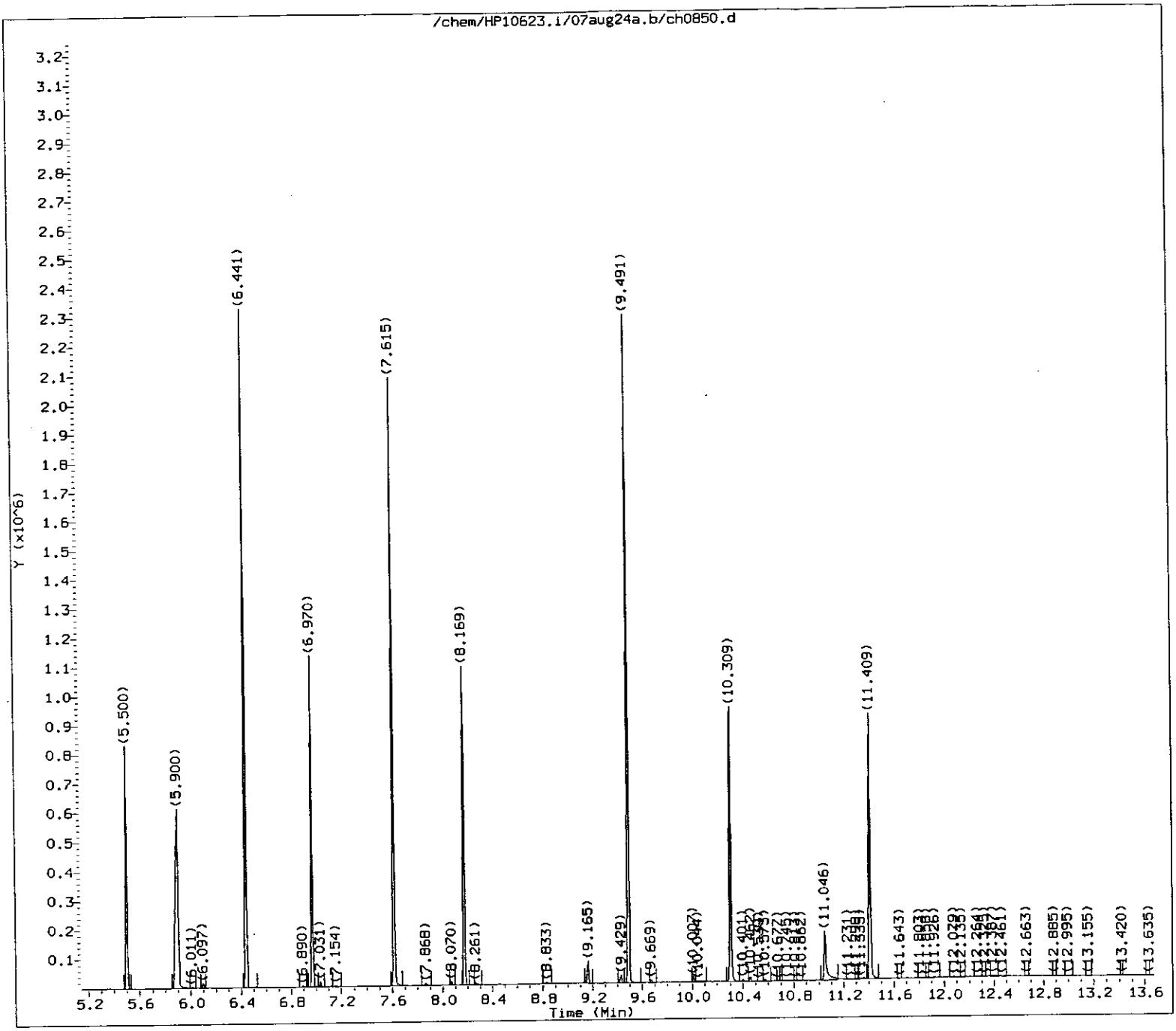
Data File: /chem/HP10623.i/07aug24a.b/ch0850.d Instrument ID: HP10623.i
Injection date and time: 25-AUG-2007 06:01 Analyst ID: lmh00956

Method used: /chem/HP10623.i/07aug24a.b/m8270.m Sublist used: WTC8
Calibration date and time: 24-AUG-2007 20:30
Date, time and analyst ID of latest file update: 27-Aug-2007 22:34 lmh00956

Sample Name: TF--5 Lab Sample ID: 5136497

0368

lmh19880127107



Quant Report

Target Revision 3.5

Data File: /chem/HP10623.i/07aug24a.b/ch0850.d
Injection date and time: 25-AUG-2007 06:01

Instrument ID: HP10623.i
Analyst ID: lmh00956

Method used: /chem/HP10623.i/07aug24a.b/m8270.m
Calibration date and time: 24-AUG-2007 20:30

Sublist used: WTC8

Date, time and analyst ID of latest file update: 27-Aug-2007 22:34 lmh00956

Sample Name: TF--5

Lab Sample ID: 5136497

8361

lmh956 08/27/07

Quant Report

Target Revision 3.5

Data File: /chem/HP10623.i/07aug24a.b/ch0850.d Instrument ID: HP10623.i
Injection date and time: 25-AUG-2007 06:01 Analyst ID: lmh00956

Method used: /chem/HP10623.i/07aug24a.b/m8270.m Sublist used: WTC8
Calibration date and time: 24-AUG-2007 20:30
Date, time and analyst ID of latest file update: 27-Aug-2007 22:34 lmh00956

Sample Name: TF--5 Lab Sample ID: 5136497

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
21) 1,4-Dichlorobenzene-d4	(1)	4.344	152	64251	40.0000
46) Naphthalene-d8	(2)	5.500	136	283362	40.0000
82) Acenaphthene-d10	(3)	6.970	164	177886	40.0000
120) Phenanthrene-d10	(4)	8.169	188	326080	40.0000
149) Chrysene-d12	(5)	10.309	240	299409	40.0000
161) Perylene-d12	(6)	11.409	264	260114	40.0000
9) 2-Fluorophenol	(1)	3.084	112	274928	121.7112
14) Phenol-d6	(1)	4.068	99	251856	84.9235
35) Nitrobenzene-d5	(2)	4.873	82	229960	93.3806
66) 2-Fluorobiphenyl	(3)	6.441	172	505540	91.6291
104) 2,4,6-Tribromophenol	(3)	7.615	330	210988	202.7213
138) Terphenyl-d14	(5)	9.491	244	557560	82.6121

M = Compound was manually integrated. A = User selected an alternate hit

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TF-23

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 5136498

Sample wt/vol: 1011 (g/mL)ML Lab File ID: ch0851.d

Level: (low/med) LOW Date Received: 08/23/07

% Moisture: not dec: dec: Date Extracted: 08/24/07

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/25/07

Injection Volume: 1 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Extraction: Sepf

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	LOQ UG/L	Q
108-95-2	Phenol		5	U
111-44-4	bis(2-Chloroethyl)ether		5	U
95-57-8	2-Chlorophenol		5	U
541-73-1	1,3-Dichlorobenzene		5	U
106-46-7	1,4-Dichlorobenzene		5	U
95-50-1	1,2-Dichlorobenzene		5	U
95-48-7	2-Methylphenol		5	U
108-60-1	2,2'-oxybis(1-Chloropropane)		5	U
621-64-7	N-Nitroso-di-n-propylamine		5	U
106-44-5	4-Methylphenol		5	U
67-72-1	Hexachloroethane		5	U
98-95-3	Nitrobenzene		5	U
78-59-1	Isophorone		5	U
88-75-5	2-Nitrophenol		5	U
105-67-9	2,4-Dimethylphenol		10	U
111-91-1	bis(2-Chloroethoxy)methane		5	U
120-83-2	2,4-Dichlorophenol		5	U
120-82-1	1,2,4-Trichlorobenzene		5	U
91-20-3	Naphthalene		5	U
106-47-8	4-Chloroaniline		5	U
87-68-3	Hexachlorobutadiene		5	U
59-50-7	4-Chloro-3-methylphenol		5	U
91-57-6	2-Methylnaphthalene		5	U
77-47-4	Hexachlorocyclopentadiene		15	U
88-06-2	2,4,6-Trichlorophenol		5	U
95-95-4	2,4,5-Trichlorophenol		5	U
91-58-7	2-Chloronaphthalene		5	U
88-74-4	2-Nitroaniline		5	U
131-11-3	Dimethylphthalate		5	U
606-20-2	2,6-Dinitrotoluene		5	U

0363

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TF-23

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 5136498

Sample wt/vol: 1011 (g/mL)ML Lab File ID: ch0851.d

Level: (low/med) LOW Date Received: 08/23/07

% Moisture: not dec: dec: Date Extracted: 08/24/07

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/25/07

Injection Volume: 1 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Extraction: Sepf

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	LOQ UG/L	Q
208-96-8	Acenaphthylene		5	U
99-09-2	3-Nitroaniline		5	U
83-32-9	Acenaphthene		5	U
51-28-5	2,4-Dinitrophenol		59	U
100-02-7	4-Nitrophenol		30	U
132-64-9	Dibenzofuran		5	U
121-14-2	2,4-Dinitrotoluene		5	U
84-66-2	Diethylphthalate		5	U
86-73-7	Fluorene		5	U
7005-72-3	4-Chlorophenyl-phenylether		5	U
100-01-6	4-Nitroaniline		5	U
534-52-1	4,6-Dinitro-2-methylphenol		15	U
86-30-6	N-Nitrosodiphenylamine		5	U
101-55-3	4-Bromophenyl-phenylether		5	U
118-74-1	Hexachlorobenzene		5	U
87-86-5	Pentachlorophenol		15	U
85-01-8	Phenanthrene		5	U
120-12-7	Anthracene		5	U
86-74-8	Carbazole		5	U
84-74-2	Di-n-butylphthalate		5	U
206-44-0	Fluoranthene		5	U
129-00-0	Pyrene		5	U
85-68-7	Butylbenzylphthalate		5	U
91-94-1	3,3'-Dichlorobenzidine		5	U
56-55-3	Benzo(a)anthracene		5	U
218-01-9	Chrysene		5	U
117-81-7	bis(2-Ethylhexyl)phthalate		5	U
117-84-0	Di-n-octylphthalate		5	U
205-99-2	Benzo(b)fluoranthene		5	U
207-08-9	Benzo(k)fluoranthene		5	U

8364

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TF-23

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 5136498

Sample wt/vol: 1011 (g/mL) ML Lab File ID: ch0851.d

Level: (low/med) LOW Date Received: 08/23/07

% Moisture: not dec: dec: Date Extracted: 08/24/07

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/25/07

Injection Volume: 1 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Extraction: Sepf

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	LOQ	UG/L	Q
50-32-8	Benzo(a)pyrene			5	U
193-39-5	Indeno(1,2,3-cd)pyrene			5	U
53-70-3	Dibenz(a,h)anthracene			5	U
191-24-2	Benzo(g,h,i)perylene			5	U

TF-23

Lancaster Labs
Quantitation Report GC/MS Semi-Volatiles 5136498

Data file: /chem/HP10623.i/07aug24a.b/ch0851.d Blank Data file reference:/chem/HP10623.i/07aug24a.b/ch0824.d
Injection date and time: 25-AUG-2007 06:22 Instrument ID: HP10623.i Batch: 07236WAB
Date, time and analyst ID of latest file update: 29-Aug-2007 19:51 lmh00956

Method used: /chem/HP10623.i/07aug24a.b/m8270.m Sublist used: WTC8
Calibration date and time (Last Method Edit): 29-AUG-2007 19:47
Mid Level Daily Calibration Standard Reference: /chem/HP10623.i/07aug24a.b/ch0821.d

Sample Concentration Formula: On-Column Amount * DF * Uf * Vt/(Vo * Vi) Matrix: WATER GPC Cleanup: No

Dilution Factor (DF): 1 Unit Correction Factor (Uf): 1 Volume Injected (Vi): 1 ul
GPC Cleanup Factor (gpcf): 1 Sample Volume (Vo): 1011.0 ml Final Extract Volume (Vt): 1000 ul

Internal Standards	RT (+/-RT)	Scan	QIon	Area (+/- %Area)	Conc (ng/ul)	QC Flag
21) 1,4-Dichlorobenzene-d4	4.344(0.006)	482	152.0	69503(19)	40.00	
46) Naphthalene-d8	5.500(0.000)	670	136.0	305339(5)	40.00	
82) Acenaphthene-d10	6.970(0.000)	909	164.0	190888(-5)	40.00	
120) Phenanthrene-d10	8.169(0.006)	1104	188.0	345620(-13)	40.00	
149) Chrysene-d12	10.309(0.006)	1452	240.0	313532(-21)	40.00	
161) Perylene-d12	11.409(0.006)	1631	264.0	271421(-28)	40.00	

= RETENTION TIME OUT OF RANGE * = INTERNAL STANDARD OUT OF RANGE NC = NOT ABLE TO CALCULATE

Surrogate Standards	I.S. Ref.	RT (+/-RRT)	QIon	Area	Conc. (on column)	%Rec.	QC flags	QC Limits
9) 2-Fluorophenol	(1)	3.084(-0.001)	112	297772	121.863	61%		10 - 103
14) Phenol-d6	(1)	4.068(-0.001)	99	270569	84.339	42%		10 - 82
35) Nitrobenzene-d5	(2)	4.873(0.001)	82	236267	89.036	89%		51 - 123
66) 2-Fluorobiphenyl	(3)	6.441(0.000)	172	521570	88.095	88%		63 - 118
104) 2,4,6-Tribromophenol	(3)	7.615(0.001)	330	194813	174.431	87%		20 - 159
138) Terphenyl-d14	(5)	9.491(-0.001)	244	605520	85.677	86%		52 - 151

= RELATIVE RETENTION TIME OUT OF RANGE * = PERCENT REC.OUT OF RANGE D = DILUTED OUT NC = NOT ABLE TO CALCULATE

Target Compounds	I.S. Ref.	RT	(+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit (ng/ul)
15) Phenol	(1)					ND	ND			1.00
18) bis(2-Chloroethyl)ether	(1)					ND	ND			1.00
19) 2-Chlorophenol	(1)					ND	ND			1.00
20) 1,3-Dichlorobenzene	(1)					ND	ND			1.00
22) 1,4-Dichlorobenzene	(1)					ND	ND			1.00
24) 1,2-Dichlorobenzene	(1)					ND	ND			1.00
25) 2-Methylphenol	(1)					ND	ND			1.00
26) 2,2'-oxybis(1-Chloropropane)	(1)					ND	ND			1.00
30) N-Nitroso-di-n-propylamine	(1)					ND	ND			1.00
31) 4-Methylphenol	(1)					ND	ND			2.00
34) Hexachloroethane	(1)					ND	ND			1.00
36) Nitrobenzene	(2)				Below MDL,	Do not report				1.00
38) Isophorone	(2)					ND	ND			1.00
39) 2-Nitrophenol	(2)					ND	ND			1.00
40) 2,4-Dimethylphenol	(2)				Below MDL,	Do not report				3.00
42) bis(2-Chloroethoxy)methane	(2)					ND	ND			1.00
44) 2,4-Dichlorophenol	(2)					ND	ND			1.00
45) 1,2,4-Trichlorobenzene	(2)					ND	ND			1.00
47) Naphthalene	(2)				Below MDL,	Do not report				1.00
48) 4-Chloroaniline	(2)					ND	ND			1.00
51) Hexachlorobutadiene	(2)					ND	ND			1.00
55) 4-Chloro-3-methylphenol	(2)					ND	ND			1.00

TF-23

Lancaster Labs
Quantitation Report GC/MS Semi-Volatiles 5136498

Data file: /chem/HP10623.i/07aug24a.b/ch0851.d Blank Data file reference:/chem/HP10623.i/07aug24a.b/ch0824.d
Injection date and time: 25-AUG-2007 06:22 Instrument ID: HP10623.i Batch: 07236WAB
Date, time and analyst ID of latest file update: 29-Aug-2007 19:51 lmh00956

Method used: /chem/HP10623.i/07aug24a.b/m8270.m Sublist used: WTC8
Calibration date and time (Last Method Edit): 29-AUG-2007 19:47
Mid Level Daily Calibration Standard Reference: /chem/HP10623.i/07aug24a.b/ch0821.d

Sample Concentration Formula: On-Column Amount * DF * Uf * Vt/(Vo * Vi) Matrix: WATER GPC Cleanup: No

Dilution Factor (DF): 1 Unit Correction Factor (Uf): 1 Volume Injected (Vi): 1 ul
GPC Cleanup Factor (gpcf): 1 Sample Volume (Vo): 1011.0 ml Final Extract Volume (Vt): 1000 ul

Target Compounds	I.S. Ref.	RT	(+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit (ng/ul)
58) 2-Methylnaphthalene	(2)					ND	ND			1.00
61) Hexachlorocyclopentadiene	(3)					ND	ND			5.00
64) 2,4,6-Trichlorophenol	(3)					ND	ND			1.00
65) 2,4,5-Trichlorophenol	(3)					ND	ND			1.00
71) 2-Chloronaphthalene	(3)					ND	ND			2.00
74) 2-Nitroaniline	(3)					Below MDL, Do not report				1.00
77) Dimethylphthalate	(3)					ND	ND			2.00
79) 2,6-Dinitrotoluene	(3)					ND	ND			1.00
80) Acenaphthylene	(3)					ND	ND			1.00
81) 3-Nitroaniline	(3)					ND	ND			1.00
83) Acenaphthene	(3)					ND	ND			1.00
84) 2,4-Dinitrophenol	(3)					ND	ND			1.00
86) 4-Nitrophenol	(3)					Below MDL, Do not report				20.00
87) Dibenzofuran	(3)					ND	ND			10.00
88) 2,4-Dinitrotoluene	(3)					ND	ND			1.00
93) Diethylphthalate	(3)					Below MDL, Do not report				1.00
94) Fluorene	(3)					ND	ND			2.00
96) 4-Chlorophenyl-phenylether	(3)					ND	ND			1.00
98) 4-Nitroaniline	(3)					ND	ND			1.00
99) 4,6-Dinitro-2-methylphenol	(4)					Below MDL, Do not report				5.00
102) N-Nitrosodiphenylamine	(4)					Below MDL, Do not report				2.00
110) 4-Bromophenyl-phenylether	(4)					ND	ND			1.00
112) Hexachlorobenzene	(4)					ND	ND			1.00
116) Pentachlorophenol	(4)					ND	ND			3.00
121) Phenanthrene	(4)					ND	ND			1.00
124) Anthracene	(4)					ND	ND			1.00
125) Carbazole	(4)					ND	ND			1.00
128) Di-n-butylphthalate	(4)					Below MDL, Do not report				2.00
134) Fluoranthene	(4)					Below MDL, Do not report				1.00
136) Pyrene	(5)					Below MDL, Do not report				1.00
143) Butylbenzylphthalate	(5)					ND	ND			2.00
145) 3,3'-Dichlorobenzidine	(5)					ND	ND			2.00
146) Benzo(a)anthracene	(5)					Below MDL, Do not report				1.00
150) Chrysene	(5)					Below MDL, Do not report				1.00
151) bis(2-Ethylhexyl)phthalate	(5)					Below MDL, Do not report				2.00
156) Di-n-octylphthalate	(6)					ND	ND			2.00
158) Benzo(b)fluoranthene	(6)					Below MDL, Do not report				1.00
159) Benzo(k)fluoranthene	(6)					Below MDL, Do not report				1.00
160) Benzo(a)pyrene	(6)					Below MDL, Do not report				1.00
168) Indeno(1,2,3-cd)pyrene	(6)					ND	ND			1.00
169) Dibenz(a,h)anthracene	(6)					ND	ND			1.00

8367

TF-23

Lancaster Labs
Quantitation Report GC/MS Semi-Volatiles 5136498

Data file: /chem/HP10623.i/07aug24a.b/ch0851.d Blank Data file reference:**/chem/HP10623.i/07aug24a.b/ch0824.d**
Injection date and time: 25-AUG-2007 06:22 Instrument ID: HP10623.i Batch: 07236WAB
Date, time and analyst ID of latest file update: 29-Aug-2007 19:51 lmh00956

Method used: /chem/HP10623.i/07aug24a.b/m8270.m Sublist used: **WTC8**
Calibration date and time (Last Method Edit): 29-AUG-2007 19:47
Mid Level Daily Calibration Standard Reference: /chem/HP10623.i/07aug24a.b/ch0821.d

Sample Concentration Formula: On-Column Amount * DF * Uf * Vt/(Vo * Vi) Matrix: WATER GPC Cleanup: No

Dilution Factor (DF): 1 Unit Correction Factor (Uf): 1 Volume Injected (Vi): 1 ul
GPC Cleanup Factor (gpcf): 1 Sample Volume (Vo): 1011.0 ml Final Extract Volume (Vt): 1000 ul

Target Compounds	I.S. Ref.	RT	(+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit (ng/ul)
170) Benzo(g,h,i)perylene	(6)					ND	ND			1.00

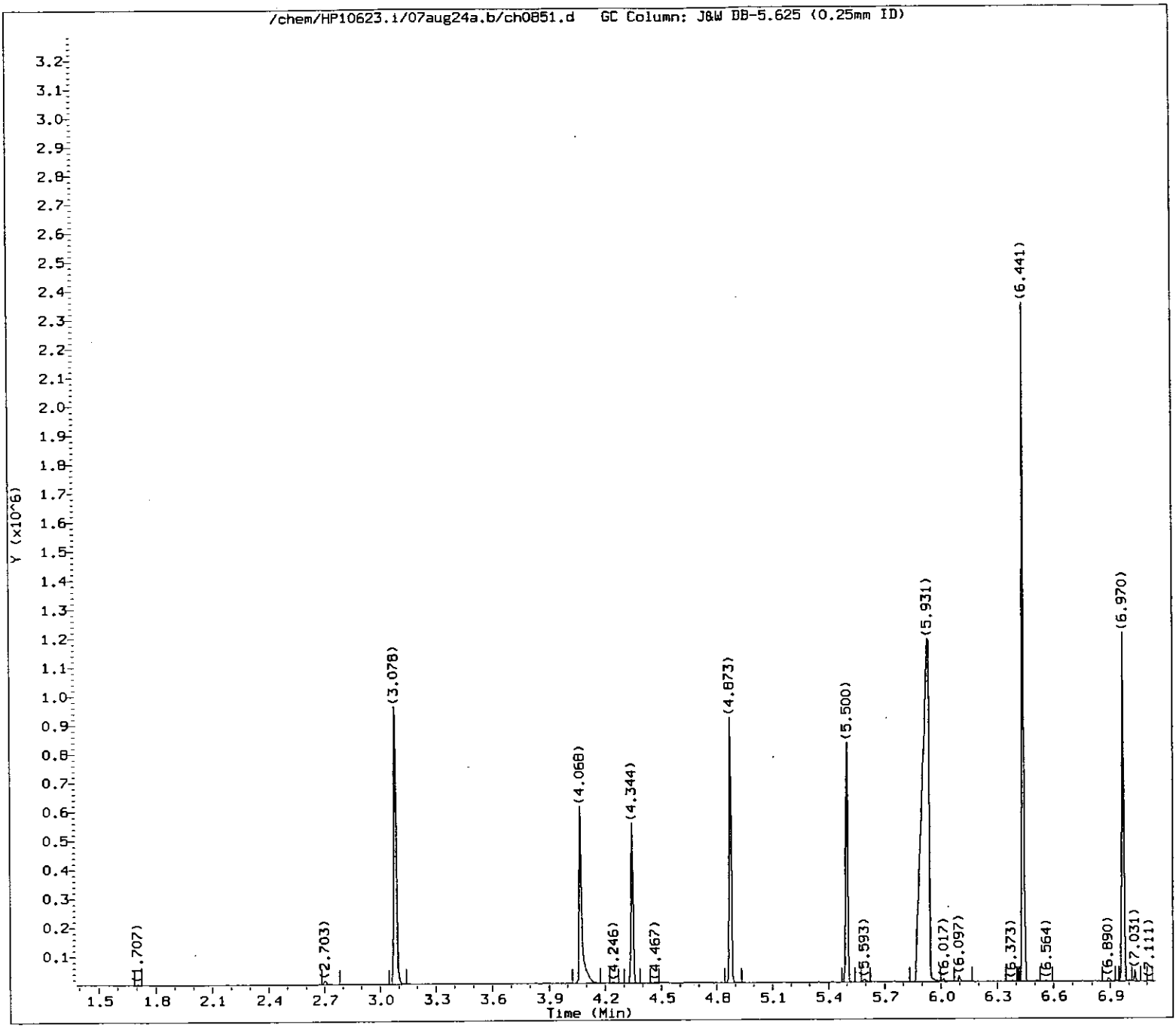
E = CONC. OUT OF CAL. RANGE # = RELATIVE RETENTION TIME OUT OF RANGE

Total number of targets = 64

Comments:

Analyst: Michelle Smith Date: 08/29/07
Auditor: Michelle Smith Date: 8/31/07

8368



Quant Report

Target Revision 3.5

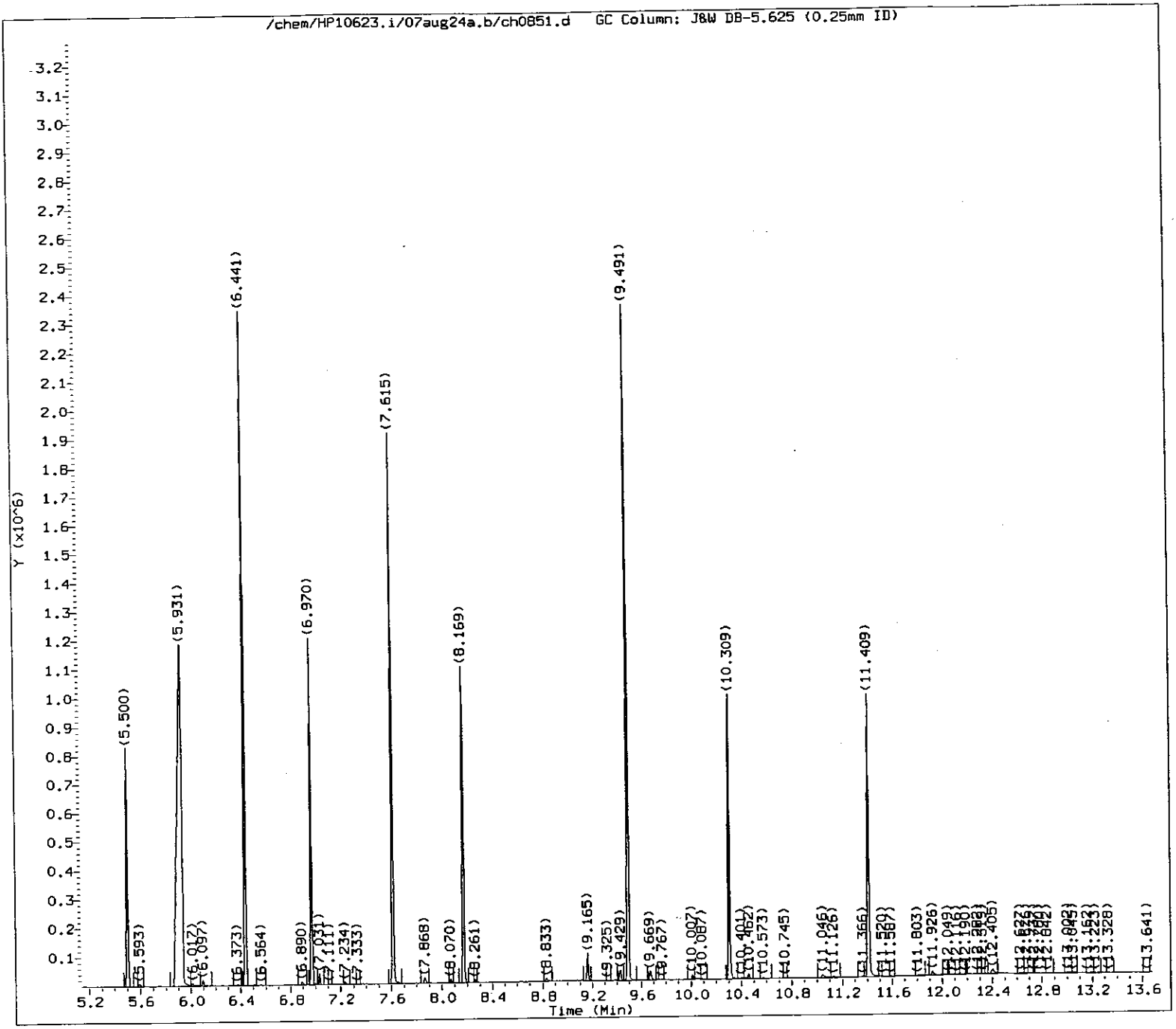
Data File: /chem/HP10623.i/07aug24a.b/ch0851.d Instrument ID: HP10623.i
Injection date and time: 25-AUG-2007 06:22 Analyst ID: lmh00956

Method used: /chem/HP10623.i/07aug24a.b/m8270.m Sublist used: WTC8
Calibration date and time: 27-AUG-2007 19:42
Date, time and analyst ID of latest file update: 29-Aug-2007 19:26 lmh00956

Sample Name: TF-23 Lab Sample ID: 5136498

8369

lmh 8/29/07



Quant Report

Target Revision 3.5

Data File: /chem/HP10623.i/07aug24a.b/ch0851.d Instrument ID: HP10623.i
Injection date and time: 25-AUG-2007 06:22 Analyst ID: lmh00956

Method used: /chem/HP10623.i/07aug24a.b/m8270.m Sublist used: WTC8
Calibration date and time: 27-AUG-2007 19:42
Date, time and analyst ID of latest file update: 29-Aug-2007 19:26 lmh00956

Sample Name: TF-23 Lab Sample ID: 5136498

0378

lmh1958 08/29/07

Quant Report

Target Revision 3.5

Data File: /chem/HP10623.i/07aug24a.b/ch0851.d Instrument ID: HP10623.i
Injection date and time: 25-AUG-2007 06:22 Analyst ID: lmh00956

Method used: /chem/HP10623.i/07aug24a.b/m8270.m Sublist used: WTC8
Calibration date and time: 27-AUG-2007 19:42
Date, time and analyst ID of latest file update: 29-Aug-2007 19:26 lmh00956

Sample Name: TF-23 Lab Sample ID: 5136498

	Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
21)	1,4-Dichlorobenzene-d4	(1)	4.344	152	69503	40.0000
46)	Naphthalene-d8	(2)	5.500	136	305339	40.0000
82)	Acenaphthene-d10	(3)	6.970	164	190888	40.0000
120)	Phenanthrene-d10	(4)	8.169	188	345620	40.0000
149)	Chrysene-d12	(5)	10.309	240	313532	40.0000
161)	Perylene-d12	(6)	11.409	264	271421	40.0000
9)	2-Fluorophenol	(1)	3.084	112	297772	121.8630
14)	Phenol-d6	(1)	4.068	99	270569	84.3393
35)	Nitrobenzene-d5	(2)	4.873	82	236267	89.0363
66)	2-Fluorobiphenyl	(3)	6.441	172	521570	88.0955
104)	2,4,6-Tribromophenol	(3)	7.615	330	194813	174.4306
138)	Terphenyl-d14	(5)	9.491	244	605520	85.6768

M = Compound was manually integrated. A = User selected an alternate hit

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TF123

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 5136499

Sample wt/vol: 981 (g/mL) ML Lab File ID: gh1142.d

Level: (low/med) LOW Date Received: 08/23/07

% Moisture: not dec: dec: Date Extracted: 08/28/07

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/31/07

Injection Volume: 1 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Extraction: Sepf

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	LOQ	UG/L	Q
108-95-2	Phenol			5	U
111-44-4	bis(2-Chloroethyl)ether			5	U
95-57-8	2-Chlorophenol			5	U
541-73-1	1,3-Dichlorobenzene			5	U
106-46-7	1,4-Dichlorobenzene			5	U
95-50-1	1,2-Dichlorobenzene			5	U
95-48-7	2-Methylphenol			5	U
108-60-1	2,2'-oxybis(1-Chloropropane)			5	U
621-64-7	N-Nitroso-di-n-propylamine			5	U
106-44-5	4-Methylphenol			5	U
67-72-1	Hexachloroethane			5	U
98-95-3	Nitrobenzene			5	U
78-59-1	Isophorone			5	U
88-75-5	2-Nitrophenol			5	U
105-67-9	2,4-Dimethylphenol			10	U
111-91-1	bis(2-Chloroethoxy)methane			5	U
120-83-2	2,4-Dichlorophenol			5	U
120-82-1	1,2,4-Trichlorobenzene			5	U
91-20-3	Naphthalene			5	U
106-47-8	4-Chloroaniline			5	U
87-68-3	Hexachlorobutadiene			5	U
59-50-7	4-Chloro-3-methylphenol			5	U
91-57-6	2-Methylnaphthalene			5	U
77-47-4	Hexachlorocyclopentadiene			15	U
88-06-2	2,4,6-Trichlorophenol			5	U
95-95-4	2,4,5-Trichlorophenol			5	U
91-58-7	2-Chloronaphthalene			5	U
88-74-4	2-Nitroaniline			5	U
131-11-3	Dimethylphthalate			5	U
606-20-2	2,6-Dinitrotoluene			5	U

8372

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TF123

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 5136499

Sample wt/vol: 981 (g/mL) ML Lab File ID: gh1142.d

Level: (low/med) LOW Date Received: 08/23/07

% Moisture: not dec: dec: Date Extracted: 08/28/07

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/31/07

Injection Volume: 1 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Extraction: Sepf

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	LOQ UG/L	Q
208-96-8	Acenaphthylene		5	U
99-09-2	3-Nitroaniline		5	U
83-32-9	Acenaphthene		5	U
51-28-5	2,4-Dinitrophenol		61	U
100-02-7	4-Nitrophenol		31	U
132-64-9	Dibenzofuran		5	U
121-14-2	2,4-Dinitrotoluene		5	U
84-66-2	Diethylphthalate		5	U
86-73-7	Fluorene		5	U
7005-72-3	4-Chlorophenyl-phenylether		5	U
100-01-6	4-Nitroaniline		5	U
534-52-1	4,6-Dinitro-2-methylphenol		15	U
86-30-6	N-Nitrosodiphenylamine		5	U
101-55-3	4-Bromophenyl-phenylether		5	U
118-74-1	Hexachlorobenzene		5	U
87-86-5	Pentachlorophenol		15	U
85-01-8	Phenanthrene		5	U
120-12-7	Anthracene		5	U
86-74-8	Carbazole		5	U
84-74-2	Di-n-butylphthalate		5	U
206-44-0	Fluoranthene		5	U
129-00-0	Pyrene		5	U
85-68-7	Butylbenzylphthalate		5	U
91-94-1	3,3'-Dichlorobenzidine		5	U
56-55-3	Benzo(a)anthracene		5	U
218-01-9	Chrysene		5	U
117-81-7	bis(2-Ethylhexyl)phthalate		5	U
117-84-0	Di-n-octylphthalate		5	U
205-99-2	Benzo(b)fluoranthene		5	U
207-08-9	Benzo(k)fluoranthene		5	U

0373

1C cont

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TF123

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 5136499

Sample wt/vol: 981 (g/mL) ML Lab File ID: gh1142.d

Level: (low/med) LOW Date Received: 08/23/07

% Moisture: not dec: dec: Date Extracted: 08/28/07

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/31/07

Injection Volume: 1 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Extraction: Sepf

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	LOQ	UG/L	Q
50-32-8	Benzo(a)pyrene			5	U
193-39-5	Indeno(1,2,3-cd)pyrene			5	U
53-70-3	Dibenz(a,h)anthracene			5	U
191-24-2	Benzo(g,h,i)perylene			5	U

8374

TF123

Lancaster Labs
Quantitation Report GC/MS Semi-Volatiles

5136499

Data file: /chem/HP11165.i/07aug31.b/gh1142.d Blank Data file reference:**/chem/HP11165.i/07aug31.b/gh1139.d**
Injection date and time: 31-AUG-2007 12:54 Instrument ID: HP11165.i Batch: 07240WAD
Date, time and analyst ID of latest file update: 31-Aug-2007 15:46 gjd01970

Method used: /chem/HP11165.i/07aug31.b/minti.m Sublist used: **WTC8**
Calibration date and time (Last Method Edit): 31-AUG-2007 15:24
Mid Level Daily Calibration Standard Reference: /chem/HP11165.i/07aug31.b/gh1131.d

Sample Concentration Formula: On-Column Amount * DF * Uf * Vt/(Vo * Vi) Matrix: WATER GPC Cleanup: No

Dilution Factor (DF): 1 Unit Correction Factor (Uf): 1 Volume Injected (Vi): 1 ul
GPC Cleanup Factor (gpcf): 1 Sample Volume (Vo): 981.0 ml Final Extract Volume (Vt): 1000 ul

Internal Standards	RT (+/-RT)	Scan	QIon	Area (+/- %Area)	Conc (ng/ul)	QC Flag
21) 1,4-Dichlorobenzene-d4	4.824(0.002)	652	152.0	183593(-2)	40.00	
52) Naphthalene-d8	5.979(0.002)	868	136.0	806157(-4)	40.00	
97) Acenaphthene-d10	7.456(0.007)	1144	164.0	473127(-5)	40.00	
134) Phenanthrene-d10	8.670(0.002)	1371	188.0	936099(-3)	40.00	
166) Chrysene-d12	10.831(0.007)	1775	240.0	823107(-4)	40.00	
174) Perylene-d12	12.237(0.007)	2038	264.0	617630(-17)	40.00	

= RETENTION TIME OUT OF RANGE * = INTERNAL STANDARD OUT OF RANGE NC = NOT ABLE TO CALCULATE

Surrogate Standards	I.S. Ref.	RT (+/-RRT)	QIon	Area	Conc. (on column)	%Rec.	QC flags	QC Limits
9) 2-Fluorophenol	(1)	3.508(0.000)	112	988749	126.579	63%		10 - 103
15) Phenol-d6	(1)	4.519(-0.001)	99	953606	86.569	43%		10 - 82
38) Nitrobenzene-d5	(2)	5.348(0.000)	82	820412	92.605	93%		51 - 123
77) 2-Fluorobiphenyl	(3)	6.915(-0.001)	172	1332327	85.619	86%		63 - 118
118) 2,4,6-Tribromophenol	(3)	8.108(-0.001)	330	375498	192.818	96%		20 - 159
155) Terphenyl-d14	(5)	9.991(0.000)	244	1519135	90.099	90%		52 - 151

= RELATIVE RETENTION TIME OUT OF RANGE * = PERCENT REC.OUT OF RANGE D = DILUTED OUT NC = NOT ABLE TO CALCULATE

Target Compounds	I.S. Ref.	RT (+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit (ng/ul)
16) Phenol	(1)				Below MDL, Do not report				1.00
18) bis(2-Chloroethyl)ether	(1)				Below MDL, Do not report				1.00
19) 2-Chlorophenol	(1)				Below MDL, Do not report				1.00
20) 1,3-Dichlorobenzene	(1)				ND	ND			1.00
22) 1,4-Dichlorobenzene	(1)				ND	ND			1.00
25) 1,2-Dichlorobenzene	(1)				ND	ND			1.00
26) 2-Methylphenol	(1)				Below MDL, Do not report				1.00
27) 2,2'-oxybis(1-Chloropropane)	(1)				Below MDL, Do not report				1.00
31) N-Nitroso-di-n-propylamine	(1)				Below MDL, Do not report				1.00
33) 4-Methylphenol	(1)				Below MDL, Do not report				2.00
37) Hexachloroethane	(1)				Below MDL, Do not report				1.00
39) Nitrobenzene	(2)				Below MDL, Do not report				1.00
41) Isophorone	(2)				Below MDL, Do not report				1.00
42) 2-Nitrophenol	(2)				ND	ND			1.00
44) 2,4-Dimethylphenol	(2)				Below MDL, Do not report				3.00
46) bis(2-Chloroethoxy)methane	(2)				Below MDL, Do not report				1.00
49) 2,4-Dichlorophenol	(2)				ND	ND			1.00
50) 1,2,4-Trichlorobenzene	(2)				ND	ND			1.00
53) Naphthalene	(2)				Below MDL, Do not report				1.00
55) 4-Chloroaniline	(2)				Below MDL, Do not report				1.00
59) Hexachlorobutadiene	(2)				ND	ND			1.00
67) 4-Chloro-3-methylphenol	(2)				Below MDL, Do not report				1.00
69) 2-Methylnaphthalene	(2)				Below MDL, Do not report				1.00

TF123

Lancaster Labs
Quantitation Report GC/MS Semi-Volatiles

5136499

Data file: /chem/HP11165.i/07aug31.b/gh1142.d Blank Data file reference:**/chem/HP11165.i/07aug31.b/gh1139.d**
Injection date and time: 31-AUG-2007 12:54 Instrument ID: HP11165.i Batch: 07240WAD
Date, time and analyst ID of latest file update: 31-Aug-2007 15:46 gjd01970

Method used: /chem/HP11165.i/07aug31.b/minti.m Sublist used: **WTC8**
Calibration date and time (Last Method Edit): 31-AUG-2007 15:24
Mid Level Daily Calibration Standard Reference: /chem/HP11165.i/07aug31.b/gh1131.d

Sample Concentration Formula: On-Column Amount * DF * Uf * Vt/(Vo * Vi) Matrix: WATER GPC Cleanup: No

Dilution Factor (DF): 1 Unit Correction Factor (Uf): 1 Volume Injected (Vi): 1 ul
GPC Cleanup Factor (gpcf): 1 Sample Volume (Vo): 981.0 ml Final Extract Volume (Vt): 1000 ul

Target Compounds	I.S. Ref.	RT	(+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit (ng/ul)
71) Hexachlorocyclopentadiene	(3)					ND	ND			5.00
74) 2,4,6-Trichlorophenol	(3)					Below MDL, Do not report				1.00
76) 2,4,5-Trichlorophenol	(3)					Below MDL, Do not report				1.00
83) 2-Chloronaphthalene	(3)					ND	ND			2.00
88) 2-Nitroaniline	(3)					Below MDL, Do not report				1.00
91) Dimethylphthalate	(3)					ND	ND			2.00
93) 2,6-Dinitrotoluene	(3)					Below MDL, Do not report				1.00
94) Acenaphthylene	(3)					Below MDL, Do not report				1.00
96) 3-Nitroaniline	(3)					Below MDL, Do not report				1.00
98) Acenaphthene	(3)					Below MDL, Do not report				1.00
99) 2,4-Dinitrophenol	(3)					Below MDL, Do not report				20.00
102) 4-Nitrophenol	(3)					Below MDL, Do not report				10.00
103) Dibenzofuran	(3)					Below MDL, Do not report				1.00
104) 2,4-Dinitrotoluene	(3)					Below MDL, Do not report				1.00
108) Diethylphthalate	(3)					Below MDL, Do not report				2.00
110) Fluorene	(3)					ND	ND			1.00
111) 4-Chlorophenyl-phenylether	(3)					ND	ND			2.00
113) 4-Nitroaniline	(3)					Below MDL, Do not report				1.00
114) 4,6-Dinitro-2-methylphenol	(4)					ND	ND			5.00
116) N-Nitrosodiphenylamine	(4)					Below MDL, Do not report				2.00
124) 4-Bromophenyl-phenylether	(4)					ND	ND			1.00
126) Hexachlorobenzene	(4)					ND	ND			1.00
130) Pentachlorophenol	(4)					ND	ND			3.00
136) Phenanthrene	(4)					Below MDL, Do not report				1.00
137) Anthracene	(4)					Below MDL, Do not report				1.00
139) Carbazole	(4)					Below MDL, Do not report				1.00
141) Di-n-butylphthalate	(4)					Below MDL, Do not report				2.00
146) Fluoranthene	(4)					Below MDL, Do not report				1.00
153) Pyrene	(5)					Below MDL, Do not report				1.00
160) Butylbenzylphthalate	(5)					Below MDL, Do not report				2.00
163) 3,3'-Dichlorobenzidine	(5)					Below MDL, Do not report				2.00
165) Benzo(a)anthracene	(5)					Below MDL, Do not report				1.00
167) Chrysene	(5)					Below MDL, Do not report				1.00
168) bis(2-Ethylhexyl)phthalate	(5)					Below MDL, Do not report				2.00
169) Di-n-octylphthalate	(6)					Below MDL, Do not report				2.00
171) Benzo(b)fluoranthene	(6)					Below MDL, Do not report				1.00
172) Benzo(k)fluoranthene	(6)					Below MDL, Do not report				1.00
173) Benzo(a)pyrene	(6)					Below MDL, Do not report				1.00
176) Indeno(1,2,3-cd)pyrene	(6)					Below MDL, Do not report				1.00
177) Dibenz(a,h)anthracene	(6)					Below MDL, Do not report				1.00
178) Benzo(g,h,i)perylene	(6)					Below MDL, Do not report				1.00

TF123

Lancaster Labs
Quantitation Report GC/MS Semi-Volatiles

5136499

Data file: /chem/HP11165.i/07aug31.b/gh1142.d Blank Data file reference:**/chem/HP11165.i/07aug31.b/gh1139.d**
Injection date and time: 31-AUG-2007 12:54 Instrument ID: HP11165.i Batch: 07240WAD
Date, time and analyst ID of latest file update: 31-Aug-2007 15:46 gjd01970

Method used: /chem/HP11165.i/07aug31.b/minti.m Sublist used: **WTC8**
Calibration date and time (Last Method Edit): 31-AUG-2007 15:24
Mid Level Daily Calibration Standard Reference: /chem/HP11165.i/07aug31.b/gh1131.d

Sample Concentration Formula: On-Column Amount * DF * Uf * Vt/(Vo * Vi) Matrix: WATER GPC Cleanup: No

Dilution Factor (DF): 1 Unit Correction Factor (Uf): 1 Volume Injected (Vi): 1 ul
GPC Cleanup Factor (gpcf): 1 Sample Volume (Vo): 981.0 ml Final Extract Volume (Vt): 1000 ul

Target Compounds	I.S. Ref.	RT	(+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit (ng/ul)

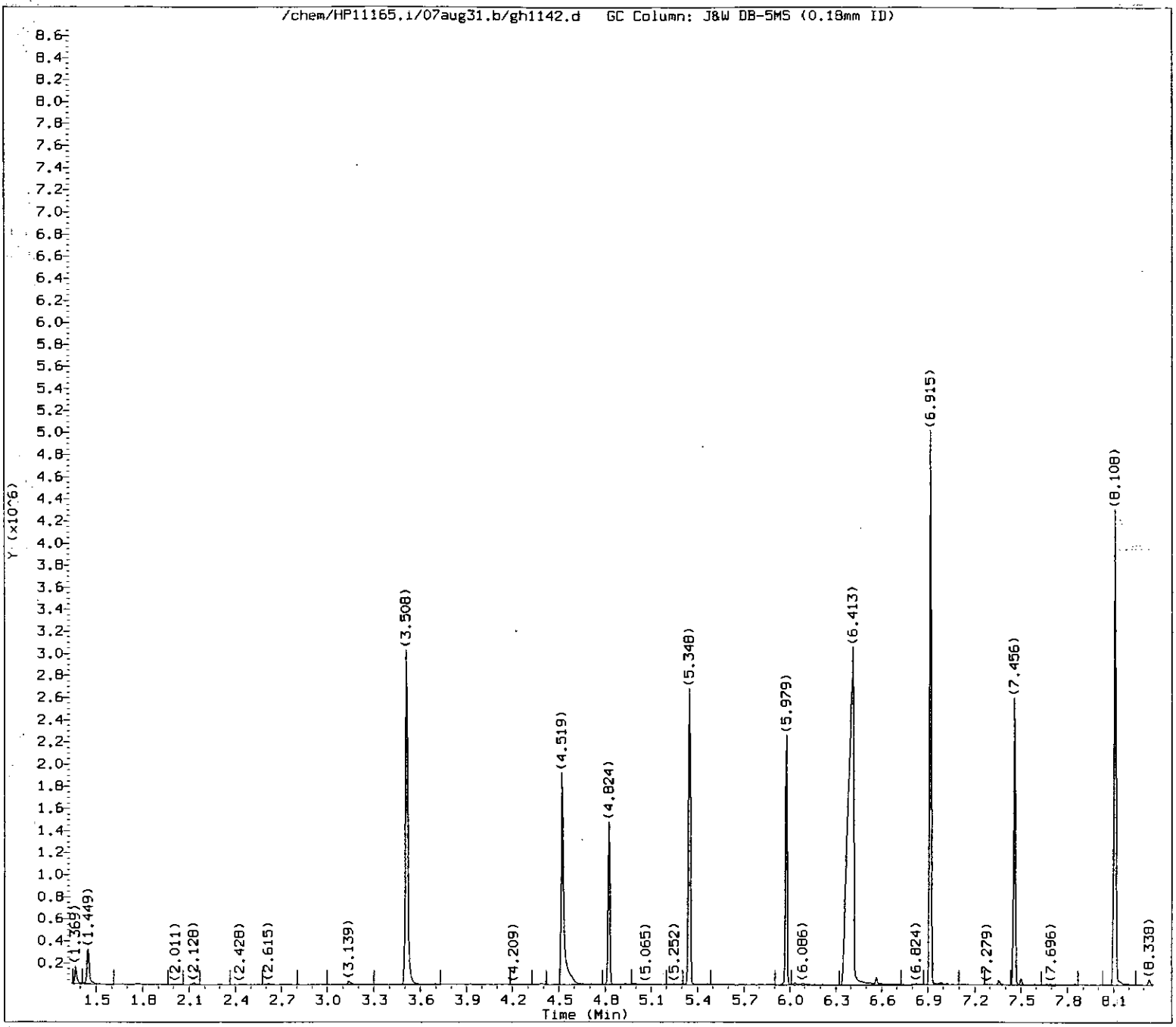
E = CONC. OUT OF CAL. RANGE # = RELATIVE RETENTION TIME OUT OF RANGE

Total number of targets = 64

Comments:

Analyst: 1970 Date: 8/3/07
Auditor: Date: 8/4/07

8377



Quant Report

Target Revision 3.5

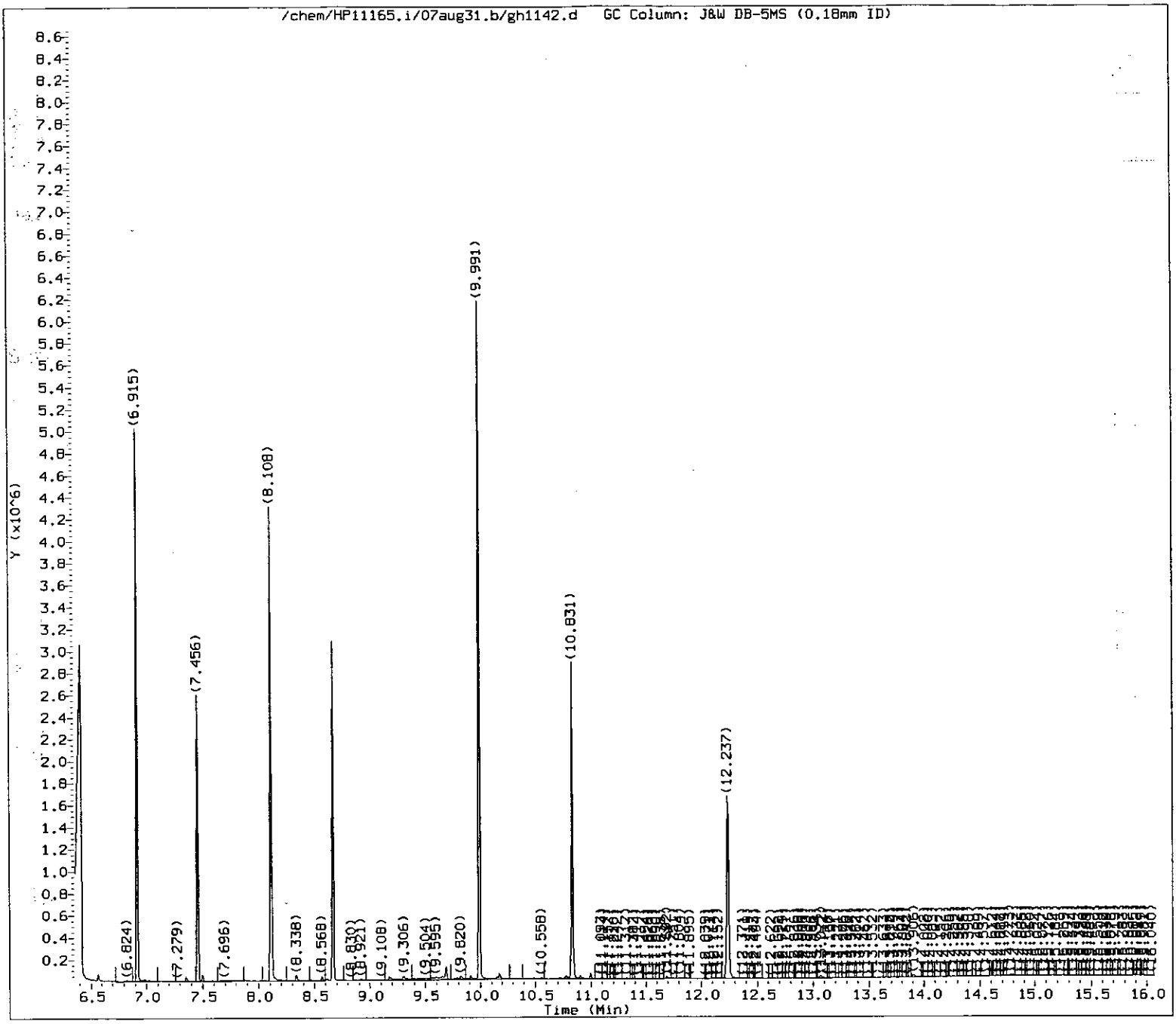
Data File: /chem/HP11165.i/07aug31.b/gh1142.d Instrument ID: HP11165.i
Injection date and time: 31-AUG-2007 12:54 Analyst ID: jmg00346

Method used: /chem/HP11165.i/07aug31.b/minti.m Sublist used: WTC8
Calibration date and time: 31-AUG-2007 15:24
Date, time and analyst ID of latest file update: 31-Aug-2007 15:46 gjd01970

Sample Name: TF123 Lab Sample ID: 5136499

0378

GJM70 9/3/07



Quant Report

Target Revision 3.5

Data File: /chem/HP11165.i/07aug31.b/gh1142.d Instrument ID: HP11165.i
Injection date and time: 31-AUG-2007 12:54 Analyst ID: jmg00346

Method used: /chem/HP11165.i/07aug31.b/minti.m Sublist used: WTC8
Calibration date and time: 31-AUG-2007 15:24
Date, time and analyst ID of latest file update: 31-Aug-2007 15:46 gjd01970

Sample Name: TF123 Lab Sample ID: 5136499

6379 GBM 8/31/07

Quant Report

Target Revision 3.5

Data File: /chem/HP11165.i/07aug31.b/gh1142.d Instrument ID: HP11165.i
Injection date and time: 31-AUG-2007 12:54 Analyst ID: jmg00346

Method used: /chem/HP11165.i/07aug31.b/minti.m Sublist used: WTC8
Calibration date and time: 31-AUG-2007 15:24
Date, time and analyst ID of latest file update: 31-Aug-2007 15:46 gjd01970

Sample Name: TF123 Lab Sample ID: 5136499

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
21) 1,4-Dichlorobenzene-d4	(1)	4.824	152	183593	40.000
52) Naphthalene-d8	(2)	5.979	136	806157	40.000
97) Acenaphthene-d10	(3)	7.456	164	473127	40.000
134) Phenanthrene-d10	(4)	8.670	188	936099	40.000
166) Chrysene-d12	(5)	10.831	240	823107	40.000
174) Perylene-d12	(6)	12.237	264	617630	40.000
9) 2-Fluorophenol	(1)	3.508	112	988749	126.579
15) Phenol-d6	(1)	4.519	99	953606	86.569
38) Nitrobenzene-d5	(2)	5.348	82	820412	92.605
77) 2-Fluorobiphenyl	(3)	6.915	172	1332327	85.619
118) 2,4,6-Tribromophenol	(3)	8.108	330	375498	192.818
155) Terphenyl-d14	(5)	9.991	244	1519135	90.099

M = Compound was manually integrated. A = User selected an alternate hit

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCEB1

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 5136500

Sample wt/vol: 947 (g/mL)ML Lab File ID: ch0853.d

Level: (low/med) LOW Date Received: 08/23/07

% Moisture: not dec: dec: Date Extracted: 08/24/07

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/25/07

Injection Volume: 1 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Extraction: Sepf

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	LOQ UG/L	Q
108-95-2	Phenol		5	U
111-44-4	bis(2-Chloroethyl)ether		5	U
95-57-8	2-Chlorophenol		5	U
541-73-1	1,3-Dichlorobenzene		5	U
106-46-7	1,4-Dichlorobenzene		5	U
95-50-1	1,2-Dichlorobenzene		5	U
95-48-7	2-Methylphenol		5	U
108-60-1	2,2'-oxybis(1-Chloropropane)		5	U
621-64-7	N-Nitroso-di-n-propylamine		5	U
106-44-5	4-Methylphenol		5	U
67-72-1	Hexachloroethane		5	U
98-95-3	Nitrobenzene		5	U
78-59-1	Isophorone		5	U
88-75-5	2-Nitrophenol		5	U
105-67-9	2,4-Dimethylphenol		11	U
111-91-1	bis(2-Chloroethoxy)methane		5	U
120-83-2	2,4-Dichlorophenol		5	U
120-82-1	1,2,4-Trichlorobenzene		5	U
91-20-3	Naphthalene		5	U
106-47-8	4-Chloroaniline		5	U
87-68-3	Hexachlorobutadiene		5	U
59-50-7	4-Chloro-3-methylphenol		5	U
91-57-6	2-Methylnaphthalene		5	U
77-47-4	Hexachlorocyclopentadiene		16	U
88-06-2	2,4,6-Trichlorophenol		5	U
95-95-4	2,4,5-Trichlorophenol		5	U
91-58-7	2-Chloronaphthalene		5	U
88-74-4	2-Nitroaniline		5	U
131-11-3	Dimethylphthalate		5	U
606-20-2	2,6-Dinitrotoluene		5	U

6381

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCEB1

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 5136500

Sample wt/vol: 947 (g/mL)ML Lab File ID: ch0853.d

Level: (low/med) LOW Date Received: 08/23/07

% Moisture: not dec: dec: Date Extracted: 08/24/07

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/25/07

Injection Volume: 1 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Extraction: Sepf

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	LOQ	UG/L	Q
208-96-8	Acenaphthylene		5	U	
99-09-2	3-Nitroaniline		5	U	
83-32-9	Acenaphthene		5	U	
51-28-5	2,4-Dinitrophenol		63	U	
100-02-7	4-Nitrophenol		32	U	
132-64-9	Dibenzofuran		5	U	
121-14-2	2,4-Dinitrotoluene		5	U	
84-66-2	Diethylphthalate		5	U	
86-73-7	Fluorene		5	U	
7005-72-3	4-Chlorophenyl-phenylether		5	U	
100-01-6	4-Nitroaniline		5	U	
534-52-1	4,6-Dinitro-2-methylphenol		16	U	
86-30-6	N-Nitrosodiphenylamine		5	U	
101-55-3	4-Bromophenyl-phenylether		5	U	
118-74-1	Hexachlorobenzene		5	U	
87-86-5	Pentachlorophenol		16	U	
85-01-8	Phenanthrene		5	U	
120-12-7	Anthracene		5	U	
86-74-8	Carbazole		5	U	
84-74-2	Di-n-butylphthalate		5	U	
206-44-0	Fluoranthene		5	U	
129-00-0	Pyrene		5	U	
85-68-7	Butylbenzylphthalate		5	U	
91-94-1	3,3'-Dichlorobenzidine		5	U	
56-55-3	Benzo(a)anthracene		5	U	
218-01-9	Chrysene		5	U	
117-81-7	bis(2-Ethylhexyl)phthalate		5	U	
117-84-0	Di-n-octylphthalate		5	U	
205-99-2	Benzo(b)fluoranthene		5	U	
207-08-9	Benzo(k)fluoranthene		5	U	

0382

1C cont

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCEB1

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 5136500

Sample wt/vol: 947 (g/mL)ML Lab File ID: ch0853.d

Level: (low/med) LOW Date Received: 08/23/07

% Moisture: not dec: dec: Date Extracted: 08/24/07

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/25/07

Injection Volume: 1 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Extraction: Sepf

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	LOQ UG/L	Q
50-32-8	Benzo(a)pyrene		5	U
193-39-5	Indeno(1,2,3-cd)pyrene		5	U
53-70-3	Dibenz(a,h)anthracene		5	U
191-24-2	Benzo(g,h,i)perylene		5	U

6383

BCEB1

Lancaster Labs
Quantitation Report GC/MS Semi-Volatiles 5136500

Data file: /chem/HP10623.i/07aug24a.b/ch0853.d Blank Data file reference:**/chem/HP10623.i/07aug24a.b/ch0824.d**
Injection date and time: 25-AUG-2007 07:03 Instrument ID: HP10623.i Batch: 07236WAB
Date, time and analyst ID of latest file update: 29-Aug-2007 19:51 lmh00956

Method used: /chem/HP10623.i/07aug24a.b/m8270.m Sublist used: **WTC8**
Calibration date and time (Last Method Edit): 29-AUG-2007 19:47
Mid Level Daily Calibration Standard Reference: /chem/HP10623.i/07aug24a.b/ch0821.d

Sample Concentration Formula: On-Column Amount * DF * Uf * Vt/(Vo * Vi) Matrix: WATER GPC Cleanup: No

Dilution Factor (DF): 1 Unit Correction Factor (Uf): 1 Volume Injected (Vi): 1 ul
GPC Cleanup Factor (gpcf): 1 Sample Volume (Vo): 947.0 ml Final Extract Volume (Vt): 1000 ul

Internal Standards	RT (+/-RT)	Scan	QIon	Area (+/- %Area)	Conc (ng/ul)	QC Flag
21) 1,4-Dichlorobenzene-d4	4.344(0.006)	482	152.0	67168(15)	40.00	
46) Naphthalene-d8	5.500(0.000)	670	136.0	301903(4)	40.00	
82) Acenaphthene-d10	6.970(0.000)	909	164.0	196536(-2)	40.00	
120) Phenanthrene-d10	8.169(0.006)	1104	188.0	355543(-10)	40.00	
149) Chrysene-d12	10.302(0.012)	1451	240.0	330068(-17)	40.00	
161) Perylene-d12	11.409(0.006)	1631	264.0	281500(-25)	40.00	

= RETENTION TIME OUT OF RANGE * = INTERNAL STANDARD OUT OF RANGE NC = NOT ABLE TO CALCULATE

Surrogate Standards	I.S. Ref.	RT (+/-RRT)	QIon	Area	Conc. (on column)	%Rec.	QC flags	QC Limits
9) 2-Fluorophenol	(1)	3.084(-0.001)	112	296629	125.615	63%		10 - 103
14) Phenol-d6	(1)	4.067(-0.001)	99	264796	85.409	43%		10 - 82
35) Nitrobenzene-d5	(2)	4.873(0.001)	82	239362	91.229	91%		51 - 123
66) 2-Fluorobiphenyl	(3)	6.441(0.000)	172	541141	88.774	89%		63 - 118
104) 2,4,6-Tribromophenol	(3)	7.615(0.001)	330	229894	199.926	100%		20 - 159
138) Terphenyl-d14	(5)	9.491(-0.001)	244	695561	93.486	93%		52 - 151

= RELATIVE RETENTION TIME OUT OF RANGE * = PERCENT REC.OUT OF RANGE D = DILUTED OUT NC = NOT ABLE TO CALCULATE

Target Compounds	I.S. Ref.	RT (+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit (ng/ul)
15) Phenol	(1)				ND	ND			1.00
18) bis(2-Chloroethyl)ether	(1)				ND	ND			1.00
19) 2-Chlorophenol	(1)				ND	ND			1.00
20) 1,3-Dichlorobenzene	(1)				ND	ND			1.00
22) 1,4-Dichlorobenzene	(1)				ND	ND			1.00
24) 1,2-Dichlorobenzene	(1)				ND	ND			1.00
25) 2-Methylphenol	(1)				ND	ND			1.00
26) 2,2'-oxybis(1-Chloropropane)	(1)				ND	ND			1.00
30) N-Nitroso-di-n-propylamine	(1)				ND	ND			1.00
31) 4-Methylphenol	(1)				ND	ND			2.00
34) Hexachloroethane	(1)				ND	ND			1.00
36) Nitrobenzene	(2)			Below MDL,	Do not report				1.00
38) Isophorone	(2)				ND	ND			1.00
39) 2-Nitrophenol	(2)				ND	ND			1.00
40) 2,4-Dimethylphenol	(2)			Below MDL,	Do not report				3.00
42) bis(2-Chloroethoxy)methane	(2)				ND	ND			1.00
44) 2,4-Dichlorophenol	(2)				ND	ND			1.00
45) 1,2,4-Trichlorobenzene	(2)				ND	ND			1.00
47) Naphthalene	(2)			Below MDL,	Do not report				1.00
48) 4-Chloroaniline	(2)				ND	ND			1.00
51) Hexachlorobutadiene	(2)				ND	ND			1.00
55) 4-Chloro-3-methylphenol	(2)			Below MDL,	Do not report				1.00

BCEB1

Lancaster Labs
Quantitation Report GC/MS Semi-Volatiles 5136500

Data file: /chem/HP10623.i/07aug24a.b/ch0853.d Blank Data file reference:**/chem/HP10623.i/07aug24a.b/ch0824.d**
Injection date and time: 25-AUG-2007 07:03 Instrument ID: HP10623.i Batch: 07236WAB
Date, time and analyst ID of latest file update: 29-Aug-2007 19:51 lmh00956

Method used: /chem/HP10623.i/07aug24a.b/m8270.m Sublist used: **WTC8**
Calibration date and time (Last Method Edit): 29-AUG-2007 19:47
Mid Level Daily Calibration Standard Reference: /chem/HP10623.i/07aug24a.b/ch0821.d

Sample Concentration Formula: On-Column Amount * DF * Uf * Vt/(Vo * Vi) Matrix: WATER GPC Cleanup: No

Dilution Factor (DF): 1 Unit Correction Factor (Uf): 1 Volume Injected (Vi): 1 ul
GPC Cleanup Factor (gpcf): 1 Sample Volume (Vo): 947.0 ml Final Extract Volume (Vt): 1000 ul

Target Compounds	I.S. Ref.	RT	(+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit (ng/ul)
58) 2-Methylnaphthalene	(2)					ND	ND			1.00
61) Hexachlorocyclopentadiene	(3)					ND	ND			5.00
64) 2,4,6-Trichlorophenol	(3)					ND	ND			1.00
65) 2,4,5-Trichlorophenol	(3)					ND	ND			1.00
71) 2-Chloronaphthalene	(3)					ND	ND			2.00
74) 2-Nitroaniline	(3)					Below MDL, Do not report				1.00
77) Dimethylphthalate	(3)					Below MDL, Do not report				2.00
79) 2,6-Dinitrotoluene	(3)					ND	ND			1.00
80) Acenaphthylene	(3)					ND	ND			1.00
81) 3-Nitroaniline	(3)					ND	ND			1.00
83) Acenaphthene	(3)					ND	ND			1.00
84) 2,4-Dinitrophenol	(3)					ND	ND			20.00
86) 4-Nitrophenol	(3)					Below MDL, Do not report				10.00
87) Dibenzofuran	(3)					ND	ND			1.00
88) 2,4-Dinitrotoluene	(3)					ND	ND			1.00
93) Diethylphthalate	(3)					Below MDL, Do not report				2.00
94) Fluorene	(3)					ND	ND			1.00
96) 4-Chlorophenyl-phenylether	(3)					ND	ND			2.00
98) 4-Nitroaniline	(3)					ND	ND			1.00
99) 4,6-Dinitro-2-methylphenol	(4)					Below MDL, Do not report				5.00
102) N-Nitrosodiphenylamine	(4)					Below MDL, Do not report				2.00
110) 4-Bromophenyl-phenylether	(4)					ND	ND			1.00
112) Hexachlorobenzene	(4)					ND	ND			1.00
116) Pentachlorophenol	(4)					ND	ND			3.00
121) Phenanthrene	(4)					Below MDL, Do not report				1.00
124) Anthracene	(4)					Below MDL, Do not report				1.00
125) Carbazole	(4)					ND	ND			1.00
128) Di-n-butylphthalate	(4)					Below MDL, Do not report				2.00
134) Fluoranthene	(4)					ND	ND			1.00
136) Pyrene	(5)					Below MDL, Do not report				1.00
143) Butylbenzylphthalate	(5)					ND	ND			2.00
145) 3,3'-Dichlorobenzidine	(5)					ND	ND			2.00
146) Benzo(a)anthracene	(5)					Below MDL, Do not report				1.00
150) Chrysene	(5)					Below MDL, Do not report				1.00
151) bis(2-Ethylhexyl)phthalate	(5)					Below MDL, Do not report				2.00
156) Di-n-octylphthalate	(6)					ND	ND			2.00
158) Benzo(b)fluoranthene	(6)					ND	ND			1.00
159) Benzo(k)fluoranthene	(6)					ND	ND			1.00
160) Benzo(a)pyrene	(6)					Below MDL, Do not report				1.00
168) Indeno(1,2,3-cd)pyrene	(6)					ND	ND			1.00
169) Dibenz(a,h)anthracene	(6)					ND	ND			1.00

BCEB1

Lancaster Labs
Quantitation Report GC/MS Semi-Volatiles 5136500

Data file: /chem/HP10623.i/07aug24a.b/ch0853.d Blank Data file reference:/chem/HP10623.i/07aug24a.b/ch0824.d
Injection date and time: 25-AUG-2007 07:03 Instrument ID: HP10623.i Batch: 07236WAB
Date, time and analyst ID of latest file update: 29-Aug-2007 19:51 lmh00956

Method used: /chem/HP10623.i/07aug24a.b/m8270.m Sublist used: WTC8
Calibration date and time (Last Method Edit): 29-AUG-2007 19:47
Mid Level Daily Calibration Standard Reference: /chem/HP10623.i/07aug24a.b/ch0821.d

Sample Concentration Formula: On-Column Amount * DF * Uf * Vt/(Vo * Vi) Matrix: WATER GPC Cleanup: No

Dilution Factor (DF): 1 Unit Correction Factor (Uf): 1 Volume Injected (Vi): 1 ul
GPC Cleanup Factor (gpcf): 1 Sample Volume (Vo): 947.0 ml Final Extract Volume (Vt): 1000 ul

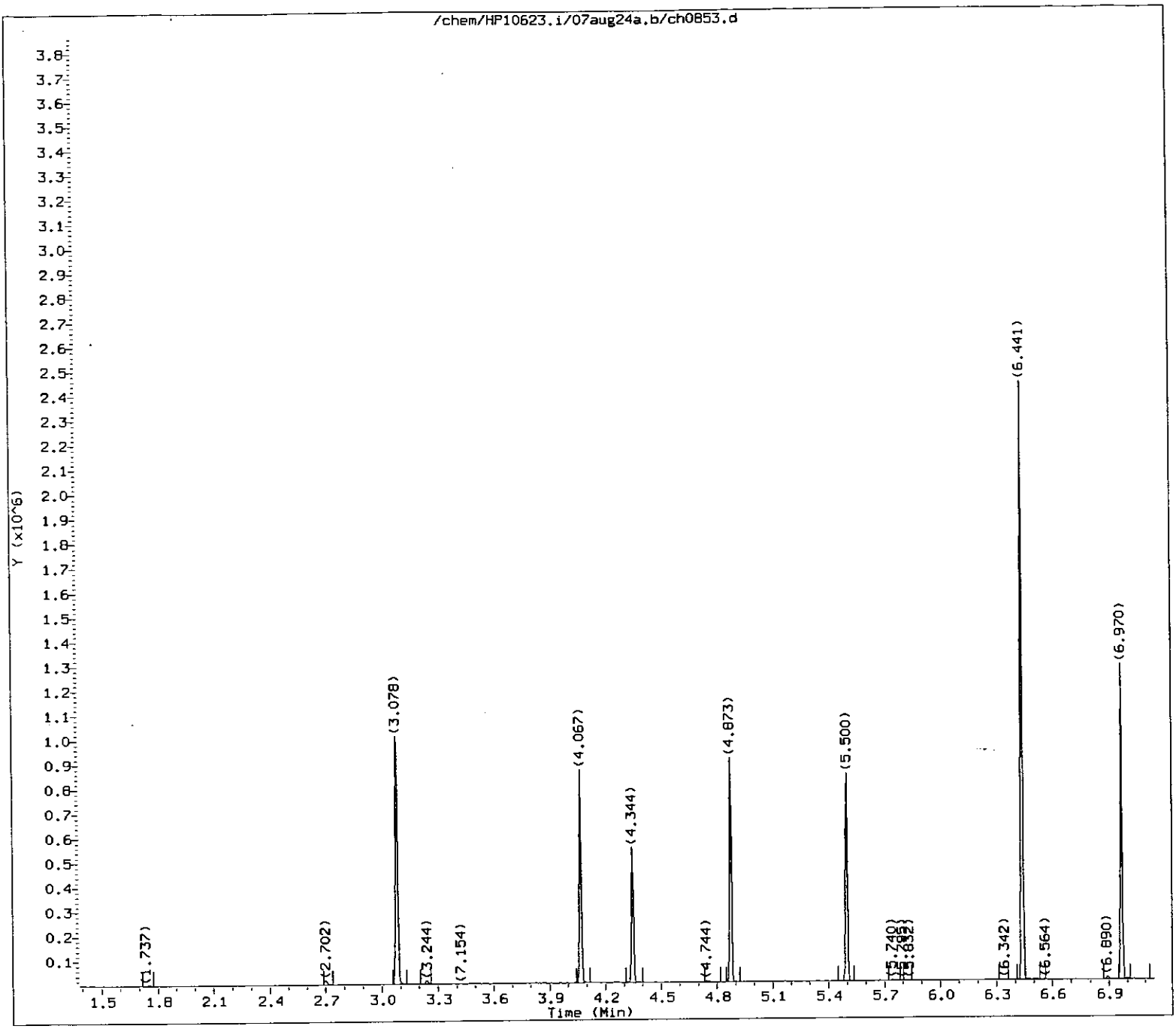
Target Compounds	I.S. Ref.	RT	(+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit (ng/ul)
170) Benzo(g,h,i)perylene	(6)					ND	ND			1.00

E = CONC. OUT OF CAL. RANGE # = RELATIVE RETENTION TIME OUT OF RANGE

Total number of targets = 64

Comments:

Analyst: Michelle Smith Date: 08/29/07
Auditor: Date: 8/31/07



Quant Report

Target Revision 3.5

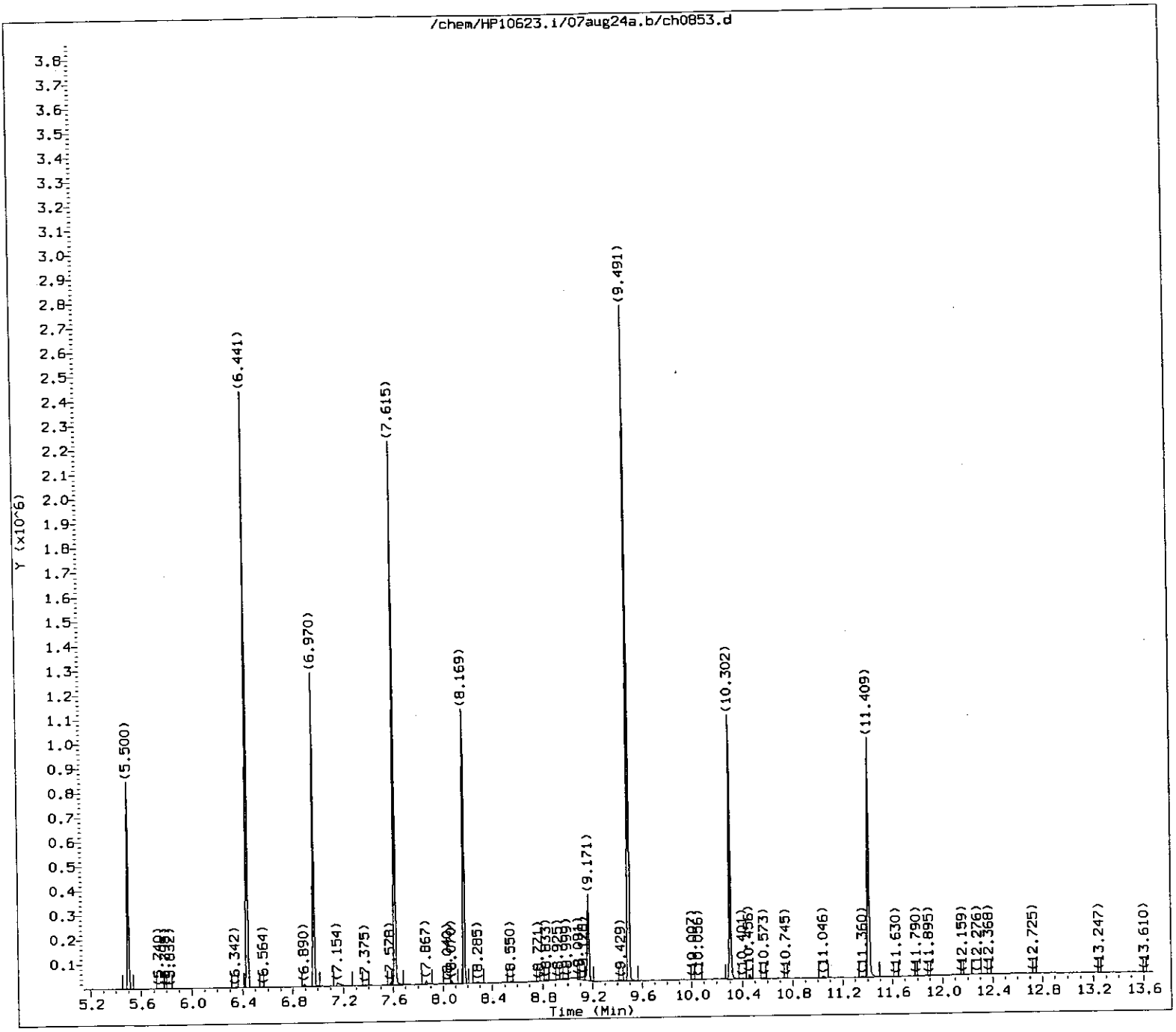
Data File: /chem/HP10623.i/07aug24a.b/ch0853.d Instrument ID: HP10623.i
Injection date and time: 25-AUG-2007 07:03 Analyst ID: lmh00956

Method used: /chem/HP10623.i/07aug24a.b/m8270.m Sublist used: WTC8
Calibration date and time: 24-AUG-2007 20:30
Date, time and analyst ID of latest file update: 27-Aug-2007 22:39 lmh00956

Sample Name: BCEB1 Lab Sample ID: 5136500

6387

lmh 08/27/07



Quant Report

Target Revision 3.5

Data File: /chem/HP10623.i/07aug24a.b/ch0853.d Instrument ID: HP10623.i
Injection date and time: 25-AUG-2007 07:03 Analyst ID: lmh00956

Method used: /chem/HP10623.i/07aug24a.b/m8270.m Sublist used: WTC8
Calibration date and time: 24-AUG-2007 20:30
Date, time and analyst ID of latest file update: 27-Aug-2007 22:39 lmh00956

Sample Name: BCEB1 Lab Sample ID: 5136500

0388

lmh 8/27/07

Quant Report

Target Revision 3.5

Data File: /chem/HP10623.i/07aug24a.b/ch0853.d Instrument ID: HP10623.i
Injection date and time: 25-AUG-2007 07:03 Analyst ID: lmh00956

Method used: /chem/HP10623.i/07aug24a.b/m8270.m Sublist used: WTC8
Calibration date and time: 24-AUG-2007 20:30
Date, time and analyst ID of latest file update: 27-Aug-2007 22:39 lmh00956

Sample Name: BCEB1 Lab Sample ID: 5136500

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
21) 1,4-Dichlorobenzene-d4	(1)	4.344	152	67168	40.0000
46) Naphthalene-d8	(2)	5.500	136	301903	40.0000
82) Acenaphthene-d10	(3)	6.970	164	196536	40.0000
120) Phenanthrene-d10	(4)	8.169	188	355543	40.0000
149) Chrysene-d12	(5)	10.302	240	330068	40.0000
161) Perylene-d12	(6)	11.409	264	281500	40.0000
9) 2-Fluorophenol	(1)	3.084	112	296629	125.6153
14) Phenol-d6	(1)	4.067	99	264796	85.4091
35) Nitrobenzene-d5	(2)	4.873	82	239362	91.2292
66) 2-Fluorobiphenyl	(3)	6.441	172	541141	88.7744
104) 2,4,6-Tribromophenol	(3)	7.615	330	229894	199.9258
138) Terphenyl-d14	(5)	9.491	244	695561	93.4864

M = Compound was manually integrated. A = User selected an alternate hit

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

DC--2

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 5136502

Sample wt/vol: 983 (g/mL)ML Lab File ID: ch0854.d

Level: (low/med) LOW Date Received: 08/23/07

% Moisture: not dec: dec: Date Extracted: 08/24/07

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/25/07

Injection Volume: 1 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Extraction: Sepf

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	LOQ	UG/L	Q
108-95-2	Phenol			5	U
111-44-4	bis(2-Chloroethyl)ether			5	U
95-57-8	2-Chlorophenol			5	U
541-73-1	1,3-Dichlorobenzene			5	U
106-46-7	1,4-Dichlorobenzene			5	U
95-50-1	1,2-Dichlorobenzene			5	U
95-48-7	2-Methylphenol			5	U
108-60-1	2,2'-oxybis(1-Chloropropane)			5	U
621-64-7	N-Nitroso-di-n-propylamine			5	U
106-44-5	4-Methylphenol			5	U
67-72-1	Hexachloroethane			5	U
98-95-3	Nitrobenzene			5	U
78-59-1	Isophorone			5	U
88-75-5	2-Nitrophenol			5	U
105-67-9	2,4-Dimethylphenol			10	U
111-91-1	bis(2-Chloroethoxy)methane			5	U
120-83-2	2,4-Dichlorophenol			5	U
120-82-1	1,2,4-Trichlorobenzene			5	U
91-20-3	Naphthalene			5	U
106-47-8	4-Chloroaniline			5	U
87-68-3	Hexachlorobutadiene			5	U
59-50-7	4-Chloro-3-methylphenol			5	U
91-57-6	2-Methylnaphthalene			5	U
77-47-4	Hexachlorocyclopentadiene			15	U
88-06-2	2,4,6-Trichlorophenol			5	U
95-95-4	2,4,5-Trichlorophenol			5	U
91-58-7	2-Chloronaphthalene			5	U
88-74-4	2-Nitroaniline			5	U
131-11-3	Dimethylphthalate			5	U
606-20-2	2,6-Dinitrotoluene			5	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

DC--2

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 5136502

Sample wt/vol: 983 (g/mL) ML Lab File ID: ch0854.d

Level: (low/med) LOW Date Received: 08/23/07

% Moisture: not dec: dec: Date Extracted: 08/24/07

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/25/07

Injection Volume: 1 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Extraction: Sepf

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	LOQ UG/L	Q
208-96-8	Acenaphthylene		5	U
99-09-2	3-Nitroaniline		5	U
83-32-9	Acenaphthene		5	U
51-28-5	2,4-Dinitrophenol		61	U
100-02-7	4-Nitrophenol		31	U
132-64-9	Dibenzofuran		5	U
121-14-2	2,4-Dinitrotoluene		5	U
84-66-2	Diethylphthalate		5	U
86-73-7	Fluorene		5	U
7005-72-3	4-Chlorophenyl-phenylether		5	U
100-01-6	4-Nitroaniline		5	U
534-52-1	4,6-Dinitro-2-methylphenol		15	U
86-30-6	N-Nitrosodiphenylamine		5	U
101-55-3	4-Bromophenyl-phenylether		5	U
118-74-1	Hexachlorobenzene		5	U
87-86-5	Pentachlorophenol		15	U
85-01-8	Phenanthrene		5	U
120-12-7	Anthracene		5	U
86-74-8	Carbazole		5	U
84-74-2	Di-n-butylphthalate		5	U
206-44-0	Fluoranthene		5	U
129-00-0	Pyrene		5	U
85-68-7	Butylbenzylphthalate		5	U
91-94-1	3,3'-Dichlorobenzidine		5	U
56-55-3	Benzo(a)anthracene		5	U
218-01-9	Chrysene		5	U
117-81-7	bis(2-Ethylhexyl)phthalate		5	U
117-84-0	Di-n-octylphthalate		5	U
205-99-2	Benzo(b)fluoranthene		5	U
207-08-9	Benzo(k)fluoranthene		5	U

8391

1C cont

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

DC--2

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 5136502

Sample wt/vol: 983 (g/mL)ML Lab File ID: ch0854.d

Level: (low/med) LOW Date Received: 08/23/07

% Moisture: not dec: dec: Date Extracted: 08/24/07

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/25/07

Injection Volume: 1 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Extraction: Sepf

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	LOQ	UG/L	Q
50-32-8	Benzo(a)pyrene			5	U
193-39-5	Indeno(1,2,3-cd)pyrene			5	U
53-70-3	Dibenz(a,h)anthracene			5	U
191-24-2	Benzo(g,h,i)perylene			5	U

8392

DC--2

Lancaster Labs
Quantitation Report GC/MS Semi-Volatiles 5136502

Data file: /chem/HP10623.i/07aug24a.b/ch0854.d Blank Data file reference:**/chem/HP10623.i/07aug24a.b/ch0824.d**
Injection date and time: 25-AUG-2007 07:25 Instrument ID: HP10623.i Batch: 07236WAB
Date, time and analyst ID of latest file update: 29-Aug-2007 19:52 lmh00956

Method used: /chem/HP10623.i/07aug24a.b/m8270.m Sublist used: **WTC8**
Calibration date and time (Last Method Edit): 29-AUG-2007 19:47
Mid Level Daily Calibration Standard Reference: /chem/HP10623.i/07aug24a.b/ch0821.d

Sample Concentration Formula: On-Column Amount * DF * Uf * Vt/(Vo * Vi) Matrix: WATER GPC Cleanup: No

Dilution Factor (DF): 1 Unit Correction Factor (Uf): 1 Volume Injected (Vi): 1 ul
GPC Cleanup Factor (gpcf): 1 Sample Volume (Vo): 983.0 ml Final Extract Volume (Vt): 1000 ul

Internal Standards	RT (+/-RT)	Scan	QIon	Area(+/- %Area)	Conc (ng/ul)	QC Flag
21) 1,4-Dichlorobenzene-d4	4.344(0.006)	482	152.0	67560(16)	40.00	
46) Naphthalene-d8	5.500(0.000)	670	136.0	296673(2)	40.00	
82) Acenaphthene-d10	6.970(0.000)	909	164.0	182656(-9)	40.00	
120) Phenanthrene-d10	8.169(0.006)	1104	188.0	324109(-18)	40.00	
149) Chrysene-d12	10.308(0.006)	1452	240.0	287025(-27)	40.00	
161) Perylene-d12	11.409(0.006)	1631	264.0	250419(-34)	40.00	

= RETENTION TIME OUT OF RANGE * = INTERNAL STANDARD OUT OF RANGE NC = NOT ABLE TO CALCULATE

Surrogate Standards	I.S. Ref.	RT (+/-RRT)	QIon	Area	Conc. (on column)	%Rec.	QC flags	QC Limits
9) 2-Fluorophenol	(1)	3.084(-0.001)	112	294852	124.138	62%		10 - 103
14) Phenol-d6	(1)	4.067(-0.001)	99	267789	85.873	43%		10 - 82
35) Nitrobenzene-d5	(2)	4.873(0.001)	82	232194	90.057	90%		51 - 123
66) 2-Fluorobiphenyl	(3)	6.441(0.000)	172	499466	88.164	88%		63 - 118
104) 2,4,6-Tribromophenol	(3)	7.615(0.001)	330	191235	178.944	89%		20 - 159
138) Terphenyl-d14	(5)	9.491(-0.001)	244	548179	84.727	85%		52 - 151

= RELATIVE RETENTION TIME OUT OF RANGE * = PERCENT REC.OUT OF RANGE D = DILUTED OUT NC = NOT ABLE TO CALCULATE

Target Compounds	I.S. Ref.	RT (+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit (ng/ul)
15) Phenol	(1)				ND	ND			1.00
18) bis(2-Chloroethyl)ether	(1)				ND	ND			1.00
19) 2-Chlorophenol	(1)				ND	ND			1.00
20) 1,3-Dichlorobenzene	(1)				ND	ND			1.00
22) 1,4-Dichlorobenzene	(1)				ND	ND			1.00
24) 1,2-Dichlorobenzene	(1)				ND	ND			1.00
25) 2-Methylphenol	(1)				ND	ND			1.00
26) 2,2'-oxybis(1-Chloropropane)	(1)				ND	ND			1.00
30) N-Nitroso-di-n-propylamine	(1)				ND	ND			1.00
31) 4-Methylphenol	(1)				ND	ND			2.00
34) Hexachloroethane	(1)				ND	ND			1.00
36) Nitrobenzene	(2)			Below MDL,	Do not report				1.00
38) Isophorone	(2)				ND	ND			1.00
39) 2-Nitrophenol	(2)				ND	ND			1.00
40) 2,4-Dimethylphenol	(2)			Below MDL,	Do not report				3.00
42) bis(2-Chloroethoxy)methane	(2)			Below MDL,	Do not report				1.00
44) 2,4-Dichlorophenol	(2)				ND	ND			1.00
45) 1,2,4-Trichlorobenzene	(2)				ND	ND			1.00
47) Naphthalene	(2)				ND	ND			1.00
48) 4-Chloroaniline	(2)				ND	ND			1.00
51) Hexachlorobutadiene	(2)				ND	ND			1.00
55) 4-Chloro-3-methylphenol	(2)				ND	ND			1.00

DC--2

Lancaster Labs
Quantitation Report GC/MS Semi-Volatiles 5136502

Data file: /chem/HP10623.i/07aug24a.b/ch0854.d Blank Data file reference:**/chem/HP10623.i/07aug24a.b/ch0824.d**
Injection date and time: 25-AUG-2007 07:25 Instrument ID: HP10623.i Batch: 07236WAB
Date, time and analyst ID of latest file update: 29-Aug-2007 19:52 lmh00956

Method used: /chem/HP10623.i/07aug24a.b/m8270.m Sublist used: **WTCS**
Calibration date and time (Last Method Edit): 29-AUG-2007 19:47
Mid Level Daily Calibration Standard Reference: /chem/HP10623.i/07aug24a.b/ch0821.d

Sample Concentration Formula: On-Column Amount * DF * Uf * Vt/(Vo * Vi) Matrix: WATER GPC Cleanup: No

Dilution Factor (DF): 1 Unit Correction Factor (Uf): 1 Volume Injected (Vi): 1 ul
GPC Cleanup Factor (gpcf): 1 Sample Volume (Vo): 983.0 ml Final Extract Volume (Vt): 1000 ul

Target Compounds	I.S. Ref.	RT	(+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit (ng/ul)
58) 2-Methylnaphthalene	(2)					ND	ND			1.00
61) Hexachlorocyclopentadiene	(3)					ND	ND			5.00
64) 2,4,6-Trichlorophenol	(3)					ND	ND			1.00
65) 2,4,5-Trichlorophenol	(3)					ND	ND			1.00
71) 2-Chloronaphthalene	(3)					ND	ND			2.00
74) 2-Nitroaniline	(3)					Below MDL, Do not report				1.00
77) Dimethylphthalate	(3)					ND	ND			2.00
79) 2,6-Dinitrotoluene	(3)					ND	ND			1.00
80) Acenaphthylene	(3)					ND	ND			1.00
81) 3-Nitroaniline	(3)					ND	ND			1.00
83) Acenaphthene	(3)					ND	ND			1.00
84) 2,4-Dinitrophenol	(3)					ND	ND			20.00
86) 4-Nitrophenol	(3)					Below MDL, Do not report				10.00
87) Dibenzofuran	(3)					ND	ND			1.00
88) 2,4-Dinitrotoluene	(3)					ND	ND			1.00
93) Diethylphthalate	(3)					Below MDL, Do not report				2.00
94) Fluorene	(3)					ND	ND			1.00
96) 4-Chlorophenyl-phenylether	(3)					ND	ND			2.00
98) 4-Nitroaniline	(3)					ND	ND			1.00
99) 4,6-Dinitro-2-methylphenol	(4)					Below MDL, Do not report				5.00
102) N-Nitrosodiphenylamine	(4)					Below MDL, Do not report				2.00
110) 4-Bromophenyl-phenylether	(4)					ND	ND			1.00
112) Hexachlorobenzene	(4)					ND	ND			1.00
116) Pentachlorophenol	(4)					ND	ND			3.00
121) Phenanthrene	(4)					ND	ND			1.00
124) Anthracene	(4)					ND	ND			1.00
125) Carbazole	(4)					ND	ND			1.00
128) Di-n-butylphthalate	(4)					Below MDL, Do not report				2.00
134) Fluoranthene	(4)					ND	ND			1.00
136) Pyrene	(5)					Below MDL, Do not report				1.00
143) Butylbenzylphthalate	(5)					ND	ND			2.00
145) 3,3'-Dichlorobenzidine	(5)					ND	ND			2.00
146) Benzo(a)anthracene	(5)					Below MDL, Do not report				1.00
150) Chrysene	(5)					Below MDL, Do not report				1.00
151) bis(2-Ethylhexyl)phthalate	(5)					Below MDL, Do not report				2.00
156) Di-n-octylphthalate	(6)					ND	ND			2.00
158) Benzo(b)fluoranthene	(6)					ND	ND			1.00
159) Benzo(k)fluoranthene	(6)					ND	ND			1.00
160) Benzo(a)pyrene	(6)					Below MDL, Do not report				1.00
168) Indeno(1,2,3-cd)pyrene	(6)					ND	ND			1.00
169) Dibenz(a,h)anthracene	(6)					ND	ND			1.00

DC--2

Lancaster Labs
Quantitation Report GC/MS Semi-Volatiles 5136502

Data file: /chem/HP10623.i/07aug24a.b/ch0854.d Blank Data file reference:**/chem/HP10623.i/07aug24a.b/ch0824.d**
Injection date and time: 25-AUG-2007 07:25 Instrument ID: HP10623.i Batch: 07236WAB
Date, time and analyst ID of latest file update: 29-Aug-2007 19:52 lmh00956

Method used: /chem/HP10623.i/07aug24a.b/m8270.m Sublist used: **WTC8**
Calibration date and time (Last Method Edit): 29-AUG-2007 19:47
Mid Level Daily Calibration Standard Reference: /chem/HP10623.i/07aug24a.b/ch0821.d

Sample Concentration Formula: On-Column Amount * DF * Uf * Vt/(Vo * Vi) Matrix: WATER GPC Cleanup: No

Dilution Factor (DF): 1 Unit Correction Factor (Uf): 1 Volume Injected (Vi): 1 ul
GPC Cleanup Factor (gpcf): 1 Sample Volume (Vo): 983.0 ml Final Extract Volume (Vt): 1000 ul

Target Compounds	I.S. Ref.	RT	(+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit (ng/ul)
170) Benzo(g,h,i)perylene	(6)					ND	ND			1.00

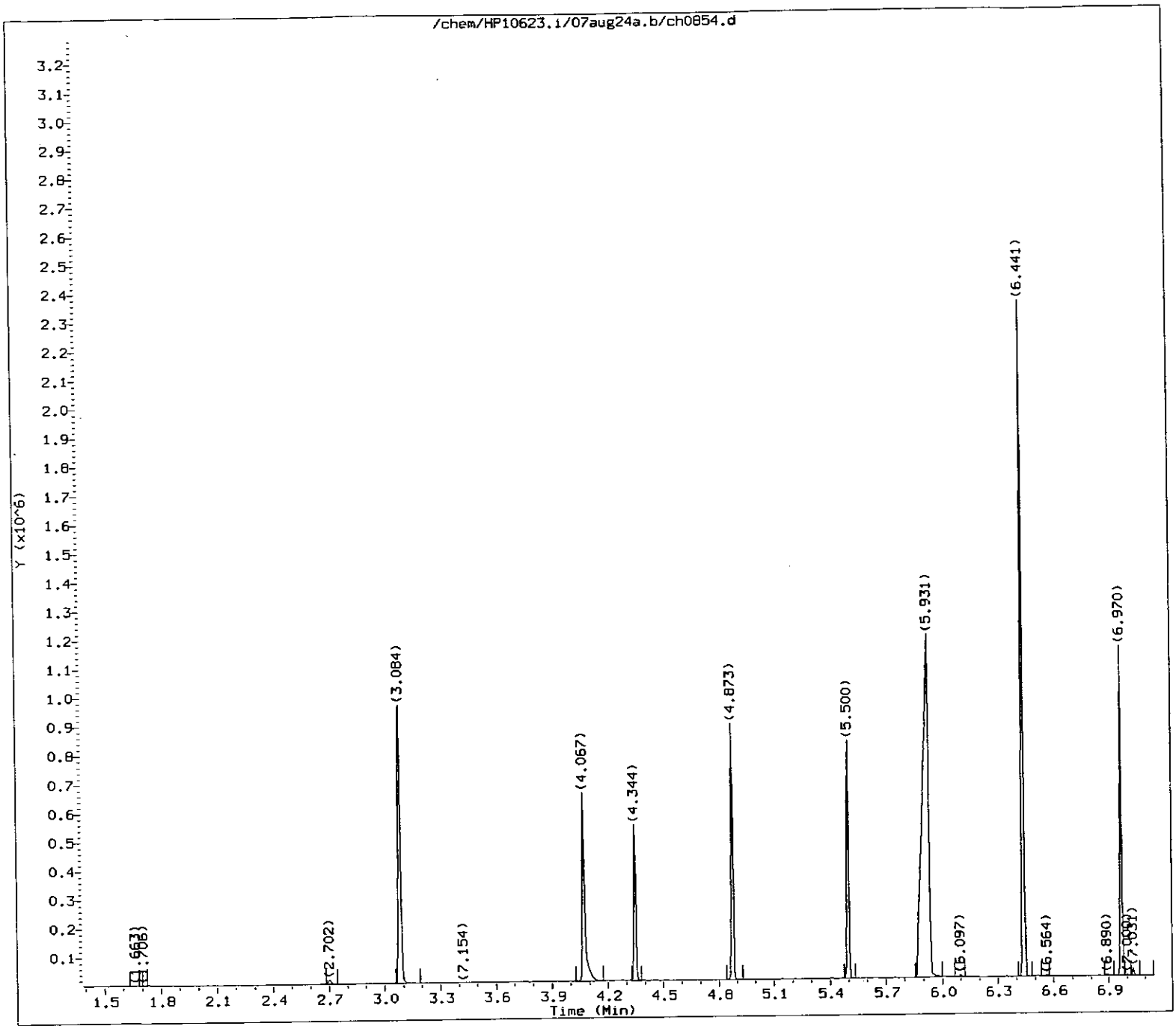
E = CONC. OUT OF CAL. RANGE # = RELATIVE RETENTION TIME OUT OF RANGE

Total number of targets = 64

Comments:

Analyst: Date: 08/29/07
Auditor: Date: 8/31/07

8395



Quant Report

Target Revision 3.5

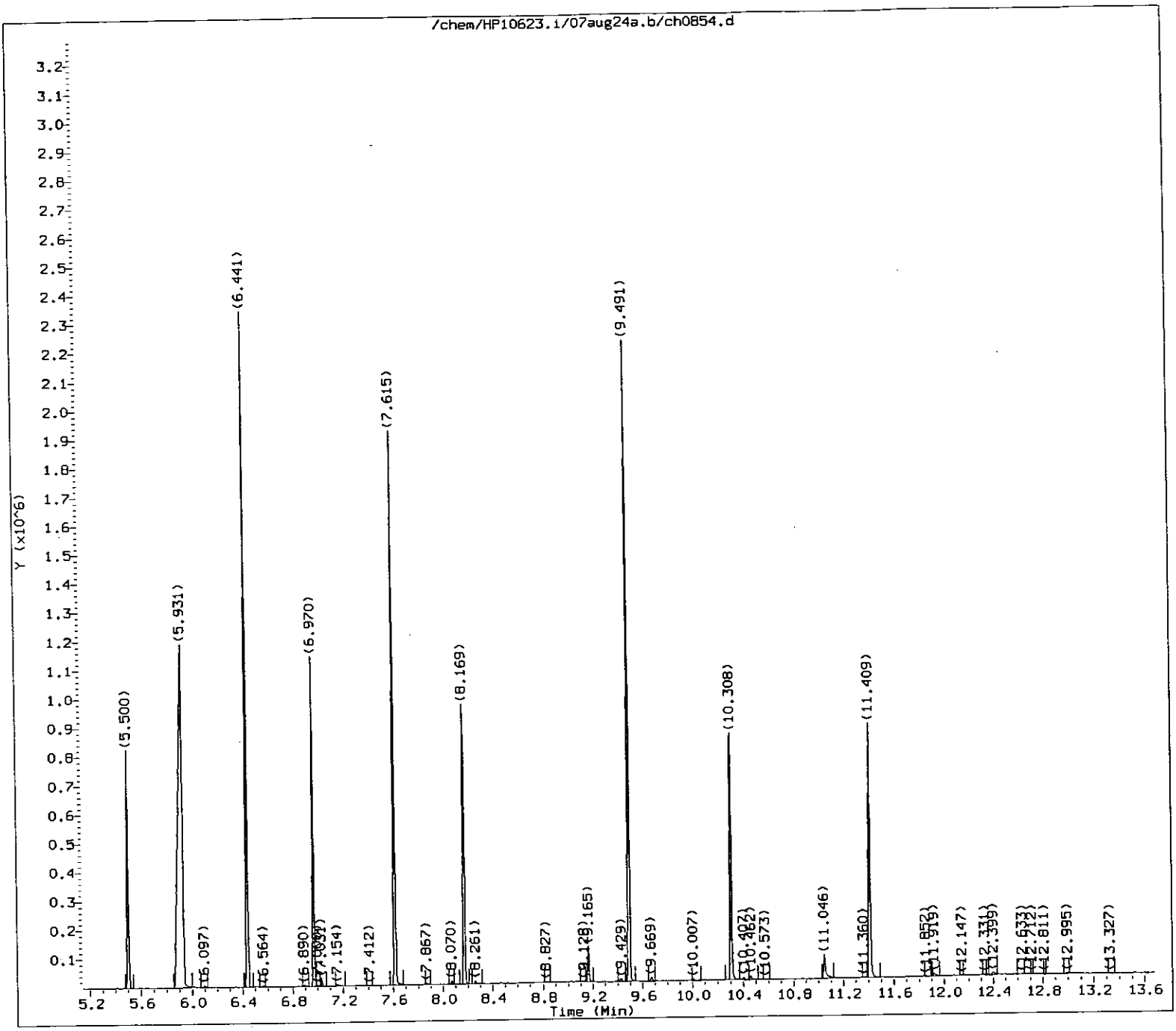
Data File: /chem/HP10623.i/07aug24a.b/ch0854.d Instrument ID: HP10623.i
Injection date and time: 25-AUG-2007 07:25 Analyst ID: lmh00956

Method used: /chem/HP10623.i/07aug24a.b/m8270.m Sublist used: WTC8
Calibration date and time: 24-AUG-2007 20:30
Date, time and analyst ID of latest file update: 27-Aug-2007 22:40 lmh00956

Sample Name: DC--2 Lab Sample ID: 5136502

8396

lmh 08/27/07



Quant Report

Target Revision 3.5

Data File: /chem/HP10623.i/07aug24a.b/ch0854.d
Injection date and time: 25-AUG-2007 07:25

Instrument ID: HP10623.i
Analyst ID: lmh00956

Method used: /chem/HP10623.i/07aug24a.b/m8270.m
Calibration date and time: 24-AUG-2007 20:30

Sublist used: WTC8

Date, time and analyst ID of latest file update: 27-Aug-2007 22:40 lmh00956

Sample Name: DC--2

Lab Sample ID: 5136502

6397

Quant Report

Target Revision 3.5

Data File: /chem/HP10623.i/07aug24a.b/ch0854.d Instrument ID: HP10623.i
Injection date and time: 25-AUG-2007 07:25 Analyst ID: lmh00956

Method used: /chem/HP10623.i/07aug24a.b/m8270.m Sublist used: WTC8
Calibration date and time: 24-AUG-2007 20:30
Date, time and analyst ID of latest file update: 27-Aug-2007 22:40 lmh00956

Sample Name: DC--2 Lab Sample ID: 5136502

	Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
21)	1,4-Dichlorobenzene-d4	(1)	4.344	152	67560	40.0000
46)	Naphthalene-d8	(2)	5.500	136	296673	40.0000
82)	Acenaphthene-d10	(3)	6.970	164	182656	40.0000
120)	Phenanthrene-d10	(4)	8.169	188	324109	40.0000
149)	Chrysene-d12	(5)	10.308	240	287025	40.0000
161)	Perylene-d12	(6)	11.409	264	250419	40.0000
9)	2-Fluorophenol	(1)	3.084	112	294852	124.1383
14)	Phenol-d6	(1)	4.067	99	267789	85.8734
35)	Nitrobenzene-d5	(2)	4.873	82	232194	90.0573
66)	2-Fluorobiphenyl	(3)	6.441	172	499466	88.1641
104)	2,4,6-Tribromophenol	(3)	7.615	330	191235	178.9439
138)	Terphenyl-d14	(5)	9.491	244	548179	84.7265

M = Compound was manually integrated. A = User selected an alternate hit

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

DB-8A

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 5136503

Sample wt/vol: 1001 (g/mL) ML Lab File ID: ch0875.d

Level: (low/med) LOW Date Received: 08/23/07

% Moisture: not dec: dec: Date Extracted: 08/24/07

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/28/07

Injection Volume: 1 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Extraction: Sepf

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	LOQ UG/L	Q
108-95-2	Phenol		5	U
111-44-4	bis(2-Chloroethyl)ether		5	U
95-57-8	2-Chlorophenol		5	U
541-73-1	1,3-Dichlorobenzene		5	U
106-46-7	1,4-Dichlorobenzene		5	U
95-50-1	1,2-Dichlorobenzene		5	U
95-48-7	2-Methylphenol		5	U
108-60-1	2,2'-oxybis(1-Chloropropane)		5	U
621-64-7	N-Nitroso-di-n-propylamine		5	U
106-44-5	4-Methylphenol		5	U
67-72-1	Hexachloroethane		5	U
98-95-3	Nitrobenzene		5	U
78-59-1	Isophorone		5	U
88-75-5	2-Nitrophenol		5	U
105-67-9	2,4-Dimethylphenol		10	U
111-91-1	bis(2-Chloroethoxy)methane		5	U
120-83-2	2,4-Dichlorophenol		5	U
120-82-1	1,2,4-Trichlorobenzene		5	U
91-20-3	Naphthalene		5	U
106-47-8	4-Chloroaniline		5	U
87-68-3	Hexachlorobutadiene		5	J
59-50-7	4-Chloro-3-methylphenol		5	U
91-57-6	2-Methylnaphthalene		5	U
77-47-4	Hexachlorocyclopentadiene		15	U
88-06-2	2,4,6-Trichlorophenol		5	U
95-95-4	2,4,5-Trichlorophenol		5	U
91-58-7	2-Chloronaphthalene		5	U
88-74-4	2-Nitroaniline		5	U
131-11-3	Dimethylphthalate		5	U
606-20-2	2,6-Dinitrotoluene		5	U

8399

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

DB-8A

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 5136503

Sample wt/vol: 1001 (g/mL) ML Lab File ID: ch0875.d

Level: (low/med) LOW Date Received: 08/23/07

% Moisture: not dec: dec: Date Extracted: 08/24/07

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/28/07

Injection Volume: 1 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Extraction: Sepf

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	LOQ	UG/L	Q
208-96-8	Acenaphthylene			5	U
99-09-2	3-Nitroaniline			5	U
83-32-9	Acenaphthene			5	U
51-28-5	2,4-Dinitrophenol			60	U
100-02-7	4-Nitrophenol			30	U
132-64-9	Dibenzofuran			5	U
121-14-2	2,4-Dinitrotoluene			5	U
84-66-2	Diethylphthalate			5	U
86-73-7	Fluorene			5	U
7005-72-3	4-Chlorophenyl-phenylether			5	U
100-01-6	4-Nitroaniline			5	U
534-52-1	4,6-Dinitro-2-methylphenol			15	U
86-30-6	N-Nitrosodiphenylamine			5	U
101-55-3	4-Bromophenyl-phenylether			5	U
118-74-1	Hexachlorobenzene			5	U
87-86-5	Pentachlorophenol			15	U
85-01-8	Phenanthrene			5	U
120-12-7	Anthracene			5	U
86-74-8	Carbazole			5	U
84-74-2	Di-n-butylphthalate			5	U
206-44-0	Fluoranthene			5	U
129-00-0	Pyrene			5	U
85-68-7	Butylbenzylphthalate			5	U
91-94-1	3,3'-Dichlorobenzidine			5	U
56-55-3	Benzo(a)anthracene			5	U
218-01-9	Chrysene			5	U
117-81-7	bis(2-Ethylhexyl)phthalate			5	U
117-84-0	Di-n-octylphthalate			5	U
205-99-2	Benzo(b)fluoranthene			5	U
207-08-9	Benzo(k)fluoranthene			5	U

8488

1C cont

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

DB-8A

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 5136503

Sample wt/vol: 1001 (g/mL) ML Lab File ID: ch0875.d

Level: (low/med) LOW Date Received: 08/23/07

% Moisture: not dec: dec: Date Extracted: 08/24/07

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/28/07

Injection Volume: 1 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Extraction: Sepf

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	LOQ UG/L	Q
50-32-8	Benzo(a)pyrene		5	U
193-39-5	Indeno(1,2,3-cd)pyrene		5	U
53-70-3	Dibenz(a,h)anthracene		5	U
191-24-2	Benzo(g,h,i)perylene		5	U

8481

DB-8A

Lancaster Labs
Quantitation Report GC/MS Semi-Volatiles 5136503

Data file: /chem/HP10623.i/07aug27.b/ch0875.d Blank Data file reference:/chem/HP10623.i/07aug24a.b/ch0824.d
Injection date and time: 28-AUG-2007 00:51 Instrument ID: HP10623.i Batch: 07236WAB
Date, time and analyst ID of latest file update: 29-Aug-2007 20:00 lmh00956

Method used: /chem/HP10623.i/07aug27.b/m8270.m Sublist used: WTC8
Calibration date and time (Last Method Edit): 28-AUG-2007 19:17
Mid Level Daily Calibration Standard Reference: /chem/HP10623.i/07aug27.b/ch0861.d

Sample Concentration Formula: On-Column Amount * DF * Uf * Vt/(Vo * Vi) Matrix: WATER GPC Cleanup: No

Dilution Factor (DF): 1 Unit Correction Factor (Uf): 1 Volume Injected (Vi): 1 ul
GPC Cleanup Factor (gpcf): 1 Sample Volume (Vo): 1001.0 ml Final Extract Volume (Vt): 1000 ul

Internal Standards	RT (+/-RT)	Scan	QIon	Area(+/- %Area)	Conc (ng/ul)	QC Flag
21) 1,4-Dichlorobenzene-d4	4.320(0.006)	478	152.0	73743(-9)	40.00	
46) Naphthalene-d8	5.476(0.006)	666	136.0	330390(-6)	40.00	
82) Acenaphthene-d10	6.945(0.006)	905	164.0	199955(-5)	40.00	
120) Phenanthrene-d10	8.150(0.006)	1101	188.0	367852(-6)	40.00	
149) Chrysene-d12	10.278(0.012)	1447	240.0	325009(-4)	40.00	
161) Perylene-d12	11.378(0.006)	1626	264.0	284589(-12)	40.00	

= RETENTION TIME OUT OF RANGE * = INTERNAL STANDARD OUT OF RANGE NC = NOT ABLE TO CALCULATE

Surrogate Standards	I.S. Ref.	RT (+/-RRT)	QIon	Area	Conc. (on column)	%Rec.	QC flags	QC Limits
9) 2-Fluorophenol	(1)	3.059(-0.001)	112	351520	135.588	68%		10 - 103
14) Phenol-d6	(1)	4.049(0.000)	99	220471	64.772	32%		10 - 82
35) Nitrobenzene-d5	(2)	4.855(0.000)	82	271484	94.550	95%		51 - 123
66) 2-Fluorobiphenyl	(3)	6.423(-0.001)	172	564837	91.077	91%		63 - 118
104) 2,4,6-Tribromophenol	(3)	7.597(-0.001)	330	221314	189.173	95%		20 - 159
138) Terphenyl-d14	(5)	9.472(-0.001)	244	645100	88.054	88%		52 - 151

= RELATIVE RETENTION TIME OUT OF RANGE * = PERCENT REC.OUT OF RANGE D = DILUTED OUT NC = NOT ABLE TO CALCULATE

Target Compounds	I.S. Ref.	RT	(+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit (ng/ul)
15) Phenol	(1)					ND	ND			1.00
18) bis(2-Chloroethyl)ether	(1)					Below MDL, Do not report				1.00
19) 2-Chlorophenol	(1)					ND	ND			1.00
20) 1,3-Dichlorobenzene	(1)					ND	ND			1.00
22) 1,4-Dichlorobenzene	(1)					ND	ND			1.00
24) 1,2-Dichlorobenzene	(1)					ND	ND			1.00
25) 2-Methylphenol	(1)					Below MDL, Do not report				1.00
26) 2,2'-oxybis(1-Chloropropane)	(1)					ND	ND			1.00
30) N-Nitroso-di-n-propylamine	(1)					Below MDL, Do not report				1.00
31) 4-Methylphenol	(1)					ND	ND			2.00
34) Hexachloroethane	(1)					ND	ND			1.00
36) Nitrobenzene	(2)					Below MDL, Do not report				1.00
38) Isophorone	(2)					ND	ND			1.00
39) 2-Nitrophenol	(2)					ND	ND			1.00
40) 2,4-Dimethylphenol	(2)					Below MDL, Do not report				3.00
42) bis(2-Chloroethoxy)methane	(2)					ND	ND			1.00
44) 2,4-Dichlorophenol	(2)					ND	ND			1.00
45) 1,2,4-Trichlorobenzene	(2)					ND	ND			1.00
47) Naphthalene	(2)					ND	ND			1.00
48) 4-Chloroaniline	(2)					ND	ND			1.00
51) Hexachlorobutadiene	(2)	5.623(-0.001)		225	6041	4.915	4.91			1.00
55) 4-Chloro-3-methylphenol	(2)					ND	ND			1.00
58) 2-Methylnaphthalene	(2)					Below MDL, Do not report				1.00

8482

DB-8A

Lancaster Labs
Quantitation Report GC/MS Semi-Volatiles

5136503

Data file: /chem/HP10623.i/07aug27.b/ch0875.d Blank Data file reference:/chem/HP10623.i/07aug24a.b/ch0824.d
Injection date and time: 28-AUG-2007 00:51 Instrument ID: HP10623.i Batch: 07236WAB
Date, time and analyst ID of latest file update: 29-Aug-2007 20:00 lmh00956

Method used: /chem/HP10623.i/07aug27.b/m8270.m Sublist used: WTC8
Calibration date and time (Last Method Edit): 28-AUG-2007 19:17
Mid Level Daily Calibration Standard Reference: /chem/HP10623.i/07aug27.b/ch0861.d

Sample Concentration Formula: On-Column Amount * DF * Uf * Vt/(Vo * Vi) Matrix: WATER GPC Cleanup: No

Dilution Factor (DF): 1 Unit Correction Factor (Uf): 1 Volume Injected (Vi): 1 ul
GPC Cleanup Factor (gpcf): 1 Sample Volume (Vo): 1001.0 ml Final Extract Volume (Vt): 1000 ul

Target Compounds	I.S. Ref.	RT	(+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit (ng/ul)
61) Hexachlorocyclopentadiene	(3)					ND	ND			5.00
64) 2,4,6-Trichlorophenol	(3)					ND	ND			1.00
65) 2,4,5-Trichlorophenol	(3)					ND	ND			1.00
71) 2-Chloronaphthalene	(3)					ND	ND			2.00
74) 2-Nitroaniline	(3)					Below MDL, Do not report				1.00
77) Dimethylphthalate	(3)					ND	ND			2.00
79) 2,6-Dinitrotoluene	(3)					ND	ND			1.00
80) Acenaphthylene	(3)					ND	ND			1.00
81) 3-Nitroaniline	(3)					ND	ND			1.00
83) Acenaphthene	(3)					ND	ND			1.00
84) 2,4-Dinitrophenol	(3)					ND	ND			20.00
86) 4-Nitrophenol	(3)					Below MDL, Do not report				10.00
87) Dibenzofuran	(3)					ND	ND			1.00
88) 2,4-Dinitrotoluene	(3)					ND	ND			1.00
93) Diethylphthalate	(3)					Below MDL, Do not report				2.00
94) Fluorene	(3)					ND	ND			1.00
96) 4-Chlorophenyl-phenylether	(3)					ND	ND			2.00
98) 4-Nitroaniline	(3)					Below MDL, Do not report				1.00
99) 4,6-Dinitro-2-methylphenol	(4)					Below MDL, Do not report				5.00
102) N-Nitrosodiphenylamine	(4)					Below MDL, Do not report				2.00
110) 4-Bromophenyl-phenylether	(4)					ND	ND			1.00
112) Hexachlorobenzene	(4)					ND	ND			1.00
116) Pentachlorophenol	(4)					ND	ND			3.00
121) Phenanthrene	(4)					Below MDL, Do not report				1.00
124) Anthracene	(4)					Below MDL, Do not report				1.00
125) Carbazole	(4)					ND	ND			1.00
128) Di-n-butylphthalate	(4)					Below MDL, Do not report				2.00
134) Fluoranthene	(4)					Below MDL, Do not report				1.00
136) Pyrene	(5)					Below MDL, Do not report				1.00
143) Butylbenzylphthalate	(5)					ND	ND			2.00
145) 3,3'-Dichlorobenzidine	(5)					ND	ND			2.00
146) Benzo(a)anthracene	(5)					Below MDL, Do not report				1.00
150) Chrysene	(5)					Below MDL, Do not report				1.00
151) bis(2-Ethylhexyl)phthalate	(5)					Below MDL, Do not report				2.00
156) Di-n-octylphthalate	(6)					ND	ND			2.00
158) Benzo(b)fluoranthene	(6)					Below MDL, Do not report				1.00
159) Benzo(k)fluoranthene	(6)					Below MDL, Do not report				1.00
160) Benzo(a)pyrene	(6)					Below MDL, Do not report				1.00
168) Indeno(1,2,3-cd)pyrene	(6)					ND	ND			1.00
169) Dibenz(a,h)anthracene	(6)					ND	ND			1.00

6483

DB-8A

Lancaster Labs
Quantitation Report GC/MS Semi-Volatiles 5136503

Data file: /chem/HP10623.i/07aug27.b/ch0875.d Blank Data file reference:/chem/HP10623.i/07aug24a.b/cb0824.d
Injection date and time: 28-AUG-2007 00:51 Instrument ID: HP10623.i Batch: 07236WAB
Date, time and analyst ID of latest file update: 29-Aug-2007 20:00 lmh00956

Method used: /chem/HP10623.i/07aug27.b/m8270.m Sublist used: WTC8
Calibration date and time (Last Method Edit): 28-AUG-2007 19:17
Mid Level Daily Calibration Standard Reference: /chem/HP10623.i/07aug27.b/ch0861.d

Sample Concentration Formula: On-Column Amount * DF * Uf * Vt/(Vo * Vi) Matrix: WATER GPC Cleanup: No

Dilution Factor (DF): 1 Unit Correction Factor (Uf): 1 Volume Injected (Vi): 1 ul
GPC Cleanup Factor (gpcf): 1 Sample Volume (Vo): 1001.0 ml Final Extract Volume (Vt): 1000 ul

Target Compounds	I.S. Ref.	RT	(+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit (ng/ul)
170) Benzo(g,h,i)perylene	(6)					ND	ND			1.00

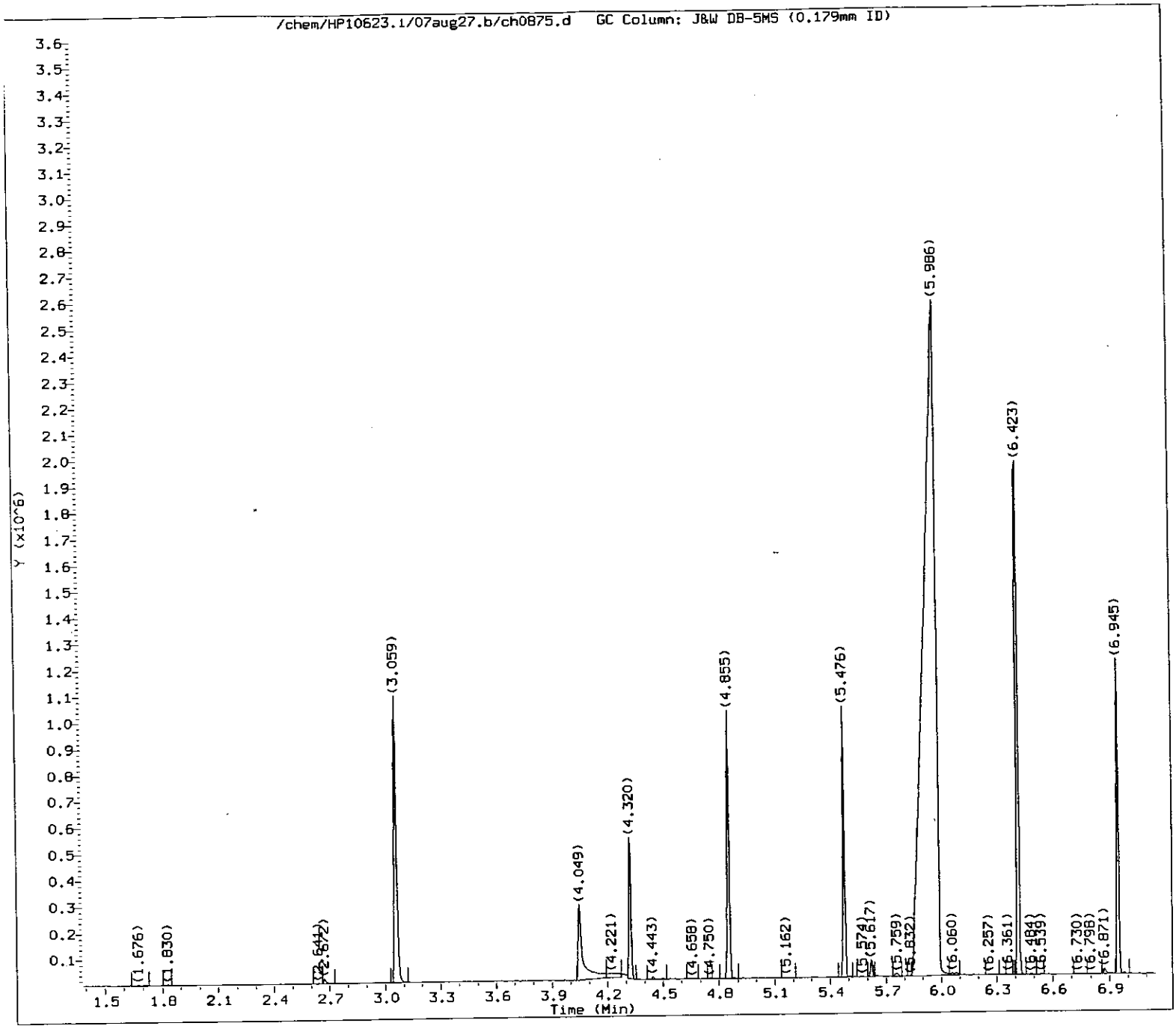
E = CONC. OUT OF CAL. RANGE # = RELATIVE RETENTION TIME OUT OF RANGE

Total number of targets = 64

Comments:

Analyst: Date: 08/29/07
Auditor: Date: 8/30/07

0484



Quant Report

Target Revision 3.5

Data File: /chem/HP10623.i/07aug27.b/ch0875.d
Injection date and time: 28-AUG-2007 00:51

Instrument ID: HP10623.i
Analyst ID: lmh00956

Method used: /chem/HP10623.i/07aug27.b/m8270.m
Calibration date and time: 28-AUG-2007 19:17

Sublist used: WTC8

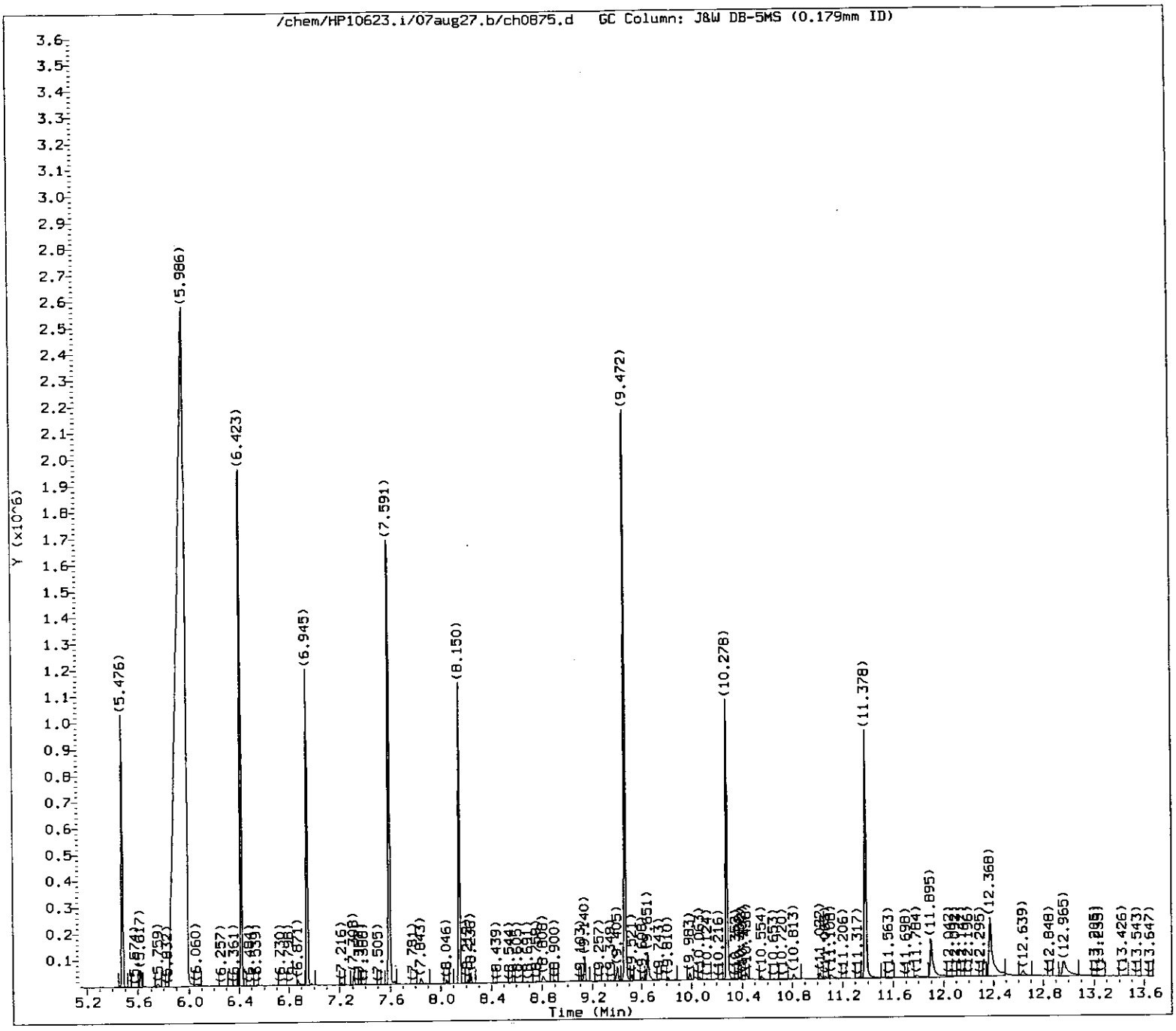
Date, time and analyst ID of latest file update: 28-Aug-2007 19:33 lmh00956

Sample Name: DB-8A

Lab Sample ID: 5136503

8485

LMH 08/08/07



Quant Report

Target Revision 3.5

Data File: /chem/HP10623.i/07aug27.b/ch0875.d Instrument ID: HP10623.i
Injection date and time: 28-AUG-2007 00:51 Analyst ID: lmh00956

Method used: /chem/HP10623.i/07aug27.b/m8270.m Sublist used: WTC8
Calibration date and time: 28-AUG-2007 19:17
Date, time and analyst ID of latest file update: 28-Aug-2007 19:33 lmh00956

Sample Name: DB-8A Lab Sample ID: 5136503

0486

LMH 8/28/07

Quant Report

Target Revision 3.5

Data File: /chem/HP10623.i/07aug27.b/ch0875.d Instrument ID: HP10623.i
Injection date and time: 28-AUG-2007 00:51 Analyst ID: lmh00956

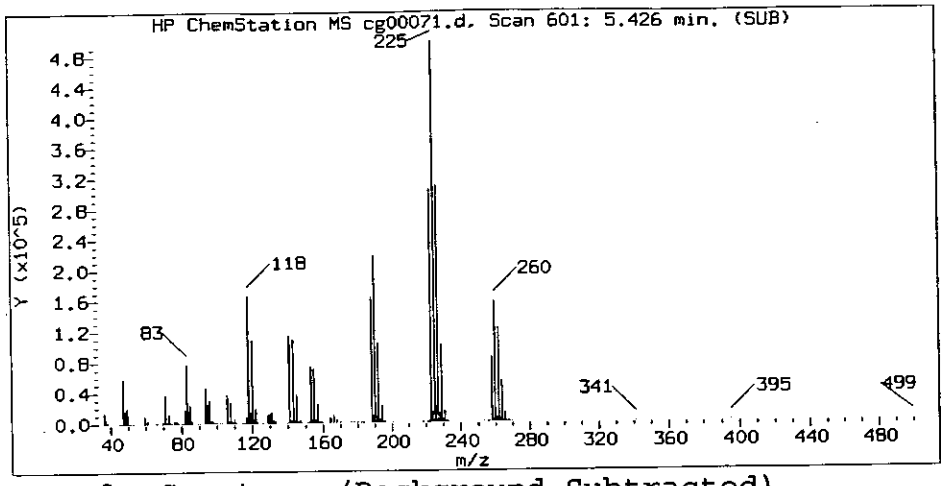
Method used: /chem/HP10623.i/07aug27.b/m8270.m Sublist used: WTC8
Calibration date and time: 28-AUG-2007 19:17
Date, time and analyst ID of latest file update: 28-Aug-2007 19:33 lmh00956

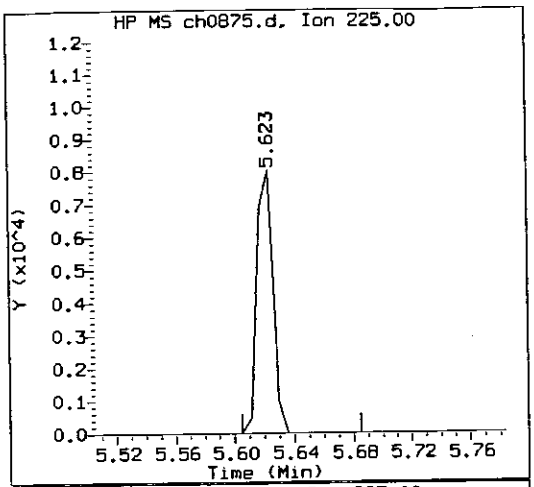
Sample Name: DB-8A Lab Sample ID: 5136503

	Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
21)	1,4-Dichlorobenzene-d4	(1)	4.320	152	73743	40.0000
46)	Naphthalene-d8	(2)	5.476	136	330390	40.0000
51)	Hexachlorobutadiene	(2)	5.623	225	6041	4.9152
82)	Acenaphthene-d10	(3)	6.945	164	199955	40.0000
120)	Phenanthrene-d10	(4)	8.150	188	367852	40.0000
149)	Chrysene-d12	(5)	10.278	240	325009	40.0000
161)	Perylene-d12	(6)	11.378	264	284589	40.0000
9)	2-Fluorophenol	(1)	3.059	112	351520	135.5878
14)	Phenol-d6	(1)	4.049	99	220471	64.7718
35)	Nitrobenzene-d5	(2)	4.855	82	271484	94.5504
66)	2-Fluorobiphenyl	(3)	6.423	172	564837	91.0774
104)	2,4,6-Tribromophenol	(3)	7.597	330	221314	189.1734
138)	Terphenyl-d14	(5)	9.472	244	645100	88.0538

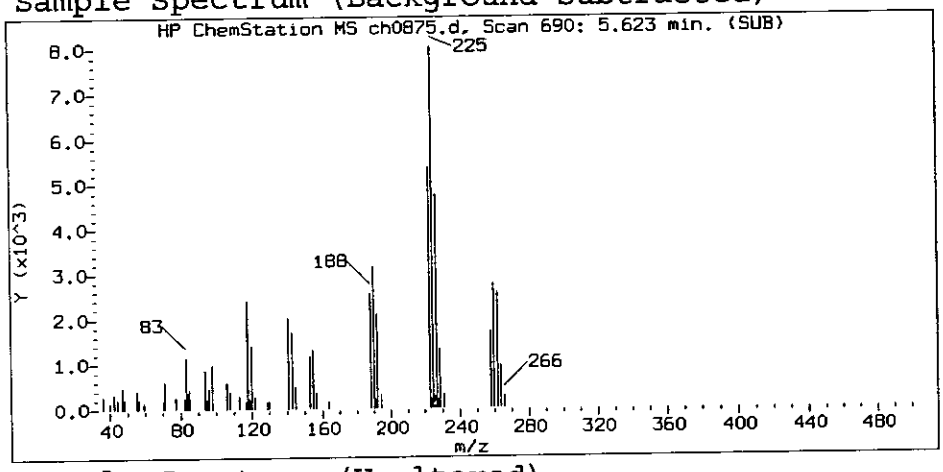
M = Compound was manually integrated. A = User selected an alternate hit

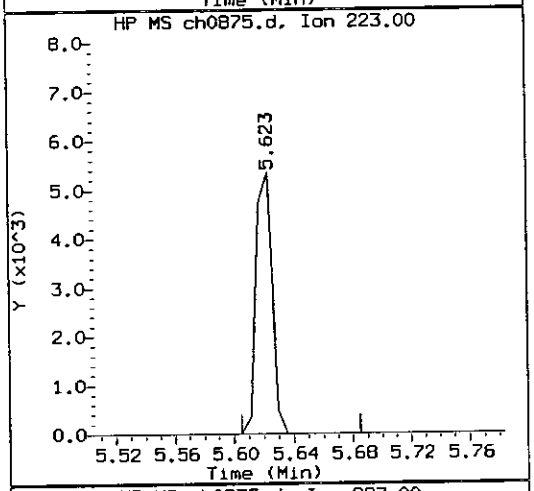
Reference Standard Spectrum for Hexachlorobutadiene



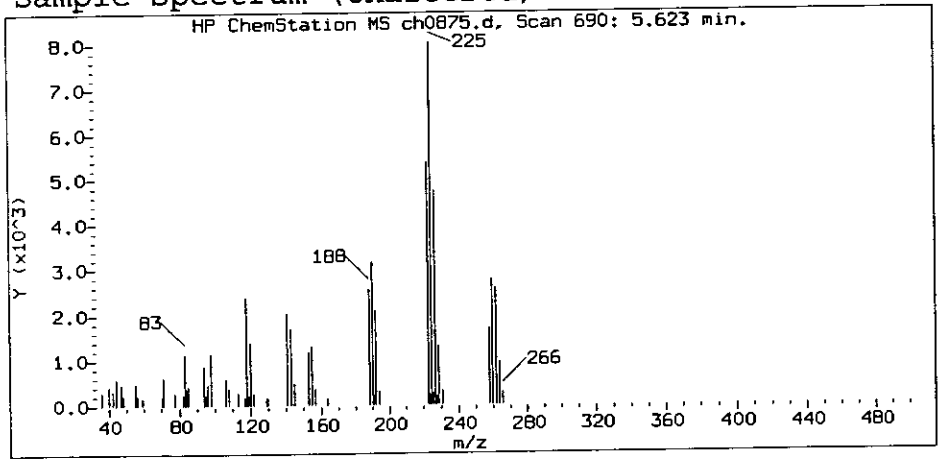


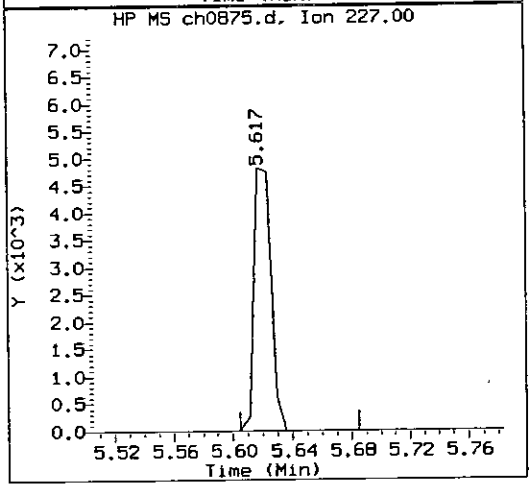
Sample Spectrum (Background Subtracted)





Sample Spectrum (Unaltered)





Data File: /chem/HP10623.i/07aug27.b/ch0875.d
Injection date and time: 28-AUG-2007 00:51

Instrument ID: HP10623.i
Analyst ID: lmh00956

Method used: /chem/HP10623.i/07aug27.b/m8270.m
Calibration date and time: 28-AUG-2007 19:17

Sublist used: WTC8

Date, time and analyst ID of latest file update: 28-Aug-2007 19:27 lmh00956

Sample Name: DB-8A

Lab Sample ID: 5136503

Compound Number	: 51
Compound Name	: Hexachlorobutadiene
Scan Number	: 690
Retention Time (minutes)	: 5.623
Quant Ion	: 225.0
Area (flag)	: 6041
Concentration (ng/ul)	: 4.9152

0488

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

OS--1

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 5136504

Sample wt/vol: 979 (g/mL)ML Lab File ID: ch0876.d

Level: (low/med) LOW Date Received: 08/23/07

% Moisture: not dec: dec: Date Extracted: 08/24/07

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/28/07

Injection Volume: 1 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Extraction: Sepf

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	LOQ	UG/L	Q
108-95-2	Phenol			5	U
111-44-4	bis(2-Chloroethyl)ether			5	U
95-57-8	2-Chlorophenol			5	U
541-73-1	1,3-Dichlorobenzene			5	U
106-46-7	1,4-Dichlorobenzene			5	U
95-50-1	1,2-Dichlorobenzene			5	U
95-48-7	2-Methylphenol			5	U
108-60-1	2,2'-oxybis(1-Chloropropane)			5	U
621-64-7	N-Nitroso-di-n-propylamine			5	U
106-44-5	4-Methylphenol			5	U
67-72-1	Hexachloroethane			5	U
98-95-3	Nitrobenzene			5	U
78-59-1	Isophorone			5	U
88-75-5	2-Nitrophenol			5	U
105-67-9	2,4-Dimethylphenol			10	U
111-91-1	bis(2-Chloroethoxy)methane			5	U
120-83-2	2,4-Dichlorophenol			5	U
120-82-1	1,2,4-Trichlorobenzene			5	U
91-20-3	Naphthalene			5	U
106-47-8	4-Chloroaniline			5	U
87-68-3	Hexachlorobutadiene			5	U
59-50-7	4-Chloro-3-methylphenol			5	U
91-57-6	2-Methylnaphthalene			5	U
77-47-4	Hexachlorocyclopentadiene			15	U
88-06-2	2,4,6-Trichlorophenol			5	U
95-95-4	2,4,5-Trichlorophenol			5	U
91-58-7	2-Chloronaphthalene			5	U
88-74-4	2-Nitroaniline			5	U
131-11-3	Dimethylphthalate			5	U
606-20-2	2,6-Dinitrotoluene			5	U

6409

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

OS--1

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 5136504

Sample wt/vol: 979 (g/mL)ML Lab File ID: ch0876.d

Level: (low/med) LOW Date Received: 08/23/07

% Moisture: not dec: dec: Date Extracted: 08/24/07

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/28/07

Injection Volume: 1 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Extraction: Sepf

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	LOQ	UG/L	Q
208-96-8	Acenaphthylene		5		U
99-09-2	3-Nitroaniline		5		U
83-32-9	Acenaphthene		5		U
51-28-5	2,4-Dinitrophenol		61		U
100-02-7	4-Nitrophenol		31		U
132-64-9	Dibenzofuran		5		U
121-14-2	2,4-Dinitrotoluene		5		U
84-66-2	Diethylphthalate		5		U
86-73-7	Fluorene		5		U
7005-72-3	4-Chlorophenyl-phenylether		5		U
100-01-6	4-Nitroaniline		5		U
534-52-1	4,6-Dinitro-2-methylphenol		15		U
86-30-6	N-Nitrosodiphenylamine		5		U
101-55-3	4-Bromophenyl-phenylether		5		U
118-74-1	Hexachlorobenzene		5		U
87-86-5	Pentachlorophenol		15		U
85-01-8	Phenanthrene		5		U
120-12-7	Anthracene		5		U
86-74-8	Carbazole		5		U
84-74-2	Di-n-butylphthalate		5		U
206-44-0	Fluoranthene		5		U
129-00-0	Pyrene		5		U
85-68-7	Butylbenzylphthalate		5		U
91-94-1	3,3'-Dichlorobenzidine		5		U
56-55-3	Benzo(a)anthracene		5		U
218-01-9	Chrysene		5		U
117-81-7	bis(2-Ethylhexyl)phthalate		5		U
117-84-0	Di-n-octylphthalate		5		U
205-99-2	Benzo(b)fluoranthene		5		U
207-08-9	Benzo(k)fluoranthene		5		U

0410

1C cont

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

OS--1

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 5136504

Sample wt/vol: 979 (g/mL) ML Lab File ID: ch0876.d

Level: (low/med) LOW Date Received: 08/23/07

% Moisture: not dec: dec: Date Extracted: 08/24/07

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/28/07

Injection Volume: 1 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Extraction: Sepf

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	LOQ UG/L	Q
50-32-8	Benzo(a)pyrene		5	U
193-39-5	Indeno(1,2,3-cd)pyrene		5	U
53-70-3	Dibenz(a,h)anthracene		5	U
191-24-2	Benzo(g,h,i)perylene		5	U

6411

OS--1

Lancaster Labs
Quantitation Report GC/MS Semi-Volatiles 5136504

Data file: /chem/HP10623.i/07aug27.b/ch0876.d Blank Data file reference:**/chem/HP10623.i/07aug24a.b/ch0824.d**
Injection date and time: 28-AUG-2007 01:12 Instrument ID: HP10623.i Batch: 07236WAB
Date, time and analyst ID of latest file update: 29-Aug-2007 20:00 lmh00956

Method used: /chem/HP10623.i/07aug27.b/m8270.m Sublist used: **WTC8**
Calibration date and time (Last Method Edit): 28-AUG-2007 19:17
Mid Level Daily Calibration Standard Reference: /chem/HP10623.i/07aug27.b/ch0861.d

Sample Concentration Formula: On-Column Amount * DF * Uf * Vt/(Vo * Vi) Matrix: WATER GPC Cleanup: No

Dilution Factor (DF): 1 Unit Correction Factor (Uf): 1 Volume Injected (Vi): 1 ul
GPC Cleanup Factor (gpcf): 1 Sample Volume (Vo): 979.0 ml Final Extract Volume (Vt): 1000 ul

Internal Standards	RT (+/-RT)	Scan	QIon	Area (+/- %Area)	Conc (ng/ul)	QC Flag
21) 1,4-Dichlorobenzene-d4	4.320(0.006)	478	152.0	68932(-15)	40.00	
46) Naphthalene-d8	5.476(0.006)	666	136.0	305683(-13)	40.00	
82) Acenaphthene-d10	6.945(0.006)	905	164.0	192208(-9)	40.00	
120) Phenanthrene-d10	8.150(0.006)	1101	188.0	347494(-11)	40.00	
149) Chrysene-d12	10.284(0.006)	1448	240.0	326042(-4)	40.00	
161) Perylene-d12	11.378(0.006)	1626	264.0	284708(-12)	40.00	

= RETENTION TIME OUT OF RANGE * = INTERNAL STANDARD OUT OF RANGE NC = NOT ABLE TO CALCULATE

Surrogate Standards	I.S. Ref.	RT (+/-RRT)	QIon	Area	Conc. (on column)	%Rec.	QC flags	QC Limits
9) 2-Fluorophenol	(1)	3.059(-0.001)	112	294241	121.415	61%		10 - 103
14) Phenol-d6	(1)	4.043(0.002)	99	275847	86.697	43%		10 - 82
35) Nitrobenzene-d5	(2)	4.854(0.000)	82	245637	92.463	92%		51 - 123
66) 2-Fluorobiphenyl	(3)	6.416(0.000)	172	532787	89.372	89%		63 - 118
104) 2,4,6-Tribromophenol	(3)	7.597(-0.001)	330	209534	186.323	93%		20 - 159
138) Terphenyl-d14	(5)	9.472(-0.001)	244	592321	80.594	81%		52 - 151

= RELATIVE RETENTION TIME OUT OF RANGE * = PERCENT REC.OUT OF RANGE D = DILUTED OUT NC = NOT ABLE TO CALCULATE

Target Compounds	I.S. Ref.	RT (+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit (ng/ul)
15) Phenol	(1)				ND	ND			1.00
18) bis(2-Chloroethyl)ether	(1)				ND	ND			1.00
19) 2-Chlorophenol	(1)				ND	ND			1.00
20) 1,3-Dichlorobenzene	(1)				ND	ND			1.00
22) 1,4-Dichlorobenzene	(1)				ND	ND			1.00
24) 1,2-Dichlorobenzene	(1)				ND	ND			1.00
25) 2-Methylphenol	(1)				ND	ND			1.00
26) 2,2'-oxybis(1-Chloropropane)	(1)				ND	ND			1.00
30) N-Nitroso-di-n-propylamine	(1)				ND	ND			1.00
31) 4-Methylphenol	(1)				ND	ND			2.00
34) Hexachloroethane	(1)				ND	ND			1.00
36) Nitrobenzene	(2)			Below MDL,	Do not report				1.00
38) Isophorone	(2)				ND	ND			1.00
39) 2-Nitrophenol	(2)				ND	ND			1.00
40) 2,4-Dimethylphenol	(2)			Below MDL,	Do not report				3.00
42) bis(2-Chloroethoxy)methane	(2)				ND	ND			1.00
44) 2,4-Dichlorophenol	(2)				ND	ND			1.00
45) 1,2,4-Trichlorobenzene	(2)				ND	ND			1.00
47) Naphthalene	(2)				ND	ND			1.00
48) 4-Chloroaniline	(2)				ND	ND			1.00
51) Hexachlorobutadiene	(2)				ND	ND			1.00
55) 4-Chloro-3-methylphenol	(2)				ND	ND			1.00

0412

OS--1

Lancaster Labs
Quantitation Report GC/MS Semi-Volatiles

5136504

Data file: /chem/HP10623.i/07aug27.b/ch0876.d Blank Data file reference:**/chem/HP10623.i/07aug24a.b/ch0824.d**
Injection date and time: 28-AUG-2007 01:12 Instrument ID: HP10623.i Batch: 07236WAB
Date, time and analyst ID of latest file update: 29-Aug-2007 20:00 lmh00956

Method used: /chem/HP10623.i/07aug27.b/m8270.m Sublist used: **WTC8**
Calibration date and time (Last Method Edit): 28-AUG-2007 19:17
Mid Level Daily Calibration Standard Reference: /chem/HP10623.i/07aug27.b/ch0861.d

Sample Concentration Formula: On-Column Amount * DF * Uf * Vt/(Vo * Vi) Matrix: WATER GPC Cleanup: No

Dilution Factor (DF): 1 Unit Correction Factor (Uf): 1 Volume Injected (Vi): 1 ul
GPC Cleanup Factor (gpcf): 1 Sample Volume (Vo): 979.0 ml Final Extract Volume (Vt): 1000 ul

Target Compounds	I.S. Ref.	RT	(+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit (ng/ul)
58) 2-Methylnaphthalene	(2)					ND	ND			1.00
61) Hexachlorocyclopentadiene	(3)					ND	ND			5.00
64) 2,4,6-Trichlorophenol	(3)					ND	ND			1.00
65) 2,4,5-Trichlorophenol	(3)					ND	ND			1.00
71) 2-Chloronaphthalene	(3)					ND	ND			2.00
74) 2-Nitroaniline	(3)					Below MDL, Do not report				1.00
77) Dimethylphthalate	(3)					ND	ND			2.00
79) 2,6-Dinitrotoluene	(3)					ND	ND			1.00
80) Acenaphthylene	(3)					ND	ND			1.00
81) 3-Nitroaniline	(3)					ND	ND			1.00
83) Acenaphthene	(3)					ND	ND			1.00
84) 2,4-Dinitrophenol	(3)					ND	ND			20.00
86) 4-Nitrophenol	(3)					Below MDL, Do not report				10.00
87) Dibenzofuran	(3)					ND	ND			1.00
88) 2,4-Dinitrotoluene	(3)					ND	ND			1.00
93) Diethylphthalate	(3)					Below MDL, Do not report				2.00
94) Fluorene	(3)					ND	ND			1.00
96) 4-Chlorophenyl-phenylether	(3)					ND	ND			2.00
98) 4-Nitroaniline	(3)					ND	ND			1.00
99) 4,6-Dinitro-2-methylphenol	(4)					Below MDL, Do not report				5.00
102) N-Nitrosodiphenylamine	(4)					Below MDL, Do not report				2.00
110) 4-Bromophenyl-phenylether	(4)					ND	ND			1.00
112) Hexachlorobenzene	(4)					ND	ND			1.00
116) Pentachlorophenol	(4)					ND	ND			3.00
121) Phenanthrene	(4)					ND	ND			1.00
124) Anthracene	(4)					ND	ND			1.00
125) Carbazole	(4)					ND	ND			1.00
128) Di-n-butylphthalate	(4)					Below MDL, Do not report				2.00
134) Fluoranthene	(4)					ND	ND			1.00
136) Pyrene	(5)					Below MDL, Do not report				1.00
143) Butylbenzylphthalate	(5)					ND	ND			2.00
145) 3,3'-Dichlorobenzidine	(5)					ND	ND			2.00
146) Benzo(a)anthracene	(5)					Below MDL, Do not report				1.00
150) Chrysene	(5)					Below MDL, Do not report				1.00
151) bis(2-Ethylhexyl)phthalate	(5)					Below MDL, Do not report				2.00
156) Di-n-octylphthalate	(6)					Below MDL, Do not report				2.00
158) Benzo(b)fluoranthene	(6)					Below MDL, Do not report				1.00
159) Benzo(k)fluoranthene	(6)					Below MDL, Do not report				1.00
160) Benzo(a)pyrene	(6)					Below MDL, Do not report				1.00
168) Indeno(1,2,3-cd)pyrene	(6)					ND	ND			1.00
169) Dibenz(a,h)anthracene	(6)					ND	ND			1.00

OS--1

Lancaster Labs
Quantitation Report GC/MS Semi-Volatiles 5136504

Data file: /chem/HP10623.i/07aug27.b/ch0876.d Blank Data file reference:**/chem/HP10623.i/07aug24a.b/ch0824.d**
Injection date and time: 28-AUG-2007 01:12 Instrument ID: HP10623.i Batch: 07236WAB
Date, time and analyst ID of latest file update: 29-Aug-2007 20:00 lmh00956

Method used: /chem/HP10623.i/07aug27.b/m8270.m Sublist used: **WTC8**
Calibration date and time (Last Method Edit): 28-AUG-2007 19:17
Mid Level Daily Calibration Standard Reference: /chem/HP10623.i/07aug27.b/ch0861.d

Sample Concentration Formula: On-Column Amount * DF * Uf * Vt/(Vo * Vi) Matrix: WATER GPC Cleanup: No

Dilution Factor (DF): 1 Unit Correction Factor (Uf): 1 Volume Injected (Vi): 1 ul
GPC Cleanup Factor (gpcf): 1 Sample Volume (Vo): 979.0 ml Final Extract Volume (Vt): 1000 ul

Target Compounds	I.S. Ref.	RT	(+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit (ng/ul)
170) Benzo(g,h,i)perylene	(6)					ND	ND			1.00

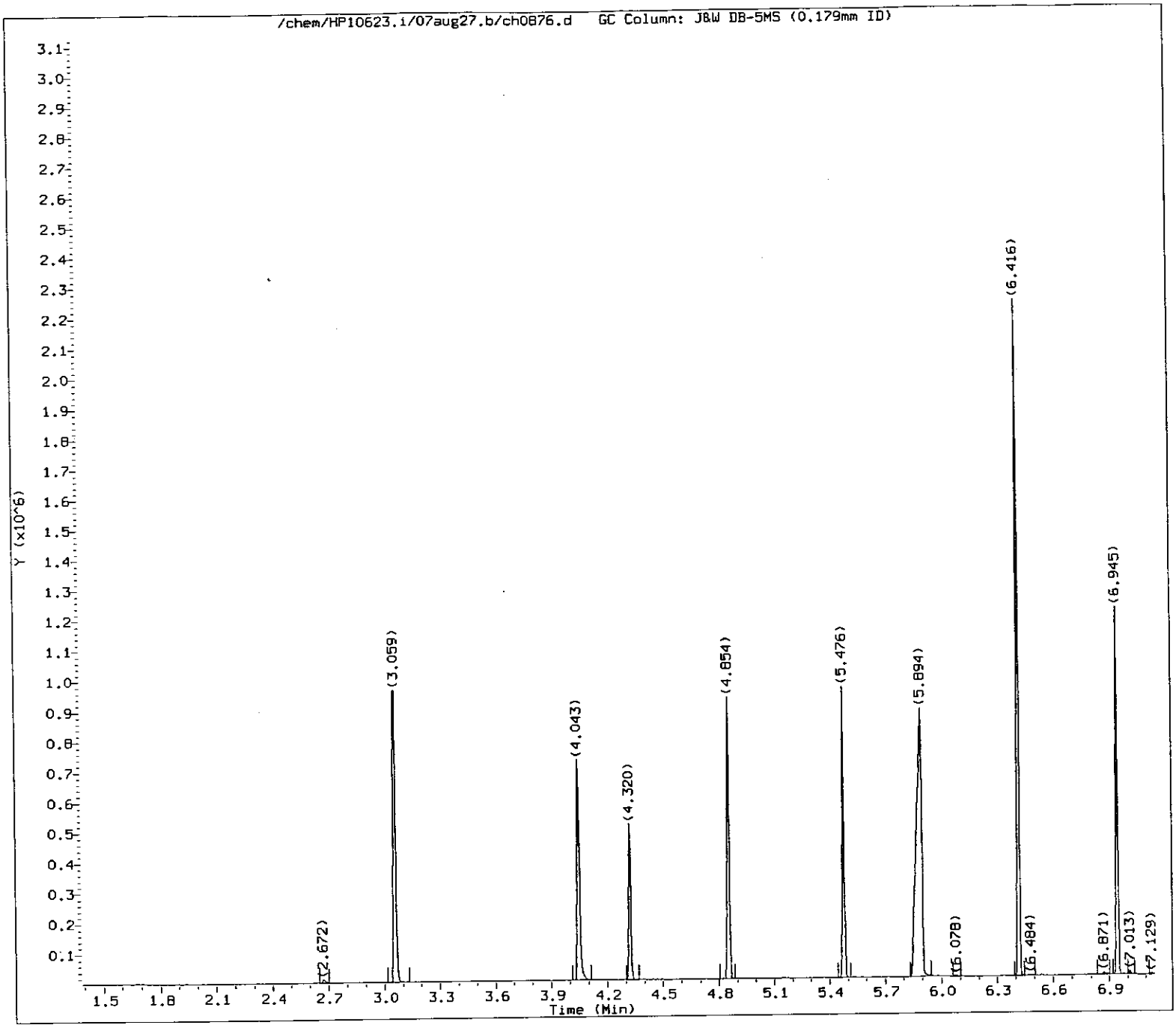
E = CONC. OUT OF CAL. RANGE # = RELATIVE RETENTION TIME OUT OF RANGE

Total number of targets = 64

Comments:

Analyst: Michelle Stuckey 1958 Date: 08/29/07
Auditor: Michelle Smith Date: 8/31/07

0414



Quant Report

Target Revision 3.5

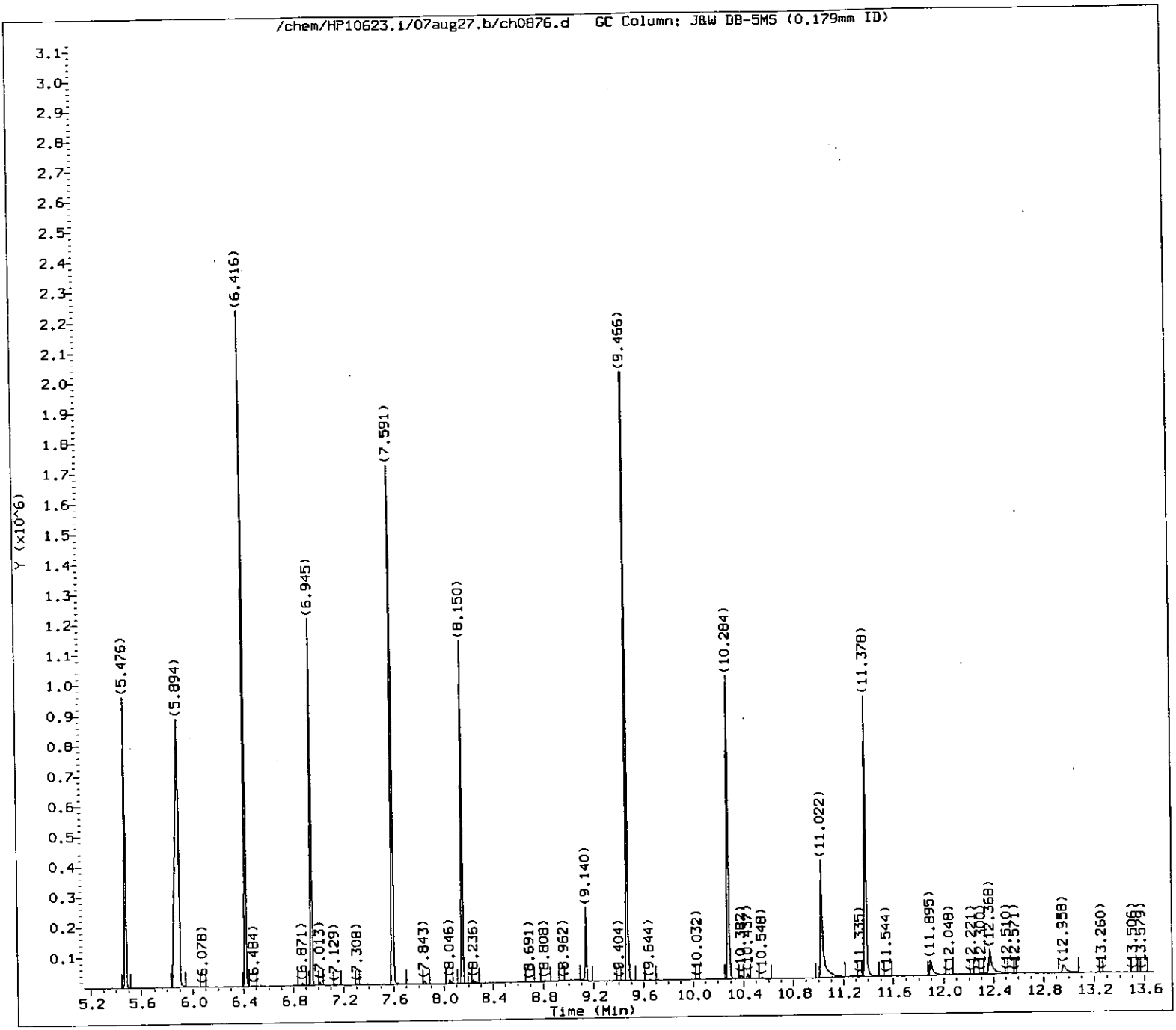
Data File: /chem/HP10623.i/07aug27.b/ch0876.d Instrument ID: HP10623.i
Injection date and time: 28-AUG-2007 01:12 Analyst ID: lmh00956

Method used: /chem/HP10623.i/07aug27.b/m8270.m Sublist used: WTC8
Calibration date and time: 28-AUG-2007 19:17
Date, time and analyst ID of latest file update: 28-Aug-2007 19:34 lmh00956

Sample Name: OS--1 Lab Sample ID: 5136504

0415

lmh 08/28/07



Quant Report

Target Revision 3.5

Data File: /chem/HP10623.i/07aug27.b/ch0876.d
Injection date and time: 28-AUG-2007 01:12

Instrument ID: HP10623.i
Analyst ID: lmh00956

Method used: /chem/HP10623.i/07aug27.b/m8270.m
Calibration date and time: 28-AUG-2007 19:17

Sublist used: WTC8

Date, time and analyst ID of latest file update: 28-Aug-2007 19:34 lmh00956

Sample Name: OS--1

Lab Sample ID: 5136504

8416

LMH 08/28/07

Quant Report

Target Revision 3.5

Data File: /chem/HP10623.i/07aug27.b/ch0876.d Instrument ID: HP10623.i
Injection date and time: 28-AUG-2007 01:12 Analyst ID: lmh00956

Method used: /chem/HP10623.i/07aug27.b/m8270.m Sublist used: WTC8
Calibration date and time: 28-AUG-2007 19:17
Date, time and analyst ID of latest file update: 28-Aug-2007 19:34 lmh00956

Sample Name: OS--1 Lab Sample ID: 5136504

	Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
21)	1,4-Dichlorobenzene-d4	(1)	4.320	152	68932	40.0000
46)	Naphthalene-d8	(2)	5.476	136	305683	40.0000
82)	Acenaphthene-d10	(3)	6.945	164	192208	40.0000
120)	Phenanthrene-d10	(4)	8.150	188	347494	40.0000
149)	Chrysene-d12	(5)	10.284	240	326042	40.0000
161)	Perylene-d12	(6)	11.378	264	284708	40.0000
9)	2-Fluorophenol	(1)	3.059	112	294241	121.4154
14)	Phenol-d6	(1)	4.043	99	275847	86.6967
35)	Nitrobenzene-d5	(2)	4.854	82	245637	92.4631
66)	2-Fluorobiphenyl	(3)	6.416	172	532787	89.3721
104)	2,4,6-Tribromophenol	(3)	7.597	330	209534	186.3230
138)	Terphenyl-d14	(5)	9.472	244	592321	80.5935

M = Compound was manually integrated. A = User selected an alternate hit

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

OS--3

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 5136505

Sample wt/vol: 987 (g/mL)ML Lab File ID: ch0845.d

Level: (low/med) LOW Date Received: 08/23/07

% Moisture: not dec: dec: Date Extracted: 08/24/07

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/25/07

Injection Volume: 1 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Extraction: Sepf

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	LOQ	UG/L	Q
108-95-2	Phenol			5	U
111-44-4	bis(2-Chloroethyl)ether			5	U
95-57-8	2-Chlorophenol			5	U
541-73-1	1,3-Dichlorobenzene			5	U
106-46-7	1,4-Dichlorobenzene			5	U
95-50-1	1,2-Dichlorobenzene			5	U
95-48-7	2-Methylphenol			5	U
108-60-1	2,2'-oxybis(1-Chloropropane)			5	U
621-64-7	N-Nitroso-di-n-propylamine			5	U
106-44-5	4-Methylphenol			5	U
67-72-1	Hexachloroethane			5	U
98-95-3	Nitrobenzene			5	U
78-59-1	Isophorone			5	U
88-75-5	2-Nitrophenol			5	U
105-67-9	2,4-Dimethylphenol			10	U
111-91-1	bis(2-Chloroethoxy)methane			5	U
120-83-2	2,4-Dichlorophenol			5	U
120-82-1	1,2,4-Trichlorobenzene			5	U
91-20-3	Naphthalene			5	U
106-47-8	4-Chloroaniline			5	U
87-68-3	Hexachlorobutadiene			5	U
59-50-7	4-Chloro-3-methylphenol			5	U
91-57-6	2-Methylnaphthalene			5	U
77-47-4	Hexachlorocyclopentadiene			15	U
88-06-2	2,4,6-Trichlorophenol			5	U
95-95-4	2,4,5-Trichlorophenol			5	U
91-58-7	2-Chloronaphthalene			5	U
88-74-4	2-Nitroaniline			5	U
131-11-3	Dimethylphthalate			5	U
606-20-2	2,6-Dinitrotoluene			5	U

0418

1C

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

OS--3

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 5136505

Sample wt/vol: 987 (g/mL)ML Lab File ID: ch0845.d

Level: (low/med) LOW Date Received: 08/23/07

% Moisture: not dec: dec: Date Extracted: 08/24/07

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/25/07

Injection Volume: 1 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Extraction: Sepf

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	LOQ	UG/L	Q
208-96-8	Acenaphthylene			5	U
99-09-2	3-Nitroaniline			5	U
83-32-9	Acenaphthene			5	U
51-28-5	2,4-Dinitrophenol			61	U
100-02-7	4-Nitrophenol			30	U
132-64-9	Dibenzofuran			5	U
121-14-2	2,4-Dinitrotoluene			5	U
84-66-2	Diethylphthalate			5	U
86-73-7	Fluorene			5	U
7005-72-3	4-Chlorophenyl-phenylether			5	U
100-01-6	4-Nitroaniline			5	U
534-52-1	4,6-Dinitro-2-methylphenol			15	U
86-30-6	N-Nitrosodiphenylamine			5	U
101-55-3	4-Bromophenyl-phenylether			5	U
118-74-1	Hexachlorobenzene			5	U
87-86-5	Pentachlorophenol			15	U
85-01-8	Phenanthrene			5	U
120-12-7	Anthracene			5	U
86-74-8	Carbazole			5	U
84-74-2	Di-n-butylphthalate			5	U
206-44-0	Fluoranthene			5	U
129-00-0	Pyrene			5	U
85-68-7	Butylbenzylphthalate			5	U
91-94-1	3,3'-Dichlorobenzidine			5	U
56-55-3	Benzo(a)anthracene			5	U
218-01-9	Chrysene			5	U
117-81-7	bis(2-Ethylhexyl)phthalate			5	U
117-84-0	Di-n-octylphthalate			5	U
205-99-2	Benzo(b)fluoranthene			5	U
207-08-9	Benzo(k)fluoranthene			5	U

8419

1C cont

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

OS--3

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 5136505

Sample wt/vol: 987 (g/mL)ML Lab File ID: ch0845.d

Level: (low/med) LOW Date Received: 08/23/07

% Moisture: not dec: dec: Date Extracted: 08/24/07

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/25/07

Injection Volume: 1 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Extraction: Sepf

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	LOQ	UG/L	Q
50-32-8	Benzo(a)pyrene		5	U	
193-39-5	Indeno(1,2,3-cd)pyrene		5	U	
53-70-3	Dibenz(a,h)anthracene		5	U	
191-24-2	Benzo(g,h,i)perylene		5	U	

0420

OS--3

Lancaster Labs
Quantitation Report GC/MS Semi-Volatiles 5136505

Data file: /chem/HP10623.i/07aug24a.b/ch0845.d Blank Data file reference:/chem/HP10623.i/07aug24a.b/ch0824.d
Injection date and time: 25-AUG-2007 04:16 Instrument ID: HP10623.i Batch: 07236WAB
Date, time and analyst ID of latest file update: 29-Aug-2007 20:02 lmh00956

Method used: /chem/HP10623.i/07aug24a.b/m8270.m Sublist used: WTC8
Calibration date and time (Last Method Edit): 29-AUG-2007 19:47
Mid Level Daily Calibration Standard Reference: /chem/HP10623.i/07aug24a.b/ch0821.d

Sample Concentration Formula: On-Column Amount * DF * Uf * Vt/(Vo * Vi) Matrix: WATER GPC Cleanup: No

Dilution Factor (DF): 1 Unit Correction Factor (Uf): 1 Volume Injected (Vi): 1 ul
GPC Cleanup Factor (gpcf): 1 Sample Volume (Vo): 987.0 ml Final Extract Volume (Vt): 1000 ul

Internal Standards	RT (+/-RT)	Scan	QIon	Area(+/- %Area)	Conc (ng/ul)	QC Flag
21) 1,4-Dichlorobenzene-d4	4.344(0.006)	482	152.0	64484(11)	40.00	
46) Naphthalene-d8	5.500(0.000)	670	136.0	285293(-2)	40.00	
82) Acenaphthene-d10	6.970(0.000)	909	164.0	182881(-9)	40.00	
120) Phenanthrene-d10	8.169(0.006)	1104	188.0	334549(-16)	40.00	
149) Chrysene-d12	10.309(0.006)	1452	240.0	311981(-21)	40.00	
161) Perylene-d12	11.409(0.006)	1631	264.0	266461(-29)	40.00	

= RETENTION TIME OUT OF RANGE * = INTERNAL STANDARD OUT OF RANGE NC = NOT ABLE TO CALCULATE

Surrogate Standards	I.S. Ref.	RT (+/-RRT)	QIon	Area	Conc. (on column)	%Rec.	QC flags	QC Limits
9) 2-Fluorophenol	(1)	3.078(0.000)	112	272490	120.196	60%		10 - 103
14) Phenol-d6	(1)	4.068(-0.001)	99	253099	85.034	43%		10 - 82
35) Nitrobenzene-d5	(2)	4.873(0.001)	82	224927	90.719	91%		51 - 123
66) 2-Fluorobiphenyl	(3)	6.441(0.000)	172	515628	90.905	91%		63 - 118
104) 2,4,6-Tribromophenol	(3)	7.615(0.001)	330	201219	188.055	94%		20 - 159
138) Terphenyl-d14	(5)	9.491(-0.001)	244	606540	86.248	86%		52 - 151

= RELATIVE RETENTION TIME OUT OF RANGE * = PERCENT REC.OUT OF RANGE D = DILUTED OUT NC = NOT ABLE TO CALCULATE

Target Compounds	I.S. Ref.	RT (+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit (ng/ul)
15) Phenol	(1)				ND	ND			1.00
18) bis(2-Chloroethyl)ether	(1)				ND	ND			1.00
19) 2-Chlorophenol	(1)				ND	ND			1.00
20) 1,3-Dichlorobenzene	(1)				ND	ND			1.00
22) 1,4-Dichlorobenzene	(1)				ND	ND			1.00
24) 1,2-Dichlorobenzene	(1)				ND	ND			1.00
25) 2-Methylphenol	(1)			Below MDL, Do not report					1.00
26) 2,2'-oxybis(1-Chloropropane)	(1)				ND	ND			1.00
30) N-Nitroso-di-n-propylamine	(1)				ND	ND			1.00
31) 4-Methylphenol	(1)				ND	ND			2.00
34) Hexachloroethane	(1)				ND	ND			1.00
36) Nitrobenzene	(2)			Below MDL, Do not report					1.00
38) Isophorone	(2)				ND	ND			1.00
39) 2-Nitrophenol	(2)				ND	ND			1.00
40) 2,4-Dimethylphenol	(2)			Below MDL, Do not report					3.00
42) bis(2-Chloroethoxy)methane	(2)				ND	ND			1.00
44) 2,4-Dichlorophenol	(2)				ND	ND			1.00
45) 1,2,4-Trichlorobenzene	(2)				ND	ND			1.00
47) Naphthalene	(2)				ND	ND			1.00
48) 4-Chloroaniline	(2)				ND	ND			1.00
51) Hexachlorobutadiene	(2)				ND	ND			1.00
55) 4-Chloro-3-methylphenol	(2)				ND	ND			1.00

8421

OS--3

Lancaster Labs
Quantitation Report GC/MS Semi-Volatiles 5136505

Data file: /chem/HP10623.i/07aug24a.b/ch0845.d Blank Data file reference:**/chem/HP10623.i/07aug24a.b/ch0824.d**
Injection date and time: 25-AUG-2007 04:16 Instrument ID: HP10623.i Batch: 07236WAB
Date, time and analyst ID of latest file update: 29-Aug-2007 20:02 lmh00956

Method used: /chem/HP10623.i/07aug24a.b/m8270.m Sublist used: **WTCB**
Calibration date and time (Last Method Edit): 29-AUG-2007 19:47
Mid Level Daily Calibration Standard Reference: /chem/HP10623.i/07aug24a.b/ch0821.d

Sample Concentration Formula: On-Column Amount * DF * Uf * Vt/(Vo * Vi) Matrix: WATER GPC Cleanup: No

Dilution Factor (DF): 1 Unit Correction Factor (Uf): 1 Volume Injected (Vi): 1 ul
GPC Cleanup Factor (gpcf): 1 Sample Volume (Vo): 987.0 ml Final Extract Volume (Vt): 1000 ul

Target Compounds	I.S. Ref.	RT	(+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit (ng/ul)
58) 2-Methylnaphthalene	(2)					ND	ND			1.00
61) Hexachlorocyclopentadiene	(3)					ND	ND			5.00
64) 2,4,6-Trichlorophenol	(3)					ND	ND			1.00
65) 2,4,5-Trichlorophenol	(3)					ND	ND			1.00
71) 2-Chloronaphthalene	(3)					ND	ND			2.00
74) 2-Nitroaniline	(3)					Below MDL, Do not report				1.00
77) Dimethylphthalate	(3)					ND	ND			2.00
79) 2,6-Dinitrotoluene	(3)					ND	ND			1.00
80) Acenaphthylene	(3)					ND	ND			1.00
81) 3-Nitroaniline	(3)					ND	ND			1.00
83) Acenaphthene	(3)					ND	ND			1.00
84) 2,4-Dinitrophenol	(3)					ND	ND			20.00
86) 4-Nitrophenol	(3)					Below MDL, Do not report				10.00
87) Dibenzofuran	(3)					ND	ND			1.00
88) 2,4-Dinitrotoluene	(3)					ND	ND			1.00
93) Diethylphthalate	(3)					Below MDL, Do not report				2.00
94) Fluorene	(3)					ND	ND			1.00
96) 4-Chlorophenyl-phenylether	(3)					ND	ND			2.00
98) 4-Nitroaniline	(3)					ND	ND			1.00
99) 4,6-Dinitro-2-methylphenol	(4)					Below MDL, Do not report				5.00
102) N-Nitrosodiphenylamine	(4)					Below MDL, Do not report				2.00
110) 4-Bromophenyl-phenylether	(4)					ND	ND			1.00
112) Hexachlorobenzene	(4)					ND	ND			1.00
116) Pentachlorophenol	(4)					ND	ND			3.00
121) Phenanthrene	(4)					Below MDL, Do not report				1.00
124) Anthracene	(4)					Below MDL, Do not report				1.00
125) Carbazole	(4)					ND	ND			1.00
128) Di-n-butylphthalate	(4)					Below MDL, Do not report				2.00
134) Fluoranthene	(4)					Below MDL, Do not report				1.00
136) Pyrene	(5)					Below MDL, Do not report				1.00
143) Butylbenzylphthalate	(5)					Below MDL, Do not report				2.00
145) 3,3'-Dichlorobenzidine	(5)					ND	ND			2.00
146) Benzo(a)anthracene	(5)					Below MDL, Do not report				1.00
150) Chrysene	(5)					Below MDL, Do not report				1.00
151) bis(2-Ethylhexyl)phthalate	(5)					Below MDL, Do not report				2.00
156) Di-n-octylphthalate	(6)					ND	ND			2.00
158) Benzo(b)fluoranthene	(6)					Below MDL, Do not report				1.00
159) Benzo(k)fluoranthene	(6)					Below MDL, Do not report				1.00
160) Benzo(a)pyrene	(6)					Below MDL, Do not report				1.00
168) Indeno(1,2,3-cd)pyrene	(6)					ND	ND			1.00
169) Dibenz(a,h)anthracene	(6)					ND	ND			1.00

8422

OS--3

Lancaster Labs
Quantitation Report GC/MS Semi-Volatiles 5136505

Data file: /chem/HP10623.i/07aug24a.b/ch0845.d Blank Data file reference:**/chem/HP10623.i/07aug24a.b/ch0824.d**
Injection date and time: 25-AUG-2007 04:16 Instrument ID: HP10623.i Batch: 07236WAB
Date, time and analyst ID of latest file update: 29-Aug-2007 20:02 lmh00956

Method used: /chem/HP10623.i/07aug24a.b/m8270.m Sublist used: **WTC8**
Calibration date and time (Last Method Edit): 29-AUG-2007 19:47
Mid Level Daily Calibration Standard Reference: /chem/HP10623.i/07aug24a.b/ch0821.d

Sample Concentration Formula: On-Column Amount * DF * Uf * Vt/(Vo * Vi) Matrix: WATER GPC Cleanup: No

Dilution Factor (DF): 1 Unit Correction Factor (Uf): 1 Volume Injected (Vi): 1 ul
GPC Cleanup Factor (gpcf): 1 Sample Volume (Vo): 987.0 ml Final Extract Volume (Vt): 1000 ul

Target Compounds	I.S. Ref.	RT	(+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit (ng/ul)
170) Benzo(g,h,i)perylene	(6)					ND	ND			1.00

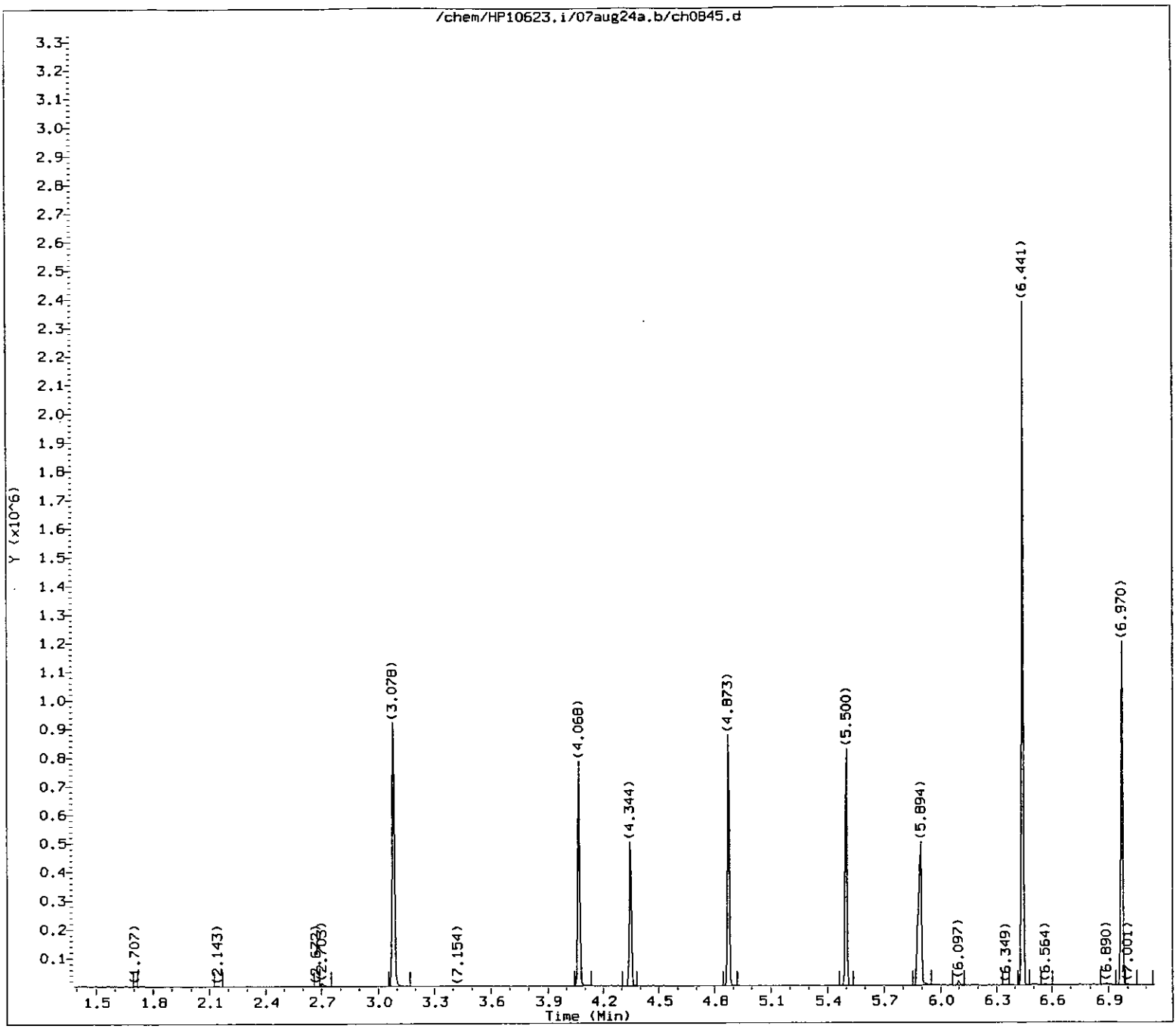
E = CONC. OUT OF CAL. RANGE # = RELATIVE RETENTION TIME OUT OF RANGE

Total number of targets = 64

Comments:

Analyst: Michelle Smith Date: 08/29/07
Auditor: Date: 8/31/07

0423



Quant Report

Target Revision 3.5

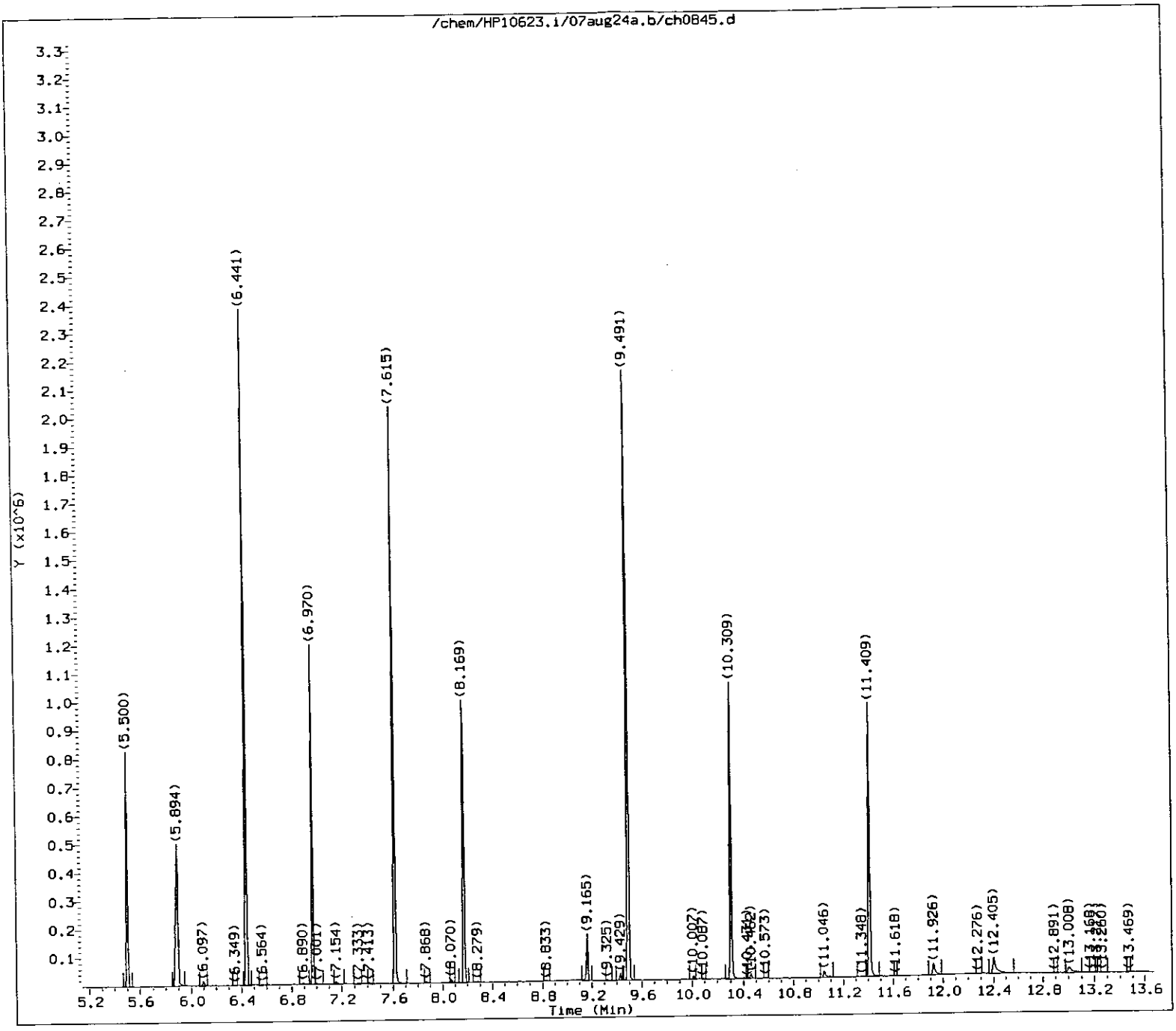
Data File: /chem/HP10623.i/07aug24a.b/ch0845.d Instrument ID: HP10623.i
Injection date and time: 25-AUG-2007 04:16 Analyst ID: lmh00956

Method used: /chem/HP10623.i/07aug24a.b/m8270.m Sublist used: WTC8
Calibration date and time: 27-AUG-2007 19:42
Date, time and analyst ID of latest file update: 27-Aug-2007 22:58 lmh00956

Sample Name: OS--3 Lab Sample ID: 5136505

8424

lmh 08/07/07



Quant Report

Target Revision 3.5

Data File: /chem/HP10623.i/07aug24a.b/ch0845.d
Injection date and time: 25-AUG-2007 04:16

Instrument ID: HP10623.i
Analyst ID: lmh00956

Method used: /chem/HP10623.i/07aug24a.b/m8270.m
Calibration date and time: 27-AUG-2007 19:42

Sublist used: WTC8

Date, time and analyst ID of latest file update: 27-Aug-2007 22:58 lmh00956

Sample Name: OS--3

Lab Sample ID: 5136505

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MH 8/30/07

Quant Report

Target Revision 3.5

Data File: /chem/HP10623.i/07aug24a.b/ch0845.d Instrument ID: HP10623.i
Injection date and time: 25-AUG-2007 04:16 Analyst ID: lmh00956

Method used: /chem/HP10623.i/07aug24a.b/m8270.m Sublist used: WTC8
Calibration date and time: 27-AUG-2007 19:42
Date, time and analyst ID of latest file update: 27-Aug-2007 22:58 lmh00956

Sample Name: OS--3 Lab Sample ID: 5136505

	Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
21)	1,4-Dichlorobenzene-d4	(1)	4.344	152	64484	40.0000
46)	Naphthalene-d8	(2)	5.500	136	285293	40.0000
82)	Acenaphthene-d10	(3)	6.970	164	182881	40.0000
120)	Phenanthrene-d10	(4)	8.169	188	334549	40.0000
149)	Chrysene-d12	(5)	10.309	240	311981	40.0000
161)	Perylene-d12	(6)	11.409	264	266461	40.0000
9)	2-Fluorophenol	(1)	3.078	112	272490	120.1960
14)	Phenol-d6	(1)	4.068	99	253099	85.0342
35)	Nitrobenzene-d5	(2)	4.873	82	224927	90.7186
66)	2-Fluorobiphenyl	(3)	6.441	172	515628	90.9049
104)	2,4,6-Tribromophenol	(3)	7.615	330	201219	188.0545
138)	Terphenyl-d14	(5)	9.491	244	606540	86.2478

M = Compound was manually integrated. A = User selected an alternate hit

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

OR--3

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 5136509

Sample wt/vol: 998 (g/mL) ML Lab File ID: ch0877.d

Level: (low/med) LOW Date Received: 08/23/07

% Moisture: not dec: dec: Date Extracted: 08/24/07

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/28/07

Injection Volume: 1 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Extraction: Sepf

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	LOQ	UG/L	Q
108-95-2	Phenol			5	U
111-44-4	bis(2-Chloroethyl)ether			5	U
95-57-8	2-Chlorophenol			5	U
541-73-1	1,3-Dichlorobenzene			5	U
106-46-7	1,4-Dichlorobenzene			5	U
95-50-1	1,2-Dichlorobenzene			5	U
95-48-7	2-Methylphenol			5	U
108-60-1	2,2'-oxybis(1-Chloropropane)			5	U
621-64-7	N-Nitroso-di-n-propylamine			5	U
106-44-5	4-Methylphenol			5	U
67-72-1	Hexachloroethane			5	U
98-95-3	Nitrobenzene			5	U
78-59-1	Isophorone			5	U
88-75-5	2-Nitrophenol			5	U
105-67-9	2,4-Dimethylphenol			10	U
111-91-1	bis(2-Chloroethoxy)methane			5	U
120-83-2	2,4-Dichlorophenol			5	U
120-82-1	1,2,4-Trichlorobenzene			5	U
91-20-3	Naphthalene			5	U
106-47-8	4-Chloroaniline			5	U
87-68-3	Hexachlorobutadiene			5	U
59-50-7	4-Chloro-3-methylphenol			5	U
91-57-6	2-Methylnaphthalene			5	U
77-47-4	Hexachlorocyclopentadiene			15	U
88-06-2	2,4,6-Trichlorophenol			5	U
95-95-4	2,4,5-Trichlorophenol			5	U
91-58-7	2-Chloronaphthalene			5	U
88-74-4	2-Nitroaniline			5	U
131-11-3	Dimethylphthalate			5	U
606-20-2	2,6-Dinitrotoluene			5	U

8427

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

OR--3

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 5136509

Sample wt/vol: 998 (g/mL) ML Lab File ID: ch0877.d

Level: (low/med) LOW Date Received: 08/23/07

% Moisture: not dec: dec: Date Extracted: 08/24/07

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/28/07

Injection Volume: 1 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Extraction: Sepf

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	LOQ	UG/L	Q
208-96-8	Acenaphthylene		5		U
99-09-2	3-Nitroaniline		5		U
83-32-9	Acenaphthene		5		U
51-28-5	2,4-Dinitrophenol		60		U
100-02-7	4-Nitrophenol		30		U
132-64-9	Dibenzofuran		5		U
121-14-2	2,4-Dinitrotoluene		5		U
84-66-2	Diethylphthalate		5		U
86-73-7	Fluorene		5		U
7005-72-3	4-Chlorophenyl-phenylether		5		U
100-01-6	4-Nitroaniline		5		U
534-52-1	4,6-Dinitro-2-methylphenol		15		U
86-30-6	N-Nitrosodiphenylamine		5		U
101-55-3	4-Bromophenyl-phenylether		5		U
118-74-1	Hexachlorobenzene		5		U
87-86-5	Pentachlorophenol		15		U
85-01-8	Phenanthrene		5		U
120-12-7	Anthracene		5		U
86-74-8	Carbazole		5		U
84-74-2	Di-n-butylphthalate		5		U
206-44-0	Fluoranthene		5		U
129-00-0	Pyrene		5		U
85-68-7	Butylbenzylphthalate		5		U
91-94-1	3,3'-Dichlorobenzidine		5		U
56-55-3	Benzo(a)anthracene		5		U
218-01-9	Chrysene		5		U
117-81-7	bis(2-Ethylhexyl)phthalate		5		U
117-84-0	Di-n-octylphthalate		5		U
205-99-2	Benzo(b)fluoranthene		5		U
207-08-9	Benzo(k)fluoranthene		5		U

8428

1C cont

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

OR--3

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 5136509

Sample wt/vol: 998 (g/mL)ML Lab File ID: ch0877.d

Level: (low/med) LOW Date Received: 08/23/07

% Moisture: not dec: dec: Date Extracted: 08/24/07

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/28/07

Injection Volume: 1 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Extraction: Sepf

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	LOQ UG/L	Q
50-32-8	Benzo(a)pyrene		5	U
193-39-5	Indeno(1,2,3-cd)pyrene		5	U
53-70-3	Dibenz(a,h)anthracene		5	U
191-24-2	Benzo(g,h,i)perylene		5	U

6429

OR--3

Lancaster Labs
Quantitation Report GC/MS Semi-Volatiles 5136509

Data file: /chem/HP10623.i/07aug27.b/ch0877.d Blank Data file reference:/chem/HP10623.i/07aug24a.b/ch0824.d
Injection date and time: 28-AUG-2007 01:33 Instrument ID: HP10623.i Batch: 07236WAB
Date, time and analyst ID of latest file update: 29-Aug-2007 20:00 lmh00956

Method used: /chem/HP10623.i/07aug27.b/m8270.m Sublist used: WTC8
Calibration date and time (Last Method Edit): 28-AUG-2007 19:17
Mid Level Daily Calibration Standard Reference: /chem/HP10623.i/07aug27.b/ch0861.d

Sample Concentration Formula: On-Column Amount * DF * Uf * Vt/(Vo * Vi) Matrix: WATER GPC Cleanup: No

Dilution Factor (DF): 1 Unit Correction Factor (Uf): 1 Volume Injected (Vi): 1 ul
GPC Cleanup Factor (gpcf): 1 Sample Volume (Vo): 998.0 ml Final Extract Volume (Vt): 1000 ul

Internal Standards	RT (+/-RT)	Scan	QIon	Area(+/- %Area)	Conc (ng/ul)	QC Flag
21) 1,4-Dichlorobenzene-d4	4.320(0.006)	478	152.0	69379(-14)	40.00	
46) Naphthalene-d8	5.476(0.006)	666	136.0	306737(-12)	40.00	
82) Acenaphthene-d10	6.945(0.006)	905	164.0	190983(-9)	40.00	
120) Phenanthrene-d10	8.150(0.006)	1101	188.0	335806(-14)	40.00	
149) Chrysene-d12	10.278(0.012)	1447	240.0	301576(-11)	40.00	
161) Perylene-d12	11.378(0.006)	1626	264.0	264411(-19)	40.00	

= RETENTION TIME OUT OF RANGE * = INTERNAL STANDARD OUT OF RANGE NC = NOT ABLE TO CALCULATE

Surrogate Standards	I.S. Ref.	RT (+/-RRT)	QIon	Area	Conc. (on column)	%Rec.	QC flags	QC Limits
9) 2-Fluorophenol	(1)	3.059(-0.001)	112	297924	122.143	61%		10 - 103
14) Phenol-d6	(1)	4.049(0.000)	99	271173	84.679	42%		10 - 82
35) Nitrobenzene-d5	(2)	4.855(0.000)	82	244772	91.821	92%		51 - 123
66) 2-Fluorobiphenyl	(3)	6.416(0.000)	172	519430	87.690	88%		63 - 118
104) 2,4,6-Tribromophenol	(3)	7.597(-0.001)	330	196201	175.586	88%		20 - 159
138) Terphenyl-d14	(5)	9.466(-0.001)	244	463679	68.208	68%		52 - 151

= RELATIVE RETENTION TIME OUT OF RANGE * = PERCENT REC.OUT OF RANGE D = DILUTED OUT NC = NOT ABLE TO CALCULATE

Target Compounds	I.S. Ref.	RT (+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit (ng/ul)
15) Phenol	(1)				ND	ND			1.00
18) bis(2-Chloroethyl)ether	(1)				ND	ND			1.00
19) 2-Chlorophenol	(1)				ND	ND			1.00
20) 1,3-Dichlorobenzene	(1)				ND	ND			1.00
22) 1,4-Dichlorobenzene	(1)				ND	ND			1.00
24) 1,2-Dichlorobenzene	(1)				ND	ND			1.00
25) 2-Methylphenol	(1)			Below MDL, Do not report					1.00
26) 2,2'-oxybis(1-Chloropropane)	(1)				ND	ND			1.00
30) N-Nitroso-di-n-propylamine	(1)				ND	ND			1.00
31) 4-Methylphenol	(1)			Below MDL, Do not report					2.00
34) Hexachloroethane	(1)				ND	ND			1.00
36) Nitrobenzene	(2)			Below MDL, Do not report					1.00
38) Isophorone	(2)			Below MDL, Do not report					1.00
39) 2-Nitrophenol	(2)				ND	ND			1.00
40) 2,4-Dimethylphenol	(2)			Below MDL, Do not report					3.00
42) bis(2-Chloroethoxy)methane	(2)				ND	ND			1.00
44) 2,4-Dichlorophenol	(2)				ND	ND			1.00
45) 1,2,4-Trichlorobenzene	(2)				ND	ND			1.00
47) Naphthalene	(2)			Below MDL, Do not report					1.00
48) 4-Chloroaniline	(2)				ND	ND			1.00
51) Hexachlorobutadiene	(2)				ND	ND			1.00
55) 4-Chloro-3-methylphenol	(2)				ND	ND			1.00

8436

OR--3

Lancaster Labs
Quantitation Report GC/MS Semi-Volatiles 5136509

Data file: /chem/HP10623.i/07aug27.b/ch0877.d Blank Data file reference:**/chem/HP10623.i/07aug24a.b/ch0824.d**
Injection date and time: 28-AUG-2007 01:33 Instrument ID: HP10623.i Batch: 07236WAB
Date, time and analyst ID of latest file update: 29-Aug-2007 20:00 lmh00956

Method used: /chem/HP10623.i/07aug27.b/m8270.m Sublist used: **WTC8**
Calibration date and time (Last Method Edit): 28-AUG-2007 19:17
Mid Level Daily Calibration Standard Reference: /chem/HP10623.i/07aug27.b/ch0861.d

Sample Concentration Formula: On-Column Amount * DF * Uf * Vt/(Vo * Vi) Matrix: WATER GPC Cleanup: No

Dilution Factor (DF): 1 Unit Correction Factor (Uf): 1 Volume Injected (Vi): 1 ul
GPC Cleanup Factor (gpcf): 1 Sample Volume (Vo): 998.0 ml Final Extract Volume (Vt): 1000 ul

Target Compounds	I.S. Ref.	RT	(+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit (ng/ul)
58) 2-Methylnaphthalene	(2)					ND	ND			1.00
61) Hexachlorocyclopentadiene	(3)					ND	ND			5.00
64) 2,4,6-Trichlorophenol	(3)					ND	ND			1.00
65) 2,4,5-Trichlorophenol	(3)					ND	ND			1.00
71) 2-Chloronaphthalene	(3)					ND	ND			2.00
74) 2-Nitroaniline	(3)				Below MDL, Do not report					1.00
77) Dimethylphthalate	(3)				Below MDL, Do not report					2.00
79) 2,6-Dinitrotoluene	(3)				Below MDL, Do not report					1.00
80) Acenaphthylene	(3)					ND	ND			1.00
81) 3-Nitroaniline	(3)				Below MDL, Do not report					1.00
83) Acenaphthene	(3)					ND	ND			1.00
84) 2,4-Dinitrophenol	(3)					ND	ND			20.00
86) 4-Nitrophenol	(3)				Below MDL, Do not report					10.00
87) Dibenzofuran	(3)					ND	ND			1.00
88) 2,4-Dinitrotoluene	(3)					ND	ND			1.00
93) Diethylphthalate	(3)				Below MDL, Do not report					2.00
94) Fluorene	(3)				Below MDL, Do not report					1.00
96) 4-Chlorophenyl-phenylether	(3)					ND	ND			2.00
98) 4-Nitroaniline	(3)					ND	ND			1.00
99) 4,6-Dinitro-2-methylphenol	(4)				Below MDL, Do not report					5.00
102) N-Nitrosodiphenylamine	(4)				Below MDL, Do not report					2.00
110) 4-Bromophenyl-phenylether	(4)					ND	ND			1.00
112) Hexachlorobenzene	(4)					ND	ND			1.00
116) Pentachlorophenol	(4)					ND	ND			3.00
121) Phenanthrene	(4)				Below MDL, Do not report					1.00
124) Anthracene	(4)				Below MDL, Do not report					1.00
125) Carbazole	(4)				Below MDL, Do not report					1.00
128) Di-n-butylphthalate	(4)				Below MDL, Do not report					2.00
134) Fluoranthene	(4)				Below MDL, Do not report					1.00
136) Pyrene	(5)				Below MDL, Do not report					1.00
143) Butylbenzylphthalate	(5)					ND	ND			2.00
145) 3,3'-Dichlorobenzidine	(5)					ND	ND			2.00
146) Benzo(a)anthracene	(5)				Below MDL, Do not report					1.00
150) Chrysene	(5)				Below MDL, Do not report					1.00
151) bis(2-Ethylhexyl)phthalate	(5)				Below MDL, Do not report					2.00
156) Di-n-octylphthalate	(6)				Below MDL, Do not report					2.00
158) Benzo(b)fluoranthene	(6)				Below MDL, Do not report					1.00
159) Benzo(k)fluoranthene	(6)				Below MDL, Do not report					1.00
160) Benzo(a)pyrene	(6)				Below MDL, Do not report					1.00
168) Indeno(1,2,3-cd)pyrene	(6)					ND	ND			1.00
169) Dibenz(a,h)anthracene	(6)					ND	ND			1.00

OR--3

Lancaster Labs
Quantitation Report GC/MS Semi-Volatiles 5136509

Data file: /chem/HP10623.i/07aug27.b/ch0877.d Blank Data file reference: **/chem/HP10623.i/07aug24a.b/ch0824.d**
Injection date and time: 28-AUG-2007 01:33 Instrument ID: HP10623.i Batch: 07236WAB
Date, time and analyst ID of latest file update: 29-Aug-2007 20:00 lmh00956

Method used: /chem/HP10623.i/07aug27.b/m8270.m Sublist used: **WTC8**
Calibration date and time (Last Method Edit): 28-AUG-2007 19:17
Mid Level Daily Calibration Standard Reference: /chem/HP10623.i/07aug27.b/ch0861.d

Sample Concentration Formula: On-Column Amount * DF * Uf * Vt/(Vo * Vi) Matrix: WATER GPC Cleanup: No

Dilution Factor (DF): 1 Unit Correction Factor (Uf): 1 Volume Injected (Vi): 1 ul
GPC Cleanup Factor (gpcf): 1 Sample Volume (Vo): 998.0 ml Final Extract Volume (Vt): 1000 ul

Target Compounds	I.S. Ref.	RT	(+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit (ng/ul)
170) Benzo(g,h,i)perylene	(6)					ND	ND			1.00

E = CONC. OUT OF CAL. RANGE # = RELATIVE RETENTION TIME OUT OF RANGE

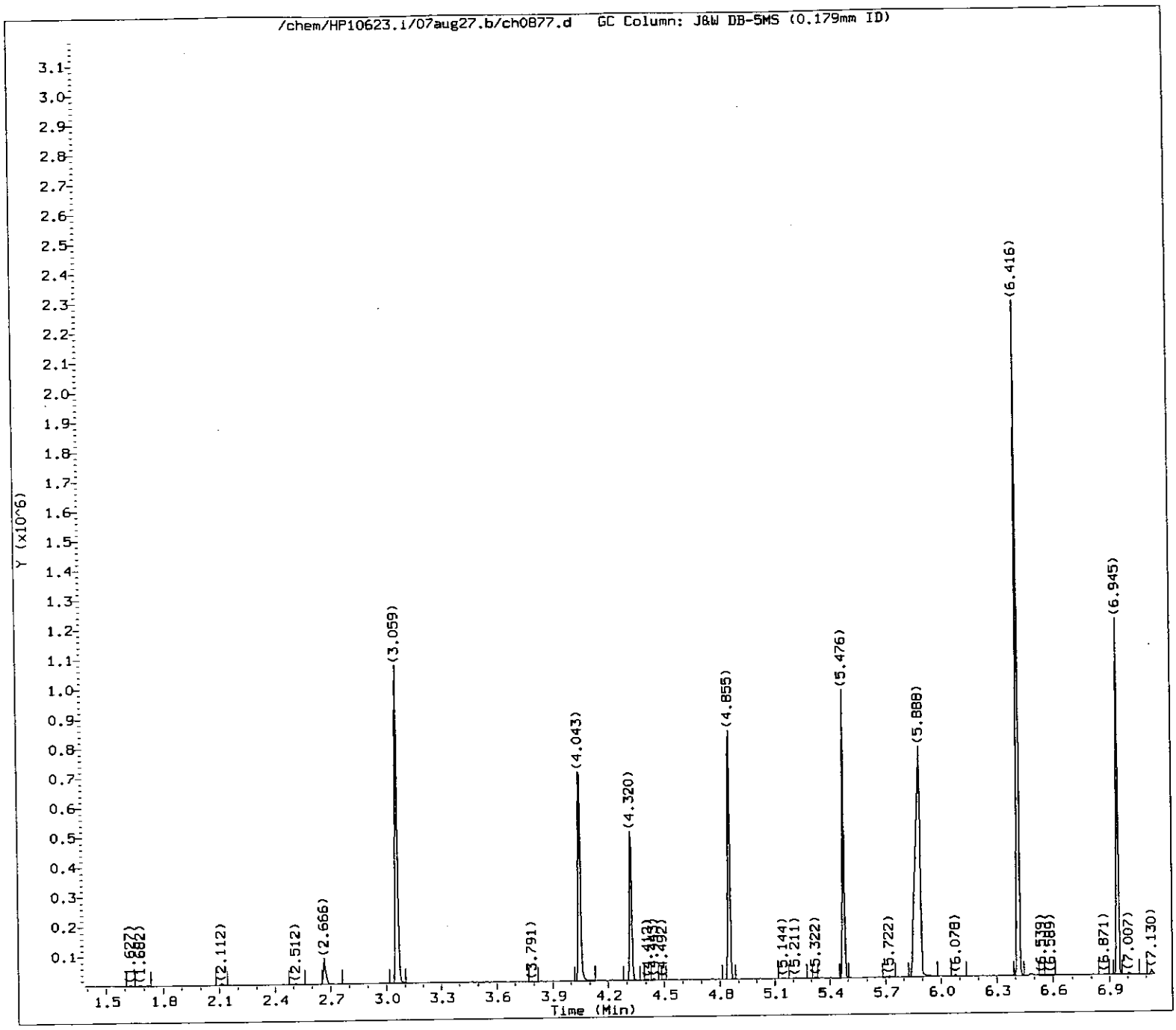
Total number of targets = 64

Comments: _____

Analyst: Stallenstine 8/30/07
Auditor: Mychell Smith 8/31/07

Date: 08/29/07
Date: 8/31/07

8432



Quant Report

Target Revision 3.5

Data File: /chem/HP10623.i/07aug27.b/ch0877.d
Injection date and time: 28-AUG-2007 01:33

Instrument ID: HP10623.i
Analyst ID: lmh00956

Method used: /chem/HP10623.i/07aug27.b/m8270.m
Calibration date and time: 28-AUG-2007 19:17

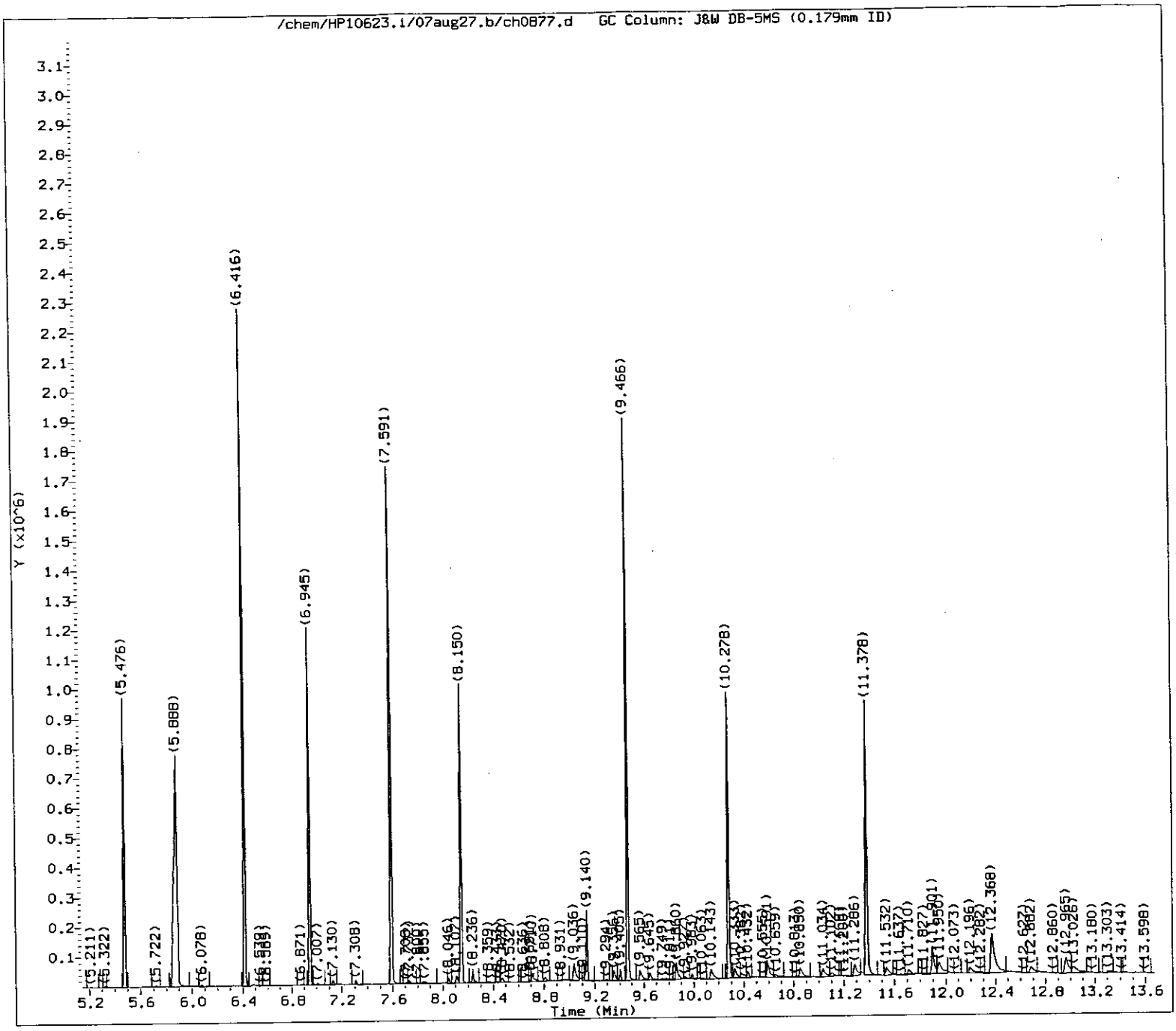
Sublist used: WTC8

Date, time and analyst ID of latest file update: 28-Aug-2007 19:36 lmh00956

Sample Name: OR--3

Lab Sample ID: 5136509

0433



Quant Report

Target Revision 3.5

Data File: /chem/HP10623.i/07aug27.b/ch0877.d Instrument ID: HP10623.i
Injection date and time: 28-AUG-2007 01:33 Analyst ID: lmh00956

Method used: /chem/HP10623.i/07aug27.b/m8270.m Sublist used: WTC8
Calibration date and time: 28-AUG-2007 19:17
Date, time and analyst ID of latest file update: 28-Aug-2007 19:36 lmh00956

Sample Name: OR--3 Lab Sample ID: 5136509

8434

lmh 8/28/07

Quant Report

Target Revision 3.5

Data File: /chem/HP10623.i/07aug27.b/ch0877.d Instrument ID: HP10623.i
Injection date and time: 28-AUG-2007 01:33 Analyst ID: lmh00956

Method used: /chem/HP10623.i/07aug27.b/m8270.m Sublist used: WTC8
Calibration date and time: 28-AUG-2007 19:17
Date, time and analyst ID of latest file update: 28-Aug-2007 19:36 lmh00956

Sample Name: OR--3 Lab Sample ID: 5136509

	Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
21)	1,4-Dichlorobenzene-d4	(1)	4.320	152	69379	40.0000
46)	Naphthalene-d8	(2)	5.476	136	306737	40.0000
82)	Acenaphthene-d10	(3)	6.945	164	190983	40.0000
120)	Phenanthrene-d10	(4)	8.150	188	335806	40.0000
149)	Chrysene-d12	(5)	10.278	240	301576	40.0000
161)	Perylene-d12	(6)	11.378	264	264411	40.0000
9)	2-Fluorophenol	(1)	3.059	112	297924	122.1431
14)	Phenol-d6	(1)	4.049	99	271173	84.6786
35)	Nitrobenzene-d5	(2)	4.855	82	244772	91.8209
66)	2-Fluorobiphenyl	(3)	6.416	172	519430	87.6904
104)	2,4,6-Tribromophenol	(3)	7.597	330	196201	175.5860
138)	Terphenyl-d14	(5)	9.466	244	463679	68.2083

M = Compound was manually integrated. A = User selected an alternate hit

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

OR--2

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 5136510

Sample wt/vol: 969 (g/mL) ML Lab File ID: ch0878.d

Level: (low/med) LOW Date Received: 08/23/07

% Moisture: not dec: dec: Date Extracted: 08/24/07

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/28/07

Injection Volume: 1 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Extraction: Sepf

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	LOQ	UG/L	Q
108-95-2	Phenol			5	U
111-44-4	bis(2-Chloroethyl)ether			5	U
95-57-8	2-Chlorophenol			5	U
541-73-1	1,3-Dichlorobenzene			5	U
106-46-7	1,4-Dichlorobenzene			5	U
95-50-1	1,2-Dichlorobenzene			5	U
95-48-7	2-Methylphenol			5	U
108-60-1	2,2'-oxybis(1-Chloropropane)			5	U
621-64-7	N-Nitroso-di-n-propylamine			5	U
106-44-5	4-Methylphenol			5	U
67-72-1	Hexachloroethane			5	U
98-95-3	Nitrobenzene			5	U
78-59-1	Isophorone			5	U
88-75-5	2-Nitrophenol			5	U
105-67-9	2,4-Dimethylphenol			10	U
111-91-1	bis(2-Chloroethoxy)methane			5	U
120-83-2	2,4-Dichlorophenol			5	U
120-82-1	1,2,4-Trichlorobenzene			5	U
91-20-3	Naphthalene			5	U
106-47-8	4-Chloroaniline			5	U
87-68-3	Hexachlorobutadiene			5	U
59-50-7	4-Chloro-3-methylphenol			5	U
91-57-6	2-Methylnaphthalene			5	U
77-47-4	Hexachlorocyclopentadiene			15	U
88-06-2	2,4,6-Trichlorophenol			5	U
95-95-4	2,4,5-Trichlorophenol			5	U
91-58-7	2-Chloronaphthalene			5	U
88-74-4	2-Nitroaniline			5	U
131-11-3	Dimethylphthalate			5	U
606-20-2	2,6-Dinitrotoluene			5	U

0436

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

OR--2

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 5136510

Sample wt/vol: 969 (g/mL)ML Lab File ID: ch0878.d

Level: (low/med) LOW Date Received: 08/23/07

% Moisture: not dec: dec: Date Extracted: 08/24/07

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/28/07

Injection Volume: 1 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Extraction: Sepf

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	LOQ UG/L	Q
208-96-8	Acenaphthylene		5	U
99-09-2	3-Nitroaniline		5	U
83-32-9	Acenaphthene		5	U
51-28-5	2,4-Dinitrophenol		62	U
100-02-7	4-Nitrophenol		31	U
132-64-9	Dibenzofuran		5	U
121-14-2	2,4-Dinitrotoluene		5	U
84-66-2	Diethylphthalate		5	U
86-73-7	Fluorene		5	U
7005-72-3	4-Chlorophenyl-phenylether		5	U
100-01-6	4-Nitroaniline		5	U
534-52-1	4,6-Dinitro-2-methylphenol		15	U
86-30-6	N-Nitrosodiphenylamine		5	U
101-55-3	4-Bromophenyl-phenylether		5	U
118-74-1	Hexachlorobenzene		5	U
87-86-5	Pentachlorophenol		15	U
85-01-8	Phenanthrene		5	U
120-12-7	Anthracene		5	U
86-74-8	Carbazole		5	U
84-74-2	Di-n-butylphthalate		5	U
206-44-0	Fluoranthene		5	U
129-00-0	Pyrene		5	U
85-68-7	Butylbenzylphthalate		5	U
91-94-1	3,3'-Dichlorobenzidine		5	U
56-55-3	Benzo(a)anthracene		5	U
218-01-9	Chrysene		5	U
117-81-7	bis(2-Ethylhexyl)phthalate		5	U
117-84-0	Di-n-octylphthalate		5	U
205-99-2	Benzo(b)fluoranthene		5	U
207-08-9	Benzo(k)fluoranthene		5	U

0437

1C cont

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

OR--2

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 5136510

Sample wt/vol: 969 (g/mL)ML Lab File ID: ch0878.d

Level: (low/med) LOW Date Received: 08/23/07

% Moisture: not dec: dec: Date Extracted: 08/24/07

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/28/07

Injection Volume: 1 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Extraction: Sepf

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	LOQ	UG/L	Q
50-32-8	Benzo(a)pyrene			5	U
193-39-5	Indeno(1,2,3-cd)pyrene			5	U
53-70-3	Dibenz(a,h)anthracene			5	U
191-24-2	Benzo(g,h,i)perylene			5	U

0438

OR--2

Lancaster Labs
Quantitation Report GC/MS Semi-Volatiles 5136510

Data file: /chem/HP10623.i/07aug27.b/ch0878.d Blank Data file reference:**/chem/HP10623.i/07aug24a.b/ch0824.d**
Injection date and time: 28-AUG-2007 01:53 Instrument ID: HP10623.i Batch: 07236WAB
Date, time and analyst ID of latest file update: 29-Aug-2007 20:01 lmh00956

Method used: /chem/HP10623.i/07aug27.b/m8270.m Sublist used: **WTC8**
Calibration date and time (Last Method Edit): 28-AUG-2007 19:17
Mid Level Daily Calibration Standard Reference: /chem/HP10623.i/07aug27.b/ch0861.d

Sample Concentration Formula: On-Column Amount * DF * Uf * Vt/(Vo * Vi) Matrix: WATER GPC Cleanup: No

Dilution Factor (DF): 1 Dnit Correction Factor (Uf): 1 Volume Injected (Vi): 1 ul
GPC Cleanup Factor (gpcf): 1 Sample Volume (Vo): 969.0 ml Final Extract Volume (Vt): 1000 ul

Internal Standards	RT (+/-RT)	Scan	QIon	Area(+/- %Area)	Conc (ng/ul)	QC Flag
21) 1,4-Dichlorobenzene-d4	4.320(0.006)	478	152.0	71428(-12)	40.00	
46) Naphthalene-d8	5.476(0.006)	666	136.0	313452(-11)	40.00	
82) Acenaphthene-d10	6.945(0.006)	905	164.0	194928(-8)	40.00	
120) Phenanthrene-d10	8.150(0.006)	1101	188.0	350777(-11)	40.00	
149) Chrysene-d12	10.278(0.012)	1447	240.0	323946(-4)	40.00	
161) Perylene-d12	11.378(0.006)	1626	264.0	285392(-12)	40.00	

= RETENTION TIME OUT OF RANGE * = INTERNAL STANDARD OUT OF RANGE NC = NOT ABLE TO CALCULATE

Surrogate Standards	I.S. Ref.	RT (+/-RRT)	QIon	Area	Conc. (on column)	%Rec.	QC flags	QC Limits
9) 2-Fluorophenol	(1)	3.059(-0.001)	112	312866	124.589	62%		10 - 103
14) Phenol-d6	(1)	4.049(0.000)	99	297417	90.210	45%		10 - 82
35) Nitrobenzene-d5	(2)	4.855(0.000)	82	252748	92.782	93%		51 - 123
66) 2-Fluorobiphenyl	(3)	6.416(0.000)	172	529367	87.559	88%		63 - 118
104) 2,4,6-Tribromophenol	(3)	7.597(-0.001)	330	205622	180.293	90%		20 - 159
138) Terphenyl-d14	(5)	9.466(-0.001)	244	626167	85.750	86%		52 - 151

= RELATIVE RETENTION TIME OUT OF RANGE * = PERCENT REC.OUT OF RANGE D = DILUTED OUT NC = NOT ABLE TO CALCULATE

Target Compounds	I.S. Ref.	RT (+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit (ng/ul)
15) Phenol	(1)				ND	ND			1.00
18) bis(2-Chloroethyl)ether	(1)				ND	ND			1.00
19) 2-Chlorophenol	(1)				ND	ND			1.00
20) 1,3-Dichlorobenzene	(1)				ND	ND			1.00
22) 1,4-Dichlorobenzene	(1)				ND	ND			1.00
24) 1,2-Dichlorobenzene	(1)				ND	ND			1.00
25) 2-Methylphenol	(1)				ND	ND			1.00
26) 2,2'-oxybis(1-Chloropropane)	(1)				ND	ND			1.00
30) N-Nitroso-di-n-propylamine	(1)				ND	ND			1.00
31) 4-Methylphenol	(1)				ND	ND			2.00
34) Hexachloroethane	(1)				ND	ND			1.00
36) Nitrobenzene	(2)			Below MDL,	Do not report				1.00
38) Isophorone	(2)				ND	ND			1.00
39) 2-Nitrophenol	(2)				ND	ND			1.00
40) 2,4-Dimethylphenol	(2)			Below MDL,	Do not report				3.00
42) bis(2-Chloroethoxy)methane	(2)				ND	ND			1.00
44) 2,4-Dichlorophenol	(2)				ND	ND			1.00
45) 1,2,4-Trichlorobenzene	(2)				ND	ND			1.00
47) Naphthalene	(2)			Below MDL,	Do not report				1.00
48) 4-Chloroaniline	(2)				ND	ND			1.00
51) Hexachlorobutadiene	(2)				ND	ND			1.00
55) 4-Chloro-3-methylphenol	(2)				ND	ND			1.00

OR--2

Lancaster Labs
Quantitation Report GC/MS Semi-Volatiles 5136510

Data file: /chem/HP10623.i/07aug27.b/ch0878.d Blank Data file reference:**/chem/HP10623.i/07aug24a.b/ch0824.d**
Injection date and time: 28-AUG-2007 01:53 Instrument ID: HP10623.i Batch: 07236WAB
Date, time and analyst ID of latest file update: 29-Aug-2007 20:01 lmh00956

Method used: /chem/HP10623.i/07aug27.b/m8270.m Sublist used: **WTC8**
Calibration date and time (Last Method Edit): 28-AUG-2007 19:17
Mid Level Daily Calibration Standard Reference: /chem/HP10623.i/07aug27.b/ch0861.d

Sample Concentration Formula: On-Column Amount * DF * Uf * Vt/(Vo * Vi) Matrix: WATER GPC Cleanup: No

Dilution Factor (DF): 1 Unit Correction Factor (Uf): 1 Volume Injected (Vi): 1 ul
GPC Cleanup Factor (gpcf): 1 Sample Volume (Vo): 969.0 ml Final Extract Volume (Vt): 1000 ul

Target Compounds	I.S. Ref.	RT	(+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit (ng/ul)
58) 2-Methylnaphthalene	(2)					ND	ND			1.00
61) Hexachlorocyclopentadiene	(3)					ND	ND			5.00
64) 2,4,6-Trichlorophenol	(3)					ND	ND			1.00
65) 2,4,5-Trichlorophenol	(3)					ND	ND			1.00
71) 2-Chloronaphthalene	(3)					ND	ND			2.00
74) 2-Nitroaniline	(3)				Below MDL,	Do not report				1.00
77) Dimethylphthalate	(3)				Below MDL,	Do not report				2.00
79) 2,6-Dinitrotoluene	(3)				Below MDL,	Do not report				1.00
80) Acenaphthylene	(3)					ND	ND			1.00
81) 3-Nitroaniline	(3)					ND	ND			1.00
83) Acenaphthene	(3)					ND	ND			1.00
84) 2,4-Dinitrophenol	(3)					ND	ND			20.00
86) 4-Nitrophenol	(3)				Below MDL,	Do not report				10.00
87) Dibenzofuran	(3)					ND	ND			1.00
88) 2,4-Dinitrotoluene	(3)					ND	ND			1.00
93) Diethylphthalate	(3)				Below MDL,	Do not report				2.00
94) Fluorene	(3)					ND	ND			1.00
96) 4-Chlorophenyl-phenylether	(3)					ND	ND			2.00
98) 4-Nitroaniline	(3)					ND	ND			1.00
99) 4,6-Dinitro-2-methylphenol	(4)				Below MDL,	Do not report				5.00
102) N-Nitrosodiphenylamine	(4)				Below MDL,	Do not report				2.00
110) 4-Bromophenyl-phenylether	(4)					ND	ND			1.00
112) Hexachlorobenzene	(4)					ND	ND			1.00
116) Pentachlorophenol	(4)					ND	ND			3.00
121) Phenanthrene	(4)				Below MDL,	Do not report				1.00
124) Anthracene	(4)				Below MDL,	Do not report				1.00
125) Carbazole	(4)				Below MDL,	Do not report				1.00
128) Di-n-butylphthalate	(4)				Below MDL,	Do not report				2.00
134) Fluoranthene	(4)				Below MDL,	Do not report				1.00
136) Pyrene	(5)				Below MDL,	Do not report				1.00
143) Butylbenzylphthalate	(5)					ND	ND			2.00
145) 3,3'-Dichlorobenzidine	(5)					ND	ND			2.00
146) Benzo(a)anthracene	(5)				Below MDL,	Do not report				1.00
150) Chrysene	(5)				Below MDL,	Do not report				1.00
151) bis(2-Ethylhexyl)phthalate	(5)				Below MDL,	Do not report				2.00
156) Di-n-octylphthalate	(6)				Below MDL,	Do not report				2.00
158) Benzo(b)fluoranthene	(6)				Below MDL,	Do not report				1.00
159) Benzo(k)fluoranthene	(6)				Below MDL,	Do not report				1.00
160) Benzo(a)pyrene	(6)				Below MDL,	Do not report				1.00
168) Indeno(1,2,3-cd)pyrene	(6)					ND	ND			1.00
169) Dibenz(a,h)anthracene	(6)					ND	ND			1.00

8440

OR--2

Lancaster Labs
Quantitation Report GC/MS Semi-Volatiles 5136510

Data file: /chem/HP10623.i/07aug27.b/ch0878.d Blank Data file reference:**/chem/HP10623.i/07aug24a.b/ch0824.d**
Injection date and time: 28-AUG-2007 01:53 Instrument ID: HP10623.i Batch: 07236WAB
Date, time and analyst ID of latest file update: 29-Aug-2007 20:01 lmh00956

Method used: /chem/HP10623.i/07aug27.b/m8270.m Sublist used: **WTC8**
Calibration date and time (Last Method Edit): 28-AUG-2007 19:17
Mid Level Daily Calibration Standard Reference: /chem/HP10623.i/07aug27.b/ch0861.d

Sample Concentration Formula: On-Column Amount * DF * Uf * Vt/(Vo * Vi) Matrix: WATER GPC Cleanup: No

Dilution Factor (DF): 1 Unit Correction Factor (Uf): 1 Volume Injected (Vi): 1 ul
GPC Cleanup Factor (gpcf): 1 Sample Volume (Vo): 969.0 ml Final Extract Volume (Vt): 1000 ul

Target Compounds	I.S. Ref.	RT	(+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit (ng/ul)
170) Benzo(g,h,i)perylene	(6)					ND	ND			1.00

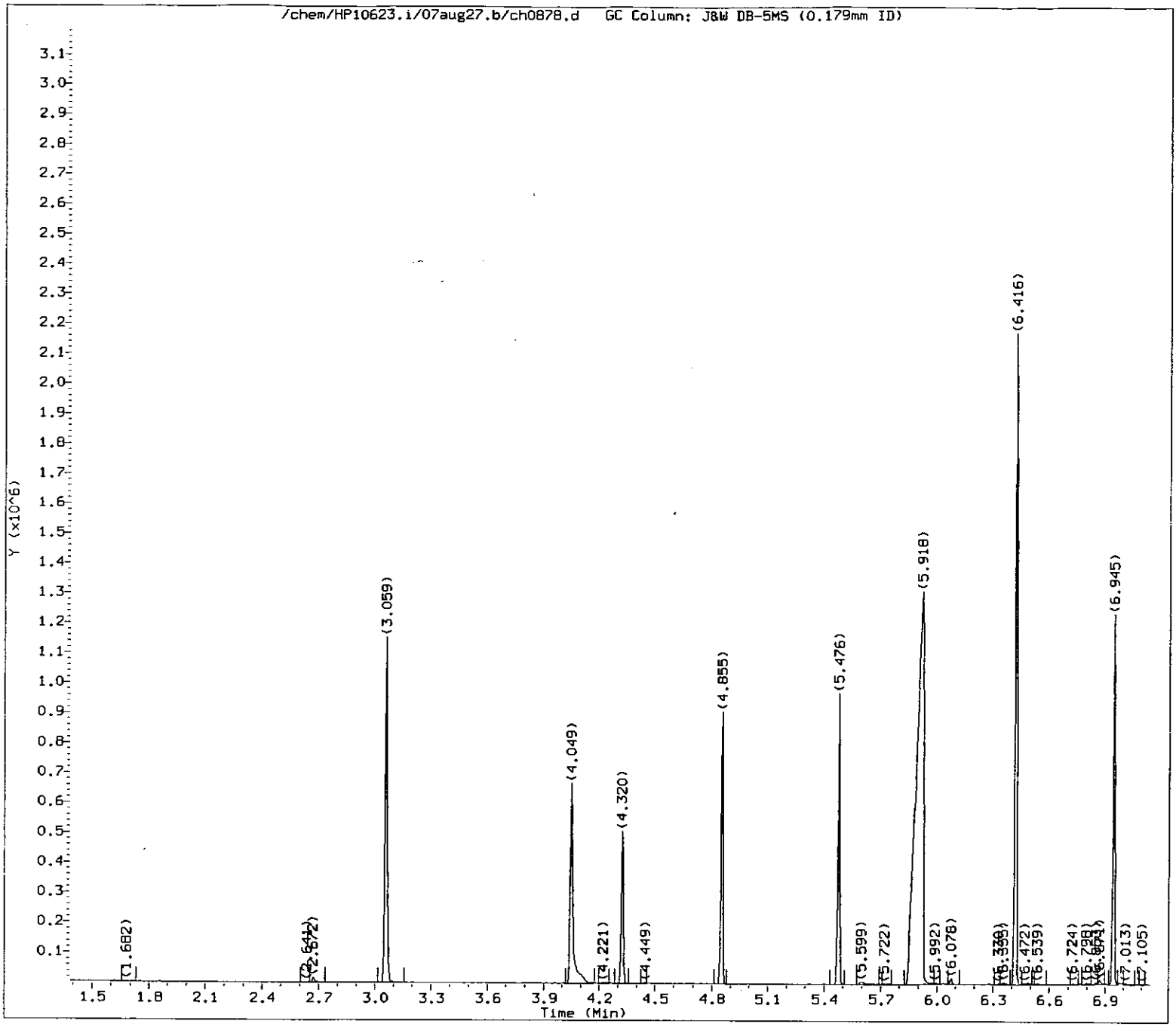
E = CONC. OUT OF CAL. RANGE # = RELATIVE RETENTION TIME OUT OF RANGE

Total number of targets = 64

Comments:

Analyst: Michael J. Tallentyre/98 Date: 08/29/07
Auditor: Michael Smith Date: 8/31/07

6441



Quant Report

Target Revision 3.5

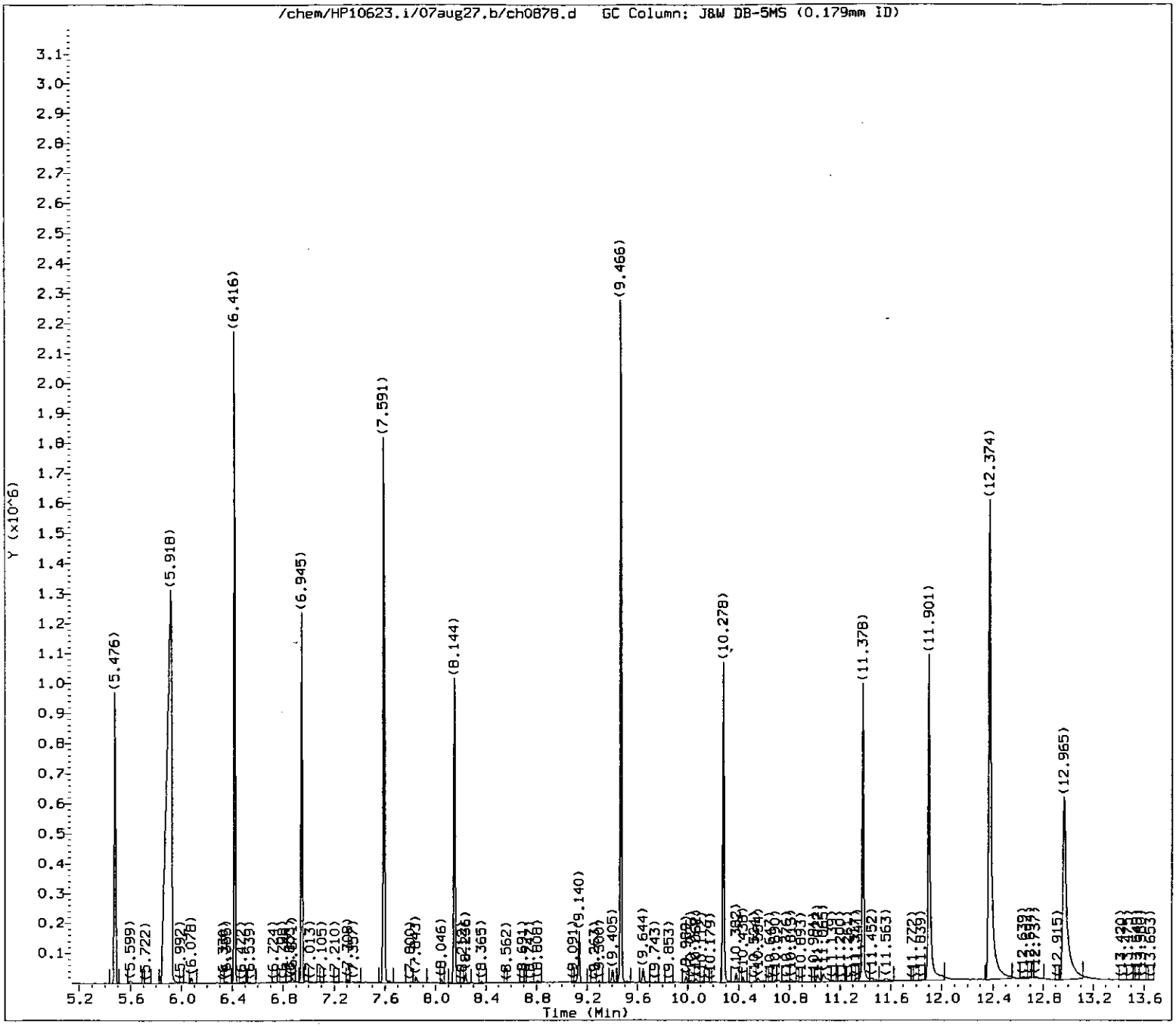
Data File: /chem/HP10623.i/07aug27.b/ch0878.d Instrument ID: HP10623.i
Injection date and time: 28-AUG-2007 01:53 Analyst ID: lmh00956

Method used: /chem/HP10623.i/07aug27.b/m8270.m Sublist used: WTC8
Calibration date and time: 28-AUG-2007 19:17
Date, time and analyst ID of latest file update: 28-Aug-2007 19:38 lmh00956

Sample Name: OR--2 Lab Sample ID: 5136510

8442

lmh 08/28/07



Quant Report

Target Revision 3.5

Data File: /chem/HP10623.i/07aug27.b/ch0878.d Instrument ID: HP10623.i
Injection date and time: 28-AUG-2007 01:53 Analyst ID: lmh00956

Method used: /chem/HP10623.i/07aug27.b/m8270.m Sublist used: WTC8
Calibration date and time: 28-AUG-2007 19:17
Date, time and analyst ID of latest file update: 28-Aug-2007 19:38 lmh00956

Sample Name: OR--2 Lab Sample ID: 5136510

8443

lmh 8/28/07

Quant Report

Target Revision 3.5

Data File: /chem/HP10623.i/07aug27.b/ch0878.d Instrument ID: HP10623.i
Injection date and time: 28-AUG-2007 01:53 Analyst ID: lmh00956

Method used: /chem/HP10623.i/07aug27.b/m8270.m Sublist used: WTC8
Calibration date and time: 28-AUG-2007 19:17
Date, time and analyst ID of latest file update: 28-Aug-2007 19:38 lmh00956

Sample Name: OR--2 Lab Sample ID: 5136510

	Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
21)	1,4-Dichlorobenzene-d4	(1)	4.320	152	71428	40.0000
46)	Naphthalene-d8	(2)	5.476	136	313452	40.0000
82)	Acenaphthene-d10	(3)	6.945	164	194928	40.0000
120)	Phenanthrene-d10	(4)	8.150	188	350777	40.0000
149)	Chrysene-d12	(5)	10.278	240	323946	40.0000
161)	Perylene-d12	(6)	11.378	264	285392	40.0000
9)	2-Fluorophenol	(1)	3.059	112	312866	124.5894
14)	Phenol-d6	(1)	4.049	99	297417	90.2096
35)	Nitrobenzene-d5	(2)	4.855	82	252748	92.7818
66)	2-Fluorobiphenyl	(3)	6.416	172	529367	87.5593
104)	2,4,6-Tribromophenol	(3)	7.597	330	205622	180.2930
138)	Terphenyl-d14	(5)	9.466	244	626167	85.7500

M = Compound was manually integrated. A = User selected an alternate hit

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

DC--1

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 5136511

Sample wt/vol: 921 (g/mL)ML Lab File ID: ch0879.d

Level: (low/med) LOW Date Received: 08/23/07

% Moisture: not dec: dec: Date Extracted: 08/24/07

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/28/07

Injection Volume: 1 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Extraction: Sepf

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	LOQ UG/L	Q
108-95-2	Phenol		5	U
111-44-4	bis(2-Chloroethyl)ether		5	U
95-57-8	2-Chlorophenol		5	U
541-73-1	1,3-Dichlorobenzene		5	U
106-46-7	1,4-Dichlorobenzene		5	U
95-50-1	1,2-Dichlorobenzene		5	U
95-48-7	2-Methylphenol		5	U
108-60-1	2,2'-oxybis(1-Chloropropane)		5	U
621-64-7	N-Nitroso-di-n-propylamine		5	U
106-44-5	4-Methylphenol		5	U
67-72-1	Hexachloroethane		5	U
98-95-3	Nitrobenzene		5	U
78-59-1	Isophorone		5	U
88-75-5	2-Nitrophenol		5	U
105-67-9	2,4-Dimethylphenol		11	U
111-91-1	bis(2-Chloroethoxy)methane		5	U
120-83-2	2,4-Dichlorophenol		5	U
120-82-1	1,2,4-Trichlorobenzene		5	U
91-20-3	Naphthalene		5	U
106-47-8	4-Chloroaniline		5	U
87-68-3	Hexachlorobutadiene		5	U
59-50-7	4-Chloro-3-methylphenol		5	U
91-57-6	2-Methylnaphthalene		5	U
77-47-4	Hexachlorocyclopentadiene		16	U
88-06-2	2,4,6-Trichlorophenol		5	U
95-95-4	2,4,5-Trichlorophenol		5	U
91-58-7	2-Chloronaphthalene		5	U
88-74-4	2-Nitroaniline		5	U
131-11-3	Dimethylphthalate		5	U
606-20-2	2,6-Dinitrotoluene		5	U

8445

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

DC--1

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 5136511

Sample wt/vol: 921 (g/mL) ML Lab File ID: ch0879.d

Level: (low/med) LOW Date Received: 08/23/07

% Moisture: not dec: dec: Date Extracted: 08/24/07

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/28/07

Injection Volume: 1 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Extraction: Sepf

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	LOQ UG/L	Q
208-96-8	Acenaphthylene		5	U
99-09-2	3-Nitroaniline		5	U
83-32-9	Acenaphthene		5	U
51-28-5	2,4-Dinitrophenol		65	U
100-02-7	4-Nitrophenol		33	U
132-64-9	Dibenzofuran		5	U
121-14-2	2,4-Dinitrotoluene		5	U
84-66-2	Diethylphthalate		5	U
86-73-7	Fluorene		5	U
7005-72-3	4-Chlorophenyl-phenylether		5	U
100-01-6	4-Nitroaniline		5	U
534-52-1	4,6-Dinitro-2-methylphenol		16	U
86-30-6	N-Nitrosodiphenylamine		5	U
101-55-3	4-Bromophenyl-phenylether		5	U
118-74-1	Hexachlorobenzene		5	U
87-86-5	Pentachlorophenol		16	U
85-01-8	Phenanthrene		5	U
120-12-7	Anthracene		5	U
86-74-8	Carbazole		5	U
84-74-2	Di-n-butylphthalate		5	U
206-44-0	Fluoranthene		5	U
129-00-0	Pyrene		5	U
85-68-7	Butylbenzylphthalate		5	U
91-94-1	3,3'-Dichlorobenzidine		5	U
56-55-3	Benzo(a)anthracene		5	U
218-01-9	Chrysene		5	U
117-81-7	bis(2-Ethylhexyl)phthalate		5	U
117-84-0	Di-n-octylphthalate		5	U
205-99-2	Benzo(b)fluoranthene		5	U
207-08-9	Benzo(k)fluoranthene		5	U

8446

1C cont

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

DC--1

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 5136511

Sample wt/vol: 921 (g/mL)ML Lab File ID: ch0879.d

Level: (low/med) LOW Date Received: 08/23/07

% Moisture: not dec: dec: Date Extracted: 08/24/07

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/28/07

Injection Volume: 1 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Extraction: Sepf

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	LOQ UG/L	Q
50-32-8	Benzo(a)pyrene		5	U
193-39-5	Indeno(1,2,3-cd)pyrene		5	U
53-70-3	Dibenz(a,h)anthracene		5	U
191-24-2	Benzo(g,h,i)perylene		5	U

6447

DC--1

Lancaster Labs
Quantitation Report GC/MS Semi-Volatiles 5136511

Data file: /chem/HP10623.i/07aug27.b/ch0879.d Blank Data file reference:**/chem/HP10623.i/07aug24a.b/ch0824.d**
Injection date and time: 28-AUG-2007 02:13 Instrument ID: HP10623.i Batch: 07236WAB
Date, time and analyst ID of latest file update: 29-Aug-2007 20:01 lmh00956

Method used: /chem/HP10623.i/07aug27.b/m8270.m Sublist used: **WTC8**
Calibration date and time (Last Method Edit): 28-AUG-2007 19:17
Mid Level Daily Calibration Standard Reference: /chem/HP10623.i/07aug27.b/ch0861.d

Sample Concentration Formula: On-Column Amount * DF * Uf * Vt/(Vo * Vi) Matrix: WATER GPC Cleanup: No

Dilution Factor (DF): 1 Unit Correction Factor (Uf): 1 Volume Injected (Vi): 1 ul
GPC Cleanup Factor (gpcf): 1 Sample Volume (Vo): 921.0 ml Final Extract Volume (Vt): 1000 ul

Internal Standards	RT (+/-RT)	Scan	QIon	Area (+/- %Area)	Conc (ng/ul)	QC Flag
21) 1,4-Dichlorobenzene-d4	4.320(0.006)	478	152.0	67663(-17)	40.00	
46) Naphthalene-d8	5.476(0.006)	666	136.0	296180(-15)	40.00	
82) Acenaphthene-d10	6.945(0.006)	905	164.0	184616(-13)	40.00	
120) Phenanthrene-d10	8.150(0.006)	1101	188.0	326789(-17)	40.00	
149) Chrysene-d12	10.278(0.012)	1447	240.0	291348(-14)	40.00	
161) Perylene-d12	11.378(0.006)	1626	264.0	258185(-20)	40.00	

= RETENTION TIME OUT OF RANGE * = INTERNAL STANDARD OUT OF RANGE NC = NOT ABLE TO CALCULATE

Surrogate Standards	I.S. Ref.	RT (+/-RRT)	QIon	Area	Conc. (on column)	%Rec.	QC flags	QC Limits
9) 2-Fluorophenol	(1)	3.059(-0.001)	112	306060	128.661	64%		10 - 103
14) Phenol-d6	(1)	4.049(0.000)	99	289479	92.687	46%		10 - 82
35) Nitrobenzene-d5	(2)	4.855(0.000)	82	253494	98.482	98%		51 - 123
66) 2-Fluorobiphenyl	(3)	6.416(0.000)	172	526315	91.917	92%		63 - 118
104) 2,4,6-Tribromophenol	(3)	7.597(-0.001)	330	232486	215.234	108%		20 - 159
138) Terphenyl-d14	(5)	9.466(-0.001)	244	533151	81.181	81%		52 - 151

= RELATIVE RETENTION TIME OUT OF RANGE * = PERCENT REC.OUT OF RANGE D = DILUTED OUT NC = NOT ABLE TO CALCULATE

Target Compounds	I.S. Ref.	RT (+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit (ng/ul)
15) Phenol	(1)				ND	ND			1.00
18) bis(2-Chloroethyl)ether	(1)				Below MDL, Do not report				1.00
19) 2-Chlorophenol	(1)				ND	ND			1.00
20) 1,3-Dichlorobenzene	(1)				ND	ND			1.00
22) 1,4-Dichlorobenzene	(1)				ND	ND			1.00
24) 1,2-Dichlorobenzene	(1)				ND	ND			1.00
25) 2-Methylphenol	(1)				Below MDL, Do not report				1.00
26) 2,2'-oxybis(1-Chloropropane)	(1)				ND	ND			1.00
30) N-Nitroso-di-n-propylamine	(1)				ND	ND			1.00
31) 4-Methylphenol	(1)				ND	ND			2.00
34) Hexachloroethane	(1)				ND	ND			1.00
36) Nitrobenzene	(2)				Below MDL, Do not report				1.00
38) Isophorone	(2)				Below MDL, Do not report				1.00
39) 2-Nitrophenol	(2)				ND	ND			1.00
40) 2,4-Dimethylphenol	(2)				Below MDL, Do not report				3.00
42) bis(2-Chloroethoxy)methane	(2)				ND	ND			1.00
44) 2,4-Dichlorophenol	(2)				ND	ND			1.00
45) 1,2,4-Trichlorobenzene	(2)				ND	ND			1.00
47) Naphthalene	(2)				Below MDL, Do not report				1.00
48) 4-Chloroaniline	(2)				ND	ND			1.00
51) Hexachlorobutadiene	(2)				ND	ND			1.00
55) 4-Chloro-3-methylphenol	(2)				ND	ND			1.00

6448

DC--1

Lancaster Labs
Quantitation Report GC/MS Semi-Volatiles 5136511

Data file: /chem/HP10623.i/07aug27.b/ch0879.d Blank Data file reference:**/chem/HP10623.i/07aug24a.b/ch0824.d**
Injection date and time: 28-AUG-2007 02:13 Instrument ID: HP10623.i Batch: 07236WAB
Date, time and analyst ID of latest file update: 29-Aug-2007 20:01 lmh00956

Method used: /chem/HP10623.i/07aug27.b/m8270.m Sublist used: **WTC8**
Calibration date and time (Last Method Edit): 28-AUG-2007 19:17
Mid Level Daily Calibration Standard Reference: /chem/HP10623.i/07aug27.b/ch0861.d

Sample Concentration Formula: On-Column Amount * DF * Uf * Vt/(Vo * Vi) Matrix: WATER GPC Cleanup: No

Dilution Factor (DF): 1 Unit Correction Factor (Uf): 1 Volume Injected (Vi): 1 ul
GPC Cleanup Factor (gpcf): 1 Sample Volume (Vo): 921.0 ml Final Extract Volume (Vt): 1000 ul

Target Compounds	I.S. Ref.	RT	(+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit (ng/ul)
58) 2-Methylnaphthalene	(2)					ND	ND			1.00
61) Hexachlorocyclopentadiene	(3)					ND	ND			5.00
64) 2,4,6-Trichlorophenol	(3)					ND	ND			1.00
65) 2,4,5-Trichlorophenol	(3)					ND	ND			1.00
71) 2-Chloronaphthalene	(3)					ND	ND			2.00
74) 2-Nitroaniline	(3)				Below MDL,	Do not report				1.00
77) Dimethylphthalate	(3)					ND	ND			2.00
79) 2,6-Dinitrotoluene	(3)					ND	ND			1.00
80) Acenaphthylene	(3)					ND	ND			1.00
81) 3-Nitroaniline	(3)					ND	ND			1.00
83) Acenaphthene	(3)					ND	ND			1.00
84) 2,4-Dinitrophenol	(3)					ND	ND			20.00
86) 4-Nitrophenol	(3)				Below MDL,	Do not report				10.00
87) Dibenzofuran	(3)					ND	ND			1.00
88) 2,4-Dinitrotoluene	(3)					ND	ND			1.00
93) Diethylphthalate	(3)				Below MDL,	Do not report				2.00
94) Fluorene	(3)					ND	ND			1.00
96) 4-Chlorophenyl-phenylether	(3)					ND	ND			2.00
98) 4-Nitroaniline	(3)					ND	ND			1.00
99) 4,6-Dinitro-2-methylphenol	(4)				Below MDL,	Do not report				5.00
102) N-Nitrosodiphenylamine	(4)				Below MDL,	Do not report				2.00
110) 4-Bromophenyl-phenylether	(4)					ND	ND			1.00
112) Hexachlorobenzene	(4)					ND	ND			1.00
116) Pentachlorophenol	(4)					ND	ND			3.00
121) Phenanthrene	(4)				Below MDL,	Do not report				1.00
124) Anthracene	(4)				Below MDL,	Do not report				1.00
125) Carbazole	(4)					ND	ND			1.00
128) Di-n-butylphthalate	(4)				Below MDL,	Do not report				2.00
134) Fluoranthene	(4)				Below MDL,	Do not report				1.00
136) Pyrene	(5)				Below MDL,	Do not report				1.00
143) Butylbenzylphthalate	(5)				Below MDL,	Do not report				2.00
145) 3,3'-Dichlorobenzidine	(5)					ND	ND			2.00
146) Benzo(a)anthracene	(5)				Below MDL,	Do not report				1.00
150) Chrysene	(5)				Below MDL,	Do not report				1.00
151) bis(2-Ethylhexyl)phthalate	(5)				Below MDL,	Do not report				2.00
156) Di-n-octylphthalate	(6)				Below MDL,	Do not report				2.00
158) Benzo(b)fluoranthene	(6)				Below MDL,	Do not report				1.00
159) Benzo(k)fluoranthene	(6)				Below MDL,	Do not report				1.00
160) Benzo(a)pyrene	(6)				Below MDL,	Do not report				1.00
168) Indeno(1,2,3-cd)pyrene	(6)					ND	ND			1.00
169) Dibenz(a,h)anthracene	(6)					ND	ND			1.00

DC--1

Lancaster Labs
Quantitation Report GC/MS Semi-Volatiles 5136511

Data file: /chem/HP10623.i/07aug27.b/ch0879.d Blank Data file reference:**/chem/HP10623.i/07aug24a.b/ch0824.d**
Injection date and time: 28-AUG-2007 02:13 Instrument ID: HP10623.i Batch: 07236WAB
Date, time and analyst ID of latest file update: 29-Aug-2007 20:01 lmh00956

Method used: /chem/HP10623.i/07aug27.b/m8270.m Sublist used: **WTC8**
Calibration date and time (Last Method Edit): 28-AUG-2007 19:17
Mid Level Daily Calibration Standard Reference: /chem/HP10623.i/07aug27.b/ch0861.d

Sample Concentration Formula: On-Column Amount * DF * Uf * Vt/(Vo * Vi) Matrix: WATER GPC Cleanup: No

Dilution Factor (DF): 1 Unit Correction Factor (Uf): 1 Volume Injected (Vi): 1 ul
GPC Cleanup Factor (gpcf): 1 Sample Volume (Vo): 921.0 ml Final Extract Volume (Vt): 1000 ul

Target Compounds	I.S. Ref.	RT	(+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit (ng/ul)
170) Benzo(g,h,i)perylene	(6)					ND	ND			1.00

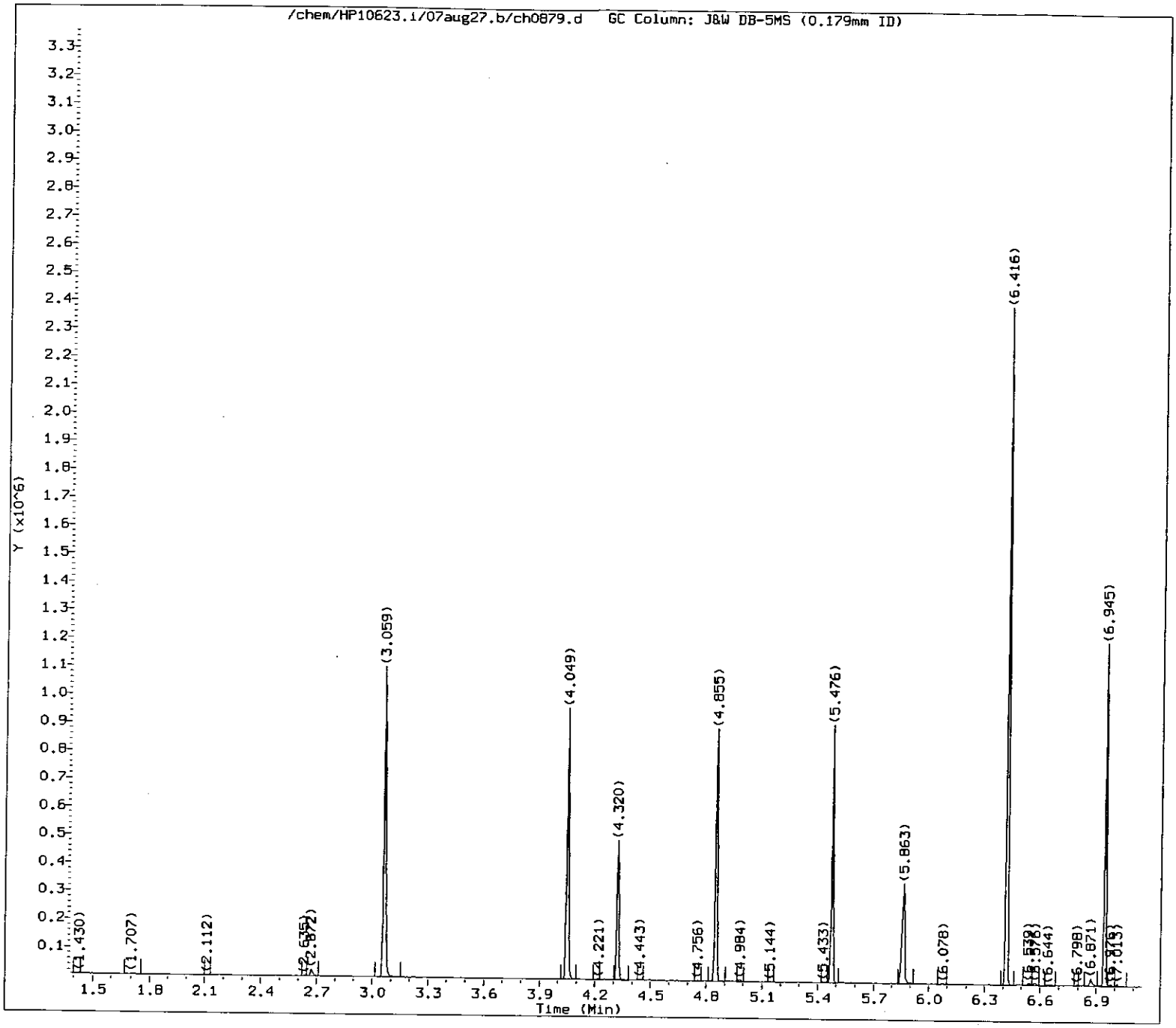
E = CONC. OUT OF CAL. RANGE # = RELATIVE RETENTION TIME OUT OF RANGE

Total number of targets = 64

Comments:

Analyst: Valentine 8/29/07
Auditor: Michelle Smith Date: 8/30/07

8458



Quant Report

Target Revision 3.5

Data File: /chem/HP10623.i/07aug27.b/ch0879.d
Injection date and time: 28-AUG-2007 02:13

Instrument ID: HP10623.i
Analyst ID: lmh00956

Method used: /chem/HP10623.i/07aug27.b/m8270.m
Calibration date and time: 28-AUG-2007 19:17

Sublist used: WTC8

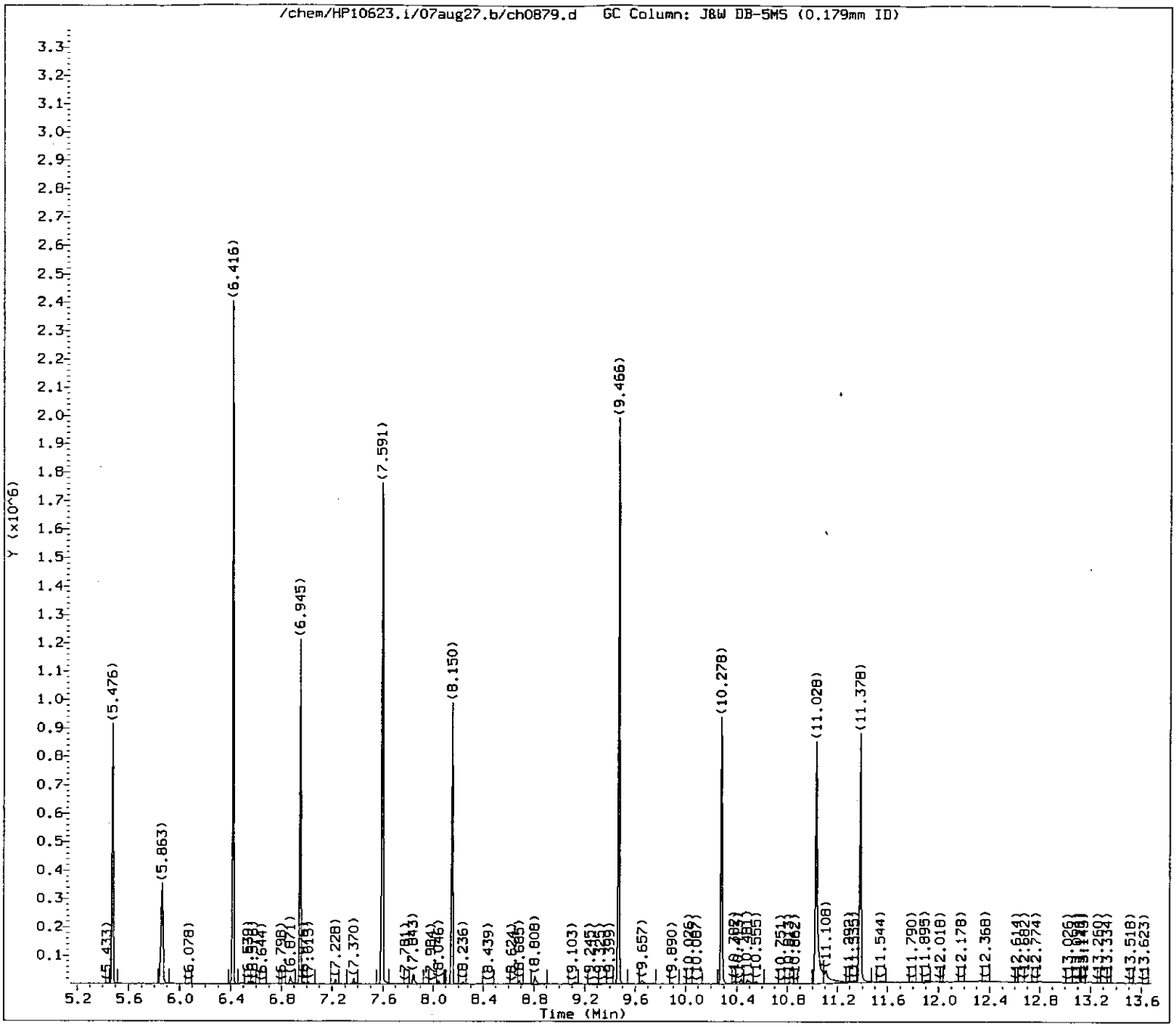
Date, time and analyst ID of latest file update: 28-Aug-2007 19:39 lmh00956

Sample Name: DC--1

Lab Sample ID: 5136511

0451

LMH 8/28/07



Quant Report

Target Revision 3.5

Data File: /chem/HP10623.i/07aug27.b/ch0879.d Instrument ID: HP10623.i
Injection date and time: 28-AUG-2007 02:13 Analyst ID: lmh00956

Method used: /chem/HP10623.i/07aug27.b/m8270.m Sublist used: WTC8
Calibration date and time: 28-AUG-2007 19:17
Date, time and analyst ID of latest file update: 28-Aug-2007 19:39 lmh00956

Sample Name: DC--1 Lab Sample ID: 5136511

8452

lmh 8/28/07

Quant Report

Target Revision 3.5

Data File: /chem/HP10623.i/07aug27.b/ch0879.d Instrument ID: HP10623.i
Injection date and time: 28-AUG-2007 02:13 Analyst ID: lmh00956

Method used: /chem/HP10623.i/07aug27.b/m8270.m Sublist used: WTC8
Calibration date and time: 28-AUG-2007 19:17
Date, time and analyst ID of latest file update: 28-Aug-2007 19:39 lmh00956

Sample Name: DC--1 Lab Sample ID: 5136511

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
21) 1,4-Dichlorobenzene-d4	(1)	4.320	152	67663	40.0000
46) Naphthalene-d8	(2)	5.476	136	296180	40.0000
82) Acenaphthene-d10	(3)	6.945	164	184616	40.0000
120) Phenanthrene-d10	(4)	8.150	188	326789	40.0000
149) Chrysene-d12	(5)	10.278	240	291348	40.0000
161) Perylene-d12	(6)	11.378	264	258185	40.0000
9) 2-Fluorophenol	(1)	3.059	112	306060	128.6609
14) Phenol-d6	(1)	4.049	99	289479	92.6875
35) Nitrobenzene-d5	(2)	4.855	82	253494	98.4823
66) 2-Fluorobiphenyl	(3)	6.416	172	526315	91.9170
104) 2,4,6-Tribromophenol	(3)	7.597	330	232486	215.2340
138) Terphenyl-d14	(5)	9.466	244	533151	81.1811

M = Compound was manually integrated. A = User selected an alternate hit

Standards Data

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Instrument ID: HP10623 Calibration Date(s): 08/22/07 08/22/07

Calibration Times: 10:29 12:16

Min $\overline{RRF}$ for SPCC(#) = 0.050 Max %RSD for CCC(*) = 30%

LAB FILE ID: RRF5 = ch0684.d RRF15 = ch0685.d RRF30 = ch0683.d
RRF50 = ch0682.d RRF80 = ch0686.d RRF120 = ch0687.d

	COMPOUND	RRF5	RRF15	RRF30	RRF50	RRF80	RRF120	RRF	$\overline{RRF}$	% RSD	CAL. METHOD	
	1,4-Dioxane								0.000	0	AVG	
	N-Nitrosodimethylamine	0.773	0.761	0.834	0.952	0.868	0.934		0.854	9	AVG	
	Pyridine	1.487	1.515	1.714	1.535	1.557	1.568		1.563	5	AVG	
	2-Picoline	1.498	1.466	1.535	1.675	1.704	1.719		1.599	7	AVG	
*	Phenol	1.975	1.893	1.945	2.053	2.038	2.051		1.993	3	AVG	*
	Aniline	2.514	2.380	2.497	2.541	2.500	2.440		2.479	2	AVG	
	bis(2-Chloroethyl)ether	1.525	1.483	1.545	1.594	1.580	1.543		1.545	3	AVG	
	2-Chlorophenol	1.494	1.450	1.493	1.600	1.565	1.554		1.526	4	AVG	
	1,3-Dichlorobenzene	1.605	1.488	1.592	1.629	1.602	1.595		1.585	3	AVG	
*	1,4-Dichlorobenzene	1.696	1.508	1.628	1.643	1.646	1.626		1.625	4	AVG	*
	Benzyl alcohol	1.084	1.096	1.066	1.086	1.114	1.144		1.098	3	AVG	
	1,2-Dichlorobenzene	1.604	1.473	1.558	1.584	1.578	1.575		1.562	3	AVG	
	2-Methylphenol	1.461	1.464	1.522	1.564	1.572	1.542		1.521	3	AVG	
	2,2'-oxybis(1-Chloropropane)	1.291	1.257	1.319	1.341	1.310	1.272		1.298	2	AVG	
	bis(2-Chloroisopropyl)ether	1.291	1.257	1.319	1.341	1.310	1.272		1.298	2	AVG	
	Acetophenone	2.251	2.227	2.259	2.327	2.291	2.270		2.271	2	AVG	
#	N-Nitroso-di-n-propylamine	1.091	1.095	1.123	1.168	1.131	1.089		1.116	3	AVG	#
	4-Methylphenol	1.524	1.730	1.735	1.806	1.759	1.715		1.711	6	AVG	
	o-Toluidine	2.575	2.517	2.578	2.614	2.571	2.500		2.559	2	AVG	
	Hexachloroethane	0.589	0.539	0.601	0.596	0.597	0.601		0.587	4	AVG	
	Nitrobenzene	0.359	0.333	0.365	0.364	0.367	0.362		0.358	3	AVG	
	Isophorone	0.725	0.661	0.718	0.725	0.715	0.708		0.709	3	AVG	
*	2-Nitrophenol	0.178	0.170	0.184	0.193	0.191	0.192		0.185	5	AVG	*
	2,4-Dimethylphenol	0.338	0.336	0.364	0.377	0.369	0.358		0.357	5	AVG	
	bis(2-Chloroethoxy)methane	0.402	0.366	0.390	0.393	0.393	0.380		0.388	3	AVG	
	Benzoic acid	0.245	0.248	0.246	0.246	0.271	0.283		0.257	6	AVG	
*	2,4-Dichlorophenol	0.294	0.284	0.302	0.305	0.304	0.303		0.299	3	AVG	*
	1,2,4-Trichlorobenzene	0.311	0.275	0.306	0.303	0.303	0.301		0.300	4	AVG	
	Naphthalene	1.078	0.998	1.063	1.064	1.057	1.031		1.049	3	AVG	
	4-Chloroaniline	0.449	0.431	0.448	0.461	0.445	0.401		0.439	5	AVG	
	2,6-Dichlorophenol	0.289	0.270	0.297	0.299	0.287	0.277		0.287	4	AVG	
*	Hexachlorobutadiene	0.155	0.138	0.150	0.150	0.150	0.150		0.149	4	AVG	*
	Quinoline	0.729	0.685	0.719	0.740	0.732	0.726		0.722	3	AVG	
	Caprolactam	0.126	0.118	0.126	0.130	0.133	0.130		0.127	4	AVG	
*	4-Chloro-3-methylphenol	0.332	0.314	0.336	0.342	0.343	0.333		0.333	3	AVG	*
	2-Methylnaphthalene	0.741	0.697	0.751	0.751	0.749	0.714		0.734	3	AVG	
	1-Methylnaphthalene	0.700	0.673	0.714	0.732	0.712	0.689		0.703	3	AVG	
#	Hexachlorocyclopentadiene	0.053	0.079	0.117	0.141	0.163	0.189		0.124	42	1STDEG	#
	1,2,4,5-Tetrachlorobenzene	0.467	0.429	0.467	0.456	0.467	0.475		0.460	4	AVG	
*	2,4,6-Trichlorophenol	0.327	0.308	0.347	0.339	0.354	0.355		0.338	5	AVG	*
	2,4,5-Trichlorophenol	0.372	0.349	0.394	0.385	0.404	0.413		0.386	6	AVG	
	Biphenyl	1.475	1.383	1.462	1.422	1.425	1.349		1.420	3	AVG	
	Diphenyl	1.475	1.383	1.462	1.422	1.425	1.349		1.420	3	AVG	
	1,1'-Biphenyl	1.475	1.383	1.462	1.422	1.425	1.349		1.420	3	AVG	
	2-Chloronaphthalene	1.407	1.330	1.558	1.422	1.355	1.512		1.431	6	AVG	
	1-Chloronaphthalene	1.291	1.296	1.110	1.181	1.306	1.091		1.213	8	AVG	
	Diphenyl ether	0.805	0.736	0.810	0.774	0.798	0.795		0.786	3	AVG	
	2-Nitroaniline	0.377	0.378	0.419	0.419	0.428	0.431		0.409	6	AVG	
	Dimethylphthalate	1.315	1.242	1.380	1.315	1.352	1.296		1.317	4	AVG	
	2,6-Dinitrotoluene	0.302	0.292	0.325	0.320	0.326	0.319		0.314	4	AVG	
	Acenaphthylene	1.594	1.534	1.687	1.638	1.701	1.664		1.636	4	AVG	
	3-Nitroaniline	0.344	0.324	0.358	0.348	0.373	0.362		0.352	5	AVG	

8455

FORM VI SV-1

mm1988 08/22/07

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Instrument ID: HP10623 Calibration Date(s): 08/22/07 08/22/07

Calibration Times: 10:29 12:16

Min $\overline{RRF}$ for SPCC(#) = 0.050 Max %RSD for CCC(*) = 30%

LAB FILE ID: RRF5 = ch0684.d RRF15 = ch0685.d RRF30 = ch0683.d
RRF50 = ch0682.d RRF80 = ch0686.d RRF120 = ch0687.d

	COMPOUND	RRF5	RRF15	RRF30	RRF50	RRF80	RRF120	RRF	$\overline{RRF}$	% RSD	CAL. METHOD	
	Acenaphthene	1.142	1.069	1.163	1.138	1.165	1.161		1.140	3	AVG	*
#	2,4-Dinitrophenol	0.112	0.126	0.140	0.149	0.165	0.187		0.147	18	1STDEG	#
	Pentachlorobenzene	0.460	0.420	0.455	0.448	0.460	0.448		0.449	3	AVG	
#	4-Nitrophenol	0.168	0.162	0.182	0.178	0.184	0.200		0.179	7	AVG	#
	Dibenzofuran	1.691	1.546	1.654	1.601	1.631	1.546		1.612	4	AVG	
	2,4-Dinitrotoluene	0.396	0.382	0.423	0.424	0.428	0.446		0.416	6	AVG	
	1-Naphthylamine	1.025	1.104	1.233	1.191	1.208	1.035		1.133	8	AVG	
	2,3,4,6-Tetrachlorophenol	0.273	0.255	0.287	0.284	0.296	0.294		0.282	6	AVG	
	2-Naphthylamine	1.132	1.116	1.269	1.246	1.228	0.934		1.154	11	AVG	
	Diethylphthalate	1.356	1.271	1.368	1.346	1.380	1.364		1.348	3	AVG	
	Fluorene	1.340	1.249	1.371	1.340	1.358	1.387		1.341	4	AVG	
	4-Chlorophenyl-phenylether	0.600	0.560	0.610	0.589	0.592	0.583		0.589	3	AVG	
	4-Nitroaniline	0.371	0.357	0.389	0.382	0.393	0.389		0.380	4	AVG	
	4,6-Dinitro-2-methylphenol	0.102	0.099	0.116	0.127	0.127	0.128		0.116	11	AVG	
*	N-Nitrosodiphenylamine (1)	0.536	0.521	0.546	0.557	0.542	0.518		0.536	3	AVG	*
	1,2-Diphenylhydrazine	0.693	0.661	0.707	0.731	0.706	0.695		0.699	3	AVG	
	Phorate	0.533	0.522	0.585	0.612	0.432	0.395		0.513	17	AVG	
	4-Bromophenyl-phenylether	0.208	0.195	0.201	0.202	0.196	0.185		0.198	4	AVG	
	Hexachlorobenzene	0.246	0.224	0.237	0.236	0.235	0.224		0.234	4	AVG	
*	Pentachlorophenol	0.119	0.123	0.137	0.139	0.141	0.142		0.133	8	AVG	*
	Phenanthrene	1.103	1.045	1.097	1.089	1.062	1.003		1.067	4	AVG	
	Dinoseb	0.096	0.122	0.157	0.171	0.181	0.181		0.151	23	1STDEG	
	Anthracene	1.137	1.060	1.132	1.139	1.101	1.058		1.104	3	AVG	
	Carbazole	1.010	0.933	1.021	1.016	1.027	1.001		1.001	3	AVG	
	Methyl parathion	0.223	0.219	0.239	0.245	0.220	0.197		0.224	8	AVG	
	Ronnel	0.299	0.290	0.302	0.302	0.294	0.261		0.291	5	AVG	
	Di-n-butylphthalate	1.235	1.207	1.296	1.286	1.259	1.223		1.251	3	AVG	
	Parathion	0.137	0.137	0.158	0.156	0.155	0.149		0.149	6	AVG	
*	Fluoranthene	1.189	1.102	1.219	1.172	1.152	1.104		1.156	4	AVG	*
	Benzidine	0.690	0.745	0.816	0.816	0.785	0.758		0.768	6	AVG	
	Pyrene	1.256	1.227	1.302	1.352	1.358	1.429		1.321	6	AVG	
	Butylbenzylphthalate	0.587	0.595	0.633	0.663	0.685	0.696		0.643	7	AVG	
	3,3'-Dichlorobenzidine	0.437	0.432	0.476	0.479	0.484	0.481		0.465	5	AVG	
	Benzo(a)anthracene	1.102	1.042	1.124	1.142	1.156	1.184		1.125	4	AVG	
	Hexabromobenzene	0.012	0.010	0.013	0.013	0.013	0.015		0.013	14	AVG	
	4,4'-Methylenebis(2-Chloroanil	0.233	0.225	0.233	0.241	0.246	0.258		0.240	5	AVG	
	Chrysene	1.117	1.066	1.168	1.146	1.164	1.191		1.142	4	AVG	
	bis(2-Ethylhexyl)phthalate	0.826	0.826	0.899	0.926	0.956	1.001		0.906	8	AVG	
	6-Methylchrysene	0.814	0.805	0.880	0.908	0.906	0.949		0.877	6	AVG	
*	Di-n-octylphthalate	1.472	1.411	1.639	1.671	1.660	1.633		1.581	7	AVG	*
	7,12-Dimethylbenz[a]anthracene	0.440	0.580	0.660	0.651	0.646	0.635		0.602	14	AVG	
	Benzo(b)fluoranthene	1.308	1.238	1.420	1.293	1.438	1.332		1.338	6	AVG	
	Benzo(k)fluoranthene	1.379	1.347	1.392	1.475	1.368	1.316		1.379	4	AVG	
*	Benzo(a)pyrene	1.211	1.216	1.300	1.288	1.320	1.300		1.273	4	AVG	*
	3-Methylcholanthrene	0.685	0.652	0.727	0.736	0.734	0.713		0.708	5	AVG	
	Dibenz(a,h)acridine	0.955	0.966	1.074	1.072	1.130	1.108		1.051	7	AVG	
	Dibenz(a,j)acridine	1.156	1.048	1.168	1.178	1.169	1.173		1.149	4	AVG	
	Indeno(1,2,3-cd)pyrene	1.534	1.410	1.582	1.579	1.599	1.577		1.547	5	AVG	
	Dibenz(a,h)anthracene	1.232	1.141	1.258	1.251	1.280	1.229		1.232	4	AVG	
	Benzo(g,h,i)perylene	1.307	1.208	1.321	1.331	1.354	1.334		1.309	4	AVG	
	2-Fluorophenol	1.364	1.293	1.414	1.442	1.465	1.460		1.406	5	AVG	
	Phenol-d5	1.803	1.770	1.853	1.891	1.895	1.866		1.846	3	AVG	

(1) Cannot be separated from Diphenylamine

8456

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Instrument ID: HP10623 Calibration Date(s): 08/22/07 08/22/07

Calibration Times: 10:29 12:16

Min $\overline{RRF}$ for SPCC(#) = 0.050 Max %RSD for CCC(*) = 30%

LAB FILE ID: RRF5 = ch0684.d RRF15 = ch0685.d RRF30 = ch0683.d
RRF50 = ch0682.d RRF80 = ch0686.d RRF120 = ch0687.d

COMPOUND	RRF5	RRF15	RRF30	RRF50	RRF80	RRF120	RRF	$\overline{RRF}$	% RSD	CAL. METHOD
Phenol-d6	1.803	1.770	1.853	1.891	1.895	1.866		1.846	3	AVG
Nitrobenzene-d5	0.348	0.329	0.350	0.351	0.353	0.354		0.348	3	AVG
2-Fluorobiphenyl	1.230	1.178	1.271	1.245	1.263	1.257		1.241	3	AVG
2,4,6-Tribromophenol	0.226	0.210	0.229	0.242	0.242	0.255		0.234	7	AVG
Terphenyl-d14	0.848	0.822	0.904	0.920	0.934	0.981		0.902	6	AVG
							Average %RSD		5	

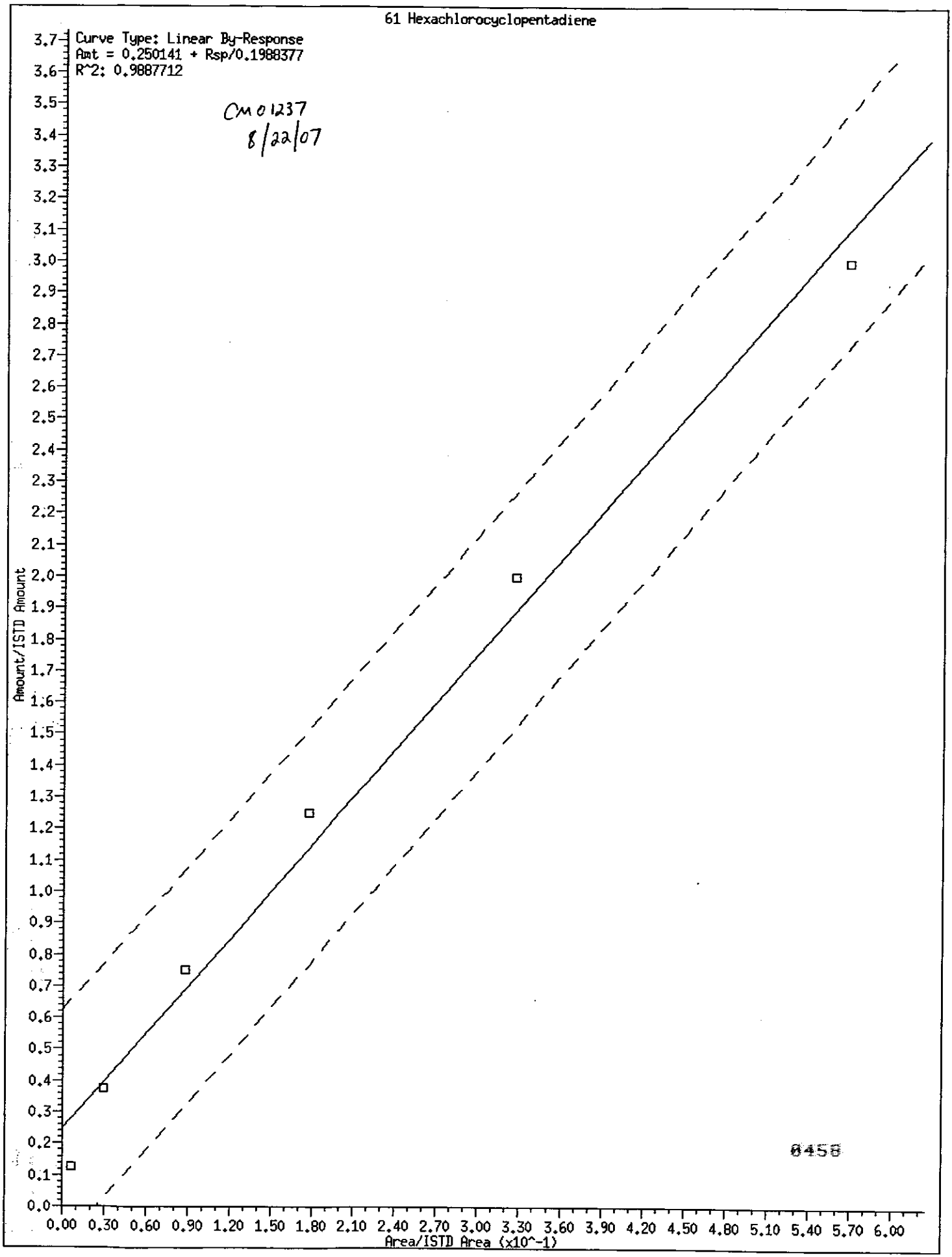
4,6-Dinitro-2-methylphenol and 4-Nitrophenol are at 10 ng/ul in the 5 standard.

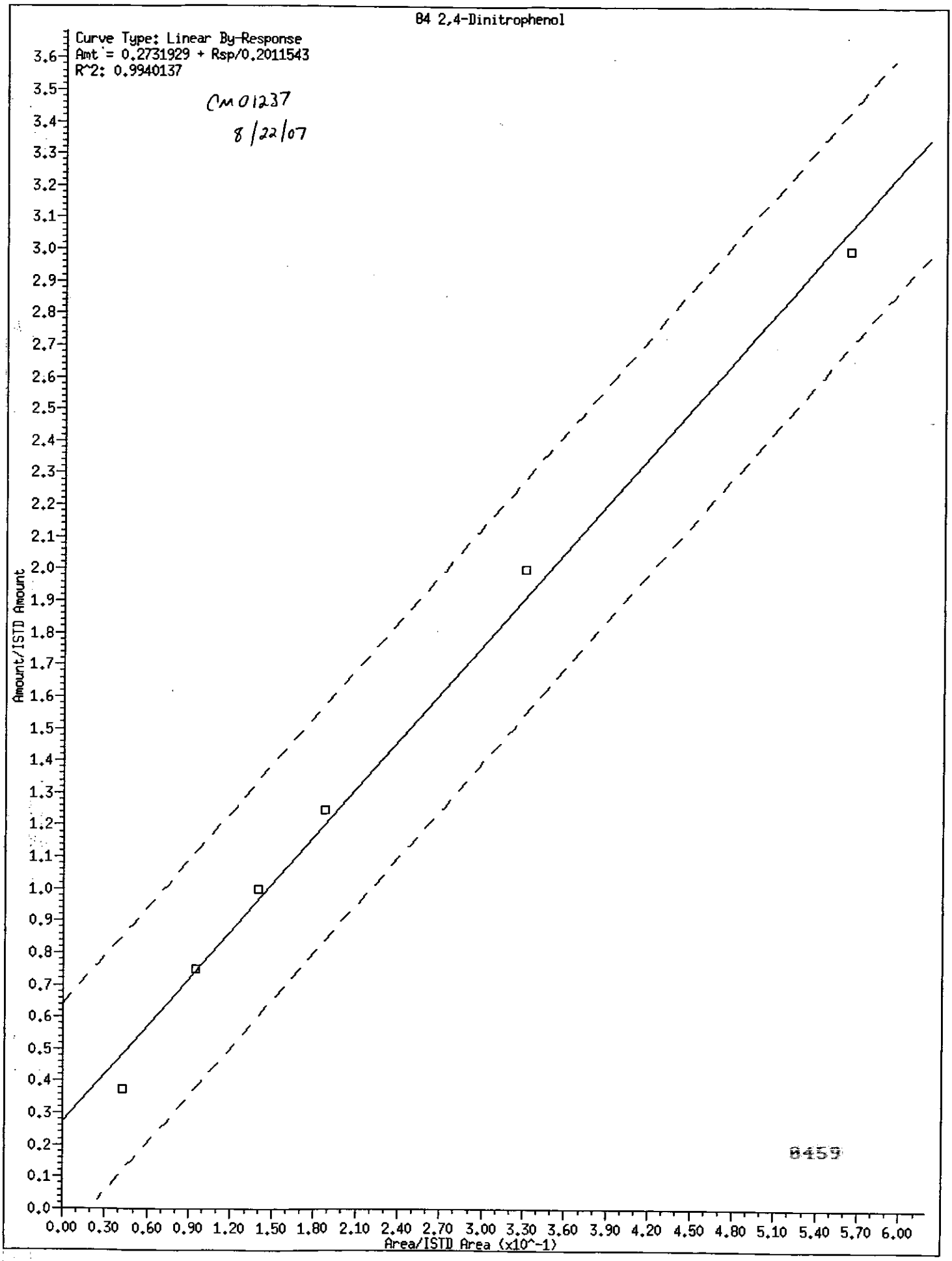
Benzoic acid, Pentachlorophenol and 2,4-Dinitrophenol are at 15 ng/ul in the 5 standard.

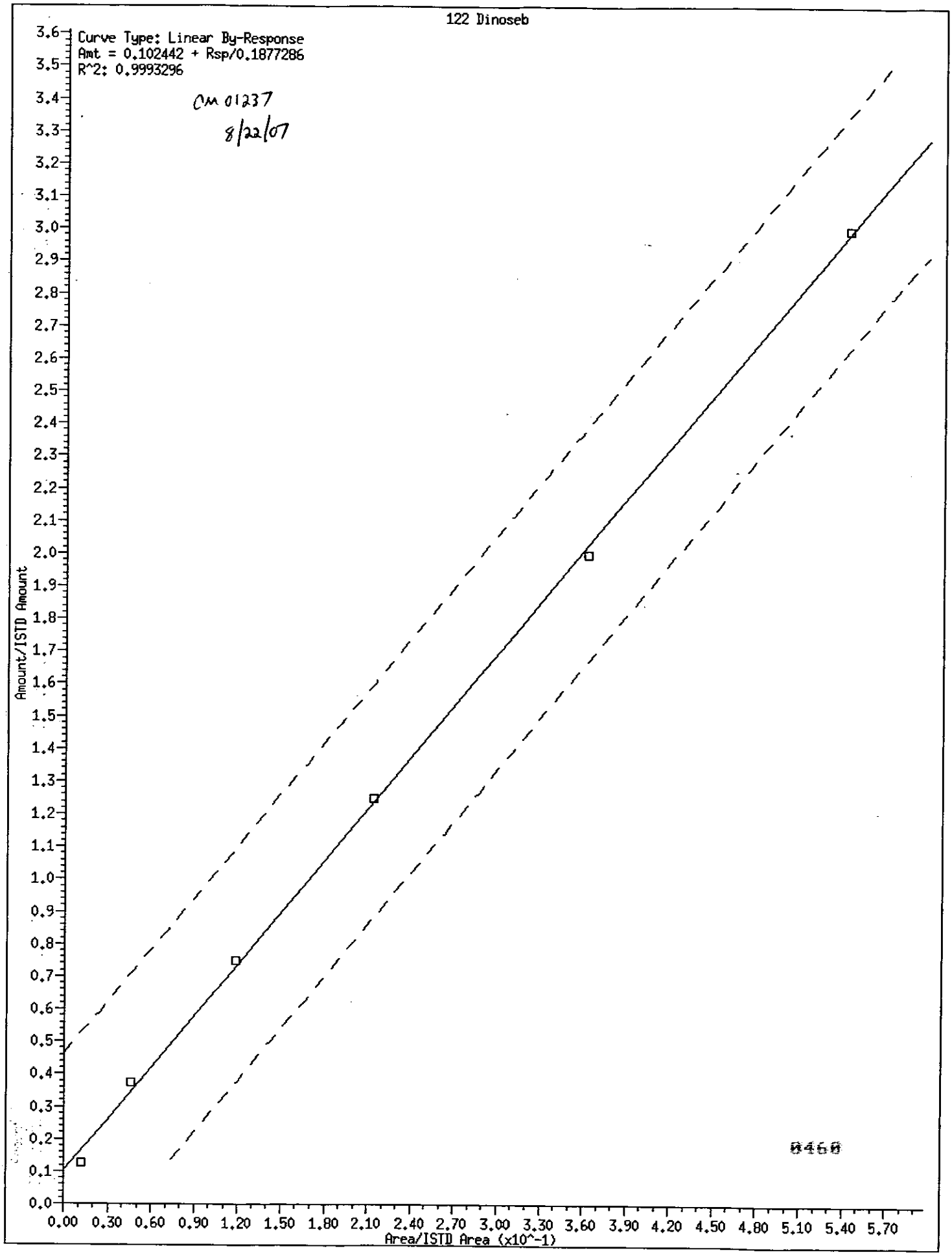
Benzidine Levels in the 5,15,30,50,80,120 standards are 15,45,90,150,240,360 ng/ul, respectively.

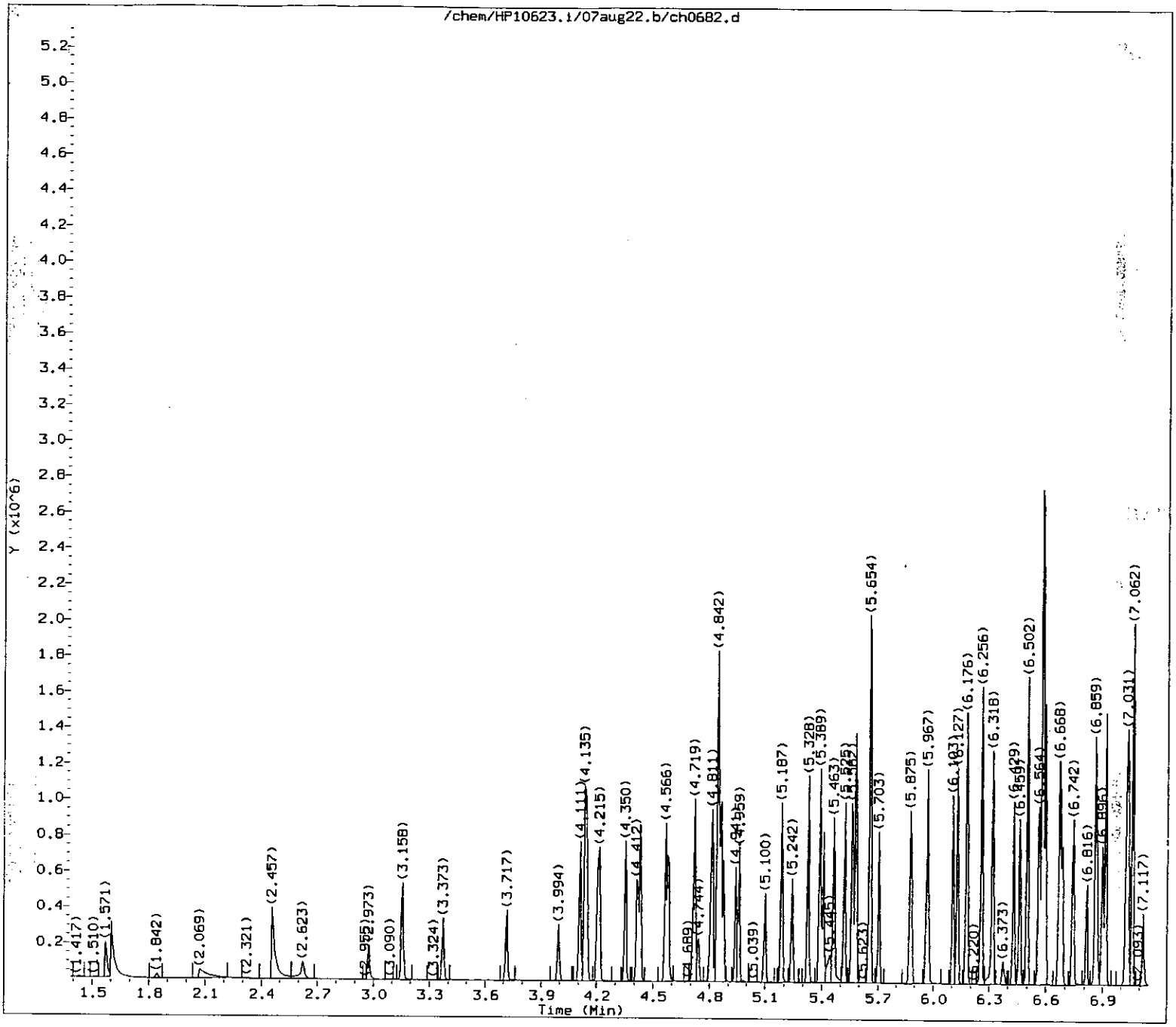
Benzoic acid, Pentachlorophenol and 2,4-Dinitrophenol are at 15 ng/ul, 30 ng/ul,40 ng/ul in the 5 ,15, 30 standards.

8457


61 Hexachlorocyclopentadiene
Curve Type: Linear By-Response
Amt = 0.250141 + Rsp/0.1988377
R^2: 0.9887712
CM01237
8/22/07
Amount/ISTD Amount
Area/ISTD Area (x10^-1)
0.0 0.1 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9 1.0 1.1 1.2 1.3 1.4 1.5 1.6 1.7 1.8 1.9 2.0 2.1 2.2 2.3 2.4 2.5 2.6 2.7 2.8 2.9 3.0 3.1 3.2 3.3 3.4 3.5 3.6 3.7
0.00 0.30 0.60 0.90 1.20 1.50 1.80 2.10 2.40 2.70 3.00 3.30 3.60 3.90 4.20 4.50 4.80 5.10 5.40 5.70 6.00
0458


84 2,4-Dinitrophenol
Curve Type: Linear By-Response
Amt = 0.2731929 + Rsp/0.2011543
R^2: 0.9940137
CM01237
8/22/07
Amount/ISTD Amount
Area/ISTD Area (x10^-1)
0.0 0.1 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9 1.0 1.1 1.2 1.3 1.4 1.5 1.6 1.7 1.8 1.9 2.0 2.1 2.2 2.3 2.4 2.5 2.6 2.7 2.8 2.9 3.0 3.1 3.2 3.3 3.4 3.5 3.6
0.00 0.30 0.60 0.90 1.20 1.50 1.80 2.10 2.40 2.70 3.00 3.30 3.60 3.90 4.20 4.50 4.80 5.10 5.40 5.70 6.00
8459


122 Dinoseb
Curve Type: Linear By-Response
Amt = 0.102442 + Rsp/0.1877286
R^2: 0.9993296
CM 01237
8/22/07
Amount/ISTD Amount
Area/ISTD Area (x10^-1)
0.0 0.1 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9 1.0 1.1 1.2 1.3 1.4 1.5 1.6 1.7 1.8 1.9 2.0 2.1 2.2 2.3 2.4 2.5 2.6 2.7 2.8 2.9 3.0 3.1 3.2 3.3 3.4 3.5 3.6
0.00 0.30 0.60 0.90 1.20 1.50 1.80 2.10 2.40 2.70 3.00 3.30 3.60 3.90 4.20 4.50 4.80 5.10 5.40 5.70
8468



Quant Report

Target Revision 3.5

Data File: /chem/HP10623.i/07aug22.b/ch0682.d
Injection date and time: 22-AUG-2007 10:29

Instrument ID: HP10623.i
Analyst ID: cam01237

Method used: /chem/HP10623.i/07aug22.b/m8270.m
Calibration date and time: 22-AUG-2007 12:41

Sublist used: all1

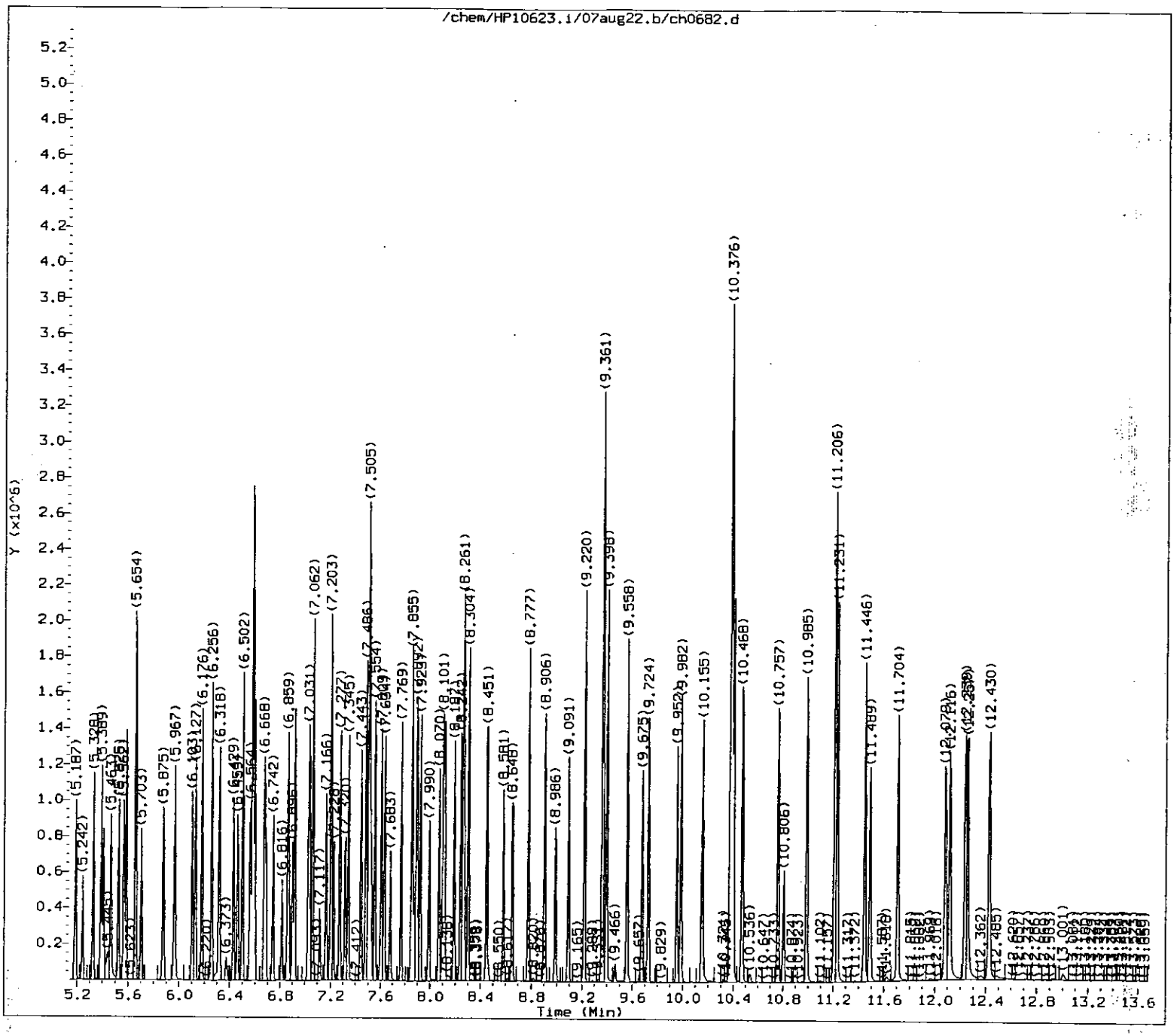
Date, time and analyst ID of latest file update: 22-Aug-2007 12:41 cam01237

Sample Name: SSTD050

Lab Sample ID: STD2187

CM 012~~3461~~

8-22-07



Quant Report

Target Revision 3.5

Data File: /chem/HP10623.i/07aug22.b/ch0682.d
Injection date and time: 22-AUG-2007 10:29

Instrument ID: HP10623.i
Analyst ID: cam01237

Method used: /chem/HP10623.i/07aug22.b/m8270.m
Calibration date and time: 22-AUG-2007 12:41

Sublist used: all1

Date, time and analyst ID of latest file update: 22-Aug-2007 12:41 cam01237

Sample Name: SSTD050

Lab Sample ID: STD2187

8463
cm 01237

8-22-07

Quant Report

Target Revision 3.5

Data File: /chem/HP10623.i/07aug22.b/ch0682.d Instrument ID: HP10623.i
Injection date and time: 22-AUG-2007 10:29 Analyst ID: cam01237

Method used: /chem/HP10623.i/07aug22.b/m8270.m Sublist used: all1
Calibration date and time: 22-AUG-2007 12:41
Date, time and analyst ID of latest file update: 22-Aug-2007 12:41 cam01237

Sample Name: SSTD050 Lab Sample ID: STD2187

	Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
2)	N-Nitrosodimethylamine	(1)	1.571	74	95959	55.7333
3)	Pyridine	(1)	1.602	79	154817	49.1246
5)	2-Picoline	(1)	2.457	93	168900	52.3612
15)	Phenol	(1)	4.147	94	207044	51.5161
16)	Aniline	(1)	4.111	93	256256	51.2547
18)	bis(2-Chloroethyl)ether	(1)	4.203	93	160749	51.5891
19)	2-Chlorophenol	(1)	4.215	128	161371	52.4323
20)	1,3-Dichlorobenzene	(1)	4.350	146	164270	51.3848
21)	1,4-Dichlorobenzene-d4	(1)	4.412	152	80675	40.0000
22)	1,4-Dichlorobenzene	(1)	4.430	146	165687	50.5660
23)	Benzyl alcohol	(1)	4.584	108	109513	49.4371
24)	1,2-Dichlorobenzene	(1)	4.566	146	159784	50.7186
25)	2-Methylphenol	(1)	4.719	108	157757	51.4319
26)	2,2'-oxybis(1-Chloropropane)	(1)	4.719	45	135240	51.6306
27)	bis(2-Chloroisopropyl)ether	(1)	4.719	45	135240	51.6306
29)	Acetophenone	(1)	4.811	105	234653	51.2301
30)	N-Nitroso-di-n-propylamine	(1)	4.842	70	117825	52.3284
31)	4-Methylphenol	(1)	4.861	108	182075	52.7514
33)	o-Toluidine	(1)	4.842	106	263586	51.0644
34)	Hexachloroethane	(1)	4.873	117	60053	50.7273
36)	Nitrobenzene	(2)	4.959	77	167103	50.7715
38)	Isophorone	(2)	5.187	82	332942	51.1293
39)	2-Nitrophenol	(2)	5.242	139	88735	52.2569
40)	2,4-Dimethylphenol	(2)	5.328	107	173331	52.8592
42)	bis(2-Chloroethoxy)methane	(2)	5.408	93	180706	50.7397
43)	Benzoic acid	(2)	5.445	105	113125	47.9884
44)	2,4-Dichlorophenol	(2)	5.463	162	140182	51.0849
45)	1,2,4-Trichlorobenzene	(2)	5.525	180	139121	50.5115
46)	Naphthalene-d8	(2)	5.562	136	367579	40.0000
47)	Naphthalene	(2)	5.580	128	488743	50.7210
48)	4-Chloroaniline	(2)	5.654	127	211950	52.5156
49)	2,6-Dichlorophenol	(2)	5.654	162	137302	52.1558
51)	Hexachlorobutadiene	(2)	5.703	225	68750	50.2781
52)	Quinoline	(2)	5.875	129	340034	51.2623
53)	Caprolactam	(2)	5.974	113	59505	51.0017
55)	4-Chloro-3-methylphenol	(2)	6.103	107	157082	51.2746
58)	2-Methylnaphthalene	(2)	6.176	142	345071	51.1725
60)	1-Methylnaphthalene	(2)	6.256	142	336277	52.0246
61)	Hexachlorocyclopentadiene	(3)	6.312	237	42394	56.9545
62)	1,2,4,5-Tetrachlorobenzene	(3)	6.318	216	137598	49.5887
64)	2,4,6-Trichlorophenol	(3)	6.429	196	102077	50.0229
65)	2,4,5-Trichlorophenol	(3)	6.459	196	115932	49.8106
68)	Biphenyl	(3)	6.576	154	428694	50.0883

M = Compound was manually integrated. A = User selected an alternate hit

Quant Report

Target Revision 3.5

Data File: /chem/HP10623.i/07aug22.b/ch0682.d Instrument ID: HP10623.i
Injection date and time: 22-AUG-2007 10:29 Analyst ID: cam01237

Method used: /chem/HP10623.i/07aug22.b/m8270.m Sublist used: all1
Calibration date and time: 22-AUG-2007 12:41
Date, time and analyst ID of latest file update: 22-Aug-2007 12:41 cam01237

Sample Name: SSTD050 Lab Sample ID: STD2187

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
69) Diphenyl	(3)	6.576	154	428694	50.0883
70) 1,1'-Biphenyl	(3)	6.576	154	428694	50.0883
71) 2-Chloronaphthalene	(3)	6.582	162	428807M	49.7120
72) 1-Chloronaphthalene	(3)	6.595	162	355997M	48.6943
73) Diphenyl ether	(3)	6.668	170	233230	49.1947
74) 2-Nitroaniline	(3)	6.687	138	126384	51.2992
77) Dimethylphthalate	(3)	6.859	163	396354	49.9318
79) 2,6-Dinitrotoluene	(3)	6.902	165	96423	50.9377
80) Acenaphthylene	(3)	6.914	152	493812	50.0482
81) 3-Nitroaniline	(3)	7.025	138	104938	49.5153
82) Acenaphthene-d10	(3)	7.037	164	241177	40.0000
83) Acenaphthene	(3)	7.062	153	343003	49.9228
84) 2,4-Dinitrophenol	(3)	7.117	184	45036	50.9555
85) Pentachlorobenzene	(3)	7.173	250	135029	49.9343
86) 4-Nitrophenol	(3)	7.203	109	53790	49.7608
87) Dibenzofuran	(3)	7.203	168	482673	49.6704
88) 2,4-Dinitrotoluene	(3)	7.228	165	127709	50.8723
90) 1-Naphthylamine	(3)	7.277	143	359098	52.5844
91) 2,3,4,6-Tetrachlorophenol	(3)	7.320	232	85728	50.5108
92) 2-Naphthylamine	(3)	7.345	143	375777	53.9971
93) Diethylphthalate	(3)	7.443	149	405834	49.9443
94) Fluorene	(3)	7.486	166	403999	49.9692
96) 4-Chlorophenyl-phenylether	(3)	7.505	204	177464	49.9929
98) 4-Nitroaniline	(3)	7.529	138	115226	50.2589
99) 4,6-Dinitro-2-methylphenol	(4)	7.554	198	67657	54.4619
102) N-Nitrosodiphenylamine	(4)	7.609	169	296930	51.9040
103) 1,2-Diphenylhydrazine	(4)	7.634	77	389672	52.2880
108) Phorate	(4)	7.855	75	326320	59.6172
110) 4-Bromophenyl-phenylether	(4)	7.898	248	107890	51.0819
112) Hexachlorobenzene	(4)	7.923	284	126045	50.5836
116) Pentachlorophenol	(4)	8.101	266	73965	51.9842
120) Phenanthrene-d10	(4)	8.242	188	426683	40.0000
121) Phenanthrene	(4)	8.261	178	580949	51.0600
122) Dinoseb	(4)	8.273	211	91086	56.4973
124) Anthracene	(4)	8.304	178	607453	51.5657
125) Carbazole	(4)	8.451	167	541954	50.7365
126) Methyl parathion	(4)	8.581	109	130869	54.7970
127) Ronnel	(4)	8.654	285	161015	51.7931
128) Di-n-butylphthalate	(4)	8.777	149	686013	51.4118
129) Parathion	(4)	8.906	109	83306	52.4948
134) Fluoranthene	(4)	9.220	202	624827	50.6528
135) Benzidine	(5)	9.361	184	1154695	159.3049
136) Pyrene	(5)	9.398	202	637575	51.1679

M = Compound was manually integrated. A = User selected an alternate hit

Quant Report

Target Revision 3.5

Data File: /chem/HP10623.i/07aug22.b/ch0682.d Instrument ID: HP10623.i
Injection date and time: 22-AUG-2007 10:29 Analyst ID: cam01237

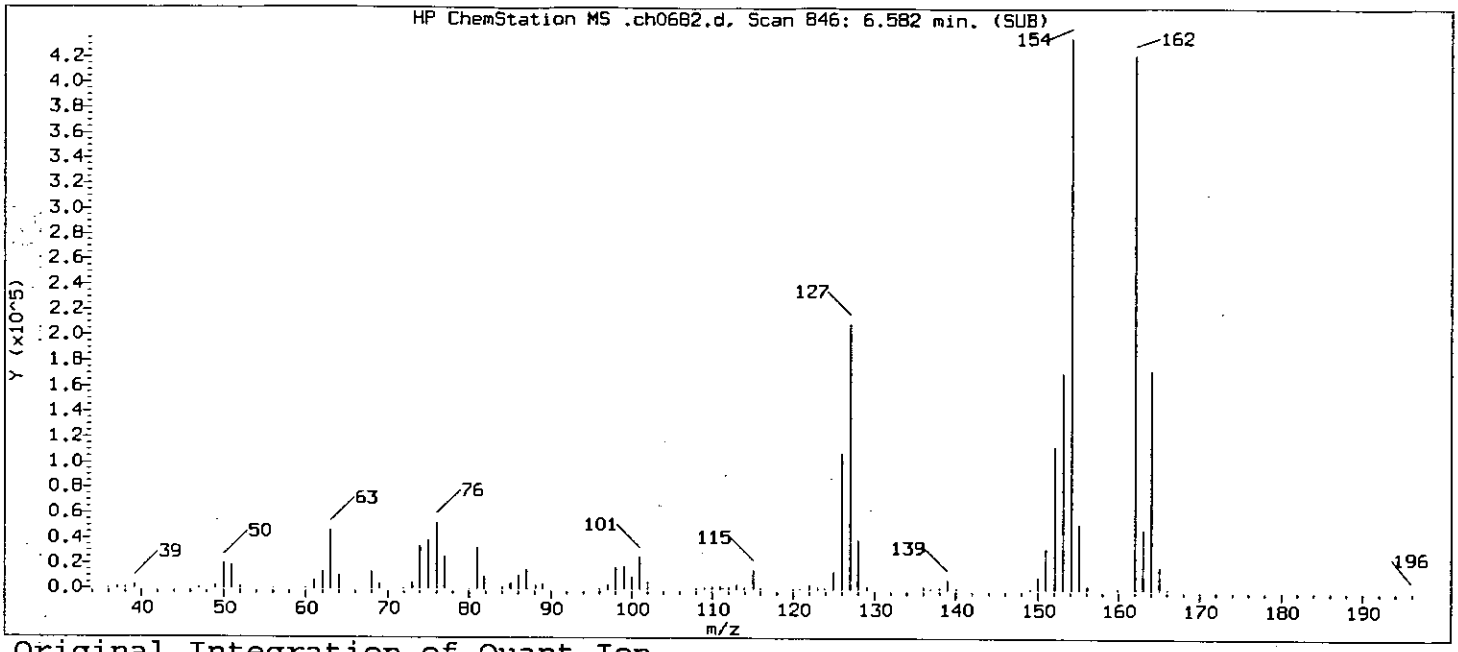
Method used: /chem/HP10623.i/07aug22.b/m8270.m Sublist used: all1
Calibration date and time: 22-AUG-2007 12:41
Date, time and analyst ID of latest file update: 22-Aug-2007 12:41 cam01237

Sample Name: SSTD050 Lab Sample ID: STD2187

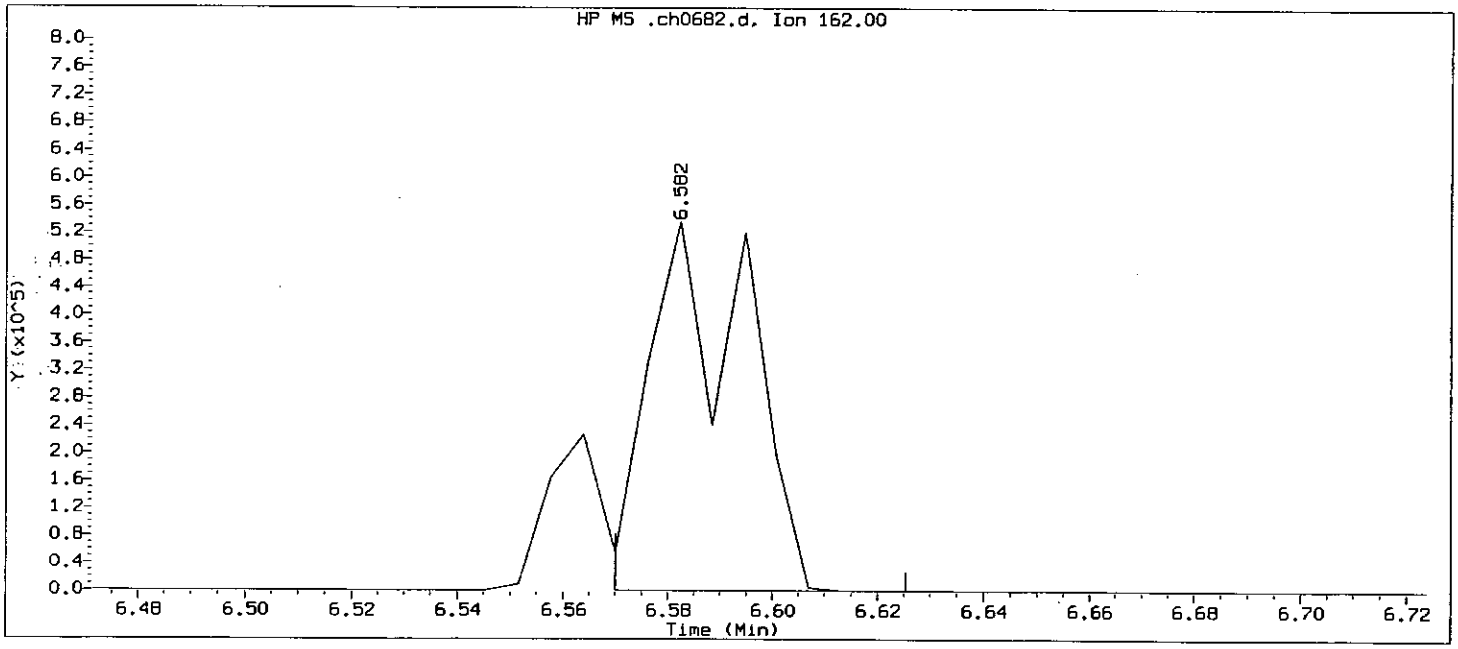
	Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
143)	Butylbenzylphthalate	(5)	9.982	149	312583	51.5193
145)	3,3'-Dichlorobenzidine	(5)	10.376	252	225843	51.4919
146)	Benzo(a)anthracene	(5)	10.370	228	538775	50.7649
147)	Hexabromobenzene	(5)	10.376	552	6093	50.3291
148)	4,4'-Methylenebis(2-Chloroanil	(5)	10.388	231	113878	50.3974
149)	Chrysene-d12	(5)	10.382	240	377379	40.0000
150)	Chrysene	(5)	10.401	228	540433	50.1644
151)	bis(2-Ethylhexyl)phthalate	(5)	10.468	149	436972	51.1331
152)	6-Methylchrysene	(5)	10.763	242	428208	51.7522
156)	Di-n-octylphthalate	(6)	10.985	149	744638	52.8458
157)	7,12-Dimethylbenz[a]anthracene	(6)	11.212	256	290215	54.0938
158)	Benzo(b)fluoranthene	(6)	11.212	252	576052	48.2944
159)	Benzo(k)fluoranthene	(6)	11.231	252	657121	53.4511
160)	Benzo(a)pyrene	(6)	11.446	252	574106	50.6179
161)	Perylene-d12	(6)	11.489	264	356488	40.0000
162)	3-Methylcholanthrene	(6)	11.704	268	327779	51.9710
166)	Dibenz(a,h)acridine	(6)	12.085	279	477531	50.9991
167)	Dibenz(a,j)acridine	(6)	12.116	279	524774	51.2597
168)	Indeno(1,2,3-cd)pyrene	(6)	12.239	276	703726	51.0456
169)	Dibenz(a,h)anthracene	(6)	12.257	278	557380	50.7677
170)	Benzo(g,h,i)perylene	(6)	12.430	276	593141	50.8360
9)	2-Fluorophenol	(1)	3.158	112	145432	51.2758
13)	Phenol-d5	(1)	4.135	99	190646	51.1969
14)	Phenol-d6	(1)	4.135	99	190646	51.1969
35)	Nitrobenzene-d5	(2)	4.941	82	161334	50.5035
66)	2-Fluorobiphenyl	(3)	6.502	172	375432	50.1897
104)	2,4,6-Tribromophenol	(3)	7.683	330	72945	51.6943
138)	Terphenyl-d14	(5)	9.558	244	433861	51.0023

M = Compound was manually integrated. A = User selected an alternate hit

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP10623.i/07aug22.b/ch0682.d Instrument ID: HP10623.i
Injection date and time: 22-AUG-2007 10:29 Analyst ID: cam01237

Method used: /chem/HP10623.i/07aug22.b/m8270.m Sublist used: all1
Calibration date and time: 22-AUG-2007 10:43
Date, time and analyst ID of latest file update: 22-Aug-2007 10:43 Automation

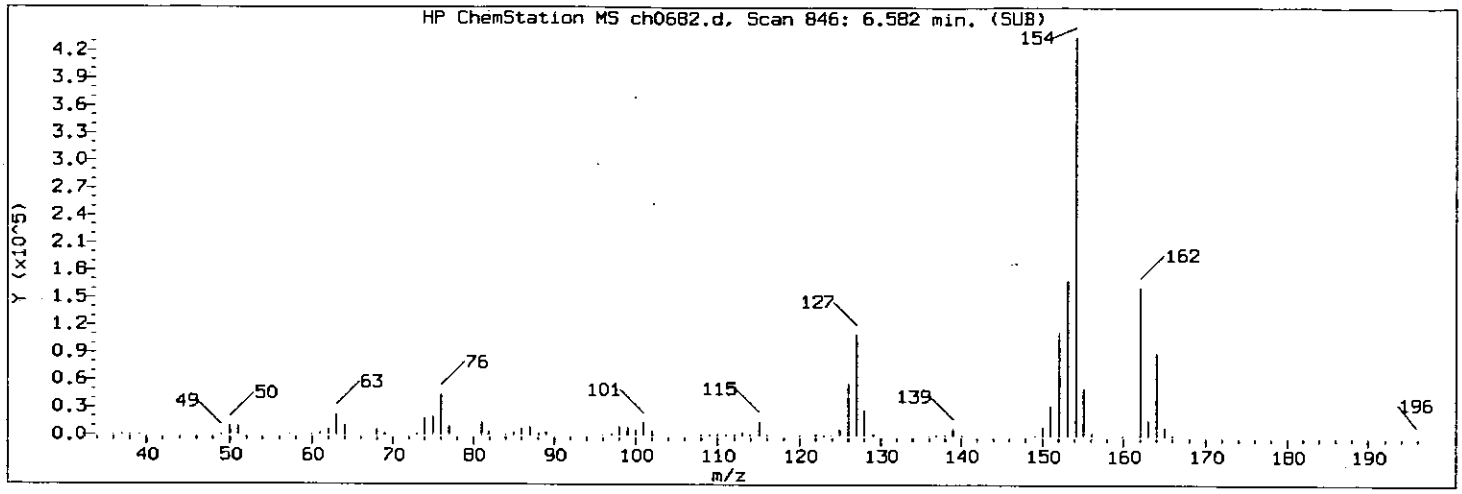
Sample Name: SSTD050 Lab Sample ID: STD2187

Compound Number	:	71
Compound Name	:	2-Chloronaphthalene
Scan Number	:	846
Retention Time (minutes)	:	6.582
Quant Ion	:	162
Area	:	685749
Concentration (ng/ul)	:	85.2424
Integration start scan	:	843
Integration stop scan	:	852
Y at integration start	:	0
Y at integration end	:	0

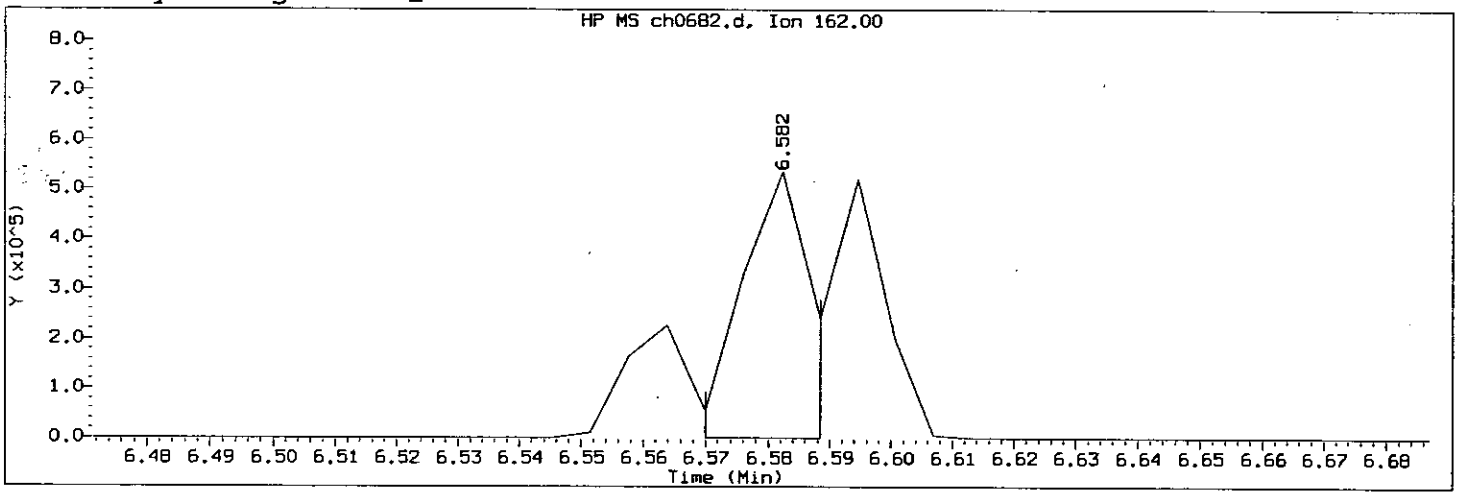
Cm 01237
8/22/07
8466

Original Integration Report for data file /chem/HP10623.i/07aug22.b/ch0682.d, generated on 08/22/2007 at 12:41

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP10623.i/07aug22.b/ch0682.d Instrument ID: HP10623.i
Injection date and time: 22-AUG-2007 10:29 Analyst ID: cam01237

Method used: /chem/HP10623.i/07aug22.b/m8270.m Sublist used: all1
Calibration date and time: 22-AUG-2007 12:41
Date, time and analyst ID of latest file update: 22-Aug-2007 12:41 cam01237

Sample Name: SSTD050 Lab Sample ID: STD2187

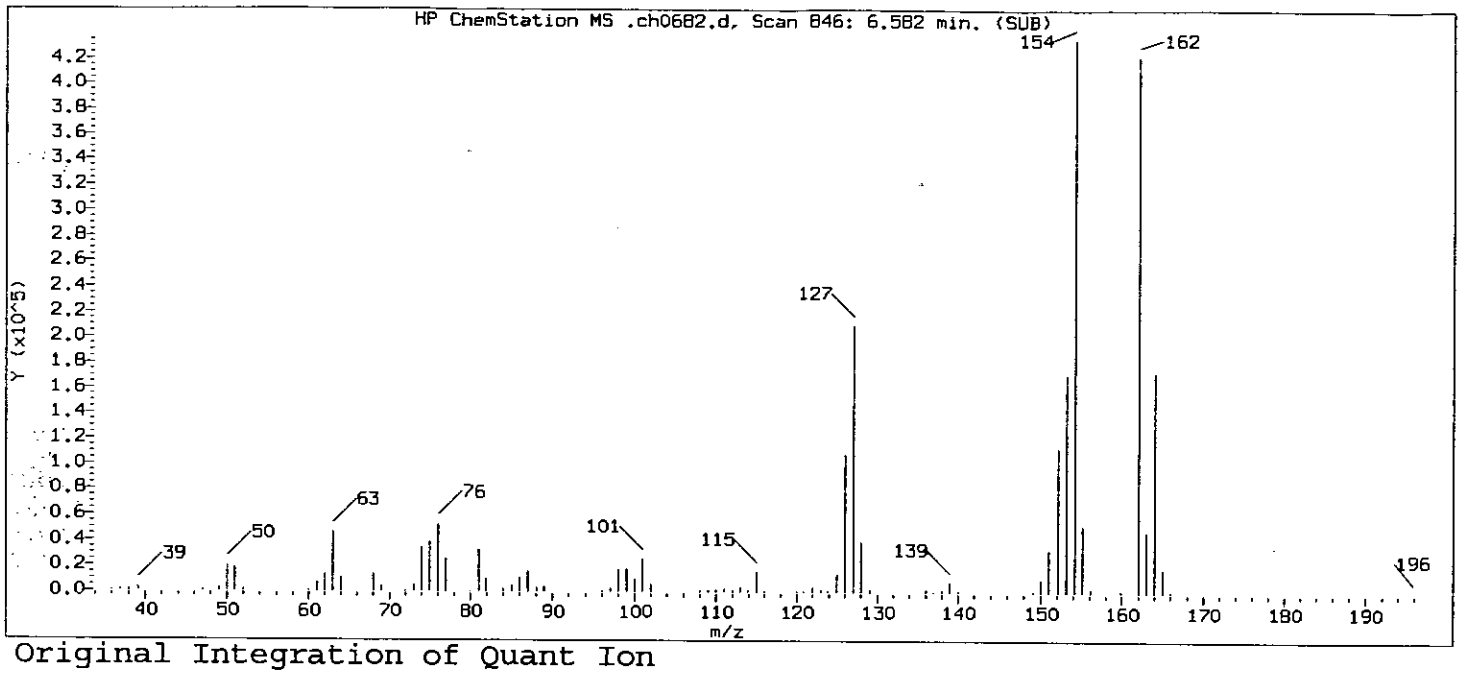
Compound Number : 71
Compound Name : 2-Chloronaphthalene
Scan Number : 846
Retention Time (minutes): 6.582
Quant Ion : 162
Area (flag) : 428807 M
Concentration (ng/ul) : 49.7120
Integration start scan : 843 Integration stop scan: 846
Y at integration start : 0 Y at integration end: 0

Reason for manual integration (circle one): missed peak improper integration

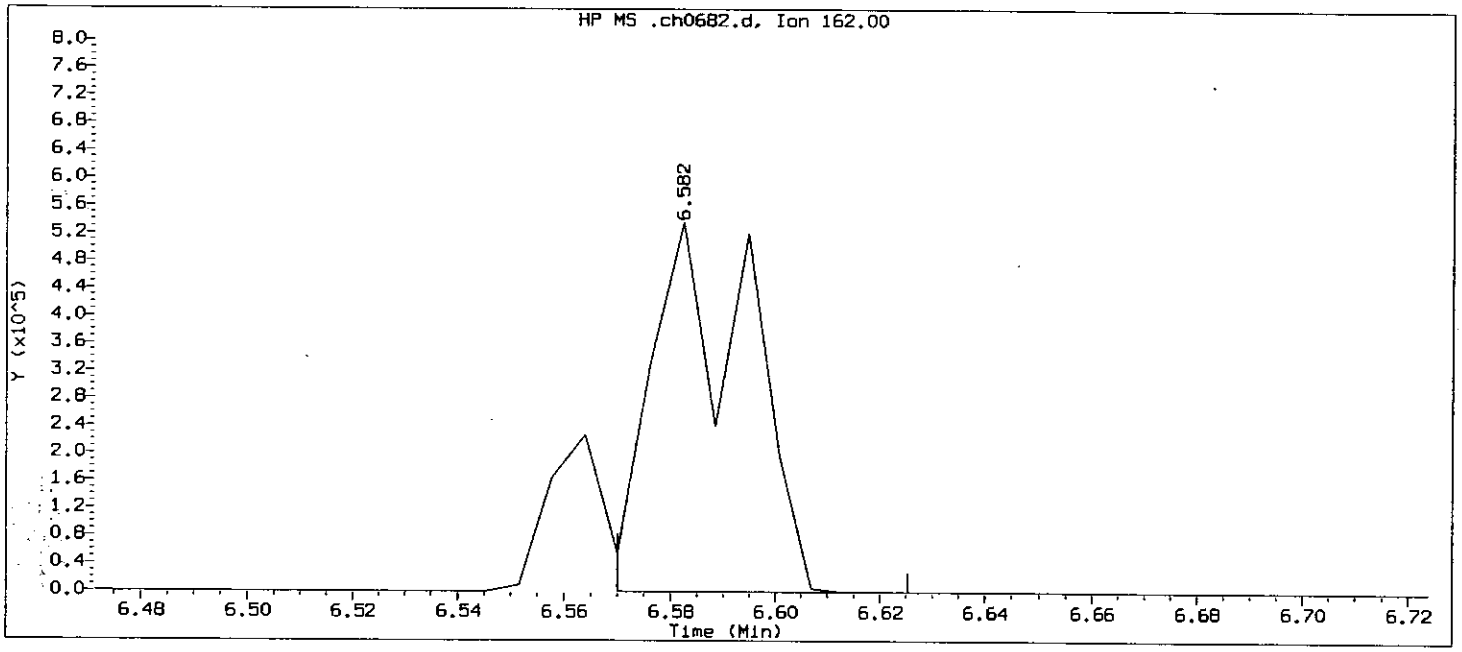
Analyst responsible for change: Cm01237 8/22/07

GC/MS audit/management approval: CMR1412 8/22/07 8467

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP10623.i/07aug22.b/ch0682.d Instrument ID: HP10623.i
Injection date and time: 22-AUG-2007 10:29 Analyst ID: cam01237

Method used: /chem/HP10623.i/07aug22.b/m8270.m Sublist used: all1
Calibration date and time: 22-AUG-2007 10:43
Date, time and analyst ID of latest file update: 22-Aug-2007 10:43 Automation

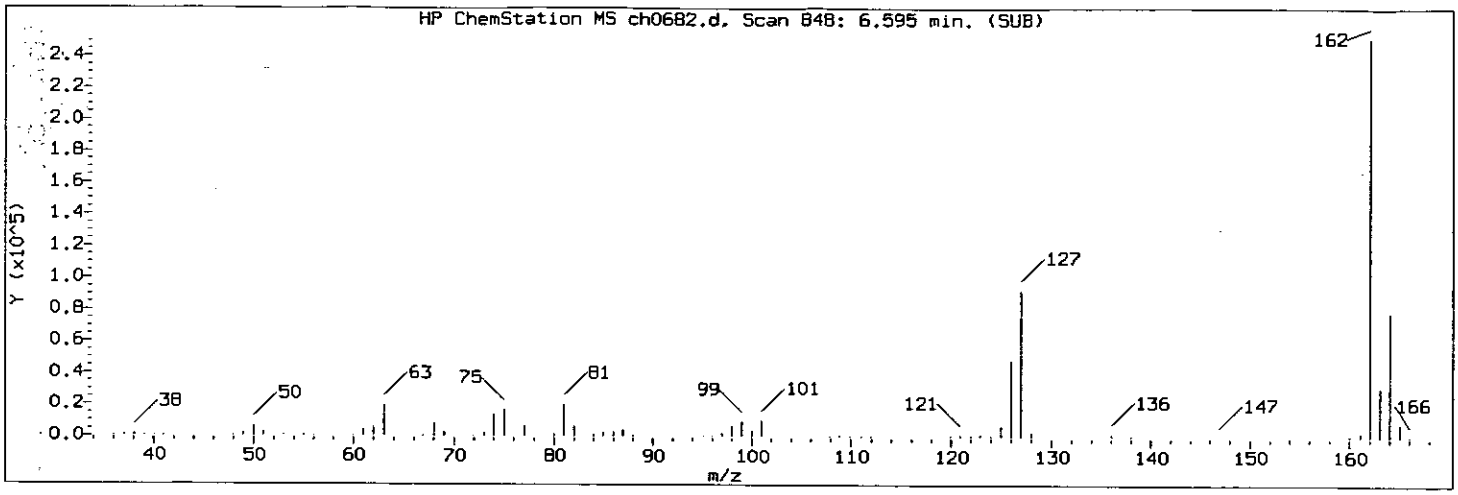
Sample Name: SSTD050 Lab Sample ID: STD2187

Compound Number	: 72
Compound Name	: 1-Chloronaphthalene
Scan Number	: 846
Retention Time (minutes)	: 6.582
Quant Ion	: 162
Area	: 685749
Concentration (ng/ul)	: 95.2020
Integration start scan	: 843 Integration stop scan: 852
Y at integration start	: 0 Y at integration end: 0

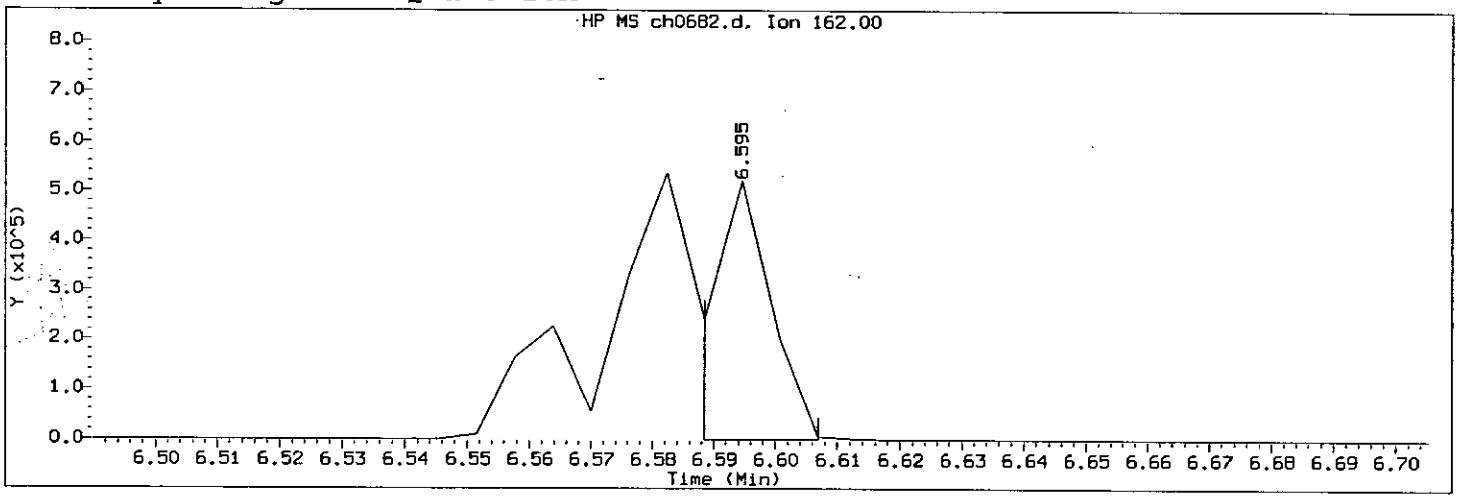
Cm01237
8/22/07
8468

Original Integration Report for data file /chem/HP10623.i/07aug22.b/ch0682.d, generated on 08/22/2007 at 12:41

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP10623.i/07aug22.b/ch0682.d Instrument ID: HP10623.i
Injection date and time: 22-AUG-2007 10:29 Analyst ID: cam01237

Method used: /chem/HP10623.i/07aug22.b/m8270.m Sublist used: all1
Calibration date and time: 22-AUG-2007 12:41
Date, time and analyst ID of latest file update: 22-Aug-2007 12:41 cam01237

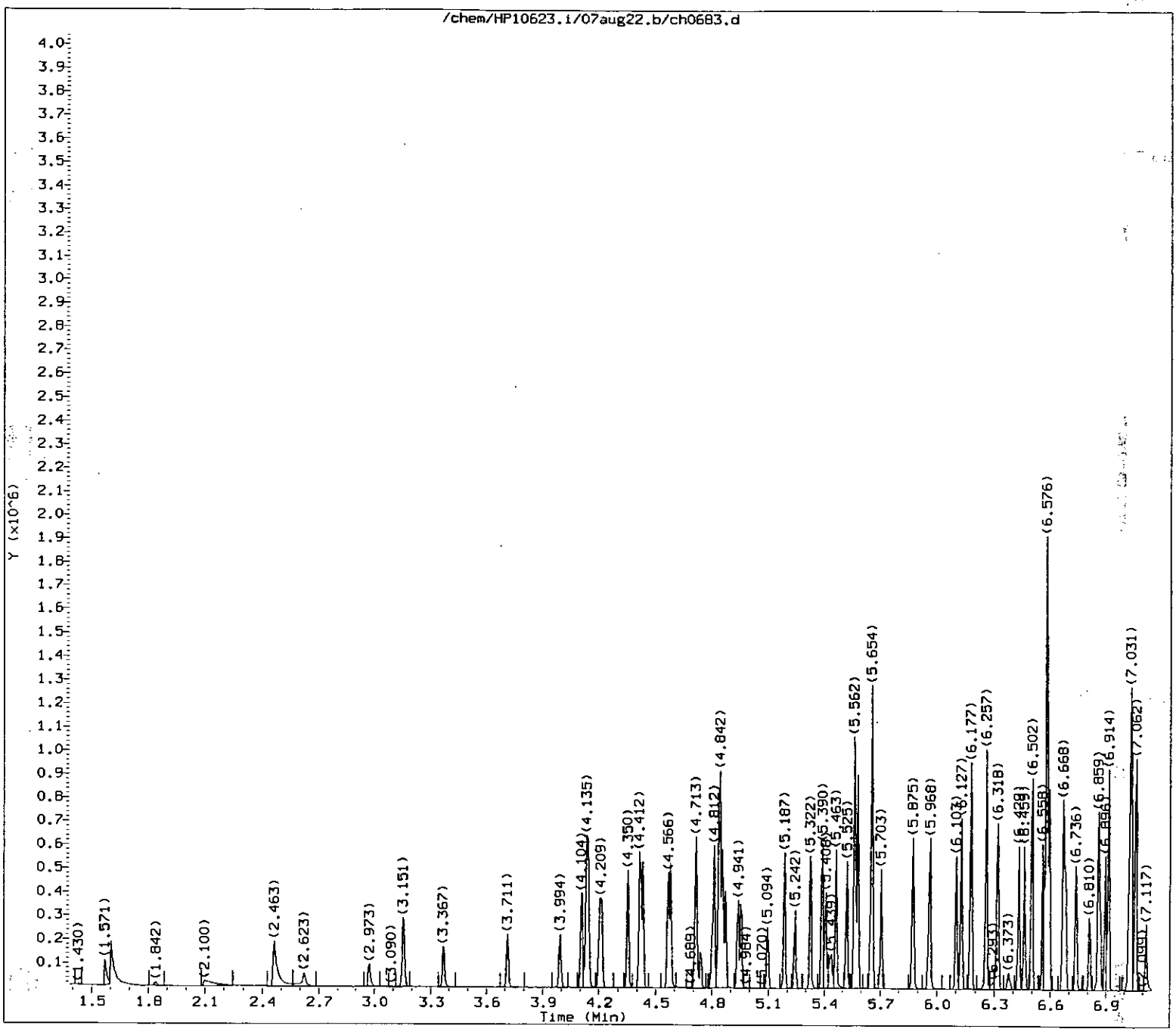
Sample Name: SSTD050 Lab Sample ID: STD2187

Compound Number	: 72		
Compound Name	: 1-Chloronaphthalene		
Scan Number	: 848		
Retention Time (minutes)	: 6.595		
Quant Ion	: 162		
Area (flag)	: 355997	M	
Concentration (ng/ul)	: 48.6943		
Integration start scan	: 846	Integration stop scan:	849
Y at integration start	: -337	Y at integration end:	-337

Reason for manual integration (circle one): missed peak improper integration

Analyst responsible for change: Cm 01237 8/22/07

GC/MS audit/management approval: CMY412 8/22/07 8469



Quant Report

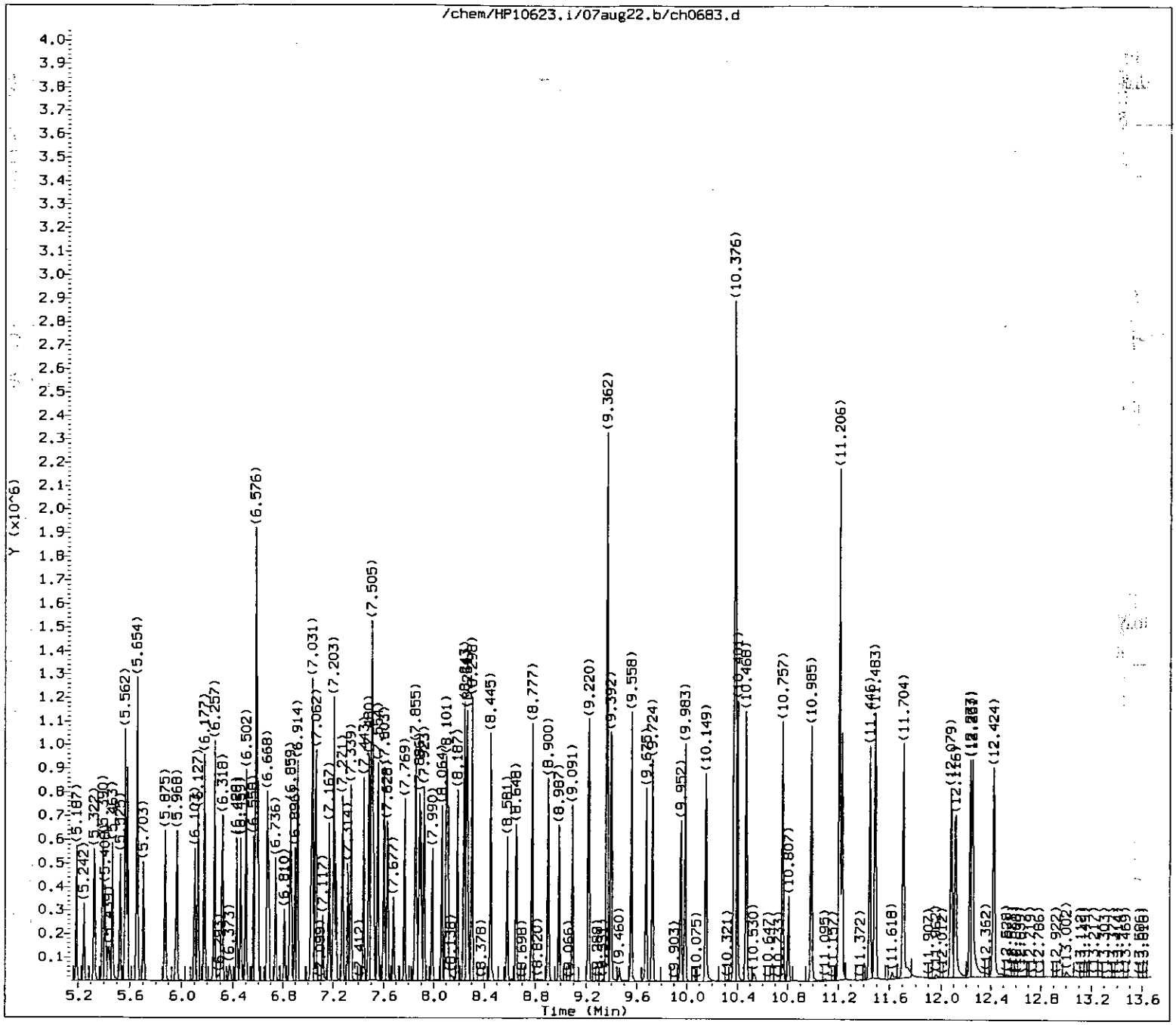
Target Revision 3.5

Data File: /chem/HP10623.i/07aug22.b/ch0683.d
Injection date and time: 22-AUG-2007 10:53
Instrument ID: HP10623.i
Analyst ID: cam01237

Method used: /chem/HP10623.i/07aug22.b/m8270.m
Calibration date and time: 22-AUG-2007 12:41
Sublist used: all1
Date, time and analyst ID of latest file update: 22-Aug-2007 12:41 cam01237

Sample Name: SSTD030
Lab Sample ID: STD2187

cam 01237
8/22/07



Quant Report

Target Revision 3.5

Data File: /chem/HP10623.i/07aug22.b/ch0683.d Instrument ID: HP10623.i
Injection date and time: 22-AUG-2007 10:53 Analyst ID: cam01237

Method used: /chem/HP10623.i/07aug22.b/m8270.m Sublist used: all1
Calibration date and time: 22-AUG-2007 12:41
Date, time and analyst ID of latest file update: 22-Aug-2007 12:41 cam01237

Sample Name: SSTD030 Lab Sample ID: STD2187

8471 cm01237

8/22/07

Quant Report

Target Revision 3.5

Data File: /chem/HP10623.i/07aug22.b/ch0683.d Instrument ID: HP10623.i
Injection date and time: 22-AUG-2007 10:53 Analyst ID: cam01237

Method used: /chem/HP10623.i/07aug22.b/m8270.m Sublist used: all1
Calibration date and time: 22-AUG-2007 12:41
Date, time and analyst ID of latest file update: 22-Aug-2007 12:41 cam01237

Sample Name: SSTD030 Lab Sample ID: STD2187

	Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
2)	N-Nitrosodimethylamine	(1)	1.571	74	50024	29.3036
3)	Pyridine	(1)	1.602	79	102798	32.8987
5)	2-Picoline	(1)	2.463	93	92062	28.7855
15)	Phenol	(1)	4.141	94	116700	29.2864
16)	Aniline	(1)	4.111	93	149821	30.2236
18)	bis(2-Chloroethyl)ether	(1)	4.203	93	92679	29.9989
19)	2-Chlorophenol	(1)	4.215	128	89549	29.3460
20)	1,3-Dichlorobenzene	(1)	4.350	146	95503	30.1306
21)	1,4-Dichlorobenzene-d4	(1)	4.412	152	79988	40.0000
22)	1,4-Dichlorobenzene	(1)	4.430	146	97676	30.0658
23)	Benzyl alcohol	(1)	4.578	108	63953	29.1180
24)	1,2-Dichlorobenzene	(1)	4.566	146	93460	29.9209
25)	2-Methylphenol	(1)	4.713	108	91284	30.0160
26)	2,2'-oxybis(1-Chloropropane)	(1)	4.719	45	79148	30.4758
27)	bis(2-Chloroisopropyl)ether	(1)	4.719	45	79148	30.4758
29)	Acetophenone	(1)	4.812	105	135517	29.8406
30)	N-Nitroso-di-n-propylamine	(1)	4.836	70	67396	30.1890
31)	4-Methylphenol	(1)	4.855	108	104110	30.4222
33)	o-Toluidine	(1)	4.842	106	154678	30.2231
34)	Hexachloroethane	(1)	4.873	117	36070	30.7303
36)	Nitrobenzene	(2)	4.953	77	98062	30.5895
38)	Isophorone	(2)	5.187	82	192720	30.3853
39)	2-Nitrophenol	(2)	5.242	139	49491	29.9234
40)	2,4-Dimethylphenol	(2)	5.322	107	97621	30.5650
42)	bis(2-Chloroethoxy)methane	(2)	5.408	93	104738	30.1937
43)	Benzoic acid	(2)	5.439	105	88114	38.3759
44)	2,4-Dichlorophenol	(2)	5.463	162	81116	30.3489
45)	1,2,4-Trichlorobenzene	(2)	5.525	180	82085	30.5983
46)	Naphthalene-d8	(2)	5.562	136	358026	40.0000
47)	Naphthalene	(2)	5.580	128	285529	30.4224
48)	4-Chloroaniline	(2)	5.654	127	120176	30.5709
49)	2,6-Dichlorophenol	(2)	5.654	162	79682	31.0758
51)	Hexachlorobutadiene	(2)	5.703	225	40405	30.3373
52)	Quinoline	(2)	5.875	129	192955	29.8654
53)	Caprolactam	(2)	5.961	113	33726	29.6778
55)	4-Chloro-3-methylphenol	(2)	6.103	107	90202	30.2293
58)	2-Methylnaphthalene	(2)	6.177	142	201578	30.6908
60)	1-Methylnaphthalene	(2)	6.257	142	191623	30.4366
61)	Hexachlorocyclopentadiene	(3)	6.312	237	19559	28.3112
62)	1,2,4,5-Tetrachlorobenzene	(3)	6.318	216	78445	30.4596
64)	2,4,6-Trichlorophenol	(3)	6.429	196	58335	30.8006
65)	2,4,5-Trichlorophenol	(3)	6.459	196	66088	30.5936
68)	Biphenyl	(3)	6.576	154	245515	30.9069

M = Compound was manually integrated. A = User selected an alternate hit

Quant Report

Target Revision 3.5

Data File: /chem/HP10623.i/07aug22.b/ch0683.d Instrument ID: HP10623.i
Injection date and time: 22-AUG-2007 10:53 Analyst ID: cam01237

Method used: /chem/HP10623.i/07aug22.b/m8270.m Sublist used: all1
Calibration date and time: 22-AUG-2007 12:41
Date, time and analyst ID of latest file update: 22-Aug-2007 12:41 cam01237

Sample Name: SSTD030 Lab Sample ID: STD2187

	Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
69)	Diphenyl	(3)	6.576	154	245515	30.9069
70)	1,1'-Biphenyl	(3)	6.576	154	245515	30.9069
71)	2-Chloronaphthalene	(3)	6.576	162	261538M	32.6680
72)	1-Chloronaphthalene	(3)	6.595	162	186332M	27.4605
73)	Diphenyl ether	(3)	6.668	170	136011	30.9098
74)	2-Nitroaniline	(3)	6.681	138	70280	30.7354
77)	Dimethylphthalate	(3)	6.859	163	231731	31.4533
79)	2,6-Dinitrotoluene	(3)	6.896	165	54515	31.0287
80)	Acenaphthylene	(3)	6.914	152	283215	30.9266
81)	3-Nitroaniline	(3)	7.025	138	60099	30.5536
82)	Acenaphthene-d10	(3)	7.031	164	223845	40.0000
83)	Acenaphthene	(3)	7.062	153	195175	30.6065
84)	2,4-Dinitrophenol	(3)	7.117	184	31248	38.0927
85)	Pentachlorobenzene	(3)	7.167	250	76366	30.4271
86)	4-Nitrophenol	(3)	7.197	109	30617	30.5167
87)	Dibenzofuran	(3)	7.203	168	277682	30.7879
88)	2,4-Dinitrotoluene	(3)	7.222	165	70995	30.4702
90)	1-Naphthylamine	(3)	7.271	143	206969	32.6541
91)	2,3,4,6-Tetrachlorophenol	(3)	7.314	232	48210	30.6046
92)	2-Naphthylamine	(3)	7.339	143	213074	32.9883
93)	Diethylphthalate	(3)	7.443	149	229677	30.4539
94)	Fluorene	(3)	7.480	166	230157	30.6715
96)	4-Chlorophenyl-phenylether	(3)	7.505	204	102329	31.0588
98)	4-Nitroaniline	(3)	7.523	138	65347	30.7098
99)	4,6-Dinitro-2-methylphenol	(4)	7.554	198	35568	29.7794
102)	N-Nitrosodiphenylamine	(4)	7.603	169	167903	30.5268
103)	1,2-Diphenylhydrazine	(4)	7.628	77	217390	30.3403
108)	Phorate	(4)	7.855	75	180037	34.2111
110)	4-Bromophenyl-phenylether	(4)	7.898	248	61944	30.5044
112)	Hexachlorobenzene	(4)	7.923	284	72895	30.4270
116)	Pentachlorophenol	(4)	8.095	266	56049	40.9722
120)	Phenanthrene-d10	(4)	8.243	188	410231	40.0000
121)	Phenanthrene	(4)	8.261	178	337496	30.8523
122)	Dinoseb	(4)	8.267	211	48292	31.1550
124)	Anthracene	(4)	8.298	178	348236	30.7467
125)	Carbazole	(4)	8.445	167	314142	30.5887
126)	Methyl parathion	(4)	8.581	109	73454	31.9898
127)	Ronnel	(4)	8.654	285	93049	31.1311
128)	Di-n-butylphthalate	(4)	8.777	149	398692	31.0774
129)	Parathion	(4)	8.900	109	48566	31.8309
134)	Fluoranthene	(4)	9.220	202	375138	31.6309
135)	Benzidine	(5)	9.362	184	711249	95.6108
136)	Pyrene	(5)	9.398	202	378303	29.5822

M = Compound was manually integrated. A = User selected an alternate hit

Quant Report

Target Revision 3.5

Data File: /chem/HP10623.i/07aug22.b/ch0683.d Instrument ID: HP10623.i
Injection date and time: 22-AUG-2007 10:53 Analyst ID: cam01237

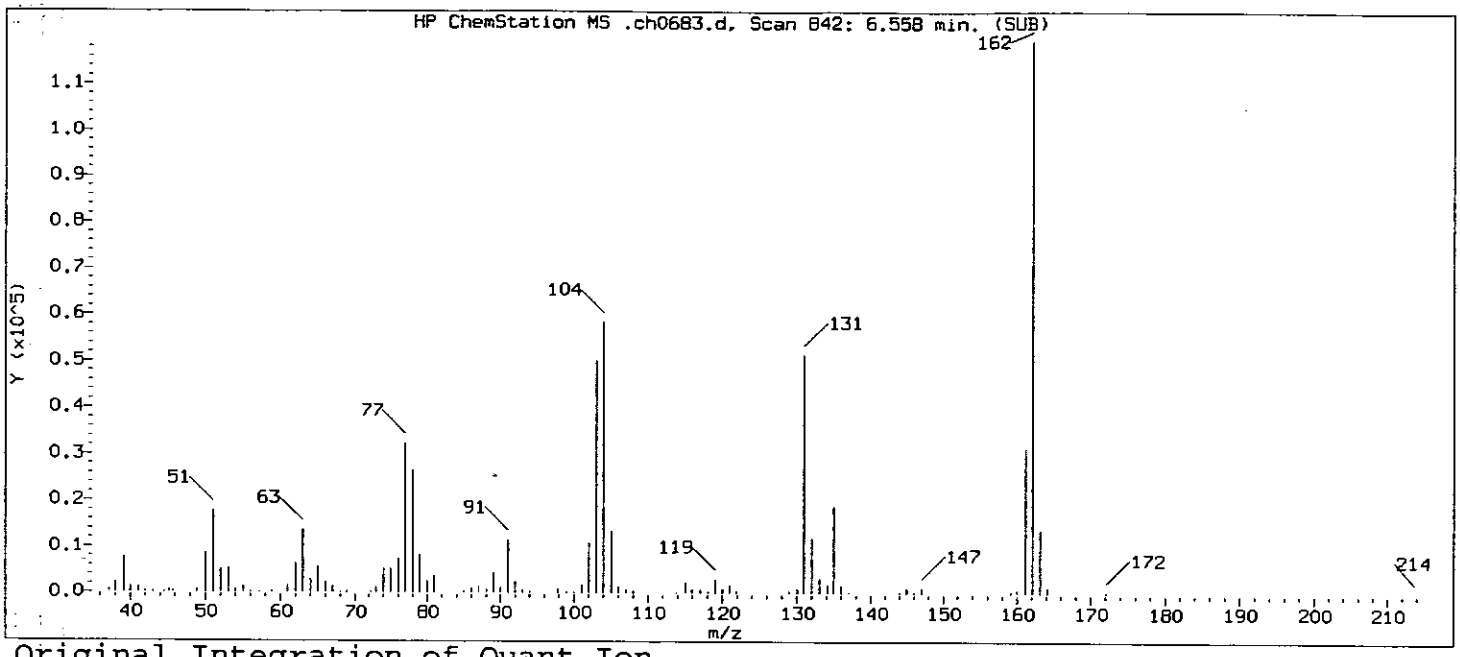
Method used: /chem/HP10623.i/07aug22.b/m8270.m Sublist used: all1
Calibration date and time: 22-AUG-2007 12:41
Date, time and analyst ID of latest file update: 22-Aug-2007 12:41 cam01237

Sample Name: SSTD030 Lab Sample ID: STD2187

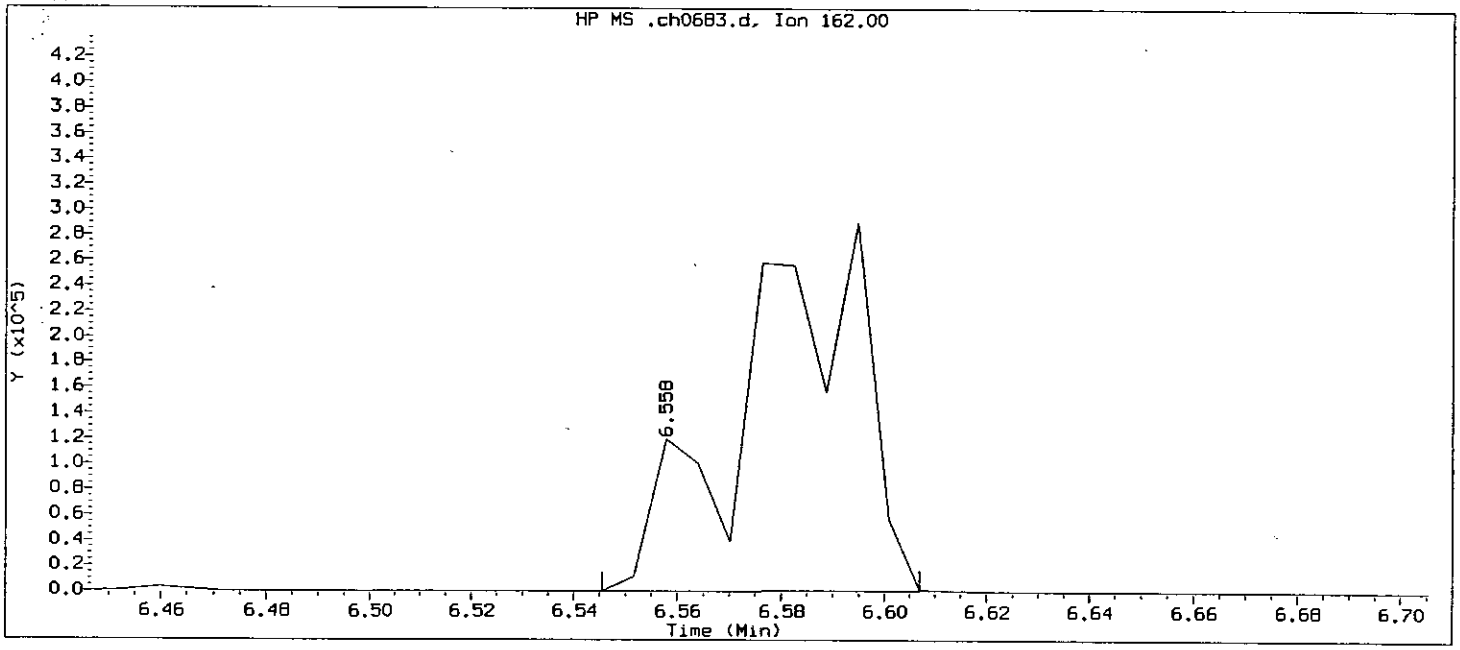
	Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
143)	Butylbenzylphthalate	(5)	9.983	149	183968	29.5441
145)	3,3'-Dichlorobenzidine	(5)	10.376	252	138164	30.6938
146)	Benzo(a)anthracene	(5)	10.370	228	326377	29.9639
147)	Hexabromobenzene	(5)	10.376	552	3725	29.9804
148)	4,4'-Methylenebis(2-Chloroanil	(5)	10.388	231	67707	29.1961
149)	Chrysene-d12	(5)	10.376	240	387306	40.0000
150)	Chrysene	(5)	10.401	228	339380	30.6947
151)	bis(2-Ethylhexyl)phthalate	(5)	10.468	149	261217	29.7833
152)	6-Methylchrysene	(5)	10.757	242	255681	30.1090
156)	Di-n-octylphthalate	(6)	10.985	149	442552	31.1083
157)	7,12-Dimethylbenz[a]anthracene	(6)	11.206	256	178094	32.8794
158)	Benzo(b)fluoranthene	(6)	11.206	252	383296	31.8286
159)	Benzo(k)fluoranthene	(6)	11.231	252	375746	30.2728
160)	Benzo(a)pyrene	(6)	11.446	252	350911	30.6448
161)	Perylene-d12	(6)	11.489	264	359913	40.0000
162)	3-Methylcholanthrene	(6)	11.704	268	196179	30.8092
166)	Dibenz(a,h)acridine	(6)	12.079	279	289968	30.6731
167)	Dibenz(a,j)acridine	(6)	12.116	279	315338	30.5090
168)	Indeno(1,2,3-cd)pyrene	(6)	12.233	276	426992	30.6776
169)	Dibenz(a,h)anthracene	(6)	12.251	278	339698	30.6462
170)	Benzo(g,h,i)perylene	(6)	12.424	276	356681	30.2789
9)	2-Fluorophenol	(1)	3.151	112	84828	30.1652
13)	Phenol-d5	(1)	4.129	99	111183	30.1140
14)	Phenol-d6	(1)	4.129	99	111183	30.1140
35)	Nitrobenzene-d5	(2)	4.941	82	94074	30.2344
66)	2-Fluorobiphenyl	(3)	6.502	172	213368	30.7328
104)	2,4,6-Tribromophenol	(3)	7.683	330	38422	29.3370
138)	Terphenyl-d14	(5)	9.558	244	262520	30.0694

M = Compound was manually integrated. A = User selected an alternate hit

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP10623.i/07aug22.b/ch0683.d Instrument ID: HP10623.i
Injection date and time: 22-AUG-2007 10:53 Analyst ID: cam01237

Method used: /chem/HP10623.i/07aug22.b/m8270.m Sublist used: all
Calibration date and time: 22-AUG-2007 11:08
Date, time and analyst ID of latest file update: 22-Aug-2007 11:08 Automation

Sample Name: SSTD030 Lab Sample ID: STD2187

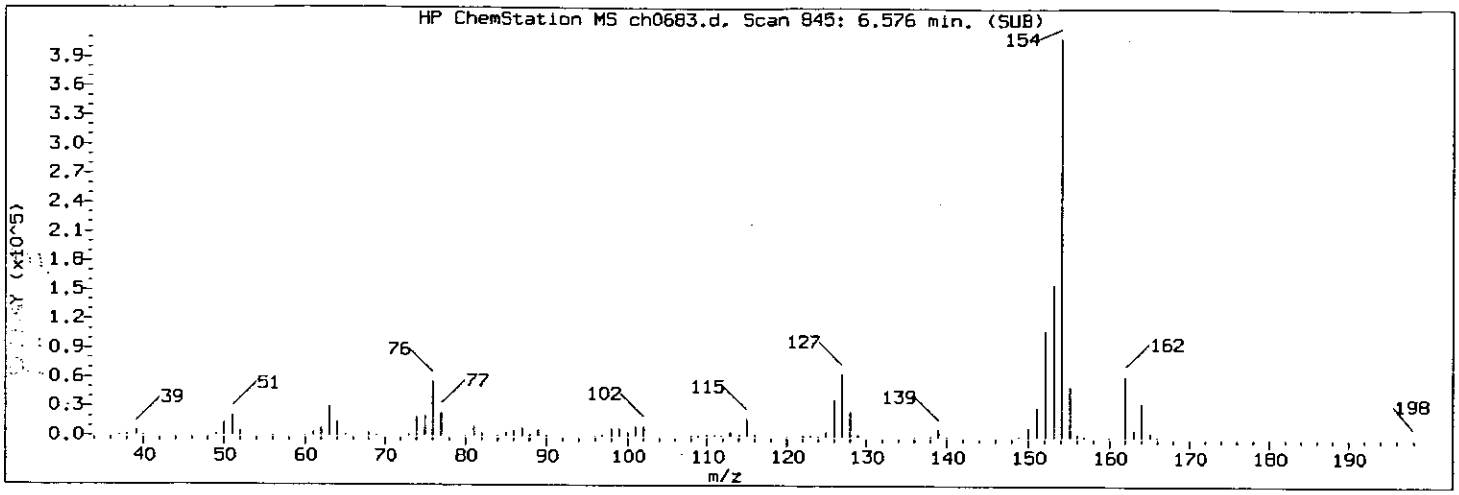
Compound Number	: 71
Compound Name	: 2-Chloronaphthalene
Scan Number	: 842
Retention Time (minutes)	: 6.558
Quant Ion	: 162
Area	: 475865
Concentration (ng/ul)	: 39.9517

Integration start scan : 839 Integration stop scan: 849
Y at integration start : 0 Y at integration end: 270

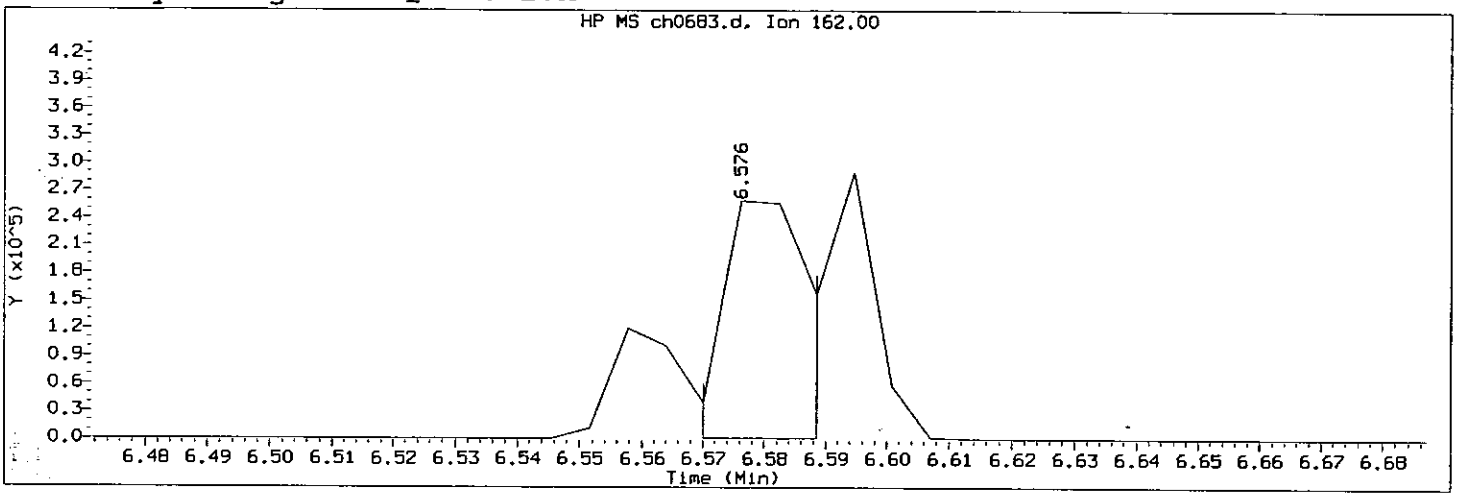
cm 01237
8/22/07
8475

Original Integration Report for data file /chem/HP10623.i/07aug22.b/ch0683.d, generated on 08/22/2007 at 12:41

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP10623.i/07aug22.b/ch0683.d Instrument ID: HP10623.i
Injection date and time: 22-AUG-2007 10:53 Analyst ID: cam01237

Method used: /chem/HP10623.i/07aug22.b/m8270.m Sublist used: all1
Calibration date and time: 22-AUG-2007 12:41
Date, time and analyst ID of latest file update: 22-Aug-2007 12:41 cam01237

Sample Name: SSTD030 Lab Sample ID: STD2187

Compound Number : 71
Compound Name : 2-Chloronaphthalene
Scan Number : 845
Retention Time (minutes): 6.576
Quant Ion : 162
Area (flag) : 261538 M
Concentration (ng/ul) : 32.6680
Integration start scan : 843 Integration stop scan: 846
Y at integration start : 566 Y at integration end: 566

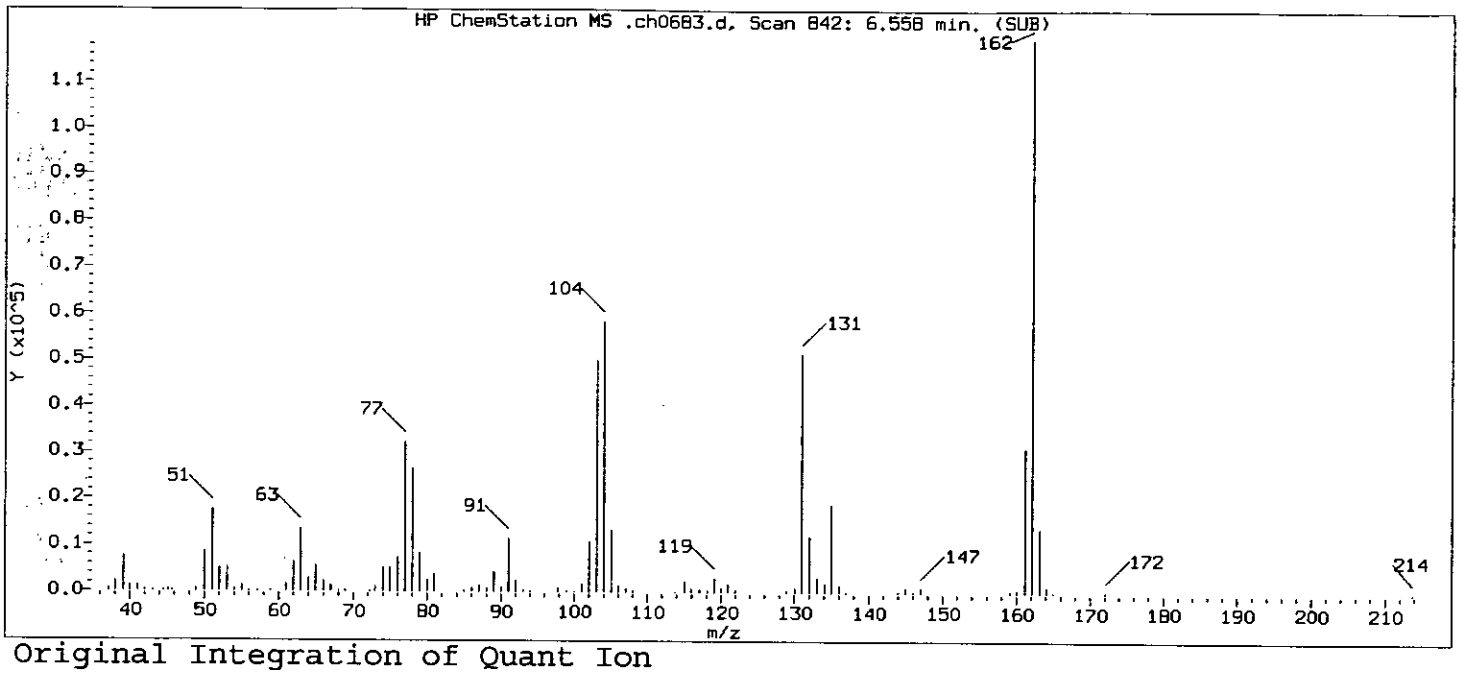
Reason for manual integration (circle one): missed peak improper integration

Analyst responsible for change: CM 01237 8/22/07

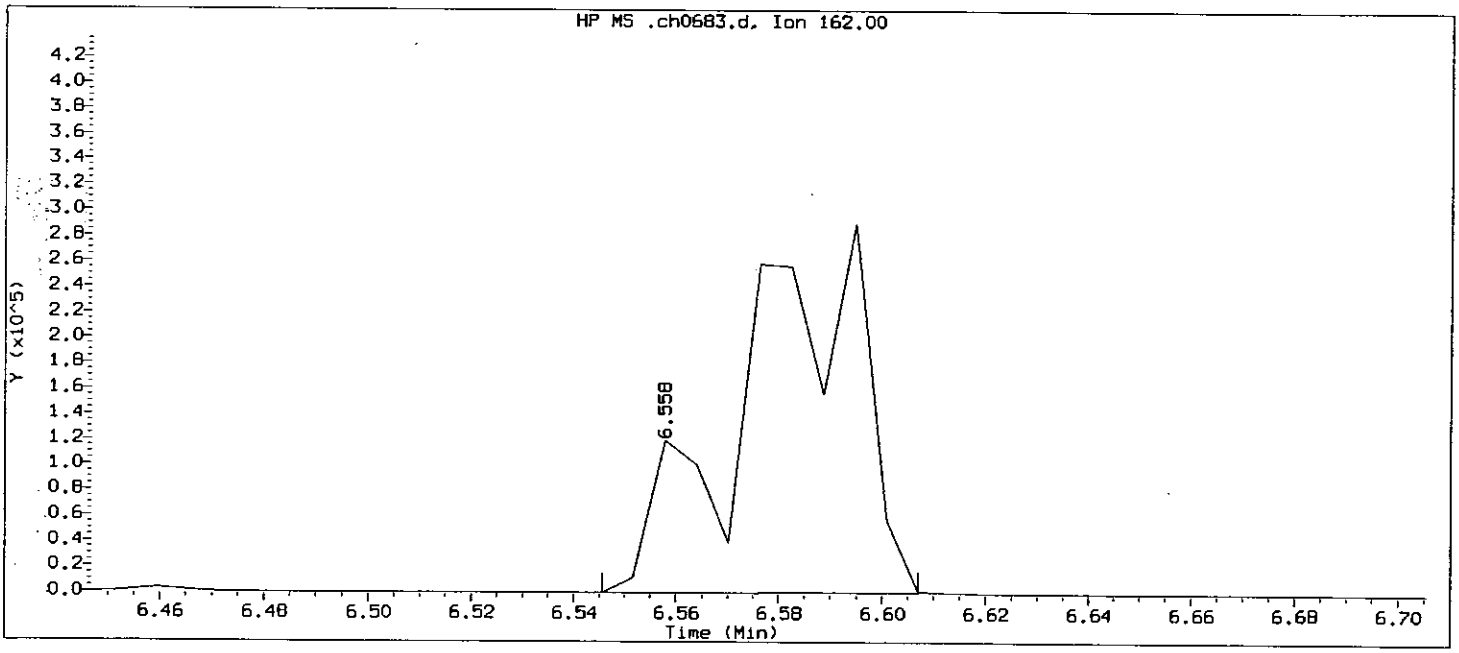
GC/MS audit/management approval: CMC/412 8/22/07

Manual Integration Report for data file /chem/HP10623.i/07aug22.b/ch0683.d, generated on 08/22/2007 at 12:41

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP10623.i/07aug22.b/ch0683.d Instrument ID: HP10623.i
Injection date and time: 22-AUG-2007 10:53 Analyst ID: cam01237

Method used: /chem/HP10623.i/07aug22.b/m8270.m Sublist used: all1
Calibration date and time: 22-AUG-2007 11:08
Date, time and analyst ID of latest file update: 22-Aug-2007 11:08 Automation

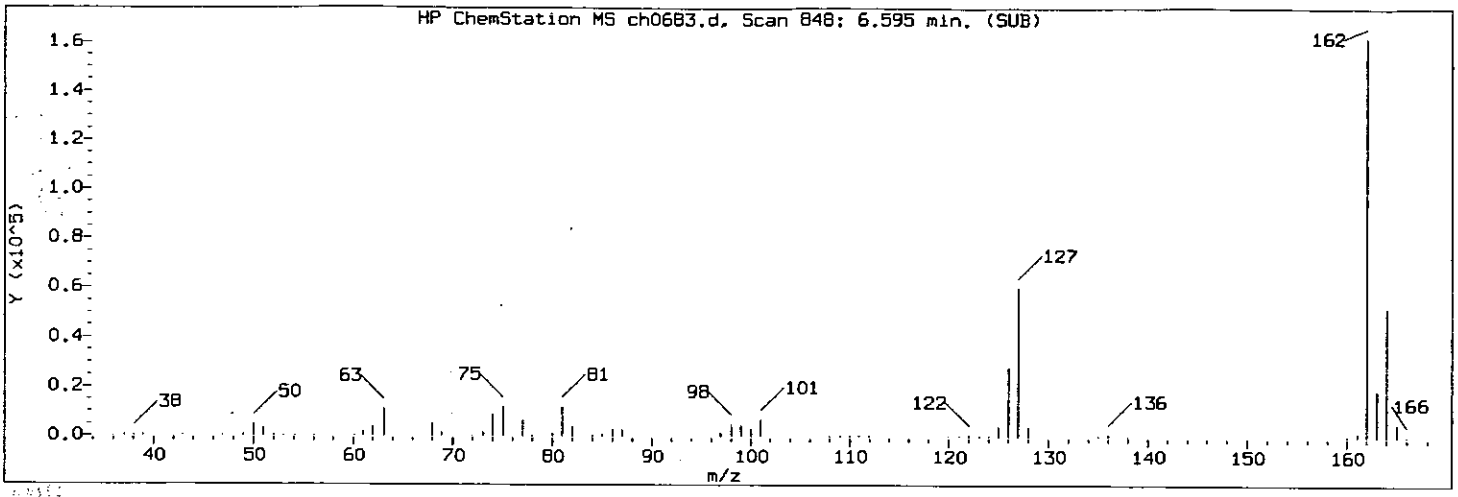
Sample Name: SSTD030 Lab Sample ID: STD2187

Compound Number	: 72
Compound Name	: 1-Chloronaphthalene
Scan Number	: 842
Retention Time (minutes)	: 6.558
Quant Ion	: 162
Area	: 475865
Concentration (ng/ul)	: 42.3548
Integration start scan	: 839 Integration stop scan: 849
Y at integration start	: 0 Y at integration end: 270

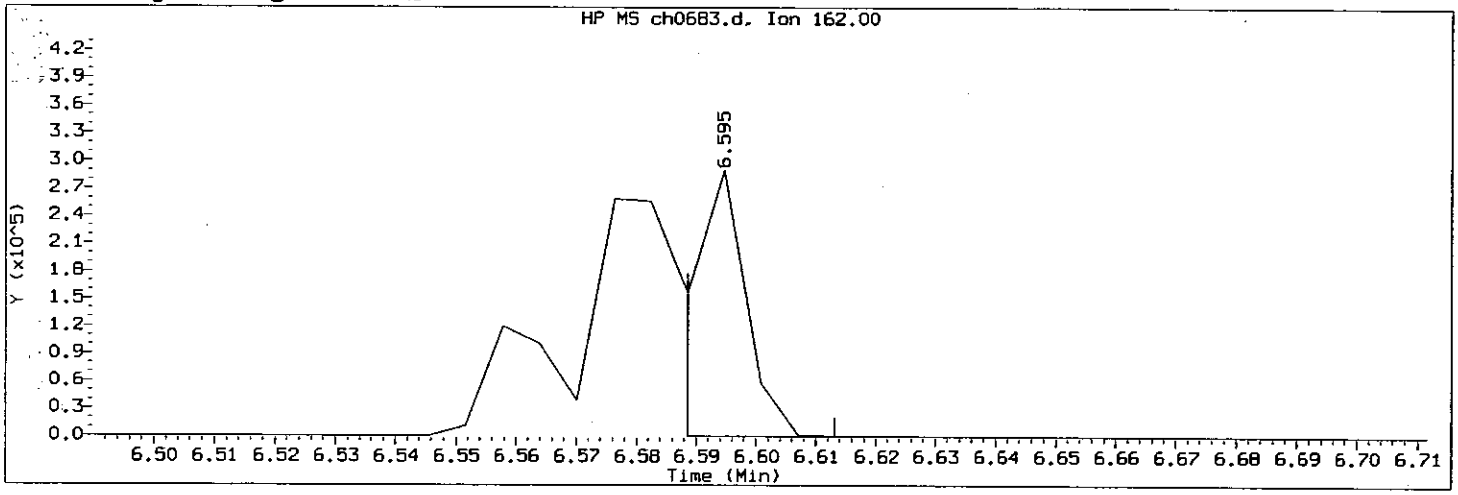
cm 01237
8/22/07
8477

Original Integration Report for data file /chem/HP10623.i/07aug22.b/ch0683.d, generated on 08/22/2007 at 12:41

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP10623.i/07aug22.b/ch0683.d Instrument ID: HP10623.i
Injection date and time: 22-AUG-2007 10:53 Analyst ID: cam01237

Method used: /chem/HP10623.i/07aug22.b/m8270.m Sublist used: all
Calibration date and time: 22-AUG-2007 12:41
Date, time and analyst ID of latest file update: 22-Aug-2007 12:41 cam01237

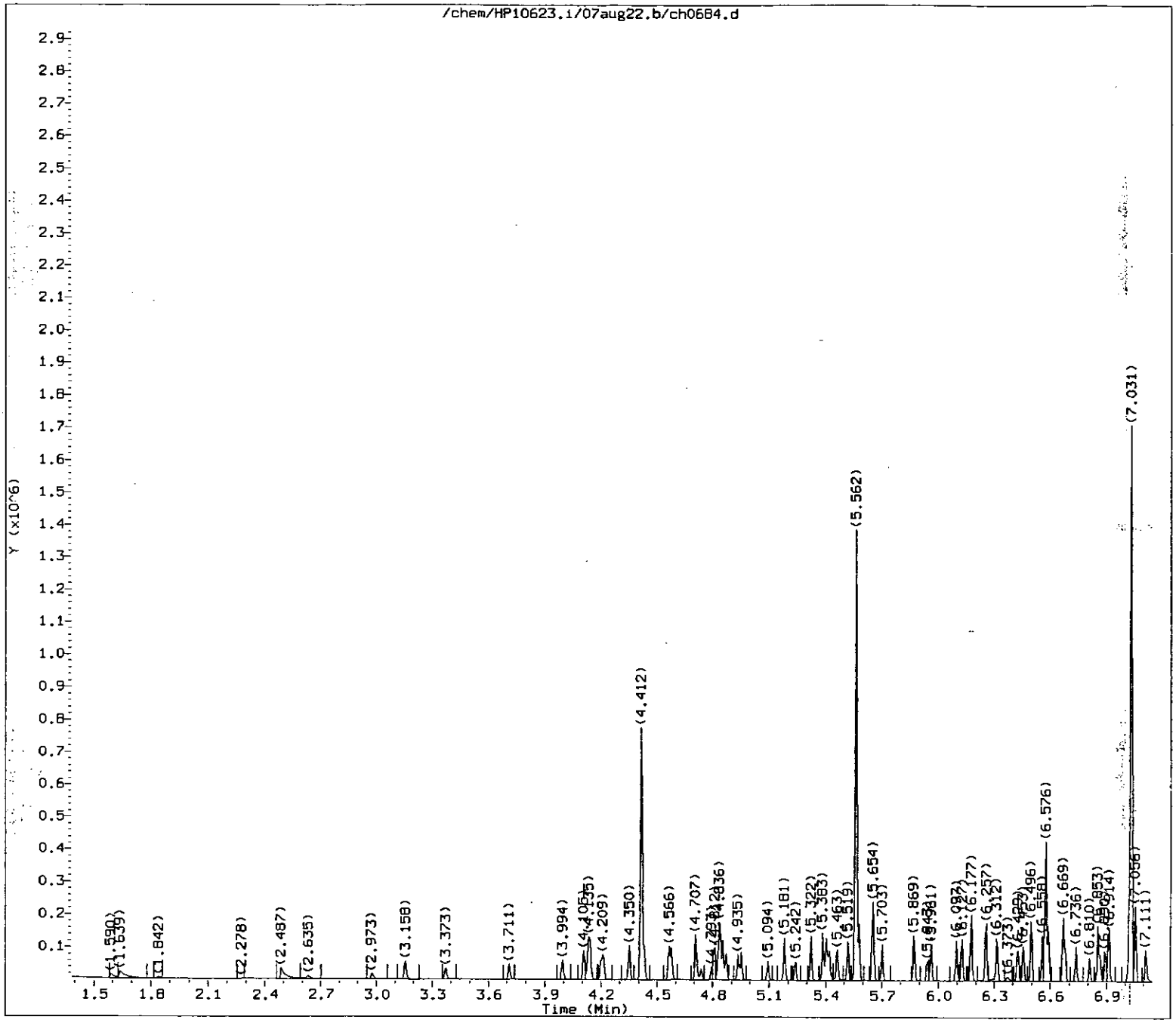
Sample Name: SSTD030 Lab Sample ID: STD2187

Compound Number : 72
Compound Name : 1-Chloronaphthalene
Scan Number : 848
Retention Time (minutes): 6.595
Quant Ion : 162
Area (flag) : 186332 M
Concentration (ng/ul) : 27.4605
Integration start scan : 846 Integration stop scan: 850
Y at integration start : 168 Y at integration end: 168

Reason for manual integration (circle one): missed peak (improper integration)

Analyst responsible for change: Cm 01237 8/22/07

GC/MS audit/management approval: CMR/412 8/22/07



Quant Report

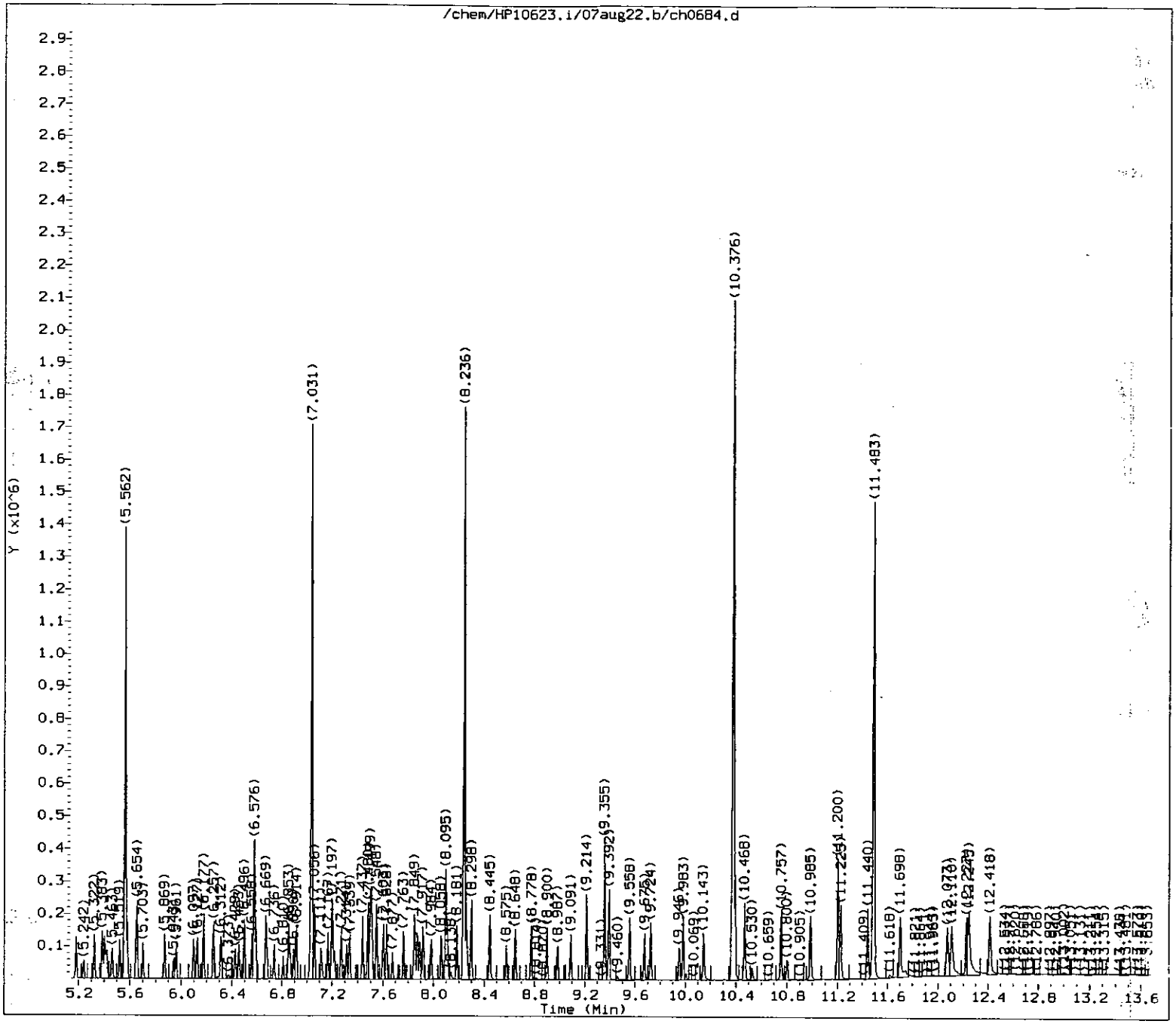
Target Revision 3.5

Data File: /chem/HP10623.i/07aug22.b/ch0684.d Instrument ID: HP10623.i
Injection date and time: 22-AUG-2007 11:14 Analyst ID: cam01237

Method used: /chem/HP10623.i/07aug22.b/m8270.m Sublist used: all1
Calibration date and time: 22-AUG-2007 12:41
Date, time and analyst ID of latest file update: 22-Aug-2007 12:41 cam01237

Sample Name: SSTD005 Lab Sample ID: STD2187

CAM 01237
8/22/07



Quant Report

Target Revision 3.5

Data File: /chem/HP10623.i/07aug22.b/ch0684.d
Injection date and time: 22-AUG-2007 11:14

Instrument ID: HP10623.i
Analyst ID: cam01237

Method used: /chem/HP10623.i/07aug22.b/m8270.m
Calibration date and time: 22-AUG-2007 12:41

Sublist used: all1

Date, time and analyst ID of latest file update: 22-Aug-2007 12:41 cam01237

Sample Name: SSTD005

Lab Sample ID: STD2187

cam01237

8/22/07

Quant Report

Target Revision 3.5

Data File: /chem/HP10623.i/07aug22.b/ch0684.d Instrument ID: HP10623.i
Injection date and time: 22-AUG-2007 11:14 Analyst ID: cam01237

Method used: /chem/HP10623.i/07aug22.b/m8270.m Sublist used: all1
Calibration date and time: 22-AUG-2007 12:41
Date, time and analyst ID of latest file update: 22-Aug-2007 12:41 cam01237

Sample Name: SSTD005 Lab Sample ID: STD2187

	Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
2)	N-Nitrosodimethylamine	(1)	1.590	74	9515	4.5298
3)	Pyridine	(1)	1.639	79	18290M	4.7570
5)	2-Picoline	(1)	2.487	93	18430	4.6832
15)	Phenol	(1)	4.141	94	24302	4.9564
16)	Aniline	(1)	4.105	93	30928	5.0705
18)	bis(2-Chloroethyl)ether	(1)	4.197	93	18760	4.9350
19)	2-Chlorophenol	(1)	4.215	128	18376	4.8940
20)	1,3-Dichlorobenzene	(1)	4.350	146	19746	5.0629
21)	1,4-Dichlorobenzene-d4	(1)	4.412	152	98423	40.0000
22)	1,4-Dichlorobenzene	(1)	4.430	146	20871	5.2210
23)	Benzyl alcohol	(1)	4.578	108	13332	4.9332
24)	1,2-Dichlorobenzene	(1)	4.566	146	19732	5.1339
25)	2-Methylphenol	(1)	4.707	108	17974	4.8032
26)	2,2'-oxybis(1-Chloropropane)	(1)	4.719	45	15889	4.9721
27)	bis(2-Chloroisopropyl)ether	(1)	4.719	45	15889	4.9721
29)	Acetophenone	(1)	4.812	105	27699	4.9569
30)	N-Nitroso-di-n-propylamine	(1)	4.830	70	13422	4.8861
31)	4-Methylphenol	(1)	4.855	108	18745	4.4516
33)	o-Toluidine	(1)	4.836	106	31684	5.0313
34)	Hexachloroethane	(1)	4.873	117	7248	5.0184
36)	Nitrobenzene	(2)	4.953	77	19573	5.0065
38)	Isophorone	(2)	5.181	82	39594	5.1188
39)	2-Nitrophenol	(2)	5.242	139	9719	4.8185
40)	2,4-Dimethylphenol	(2)	5.322	107	18426	4.7306
42)	bis(2-Chloroethoxy)methane	(2)	5.402	93	21965	5.1921
43)	Benzoic acid	(2)	5.420	105	40084	14.3149
44)	2,4-Dichlorophenol	(2)	5.463	162	16031	4.9181
45)	1,2,4-Trichlorobenzene	(2)	5.519	180	16961	5.1843
46)	Naphthalene-d8	(2)	5.562	136	436629	40.0000
47)	Naphthalene	(2)	5.580	128	58823	5.1392
48)	4-Chloroaniline	(2)	5.654	127	24499	5.1102
49)	2,6-Dichlorophenol	(2)	5.654	162	15762	5.0405
51)	Hexachlorobutadiene	(2)	5.703	225	8451	5.2030
52)	Quinoline	(2)	5.869	129	39801	5.0514
53)	Caprolactam	(2)	5.943	113	6890	4.9715
55)	4-Chloro-3-methylphenol	(2)	6.097	107	18127	4.9813
58)	2-Methylnaphthalene	(2)	6.177	142	40464	5.0517
60)	1-Methylnaphthalene	(2)	6.257	142	38228	4.9789
61)	Hexachlorocyclopentadiene	(3)	6.312	237	1864	2.1426
62)	1,2,4,5-Tetrachlorobenzene	(3)	6.318	216	16447	5.0714
64)	2,4,6-Trichlorophenol	(3)	6.429	196	11518	4.8294
65)	2,4,5-Trichlorophenol	(3)	6.453	196	13107	4.8183
68)	Biphenyl	(3)	6.576	154	51979	5.1962

M = Compound was manually integrated. A = User selected an alternate hit

Quant Report

Target Revision 3.5

Data File: /chem/HP10623.i/07aug22.b/ch0684.d Instrument ID: HP10623.i
Injection date and time: 22-AUG-2007 11:14 Analyst ID: cam01237

Method used: /chem/HP10623.i/07aug22.b/m8270.m Sublist used: all1
Calibration date and time: 22-AUG-2007 12:41
Date, time and analyst ID of latest file update: 22-Aug-2007 12:41 cam01237

Sample Name: SSTD005 Lab Sample ID: STD2187

	Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
69)	Diphenyl	(3)	6.576	154	51979	5.1962
70)	1,1'-Biphenyl	(3)	6.576	154	51979	5.1962
71)	2-Chloronaphthalene	(3)	6.576	162	49569M	4.9168
72)	1-Chloronaphthalene	(3)	6.589	162	45503M	5.3253
73)	Diphenyl ether	(3)	6.669	170	28369	5.1198
74)	2-Nitroaniline	(3)	6.681	138	13274	4.6099
77)	Dimethylphthalate	(3)	6.853	163	46323	4.9930
79)	2,6-Dinitrotoluene	(3)	6.896	165	10642	4.8101
80)	Acenaphthylene	(3)	6.914	152	56162	4.8702
81)	3-Nitroaniline	(3)	7.019	138	12136	4.8995
82)	Acenaphthene-d10	(3)	7.031	164	281879	40.0000
83)	Acenaphthene	(3)	7.056	153	40226	5.0093
84)	2,4-Dinitrophenol	(3)	7.111	184	11887	11.5074
85)	Pentachlorobenzene	(3)	7.167	250	16222	5.1327
86)	4-Nitrophenol	(3)	7.197	109	11854	9.3826
87)	Dibenzofuran	(3)	7.203	168	59591	5.2468
88)	2,4-Dinitrotoluene	(3)	7.222	165	13958	4.7573
90)	1-Naphthylamine	(3)	7.271	143	36103	4.5233
91)	2,3,4,6-Tetrachlorophenol	(3)	7.314	232	9610	4.8446
92)	2-Naphthylamine	(3)	7.339	143	39880	4.9031
93)	Diethylphthalate	(3)	7.437	149	47792	5.0323
94)	Fluorene	(3)	7.480	166	47210	4.9961
96)	4-Chlorophenyl-phenylether	(3)	7.505	204	21144	5.0963
98)	4-Nitroaniline	(3)	7.511	138	13070	4.8777
99)	4,6-Dinitro-2-methylphenol	(4)	7.548	198	12968	8.7422
102)	N-Nitrosodiphenylamine	(4)	7.603	169	34109	4.9932
103)	1,2-Diphenylhydrazine	(4)	7.628	77	44150	4.9613
108)	Phorate	(4)	7.855	75	33944M	5.1935
110)	4-Bromophenyl-phenylether	(4)	7.898	248	13221	5.2422
112)	Hexachlorobenzene	(4)	7.923	284	15661	5.2634
116)	Pentachlorophenol	(4)	8.095	266	22668	13.3421
120)	Phenanthrene-d10	(4)	8.236	188	509495	40.0000
121)	Phenanthrene	(4)	8.255	178	70277	5.1727
122)	Dinoseb	(4)	8.267	211	6120	3.1790
124)	Anthracene	(4)	8.298	178	72407	5.1475
125)	Carbazole	(4)	8.445	167	64336	5.0440
126)	Methyl parathion	(4)	8.575	109	14174	4.9702
127)	Ronnel	(4)	8.648	285	19066	5.1361
128)	Di-n-butylphthalate	(4)	8.778	149	78638	4.9355
129)	Parathion	(4)	8.900	109	8725	4.6044
134)	Fluoranthene	(4)	9.214	202	75748	5.1426
135)	Benzidine	(5)	9.355	184	129459	13.4632
136)	Pyrene	(5)	9.392	202	78628	4.7566

M = Compound was manually integrated. A = User selected an alternate hit

Quant Report

Target Revision 3.5

Data File: /chem/HP10623.i/07aug22.b/ch0684.d Instrument ID: HP10623.i
Injection date and time: 22-AUG-2007 11:14 Analyst ID: cam01237

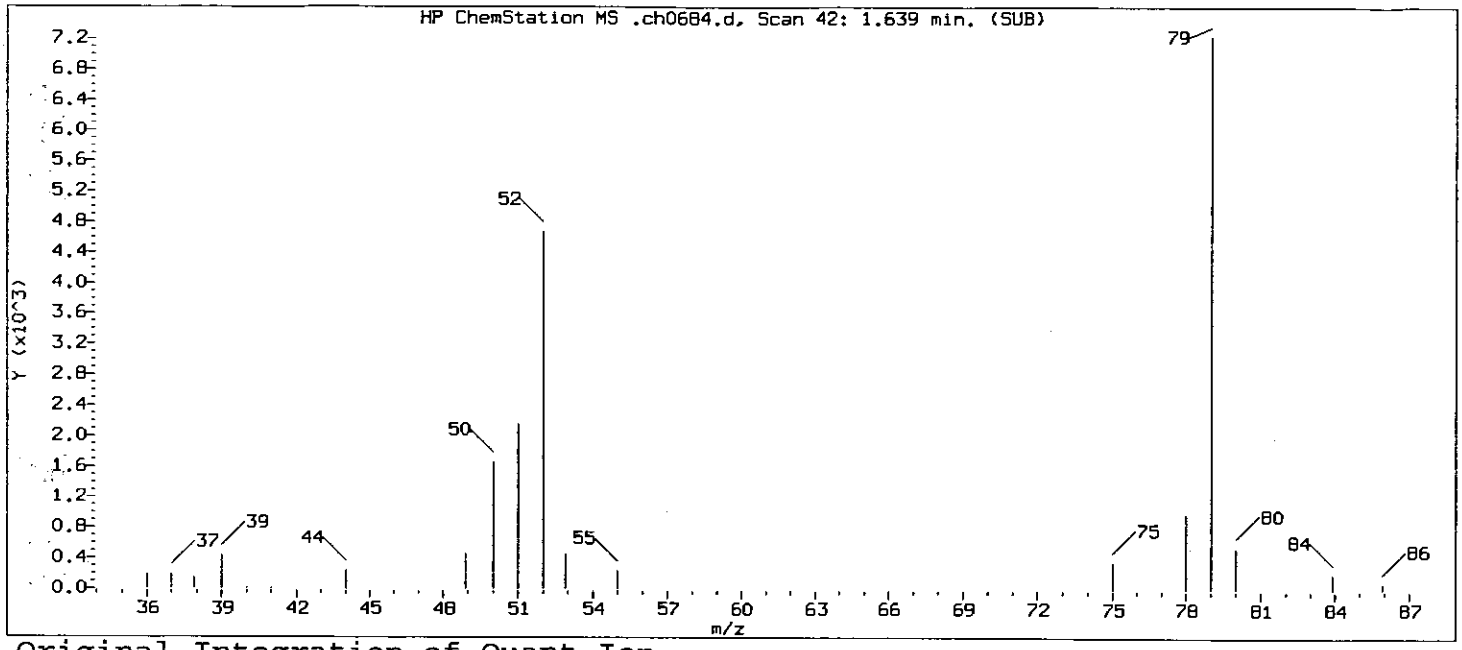
Method used: /chem/HP10623.i/07aug22.b/m8270.m Sublist used: all1
Calibration date and time: 22-AUG-2007 12:41
Date, time and analyst ID of latest file update: 22-Aug-2007 12:41 cam01237

Sample Name: SSTD005 Lab Sample ID: STD2187

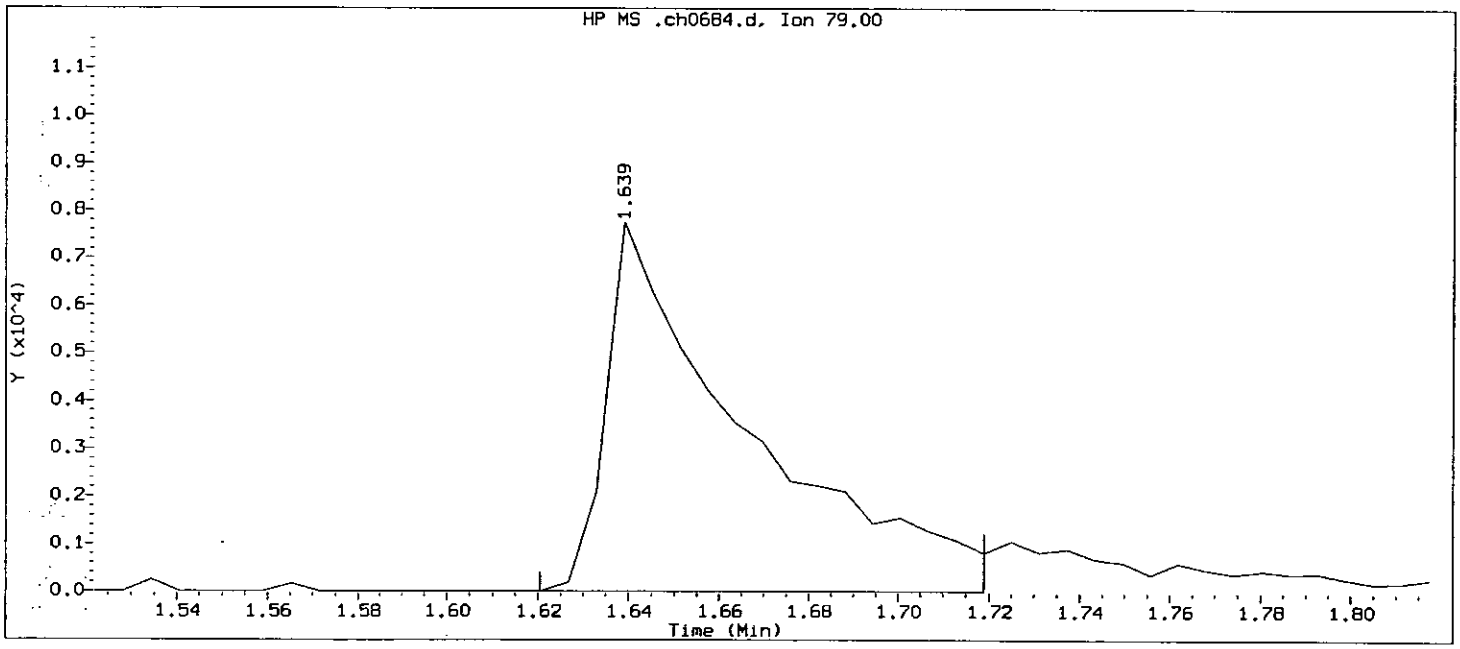
	Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
143)	Butylbenzylphthalate	(5)	9.983	149	36721	4.5622
145)	3,3'-Dichlorobenzidine	(5)	10.370	252	27376	4.7050
146)	Benzo(a)anthracene	(5)	10.370	228	68992	4.9001
147)	Hexabromobenzene	(5)	10.370	552	767M	4.7757
148)	4,4'-Methylenebis(2-Chloroanil	(5)	10.382	231	14568	4.8598
149)	Chrysene-d12	(5)	10.376	240	500637	40.0000
150)	Chrysene	(5)	10.395	228	69920	4.8923
151)	bis(2-Ethylhexyl)phthalate	(5)	10.468	149	51706	4.5608
152)	6-Methylchrysene	(5)	10.757	242	50953	4.6419
156)	Di-n-octylphthalate	(6)	10.985	149	84412	4.6561
157)	7,12-Dimethylbenz[a]anthracene	(6)	11.200	256	25199	3.6506
158)	Benzo(b)fluoranthene	(6)	11.200	252	75011	4.8878
159)	Benzo(k)fluoranthene	(6)	11.225	252	79084	4.9998
160)	Benzo(a)pyrene	(6)	11.440	252	69437M	4.7583
161)	Perylene-d12	(6)	11.483	264	458663	40.0000
162)	3-Methylcholanthrene	(6)	11.698	268	39256	4.8377
166)	Dibenz(a,h)acridine	(6)	12.073	279	54757	4.5452
167)	Dibenz(a,j)acridine	(6)	12.110	279	66282	5.0321
168)	Indeno(1,2,3-cd)pyrene	(6)	12.227	276	87963	4.9591
169)	Dibenz(a,h)anthracene	(6)	12.245	278	70634	5.0004
170)	Benzo(g,h,i)perylene	(6)	12.418	276	74934	4.9916
9)	2-Fluorophenol	(1)	3.158	112	16775	4.8479
13)	Phenol-d5	(1)	4.129	99	22180	4.8823
14)	Phenol-d6	(1)	4.129	99	22180	4.8823
35)	Nitrobenzene-d5	(2)	4.935	82	19003	5.0079
66)	2-Fluorobiphenyl	(3)	6.496	172	43335	4.9567
104)	2,4,6-Tribromophenol	(3)	7.677	330	7961	4.8271
138)	Terphenyl-d14	(5)	9.558	244	53093	4.7047

M = Compound was manually integrated. A = User selected an alternate hit

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP10623.i/07aug22.b/ch0684.d Instrument ID: HP10623.i
Injection date and time: 22-AUG-2007 11:14 Analyst ID: cam01237

Method used: /chem/HP10623.i/07aug22.b/m8270.m Sublist used: all1
Calibration date and time: 22-AUG-2007 11:28
Date, time and analyst ID of latest file update: 22-Aug-2007 11:29 Automation

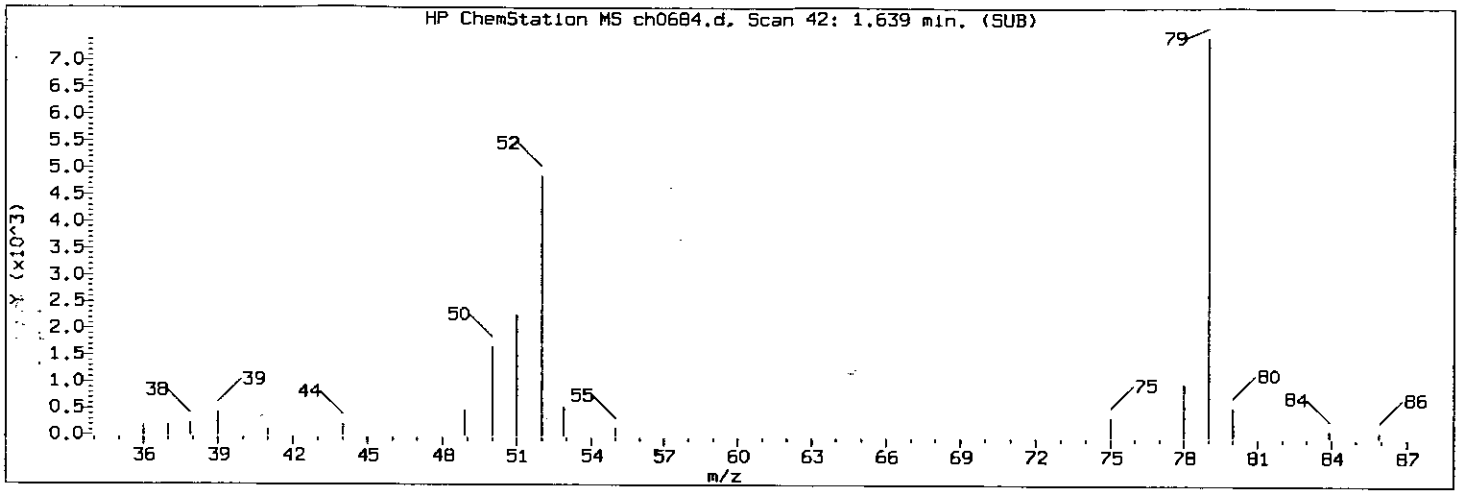
Sample Name: SSTD005 Lab Sample ID: STD2187

Compound Number	: 3
Compound Name	: Pyridine
Scan Number	: 42
Retention Time (minutes)	: 1.639
Quant Ion	: 79
Area	: 16503
Concentration (ng/ul)	: 4.3836
Integration start scan	: 38 Integration stop scan: 54
Y at integration start	: 0 Y at integration end: 0

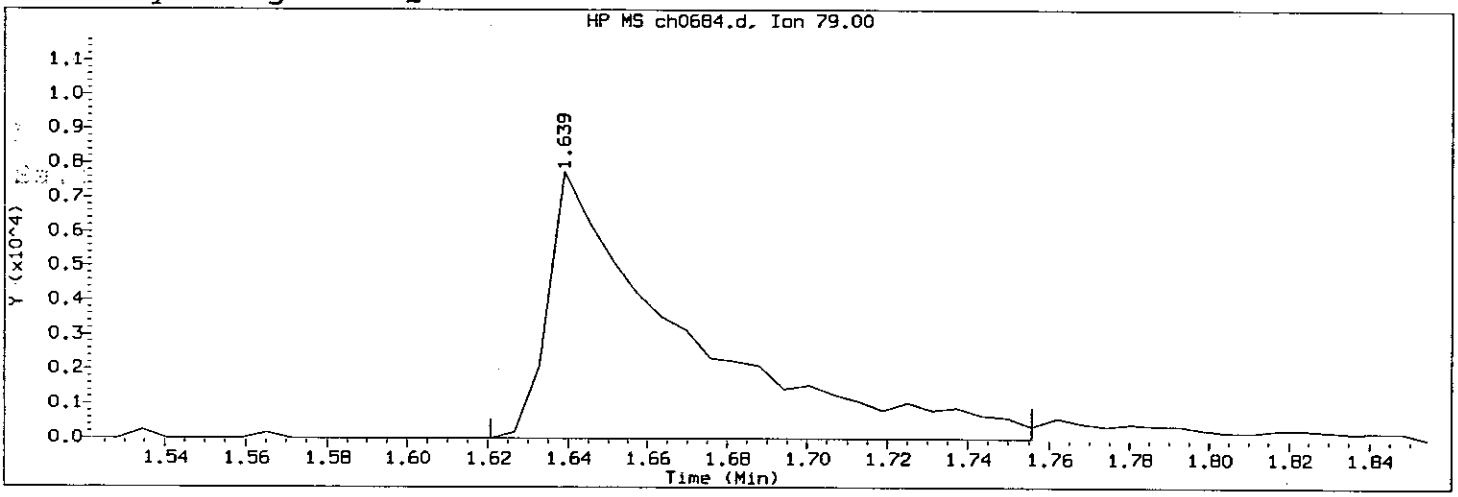
CM 0237
8/22/07
0484

Original Integration Report for data file /chem/HP10623.i/07aug22.b/ch0684.d, generated on 08/22/2007 at 12:42

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP10623.i/07aug22.b/ch0684.d Instrument ID: HP10623.i
Injection date and time: 22-AUG-2007 11:14 Analyst ID: cam01237

Method used: /chem/HP10623.i/07aug22.b/m8270.m Sublist used: all1
Calibration date and time: 22-AUG-2007 12:41
Date, time and analyst ID of latest file update: 22-Aug-2007 12:41 cam01237

Sample Name: SSTD005 Lab Sample ID: STD2187

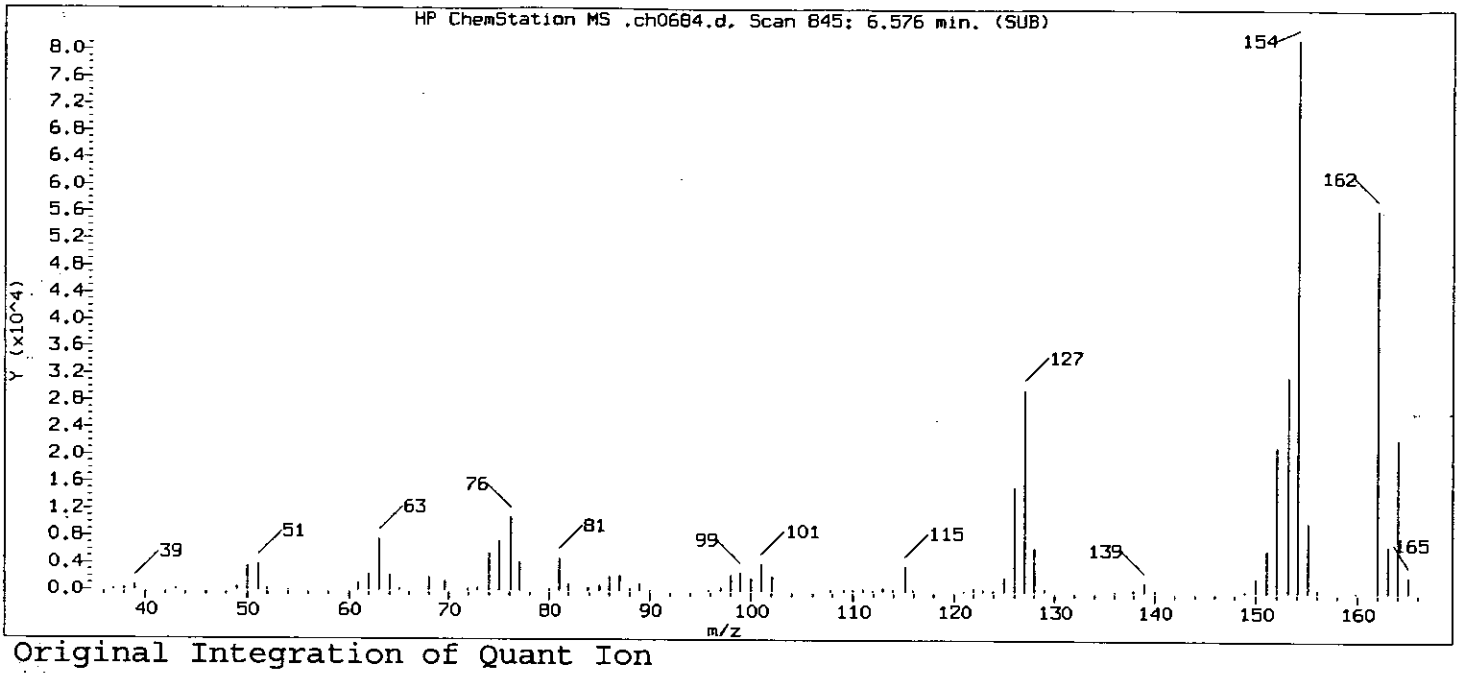
Compound Number : 3
Compound Name : Pyridine
Scan Number : 42
Retention Time (minutes): 1.639
Quant Ion : 79
Area (flag) : 18290 M
Concentration (ng/ul) : 4.7570
Integration start scan : 38 Integration stop scan: 60
Y at integration start : -2 Y at integration end: -2

Reason for manual integration (circle one): missed peak improper integration

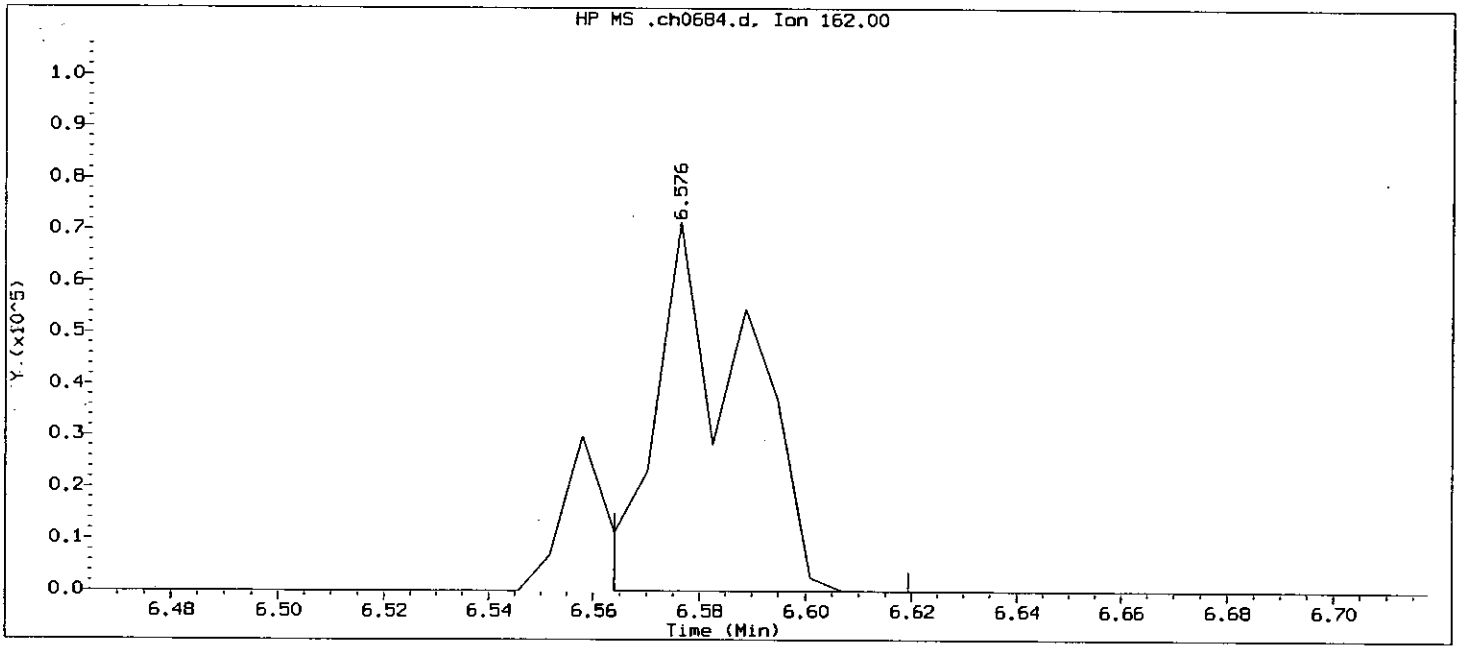
Analyst responsible for change: Cm 01237 8/22/07

GC/MS audit/management approval: 8485 8/22/07

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP10623.i/07aug22.b/ch0684.d Instrument ID: HP10623.i
Injection date and time: 22-AUG-2007 11:14 Analyst ID: cam01237

Method used: /chem/HP10623.i/07aug22.b/m8270.m Sublist used: all1
Calibration date and time: 22-AUG-2007 11:28
Date, time and analyst ID of latest file update: 22-Aug-2007 11:29 Automation

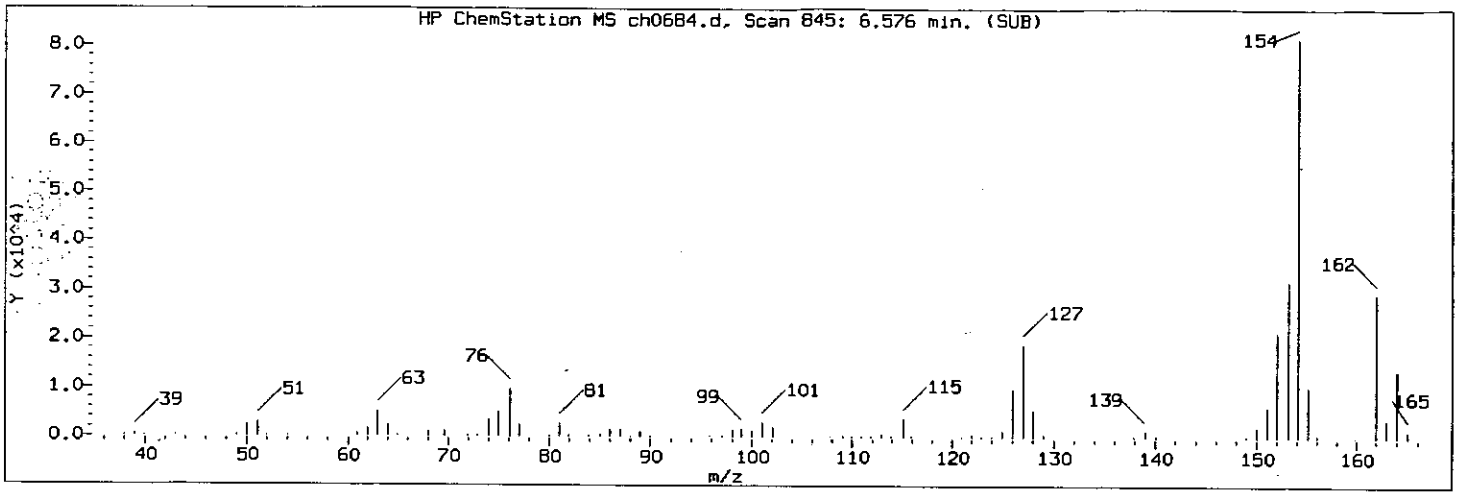
Sample Name: SSTD005 Lab Sample ID: STD2187

Compound Number : 71
Compound Name : 2-Chloronaphthalene
Scan Number : 845
Retention Time (minutes): 6.576
Quant Ion : 162
Area : 82410
Concentration (ng/ul) : 6.5957
Integration start scan : 842 Integration stop scan: 851
Y at integration start : 0 Y at integration end: 0

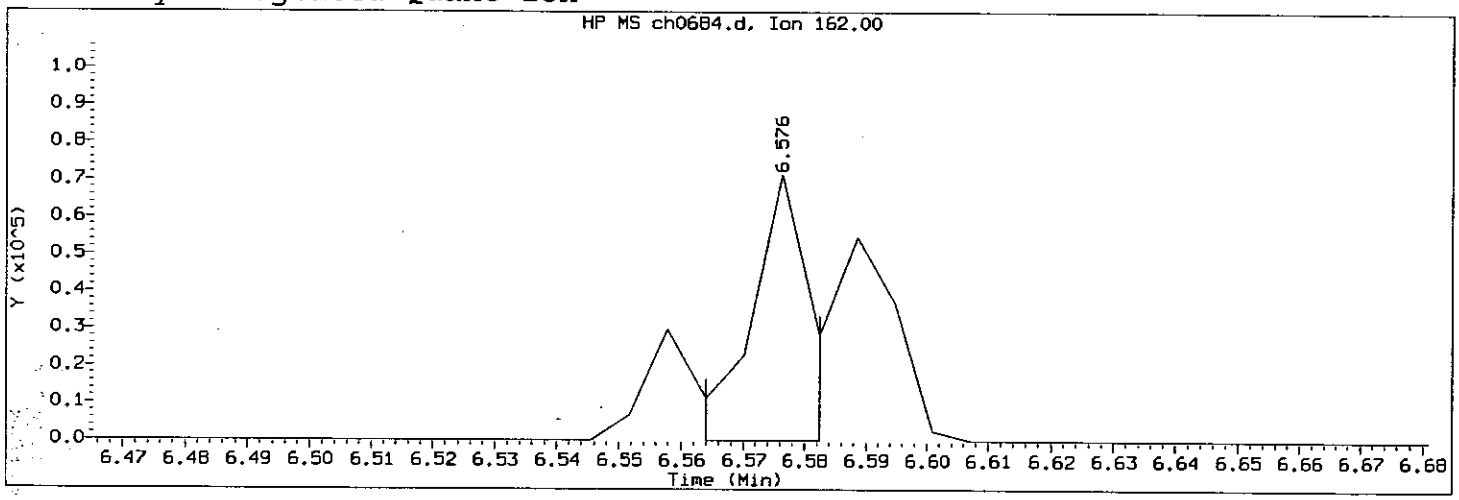
cm 01237
8/22/07
8486

Original Integration Report for data file /chem/HP10623.i/07aug22.b/ch0684.d, generated on 08/22/2007 at 12:42

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP10623.i/07aug22.b/ch0684.d Instrument ID: HP10623.i
Injection date and time: 22-AUG-2007 11:14 Analyst ID: cam01237

Method used: /chem/HP10623.i/07aug22.b/m8270.m Sublist used: all1
Calibration date and time: 22-AUG-2007 12:41
Date, time and analyst ID of latest file update: 22-Aug-2007 12:41 cam01237

Sample Name: SSTD005 Lab Sample ID: STD2187

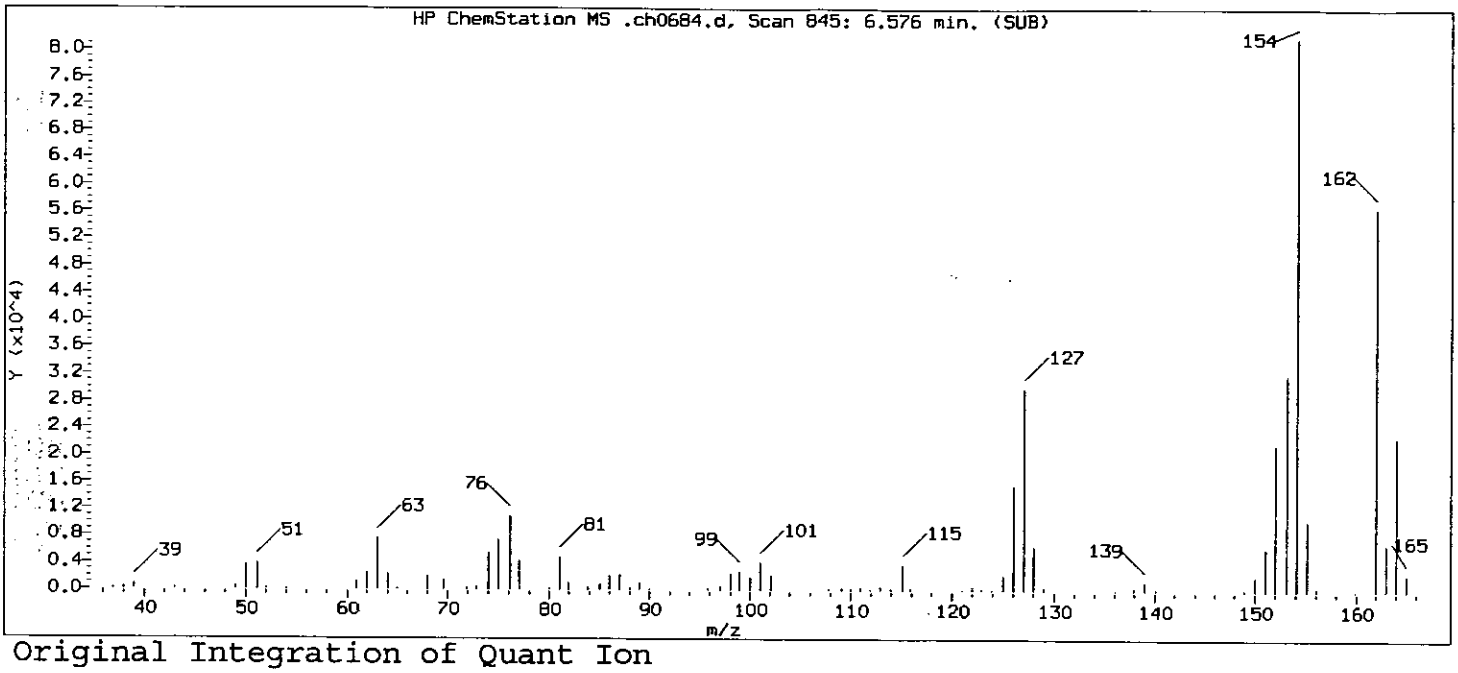
Compound Number : 71
Compound Name : 2-Chloronaphthalene
Scan Number : 845
Retention Time (minutes): 6.576
Quant Ion : 162
Area (flag) : 49569 M
Concentration (ng/ul) : 4.9168
Integration start scan : 842 Integration stop scan: 845
Y at integration start : 0 Y at integration end: 0

Reason for manual integration (circle one): missed peak (improper integration)

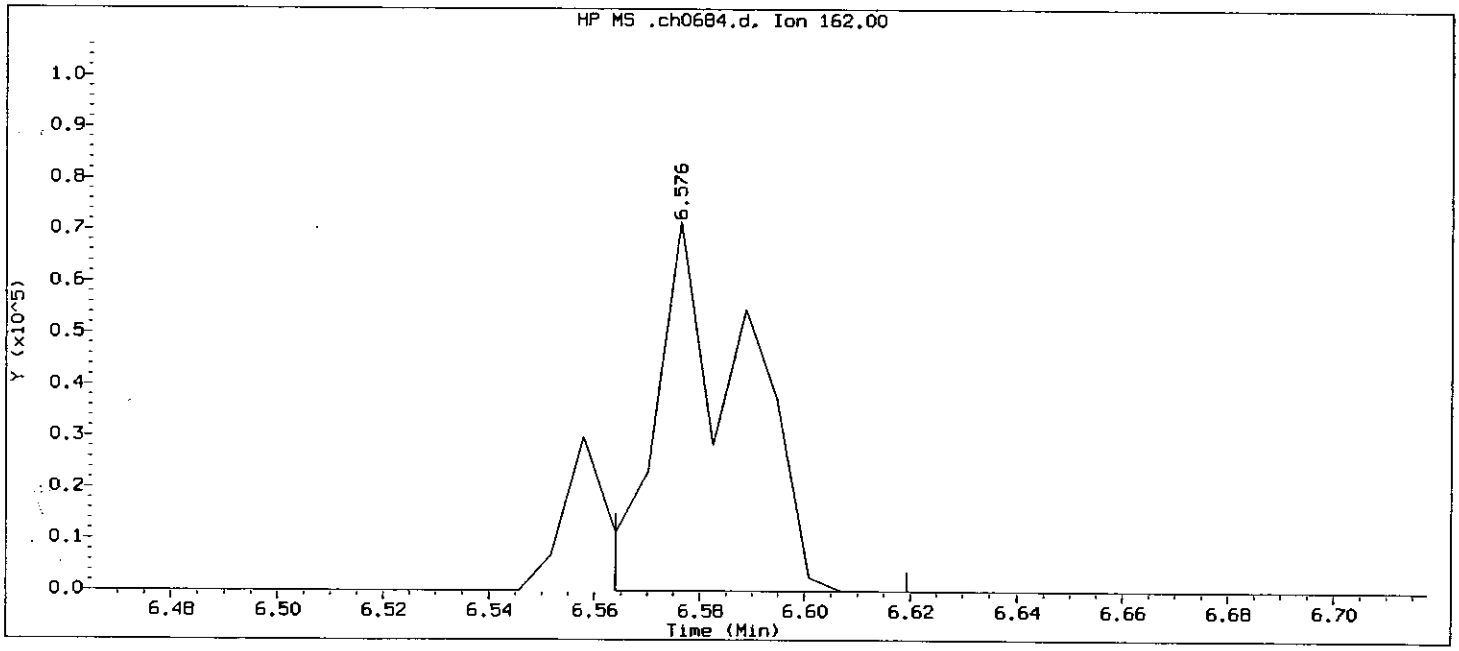
Analyst responsible for change: Cm01237 8/22/07

GC/MS audit/management approval: Cmr/ysc 8/22/07

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP10623.i/07aug22.b/ch0684.d Instrument ID: HP10623.i
Injection date and time: 22-AUG-2007 11:14 Analyst ID: cam01237

Method used: /chem/HP10623.i/07aug22.b/m8270.m Sublist used: all1
Calibration date and time: 22-AUG-2007 11:28
Date, time and analyst ID of latest file update: 22-Aug-2007 11:29 Automation

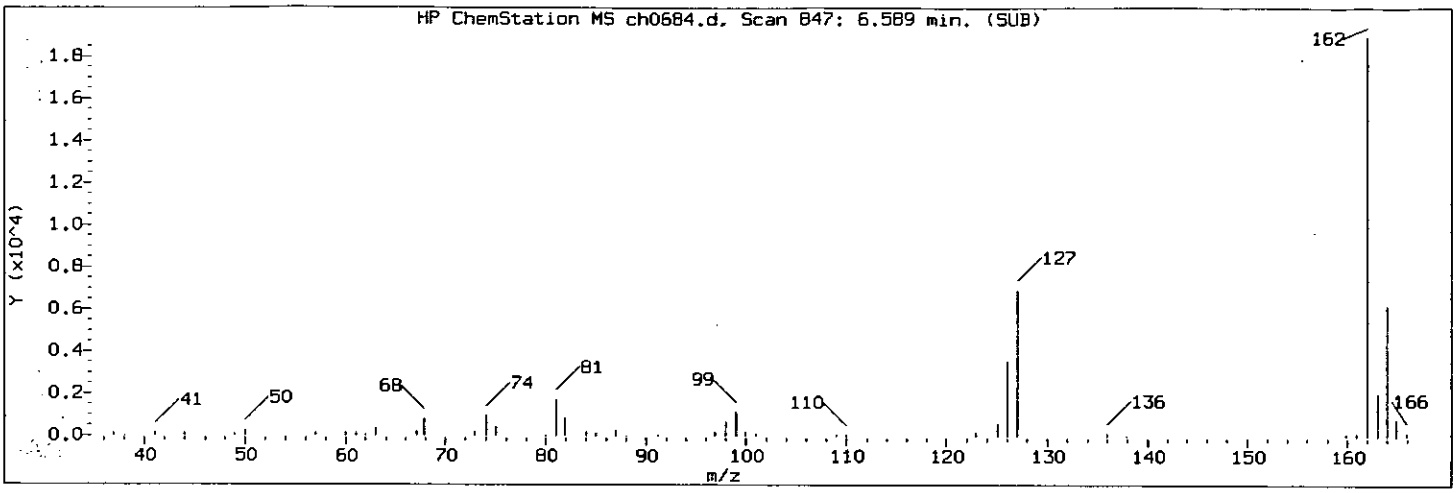
Sample Name: SSTD005 Lab Sample ID: STD2187

Compound Number : 72
Compound Name : 1-Chloronaphthalene
Scan Number : 845
Retention Time (minutes): 6.576
Quant Ion : 162
Area : 82407
Concentration (ng/ul) : 7.5778
Integration start scan : 842 Integration stop scan: 851
Y at integration start : 0 Y at integration end: 0

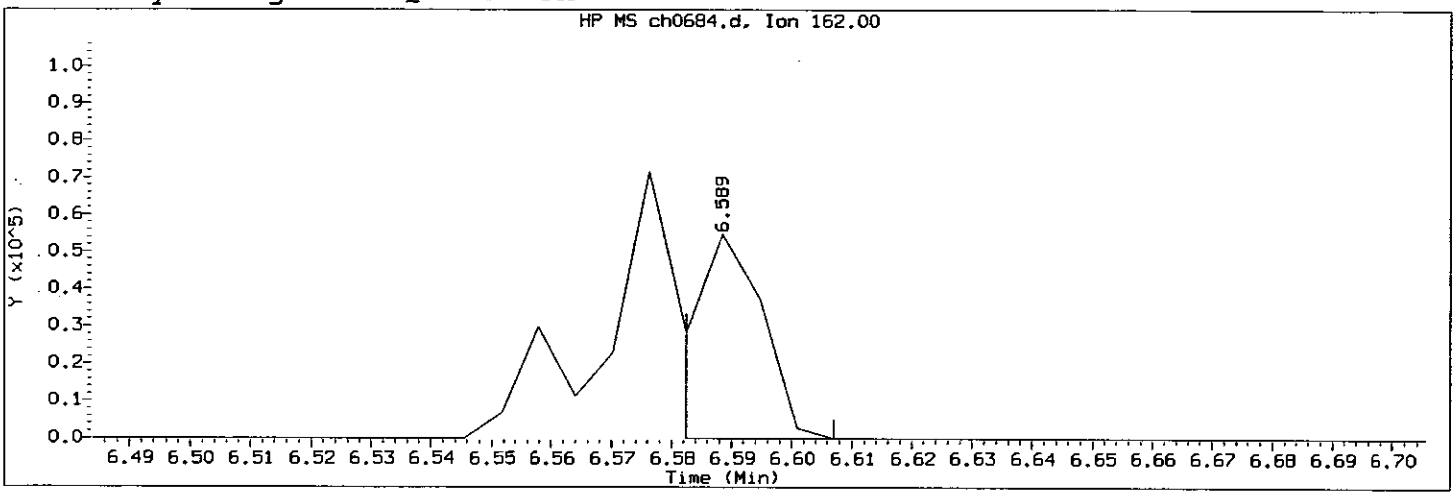
cm 01237
8/22/07

Original Integration Report for data file /chem/HP10623.i/07aug22.b/ch0684.d, generated on 08/22/2007 at 12:42

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP10623.i/07aug22.b/ch0684.d Instrument ID: HP10623.i
Injection date and time: 22-AUG-2007 11:14 Analyst ID: cam01237

Method used: /chem/HP10623.i/07aug22.b/m8270.m Sublist used: all1
Calibration date and time: 22-AUG-2007 12:41
Date, time and analyst ID of latest file update: 22-Aug-2007 12:41 cam01237

Sample Name: SSTD005 Lab Sample ID: STD2187

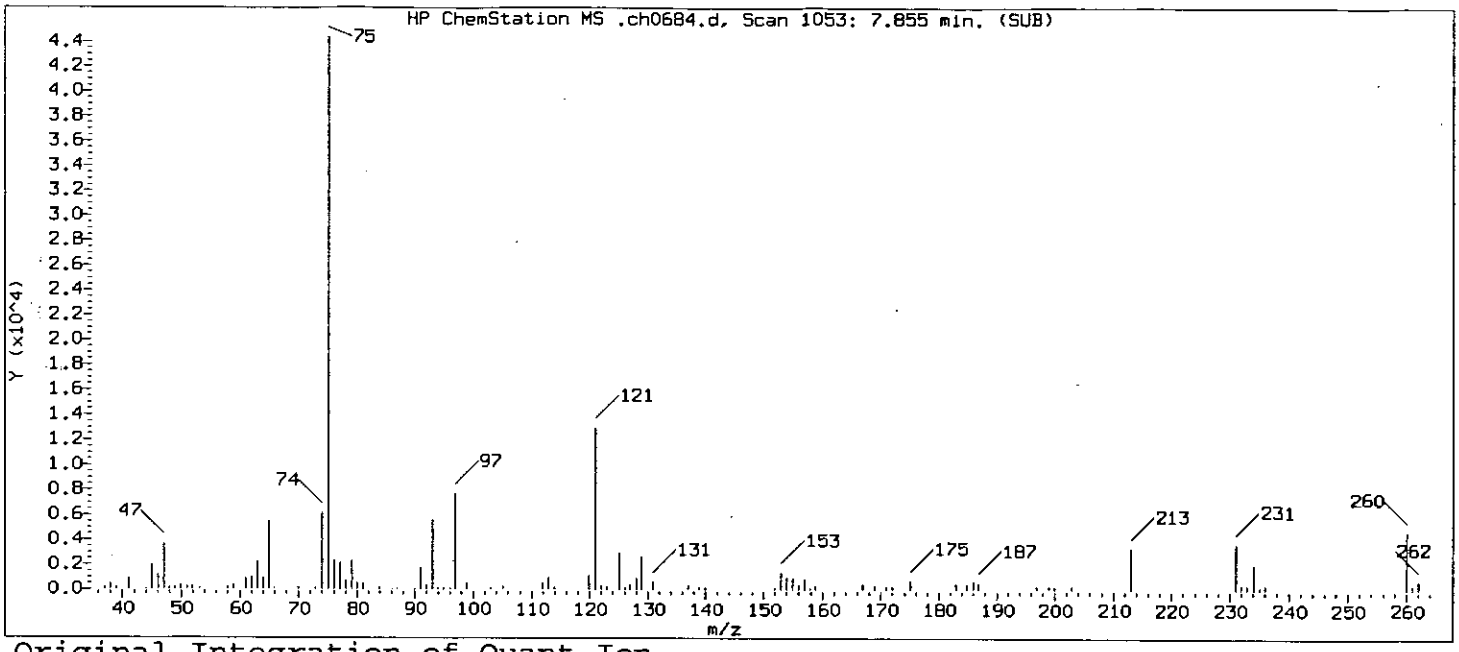
Compound Number : 72
Compound Name : 1-Chloronaphthalene
Scan Number : 847
Retention Time (minutes): 6.589
Quant Ion : 162
Area (flag) : 45503 M
Concentration (ng/ul) : 5.3253
Integration start scan : 845 Integration stop scan: 849
Y at integration start : -36 Y at integration end: -77

Reason for manual integration (circle one): missed peak improper integration

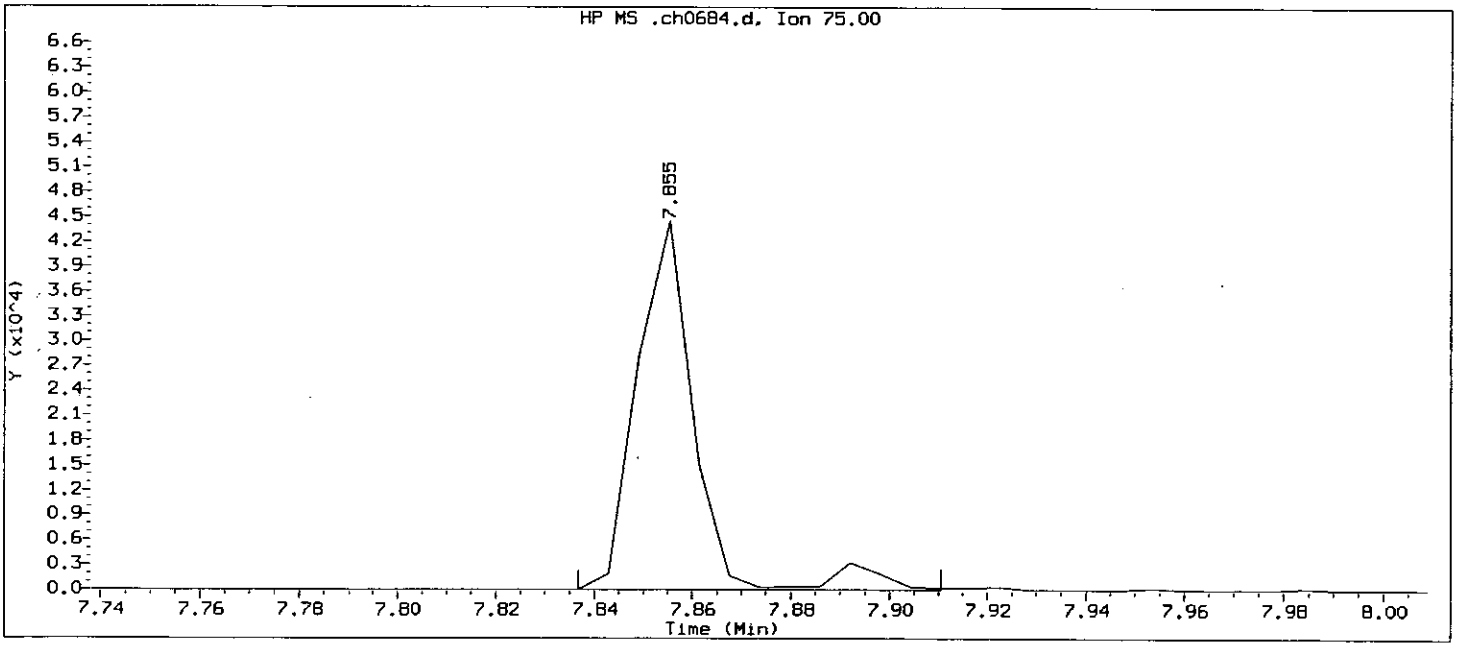
Analyst responsible for change: Cm 01237 8/22/07

GC/MS audit/management approval: Cmr/412 8/22/07

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP10623.i/07aug22.b/ch0684.d Instrument ID: HP10623.i
Injection date and time: 22-AUG-2007 11:14 Analyst ID: cam01237

Method used: /chem/HP10623.i/07aug22.b/m8270.m Sublist used: all1
Calibration date and time: 22-AUG-2007 11:28
Date, time and analyst ID of latest file update: 22-Aug-2007 11:29 Automation

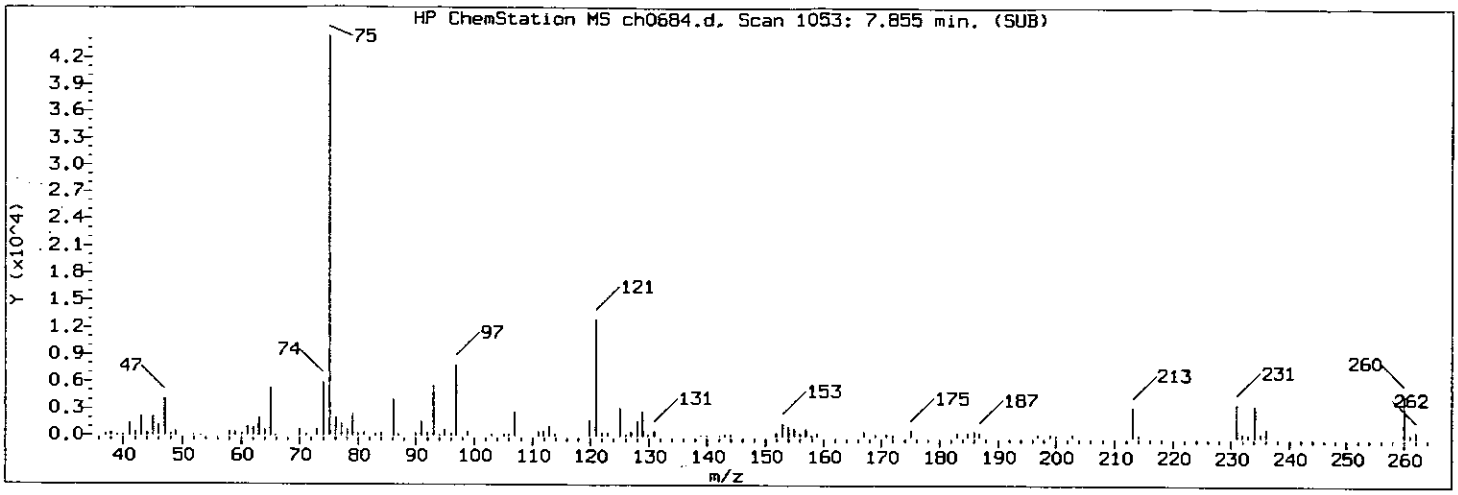
Sample Name: SSTD005 Lab Sample ID: STD2187

Compound Number	: 108
Compound Name	: Phorate
Scan Number	: 1053
Retention Time (minutes)	: 7.855
Quant Ion	: 75
Area	: 36114
Concentration (ng/ul)	: 4.8218
Integration start scan	: 1049 Integration stop scan: 1061
Y at integration start	: 0 Y at integration end: 0

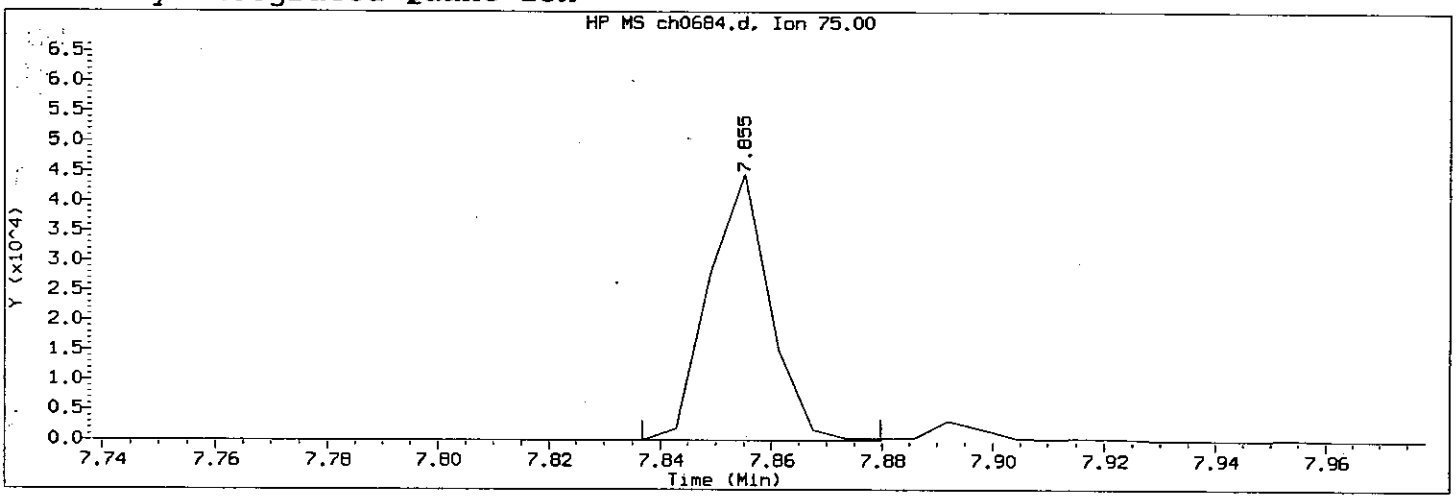
cm0237
8/22/07
0498

Original Integration Report for data file /chem/HP10623.i/07aug22.b/ch0684.d, generated on 08/22/2007 at 12:42

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP10623.i/07aug22.b/ch0684.d Instrument ID: HP10623.i
Injection date and time: 22-AUG-2007 11:14 Analyst ID: cam01237

Method used: /chem/HP10623.i/07aug22.b/m8270.m Sublist used: all1
Calibration date and time: 22-AUG-2007 12:41
Date, time and analyst ID of latest file update: 22-Aug-2007 12:41 cam01237

Sample Name: SSTD005 Lab Sample ID: STD2187

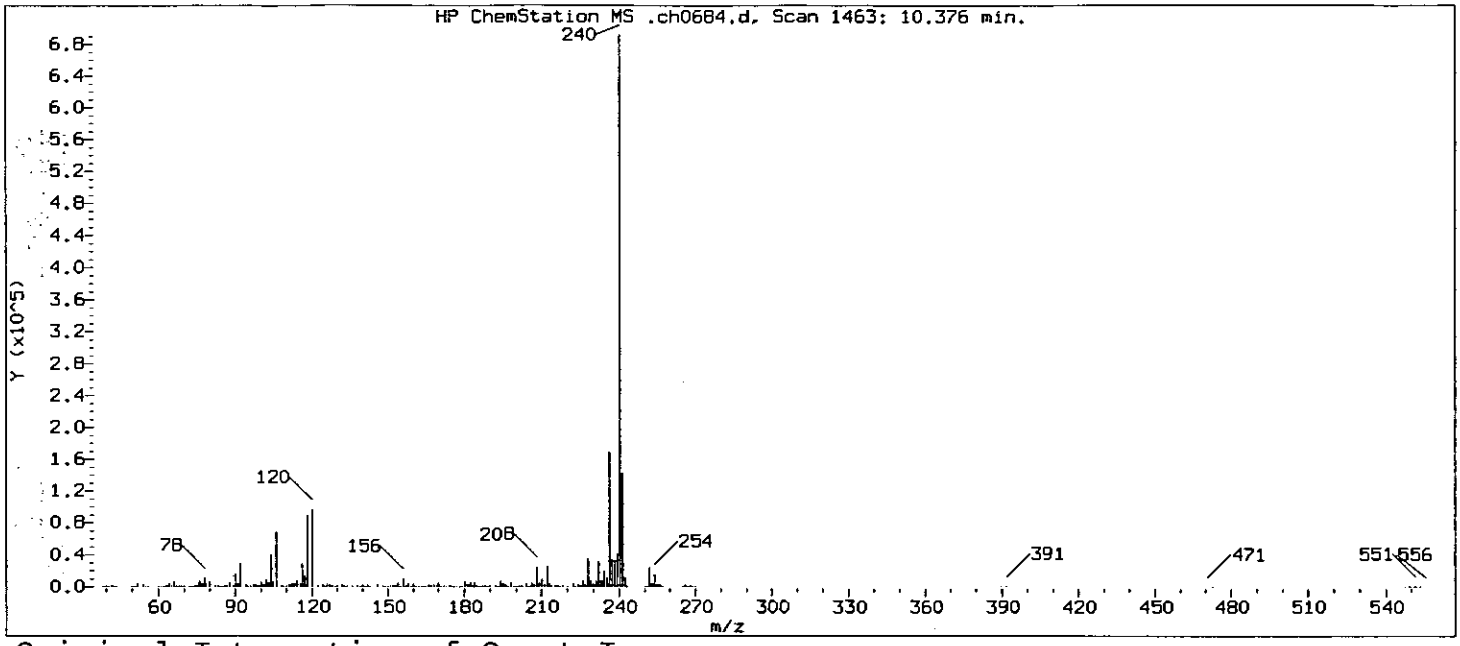
Compound Number : 108
Compound Name : Phorate
Scan Number : 1053
Retention Time (minutes): 7.855
Quant Ion : 75
Area (flag) : 33944 M
Concentration (ng/ul) : 5.1935
Integration start scan : 1049 Integration stop scan: 1056
Y at integration start : 0 Y at integration end: 0

Reason for manual integration (circle one): missed peak improper integration

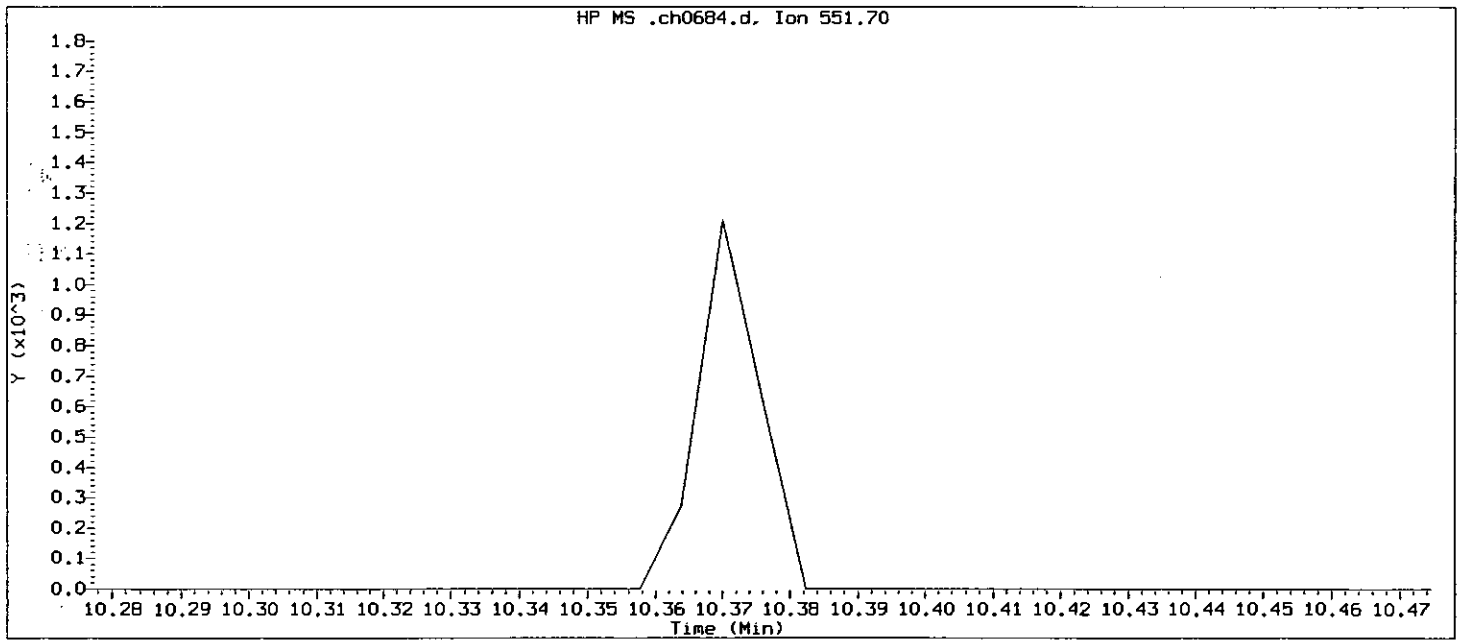
Analyst responsible for change: Cm 01237 8/22/07

GC/MS audit/management approval: Cmn/412 8/22/07 8491

Sample Spectrum



Original Integration of Quant Ion



Data File: /chem/HP10623.i/07aug22.b/ch0684.d Instrument ID: HP10623.i
Injection date and time: 22-AUG-2007 11:14 Analyst ID: cam01237

Method used: /chem/HP10623.i/07aug22.b/m8270.m Sublist used: all1
Calibration date and time: 22-AUG-2007 11:28
Date, time and analyst ID of latest file update: 22-Aug-2007 11:29 Automation

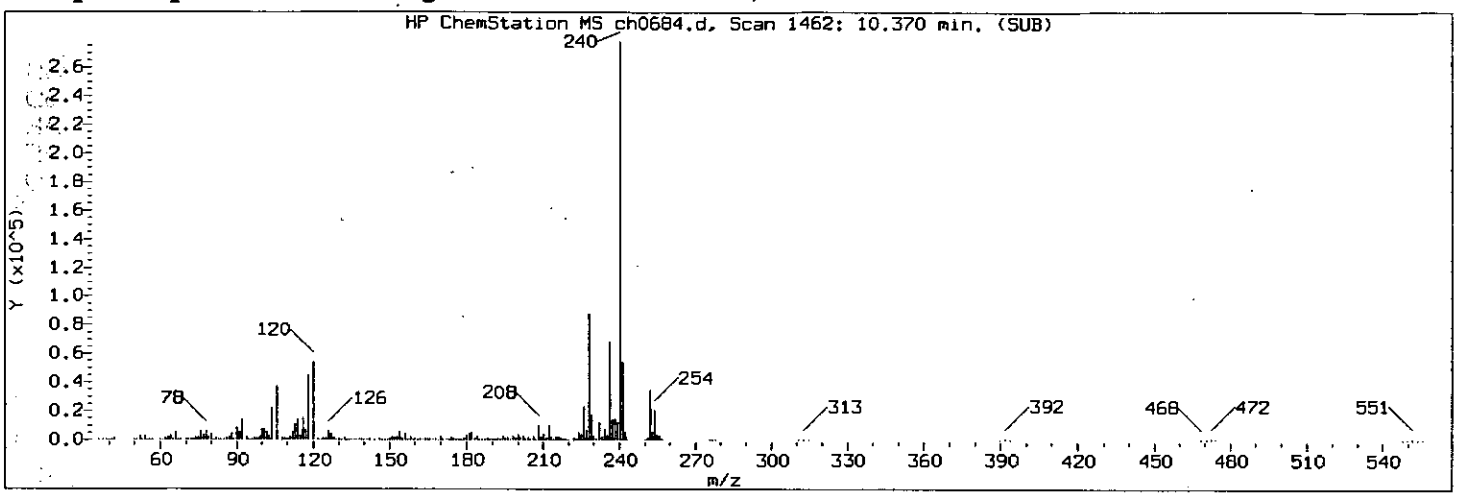
Sample Name: SSTD005 Lab Sample ID: STD2187

Compound Number : 147
Compound Name : Hexabromobenzene
Expected RT (minutes) : 10.376
Quant Ion : 552

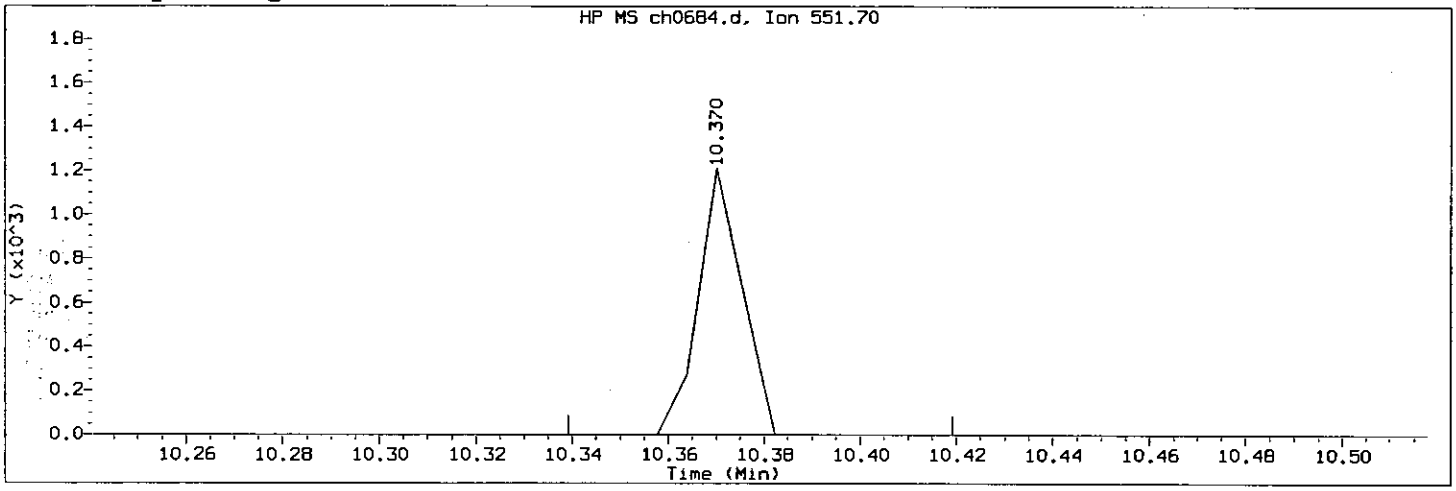
Cm 01237
8/22/07

Original Integration Report for data file /chem/HP10623.i/07aug22.b/ch0684.d, generated on 08/22/2007 at 12:42

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP10623.i/07aug22.b/ch0684.d Instrument ID: HP10623.i
Injection date and time: 22-AUG-2007 11:14 Analyst ID: cam01237

Method used: /chem/HP10623.i/07aug22.b/m8270.m Sublist used: all1
Calibration date and time: 22-AUG-2007 12:41
Date, time and analyst ID of latest file update: 22-Aug-2007 12:41 cam01237

Sample Name: SSTD005 Lab Sample ID: STD2187

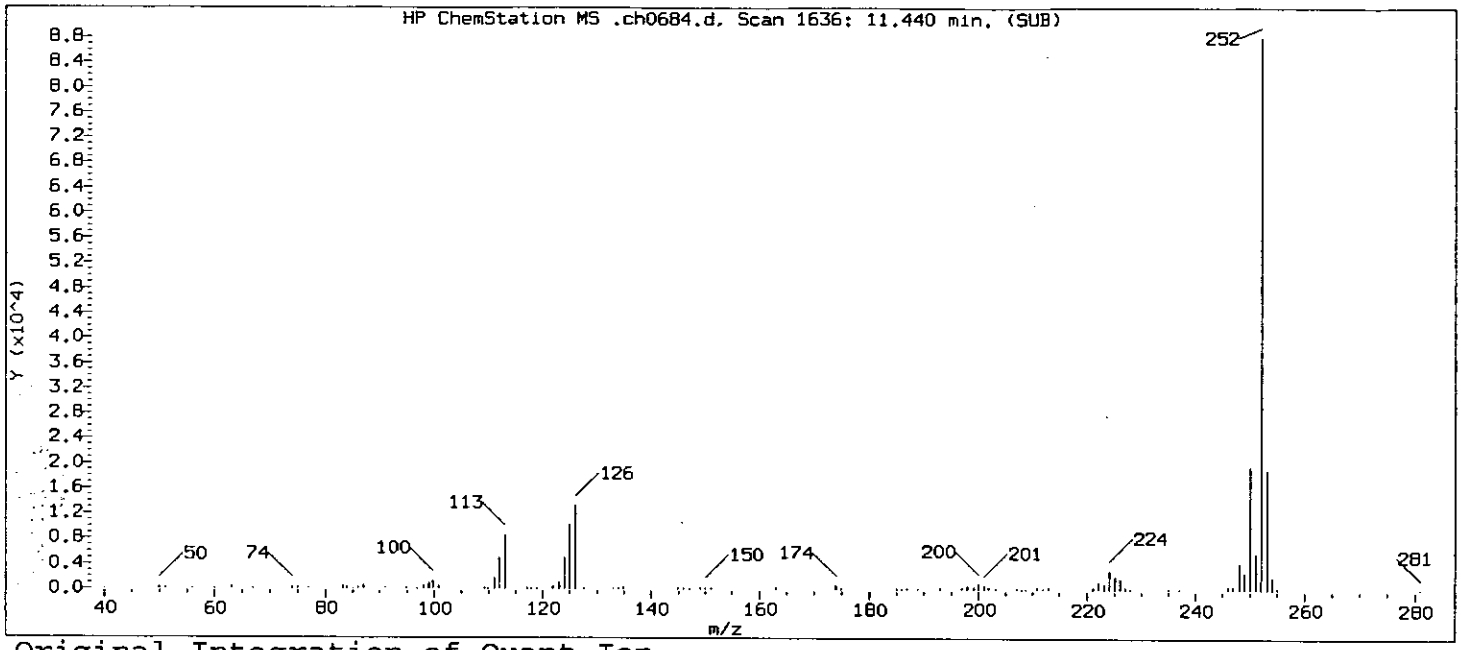
Compound Number : 147
Compound Name : Hexabromobenzene
Scan Number : 1462
Retention Time (minutes): 10.370
Quant Ion : 552
Area (flag) : 767 M
Concentration (ng/ul) : 4.7757
Integration start scan : 1456 Integration stop scan: 1469
Y at integration start : 0 Y at integration end: 0

Reason for manual integration (circle one): missed peak improper integration

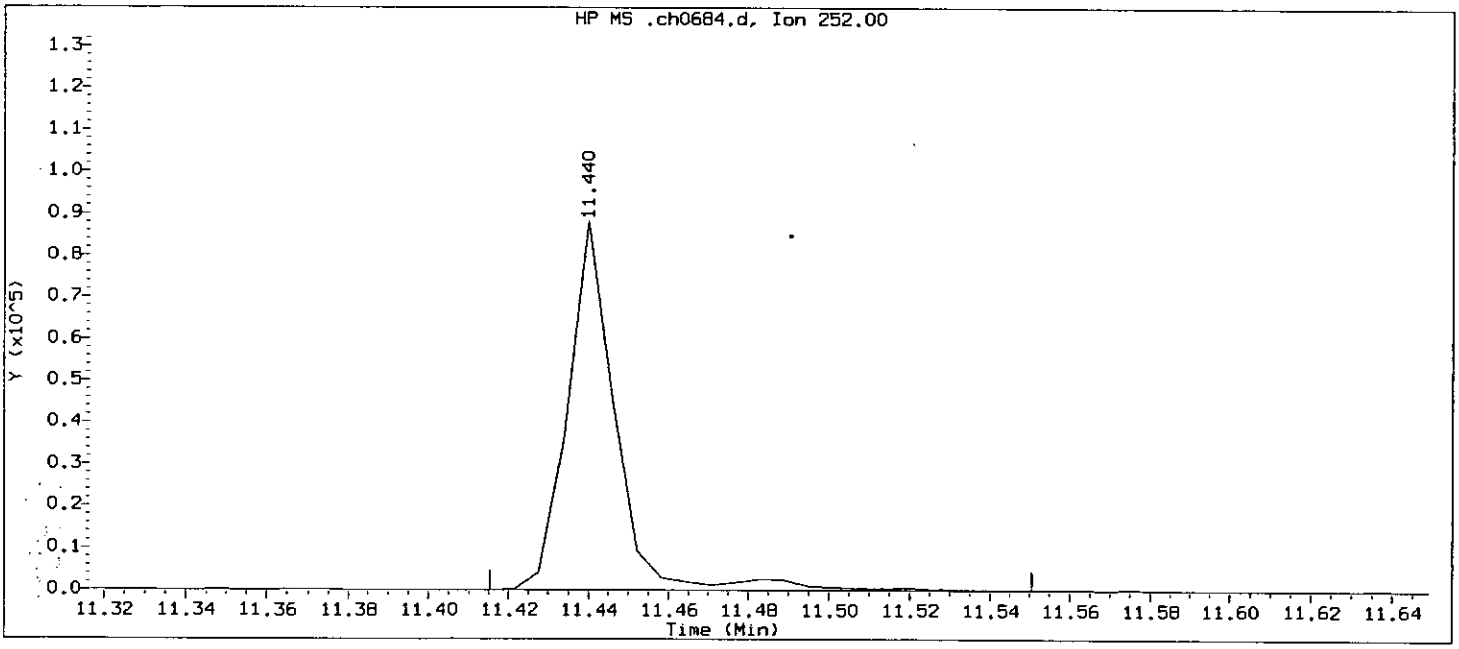
Analyst responsible for change: Cm 01237 8/22/07

GC/MS audit/management approval: Cmr/412 8/22/07

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP10623.i/07aug22.b/ch0684.d Instrument ID: HP10623.i
Injection date and time: 22-AUG-2007 11:14 Analyst ID: cam01237

Method used: /chem/HP10623.i/07aug22.b/m8270.m Sublist used: all1
Calibration date and time: 22-AUG-2007 11:28
Date, time and analyst ID of latest file update: 22-Aug-2007 11:29 Automation

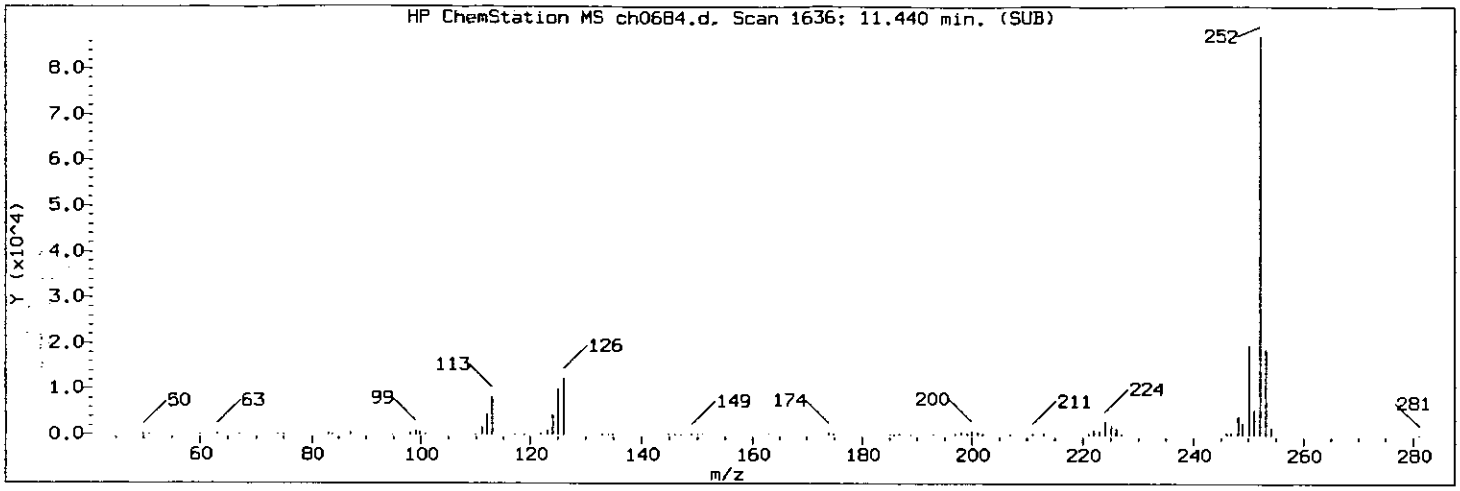
Sample Name: SSTD005 Lab Sample ID: STD2187

Compound Number	: 160
Compound Name	: Benzo(a)pyrene
Scan Number	: 1636
Retention Time (minutes)	: 11.440
Quant Ion	: 252
Area	: 73386
Concentration (ng/ul)	: 4.9634
Integration start scan	: 1631 Integration stop scan: 1653
Y at integration start	: 0 Y at integration end: 0

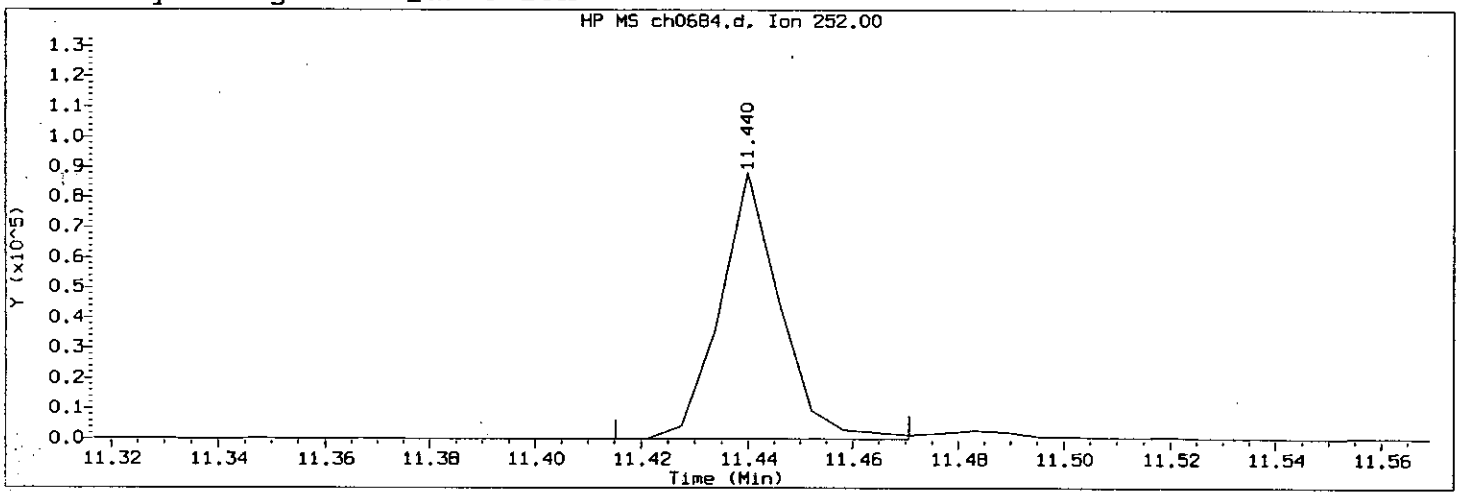
CM01237
8494 8/22/07

Original Integration Report for data file /chem/HP10623.i/07aug22.b/ch0684.d, generated on 08/22/2007 at 12:42

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP10623.i/07aug22.b/ch0684.d Instrument ID: HP10623.i
Injection date and time: 22-AUG-2007 11:14 Analyst ID: cam01237

Method used: /chem/HP10623.i/07aug22.b/m8270.m Sublist used: all1
Calibration date and time: 22-AUG-2007 12:41
Date, time and analyst ID of latest file update: 22-Aug-2007 12:41 cam01237

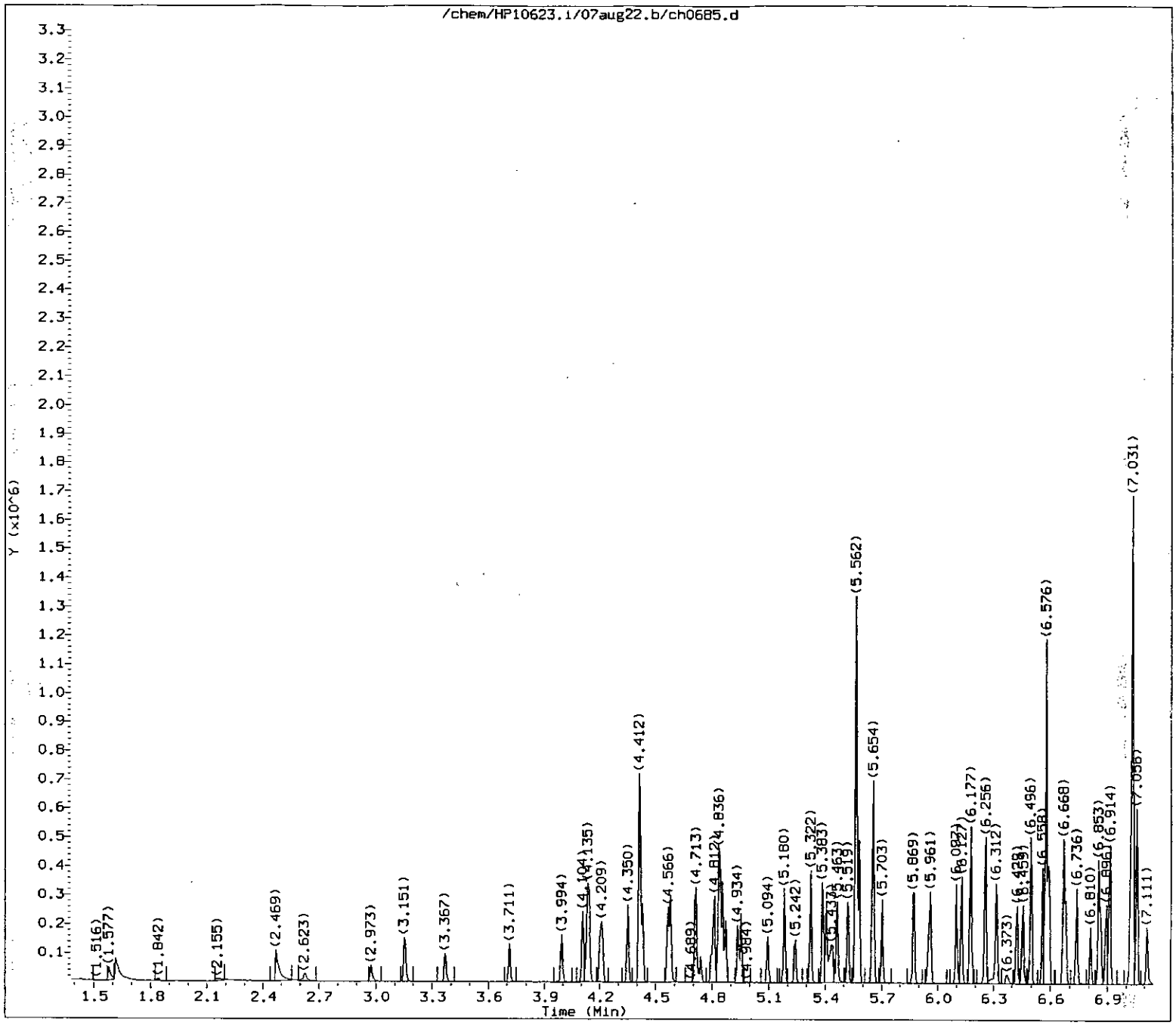
Sample Name: SSTD005 Lab Sample ID: STD2187

Compound Number : 160
Compound Name : Benzo(a)pyrene
Scan Number : 1636
Retention Time (minutes): 11.440
Quant Ion : 252
Area (flag) : 69437 M
Concentration (ng/ul) : 4.7583
Integration start scan : 1631 Integration stop scan: 1640
Y at integration start : 0 Y at integration end: 0

Reason for manual integration (circle one): missed peak improper integration

Analyst responsible for change: CM01237 8/22/07

GC/MS audit/management approval: CMR/HK 8/22/07



Quant Report

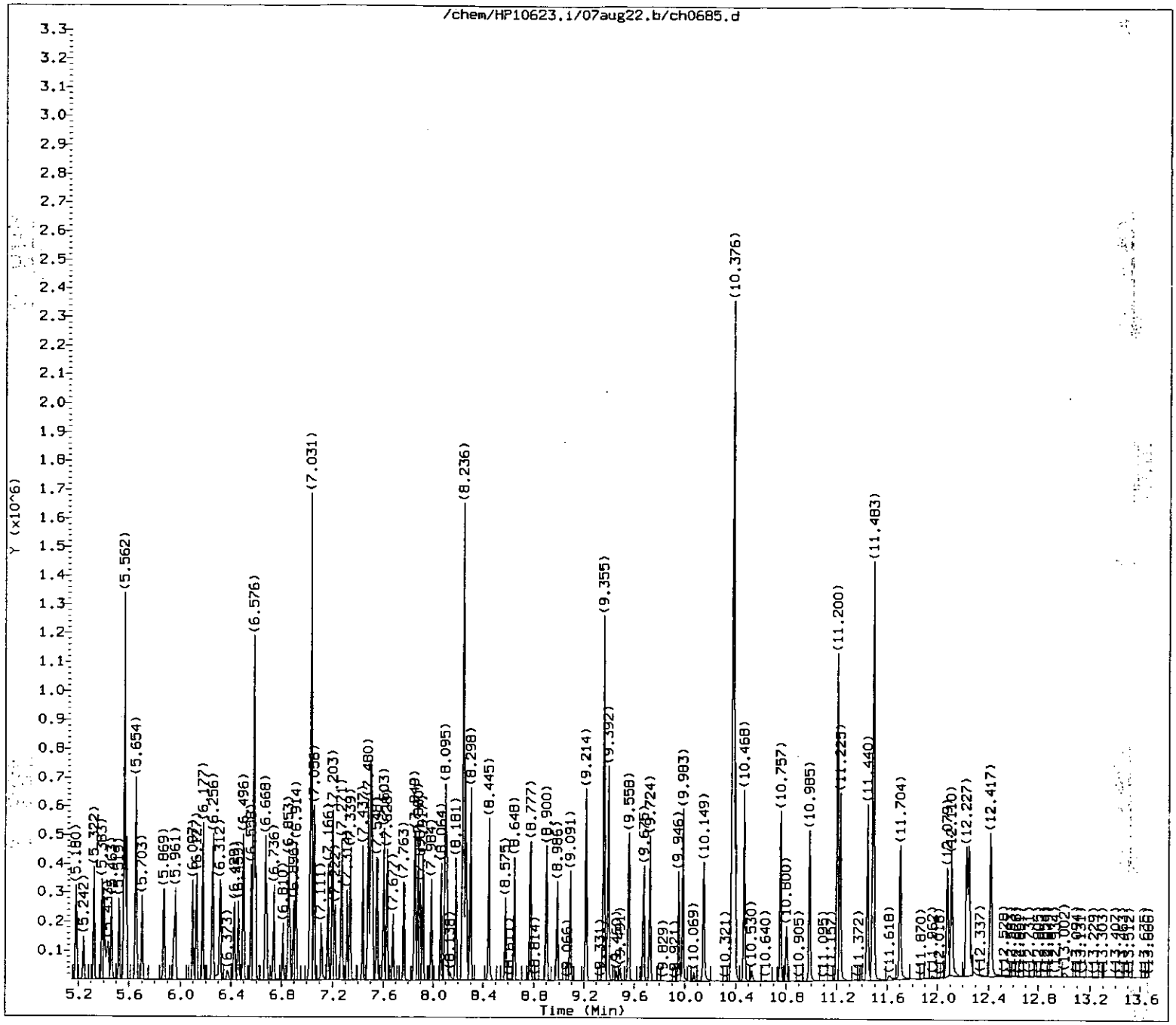
Target Revision 3.5

Data File: /chem/HP10623.i/07aug22.b/ch0685.d Instrument ID: HP10623.i
Injection date and time: 22-AUG-2007 11:35 Analyst ID: cam01237

Method used: /chem/HP10623.i/07aug22.b/m8270.m Sublist used: all1
Calibration date and time: 22-AUG-2007 12:42
Date, time and analyst ID of latest file update: 22-Aug-2007 12:42 cam01237

Sample Name: SSTD015 Lab Sample ID: STD2187

cam01237
8/22/07



Quant Report

Target Revision 3.5

Data File: /chem/HP10623.i/07aug22.b/ch0685.d Instrument ID: HP10623.i
Injection date and time: 22-AUG-2007 11:35 Analyst ID: cam01237

Method used: /chem/HP10623.i/07aug22.b/m8270.m Sublist used: all1
Calibration date and time: 22-AUG-2007 12:42
Date, time and analyst ID of latest file update: 22-Aug-2007 12:42 cam01237

Sample Name: SSTD015 Lab Sample ID: STD2187

cam 01237

8/22/07

Quant Report

Target Revision 3.5

Data File: /chem/HP10623.i/07aug22.b/ch0685.d Instrument ID: HP10623.i
Injection date and time: 22-AUG-2007 11:35 Analyst ID: cam01237

Method used: /chem/HP10623.i/07aug22.b/m8270.m Sublist used: all1
Calibration date and time: 22-AUG-2007 12:42
Date, time and analyst ID of latest file update: 22-Aug-2007 12:42 cam01237

Sample Name: SSTD015 Lab Sample ID: STD2187

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
2) N-Nitrosodimethylamine	(1)	1.577	74	26074	13.3707
3) Pyridine	(1)	1.614	79	51900	14.5400
5) 2-Picoline	(1)	2.469	93	50231	13.7489
15) Phenol	(1)	4.141	94	64860	14.2487
16) Aniline	(1)	4.104	93	81555	14.4021
18) bis(2-Chloroethyl)ether	(1)	4.203	93	50824	14.4011
19) 2-Chlorophenol	(1)	4.215	128	49694	14.2559
20) 1,3-Dichlorobenzene	(1)	4.350	146	50992	14.0830
21) 1,4-Dichlorobenzene-d4	(1)	4.412	152	91374	40.0000
22) 1,4-Dichlorobenzene	(1)	4.430	146	51675	13.9241
23) Benzyl alcohol	(1)	4.578	108	37548	14.9655
24) 1,2-Dichlorobenzene	(1)	4.566	146	50460	14.1416
25) 2-Methylphenol	(1)	4.713	108	50166	14.4401
26) 2,2'-oxybis(1-Chloropropane)	(1)	4.719	45	43071	14.5179
27) bis(2-Chloroisopropyl)ether	(1)	4.719	45	43071	14.5179
29) Acetophenone	(1)	4.812	105	76321	14.7116
30) N-Nitroso-di-n-propylamine	(1)	4.830	70	37513	14.7095
31) 4-Methylphenol	(1)	4.855	108	59264	15.1597
33) o-Toluidine	(1)	4.842	106	86238	14.7506
34) Hexachloroethane	(1)	4.873	117	18457	13.7653
36) Nitrobenzene	(2)	4.953	77	52819	13.9565
38) Isophorone	(2)	5.180	82	104786	13.9944
39) 2-Nitrophenol	(2)	5.242	139	27022	13.8394
40) 2,4-Dimethylphenol	(2)	5.322	107	53183	14.1048
42) bis(2-Chloroethoxy)methane	(2)	5.402	93	58021M	14.1681
43) Benzoic acid	(2)	5.433	105	78603	28.9979
44) 2,4-Dichlorophenol	(2)	5.463	162	45015	14.2662
45) 1,2,4-Trichlorobenzene	(2)	5.519	180	43643	13.7804
46) Naphthalene-d8	(2)	5.562	136	422669	40.0000
47) Naphthalene	(2)	5.580	128	158213	14.2791
48) 4-Chloroaniline	(2)	5.654	127	68320	14.7215
49) 2,6-Dichlorophenol	(2)	5.654	162	42746	14.1212
51) Hexachlorobutadiene	(2)	5.703	225	21934	13.9500
52) Quinoline	(2)	5.875	129	108531	14.2292
53) Caprolactam	(2)	5.955	113	18640	13.8940
55) 4-Chloro-3-methylphenol	(2)	6.097	107	49848	14.1506
58) 2-Methylnaphthalene	(2)	6.177	142	110436	14.2426
60) 1-Methylnaphthalene	(2)	6.256	142	106742	14.3614
61) Hexachlorocyclopentadiene	(3)	6.312	237	8036	9.5385
62) 1,2,4,5-Tetrachlorobenzene	(3)	6.318	216	43922	13.9853
64) 2,4,6-Trichlorophenol	(3)	6.429	196	31556	13.6628
65) 2,4,5-Trichlorophenol	(3)	6.459	196	35716	13.5581
68) Biphenyl	(3)	6.576	154	141607	14.6181

M = Compound was manually integrated. A = User selected an alternate hit

Quant Report

Target Revision 3.5

Data File: /chem/HP10623.i/07aug22.b/ch0685.d Instrument ID: HP10623.i
Injection date and time: 22-AUG-2007 11:35 Analyst ID: cam01237

Method used: /chem/HP10623.i/07aug22.b/m8270.m Sublist used: all1
Calibration date and time: 22-AUG-2007 12:42
Date, time and analyst ID of latest file update: 22-Aug-2007 12:42 cam01237

Sample Name: SSTD015 Lab Sample ID: STD2187

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
69) Diphenyl	(3)	6.576	154	141607	14.6181
70) 1,1'-Biphenyl	(3)	6.576	154	141607	14.6181
71) 2-Chloronaphthalene	(3)	6.576	162	136107M	13.9411
72) 1-Chloronaphthalene	(3)	6.588	162	132675M	16.0339
73) Diphenyl ether	(3)	6.668	170	75385	14.0487
74) 2-Nitroaniline	(3)	6.681	138	38699	13.8783
77) Dimethylphthalate	(3)	6.853	163	127158	14.1532
79) 2,6-Dinitrotoluene	(3)	6.896	165	29840	13.9276
80) Acenaphthylene	(3)	6.914	152	157072	14.0651
81) 3-Nitroaniline	(3)	7.019	138	33129	13.8112
82) Acenaphthene-d10	(3)	7.031	164	272972	40.0000
83) Acenaphthene	(3)	7.056	153	109431	14.0721
84) 2,4-Dinitrophenol	(3)	7.117	184	25738	25.7290
85) Pentachlorobenzene	(3)	7.166	250	42957	14.0354
86) 4-Nitrophenol	(3)	7.197	109	16592	13.5613
87) Dibenzofuran	(3)	7.203	168	158297	14.3925
88) 2,4-Dinitrotoluene	(3)	7.222	165	39076	13.7527
90) 1-Naphthylamine	(3)	7.271	143	113048	14.6260
91) 2,3,4,6-Tetrachlorophenol	(3)	7.314	232	26057	13.5645
92) 2-Naphthylamine	(3)	7.339	143	114230	14.5024
93) Diethylphthalate	(3)	7.437	149	130135	14.1498
94) Fluorene	(3)	7.480	166	127884	13.9751
96) 4-Chlorophenyl-phenylether	(3)	7.505	204	57283	14.2574
98) 4-Nitroaniline	(3)	7.517	138	36594	14.1023
99) 4,6-Dinitro-2-methylphenol	(4)	7.548	198	18381	12.7894
102) N-Nitrosodiphenylamine	(4)	7.603	169	96378	14.5621
103) 1,2-Diphenylhydrazine	(4)	7.628	77	122340	14.1897
108) Phorate	(4)	7.855	75	96713M	15.2726
110) 4-Bromophenyl-phenylether	(4)	7.898	248	36145	14.7923
112) Hexachlorobenzene	(4)	7.923	284	41443	14.3759
116) Pentachlorophenol	(4)	8.095	266	45426	27.5962
120) Phenanthrene-d10	(4)	8.236	188	493634	40.0000
121) Phenanthrene	(4)	8.255	178	193485	14.6991
122) Dinoseb	(4)	8.267	211	22492	12.0588
124) Anthracene	(4)	8.298	178	196131	14.3911
125) Carbazole	(4)	8.445	167	172657	13.9715
126) Methyl parathion	(4)	8.575	109	40576	14.6855
127) Ronnel	(4)	8.648	285	53745	14.9432
128) Di-n-butylphthalate	(4)	8.777	149	223449	14.4747
129) Parathion	(4)	8.900	109	25440	13.8566
134) Fluoranthene	(4)	9.214	202	203996	14.2944
135) Benzidine	(5)	9.355	184	393351	43.6438
136) Pyrene	(5)	9.392	202	215836	13.9306

M = Compound was manually integrated. A = User selected an alternate hit

Quant Report

Target Revision 3.5

Data File: /chem/HP10623.i/07aug22.b/ch0685.d Instrument ID: HP10623.i
Injection date and time: 22-AUG-2007 11:35 Analyst ID: cam01237

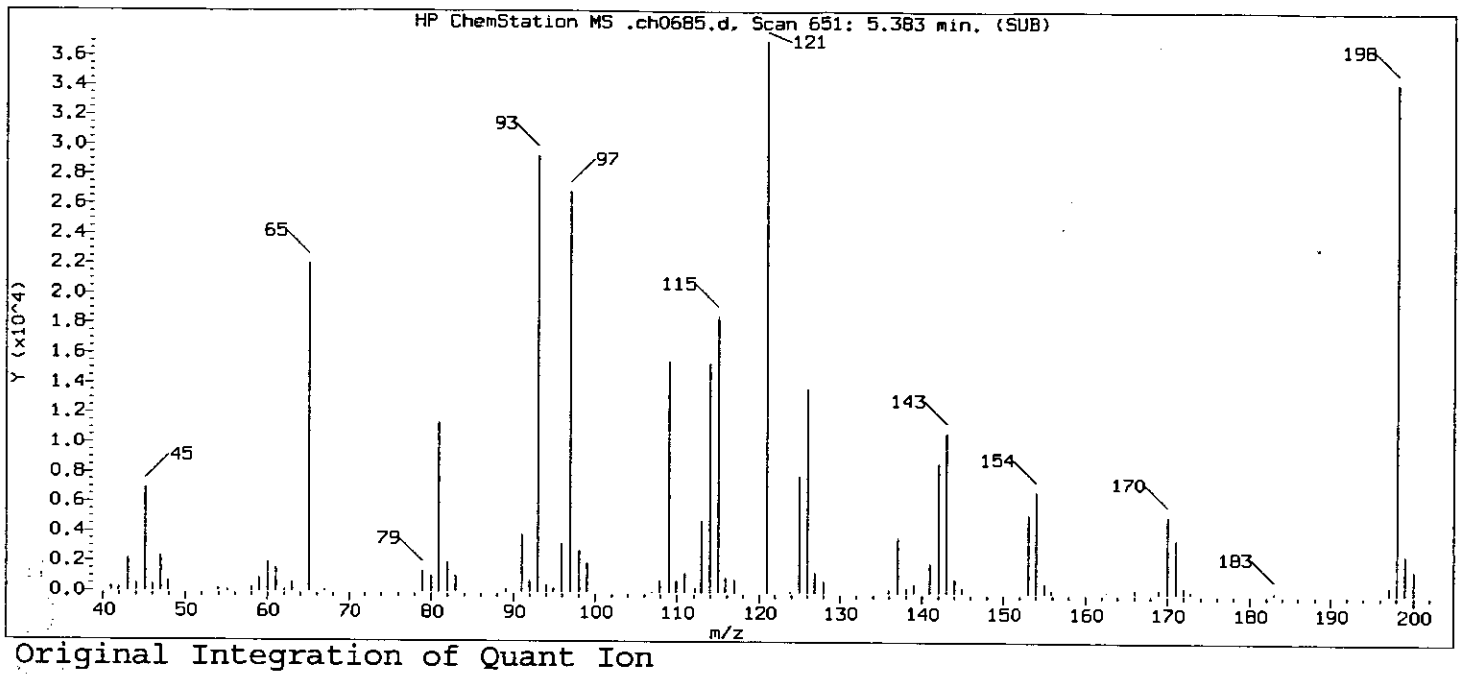
Method used: /chem/HP10623.i/07aug22.b/m8270.m Sublist used: all1
Calibration date and time: 22-AUG-2007 12:42
Date, time and analyst ID of latest file update: 22-Aug-2007 12:42 cam01237

Sample Name: SSTD015 Lab Sample ID: STD2187

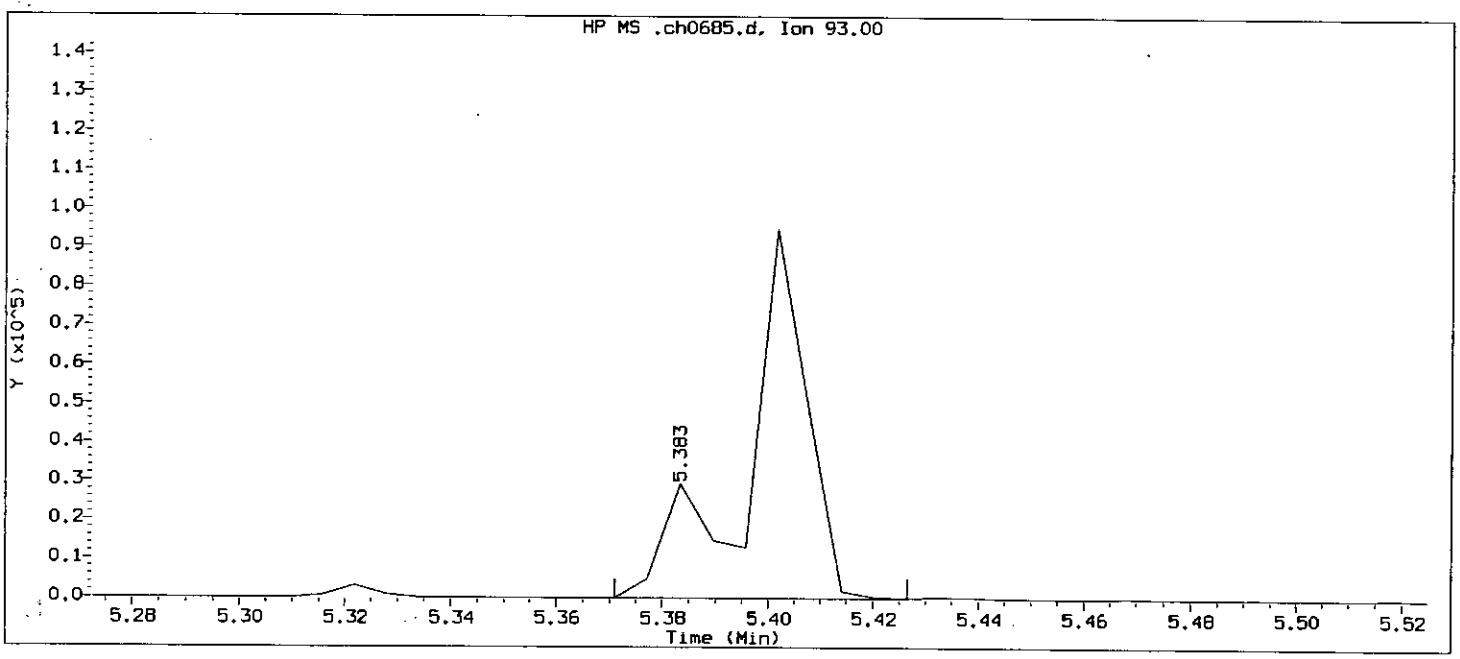
	Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
143)	Butylbenzylphthalate	(5)	9.983	149	104785	13.8894
145)	3,3'-Dichlorobenzidine	(5)	10.370	252	76030	13.9411
146)	Benzo(a)anthracene	(5)	10.370	228	183387	13.8965
147)	Hexabromobenzene	(5)	10.370	552	1763	11.7117
148)	4,4'-Methylenebis(2-Chloroanil	(5)	10.382	231	39601	14.0946
149)	Chrysene-d12	(5)	10.376	240	469243	40.0000
150)	Chrysene	(5)	10.394	228	187561	14.0016
151)	bis(2-Ethylhexyl)phthalate	(5)	10.468	149	145368	13.6803
152)	6-Methylchrysene	(5)	10.757	242	141577	13.7609
156)	Di-n-octylphthalate	(6)	10.985	149	232683	13.3826
157)	7,12-Dimethylbenz[a]anthracene	(6)	11.200	256	95698	14.4558
158)	Benzo(b)fluoranthene	(6)	11.200	252	204275	13.8791
159)	Benzo(k)fluoranthene	(6)	11.225	252	222156	14.6447
160)	Benzo(a)pyrene	(6)	11.440	252	200553	14.3302
161)	Perylene-d12	(6)	11.483	264	439879	40.0000
162)	3-Methylcholanthrene	(6)	11.704	268	107553	13.8202
166)	Dibenz(a,h)acridine	(6)	12.079	279	159302	13.7878
167)	Dibenz(a,j)acridine	(6)	12.110	279	172803	13.6794
168)	Indeno(1,2,3-cd)pyrene	(6)	12.227	276	232630	13.6751
169)	Dibenz(a,h)anthracene	(6)	12.251	278	188263	13.8967
170)	Benzo(g,h,i)perylene	(6)	12.417	276	199191	13.8355
9)	2-Fluorophenol	(1)	3.151	112	44317	13.7956
13)	Phenol-d5	(1)	4.129	99	60660	14.3825
14)	Phenol-d6	(1)	4.129	99	60660	14.3825
35)	Nitrobenzene-d5	(2)	4.934	82	52177	14.2045
66)	2-Fluorobiphenyl	(3)	6.496	172	120587	14.2430
104)	2,4,6-Tribromophenol	(3)	7.677	330	21492	13.4568
138)	Terphenyl-d14	(5)	9.558	244	144685	13.6786

M = Compound was manually integrated. A = User selected an alternate hit

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP10623.i/07aug22.b/ch0685.d Instrument ID: HP10623.i
Injection date and time: 22-AUG-2007 11:35 Analyst ID: cam01237

Method used: /chem/HP10623.i/07aug22.b/m8270.m Sublist used: all1
Calibration date and time: 22-AUG-2007 11:49
Date, time and analyst ID of latest file update: 22-Aug-2007 11:49 Automation

Sample Name: SSTD015 Lab Sample ID: STD2187

Compound Number	: 42
Compound Name	: bis(2-Chloroethoxy)methane
Scan Number	: 651
Retention Time (minutes)	: 5.383
Quant Ion	: 93
Area	: 76035
Concentration (ng/ul)	: 17.2818
Integration start scan	: 648 Integration stop scan: 657
Y at integration start	: 0 Y at integration end: 41

CM 01237
8/22/07
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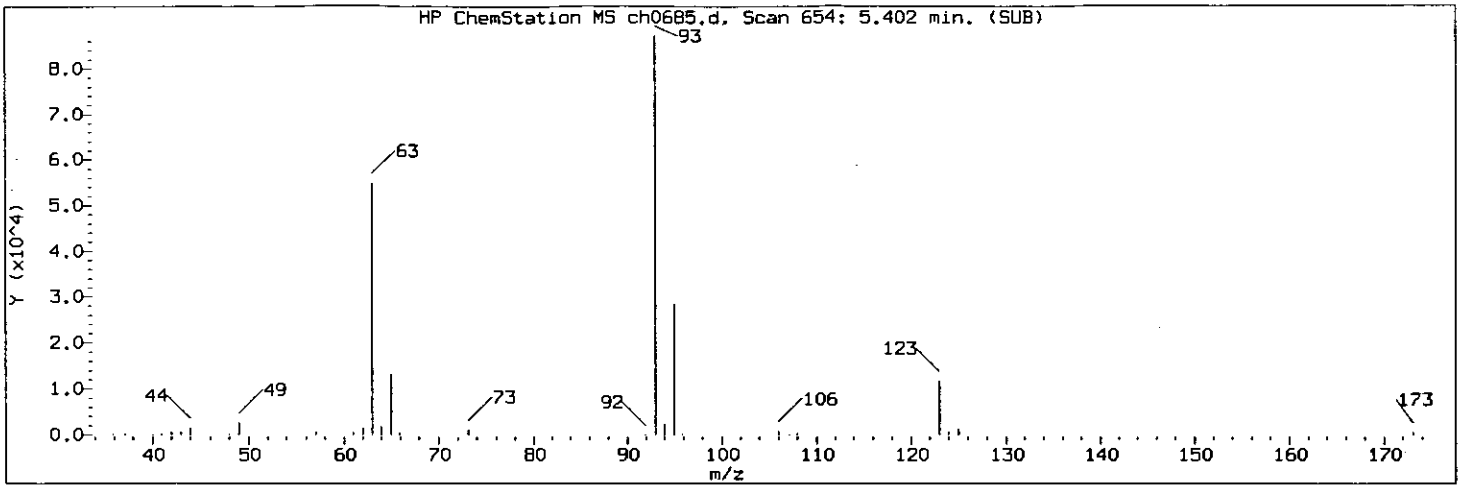
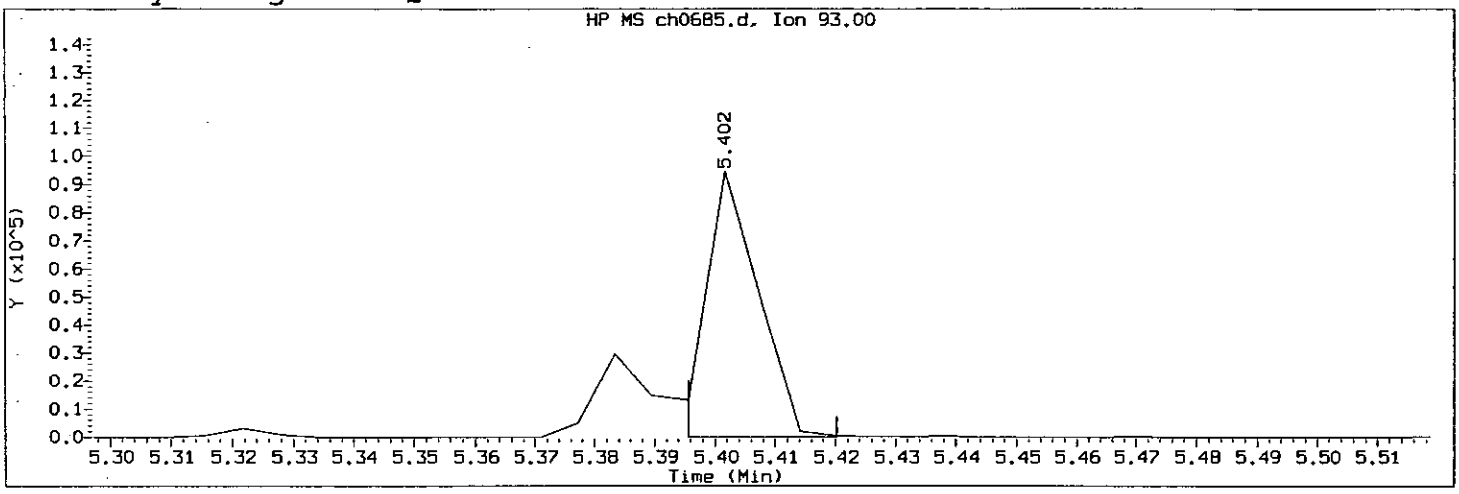
Original Integration Report for data file /chem/HP10623.i/07aug22.b/ch0685.d, generated on 08/22/2007 at 12:42

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP10623.i/07aug22.b/ch0685.d Instrument ID: HP10623.i
Injection date and time: 22-AUG-2007 11:35 Analyst ID: cam01237

Method used: /chem/HP10623.i/07aug22.b/m8270.m Sublist used: all1
Calibration date and time: 22-AUG-2007 12:42
Date, time and analyst ID of latest file update: 22-Aug-2007 12:42 cam01237

Sample Name: SSTD015 Lab Sample ID: STD2187

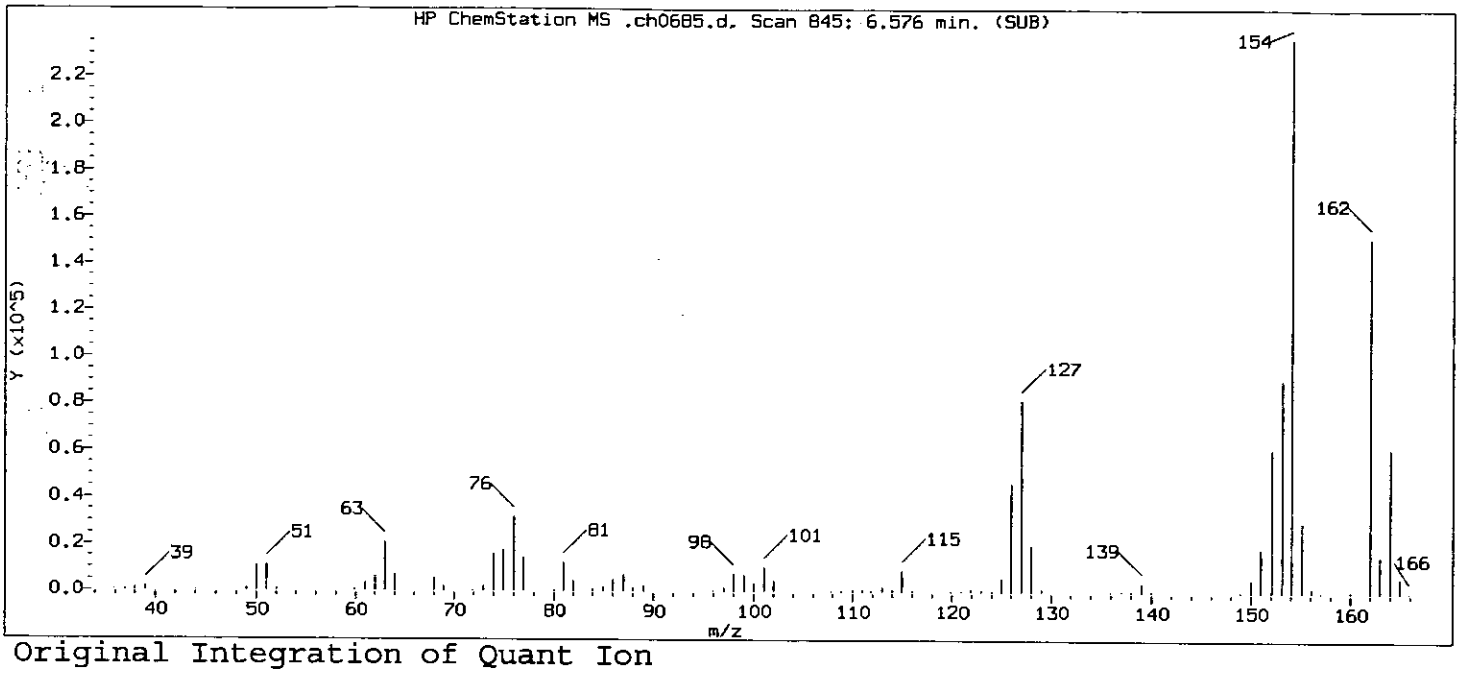
Compound Number : 42
Compound Name : bis(2-Chloroethoxy)methane
Scan Number : 654
Retention Time (minutes): 5.402
Quant Ion : 93
Area (flag) : 58021 M
Concentration (ng/ul) : 14.1681
Integration start scan : 652 Integration stop scan: 656
Y at integration start : -74 Y at integration end: -74

Reason for manual integration (circle one): missed peak improper integration

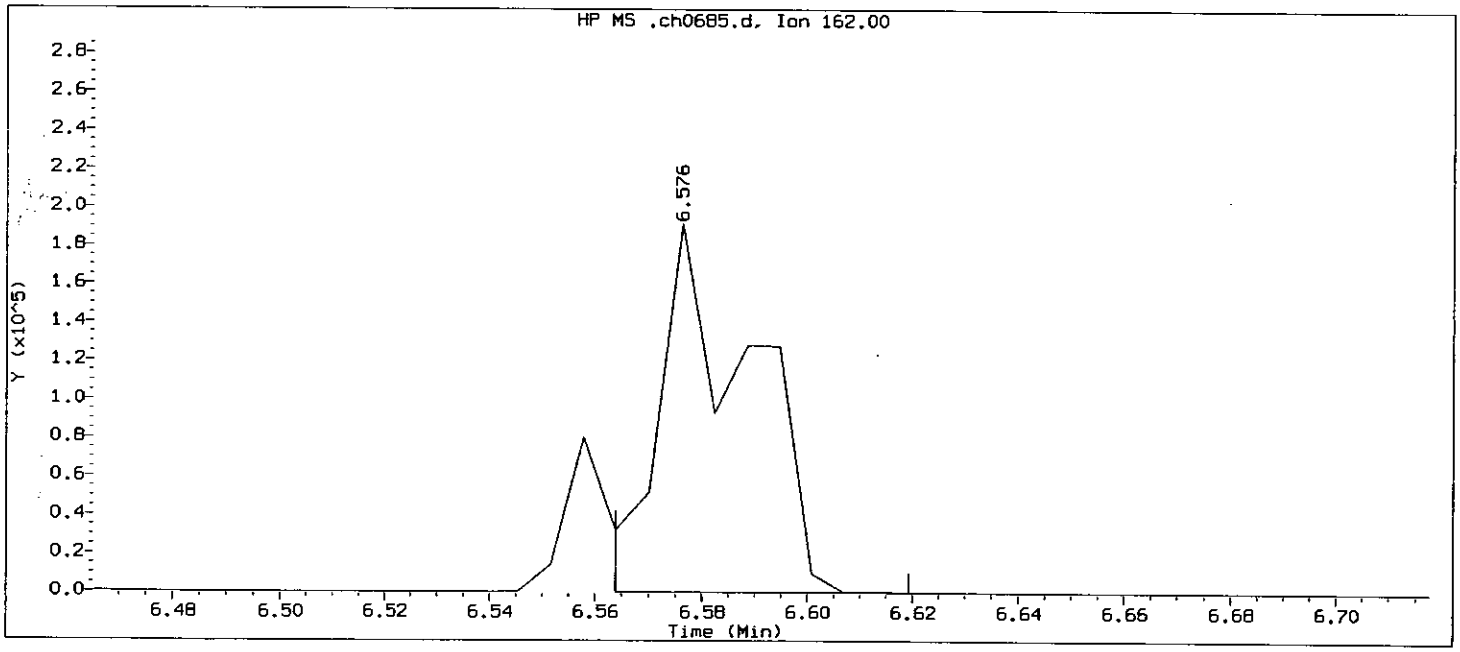
Analyst responsible for change: cm 01237 8/22/07

GC/MS audit/management approval: Cmaj412 8/22/07 8582

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP10623.i/07aug22.b/ch0685.d Instrument ID: HP10623.i
Injection date and time: 22-AUG-2007 11:35 Analyst ID: cam01237

Method used: /chem/HP10623.i/07aug22.b/m8270.m Sublist used: all1
Calibration date and time: 22-AUG-2007 11:49
Date, time and analyst ID of latest file update: 22-Aug-2007 11:49 Automation

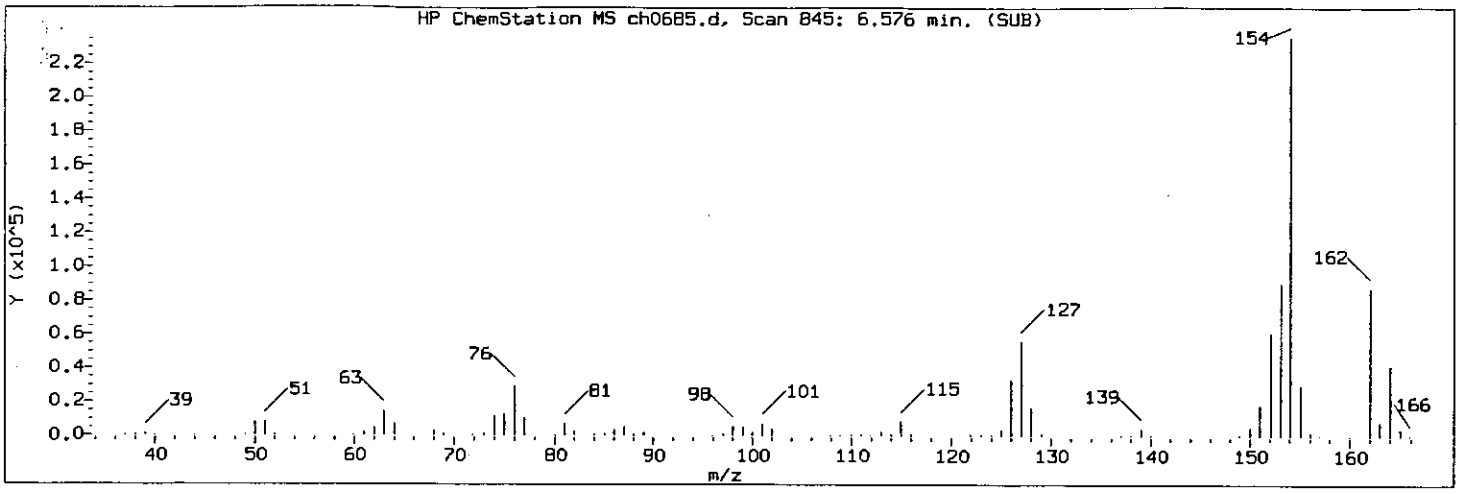
Sample Name: SSTD015 Lab Sample ID: STD2187

Compound Number	: 71
Compound Name	: 2-Chloronaphthalene
Scan Number	: 845
Retention Time (minutes)	: 6.576
Quant Ion	: 162
Area	: 228487
Concentration (ng/ul)	: 20.2331
Integration start scan	: 842 Integration stop scan: 851
Y at integration start	: 0 Y at integration end: 0

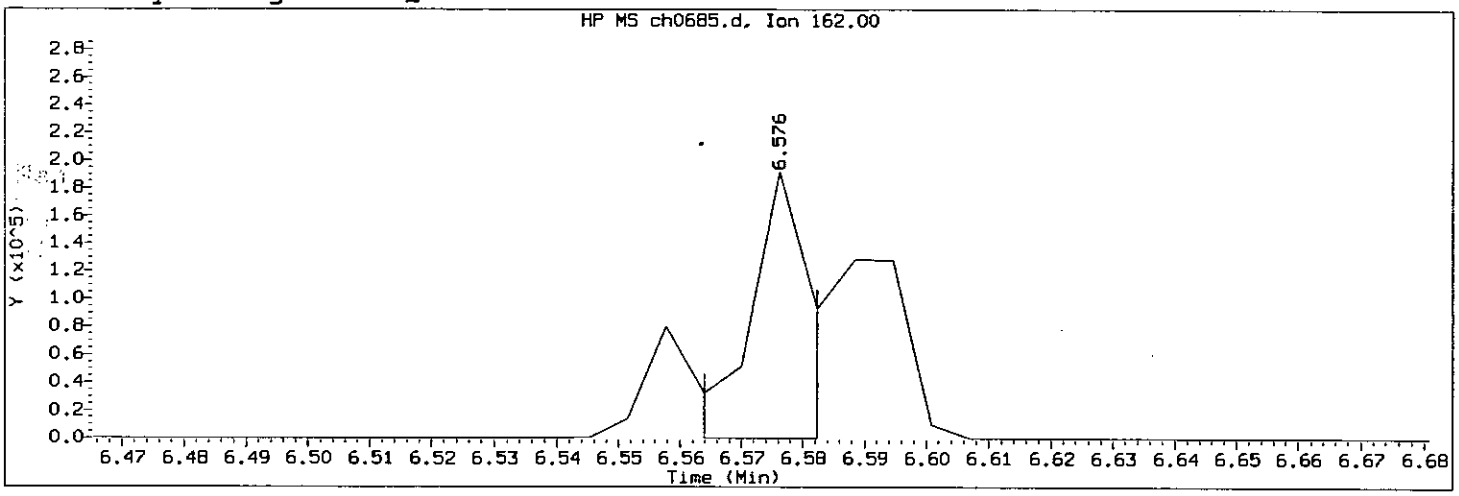
cm01237
8/22/07
0503

Original Integration Report for data file /chem/HP10623.i/07aug22.b/ch0685.d, generated on 08/22/2007 at 12:42

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP10623.i/07aug22.b/ch0685.d Instrument ID: HP10623.i
Injection date and time: 22-AUG-2007 11:35 Analyst ID: cam01237

Method used: /chem/HP10623.i/07aug22.b/m8270.m Sublist used: all1
Calibration date and time: 22-AUG-2007 12:42
Date, time and analyst ID of latest file update: 22-Aug-2007 12:42 cam01237

Sample Name: SSTD015 Lab Sample ID: STD2187

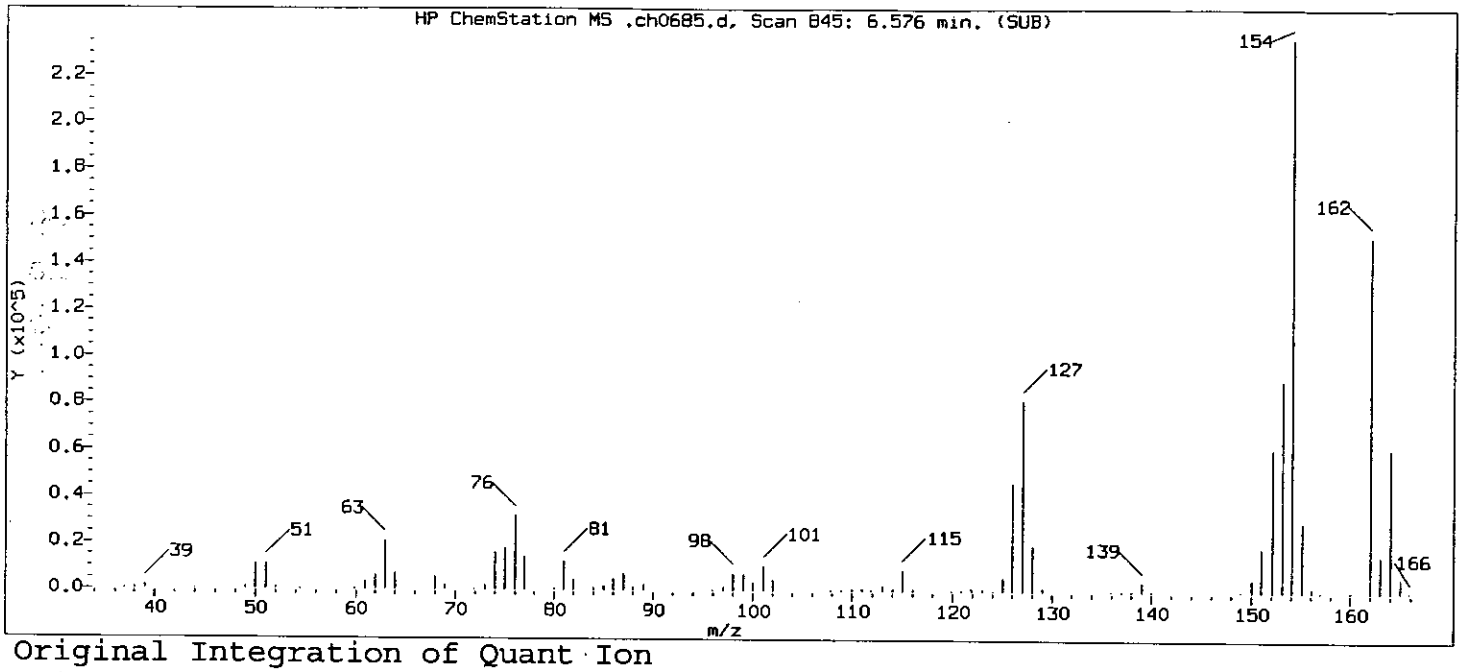
Compound Number : 71
Compound Name : 2-Chloronaphthalene
Scan Number : 845
Retention Time (minutes): 6.576
Quant Ion : 162
Area (flag) : 136107 M
Concentration (ng/ul) : 13.9411
Integration start scan : 842 Integration stop scan: 845
Y at integration start : 0 Y at integration end: 0

Reason for manual integration (circle one): missed peak improper integration

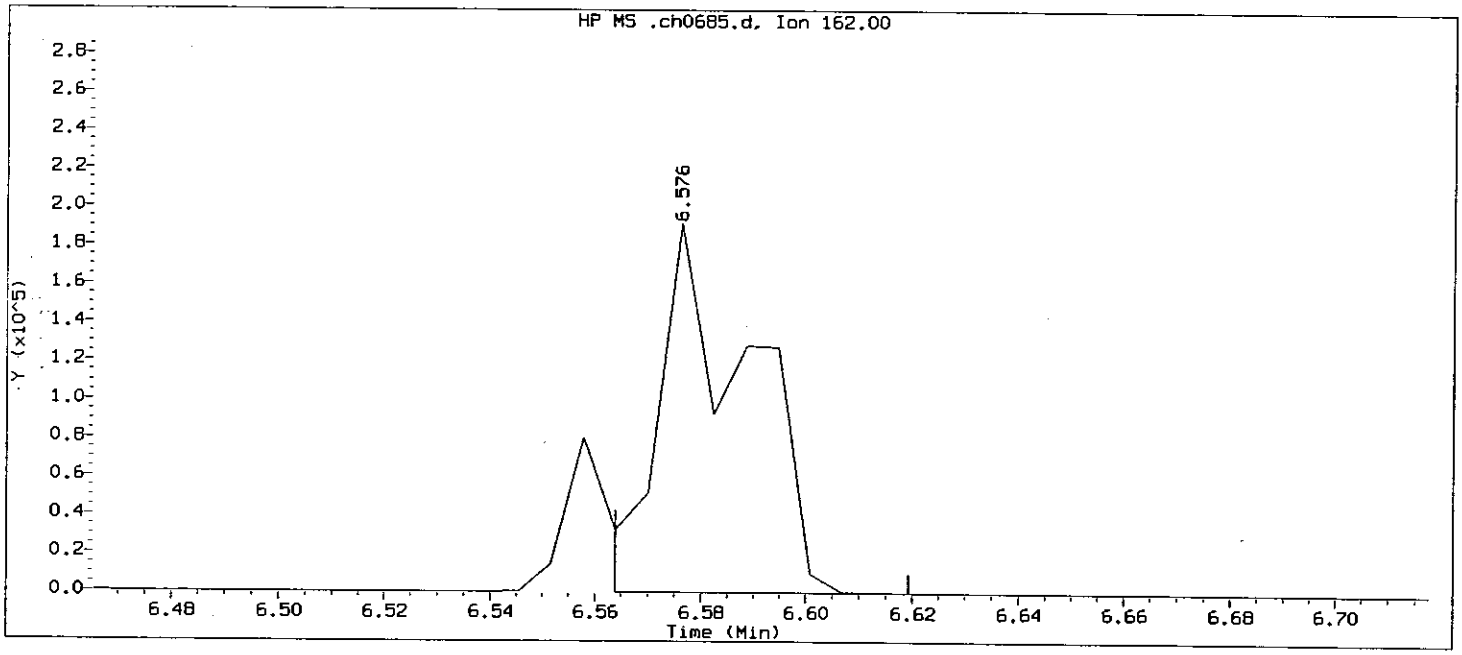
Analyst responsible for change: Cm 01237 8/22/07

GC/MS audit/management approval: Cmr/HR 8/22/07 0584

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP10623.i/07aug22.b/ch0685.d Instrument ID: HP10623.i
Injection date and time: 22-AUG-2007 11:35 Analyst ID: cam01237

Method used: /chem/HP10623.i/07aug22.b/m8270.m Sublist used: all1
Calibration date and time: 22-AUG-2007 11:49
Date, time and analyst ID of latest file update: 22-Aug-2007 11:49 Automation

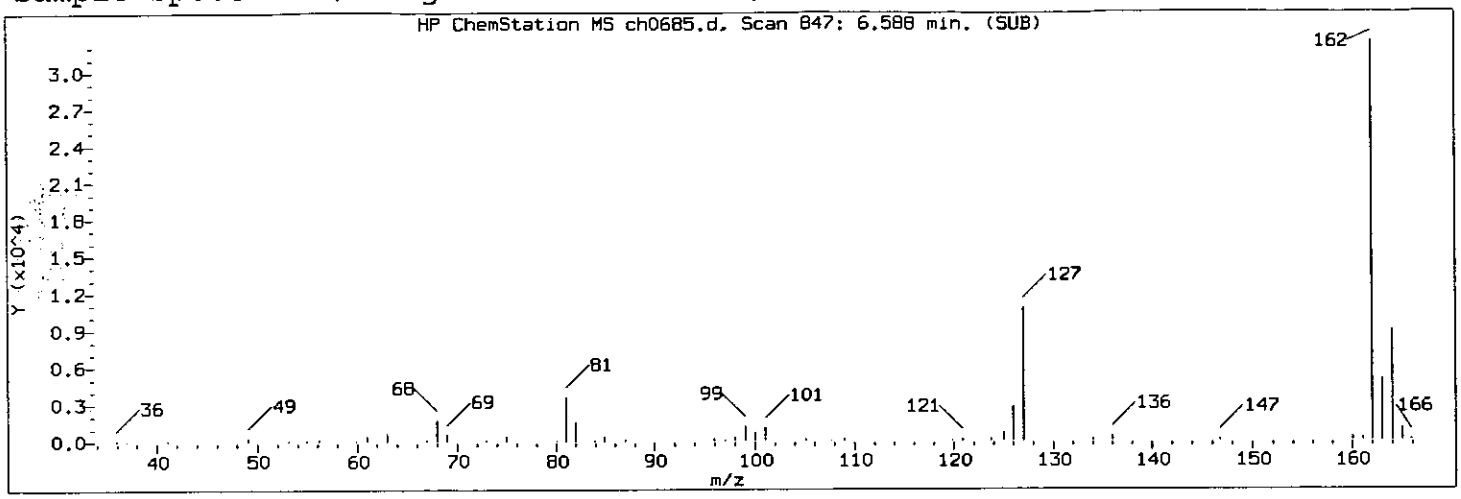
Sample Name: SSTD015 Lab Sample ID: STD2187

Compound Number	: 72
Compound Name	: 1-Chloronaphthalene
Scan Number	: 845
Retention Time (minutes)	: 6.576
Quant Ion	: 162
Area	: 228487
Concentration (ng/ul)	: 23.0340
Integration start scan	: 842 Integration stop scan: 851
Y at integration start	: 0 Y at integration end: 0

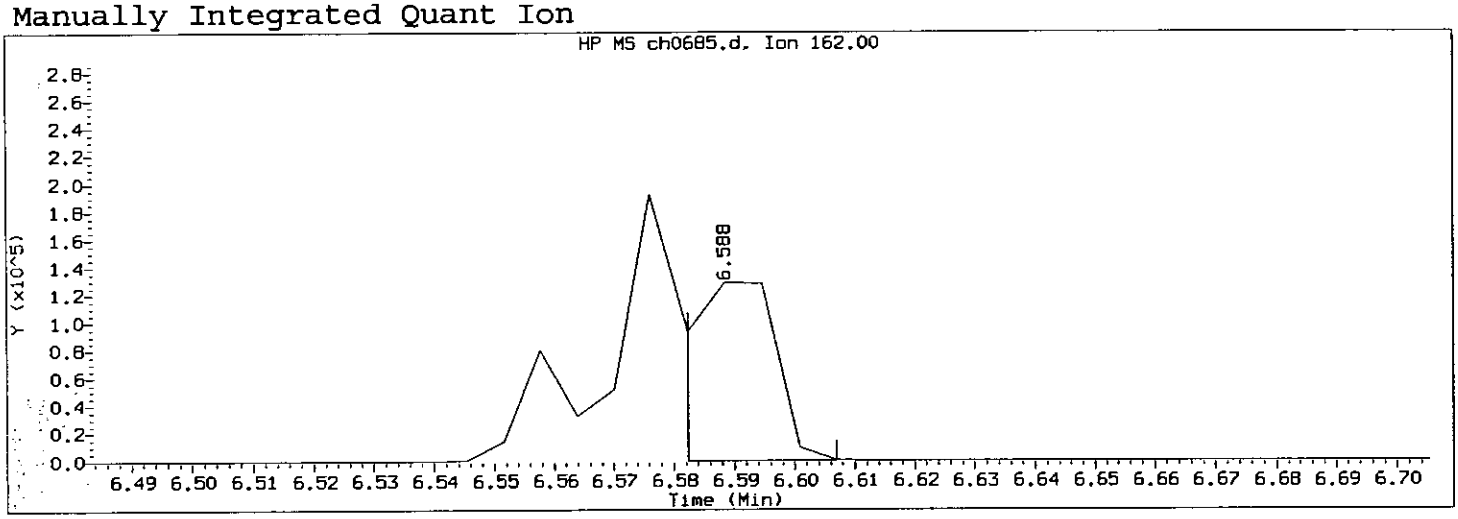
CM 01237
8/22/07
8585

Original Integration Report for data file /chem/HP10623.i/07aug22.b/ch0685.d, generated on 08/22/2007 at 12:42

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP10623.i/07aug22.b/ch0685.d Instrument ID: HP10623.i
Injection date and time: 22-AUG-2007 11:35 Analyst ID: cam01237

Method used: /chem/HP10623.i/07aug22.b/m8270.m Sublist used: all1
Calibration date and time: 22-AUG-2007 12:42
Date, time and analyst ID of latest file update: 22-Aug-2007 12:42 cam01237

Sample Name: SSTD015 Lab Sample ID: STD2187

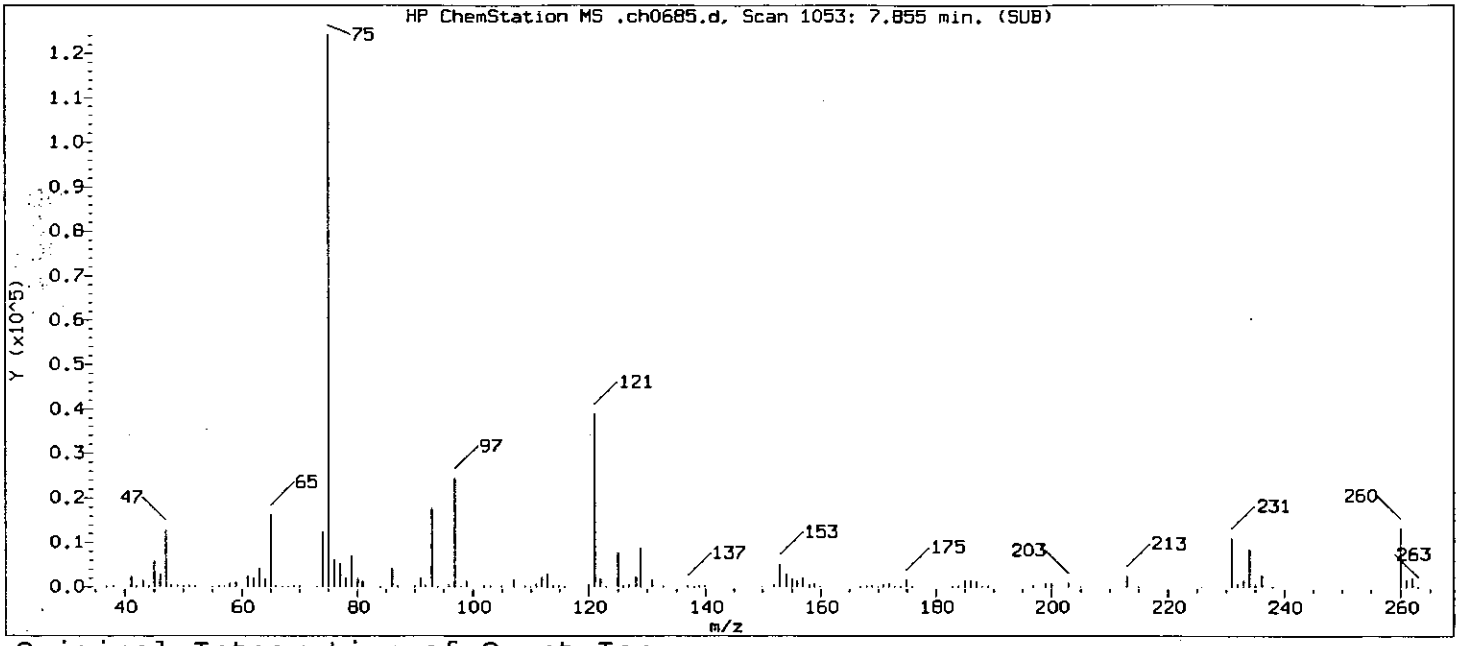
Compound Number : 72
Compound Name : 1-Chloronaphthalene
Scan Number : 847
Retention Time (minutes): 6.588
Quant Ion : 162
Area (flag) : 132675 M
Concentration (ng/ul) : 16.0339
Integration start scan : 845 Integration stop scan: 849
Y at integration start : -45 Y at integration end: -45

Reason for manual integration (circle one): missed peak improper integration

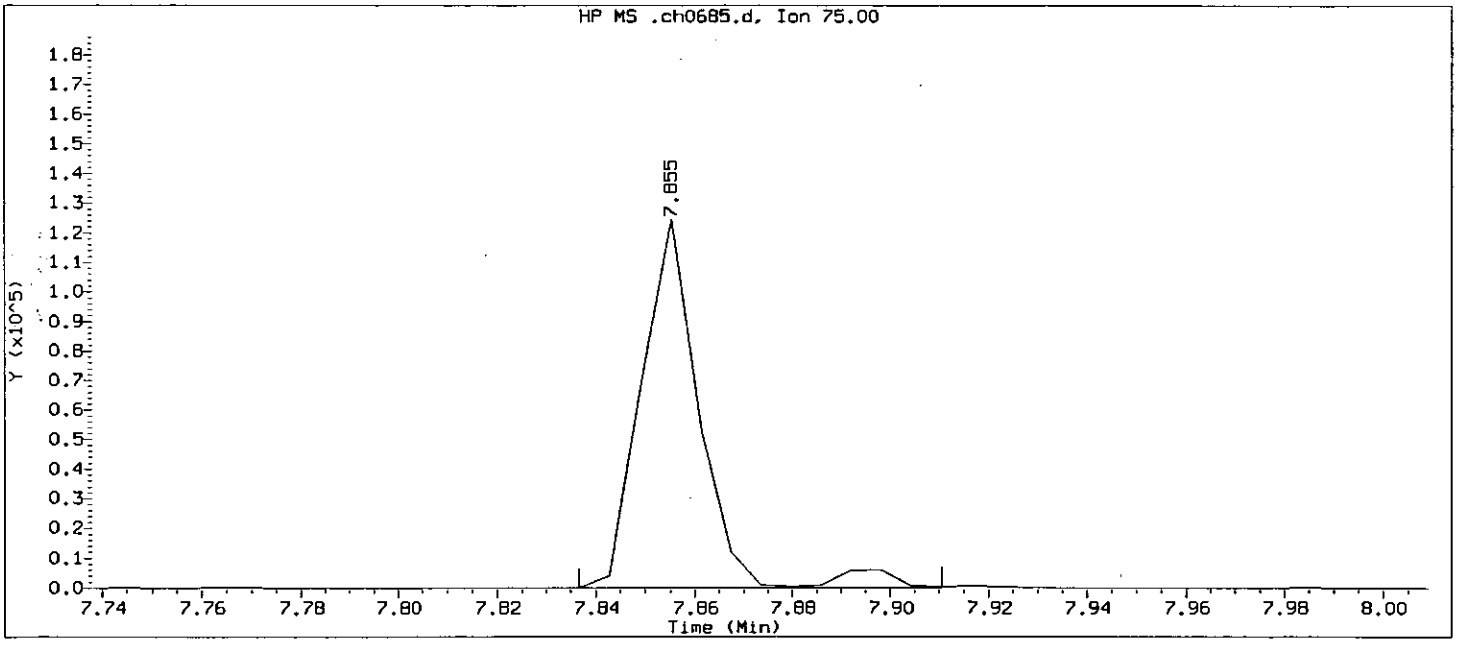
Analyst responsible for change: CM 01237 8/22/07

GC/MS audit/management approval: [signature] 8/22/07

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP10623.i/07aug22.b/ch0685.d Instrument ID: HP10623.i
Injection date and time: 22-AUG-2007 11:35 Analyst ID: cam01237

Method used: /chem/HP10623.i/07aug22.b/m8270.m Sublist used: all1
Calibration date and time: 22-AUG-2007 11:49
Date, time and analyst ID of latest file update: 22-Aug-2007 11:49 Automation

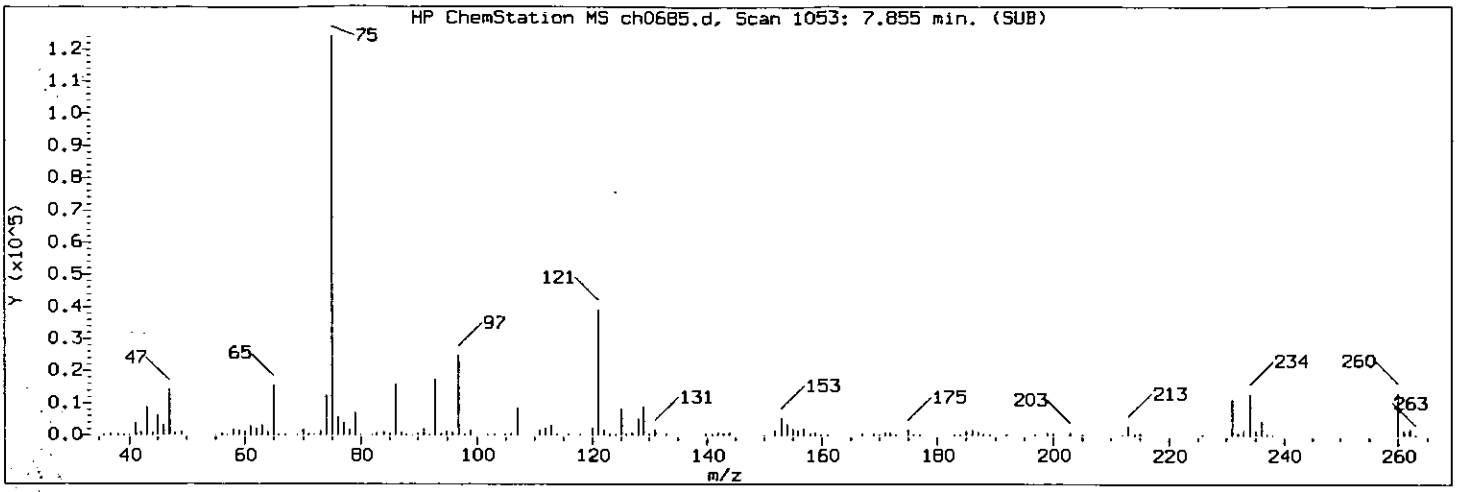
Sample Name: SSTD015 Lab Sample ID: STD2187

Compound Number	:	108
Compound Name	:	Phorate
Scan Number	:	1053
Retention Time (minutes)	:	7.855
Quant Ion	:	75
Area	:	101776
Concentration (ng/ul)	:	14.4701
Integration start scan	:	1049 Integration stop scan: 1061
Y at integration start	:	0 Y at integration end: 0

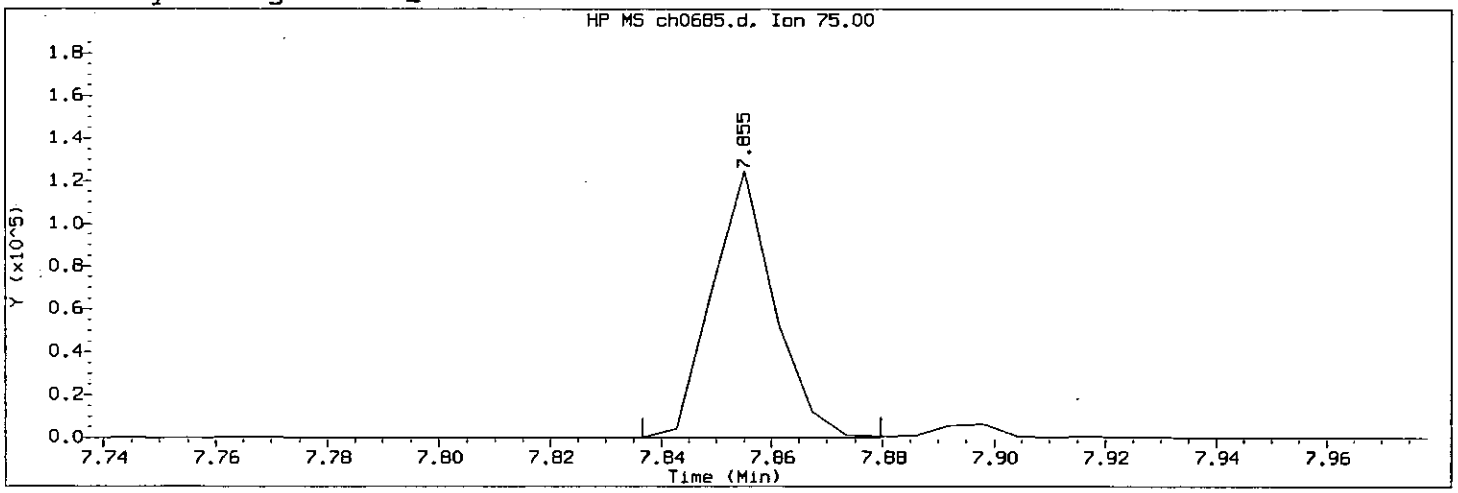
cam01237
8/22/07

Original Integration Report for data file /chem/HP10623.i/07aug22.b/ch0685.d, generated on 08/22/2007 at 12:42

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP10623.i/07aug22.b/ch0685.d Instrument ID: HP10623.i
Injection date and time: 22-AUG-2007 11:35 Analyst ID: cam01237

Method used: /chem/HP10623.i/07aug22.b/m8270.m Sublist used: all1
Calibration date and time: 22-AUG-2007 12:42
Date, time and analyst ID of latest file update: 22-Aug-2007 12:42 cam01237

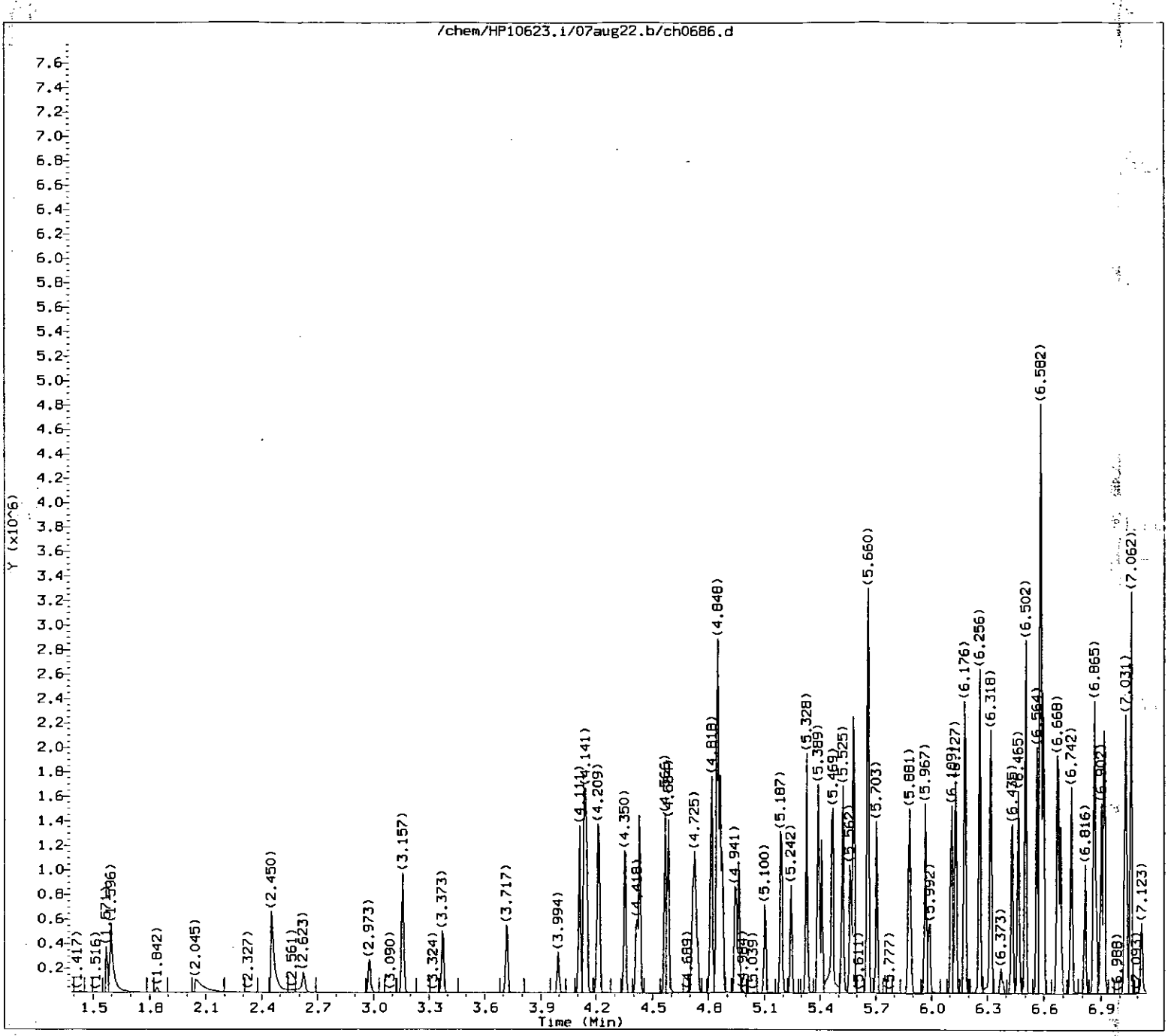
Sample Name: SSTD015 Lab Sample ID: STD2187

Compound Number	: 108
Compound Name	: Phorate
Scan Number	: 1053
Retention Time (minutes)	: 7.855
Quant Ion	: 75
Area (flag)	: 96713 M
Concentration (ng/ul)	: 15.2726
Integration start scan	: 1049 Integration stop scan: 1056
Y at integration start	: 0 Y at integration end: 0

Reason for manual integration (circle one): missed peak improper integration

Analyst responsible for change: Cm 01237 8/22/07

GC/MS audit/management approval: CMR1412 8/22/07



Quant Report

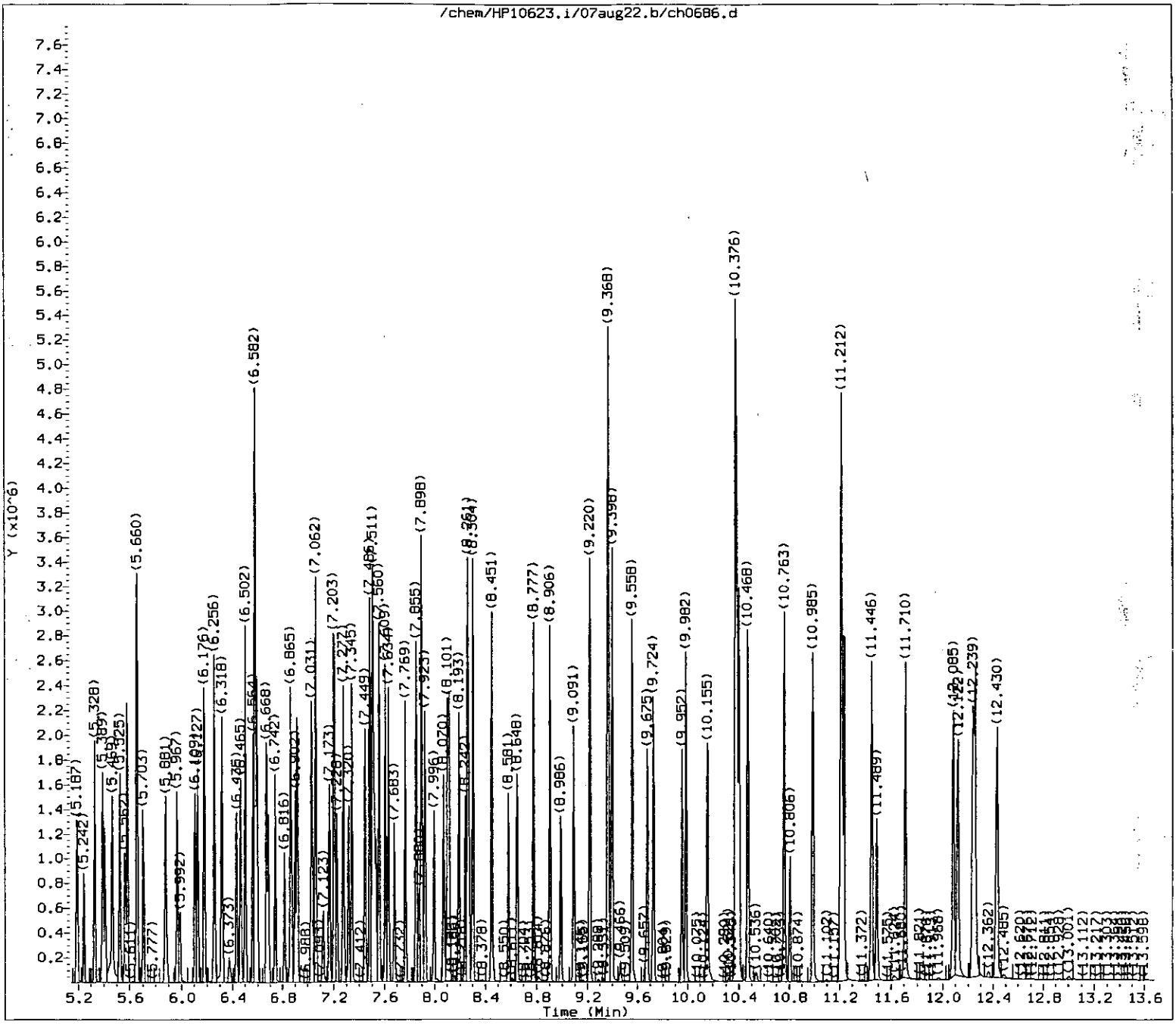
Target Revision 3.5

Data File: /chem/HP10623.i/07aug22.b/ch0686.d Instrument ID: HP10623.i
Injection date and time: 22-AUG-2007 11:55 Analyst ID: cam01237

Method used: /chem/HP10623.i/07aug22.b/m8270.m Sublist used: all1
Calibration date and time: 22-AUG-2007 12:42
Date, time and analyst ID of latest file update: 22-Aug-2007 12:42 cam01237

Sample Name: SSTD080 Lab Sample ID: STD2187

Cm 0237
8/22/07



Quant Report

Target Revision 3.5

Data File: /chem/HP10623.i/07aug22.b/ch0686.d Instrument ID: HP10623.i
Injection date and time: 22-AUG-2007 11:55 Analyst ID: cam01237

Method used: /chem/HP10623.i/07aug22.b/m8270.m Sublist used: all1
Calibration date and time: 22-AUG-2007 12:42
Date, time and analyst ID of latest file update: 22-Aug-2007 12:42 cam01237

Sample Name: SSTD080 Lab Sample ID: STD2187

8518
Cm 01237
8/22/07

Quant Report

Target Revision 3.5

Data File: /chem/HP10623.i/07aug22.b/ch0686.d Instrument ID: HP10623.i
Injection date and time: 22-AUG-2007 11:55 Analyst ID: cam01237

Method used: /chem/HP10623.i/07aug22.b/m8270.m Sublist used: all1
Calibration date and time: 22-AUG-2007 12:42
Date, time and analyst ID of latest file update: 22-Aug-2007 12:42 cam01237

Sample Name: SSTD080 Lab Sample ID: STD2187

	Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
2)	N-Nitrosodimethylamine	(1)	1.571	74	148356	81.3554
3)	Pyridine	(1)	1.596	79	266055	79.7084
5)	2-Picoline	(1)	2.450	93	291176	85.2290
15)	Phenol	(1)	4.147	94	348308	81.8270
16)	Aniline	(1)	4.111	93	427308	80.6963
18)	bis(2-Chloroethyl)ether	(1)	4.209	93	269929	81.7922
19)	2-Chlorophenol	(1)	4.215	128	267468	82.0537
20)	1,3-Dichlorobenzene	(1)	4.356	146	273696	80.8346
21)	1,4-Dichlorobenzene-d4	(1)	4.418	152	85445	40.0000
22)	1,4-Dichlorobenzene	(1)	4.430	146	281353	81.0726
23)	Benzyl alcohol	(1)	4.584	108	190409	81.1572
24)	1,2-Dichlorobenzene	(1)	4.566	146	269744	80.8422
25)	2-Methylphenol	(1)	4.725	108	268558	82.6674
26)	2,2'-oxybis(1-Chloropropane)	(1)	4.713	45	223883	80.7003
27)	bis(2-Chloroisopropyl)ether	(1)	4.713	45	223883	80.7003
29)	Acetophenone	(1)	4.818	105	391536	80.7093
30)	N-Nitroso-di-n-propylamine	(1)	4.848	70	193359	81.0806
31)	4-Methylphenol	(1)	4.861	108	300557	82.2172
33)	o-Toluidine	(1)	4.848	106	439407	80.3739
34)	Hexachloroethane	(1)	4.873	117	101953	81.3129
36)	Nitrobenzene	(2)	4.959	77	285820	81.8899
38)	Isophorone	(2)	5.187	82	557375	80.7144
39)	2-Nitrophenol	(2)	5.242	139	148948	82.7153
40)	2,4-Dimethylphenol	(2)	5.328	107	287866	82.7822
42)	bis(2-Chloroethoxy)methane	(2)	5.408	93	306443	81.1386
43)	Benzoic acid	(2)	5.469	105	211330	84.5359
44)	2,4-Dichlorophenol	(2)	5.469	162	236755	81.3582
45)	1,2,4-Trichlorobenzene	(2)	5.525	180	236385	80.9320
46)	Naphthalene-d8	(2)	5.562	136	389806	40.0000
47)	Naphthalene	(2)	5.580	128	824169	80.6540
48)	4-Chloroaniline	(2)	5.660	127	347053	81.0873
49)	2,6-Dichlorophenol	(2)	5.654	162	224064	80.2602
51)	Hexachlorobutadiene	(2)	5.703	225	116871	80.5963
52)	Quinoline	(2)	5.881	129	571026	81.1771
53)	Caprolactam	(2)	5.992	113	103322	83.5076
55)	4-Chloro-3-methylphenol	(2)	6.109	107	267082	82.2096
58)	2-Methylnaphthalene	(2)	6.176	142	583542	81.6024
60)	1-Methylnaphthalene	(2)	6.256	142	554753	80.9308
61)	Hexachlorocyclopentadiene	(3)	6.312	237	79786	105.5630
62)	1,2,4,5-Tetrachlorobenzene	(3)	6.318	216	228608	81.1378
64)	2,4,6-Trichlorophenol	(3)	6.435	196	173537	83.7519
65)	2,4,5-Trichlorophenol	(3)	6.465	196	197681	83.6460
68)	Biphenyl	(3)	6.576	154	698027	80.3197

M = Compound was manually integrated. A = User selected an alternate hit

Quant Report

Target Revision 3.5

Data File: /chem/HP10623.i/07aug22.b/ch0686.d Instrument ID: HP10623.i
Injection date and time: 22-AUG-2007 11:55 Analyst ID: cam01237

Method used: /chem/HP10623.i/07aug22.b/m8270.m Sublist used: all1
Calibration date and time: 22-AUG-2007 12:42
Date, time and analyst ID of latest file update: 22-Aug-2007 12:42 cam01237

Sample Name: SSTD080 Lab Sample ID: STD2187

	Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)	
69)	Diphenyl	(3)	6.576	154	698027	80.3197	hit
70)	1,1'-Biphenyl	(3)	6.576	154	698027	80.3197	
71)	2-Chloronaphthalene	(3)	6.582	162	663663M	75.7719	
72)	1-Chloronaphthalene	(3)	6.595	162	639784M	86.1840	
73)	Diphenyl ether	(3)	6.675	170	390758	81.1714	
74)	2-Nitroaniline	(3)	6.687	138	209590	83.7820	
77)	Dimethylphthalate	(3)	6.865	163	661998	82.1319	
79)	2,6-Dinitrotoluene	(3)	6.902	165	159806	83.1405	
80)	Acenaphthylene	(3)	6.914	152	833251	83.1696	
81)	3-Nitroaniline	(3)	7.031	138	182493	84.8035	
82)	Acenaphthene-d10	(3)	7.037	164	244892	40.0000	
83)	Acenaphthene	(3)	7.062	153	570790	81.8161	
84)	2,4-Dinitrophenol	(3)	7.123	184	80779	90.0100	
85)	Pentachlorobenzene	(3)	7.173	250	225349	82.0708	
86)	4-Nitrophenol	(3)	7.203	109	90338	82.3034	
87)	Dibenzofuran	(3)	7.209	168	798908	80.9660	
88)	2,4-Dinitrotoluene	(3)	7.228	165	209617	82.2332	
90)	1-Naphthylamine	(3)	7.277	143	591728	85.3350	
91)	2,3,4,6-Tetrachlorophenol	(3)	7.320	232	144939	84.1023	
92)	2-Naphthylamine	(3)	7.345	143	601370	85.1028	
93)	Diethylphthalate	(3)	7.449	149	675850	81.9123	
94)	Fluorene	(3)	7.486	166	665271	81.0368	
96)	4-Chlorophenyl-phenylether	(3)	7.505	204	289771	80.3922	
98)	4-Nitroaniline	(3)	7.535	138	192377	82.6375	
99)	4,6-Dinitro-2-methylphenol	(4)	7.560	198	115096	87.5717	
102)	N-Nitrosodiphenylamine	(4)	7.609	169	489007	80.7951	
103)	1,2-Diphenylhydrazine	(4)	7.634	77	636974	80.7883	hit
108)	Phorate	(4)	7.861	75	389845	67.3199	
110)	4-Bromophenyl-phenylether	(4)	7.898	248	177090	79.2508	
112)	Hexachlorobenzene	(4)	7.923	284	212104	80.4557	
116)	Pentachlorophenol	(4)	8.101	266	127656	84.8027	
120)	Phenanthrene-d10	(4)	8.242	188	451421	40.0000	
121)	Phenanthrene	(4)	8.261	178	959128	79.6788	
122)	Dinoseb	(4)	8.273	211	163140	95.6444	
124)	Anthracene	(4)	8.304	178	994064	79.7602	
125)	Carbazole	(4)	8.451	167	927148	82.0409	
126)	Methyl parathion	(4)	8.581	109	198808	78.6823	
127)	Ronnel	(4)	8.654	285	265486	80.7181	
128)	Di-n-butylphthalate	(4)	8.777	149	1136234	80.4863	
129)	Parathion	(4)	8.906	109	139778	83.2535	
134)	Fluoranthene	(4)	9.220	202	1039934	79.6844	
135)	Benzidine	(5)	9.368	184	1808409	245.1600	
136)	Pyrene	(5)	9.398	202	1043168	82.2644	

M = Compound was manually integrated. A = User selected an alternate hit

Quant Report

Target Revision 3.5

Data File: /chem/HP10623.i/07aug22.b/ch0686.d Instrument ID: HP10623.i
Injection date and time: 22-AUG-2007 11:55 Analyst ID: cam01237

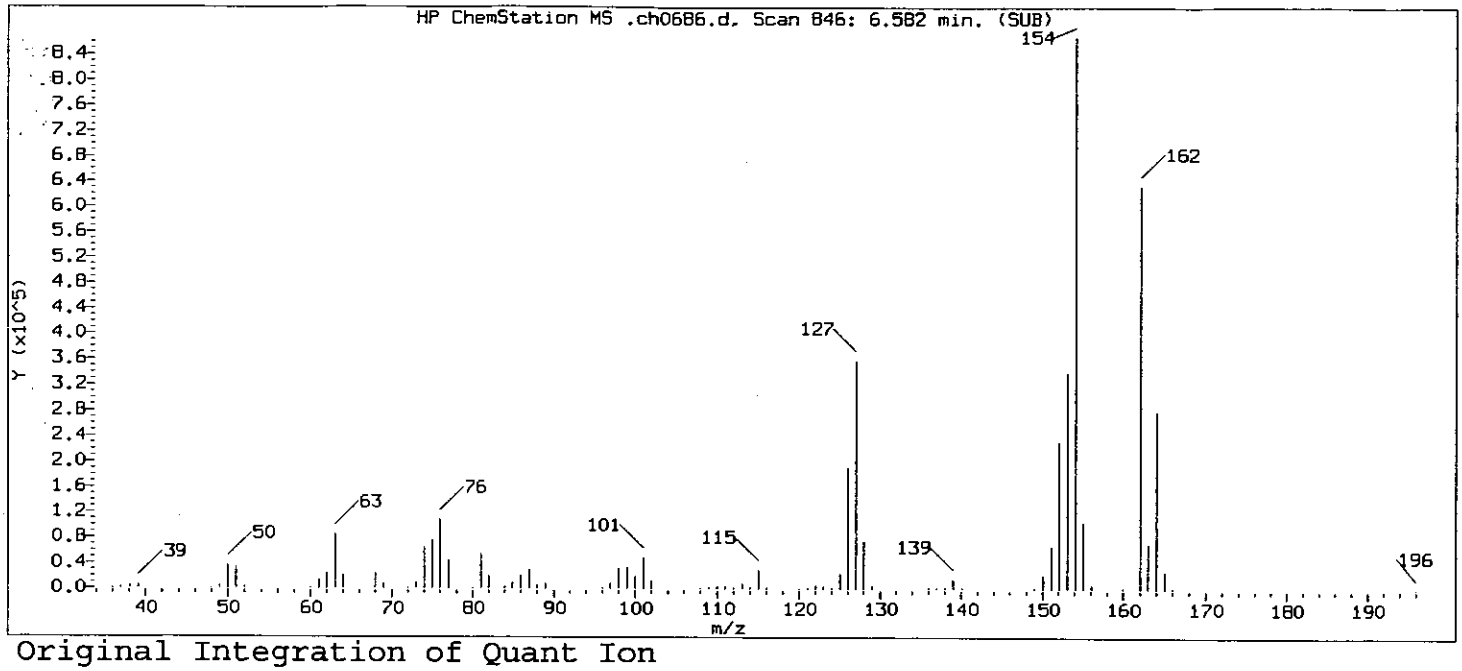
Method used: /chem/HP10623.i/07aug22.b/m8270.m Sublist used: all1
Calibration date and time: 22-AUG-2007 12:42
Date, time and analyst ID of latest file update: 22-Aug-2007 12:42 cam01237

Sample Name: SSTD080 Lab Sample ID: STD2187

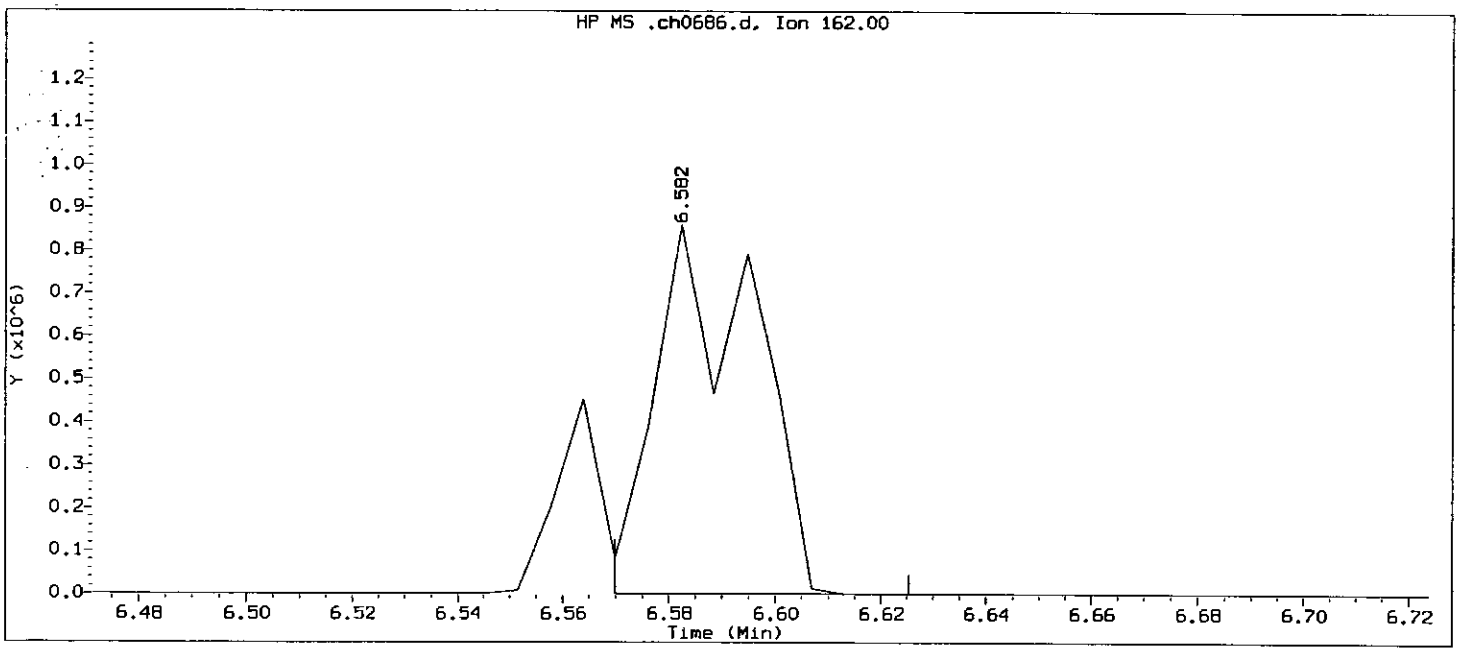
	Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
143)	Butylbenzylphthalate	(5)	9.982	149	525865	85.1668
145)	3,3'-Dichlorobenzidine	(5)	10.376	252	371792	83.2959
146)	Benzo(a)anthracene	(5)	10.376	228	887686	82.1876
147)	Hexabromobenzene	(5)	10.376	552	10357	84.0646
148)	4,4'-Methylenebis(2-Chloroanil	(5)	10.388	231	189122	82.2434
149)	Chrysene-d12	(5)	10.382	240	384049	40.0000
150)	Chrysene	(5)	10.401	228	893839	81.5275
151)	bis(2-Ethylhexyl)phthalate	(5)	10.468	149	734454	84.4508
152)	6-Methylchrysene	(5)	10.763	242	696018	82.6582
156)	Di-n-octylphthalate	(6)	10.985	149	1221382	83.9762
157)	7,12-Dimethylbenz[a]anthracene	(6)	11.212	256	475529	85.8706
158)	Benzo(b)fluoranthene	(6)	11.212	252	1058608	85.9825
159)	Benzo(k)fluoranthene	(6)	11.237	252	1006597	79.3243
160)	Benzo(a)pyrene	(6)	11.446	252	971706M	83.0016
161)	Perylene-d12	(6)	11.489	264	367964	40.0000
162)	3-Methylcholanthrene	(6)	11.710	268	540537	83.0319
166)	Dibenz(a,h)acridine	(6)	12.085	279	831332	86.0151
167)	Dibenz(a,j)acridine	(6)	12.122	279	860510	81.4328
168)	Indeno(1,2,3-cd)pyrene	(6)	12.239	276	1176826	82.7002
169)	Dibenz(a,h)anthracene	(6)	12.257	278	941643	83.0926
170)	Benzo(g,h,i)perylene	(6)	12.430	276	996457	82.7392
9)	2-Fluorophenol	(1)	3.157	112	250281	83.3168
13)	Phenol-d5	(1)	4.135	99	323874	82.1192
14)	Phenol-d6	(1)	4.135	99	323874	82.1192
35)	Nitrobenzene-d5	(2)	4.941	82	274934	81.1570
66)	2-Fluorobiphenyl	(3)	6.502	172	618629	81.4470
104)	2,4,6-Tribromophenol	(3)	7.683	330	118572	82.7544
138)	Terphenyl-d14	(5)	9.558	244	717755	82.9099

M = Compound was manually integrated. A = User selected an alternate hit

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP10623.i/07aug22.b/ch0686.d Instrument ID: HP10623.i
Injection date and time: 22-AUG-2007 11:55 Analyst ID: cam01237

Method used: /chem/HP10623.i/07aug22.b/m8270.m Sublist used: all1
Calibration date and time: 22-AUG-2007 12:10
Date, time and analyst ID of latest file update: 22-Aug-2007 12:10 Automation

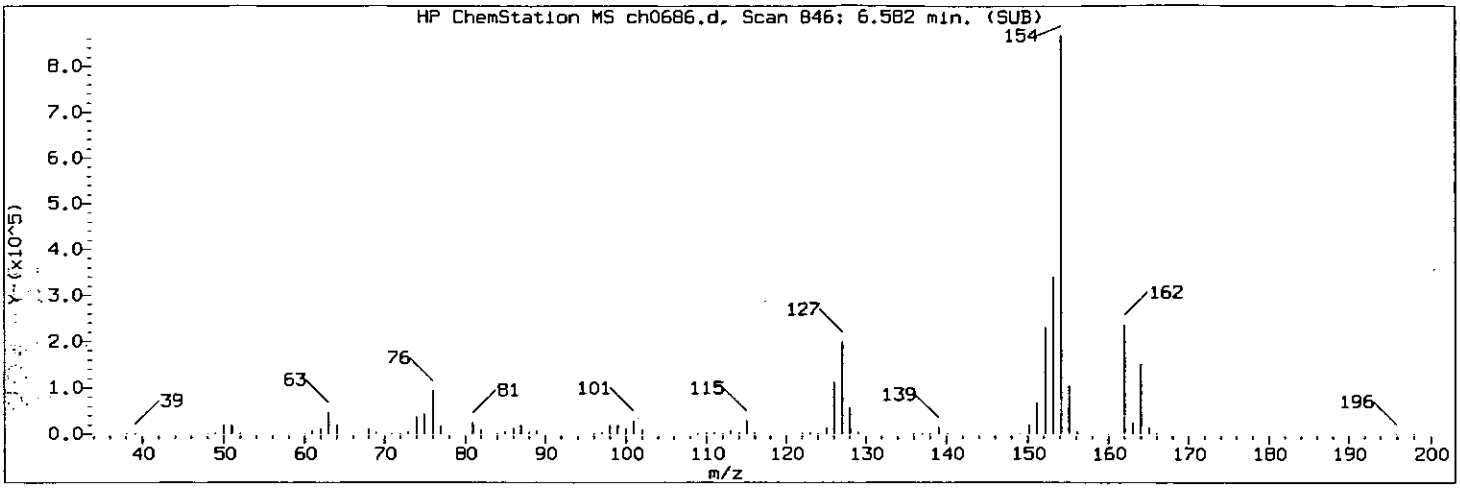
Sample Name: SSTD080 Lab Sample ID: STD2187

Compound Number	: 71
Compound Name	: 2-Chloronaphthalene
Scan Number	: 846
Retention Time (minutes)	: 6.582
Quant Ion	: 162
Area	: 1115387
Concentration (ng/ul)	: 113.9506
Integration start scan	: 843 Integration stop scan: 852
Y at integration start	: 0 Y at integration end: 0

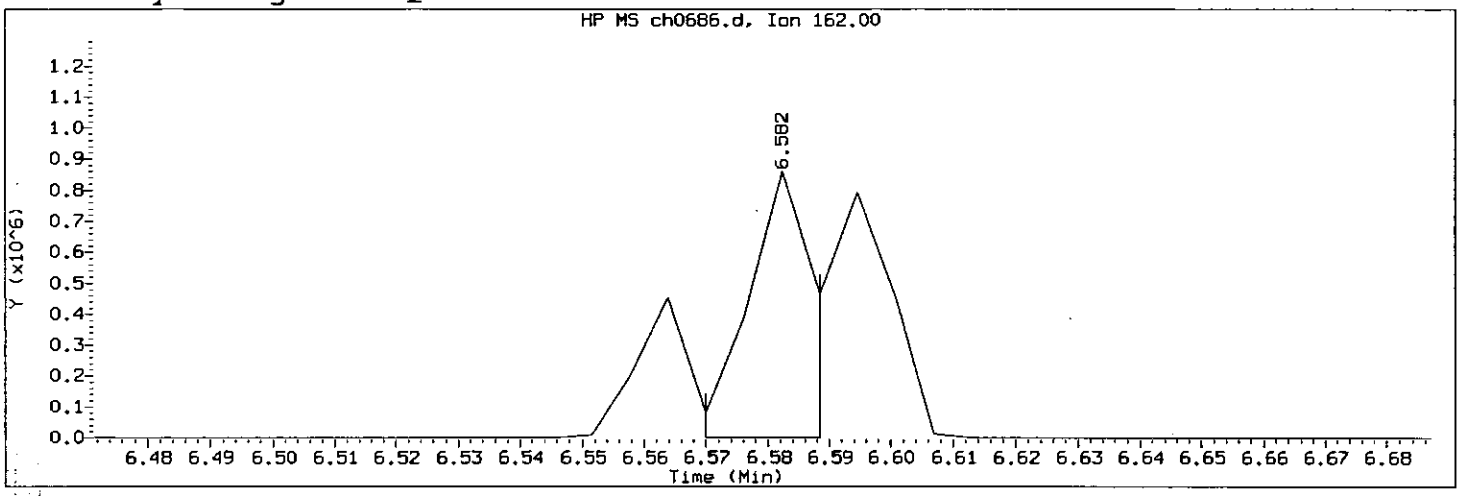
Cm 01237
8518/22/07

Original Integration Report for data file /chem/HP10623.i/07aug22.b/ch0686.d, generated on 08/22/2007 at 12:42

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP10623.i/07aug22.b/ch0686.d Instrument ID: HP10623.i
Injection date and time: 22-AUG-2007 11:55 Analyst ID: cam01237

Method used: /chem/HP10623.i/07aug22.b/m8270.m Sublist used: all1
Calibration date and time: 22-AUG-2007 12:42
Date, time and analyst ID of latest file update: 22-Aug-2007 12:42 cam01237

Sample Name: SSTD080 Lab Sample ID: STD2187

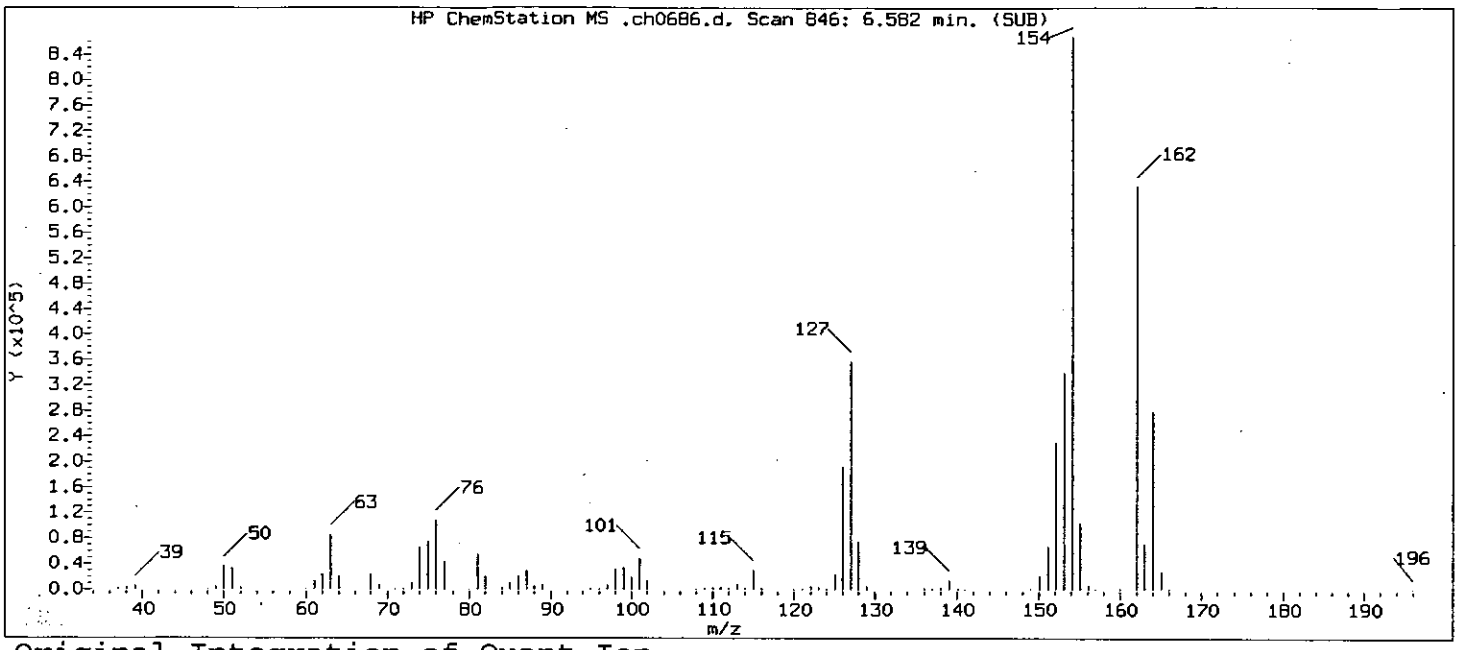
Compound Number : 71
Compound Name : 2-Chloronaphthalene
Scan Number : 846
Retention Time (minutes): 6.582
Quant Ion : 162
Area (flag) : 663663 M
Concentration (ng/ul) : 75.7719
Integration start scan : 843 Integration stop scan: 846
Y at integration start : 0 Y at integration end: 0

Reason for manual integration (circle one): missed peak improper integration

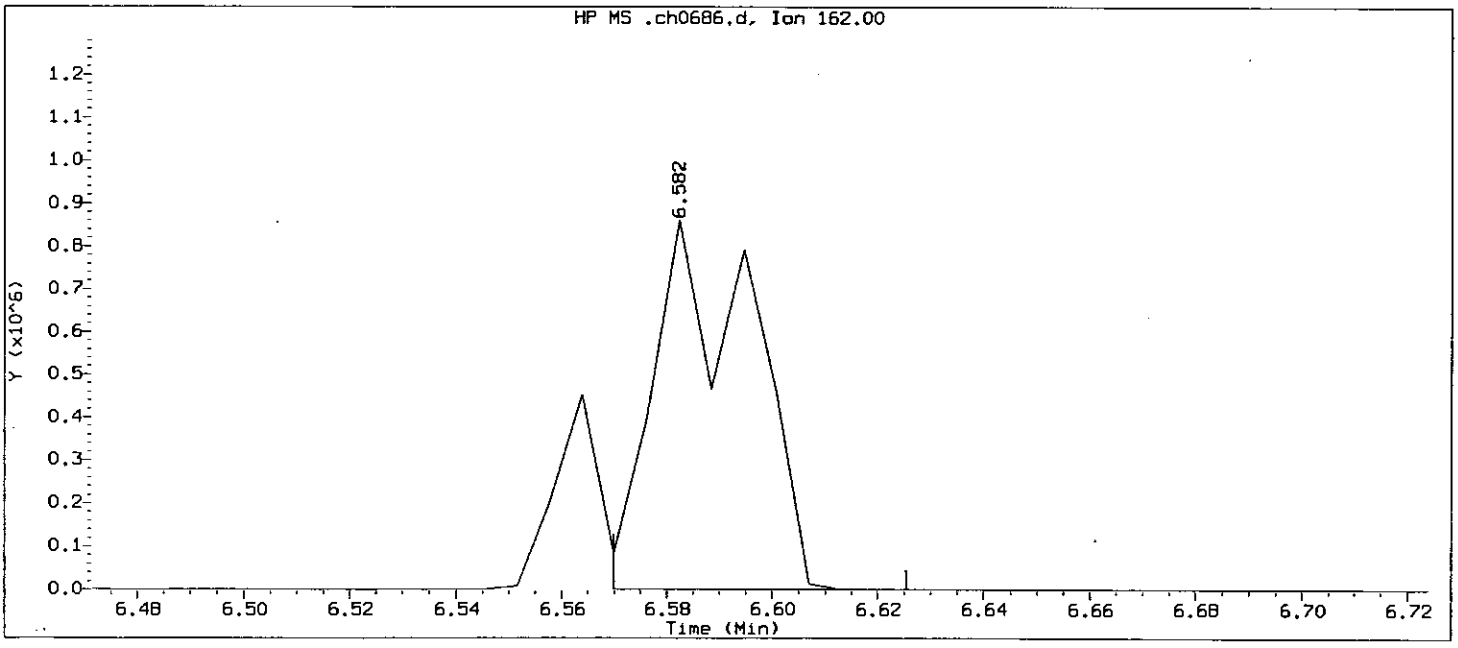
Analyst responsible for change: CM 01237 8/22/07

GC/MS audit/management approval: CMR 412 8515 8/22/07

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP10623.i/07aug22.b/ch0686.d Instrument ID: HP10623.i
Injection date and time: 22-AUG-2007 11:55 Analyst ID: cam01237

Method used: /chem/HP10623.i/07aug22.b/m8270.m Sublist used: all1
Calibration date and time: 22-AUG-2007 12:10
Date, time and analyst ID of latest file update: 22-Aug-2007 12:10 Automation

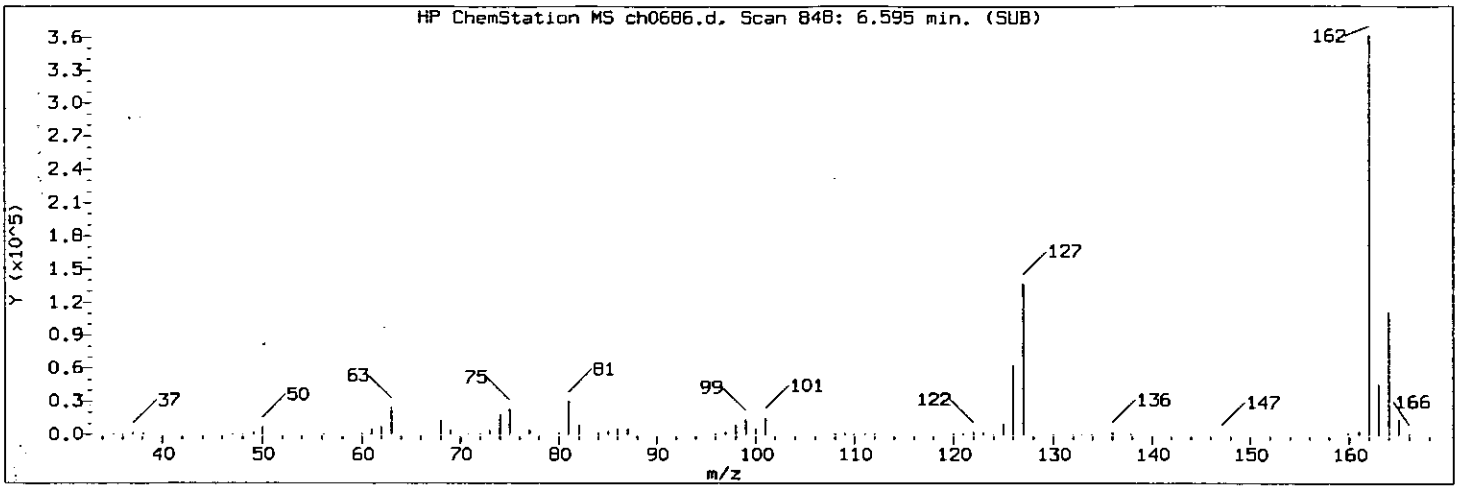
Sample Name: SSTD080 Lab Sample ID: STD2187

Compound Number : 72
Compound Name : 1-Chloronaphthalene
Scan Number : 846
Retention Time (minutes): 6.582
Quant Ion : 162
Area : 1115387
Concentration (ng/ul) : 127.3020
Integration start scan : 843 Integration stop scan: 852
Y at integration start : 0 Y at integration end: 0

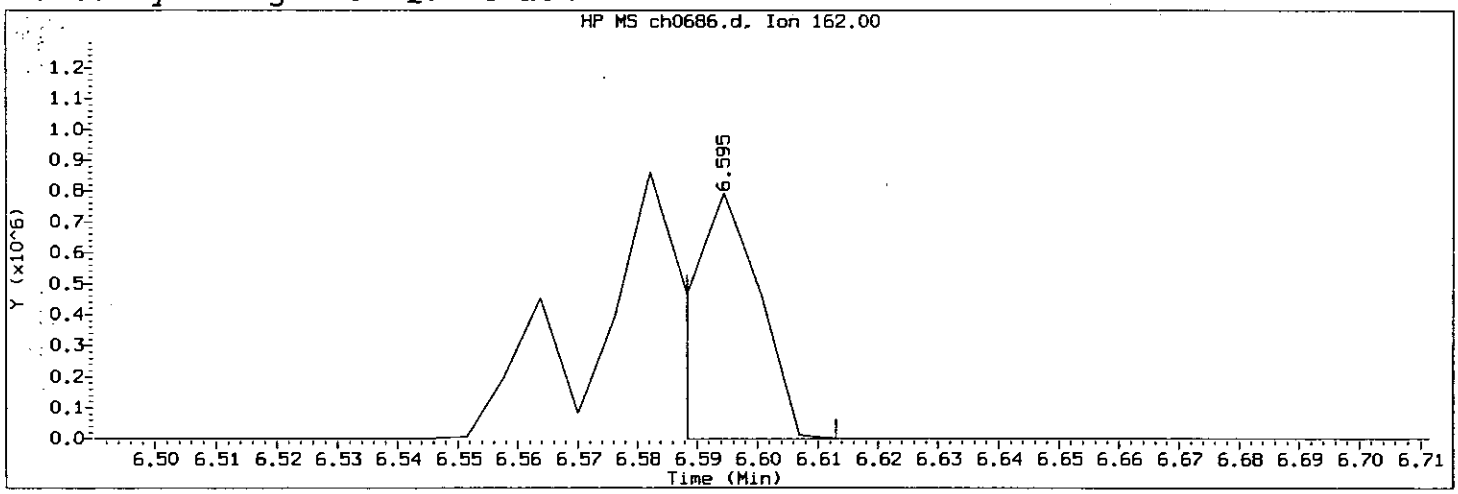
CM 01237
8/22/07
8516

Original Integration Report for data file /chem/HP10623.i/07aug22.b/ch0686.d, generated on 08/22/2007 at 12:42

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP10623.i/07aug22.b/ch0686.d Instrument ID: HP10623.i
Injection date and time: 22-AUG-2007 11:55 Analyst ID: cam01237

Method used: /chem/HP10623.i/07aug22.b/m8270.m Sublist used: all1
Calibration date and time: 22-AUG-2007 12:42
Date, time and analyst ID of latest file update: 22-Aug-2007 12:42 cam01237

Sample Name: SSTD080 Lab Sample ID: STD2187

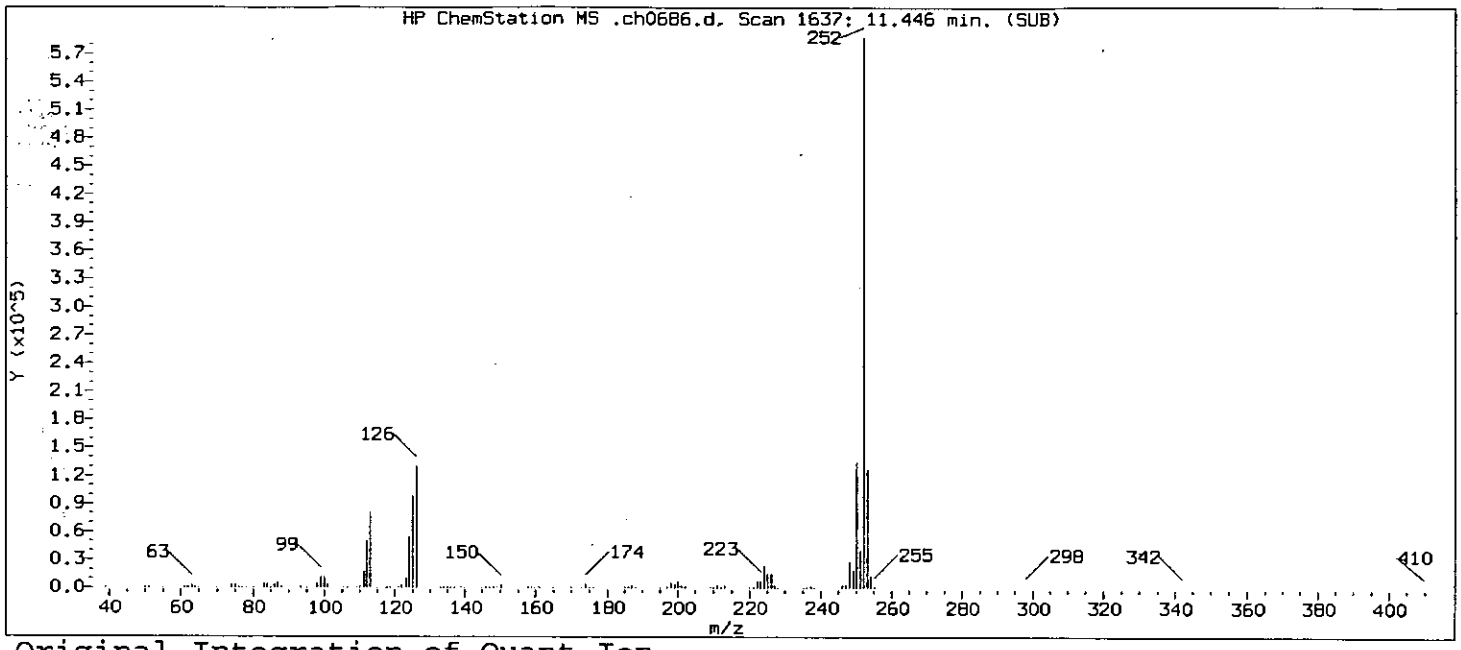
Compound Number	: 72	
Compound Name	: 1-Chloronaphthalene	
Scan Number	: 848	
Retention Time (minutes)	: 6.595	
Quant Ion	: 162	
Area (flag)	: 639784	M
Concentration (ng/ul)	: 86.1840	
Integration start scan	: 846	Integration stop scan: 850
Y at integration start	: -520	Y at integration end: -1057

Reason for manual integration (circle one): missed peak (improper integration)

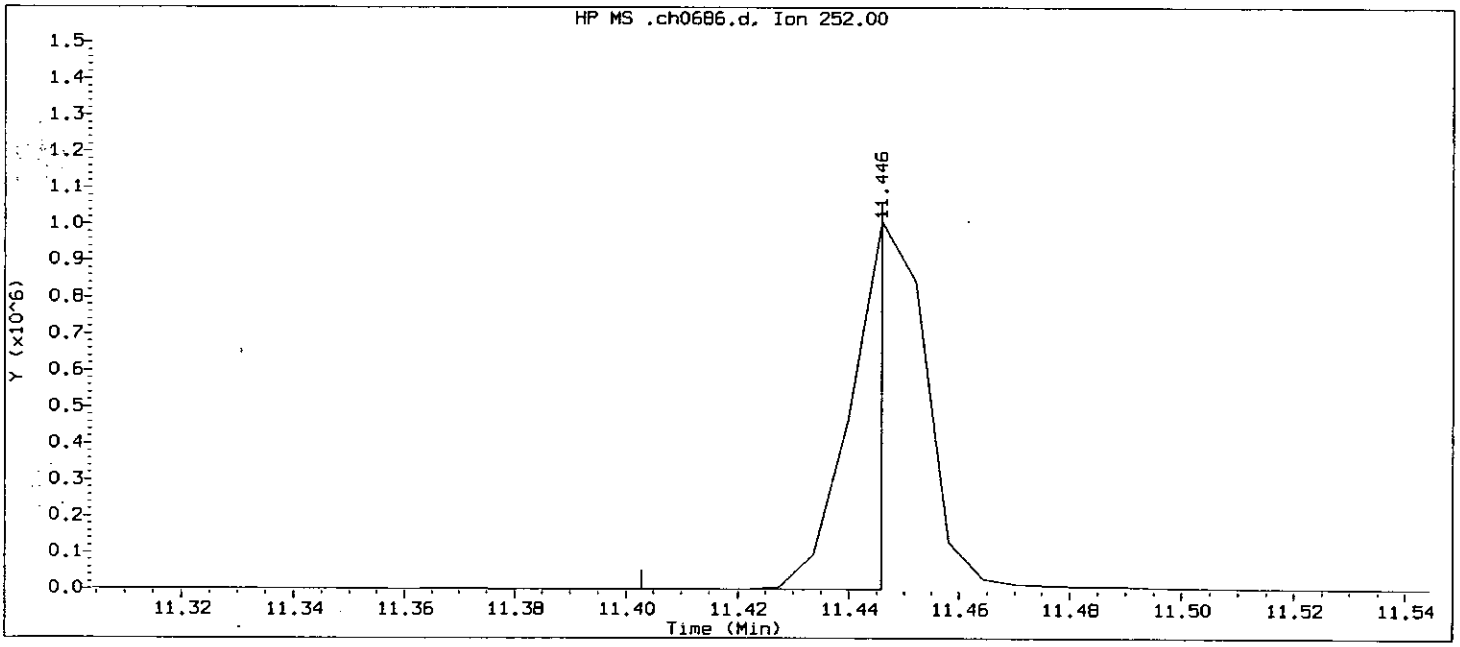
Analyst responsible for change: CM 01237 8/22/07

GC/MS audit/management approval: CMR/412 8517 8/22/07

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP10623.i/07aug22.b/ch0686.d Instrument ID: HP10623.i
Injection date and time: 22-AUG-2007 11:55 Analyst ID: cam01237

Method used: /chem/HP10623.i/07aug22.b/m8270.m Sublist used: all1
Calibration date and time: 22-AUG-2007 12:10
Date, time and analyst ID of latest file update: 22-Aug-2007 12:10 Automation

Sample Name: SSTD080 Lab Sample ID: STD2187

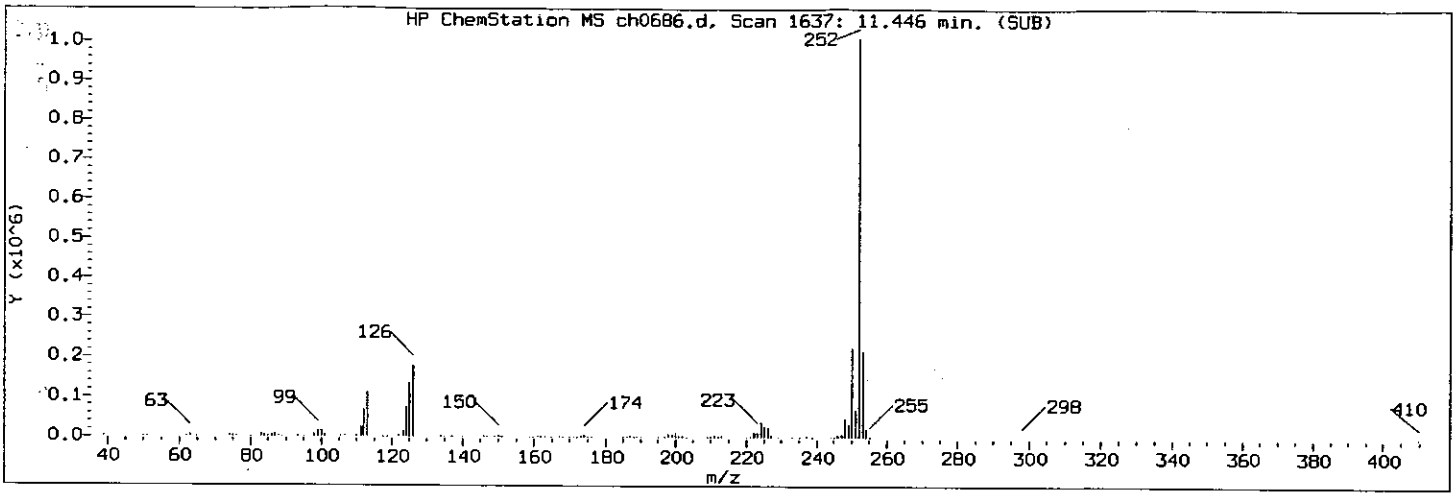
Compound Number	: 160
Compound Name	: Benzo(a)pyrene
Scan Number	: 1637
Retention Time (minutes)	: 11.446
Quant Ion	: 252
Area	: 391635
Concentration (ng/ul)	: 38.3719
Integration start scan	: 1629 Integration stop scan: 1636
Y at integration start	: 419 Y at integration end: 419

cm 01237
8/22/07

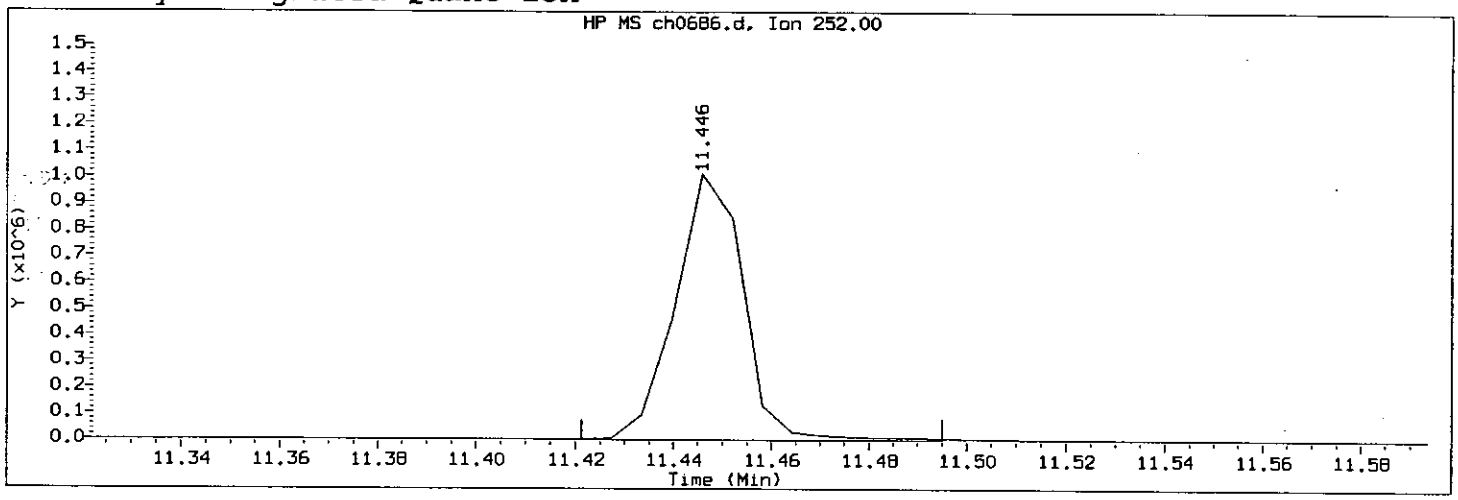
0518

Original Integration Report for data file /chem/HP10623.i/07aug22.b/ch0686.d, generated on 08/22/2007 at 12:42

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP10623.i/07aug22.b/ch0686.d Instrument ID: HP10623.i
Injection date and time: 22-AUG-2007 11:55 Analyst ID: cam01237

Method used: /chem/HP10623.i/07aug22.b/m8270.m Sublist used: all
Calibration date and time: 22-AUG-2007 12:42
Date, time and analyst ID of latest file update: 22-Aug-2007 12:42 cam01237

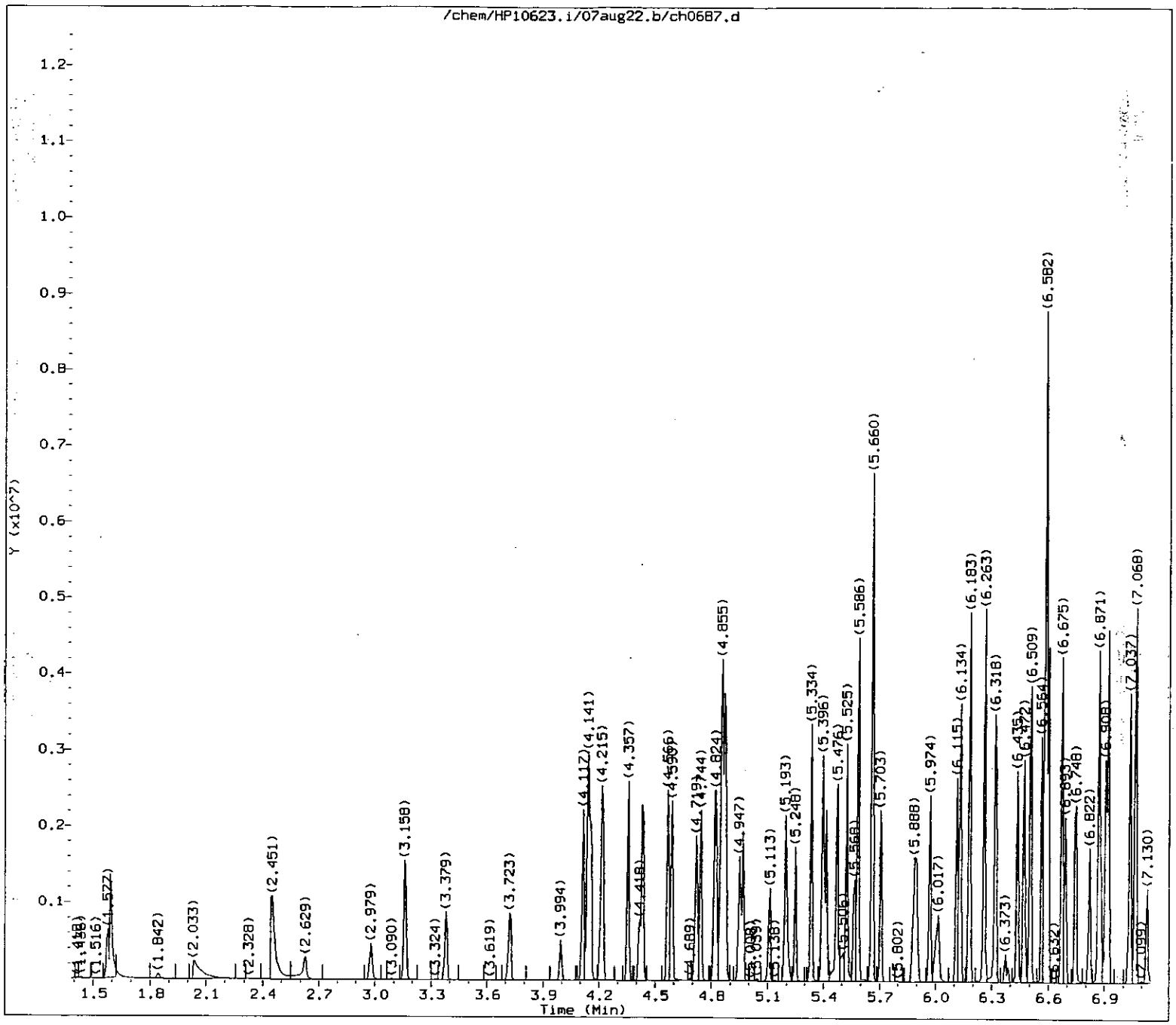
Sample Name: SSTD080 Lab Sample ID: STD2187

Compound Number : 160
Compound Name : Benzo(a)pyrene
Scan Number : 1637
Retention Time (minutes): 11.446
Quant Ion : 252
Area (flag) : 971706 M
Concentration (ng/ul) : 83.0016
Integration start scan : 1632 Integration stop scan: 1644
Y at integration start : -1251 Y at integration end: -1251

Reason for manual integration (circle one): missed peak (improper integration)

Analyst responsible for change: Cm 01237 8/22/07

GC/MS audit/management approval: Cmajm 8/22/07



Quant Report

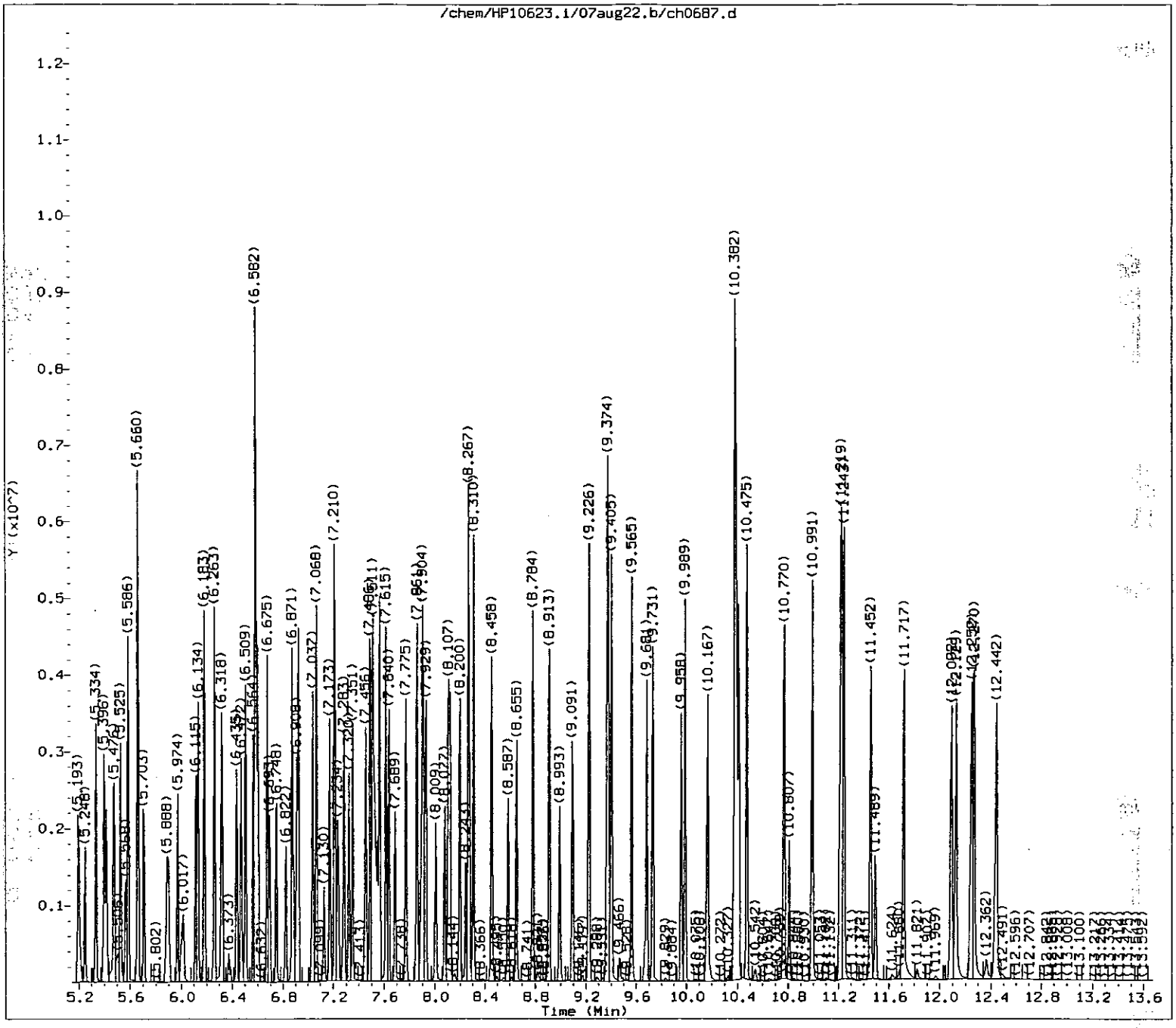
Target Revision 3.5

Data File: /chem/HP10623.i/07aug22.b/ch0687.d
Injection date and time: 22-AUG-2007 12:16
Instrument ID: HP10623.i
Analyst ID: cam01237

Method used: /chem/HP10623.i/07aug22.b/m8270.m
Calibration date and time: 22-AUG-2007 12:54
Sublist used: all1
Date, time and analyst ID of latest file update: 22-Aug-2007 12:54 cam01237

Sample Name: SSTD120
Lab Sample ID: STD2187

CAM 08237
8/22/07



Quant Report

Target Revision 3.5

Data File: /chem/HP10623.i/07aug22.b/ch0687.d Instrument ID: HP10623.i
Injection date and time: 22-AUG-2007 12:16 Analyst ID: cam01237

Method used: /chem/HP10623.i/07aug22.b/m8270.m Sublist used: all1
Calibration date and time: 22-AUG-2007 12:54
Date, time and analyst ID of latest file update: 22-Aug-2007 12:54 cam01237

Sample Name: SSTD120 Lab Sample ID: STD2187

8521 Cm 01237
8/22/07

Quant Report

Target Revision 3.5

Data File: /chem/HP10623.i/07aug22.b/ch0687.d Instrument ID: HP10623.i
Injection date and time: 22-AUG-2007 12:16 Analyst ID: cam01237

Method used: /chem/HP10623.i/07aug22.b/m8270.m Sublist used: all1
Calibration date and time: 22-AUG-2007 12:54
Date, time and analyst ID of latest file update: 22-Aug-2007 12:54 cam01237

Sample Name: SSTD120 Lab Sample ID: STD2187

	Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
2)	N-Nitrosodimethylamine	(1)	1.577	74	303742	131.3117
3)	Pyridine	(1)	1.590	79	510005M	120.4549
5)	2-Picoline	(1)	2.451	93	558857	128.9585
15)	Phenol	(1)	4.160	94	667009	123.5328
16)	Aniline	(1)	4.117	93	793534	118.1396
18)	bis(2-Chloroethyl)ether	(1)	4.209	93	501733	119.8540
19)	2-Chlorophenol	(1)	4.221	128	505250	122.1940
20)	1,3-Dichlorobenzene	(1)	4.357	146	518518	120.7287
21)	1,4-Dichlorobenzene-d4	(1)	4.418	152	108385	40.0000
22)	1,4-Dichlorobenzene	(1)	4.437	146	528569	120.0720
23)	Benzyl alcohol	(1)	4.590	108	372079	125.0236
24)	1,2-Dichlorobenzene	(1)	4.566	146	512057	120.9824
25)	2-Methylphenol	(1)	4.744	108	501512M	121.7012
26)	2,2'-oxybis(1-Chloropropane)	(1)	4.713	45	413475MA	117.5221
27)	bis(2-Chloroisopropyl)ether	(1)	4.713	45	413475MA	117.5221
29)	Acetophenone	(1)	4.818	105	738215	119.9643
30)	N-Nitroso-di-n-propylamine	(1)	4.855	70	354211	117.0933
31)	4-Methylphenol	(1)	4.867	108	557692	120.2673
33)	o-Toluidine	(1)	4.855	106	813012	117.2365
34)	Hexachloroethane	(1)	4.873	117	195308	122.7996
36)	Nitrobenzene	(2)	4.965	77	534828	121.1484
38)	Isophorone	(2)	5.193	82	1046990	119.8702
39)	2-Nitrophenol	(2)	5.248	139	283471	124.4587
40)	2,4-Dimethylphenol	(2)	5.334	107	529262	120.3325
42)	bis(2-Chloroethoxy)methane	(2)	5.414	93	562668	117.7865
43)	Benzoic acid	(2)	5.506	105	418597	132.3858
44)	2,4-Dichlorophenol	(2)	5.476	162	448308	121.7992
45)	1,2,4-Trichlorobenzene	(2)	5.525	180	444482	120.3150
46)	Naphthalene-d8	(2)	5.568	136	493041	40.0000
47)	Naphthalene	(2)	5.586	128	1525471	118.0264
48)	4-Chloroaniline	(2)	5.660	127	593481	109.6300
49)	2,6-Dichlorophenol	(2)	5.660	162	410277	116.1905
51)	Hexachlorobutadiene	(2)	5.709	225	221226	120.6174
52)	Quinoline	(2)	5.888	129	1073700	120.6775
53)	Caprolactam	(2)	6.017	113	192732	123.1551
55)	4-Chloro-3-methylphenol	(2)	6.115	107	492915	119.9542
58)	2-Methylnaphthalene	(2)	6.183	142	1056789	116.8381
60)	1-Methylnaphthalene	(2)	6.263	142	1019715	117.6138
61)	Hexachlorocyclopentadiene	(3)	6.312	237	169237	124.2392
62)	1,2,4,5-Tetrachlorobenzene	(3)	6.324	216	424656	123.8457
64)	2,4,6-Trichlorophenol	(3)	6.435	196	317494	125.9070
65)	2,4,5-Trichlorophenol	(3)	6.472	196	369602	128.5068
68)	Biphenyl	(3)	6.582	154	1205987	114.0261

M = Compound was manually integrated. A = User selected an alternate hit

Quant Report

Target Revision 3.5

Data File: /chem/HP10623.i/07aug22.b/ch0687.d Instrument ID: HP10623.i
Injection date and time: 22-AUG-2007 12:16 Analyst ID: cam01237

Method used: /chem/HP10623.i/07aug22.b/m8270.m Sublist used: all1
Calibration date and time: 22-AUG-2007 12:54
Date, time and analyst ID of latest file update: 22-Aug-2007 12:54 cam01237

Sample Name: SSTD120 Lab Sample ID: STD2187

	Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
69)	Diphenyl	(3)	6.582	154	1205987	114.0261
70)	1,1'-Biphenyl	(3)	6.582	154	1205987	114.0261
71)	2-Chloronaphthalene	(3)	6.589	162	1351911M	126.8295
72)	1-Chloronaphthalene	(3)	6.601	162	975136M	107.9370
73)	Diphenyl ether	(3)	6.675	170	710482	121.2719
74)	2-Nitroaniline	(3)	6.693	138	385435	126.6027
77)	Dimethylphthalate	(3)	6.871	163	1158408	118.0942
79)	2,6-Dinitrotoluene	(3)	6.908	165	285526	122.0611
80)	Acenaphthylene	(3)	6.921	152	1487737	122.0187
81)	3-Nitroaniline	(3)	7.037	138	323867	123.6648
82)	Acenaphthene-d10	(3)	7.037	164	298032	40.0000
83)	Acenaphthene	(3)	7.068	153	1037812	122.2342
84)	2,4-Dinitrophenol	(3)	7.130	184	167583	122.7421
85)	Pentachlorobenzene	(3)	7.173	250	400574	119.8747
86)	4-Nitrophenol	(3)	7.216	109	178957	133.9701
87)	Dibenzofuran	(3)	7.210	168	1382476	115.1264
88)	2,4-Dinitrotoluene	(3)	7.240	165	398569	128.4802
90)	1-Naphthylamine	(3)	7.283	143	924989	109.6108
91)	2,3,4,6-Tetrachlorophenol	(3)	7.320	232	263037	125.4156
92)	2-Naphthylamine	(3)	7.351	143	835096	97.1069
93)	Diethylphthalate	(3)	7.456	149	1219778	121.4762
94)	Fluorene	(3)	7.486	166	1240126	124.1255
96)	4-Chlorophenyl-phenylether	(3)	7.505	204	521226	118.8220
98)	4-Nitroaniline	(3)	7.548	138	347625	122.7006
99)	4,6-Dinitro-2-methylphenol	(4)	7.566	198	215886	131.5952
102)	N-Nitrosodiphenylamine	(4)	7.615	169	874806	115.7960
103)	1,2-Diphenylhydrazine	(4)	7.640	77	1174837	119.3757
108)	Phorate	(4)	7.861	75	666960	92.2706
110)	4-Bromophenyl-phenylether	(4)	7.904	248	313388	112.3580
112)	Hexachlorobenzene	(4)	7.929	284	378021	114.8777
116)	Pentachlorophenol	(4)	8.107	266	240500	127.9957
120)	Phenanthrene-d10	(4)	8.243	188	563469	40.0000
121)	Phenanthrene	(4)	8.267	178	1694700	112.7900
122)	Dinoseb	(4)	8.280	211	305634	119.6720
124)	Anthracene	(4)	8.310	178	1788192	114.9470
125)	Carbazole	(4)	8.458	167	1692558	119.9877
126)	Methyl parathion	(4)	8.587	109	333473	105.7343
127)	Ronnel	(4)	8.655	285	440446	107.2837
128)	Di-n-butylphthalate	(4)	8.784	149	2067373	117.3235
129)	Parathion	(4)	8.913	109	252426	120.4507
134)	Fluoranthene	(4)	9.226	202	1866929	114.6059
135)	Benzidine	(5)	9.374	184	3008269	355.2176
136)	Pyrene	(5)	9.405	202	1890683	129.8678

M = Compound was manually integrated. A = User selected an alternate hit

Quant Report

Target Revision 3.5

Data File: /chem/HP10623.i/07aug22.b/ch0687.d Instrument ID: HP10623.i
Injection date and time: 22-AUG-2007 12:16 Analyst ID: cam01237

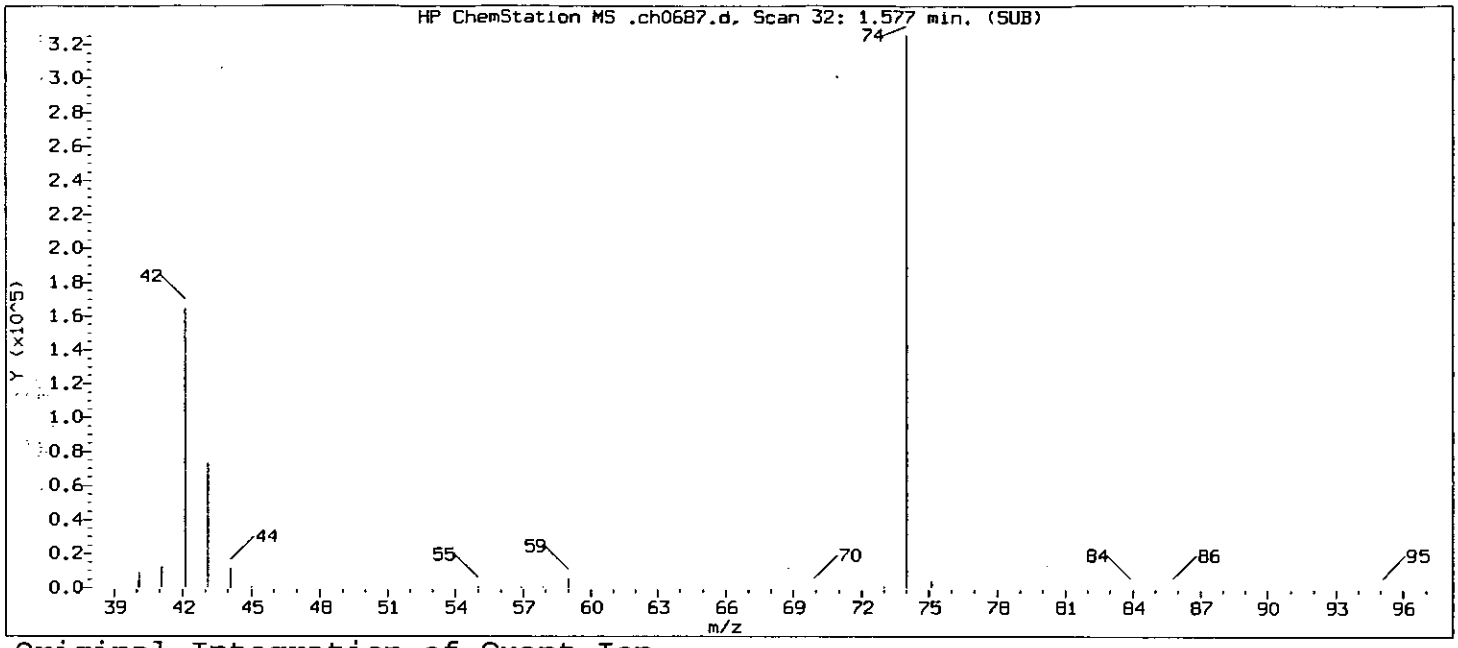
Method used: /chem/HP10623.i/07aug22.b/m8270.m Sublist used: all1
Calibration date and time: 22-AUG-2007 12:54
Date, time and analyst ID of latest file update: 22-Aug-2007 12:54 cam01237

Sample Name: SSTD120 Lab Sample ID: STD2187

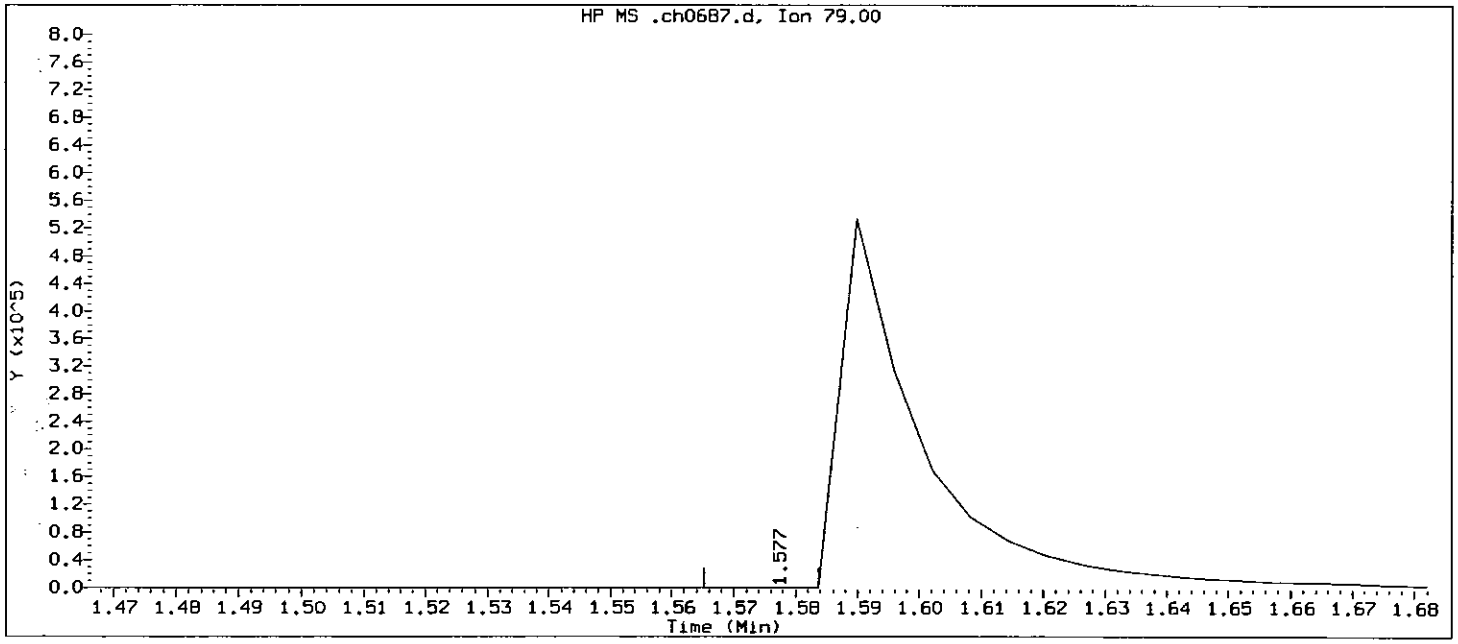
	Compounds	I.S. Ref.	RT	QIon	Area		Conc. (on column)
143)	Butylbenzylphthalate	(5)	9.989	149	920273		129.8188
145)	3,3'-Dichlorobenzidine	(5)	10.382	252	636728		124.2518
146)	Benzo(a)anthracene	(5)	10.382	228	1565548		126.2520
147)	Hexabromobenzene	(5)	10.376	552	20493		144.8804
148)	4,4'-Methylenebis(2-Chloroanil	(5)	10.395	231	341898		129.5032
149)	Chrysene-d12	(5)	10.389	240	440922		40.0000
150)	Chrysene	(5)	10.407	228	1574768		125.1084
151)	bis(2-Ethylhexyl)phthalate	(5)	10.475	149	1323657		132.5683
152)	6-Methylchrysene	(5)	10.770	242	1255580		129.8777
156)	Di-n-octylphthalate	(6)	10.991	149	2239077		123.9655
157)	7,12-Dimethylbenz[a]anthracene	(6)	11.219	256	870578		126.5908
158)	Benzo(b)fluoranthene	(6)	11.225	252	1826590		119.4657
159)	Benzo(k)fluoranthene	(6)	11.243	252	1804179	A	114.4873
160)	Benzo(a)pyrene	(6)	11.458	252	1782335		122.5937
161)	Perylene-d12	(6)	11.489	264	456960		40.0000
162)	3-Methylcholanthrene	(6)	11.717	268	976761		120.8190
166)	Dibenz(a,h)acridine	(6)	12.092	279	1518329		126.5008
167)	Dibenz(a,j)acridine	(6)	12.129	279	1608683		122.5860
168)	Indeno(1,2,3-cd)pyrene	(6)	12.252	276	2161416		122.3094
169)	Dibenz(a,h)anthracene	(6)	12.270	278	1685297		119.7511
170)	Benzo(g,h,i)perylene	(6)	12.442	276	1828926		122.2858
9)	2-Fluorophenol	(1)	3.158	112	474735		124.5872
13)	Phenol-d5	(1)	4.141	99	606631		121.2581
14)	Phenol-d6	(1)	4.141	99	606631		121.2581
35)	Nitrobenzene-d5	(2)	4.947	82	524010		122.2933
66)	2-Fluorobiphenyl	(3)	6.509	172	1123448		121.5373
104)	2,4,6-Tribromophenol	(3)	7.689	330	228339		130.9485
138)	Terphenyl-d14	(5)	9.565	244	1298146		130.6106

M = Compound was manually integrated. A = User selected an alternate hit

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP10623.i/07aug22.b/ch0687.d Instrument ID: HP10623.i
Injection date and time: 22-AUG-2007 12:16 Analyst ID: cam01237

Method used: /chem/HP10623.i/07aug22.b/m8270.m Sublist used: all1
Calibration date and time: 22-AUG-2007 12:31
Date, time and analyst ID of latest file update: 22-Aug-2007 12:31 Automation

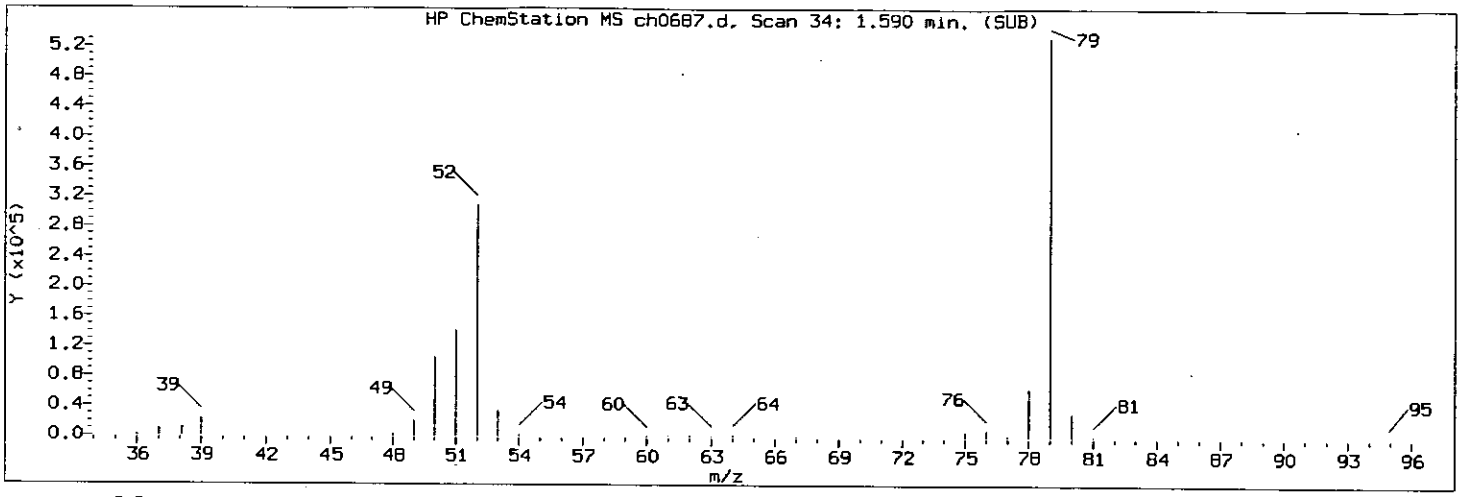
Sample Name: SSTD120 Lab Sample ID: STD2187

Compound Number	: 3
Compound Name	: Pyridine
Scan Number	: 32
Retention Time (minutes)	: 1.577
Quant Ion	: 79
Area	: 119
Concentration (ng/ul)	: 0.0338
Integration start scan	: 29 Integration stop scan: 32
Y at integration start	: 0 Y at integration end: 0

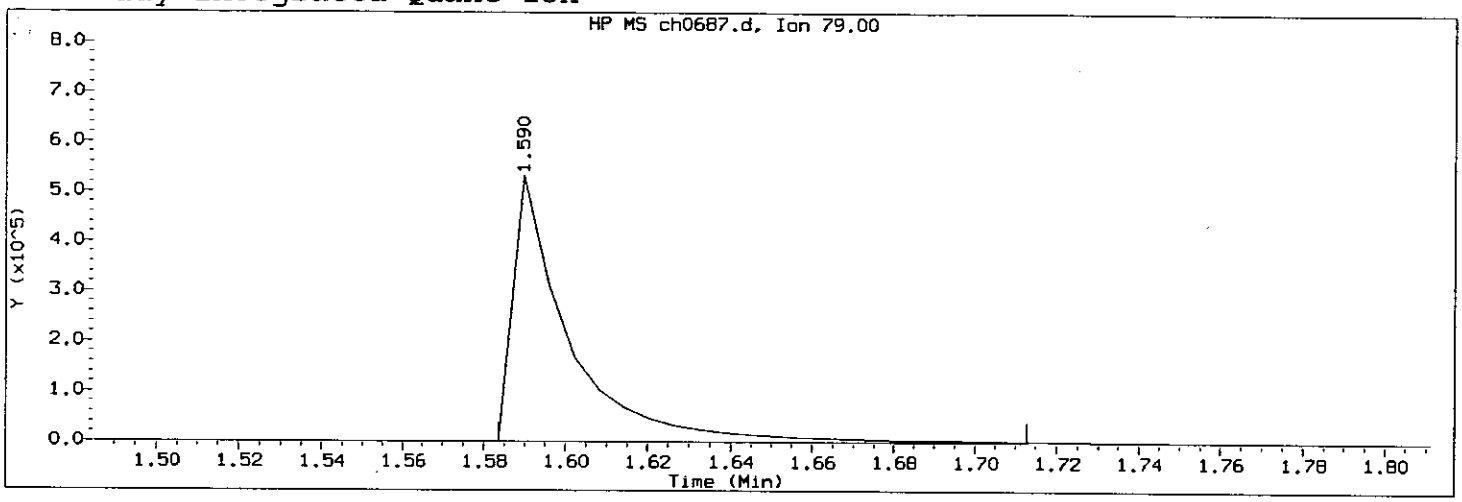
Cm 01237
8/22/07
8525

Original Integration Report for data file /chem/HP10623.i/07aug22.b/ch0687.d, generated on 08/22/2007 at 12:54

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP10623.i/07aug22.b/ch0687.d Instrument ID: HP10623.i
Injection date and time: 22-AUG-2007 12:16 Analyst ID: cam01237

Method used: /chem/HP10623.i/07aug22.b/m8270.m Sublist used: all1
Calibration date and time: 22-AUG-2007 12:54
Date, time and analyst ID of latest file update: 22-Aug-2007 12:54 cam01237

Sample Name: SSTD120 Lab Sample ID: STD2187

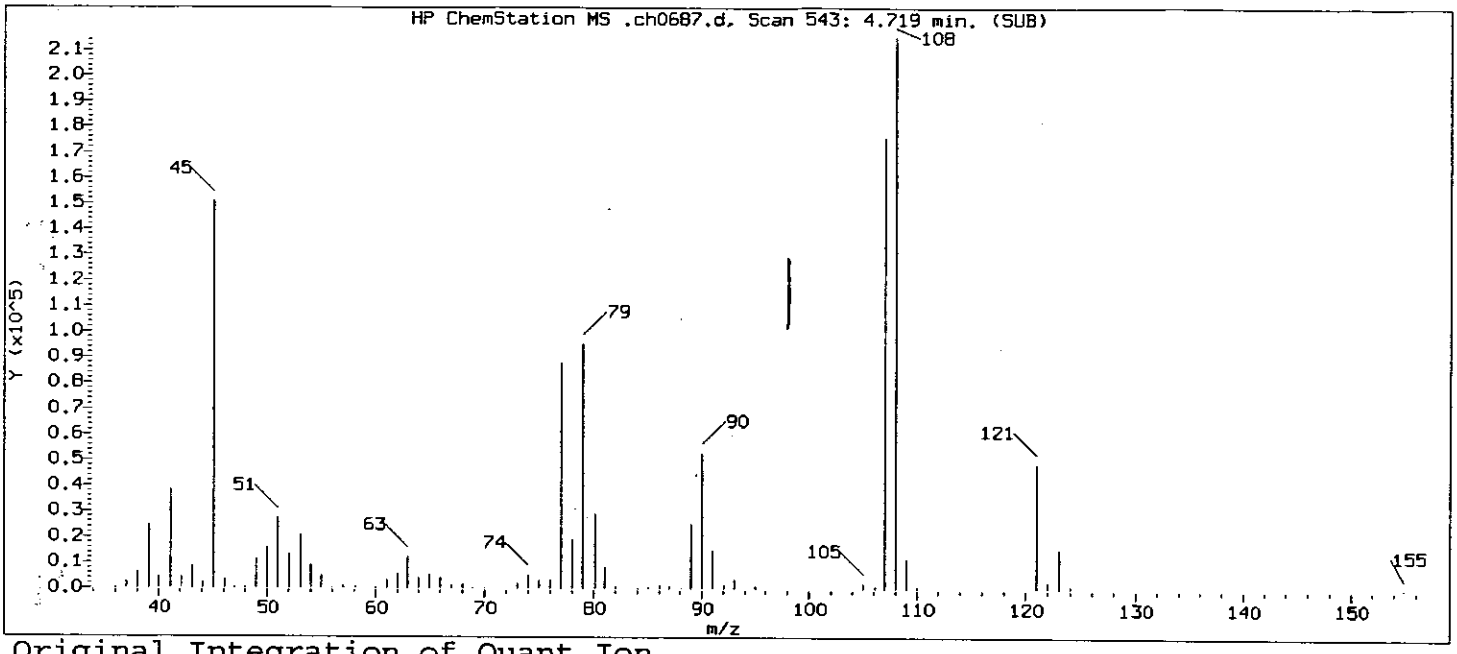
Compound Number	: 3		
Compound Name	: Pyridine		
Scan Number	: 34		
Retention Time (minutes)	: 1.590		
Quant Ion	: 79		
Area (flag)	: 510005	M	
Concentration (ng/ul)	: 120.4549		
Integration start scan	: 32	Integration stop scan:	53
Y at integration start	: -280	Y at integration end:	-280

Reason for manual integration (circle one): missed peak improper integration

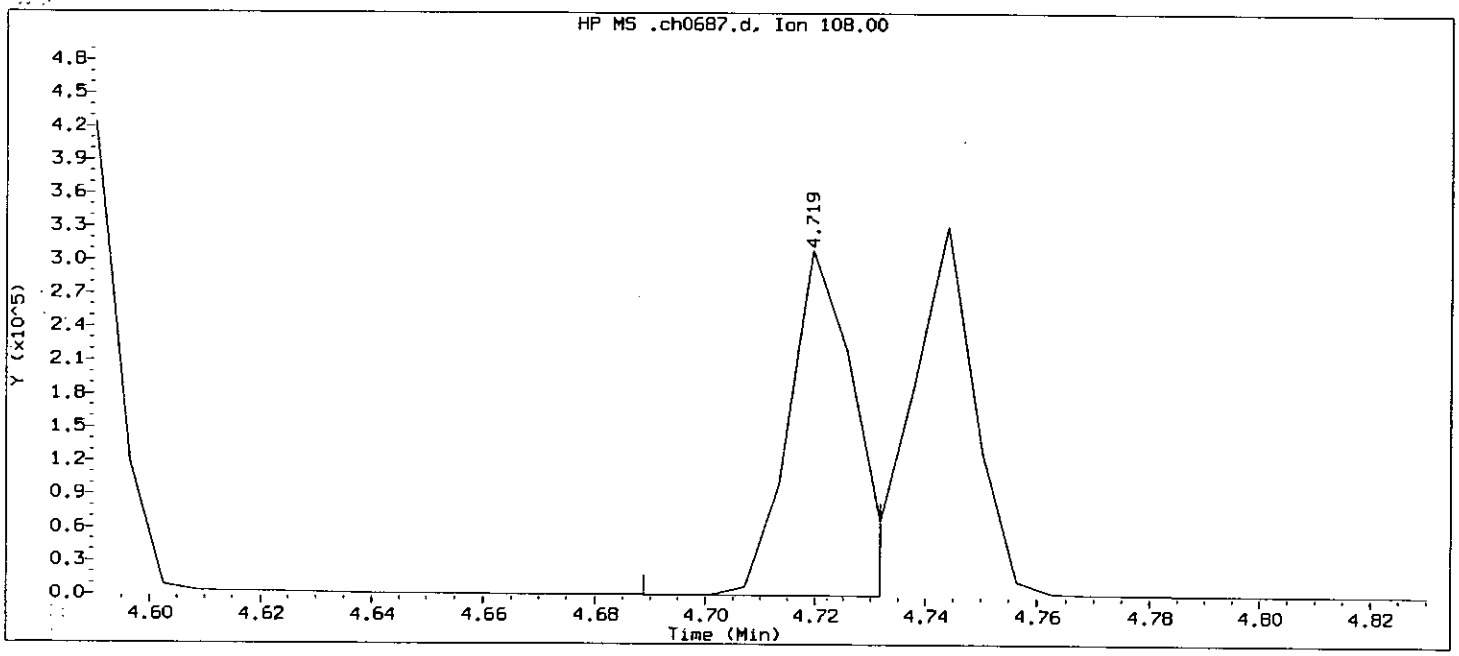
Analyst responsible for change: CM 01237 8/22/07

GC/MS audit/management approval: CM 9526 8/22/07

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP10623.i/07aug22.b/ch0687.d Instrument ID: HP10623.i
Injection date and time: 22-AUG-2007 12:16 Analyst ID: cam01237

Method used: /chem/HP10623.i/07aug22.b/m8270.m Sublist used: all1
Calibration date and time: 22-AUG-2007 12:31
Date, time and analyst ID of latest file update: 22-Aug-2007 12:31 Automation

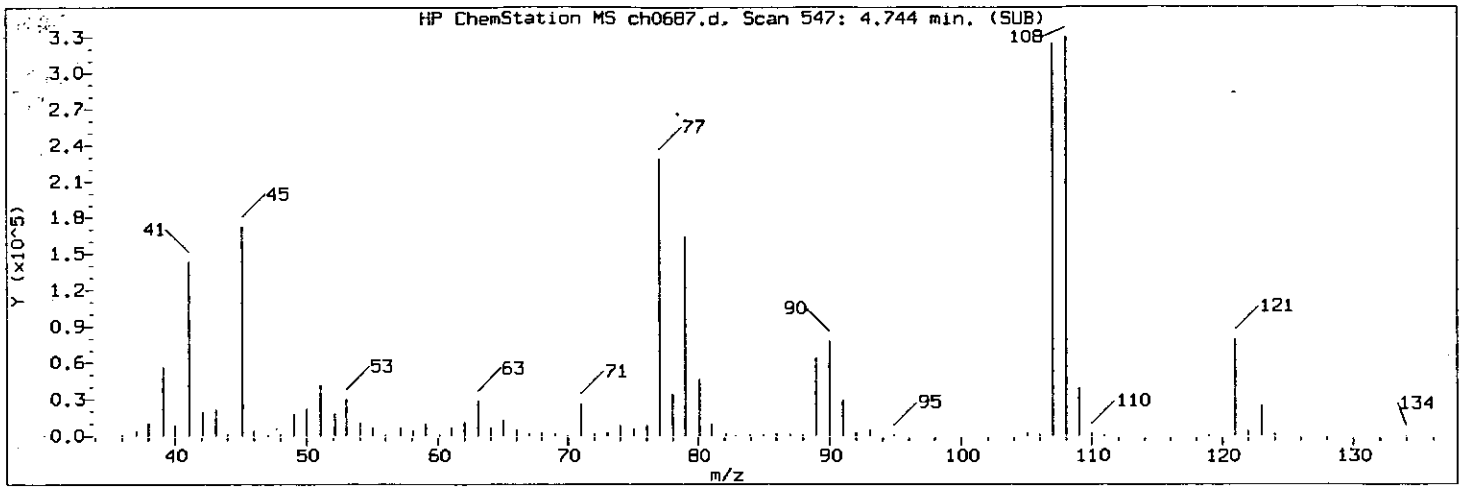
Sample Name: SSTD120 Lab Sample ID: STD2187

Compound Number	:	25
Compound Name	:	2-Methylphenol
Scan Number	:	543
Retention Time (minutes)	:	4.719
Quant Ion	:	108
Area	:	247869
Concentration (ng/ul)	:	65.7725
Integration start scan	:	537 Integration stop scan: 544
Y at integration start	:	0 Y at integration end: 0

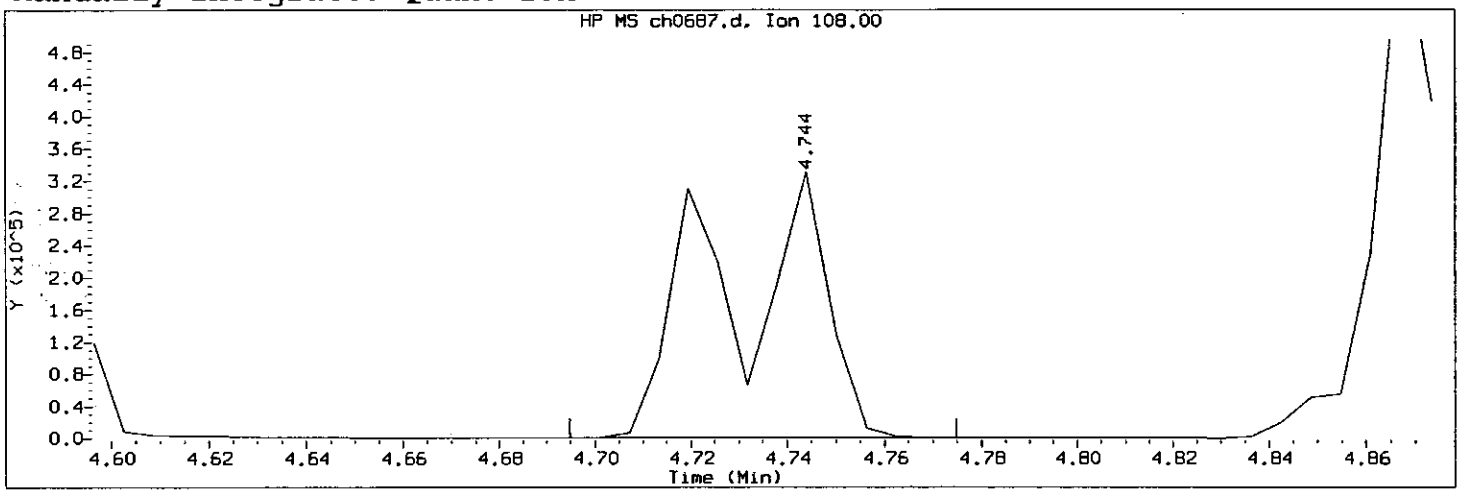
cm 01237
8/22/07
8527

Original Integration Report for data file /chem/HP10623.i/07aug22.b/ch0687.d, generated on 08/22/2007 at 12:54

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP10623.i/07aug22.b/ch0687.d Instrument ID: HP10623.i
Injection date and time: 22-AUG-2007 12:16 Analyst ID: cam01237

Method used: /chem/HP10623.i/07aug22.b/m8270.m Sublist used: all1
Calibration date and time: 22-AUG-2007 12:54
Date, time and analyst ID of latest file update: 22-Aug-2007 12:54 cam01237

Sample Name: SSTD120 Lab Sample ID: STD2187

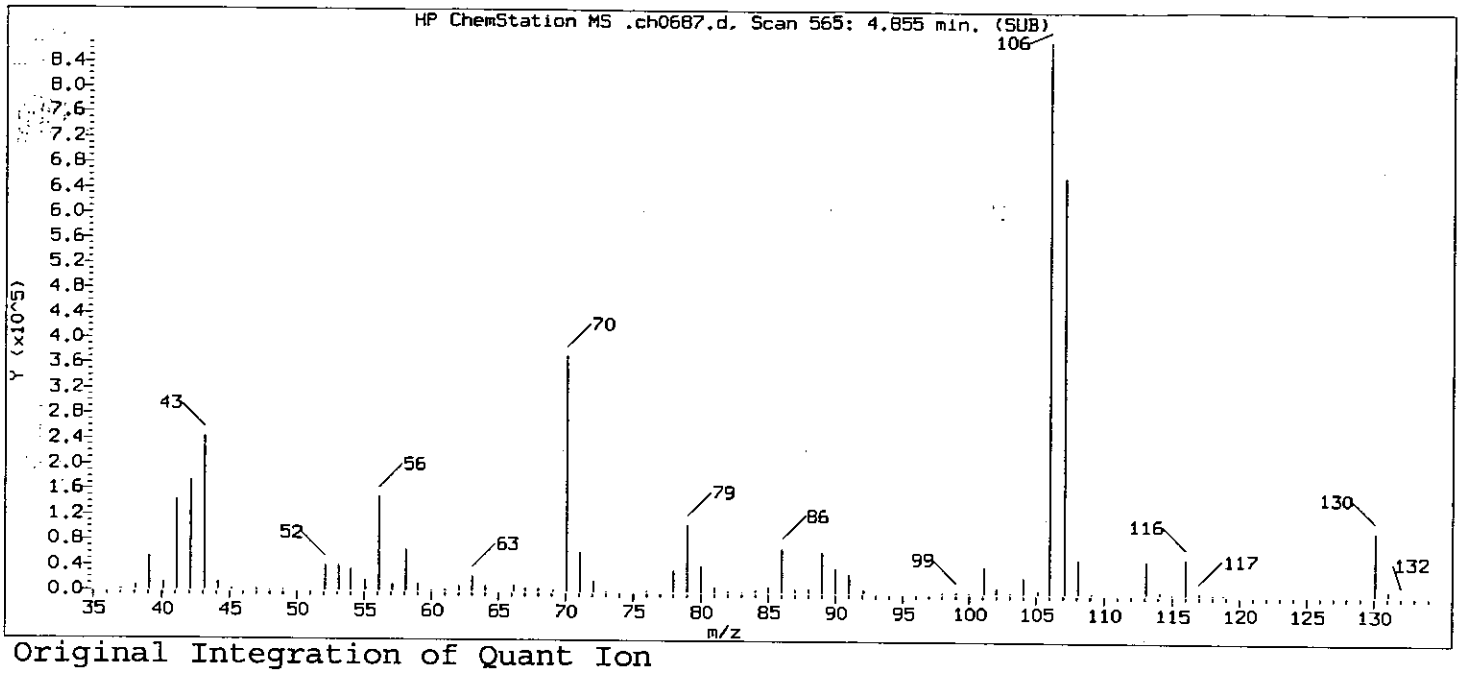
Compound Number	: 25
Compound Name	: 2-Methylphenol
Scan Number	: 547
Retention Time (minutes)	: 4.744
Quant Ion	: 108
Area (flag)	: 501512 M
Concentration (ng/ul)	: 121.7012
Integration start scan	: 538 Integration stop scan: 551
Y at integration start	: 648 Y at integration end: 1024

Reason for manual integration (circle one): missed peak improper integration

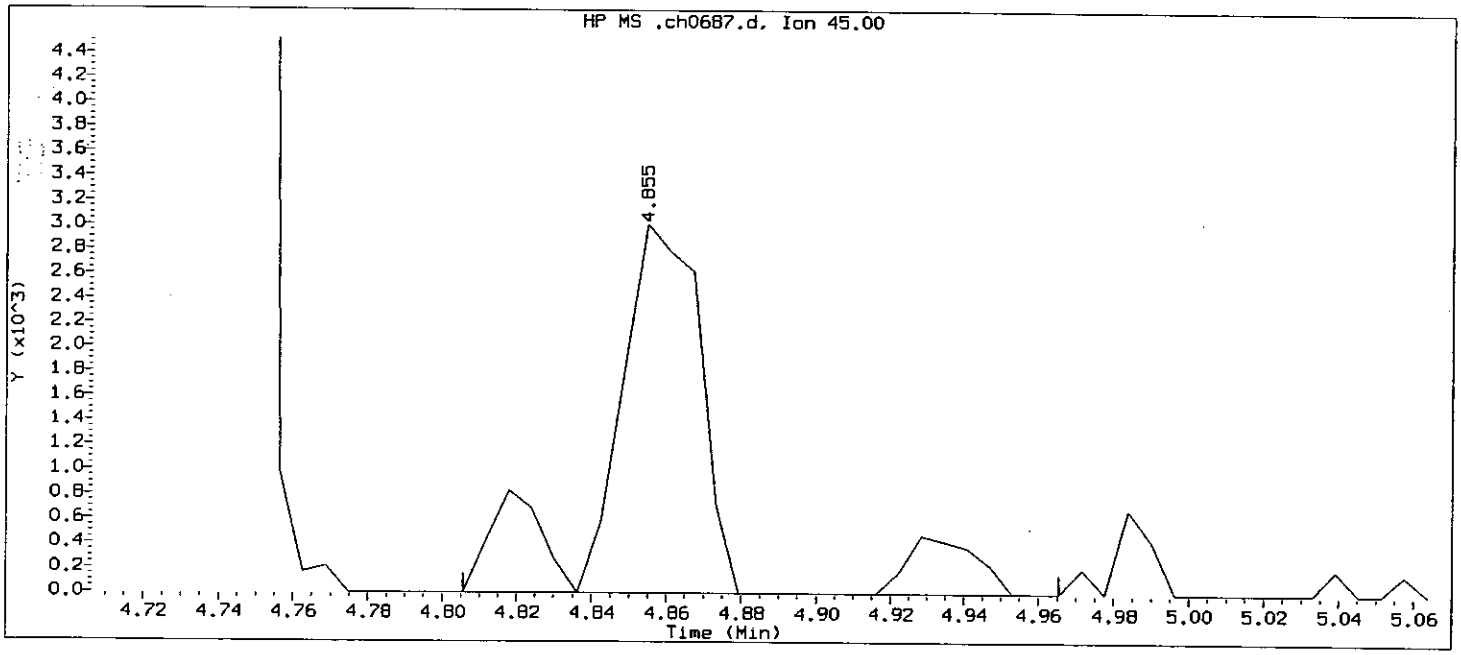
Analyst responsible for change: CM 01237 8/22/07

GC/MS audit/management approval: CMR/HR 8/22/07 0528

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP10623.i/07aug22.b/ch0687.d Instrument ID: HP10623.i
Injection date and time: 22-AUG-2007 12:16 Analyst ID: cam01237

Method used: /chem/HP10623.i/07aug22.b/m8270.m Sublist used: all1
Calibration date and time: 22-AUG-2007 12:31
Date, time and analyst ID of latest file update: 22-Aug-2007 12:31 Automation

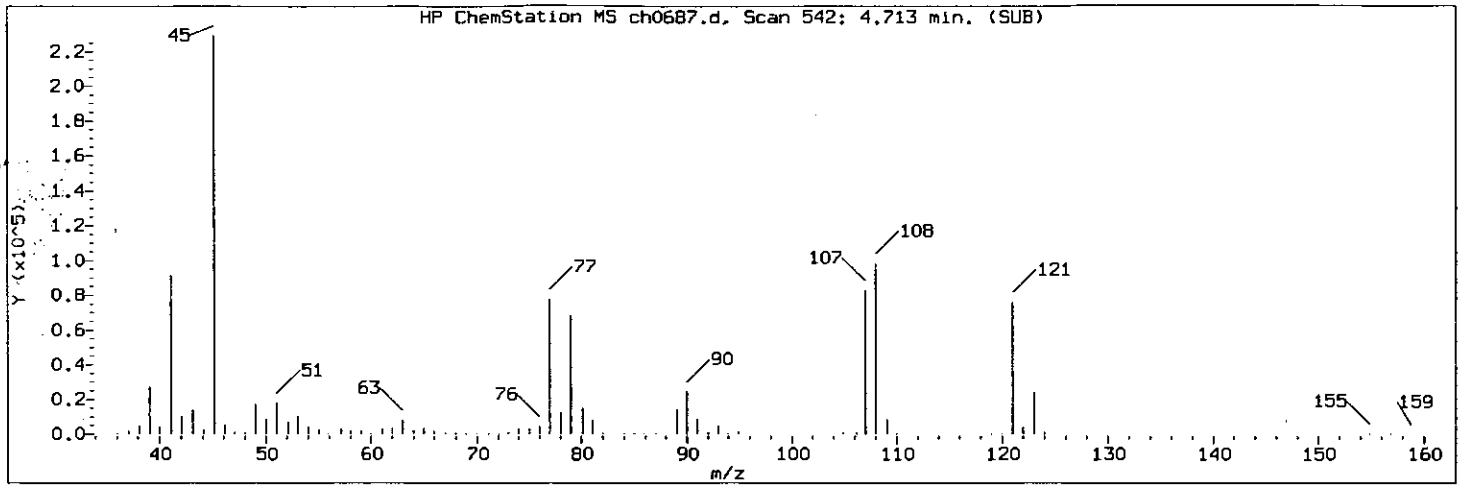
Sample Name: SSTD120 Lab Sample ID: STD2187

Compound Number	: 26
Compound Name	: 2,2'-oxybis(1-Chloropropane)
Scan Number	: 565
Retention Time (minutes)	: 4.855
Quant Ion	: 45
Area	: 5683
Concentration (ng/ul)	: 1.9254
Integration start scan	: 556 Integration stop scan: 582
Y at integration start	: 0 Y at integration end: 0

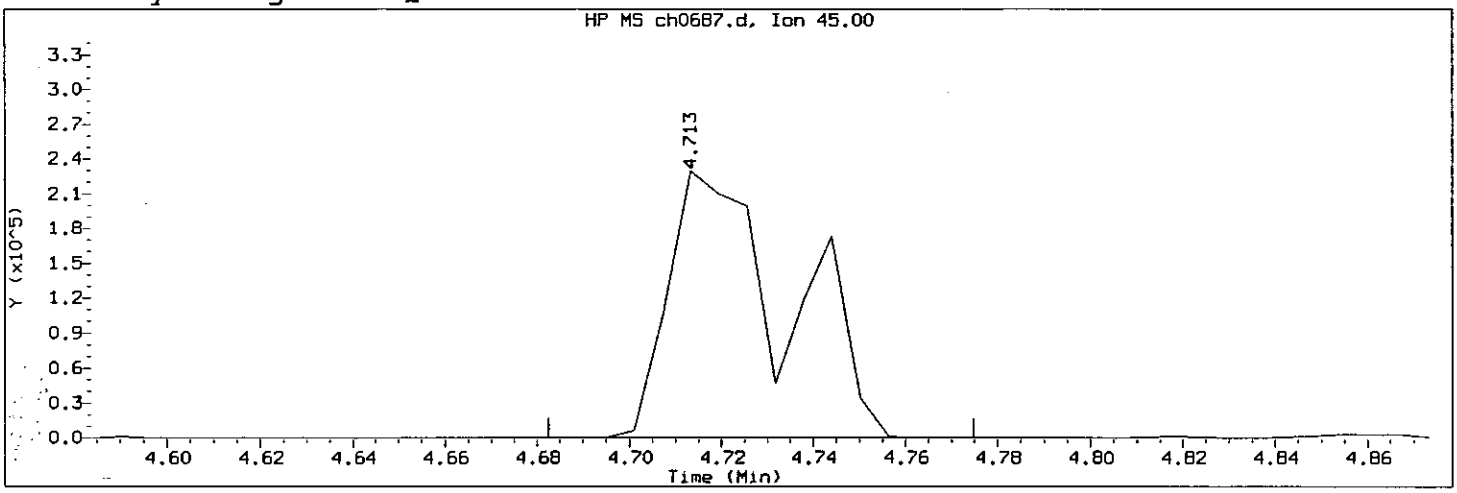
cam01237
8/22/07
0529

Original Integration Report for data file /chem/HP10623.i/07aug22.b/ch0687.d, generated on 08/22/2007 at 12:54

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP10623.i/07aug22.b/ch0687.d Instrument ID: HP10623.i
Injection date and time: 22-AUG-2007 12:16 Analyst ID: cam01237

Method used: /chem/HP10623.i/07aug22.b/m8270.m Sublist used: all1
Calibration date and time: 22-AUG-2007 12:54
Date, time and analyst ID of latest file update: 22-Aug-2007 12:54 cam01237

Sample Name: SSTD120 Lab Sample ID: STD2187

Compound Number : 26
Compound Name : 2,2'-oxybis(1-Chloropropane)
Scan Number : 542
Retention Time (minutes): 4.713
Quant Ion : 45
Area (flag) : 413475AM
Concentration (ng/ul) : 117.5221
Integration start scan : 536 Integration stop scan: 551
Y at integration start : 0 Y at integration end: 0

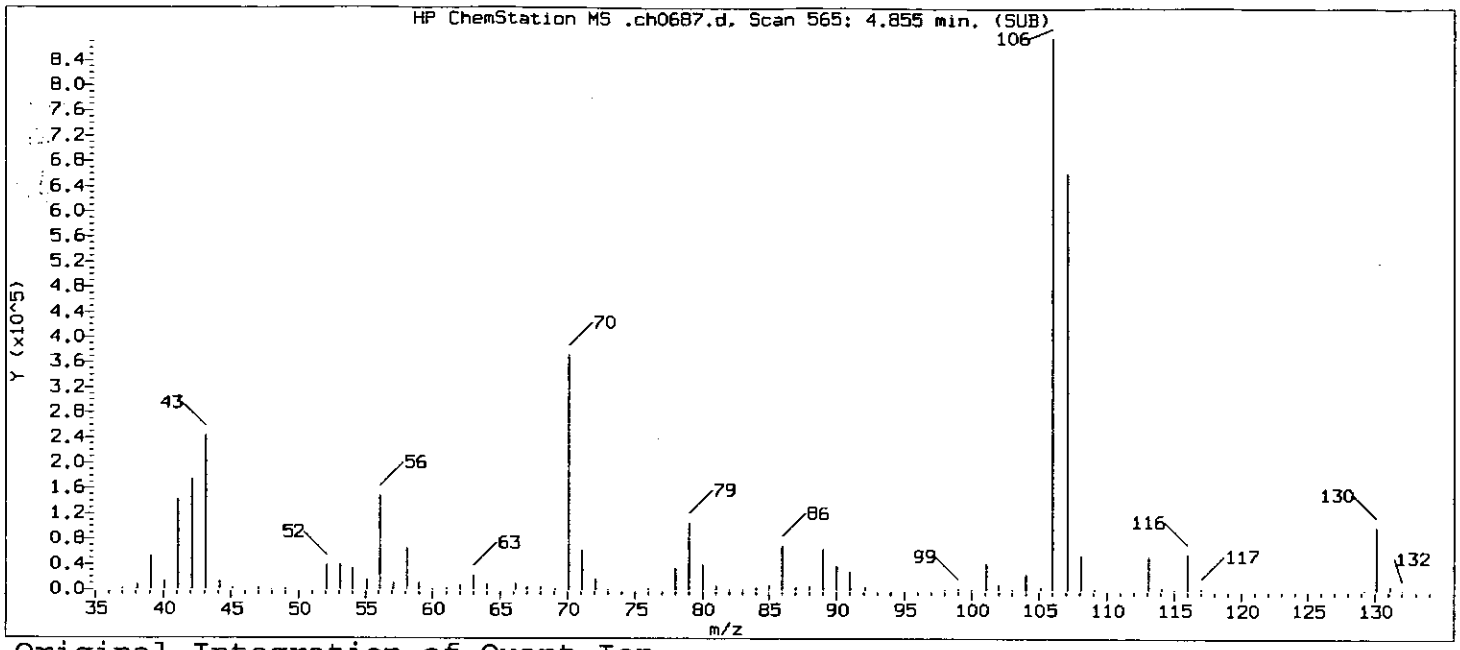
Reason for manual integration (circle one): missed peak improper integration

Analyst responsible for change: Cm 01237 8/22/07

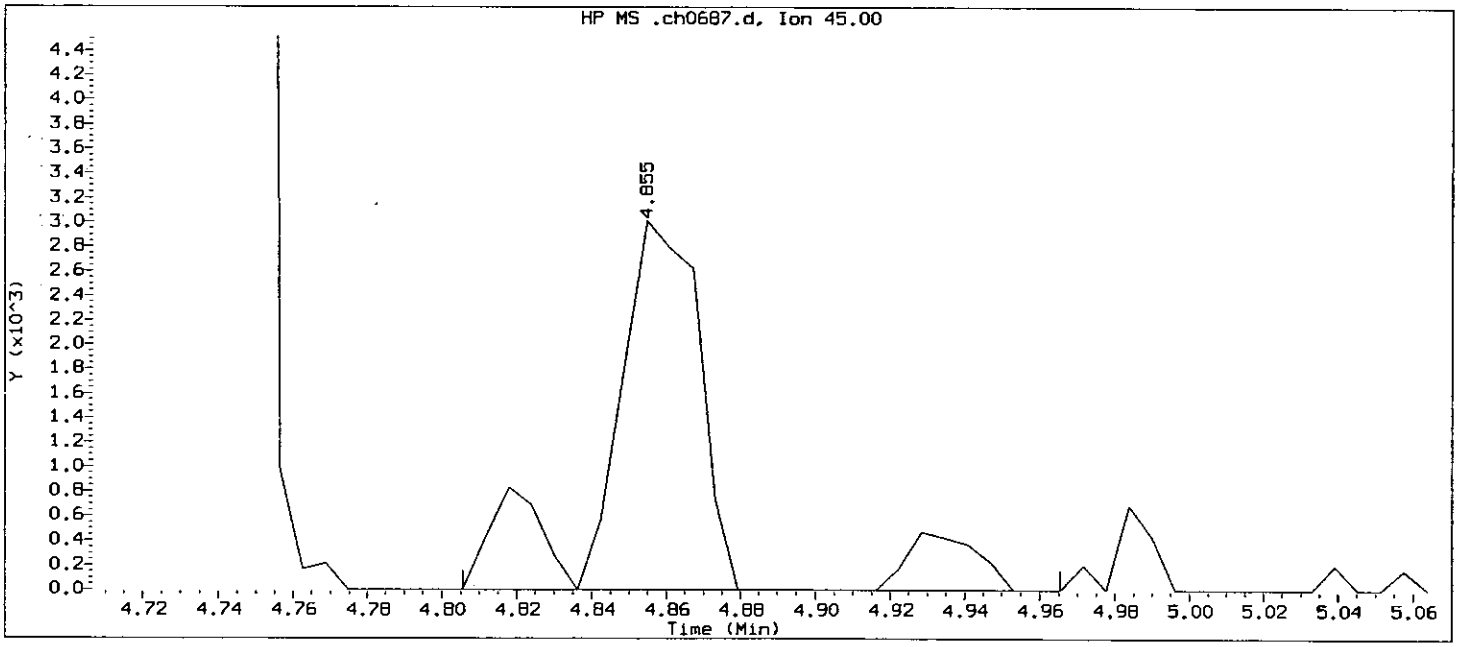
GC/MS audit/management approval: Cm/412 8/22/07 0530

Manual Integration Report for data file /chem/HP10623.i/07aug22.b/ch0687.d, generated on 08/22/2007 at 12:54

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP10623.i/07aug22.b/ch0687.d Instrument ID: HP10623.i
Injection date and time: 22-AUG-2007 12:16 Analyst ID: cam01237

Method used: /chem/HP10623.i/07aug22.b/m8270.m Sublist used: all1
Calibration date and time: 22-AUG-2007 12:31
Date, time and analyst ID of latest file update: 22-Aug-2007 12:31 Automation

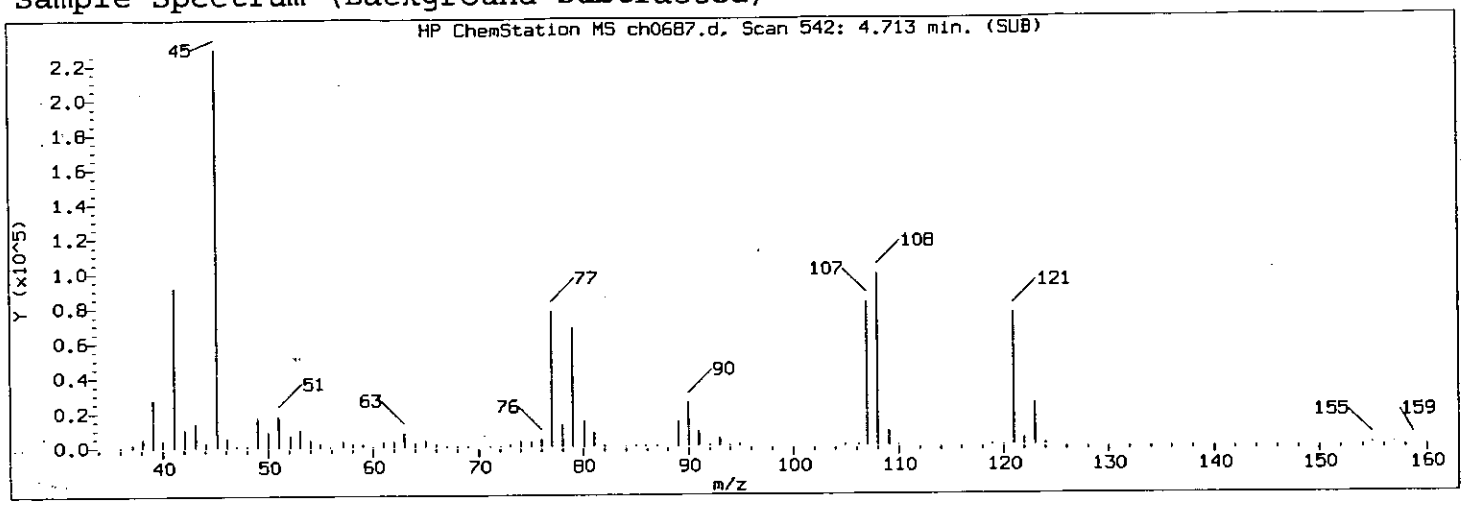
Sample Name: SSTD120 Lab Sample ID: STD2187

Compound Number : 27
Compound Name : bis(2-Chloroisopropyl)ether
Scan Number : 565
Retention Time (minutes): 4.855
Quant Ion : 45
Area : 5683
Concentration (ng/ul) : 1.9254
Integration start scan : 556 Integration stop scan: 582
Y at integration start : 0 Y at integration end: 0

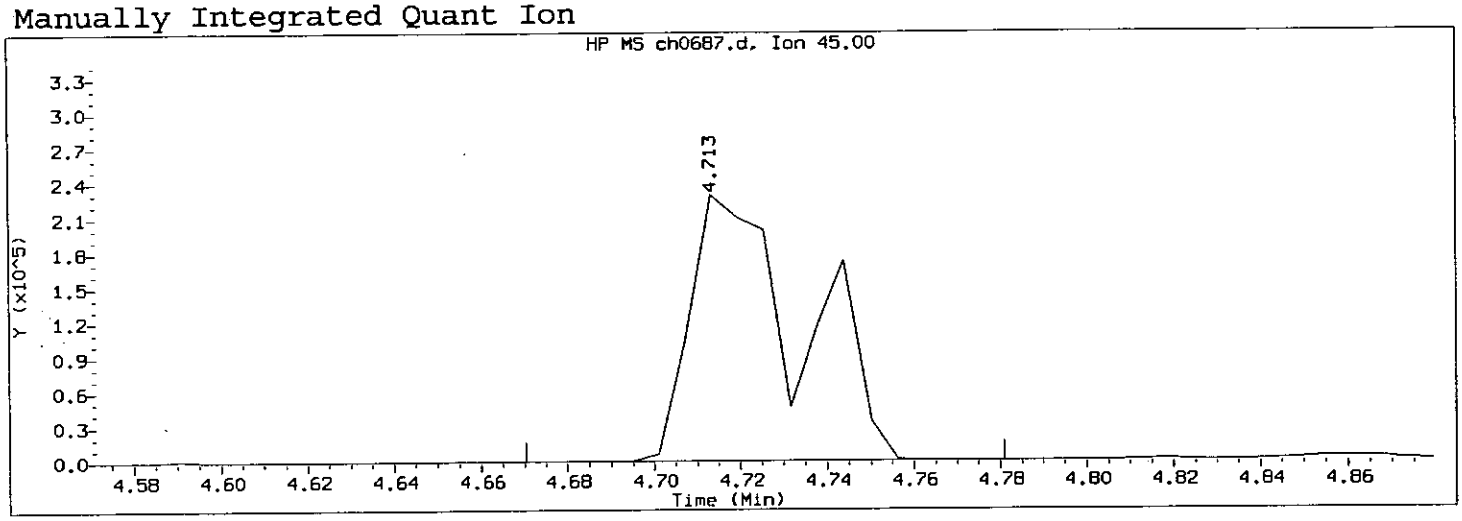
CM 01237
8/22/07
0531

Original Integration Report for data file /chem/HP10623.i/07aug22.b/ch0687.d, generated on 08/22/2007 at 12:54

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP10623.i/07aug22.b/ch0687.d Instrument ID: HP10623.i
Injection date and time: 22-AUG-2007 12:16 Analyst ID: cam01237

Method used: /chem/HP10623.i/07aug22.b/m8270.m Sublist used: all1
Calibration date and time: 22-AUG-2007 12:54
Date, time and analyst ID of latest file update: 22-Aug-2007 12:54 cam01237

Sample Name: SSTD120 Lab Sample ID: STD2187

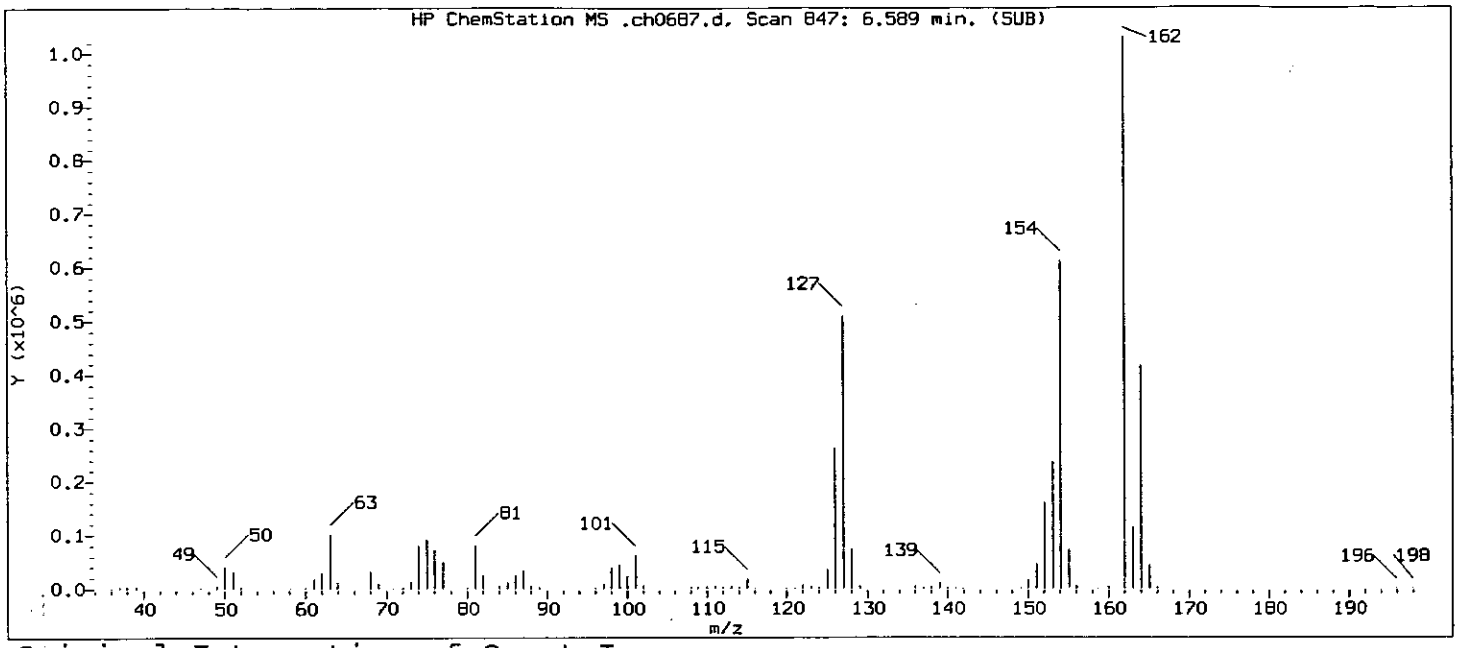
Compound Number : 27
Compound Name : bis(2-Chloroisopropyl)ether
Scan Number : 542
Retention Time (minutes): 4.713
Quant Ion : 45
Area (flag) : 413475AM
Concentration (ng/ul) : 117.5221
Integration start scan : 534 Integration stop scan: 552
Y at integration start : 0 Y at integration end: 0

Reason for manual integration (circle one): missed peak improper integration

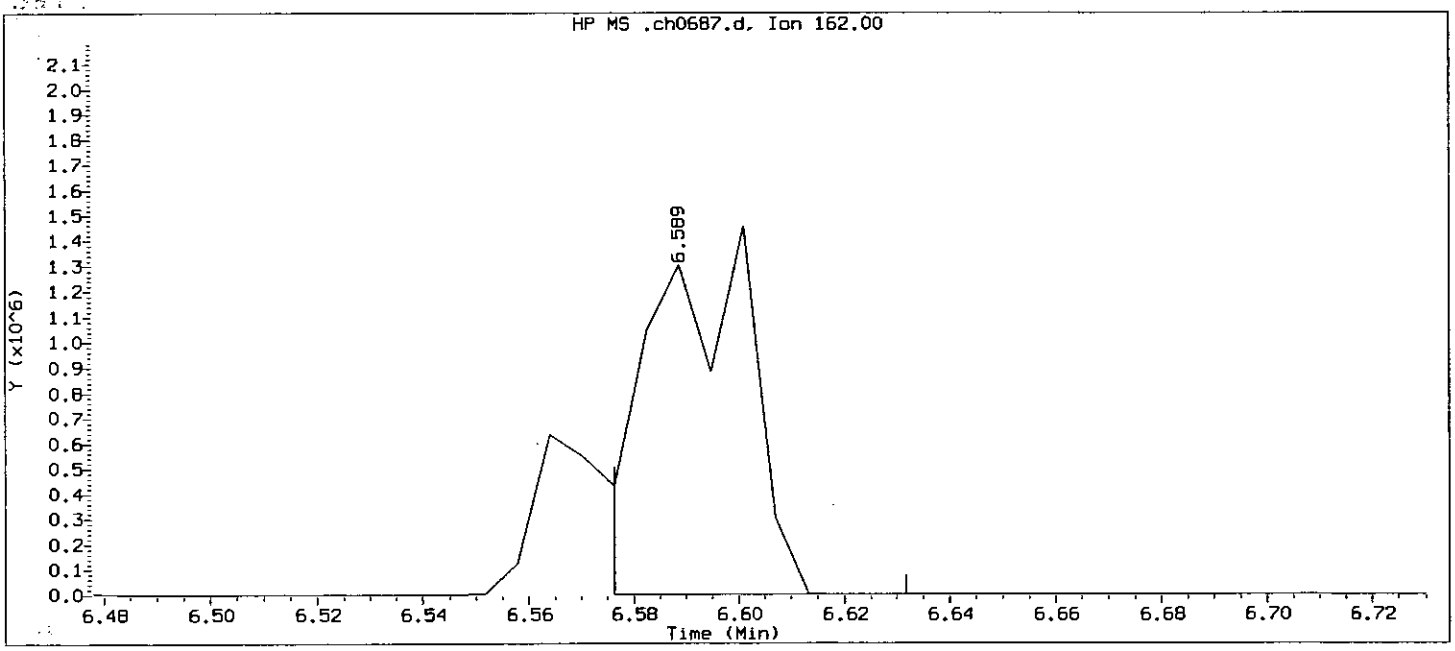
Analyst responsible for change: Cm 01237 8/22/07

GC/MS audit/management approval: Cm 911 8/22/07 0532

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP10623.i/07aug22.b/ch0687.d Instrument ID: HP10623.i
Injection date and time: 22-AUG-2007 12:16 Analyst ID: cam01237

Method used: /chem/HP10623.i/07aug22.b/m8270.m Sublist used: all1
Calibration date and time: 22-AUG-2007 12:31
Date, time and analyst ID of latest file update: 22-Aug-2007 12:31 Automation

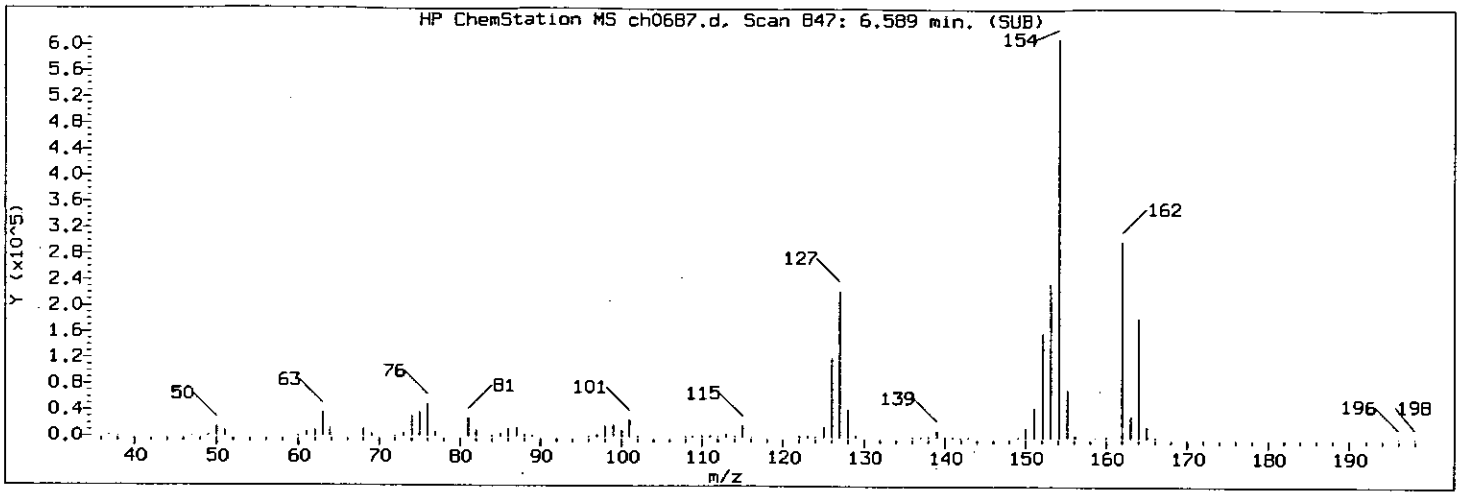
Sample Name: SSTD120 Lab Sample ID: STD2187

Compound Number : 71
Compound Name : 2-Chloronaphthalene
Scan Number : 847
Retention Time (minutes): 6.589
Quant Ion : 162
Area : 1923664
Concentration (ng/ul) : 167.9559
Integration start scan : 844 Integration stop scan: 853
Y at integration start : 0 Y at integration end: 0

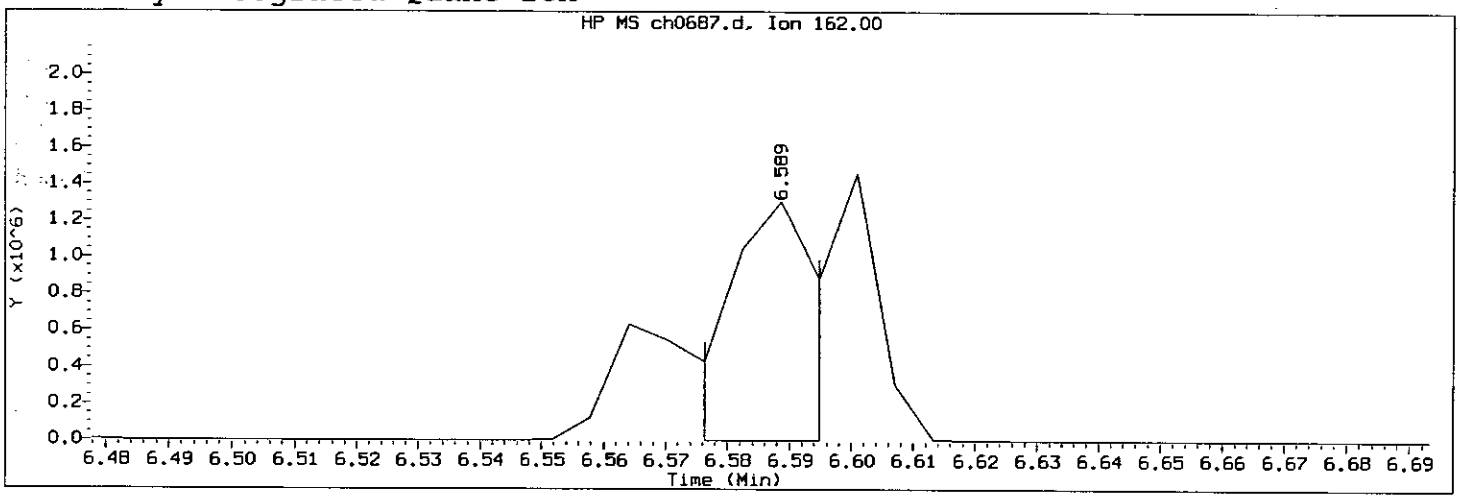
Cm 01237
8533 8/22/07

Original Integration Report for data file /chem/HP10623.i/07aug22.b/ch0687.d, generated on 08/22/2007 at 12:54

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP10623.i/07aug22.b/ch0687.d Instrument ID: HP10623.i
Injection date and time: 22-AUG-2007 12:16 Analyst ID: cam01237

Method used: /chem/HP10623.i/07aug22.b/m8270.m Sublist used: all1
Calibration date and time: 22-AUG-2007 12:54
Date, time and analyst ID of latest file update: 22-Aug-2007 12:54 cam01237

Sample Name: SSTD120 Lab Sample ID: STD2187

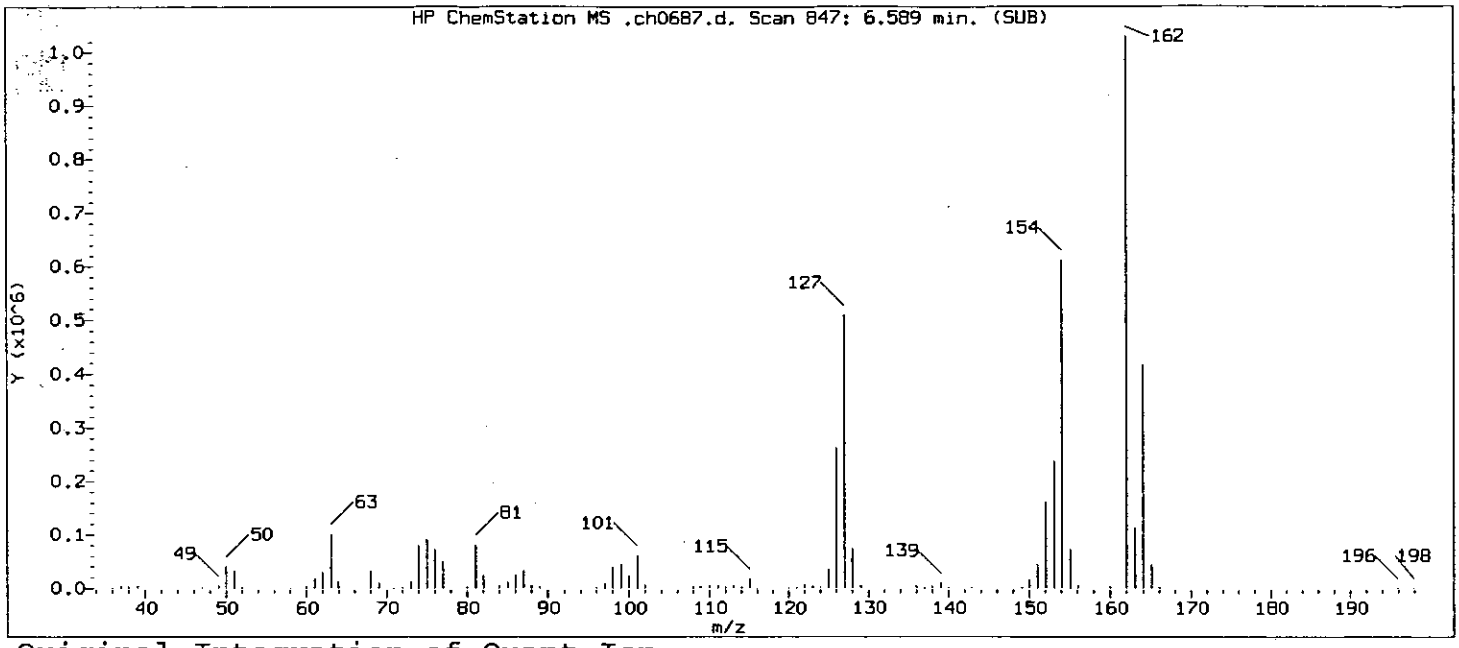
Compound Number : 71
Compound Name : 2-Chloronaphthalene
Scan Number : 847
Retention Time (minutes): 6.589
Quant Ion : 162
Area (flag) : 1351911 M
Concentration (ng/ul) : 126.8295
Integration start scan : 844 Integration stop scan: 847
Y at integration start : 0 Y at integration end: 0

Reason for manual integration (circle one): missed peak (improper integration)

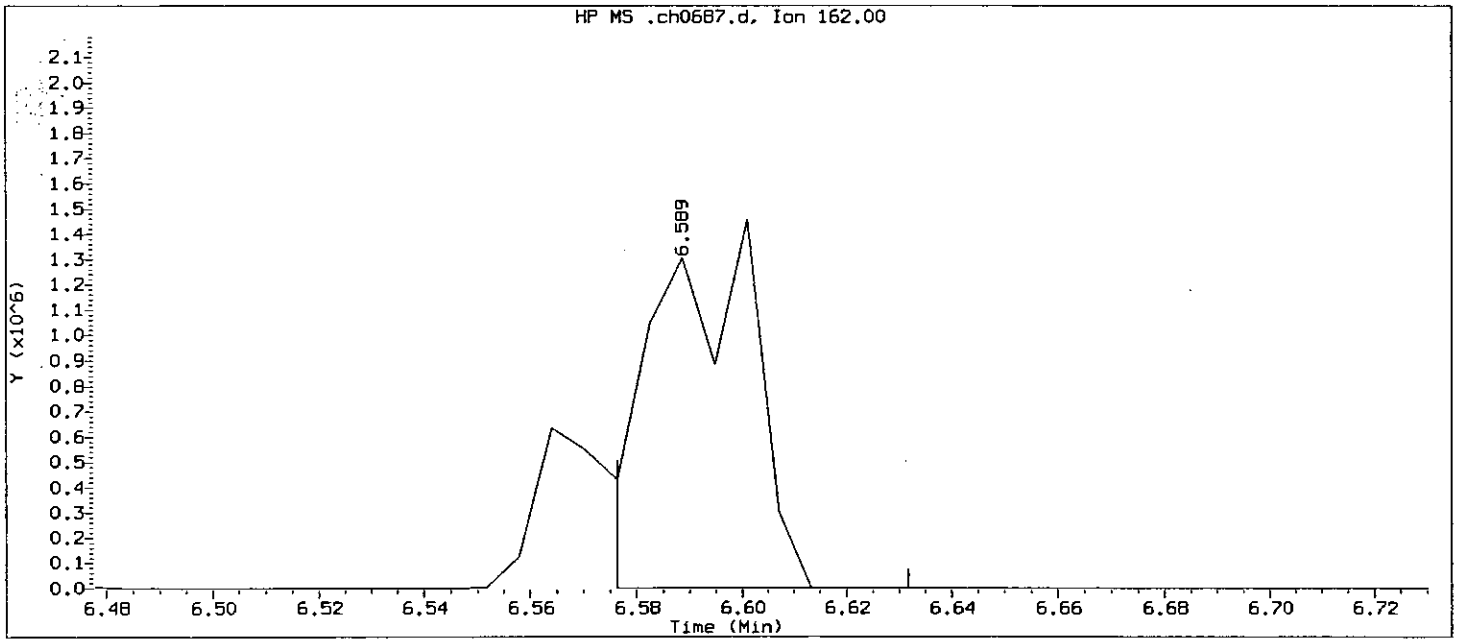
Analyst responsible for change: Cm 01237 8/22/07

GC/MS audit/management approval: Cmr 412 8/22/07 8534

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP10623.i/07aug22.b/ch0687.d Instrument ID: HP10623.i
Injection date and time: 22-AUG-2007 12:16 Analyst ID: cam01237

Method used: /chem/HP10623.i/07aug22.b/m8270.m Sublist used: all1
Calibration date and time: 22-AUG-2007 12:31
Date, time and analyst ID of latest file update: 22-Aug-2007 12:31 Automation

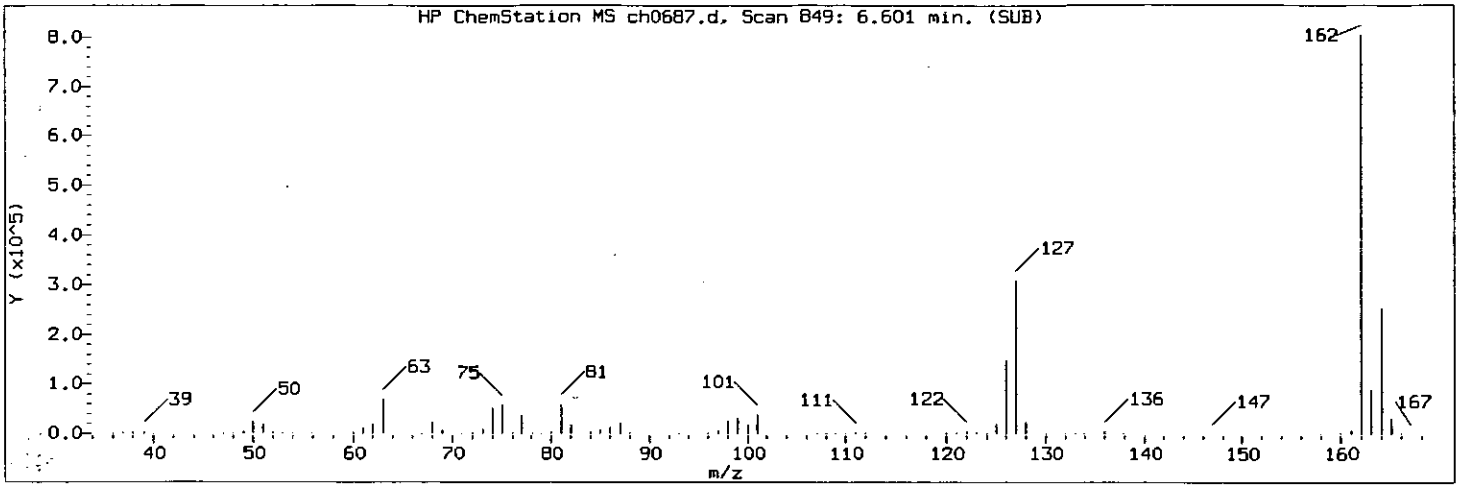
Sample Name: SSTD120 Lab Sample ID: STD2187

Compound Number	:	72
Compound Name	:	1-Chloronaphthalene
Scan Number	:	847
Retention Time (minutes)	:	6.589
Quant Ion	:	162
Area	:	1923664
Concentration (ng/ul)	:	185.8305
Integration start scan	:	844 Integration stop scan: 853
Y at integration start	:	0 Y at integration end: 0

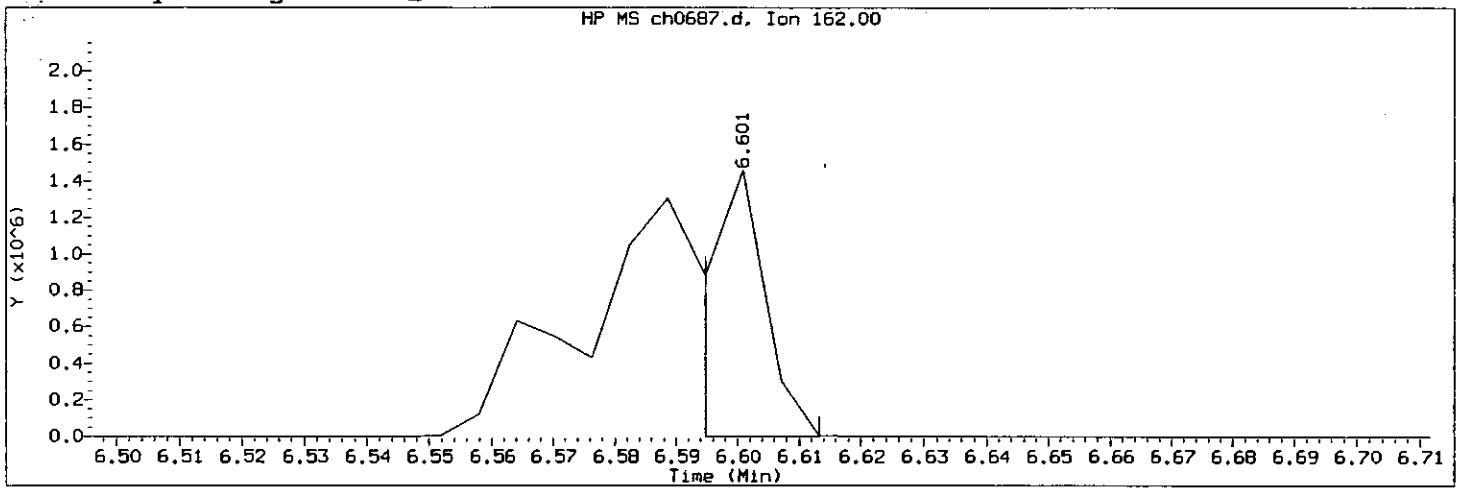
Cm 01237
8/22/07
8535

Original Integration Report for data file /chem/HP10623.i/07aug22.b/ch0687.d, generated on 08/22/2007 at 12:54

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP10623.i/07aug22.b/ch0687.d Instrument ID: HP10623.i
Injection date and time: 22-AUG-2007 12:16 Analyst ID: cam01237

Method used: /chem/HP10623.i/07aug22.b/m8270.m Sublist used: all1
Calibration date and time: 22-AUG-2007 12:54
Date, time and analyst ID of latest file update: 22-Aug-2007 12:54 cam01237

Sample Name: SSTD120 Lab Sample ID: STD2187

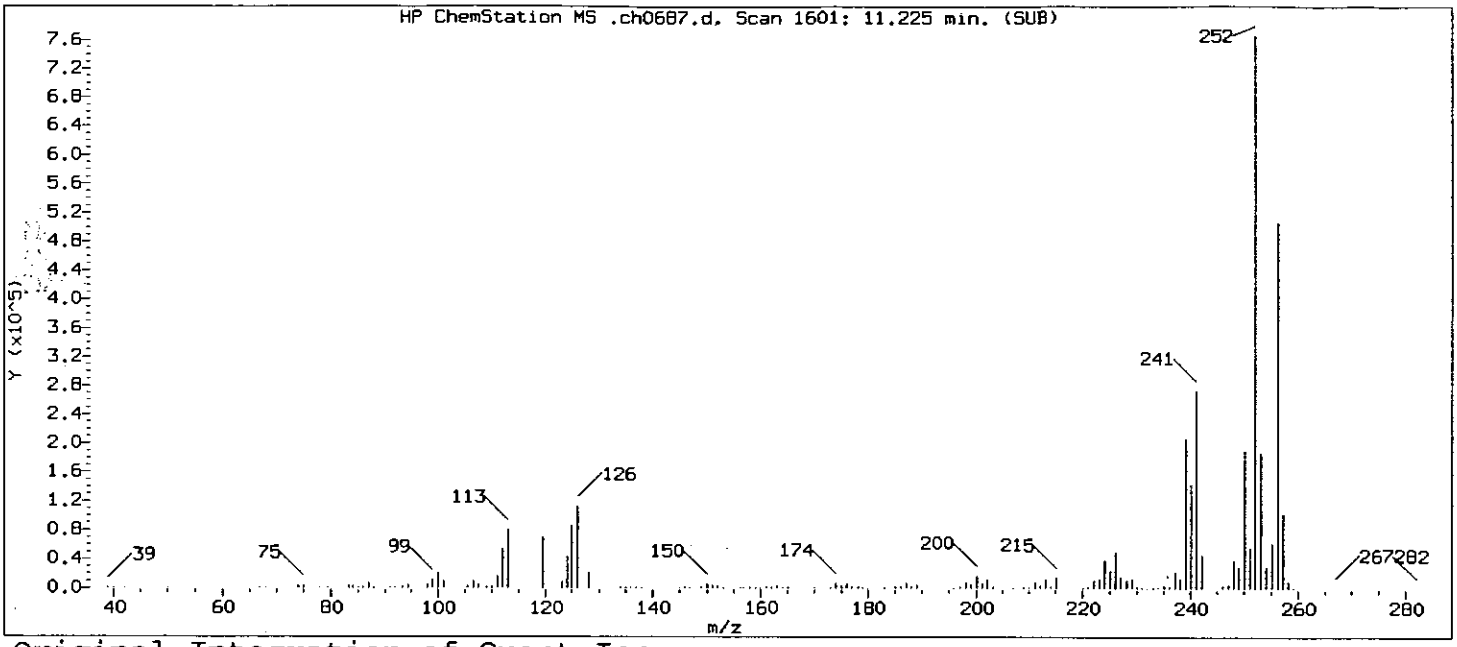
Compound Number : 72
Compound Name : 1-Chloronaphthalene
Scan Number : 849
Retention Time (minutes): 6.601
Quant Ion : 162
Area (flag) : 975136 M
Concentration (ng/ul) : 107.9370
Integration start scan : 847 Integration stop scan: 850
Y at integration start : 686 Y at integration end: 686

Reason for manual integration (circle one): missed peak improper integration

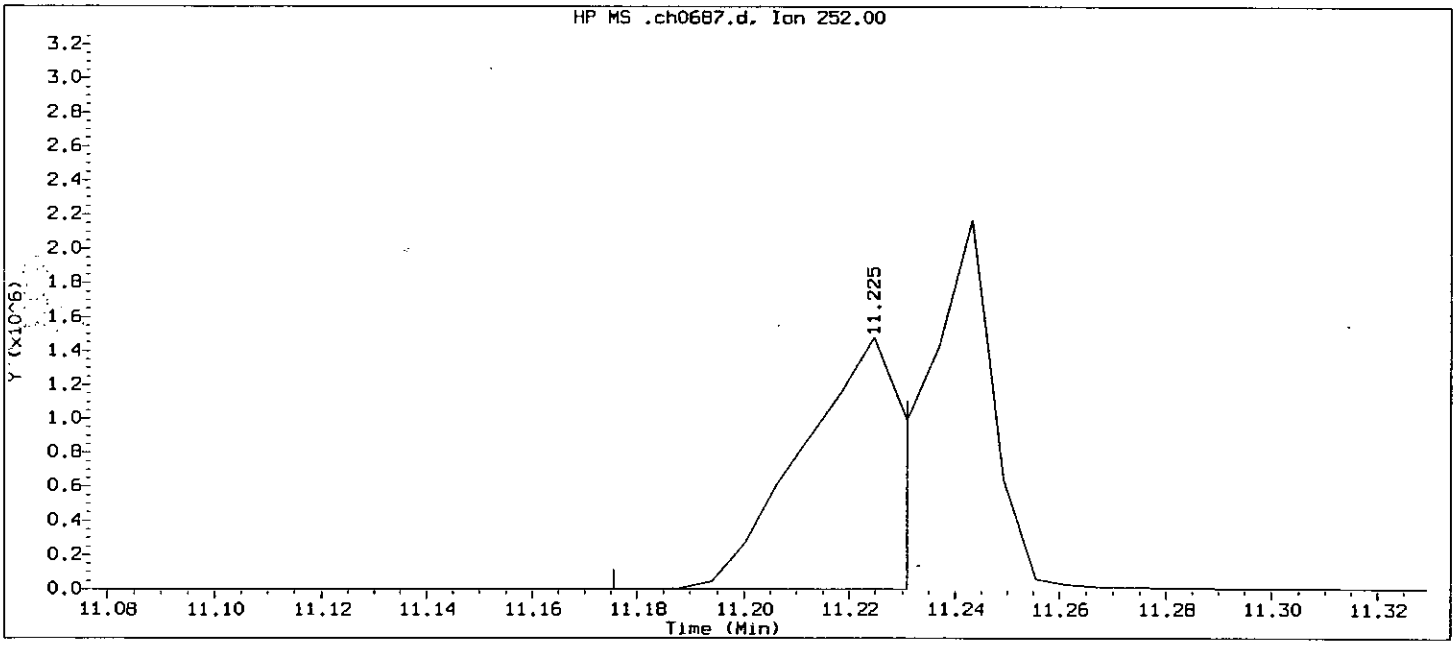
Analyst responsible for change: Cm 01237 8/22/07

GC/MS audit/management approval: 8536 Cmeyer 8/22/07

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP10623.i/07aug22.b/ch0687.d Instrument ID: HP10623.i
Injection date and time: 22-AUG-2007 12:16 Analyst ID: cam01237

Method used: /chem/HP10623.i/07aug22.b/m8270.m Sublist used: all1
Calibration date and time: 22-AUG-2007 12:31
Date, time and analyst ID of latest file update: 22-Aug-2007 12:31 Automation

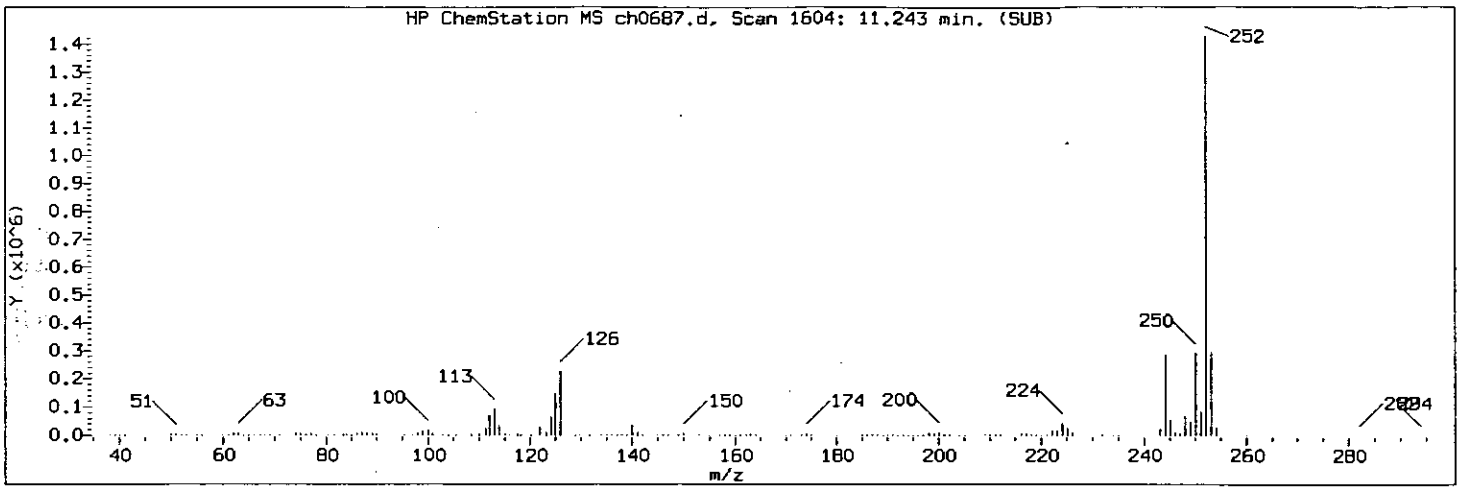
Sample Name: SSTD120 Lab Sample ID: STD2187

Compound Number	: 159
Compound Name	: Benzo(k)fluoranthene
Scan Number	: 1601
Retention Time (minutes)	: 11.225
Quant Ion	: 252
Area	: 1826529
Concentration (ng/ul)	: 115.6776
Integration start scan	: 1592 Integration stop scan: 1601
Y at integration start	: 0 Y at integration end: 254

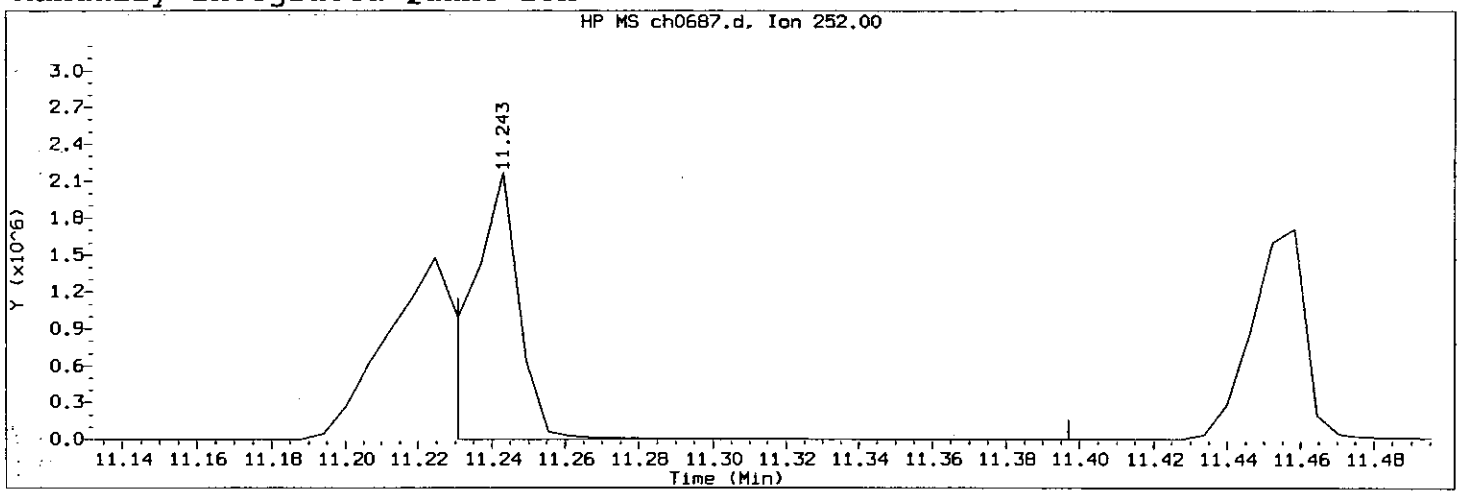
CM 01237
8537 8/22/07

Original Integration Report for data file /chem/HP10623.i/07aug22.b/ch0687.d, generated on 08/22/2007 at 12:54

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP10623.i/07aug22.b/ch0687.d Instrument ID: HP10623.i
Injection date and time: 22-AUG-2007 12:16 Analyst ID: cam01237

Method used: /chem/HP10623.i/07aug22.b/m8270.m Sublist used: all1
Calibration date and time: 22-AUG-2007 12:54
Date, time and analyst ID of latest file update: 22-Aug-2007 12:54 cam01237

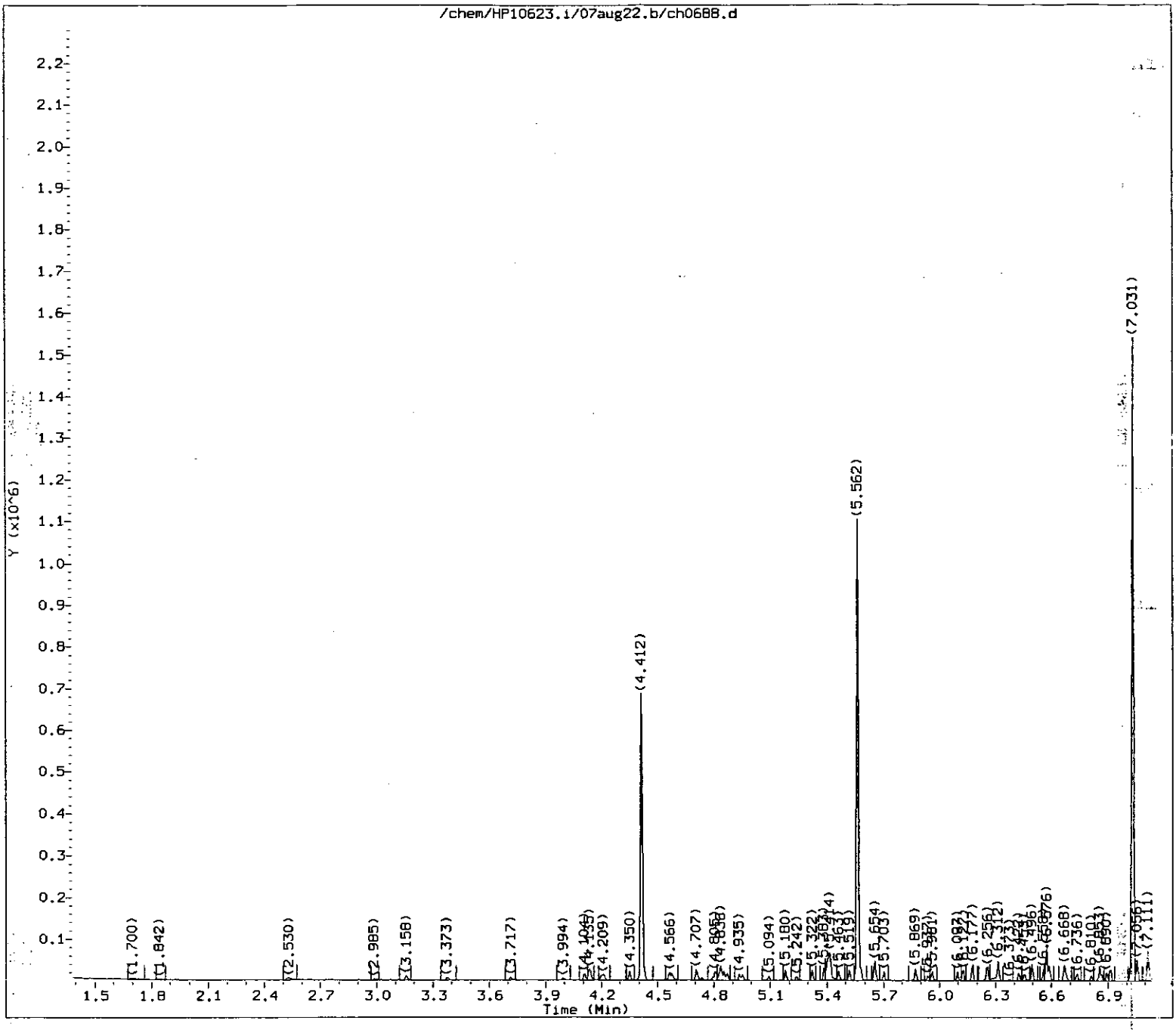
Sample Name: SSTD120 Lab Sample ID: STD2187

Compound Number	:	159
Compound Name	:	Benzo(k)fluoranthene
Scan Number	:	1604
Retention Time (minutes)	:	11.243
Quant Ion	:	252
Area (flag)	:	1804179A
Concentration (ng/ul)	:	114.4873
Integration start scan	:	1601 Integration stop scan: 1628
Y at integration start	:	254 Y at integration end: 902

Reason for manual integration (circle one): missed peak improper integration

Analyst responsible for change: CM 01237 8/22/07

GC/MS audit/management approval: mp1758 9/4/07



Quant Report

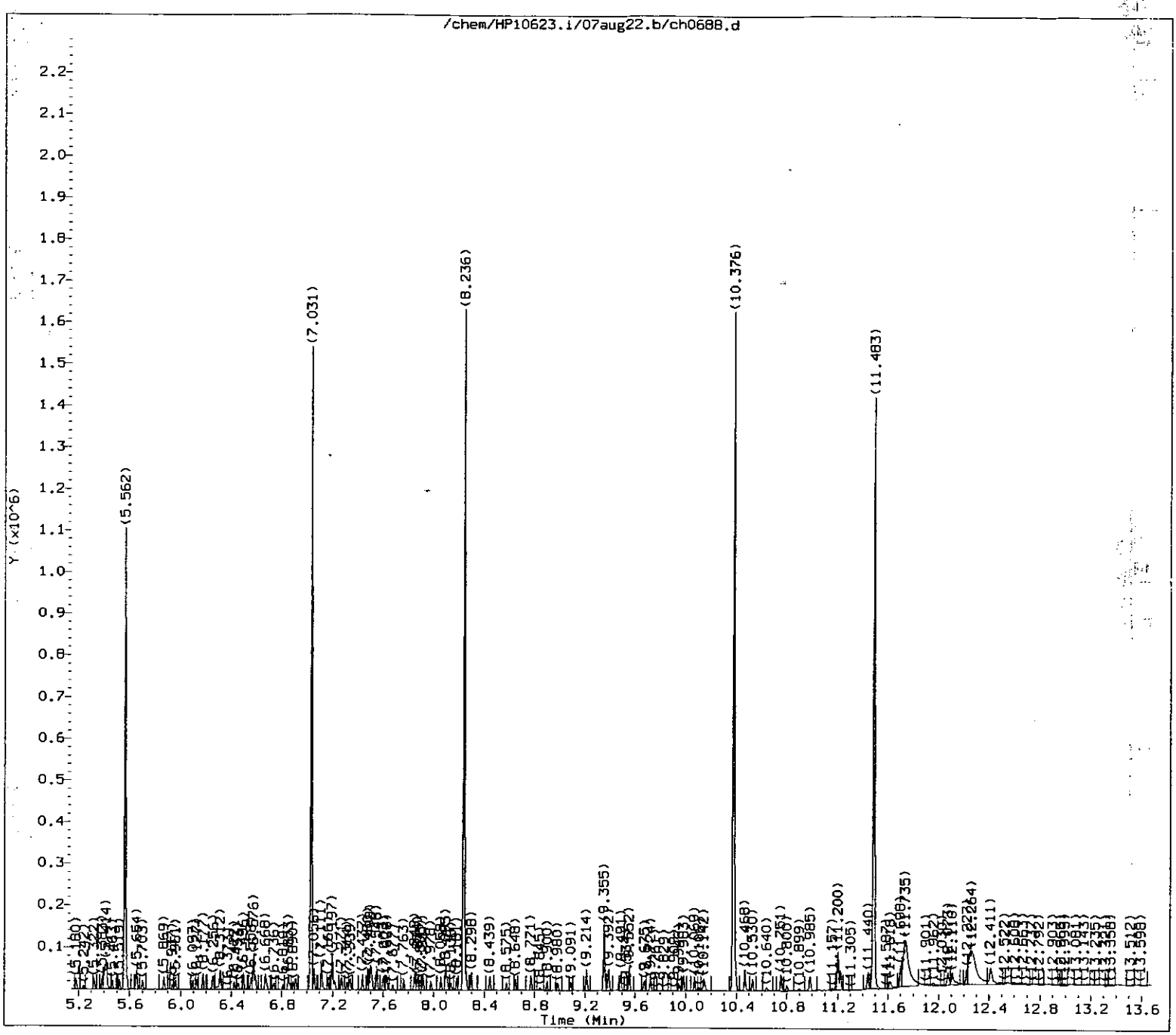
Target Revision 3.5

Data File: /chem/HP10623.i/07aug22.b/ch0688.d Instrument ID: HP10623.i
Injection date and time: 22-AUG-2007 12:37 Analyst ID: cam01237

Method used: /chem/HP10623.i/07aug22.b/m8270.m Sublist used: all1
Calibration date and time: 22-AUG-2007 12:48
Date, time and analyst ID of latest file update: 22-Aug-2007 13:07 cam01237

Sample Name: SSTD001 Lab Sample ID: 8270MDL2187

8539
CM 01237
8/22/07



Quant Report

Target Revision 3.5

Data File: /chem/HP10623.i/07aug22.b/ch0688.d Instrument ID: HP10623.i
Injection date and time: 22-AUG-2007 12:37 Analyst ID: cam01237

Method used: /chem/HP10623.i/07aug22.b/m8270.m Sublist used: all1
Calibration date and time: 22-AUG-2007 12:48
Date, time and analyst ID of latest file update: 22-Aug-2007 13:07 cam01237

Sample Name: SSTD001 Lab Sample ID: 8270MDL2187

8540 cm 01237

8/22/07

Quant Report

Target Revision 3.5

Data File: /chem/HP10623.i/07aug22.b/ch0688.d Instrument ID: HP10623.i
Injection date and time: 22-AUG-2007 12:37 Analyst ID: cam01237

Method used: /chem/HP10623.i/07aug22.b/m8270.m Sublist used: all1
Calibration date and time: 22-AUG-2007 12:48
Date, time and analyst ID of latest file update: 22-Aug-2007 13:07 cam01237

Sample Name: SSTD001 Lab Sample ID: 8270MDL2187

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
2) N-Nitrosodimethylamine	(1)	1.627	74	1709M	0.9385
3) Pyridine	(1)	1.694	79	3819M	1.1458
5) 2-Picoline	(1)	2.530	93	3790M	1.1109
15) Phenol	(1)	4.141	94	4751	1.1176
16) Aniline	(1)	4.104	93	6010	1.1364
18) bis(2-Chloroethyl)ether	(1)	4.203	93	3835	1.1636
19) 2-Chlorophenol	(1)	4.215	128	3539	1.0871
20) 1,3-Dichlorobenzene	(1)	4.350	146	4047	1.1968
21) 1,4-Dichlorobenzene-d4	(1)	4.412	152	85335	40.0000
22) 1,4-Dichlorobenzene	(1)	4.430	146	4293	1.2386
23) Benzyl alcohol	(1)	4.578	108	2628	1.1216
24) 1,2-Dichlorobenzene	(1)	4.566	146	4110	1.2334
25) 2-Methylphenol	(1)	4.707	108	3724	1.1478
26) 2,2'-oxybis(1-Chloropropane)	(1)	4.719	45	3134	1.1314
27) bis(2-Chloroisopropyl)ether	(1)	4.719	45	3134	1.1314
29) Acetophenone	(1)	4.812	105	5670	1.1703
30) N-Nitroso-di-n-propylamine	(1)	4.830	70	2695	1.1315
31) 4-Methylphenol	(1)	4.855	108	3904	1.0693
33) o-Toluidine	(1)	4.836	106	6384	1.1692
34) Hexachloroethane	(1)	4.873	117	1550	1.2378
36) Nitrobenzene	(2)	4.953	77	3832	1.1629
38) Isophorone	(2)	5.180	82	7875	1.2079
39) 2-Nitrophenol	(2)	5.242	139	1922	1.1305
40) 2,4-Dimethylphenol	(2)	5.322	107	3343	1.0183
42) bis(2-Chloroethoxy)methane	(2)	5.402	93	4242	1.1897
43) Benzoic acid	(2)	5.414	105	28111	11.9106
44) 2,4-Dichlorophenol	(2)	5.463	162	3500	1.2739
45) 1,2,4-Trichlorobenzene	(2)	5.519	180	3398	1.2323
46) Naphthalene-d8	(2)	5.562	136	368019	40.0000
47) Naphthalene	(2)	5.580	128	11582	1.2005
48) 4-Chloroaniline	(2)	5.654	127	4878	1.2072
49) 2,6-Dichlorophenol	(2)	5.654	162	3139	1.1910
51) Hexachlorobutadiene	(2)	5.703	225	1577	1.1519
52) Quinoline	(2)	5.869	129	8038	1.2103
53) Caprolactam	(2)	5.937	113	1371	1.1737
55) 4-Chloro-3-methylphenol	(2)	6.097	107	3166	1.0322
58) 2-Methylnaphthalene	(2)	6.177	142	8219	1.2174
60) 1-Methylnaphthalene	(2)	6.256	142	7745	1.1968
61) Hexachlorocyclopentadiene	(3)	6.312	237	1995	11.7161
62) 1,2,4,5-Tetrachlorobenzene	(3)	6.312	216	3182	1.1787
64) 2,4,6-Trichlorophenol	(3)	6.422	196	2172M	1.0946
65) 2,4,5-Trichlorophenol	(3)	6.459	196	2660M	1.1752
68) Biphenyl	(3)	6.576	154	10035	1.2052

M = Compound was manually integrated. A = User selected an alternate hit

Quant Report

Target Revision 3.5

Data File: /chem/HP10623.i/07aug22.b/ch0688.d Instrument ID: HP10623.i
Injection date and time: 22-AUG-2007 12:37 Analyst ID: cam01237

Method used: /chem/HP10623.i/07aug22.b/m8270.m Sublist used: all1
Calibration date and time: 22-AUG-2007 12:48
Date, time and analyst ID of latest file update: 22-Aug-2007 13:07 cam01237

Sample Name: SSTD001 Lab Sample ID: 8270MDL2187

	Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
69)	Diphenyl	(3)	6.576	154	10035	1.2052
70)	1,1'-Biphenyl	(3)	6.576	154	10035	1.2052
71)	2-Chloronaphthalene	(3)	6.576	162	10574M	1.2601
72)	1-Chloronaphthalene	(3)	6.588	162	9576M	1.3464
73)	Diphenyl ether	(3)	6.668	170	5298	1.1486
74)	2-Nitroaniline	(3)	6.681	138	2589	1.0802
77)	Dimethylphthalate	(3)	6.853	163	9291	1.2031
79)	2,6-Dinitrotoluene	(3)	6.896	165	1820	0.9883
80)	Acenaphthylene	(3)	6.914	152	10474	1.0911
81)	3-Nitroaniline	(3)	7.019	138	2189	1.0617
82)	Acenaphthene-d10	(3)	7.031	164	234636	40.0000
83)	Acenaphthene	(3)	7.056	153	8313	1.2437
84)	2,4-Dinitrophenol	(3)	7.111	184	8759	18.3509
85)	Pentachlorobenzene	(3)	7.166	250	3429	1.3034
86)	4-Nitrophenol	(3)	7.197	109	4629	4.4016
87)	Dibenzofuran	(3)	7.203	168	11730	1.2407
88)	2,4-Dinitrotoluene	(3)	7.216	165	2760	1.1301
90)	1-Naphthylamine	(3)	7.271	143	8144	1.2258
91)	2,3,4,6-Tetrachlorophenol	(3)	7.314	232	1602	0.9702
92)	2-Naphthylamine	(3)	7.339	143	8550	1.2628
93)	Diethylphthalate	(3)	7.437	149	9979	1.2623
94)	Fluorene	(3)	7.480	166	9822	1.2487
96)	4-Chlorophenyl-phenylether	(3)	7.505	204	4293	1.2431
98)	4-Nitroaniline	(3)	7.511	138	2470	1.1074
99)	4,6-Dinitro-2-methylphenol	(4)	7.548	198	3918	3.1088
102)	N-Nitrosodiphenylamine	(4)	7.603	169	6734	1.1603
103)	1,2-Diphenylhydrazine	(4)	7.628	77	9227	1.2204
108)	Phorate	(4)	7.855	75	6363	1.1459
110)	4-Bromophenyl-phenylether	(4)	7.898	248	2518	1.1751
112)	Hexachlorobenzene	(4)	7.917	284	3107	1.2291
116)	Pentachlorophenol	(4)	8.095	266	3243	2.2467
120)	Phenanthrene-d10	(4)	8.236	188	432868	40.0000
121)	Phenanthrene	(4)	8.255	178	14738	1.2768
122)	Dinoseb	(4)	8.267	211	755M	4.4696
124)	Anthracene	(4)	8.298	178	13743	1.1500
125)	Carbazole	(4)	8.445	167	12599	1.1626
126)	Methyl parathion	(4)	8.575	109	2459	1.0149
127)	Ronnel	(4)	8.648	285	3742	1.1865
128)	Di-n-butylphthalate	(4)	8.771	149	14947	1.1042
129)	Parathion	(4)	8.900	109	1540	0.9566
134)	Fluoranthene	(4)	9.214	202	14933	1.1933
135)	Benzidine	(5)	9.355	184	55527	6.7699
136)	Pyrene	(5)	9.392	202	15512	1.1001

M = Compound was manually integrated. A = User selected an alternate hit

Quant Report

Target Revision 3.5

Data File: /chem/HP10623.i/07aug22.b/ch0688.d Instrument ID: HP10623.i
Injection date and time: 22-AUG-2007 12:37 Analyst ID: cam01237

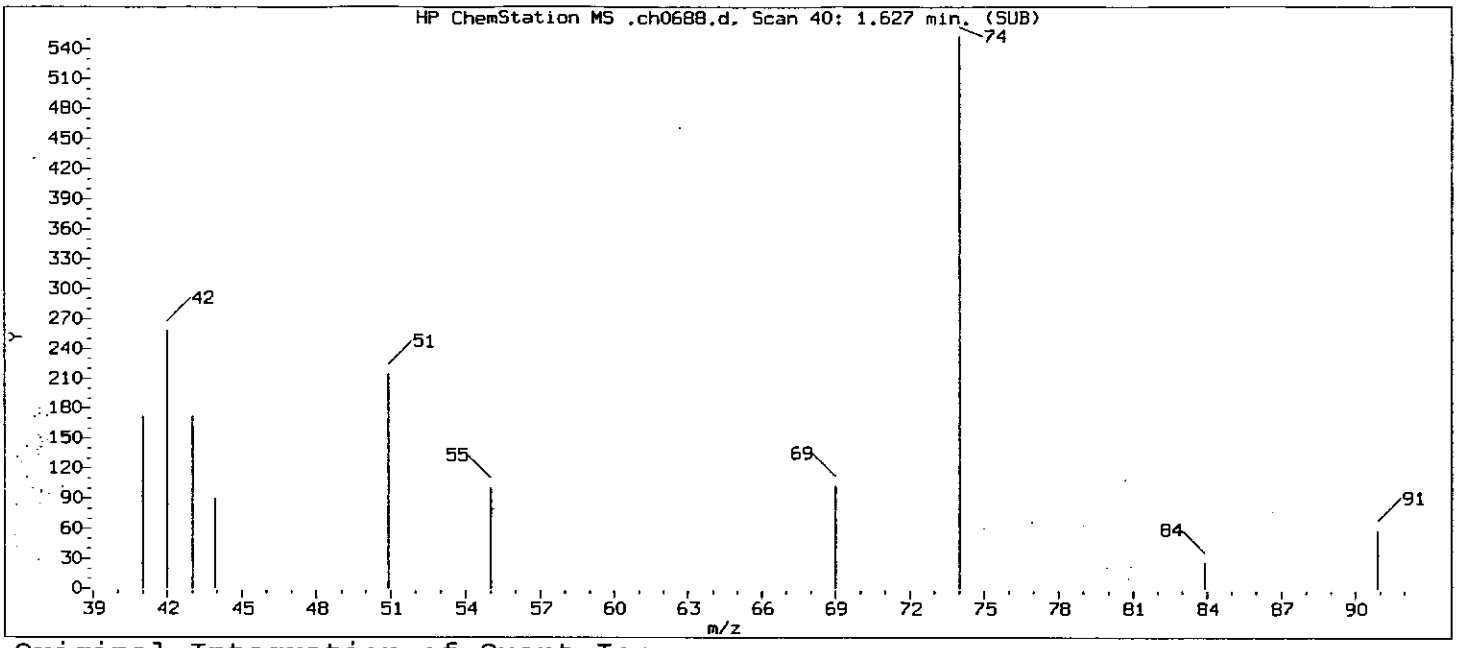
Method used: /chem/HP10623.i/07aug22.b/m8270.m Sublist used: all1
Calibration date and time: 22-AUG-2007 12:48
Date, time and analyst ID of latest file update: 22-Aug-2007 13:07 cam01237

Sample Name: SSTD001 Lab Sample ID: 8270MDL2187

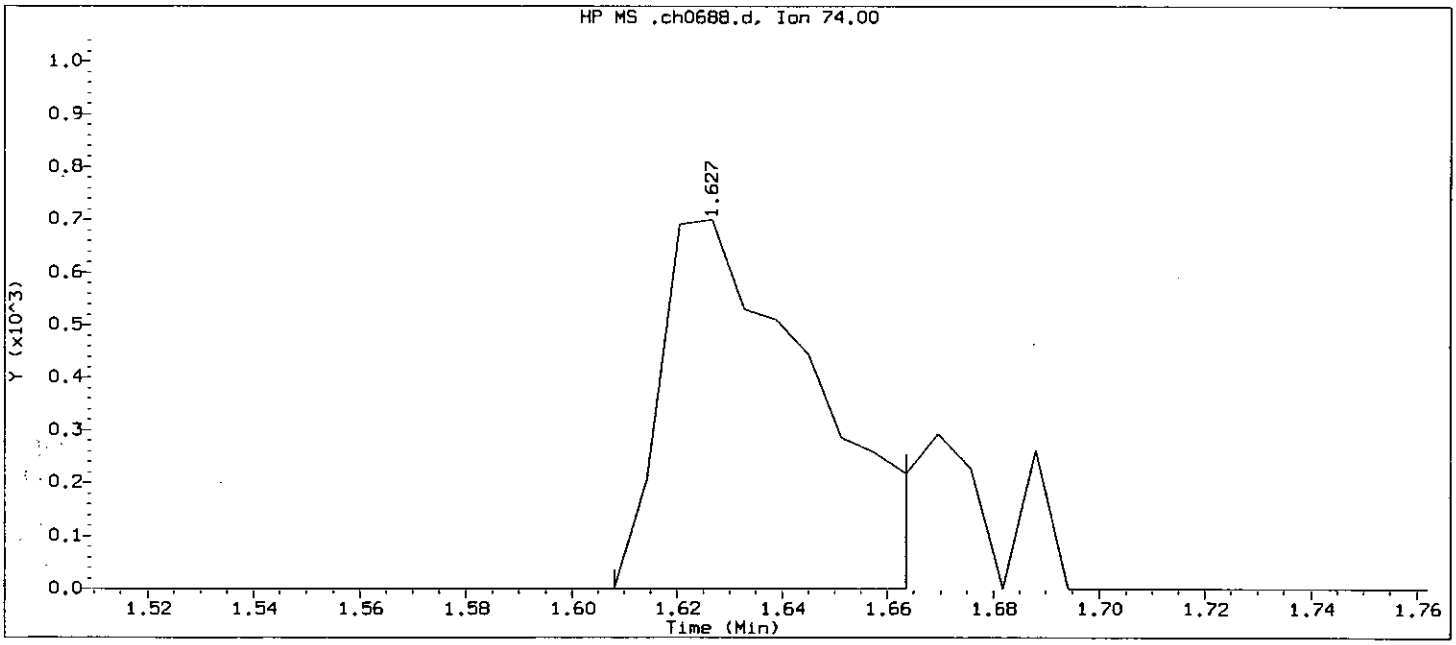
	Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
143)	Butylbenzylphthalate	(5)	9.983	149	6938	1.0105
145)	3,3'-Dichlorobenzidine	(5)	10.370	252	5845	1.1777
146)	Benzo(a)anthracene	(5)	10.370	228	14997	1.2487
147)	Hexabromobenzene	(5)	10.370	552	68M	0.4982
148)	4,4'-Methylenebis(2-Chloroanil	(5)	10.382	231	3766	1.4729
149)	Chrysene-d12	(5)	10.376	240	427034	40.0000
150)	Chrysene	(5)	10.395	228	14775	1.2120
151)	bis(2-Ethylhexyl)phthalate	(5)	10.468	149	10349	1.0702
152)	6-Methylchrysene	(5)	10.757	242	10981	1.1728
156)	Di-n-octylphthalate	(6)	10.985	149	16811	1.0881
157)	7,12-Dimethylbenz[a]anthracene	(6)	11.200	256	6920	1.1763
158)	Benzo(b)fluoranthene	(6)	11.200	252	17097M	1.3073
159)	Benzo(k)fluoranthene	(6)	11.218	252	16863M	1.2510
160)	Benzo(a)pyrene	(6)	11.440	252	14598M	1.1738
161)	Perylene-d12	(6)	11.483	264	390886	40.0000
162)	3-Methylcholanthrene	(6)	11.698	268	8337	1.2055
166)	Dibenz(a,h)acridine	(6)	12.073	279	11201	1.0910
167)	Dibenz(a,j)acridine	(6)	12.110	279	13821	1.2312
168)	Indeno(1,2,3-cd)pyrene	(6)	12.227	276	18326	1.2123
169)	Dibenz(a,h)anthracene	(6)	12.245	278	15099	1.2542
170)	Benzo(g,h,i)perylene	(6)	12.417	276	15922	1.2445
9)	2-Fluorophenol	(1)	3.158	112	3159	1.0530
13)	Phenol-d5	(1)	4.129	99	4219	1.0711
14)	Phenol-d6	(1)	4.129	99	4219	1.0711
35)	Nitrobenzene-d5	(2)	4.935	82	3764	1.1769
66)	2-Fluorobiphenyl	(3)	6.496	172	9411	1.2932
104)	2,4,6-Tribromophenol	(3)	7.677	330	1634	1.1903
138)	Terphenyl-d14	(5)	9.552	244	10807	1.1227

M = Compound was manually integrated. A = User selected an alternate hit

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP10623.i/07aug22.b/ch0688.d Instrument ID: HP10623.i
Injection date and time: 22-AUG-2007 12:37 Analyst ID: cam01237

Method used: /chem/HP10623.i/07aug22.b/m8270.m Sublist used: all1
Calibration date and time: 22-AUG-2007 12:48
Date, time and analyst ID of latest file update: 22-Aug-2007 12:52 Automation

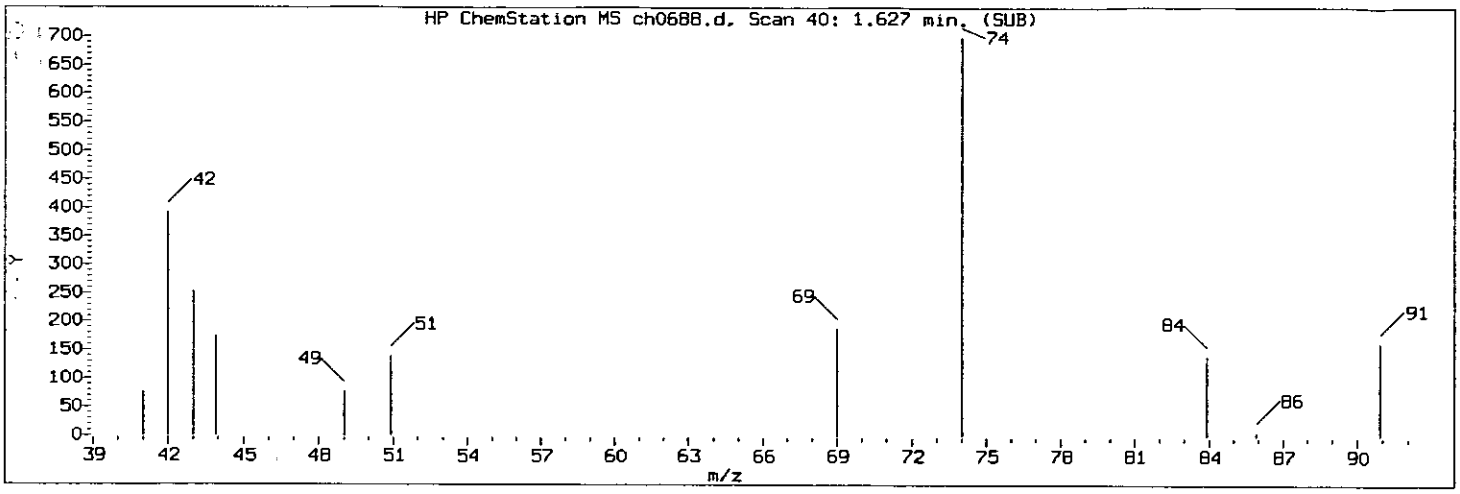
Sample Name: SSTD001 Lab Sample ID: 8270MDL2187

Compound Number : 2
Compound Name : N-Nitrosodimethylamine
Scan Number : 40
Retention Time (minutes): 1.627
Quant Ion : 74
Area : 1379
Concentration (ng/ul) : 0.7573
Integration start scan : 36 Integration stop scan: 45
Y at integration start : 0 Y at integration end: 0

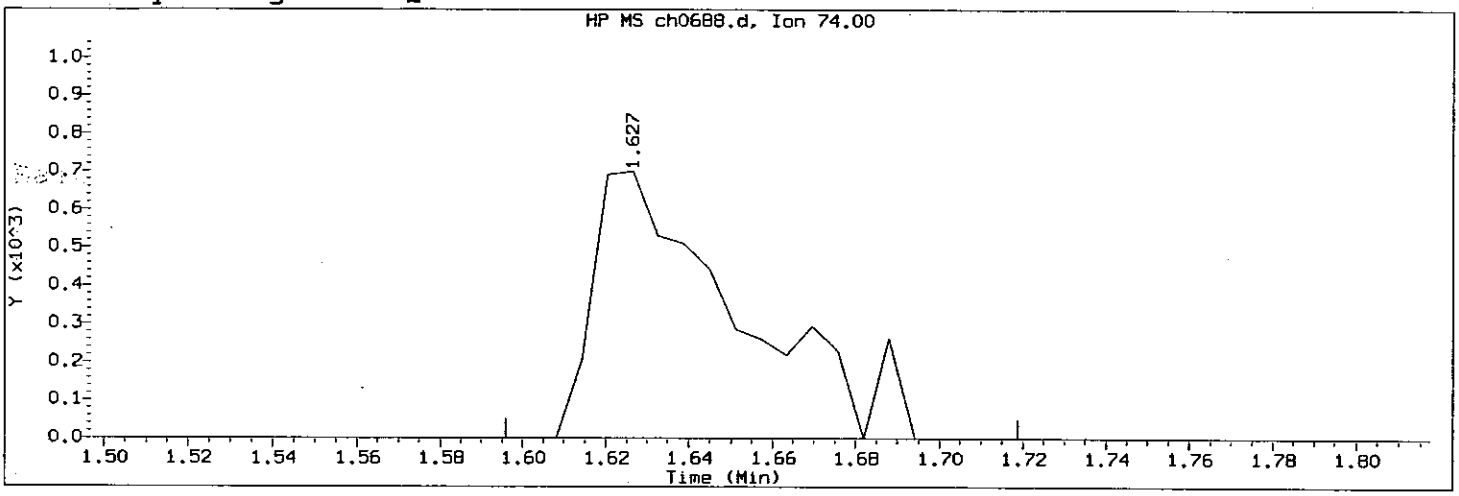
CM 01237
8/22/07
0544

Original Integration Report for data file /chem/HP10623.i/07aug22.b/ch0688.d, generated on 08/22/2007 at 13:09

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP10623.i/07aug22.b/ch0688.d Instrument ID: HP10623.i
Injection date and time: 22-AUG-2007 12:37 Analyst ID: cam01237

Method used: /chem/HP10623.i/07aug22.b/m8270.m Sublist used: all1
Calibration date and time: 22-AUG-2007 12:48
Date, time and analyst ID of latest file update: 22-Aug-2007 13:07 cam01237

Sample Name: SSTD001 Lab Sample ID: 8270MDL2187

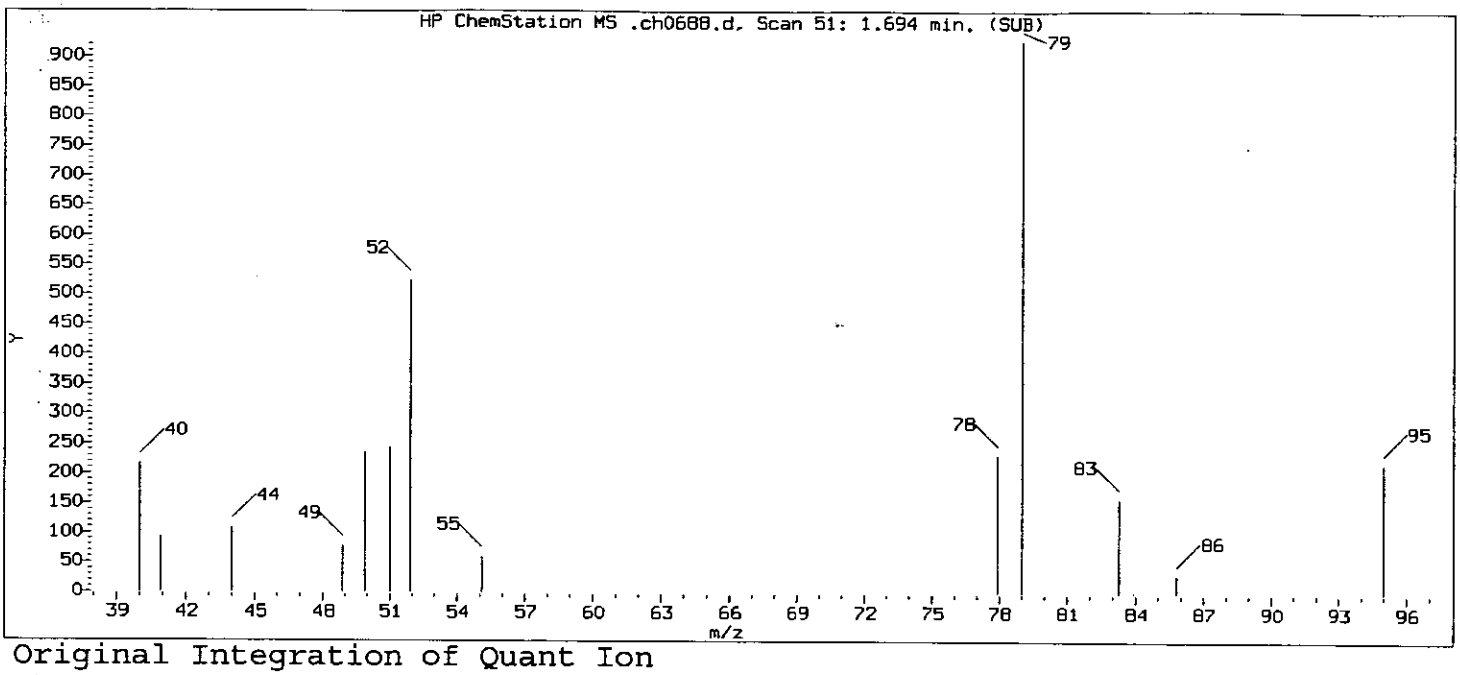
Compound Number : 2
Compound Name : N-Nitrosodimethylamine
Scan Number : 40
Retention Time (minutes): 1.627
Quant Ion : 74
Area (flag) : 1709 M
Concentration (ng/ul) : 0.9385
Integration start scan : 34 Integration stop scan: 54
Y at integration start : 0 Y at integration end: 0

Reason for manual integration (circle one): missed peak improper integration

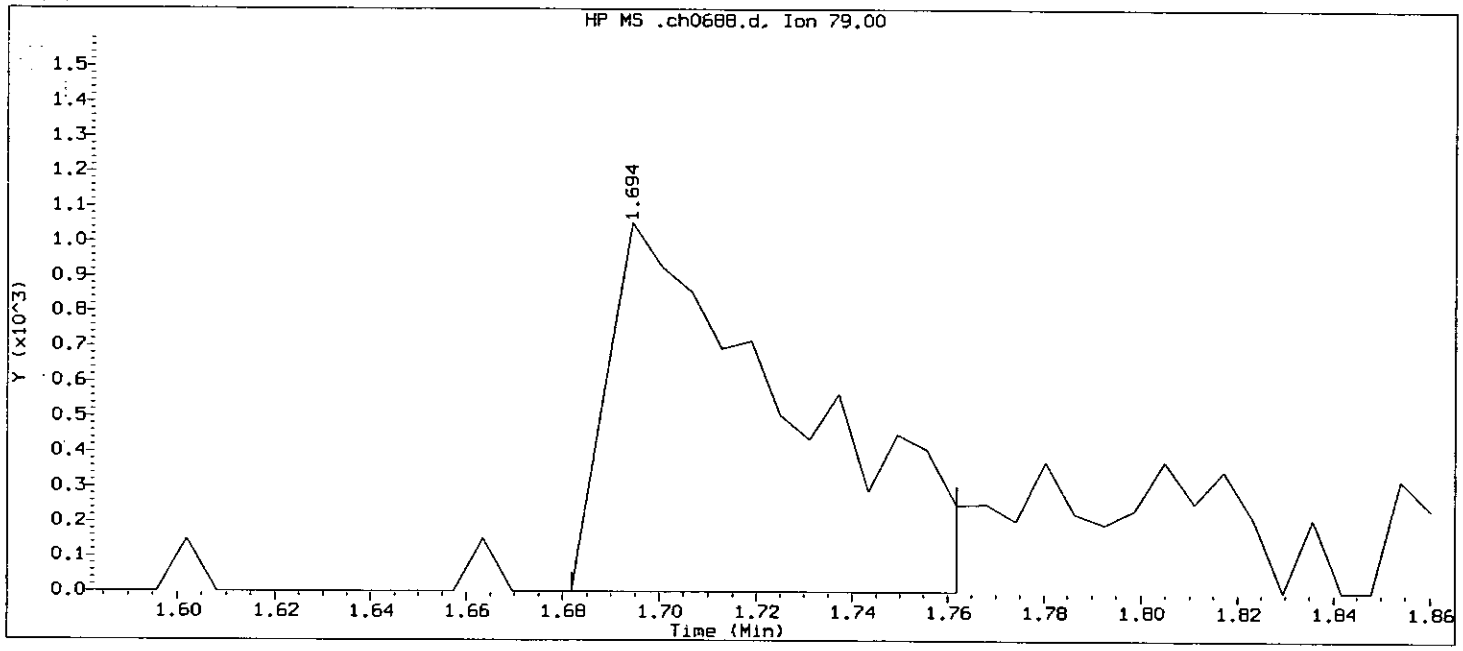
Analyst responsible for change: Cm 01237 8/22/07

GC/MS audit/management approval: Cmr 412 8545 8/22/07

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP10623.i/07aug22.b/ch0688.d Instrument ID: HP10623.i
Injection date and time: 22-AUG-2007 12:37 Analyst ID: cam01237

Method used: /chem/HP10623.i/07aug22.b/m8270.m Sublist used: all1
Calibration date and time: 22-AUG-2007 12:48
Date, time and analyst ID of latest file update: 22-Aug-2007 12:52 Automation

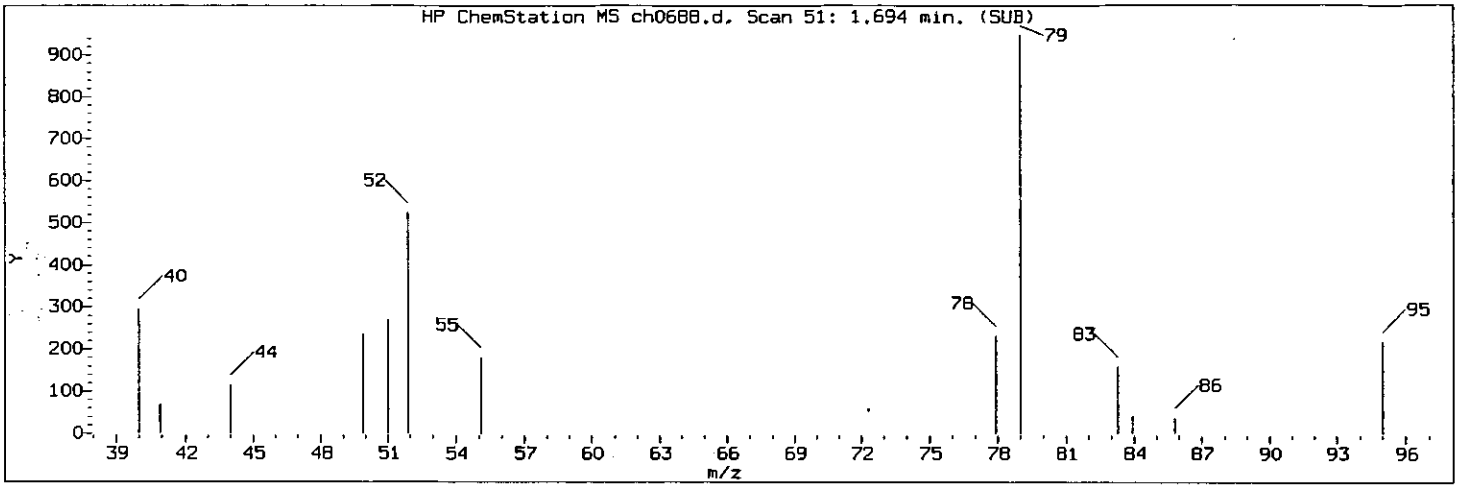
Sample Name: SSTD001 Lab Sample ID: 8270MDL2187

Compound Number	:	3
Compound Name	:	Pyridine
Scan Number	:	51
Retention Time (minutes)	:	1.694
Quant Ion	:	79
Area	:	2793
Concentration (ng/ul)	:	0.8380
Integration start scan	:	48
Integration stop scan	:	61
Y at integration start	:	0
Y at integration end	:	0

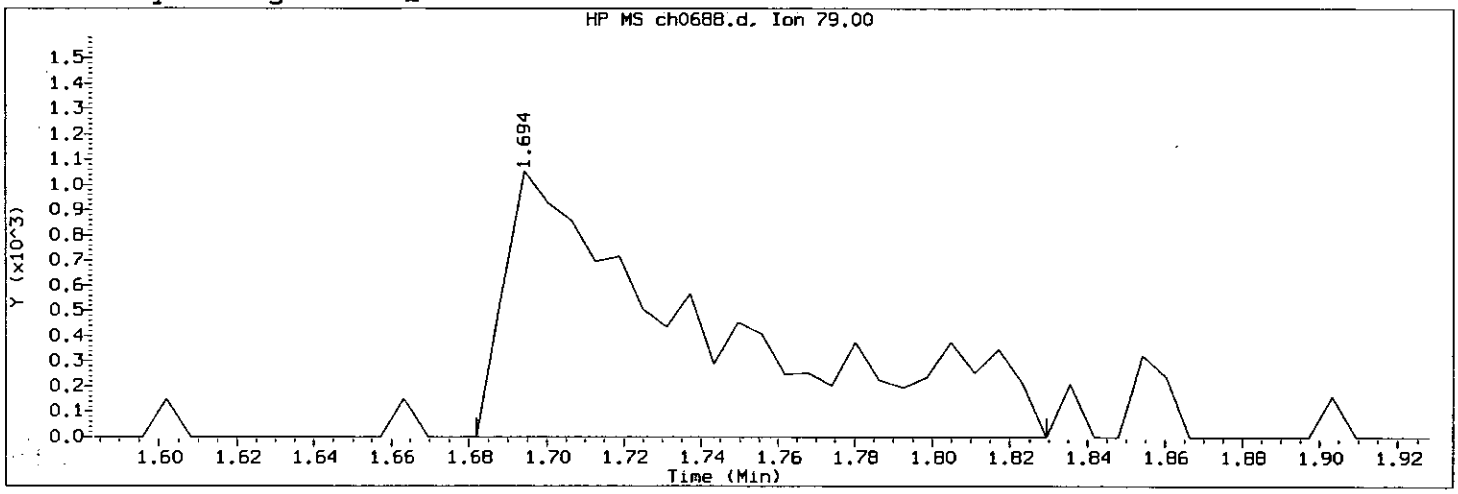
CM 01237
8/22/07
8546

Original Integration Report for data file /chem/HP10623.i/07aug22.b/ch0688.d, generated on 08/22/2007 at 13:09

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP10623.i/07aug22.b/ch0688.d Instrument ID: HP10623.i
Injection date and time: 22-AUG-2007 12:37 Analyst ID: cam01237

Method used: /chem/HP10623.i/07aug22.b/m8270.m Sublist used: all1
Calibration date and time: 22-AUG-2007 12:48
Date, time and analyst ID of latest file update: 22-Aug-2007 13:07 cam01237

Sample Name: SSTD001 Lab Sample ID: 8270MDL2187

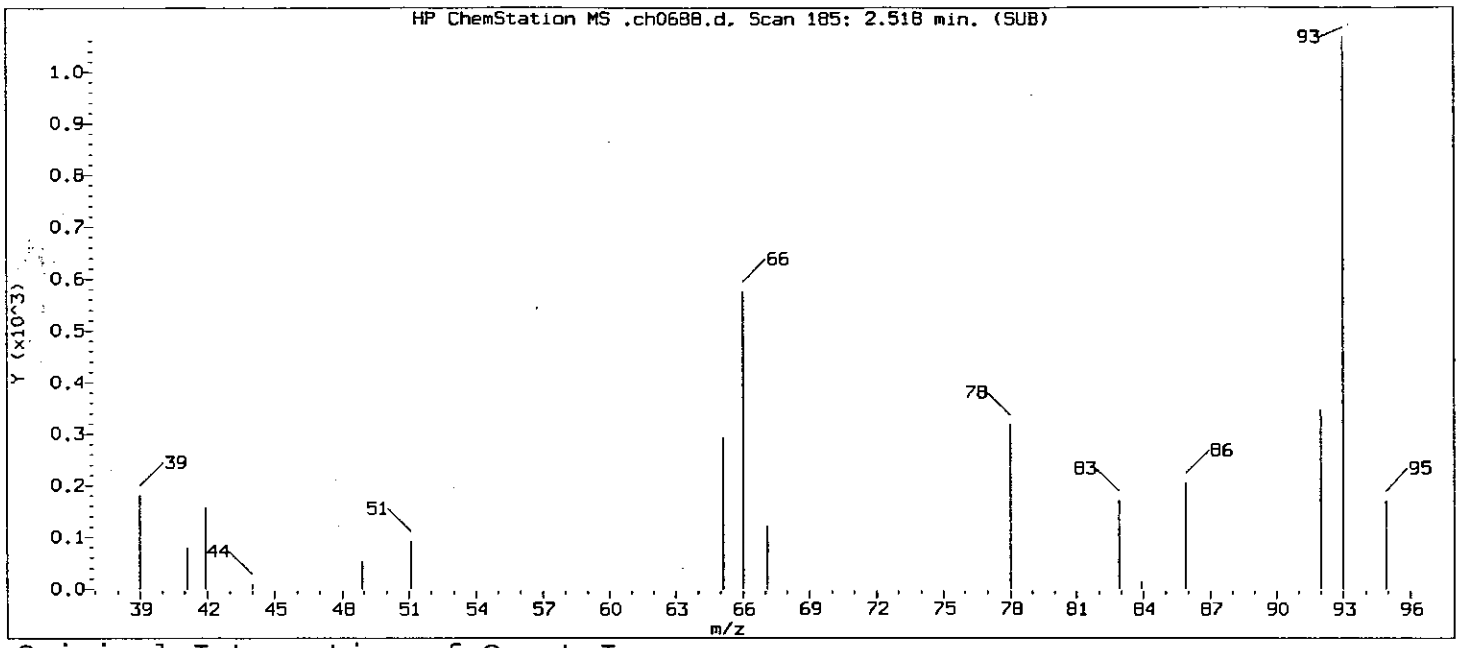
Compound Number : 3
Compound Name : Pyridine
Scan Number : 51
Retention Time (minutes): 1.694
Quant Ion : 79
Area (flag) : 3819 M
Concentration (ng/ul) : 1.1458
Integration start scan : 48 Integration stop scan: 72
Y at integration start : 1 Y at integration end: 0

Reason for manual integration (circle one): missed peak improper integration

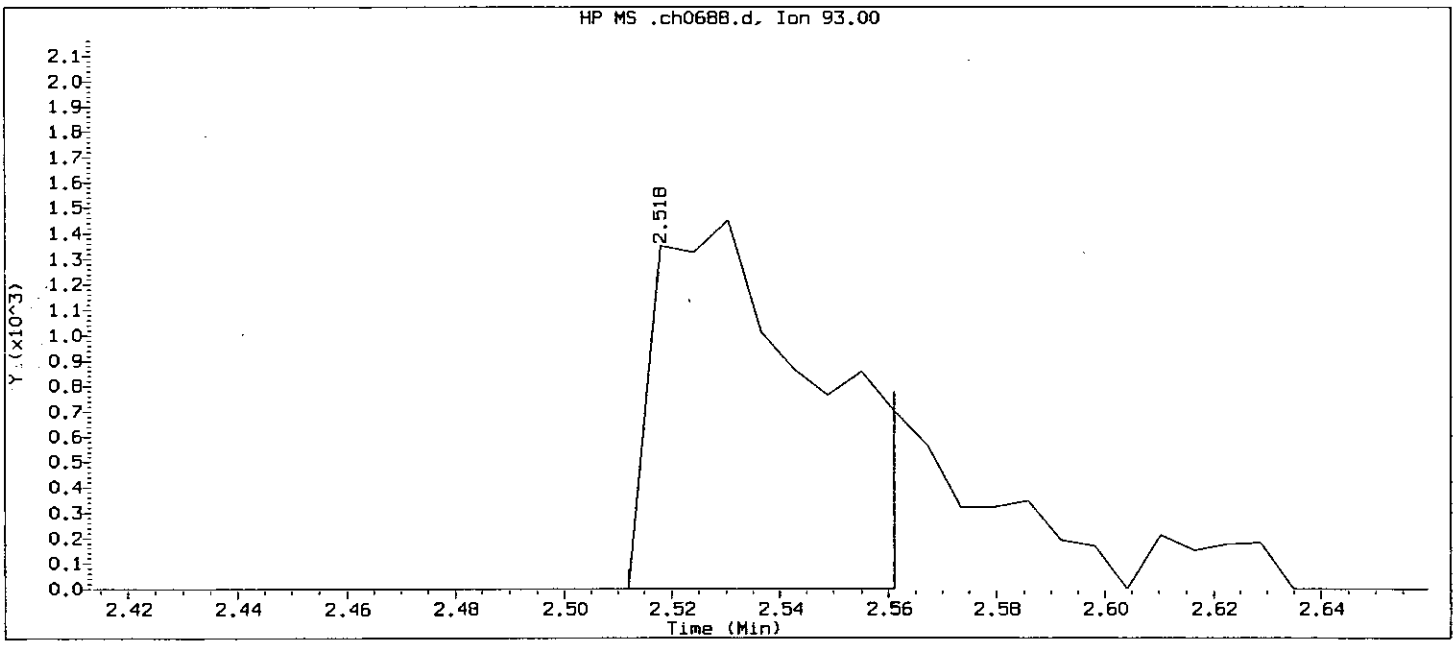
Analyst responsible for change: Cm 01237 8/22/07

GC/MS audit/management approval: 8547 8/22/07

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP10623.i/07aug22.b/ch0688.d Instrument ID: HP10623.i
Injection date and time: 22-AUG-2007 12:37 Analyst ID: cam01237

Method used: /chem/HP10623.i/07aug22.b/m8270.m Sublist used: all1
Calibration date and time: 22-AUG-2007 12:48
Date, time and analyst ID of latest file update: 22-Aug-2007 12:52 Automation

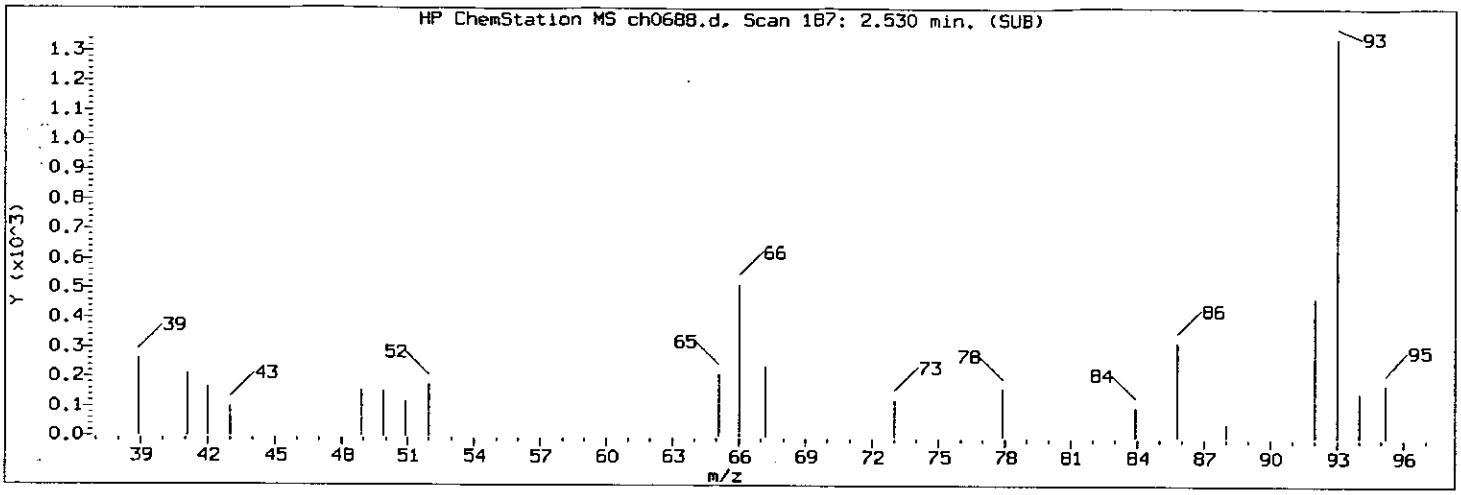
Sample Name: SSTD001 Lab Sample ID: 8270MDL2187

Compound Number : 5
Compound Name : 2-Picoline
Scan Number : 185
Retention Time (minutes): 2.518
Quant Ion : 93
Area : 2946
Concentration (ng/ul) : 0.8635
Integration start scan : 183 Integration stop scan: 191
Y at integration start : 0 Y at integration end: 0

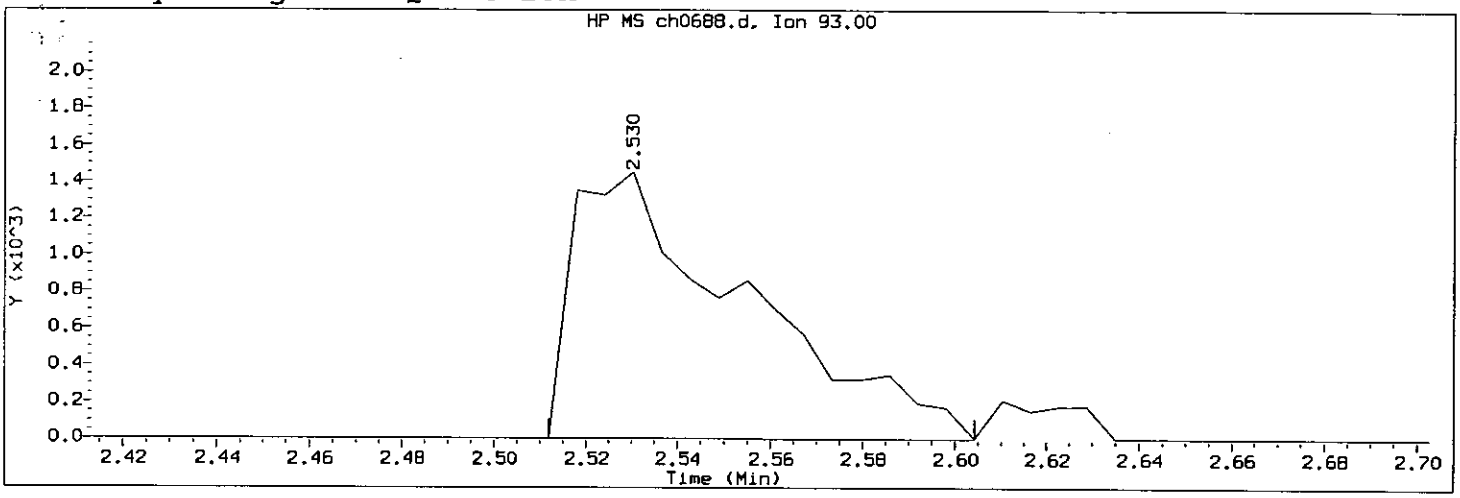
CM 01237
8/22/07
0548

Original Integration Report for data file /chem/HP10623.i/07aug22.b/ch0688.d, generated on 08/22/2007 at 13:09

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP10623.i/07aug22.b/ch0688.d Instrument ID: HP10623.i
Injection date and time: 22-AUG-2007 12:37 Analyst ID: cam01237

Method used: /chem/HP10623.i/07aug22.b/m8270.m Sublist used: all1
Calibration date and time: 22-AUG-2007 12:48
Date, time and analyst ID of latest file update: 22-Aug-2007 13:07 cam01237

Sample Name: SSTD001 Lab Sample ID: 8270MDL2187

Compound Number : 5
Compound Name : 2-Picoline
Scan Number : 187
Retention Time (minutes): 2.530
Quant Ion : 93
Area (flag) : 3790 M
Concentration (ng/ul) : 1.1109
Integration start scan : 183 Integration stop scan: 198
Y at integration start : 0 Y at integration end: -2

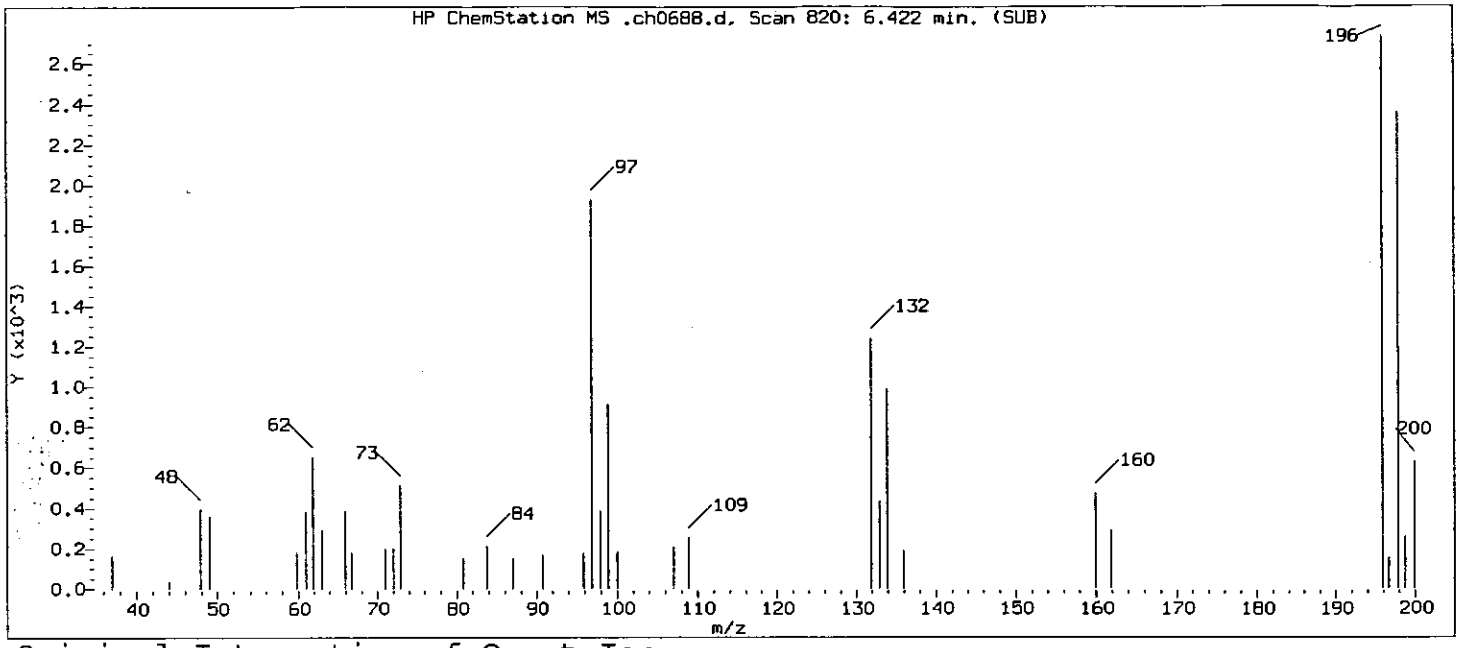
Reason for manual integration (circle one): missed peak improper integration

Analyst responsible for change: Cm 01237 8/22/07

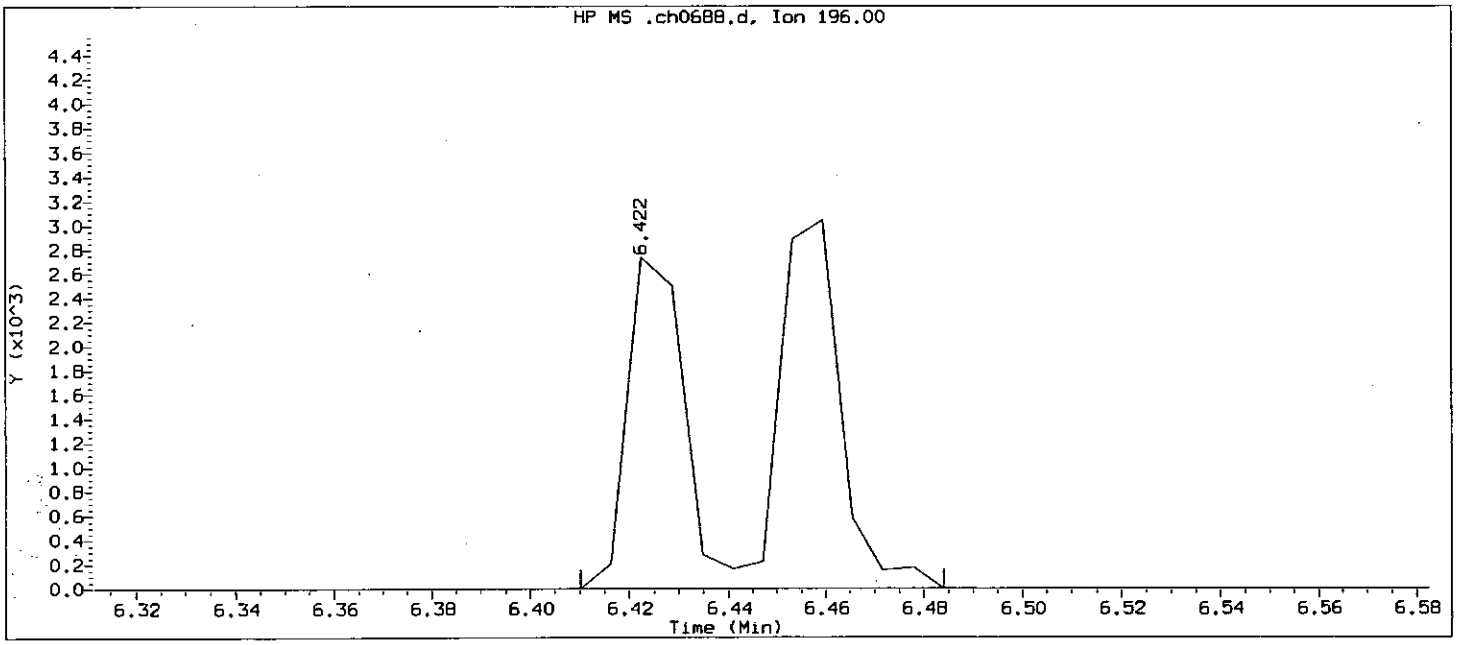
GC/MS audit/management approval: CMR/HC 8/22/07 8549

Manual Integration Report for data file /chem/HP10623.i/07aug22.b/ch0688.d, generated on 08/22/2007 at 13:09

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP10623.i/07aug22.b/ch0688.d Instrument ID: HP10623.i
Injection date and time: 22-AUG-2007 12:37 Analyst ID: cam01237

Method used: /chem/HP10623.i/07aug22.b/m8270.m Sublist used: all1
Calibration date and time: 22-AUG-2007 12:48
Date, time and analyst ID of latest file update: 22-Aug-2007 12:52 Automation

Sample Name: SSTD001 Lab Sample ID: 8270MDL2187

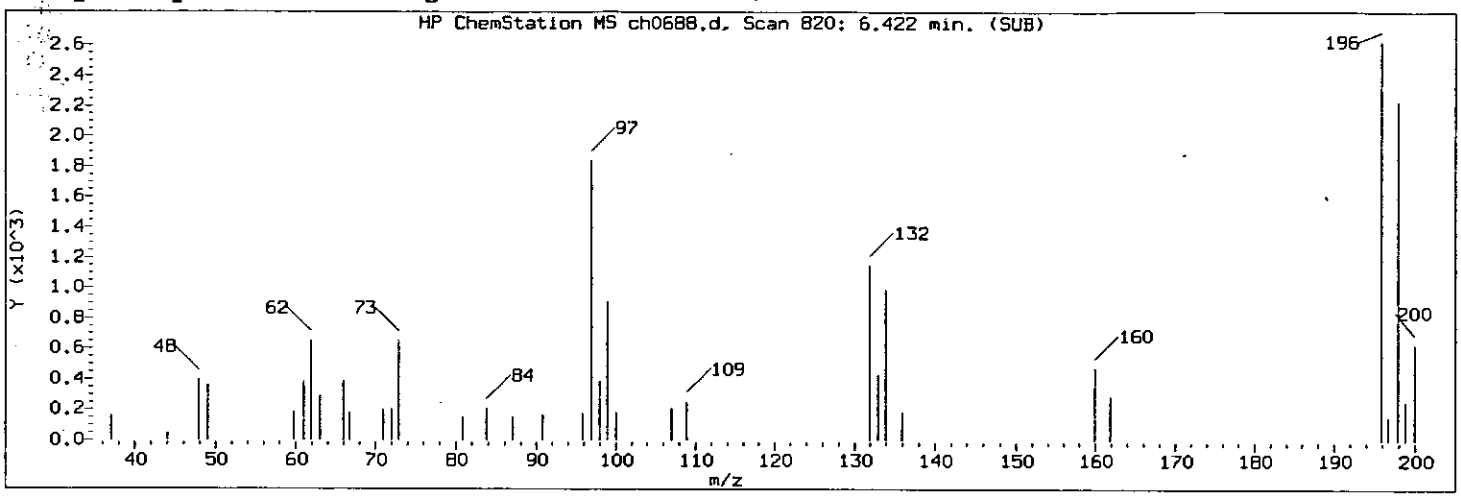
Compound Number : 64
Compound Name : 2,4,6-Trichlorophenol
Scan Number : 820
Retention Time (minutes): 6.422
Quant Ion : 196
Area : 4778
Concentration (ng/ul) : 2.4071
Integration start scan : 817 Integration stop scan: 829
Y at integration start : 0 Y at integration end: 0

cm 01237
8/22/07

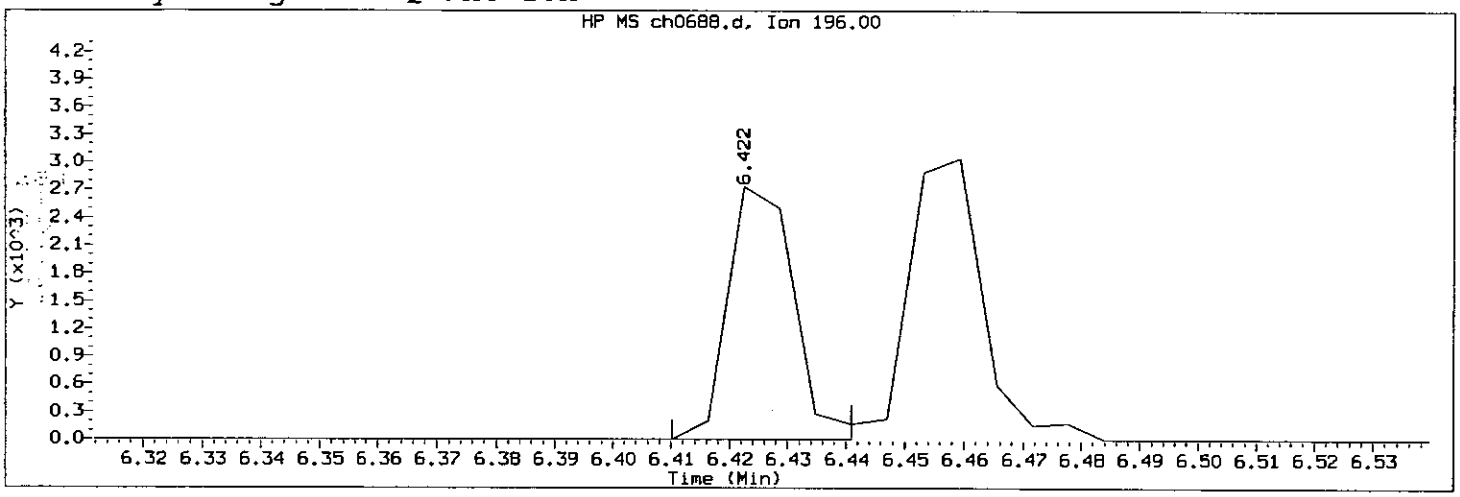
0550

Original Integration Report for data file /chem/HP10623.i/07aug22.b/ch0688.d, generated on 08/22/2007 at 13:09

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP10623.i/07aug22.b/ch0688.d Instrument ID: HP10623.i
Injection date and time: 22-AUG-2007 12:37 Analyst ID: cam01237

Method used: /chem/HP10623.i/07aug22.b/m8270.m Sublist used: all1
Calibration date and time: 22-AUG-2007 12:48
Date, time and analyst ID of latest file update: 22-Aug-2007 13:07 cam01237

Sample Name: SSTD001 Lab Sample ID: 8270MDL2187

Compound Number : 64
Compound Name : 2,4,6-Trichlorophenol
Scan Number : 820
Retention Time (minutes): 6.422
Quant Ion : 196
Area (flag) : 2172 M
Concentration (ng/ul) : 1.0946
Integration start scan : 817 Integration stop scan: 822
Y at integration start : 0 Y at integration end: 0

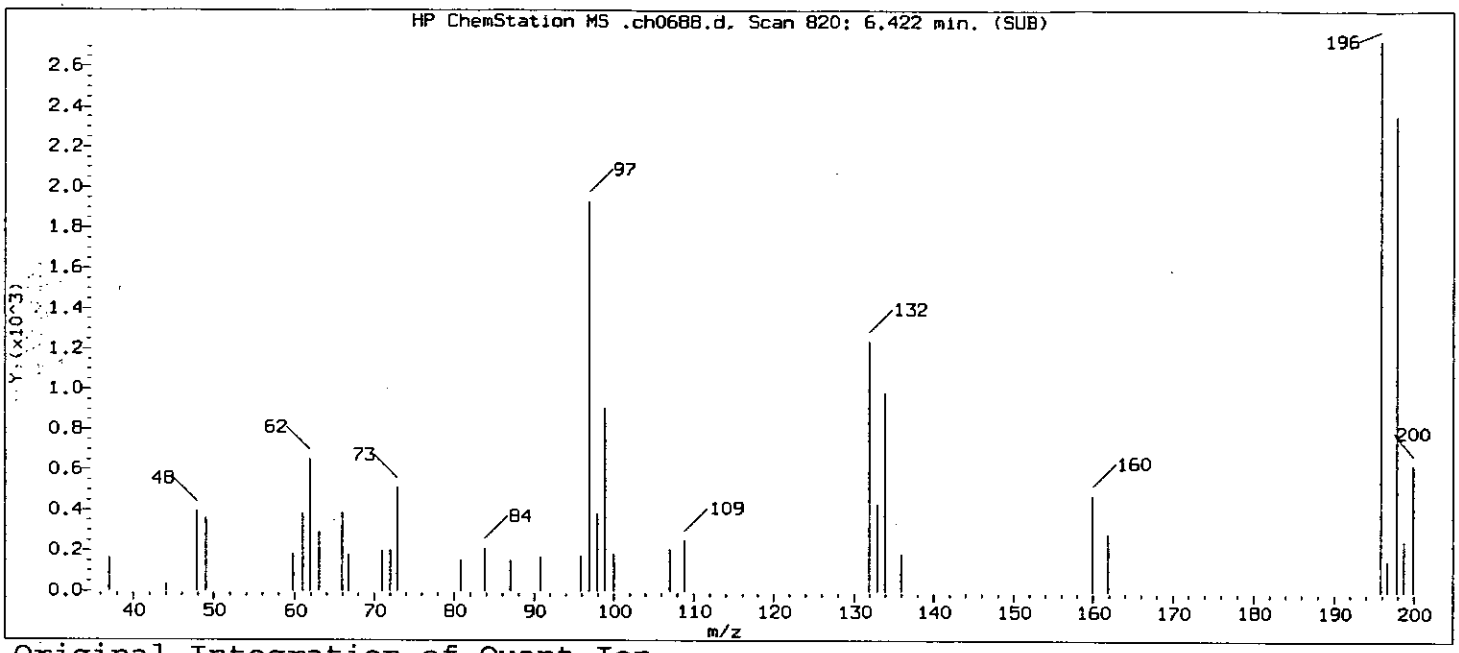
Reason for manual integration (circle one): missed peak improper integration

Analyst responsible for change: CM 01237 8/22/07

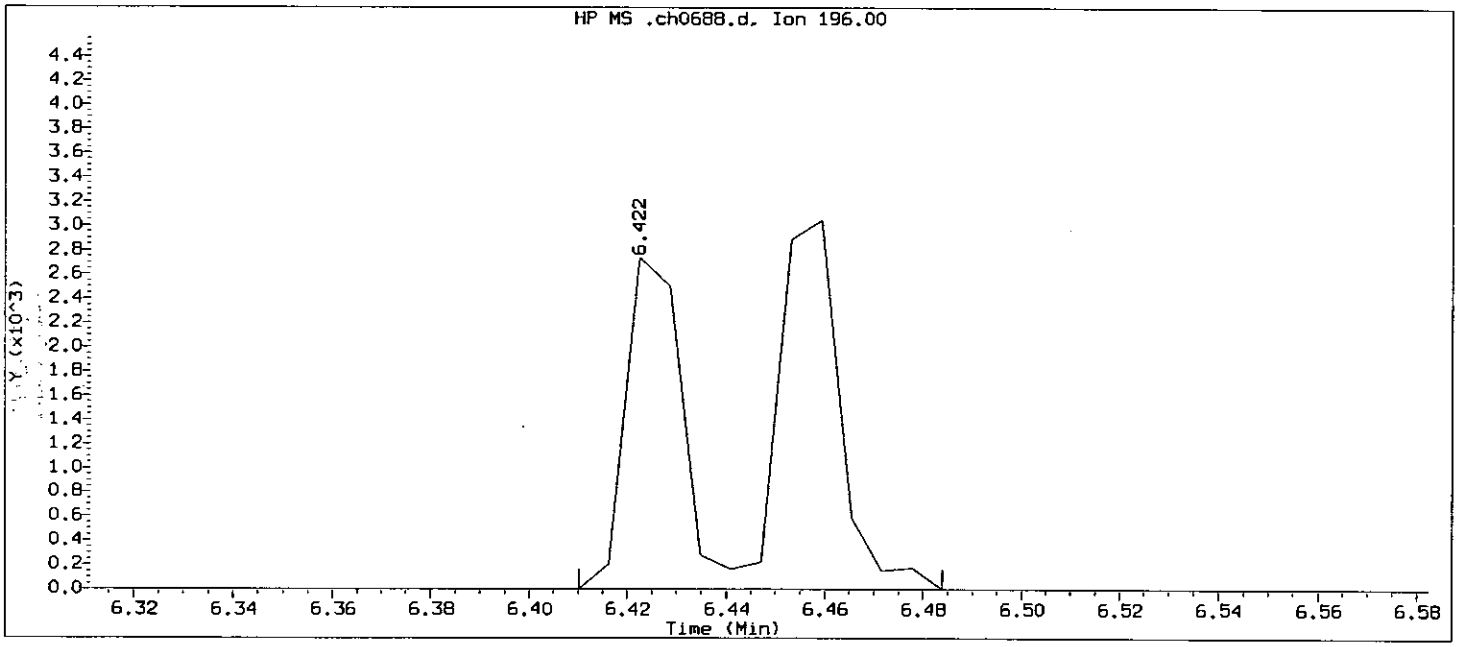
GC/MS audit/management approval: CMJ412 8551 8/22/07

Manual Integration Report for data file /chem/HP10623.i/07aug22.b/ch0688.d, generated on 08/22/2007 at 13:09

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP10623.i/07aug22.b/ch0688.d Instrument ID: HP10623.i
Injection date and time: 22-AUG-2007 12:37 Analyst ID: cam01237

Method used: /chem/HP10623.i/07aug22.b/m8270.m Sublist used: all1
Calibration date and time: 22-AUG-2007 12:48
Date, time and analyst ID of latest file update: 22-Aug-2007 12:52 Automation

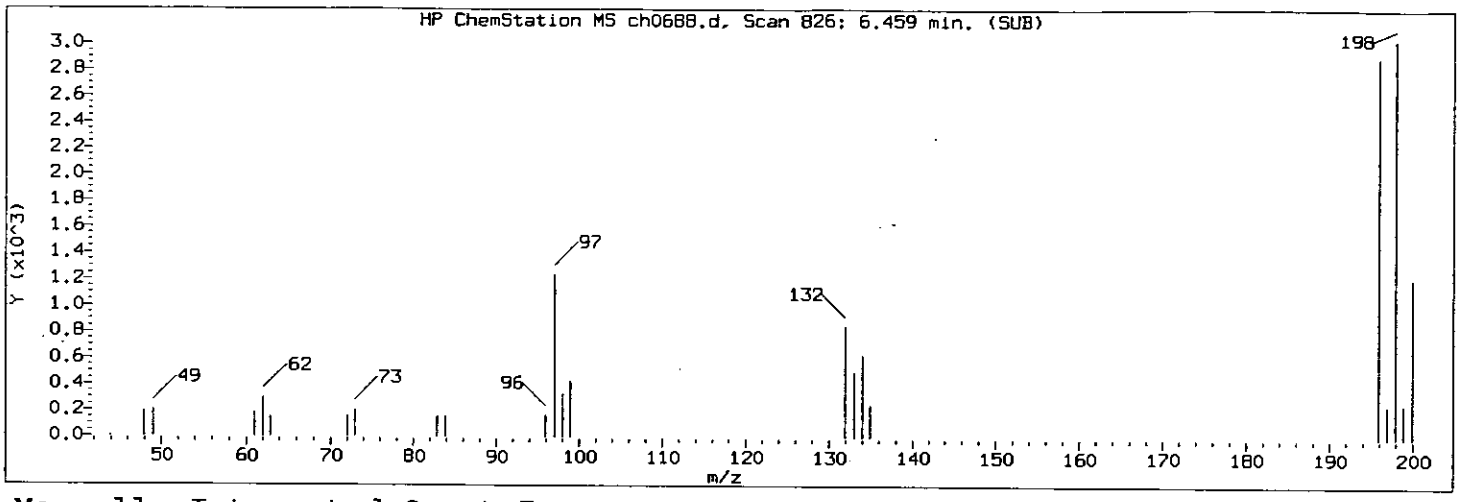
Sample Name: SSTD001 Lab Sample ID: 8270MDL2187

Compound Number : 65
Compound Name : 2,4,5-Trichlorophenol
Scan Number : 820
Retention Time (minutes): 6.422
Quant Ion : 196
Area : 4778
Concentration (ng/ul) : 2.1104
Integration start scan : 817 Integration stop scan: 829
Y at integration start : 0 Y at integration end: 0

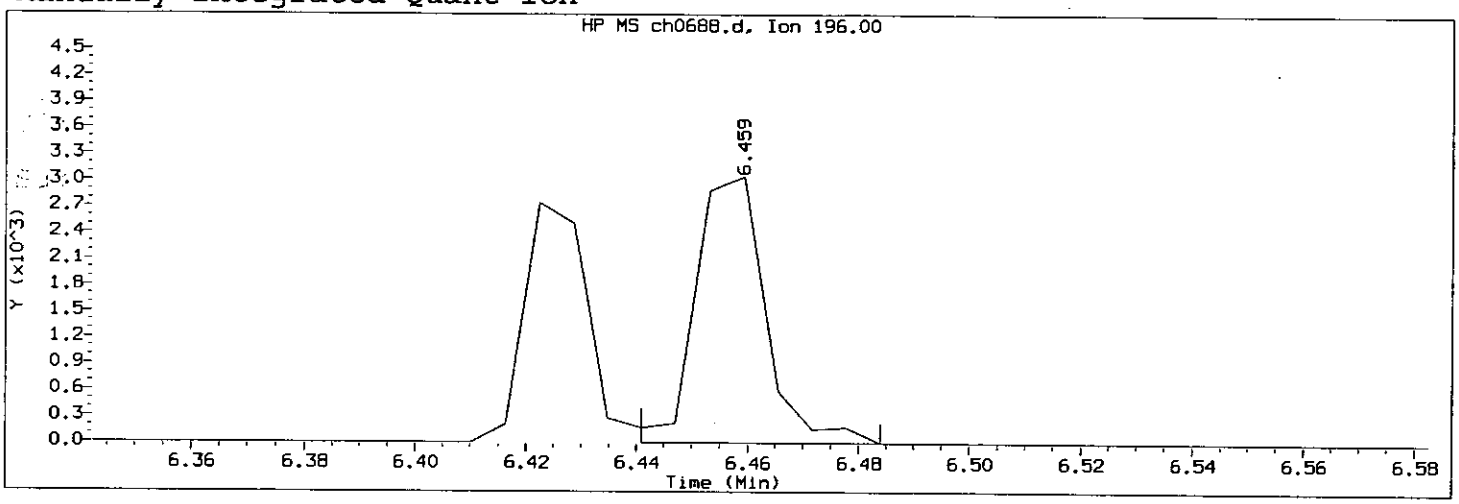
CM 01237
8/22/07
0552

Original Integration Report for data file /chem/HP10623.i/07aug22.b/ch0688.d, generated on 08/22/2007 at 13:09

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP10623.i/07aug22.b/ch0688.d Instrument ID: HP10623.i
Injection date and time: 22-AUG-2007 12:37 Analyst ID: cam01237

Method used: /chem/HP10623.i/07aug22.b/m8270.m Sublist used: all1
Calibration date and time: 22-AUG-2007 12:48
Date, time and analyst ID of latest file update: 22-Aug-2007 13:07 cam01237

Sample Name: SSTD001 Lab Sample ID: 8270MDL2187

Compound Number : 65
Compound Name : 2,4,5-Trichlorophenol
Scan Number : 826
Retention Time (minutes): 6.459
Quant Ion : 196
Area (flag) : 2660 M
Concentration (ng/ul) : 1.1752
Integration start scan : 822 Integration stop scan: 829
Y at integration start : 2 Y at integration end: 2

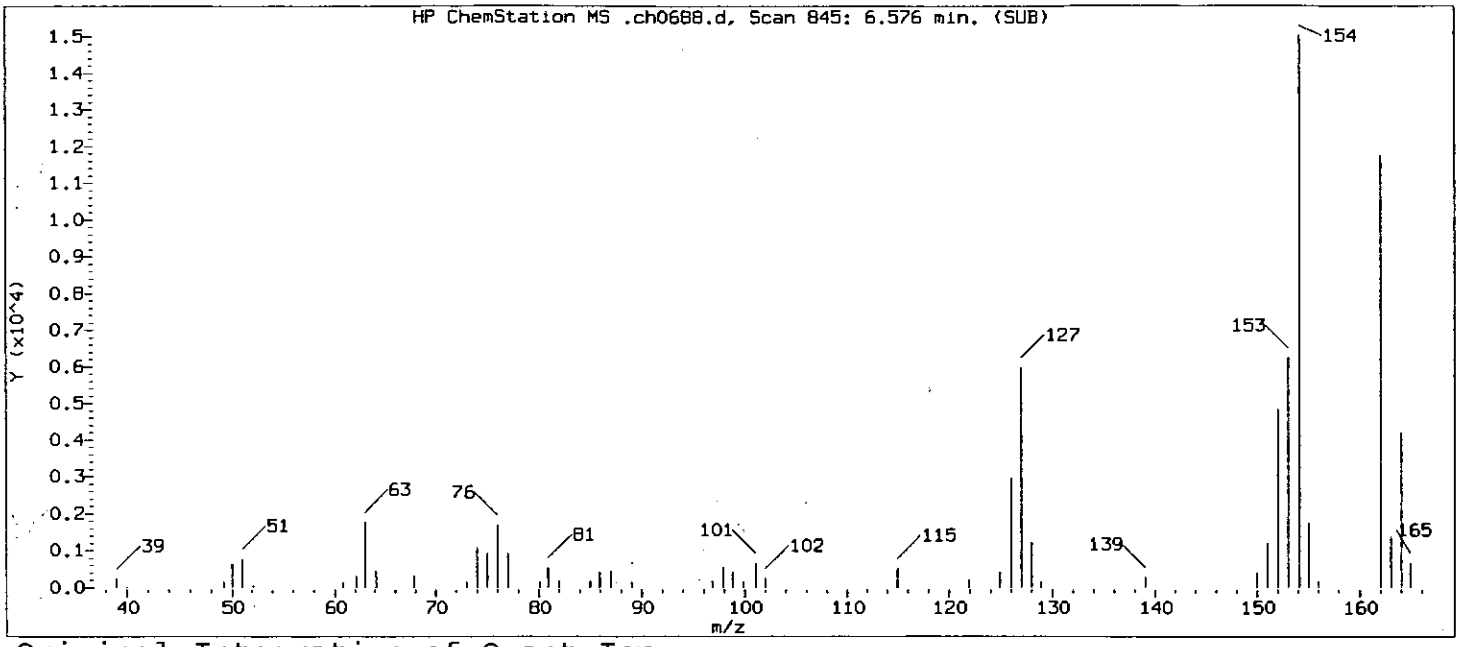
Reason for manual integration (circle one): missed peak improper integration

Analyst responsible for change: Cm 01237 8/22/07

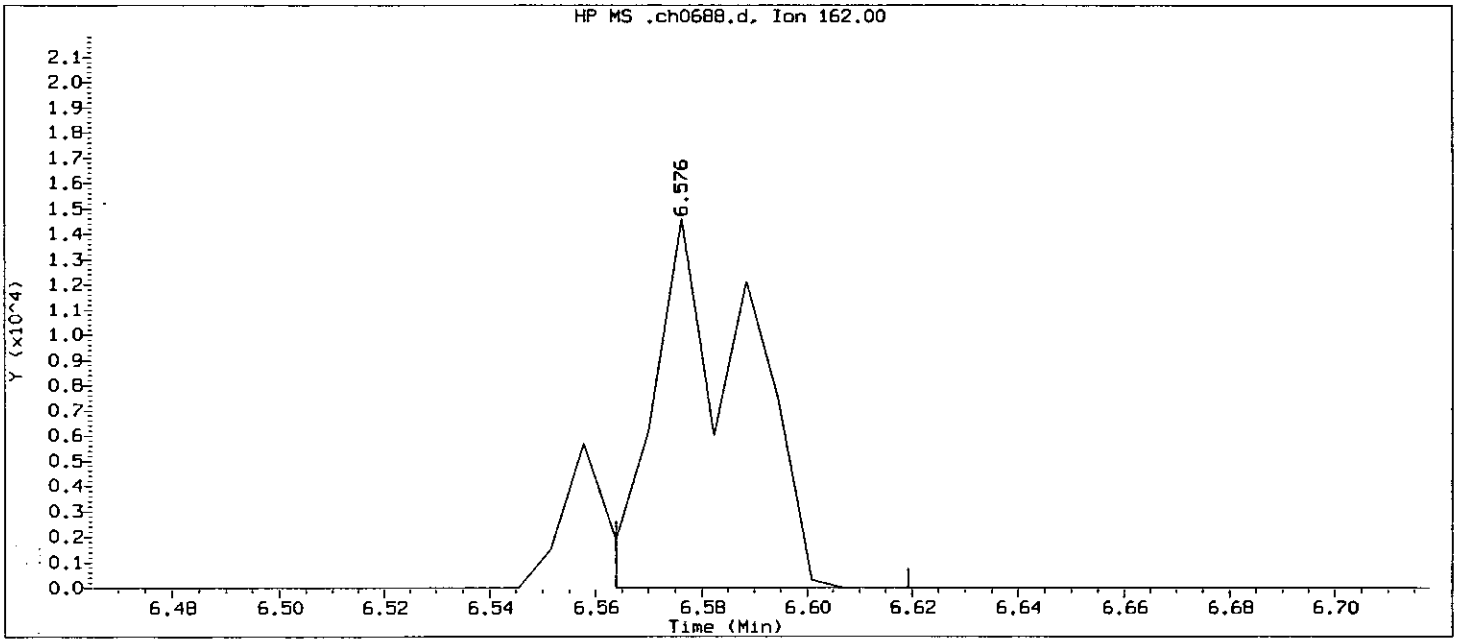
GC/MS audit/management approval: CMM 412 8/22/07 0553

Manual Integration Report for data file /chem/HP10623.i/07aug22.b/ch0688.d, generated on 08/22/2007 at 13:09

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP10623.i/07aug22.b/ch0688.d Instrument ID: HP10623.i
Injection date and time: 22-AUG-2007 12:37 Analyst ID: cam01237

Method used: /chem/HP10623.i/07aug22.b/m8270.m Sublist used: all1
Calibration date and time: 22-AUG-2007 12:48
Date, time and analyst ID of latest file update: 22-Aug-2007 12:52 Automation

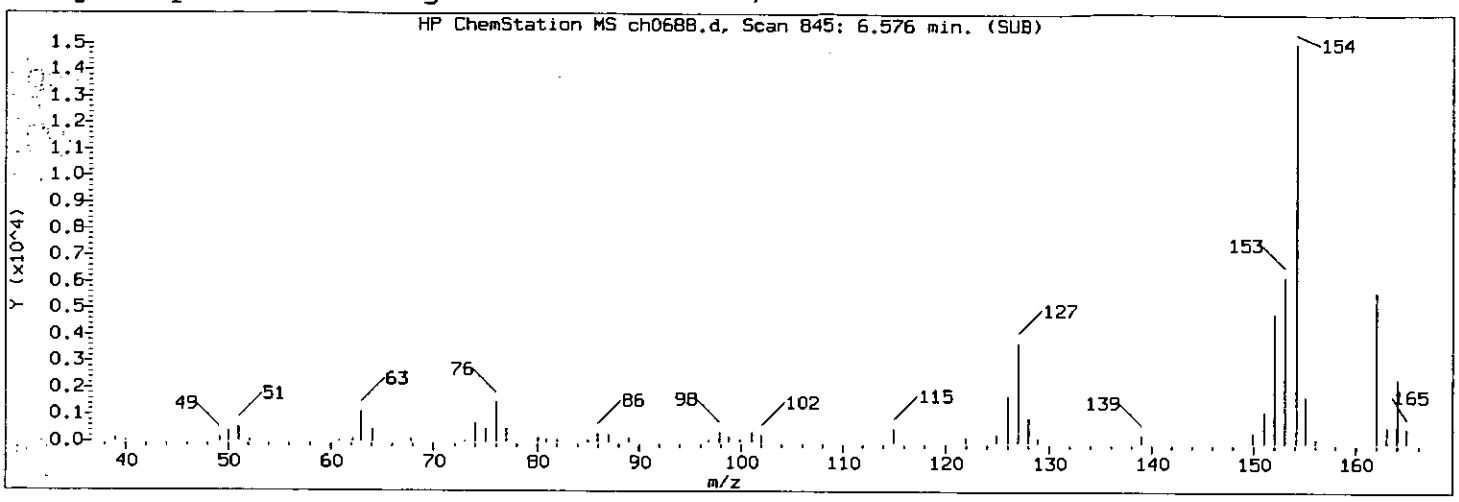
Sample Name: SSTD001 Lab Sample ID: 8270MDL2187

Compound Number	: 71
Compound Name	: 2-Chloronaphthalene
Scan Number	: 845
Retention Time (minutes)	: 6.576
Quant Ion	: 162
Area	: 17540
Concentration (ng/ul)	: 2.0902
Integration start scan	: 842 Integration stop scan: 851
Y at integration start	: 0 Y at integration end: 0

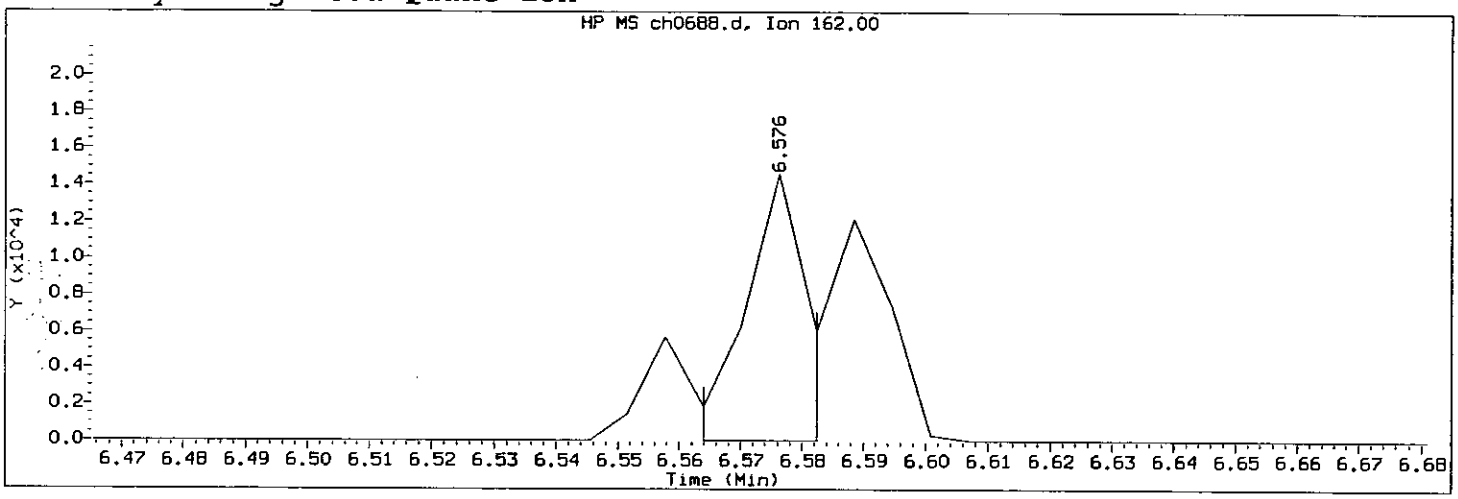
CM 01237
8/22/07
0554

Original Integration Report for data file /chem/HP10623.i/07aug22.b/ch0688.d, generated on 08/22/2007 at 13:09

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP10623.i/07aug22.b/ch0688.d Instrument ID: HP10623.i
Injection date and time: 22-AUG-2007 12:37 Analyst ID: cam01237

Method used: /chem/HP10623.i/07aug22.b/m8270.m Sublist used: all1
Calibration date and time: 22-AUG-2007 12:48
Date, time and analyst ID of latest file update: 22-Aug-2007 13:07 cam01237

Sample Name: SSTD001 Lab Sample ID: 8270MDL2187

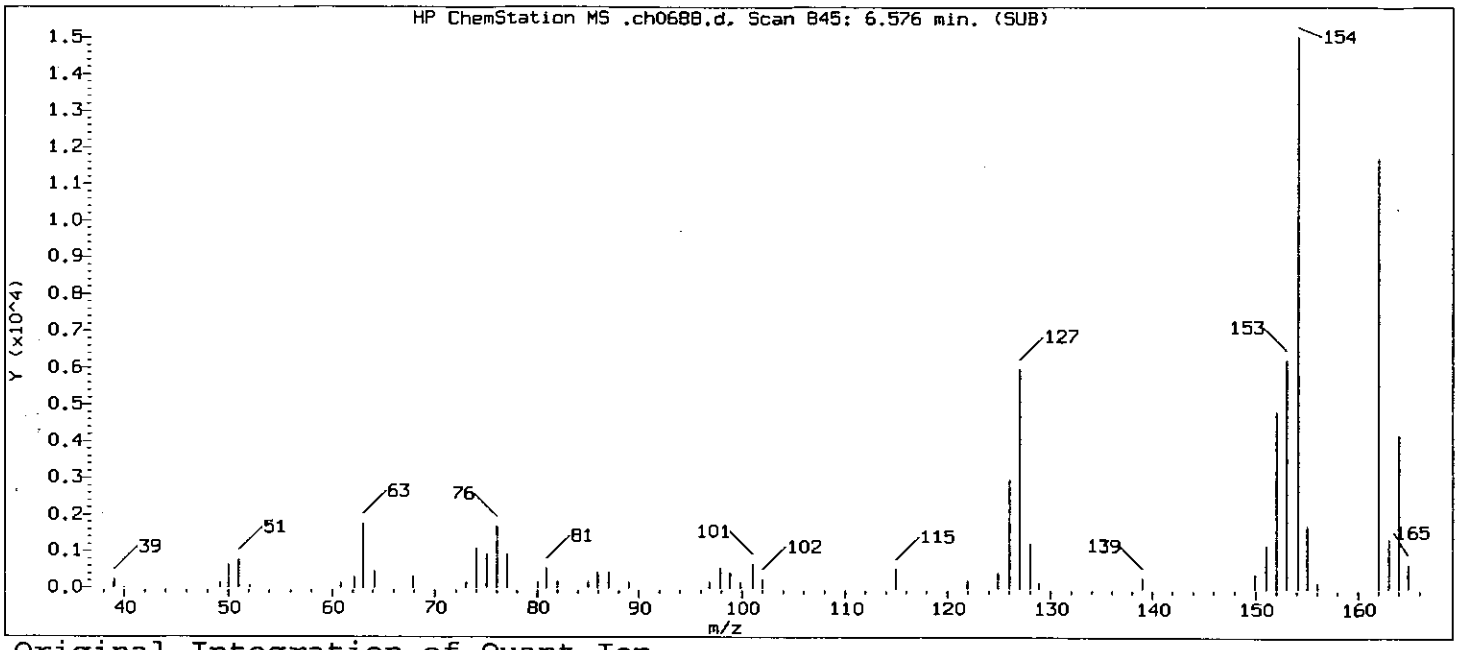
Compound Number : 71
Compound Name : 2-Chloronaphthalene
Scan Number : 845
Retention Time (minutes): 6.576
Quant Ion : 162
Area (flag) : 10574 M
Concentration (ng/ul) : 1.2601
Integration start scan : 842 Integration stop scan: 845
Y at integration start : 0 Y at integration end: 0

Reason for manual integration (circle one): missed peak improper integration

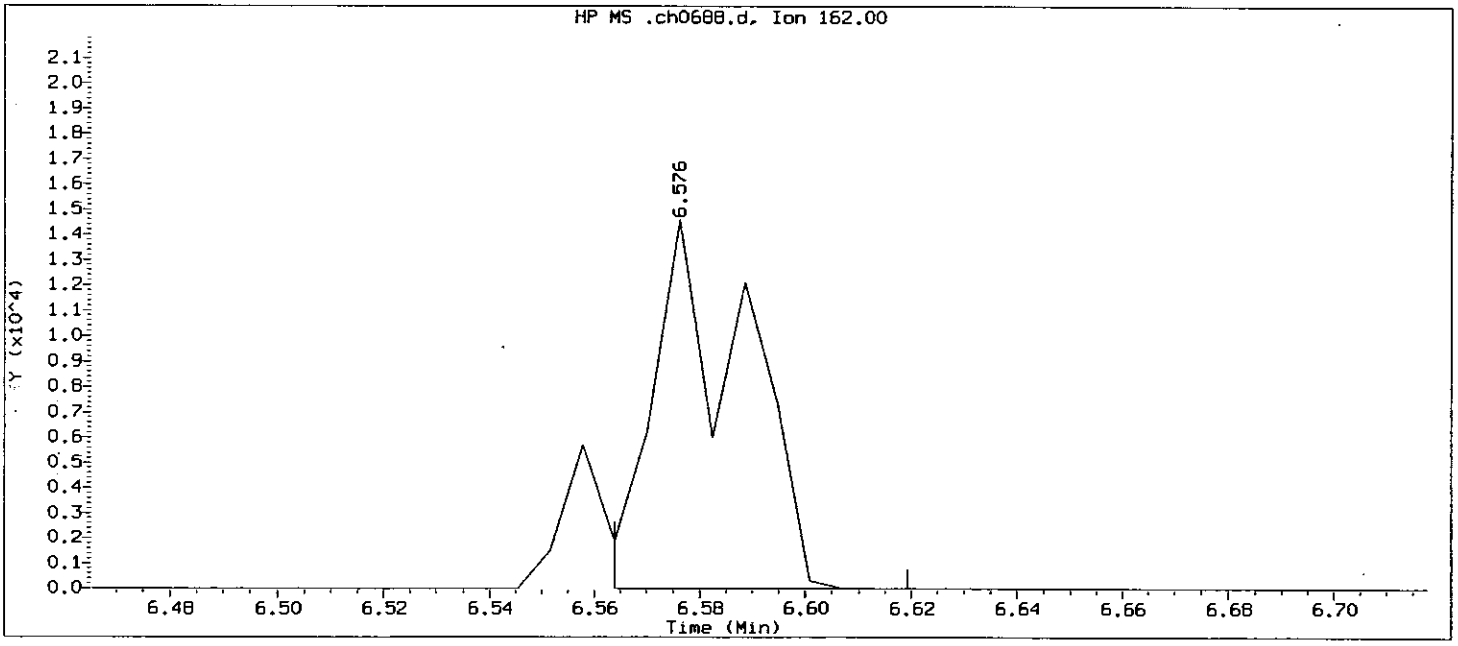
Analyst responsible for change: CM 01237 8/22/07

GC/MS audit/management approval: CMR/YLC 8/22/07 0555

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP10623.i/07aug22.b/ch0688.d Instrument ID: HP10623.i
Injection date and time: 22-AUG-2007 12:37 Analyst ID: cam01237

Method used: /chem/HP10623.i/07aug22.b/m8270.m Sublist used: all1
Calibration date and time: 22-AUG-2007 12:48
Date, time and analyst ID of latest file update: 22-Aug-2007 12:52 Automation

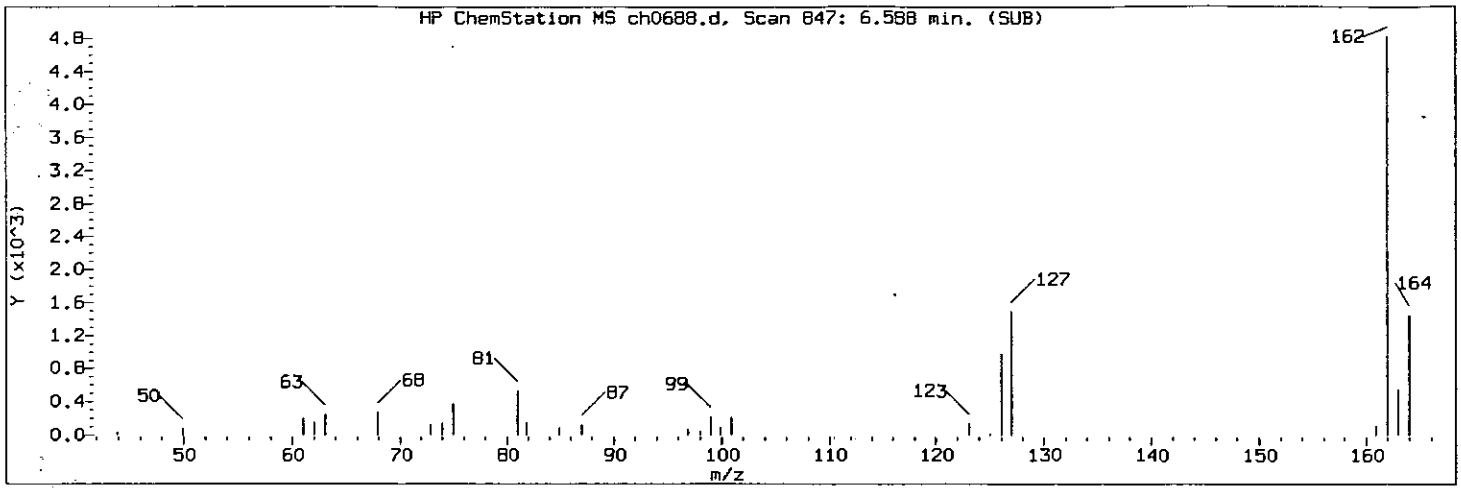
Sample Name: SSTD001 Lab Sample ID: 8270MDL2187

Compound Number	:	72
Compound Name	:	1-Chloronaphthalene
Scan Number	:	845
Retention Time (minutes)	:	6.576
Quant Ion	:	162
Area	:	17540
Concentration (ng/ul)	:	2.4661
Integration start scan	:	842
Integration stop scan	:	851
Y at integration start	:	0
Y at integration end	:	0

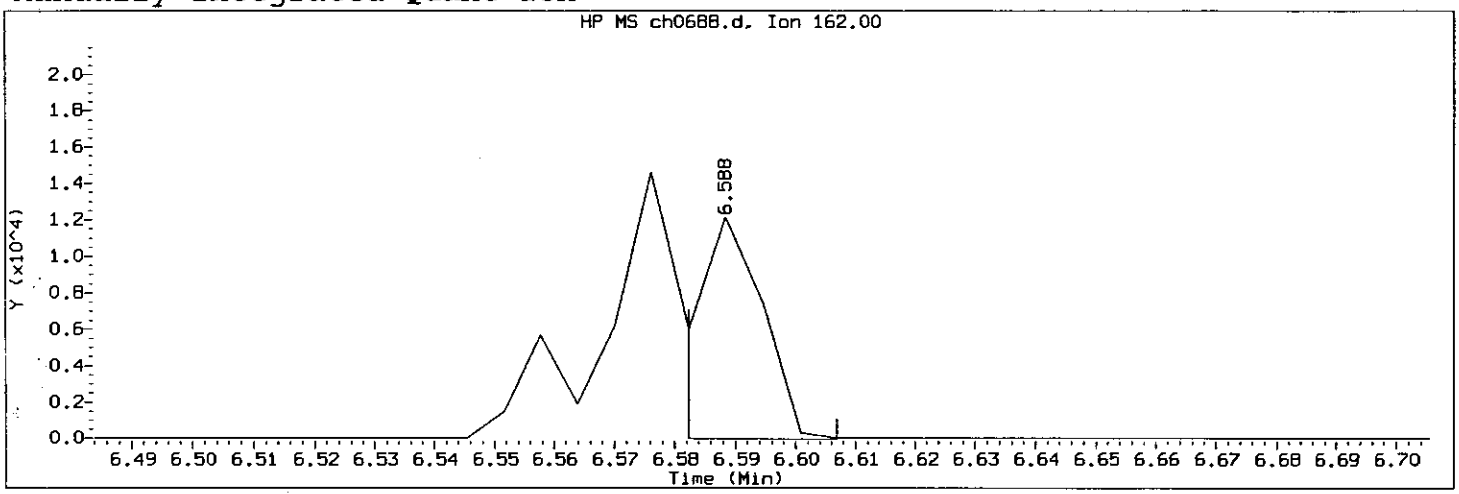
Cm 01237
8556 8/22/07

Original Integration Report for data file /chem/HP10623.i/07aug22.b/ch0688.d, generated on 08/22/2007 at 13:09

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP10623.i/07aug22.b/ch0688.d Instrument ID: HP10623.i
Injection date and time: 22-AUG-2007 12:37 Analyst ID: cam01237

Method used: /chem/HP10623.i/07aug22.b/m8270.m Sublist used: all1
Calibration date and time: 22-AUG-2007 12:48
Date, time and analyst ID of latest file update: 22-Aug-2007 13:07 cam01237

Sample Name: SSTD001 Lab Sample ID: 8270MDL2187

Compound Number : 72
Compound Name : 1-Chloronaphthalene
Scan Number : 847
Retention Time (minutes): 6.588
Quant Ion : 162
Area (flag) : 9576 M
Concentration (ng/ul) : 1.3464
Integration start scan : 845 Integration stop scan: 849
Y at integration start : -8 Y at integration end: -55

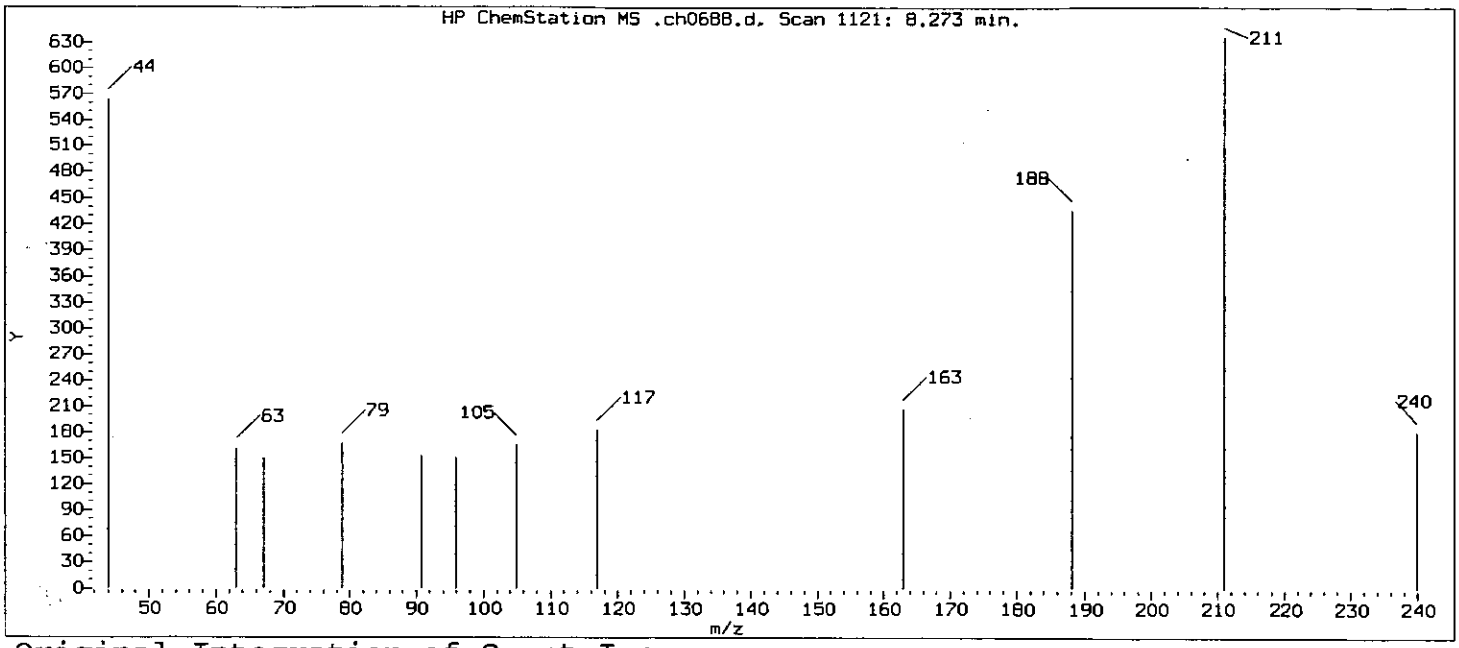
Reason for manual integration (circle one): missed peak improper integration

Analyst responsible for change: CM 01237 8/22/07

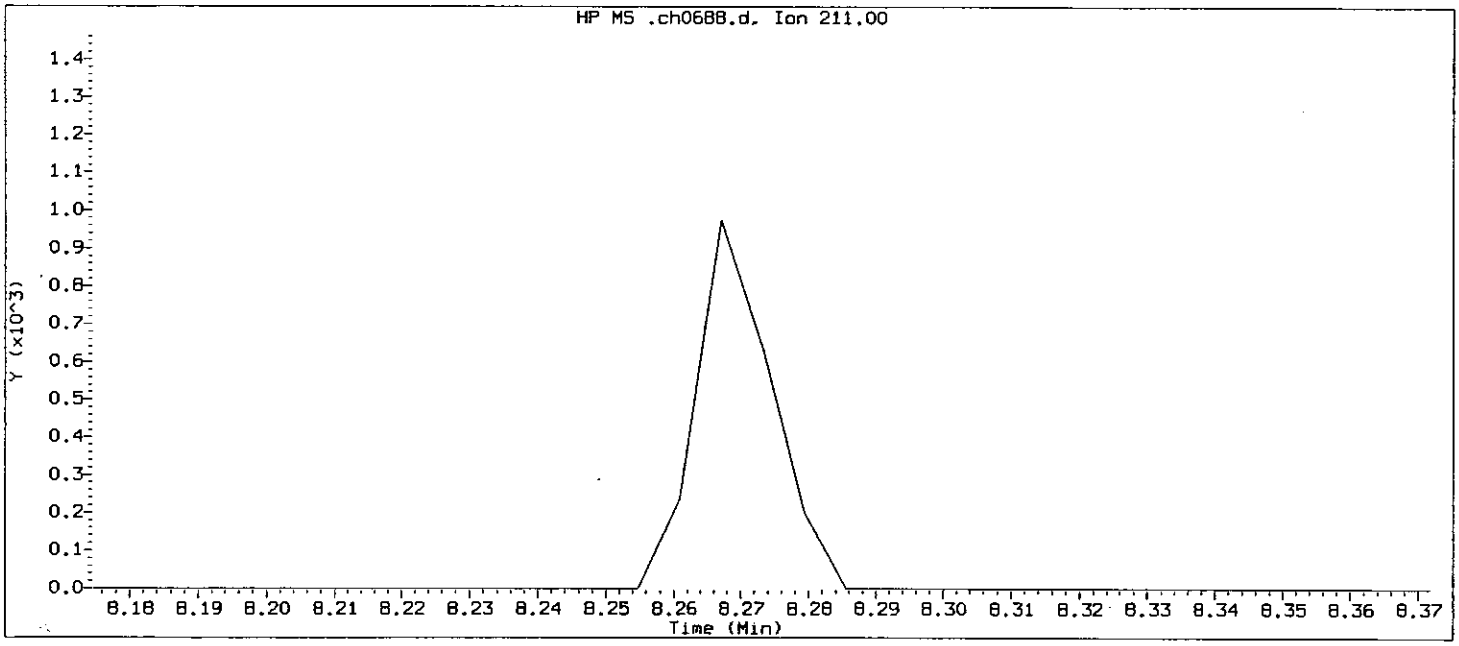
GC/MS audit/management approval: CMR/412 8/22/07 0957

Manual Integration Report for data file /chem/HP10623.i/07aug22.b/ch0688.d, generated on 08/22/2007 at 13:09

Sample Spectrum



Original Integration of Quant Ion



Data File: /chem/HP10623.i/07aug22.b/ch0688.d Instrument ID: HP10623.i
Injection date and time: 22-AUG-2007 12:37 Analyst ID: cam01237

Method used: /chem/HP10623.i/07aug22.b/m8270.m Sublist used: all1
Calibration date and time: 22-AUG-2007 12:48
Date, time and analyst ID of latest file update: 22-Aug-2007 12:52 Automation

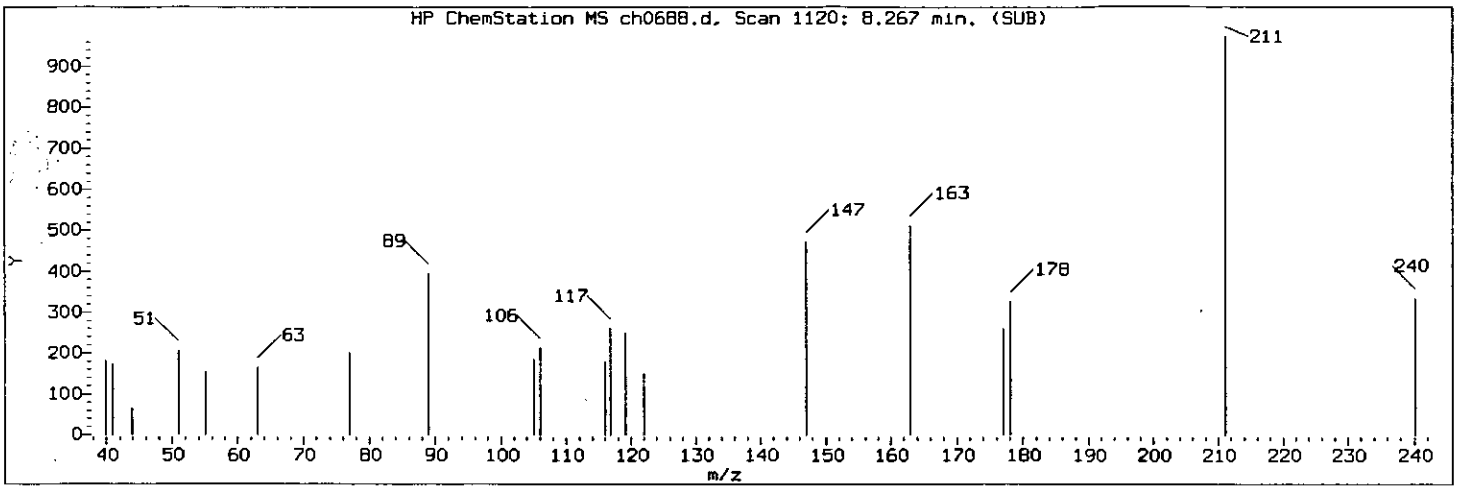
Sample Name: SSTD001 Lab Sample ID: 8270MDL2187

Compound Number : 122
Compound Name : Dinoseb
Expected RT (minutes) : 8.273
Quant Ion : 211

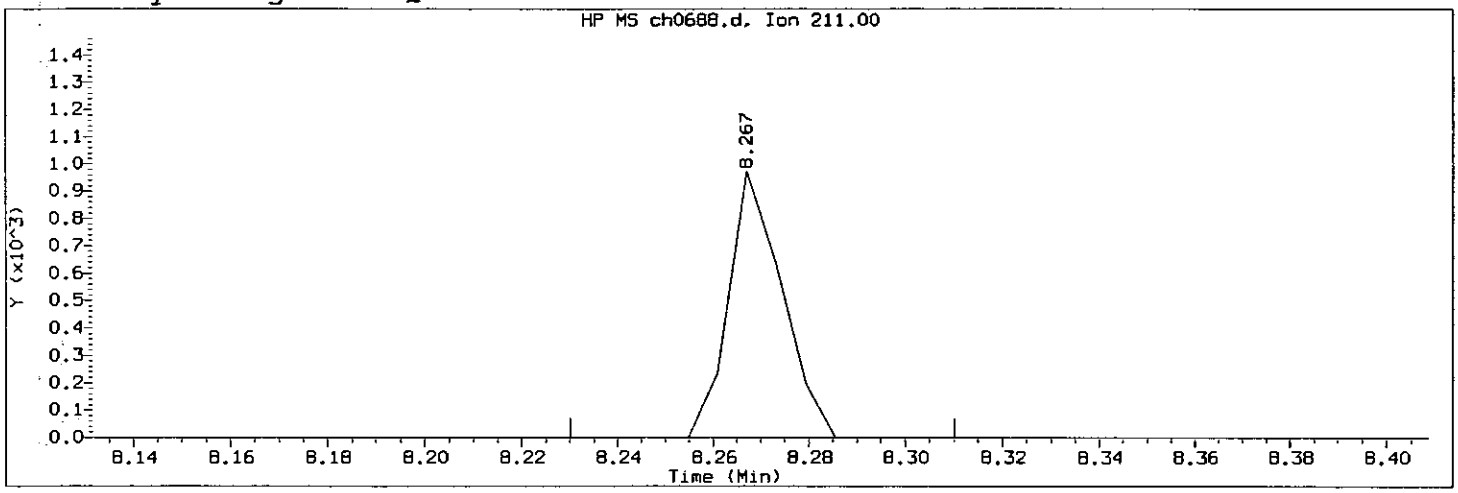
CM 01237
8/22/07
8558

Original Integration Report for data file /chem/HP10623.i/07aug22.b/ch0688.d, generated on 08/22/2007 at 13:09

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP10623.i/07aug22.b/ch0688.d Instrument ID: HP10623.i
Injection date and time: 22-AUG-2007 12:37 Analyst ID: cam01237

Method used: /chem/HP10623.i/07aug22.b/m8270.m Sublist used: all1
Calibration date and time: 22-AUG-2007 12:48
Date, time and analyst ID of latest file update: 22-Aug-2007 13:07 cam01237

Sample Name: SSTD001 Lab Sample ID: 8270MDL2187

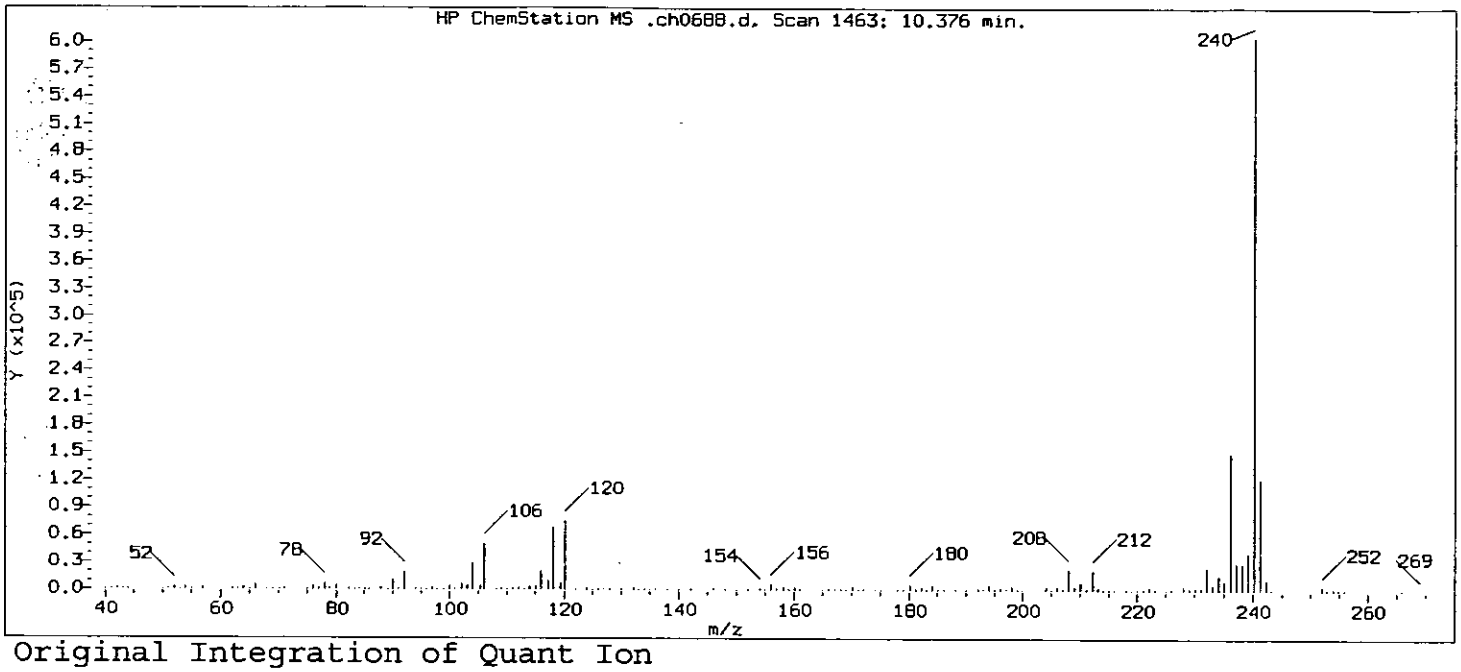
Compound Number : 122
Compound Name : Dinoseb
Scan Number : 1120
Retention Time (minutes): 8.267
Quant Ion : 211
Area (flag) : 755 M
Concentration (ng/ul) : 4.4696
Integration start scan : 1113 Integration stop scan: 1126
Y at integration start : 0 Y at integration end: 0

Reason for manual integration (circle one): missed peak improper integration

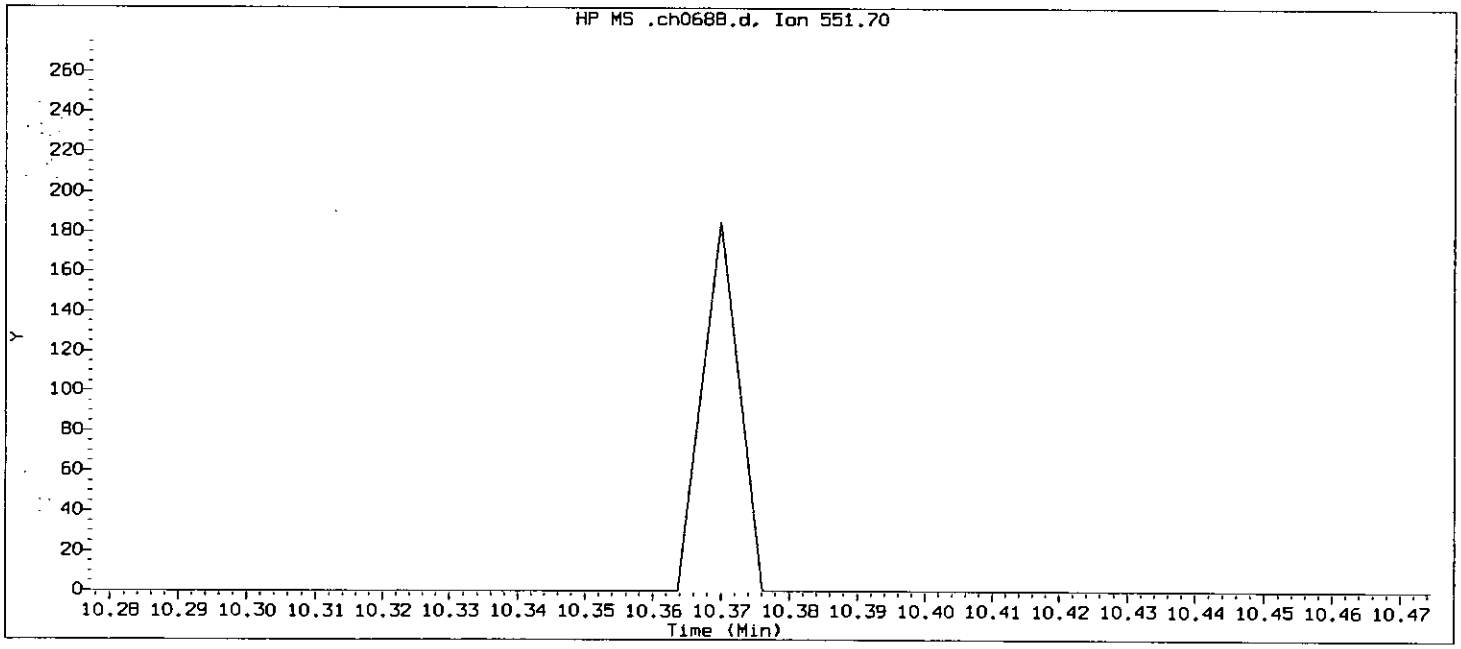
Analyst responsible for change: Cm 01237 8/22/07

GC/MS audit/management approval: Cm 412 8/22/07 8559

Sample Spectrum



Original Integration of Quant Ion



Data File: /chem/HP10623.i/07aug22.b/ch0688.d Instrument ID: HP10623.i
Injection date and time: 22-AUG-2007 12:37 Analyst ID: cam01237

Method used: /chem/HP10623.i/07aug22.b/m8270.m Sublist used: all1
Calibration date and time: 22-AUG-2007 12:48
Date, time and analyst ID of latest file update: 22-Aug-2007 12:52 Automation

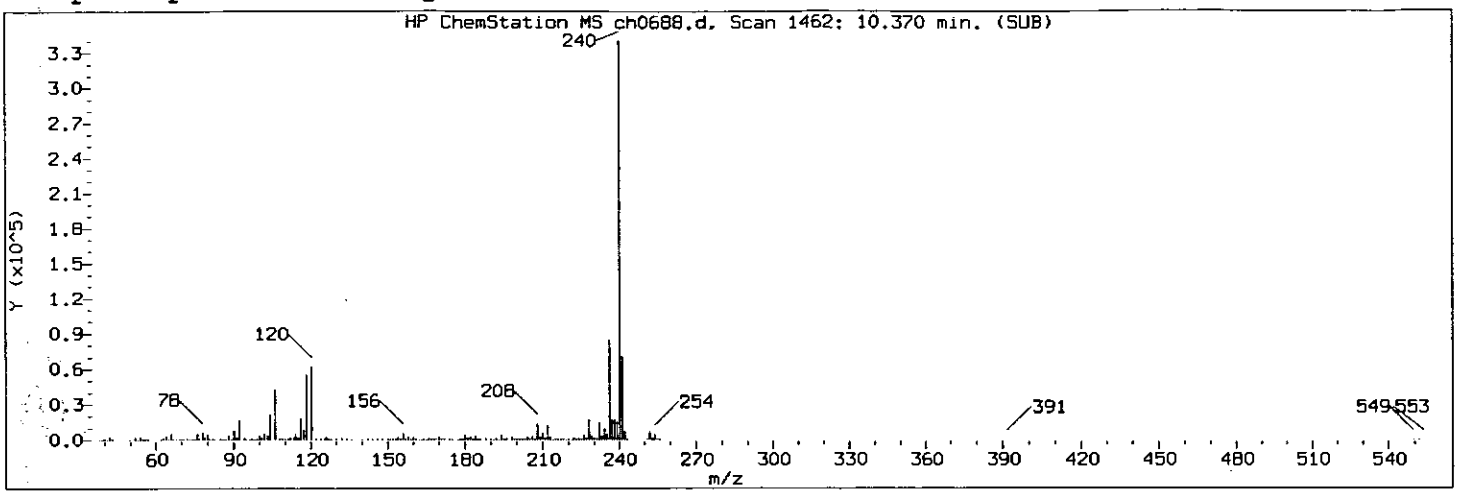
Sample Name: SSTD001 Lab Sample ID: 8270MDL2187

Compound Number : 147
Compound Name : Hexabromobenzene
Expected RT (minutes) : 10.376
Quant Ion : 552

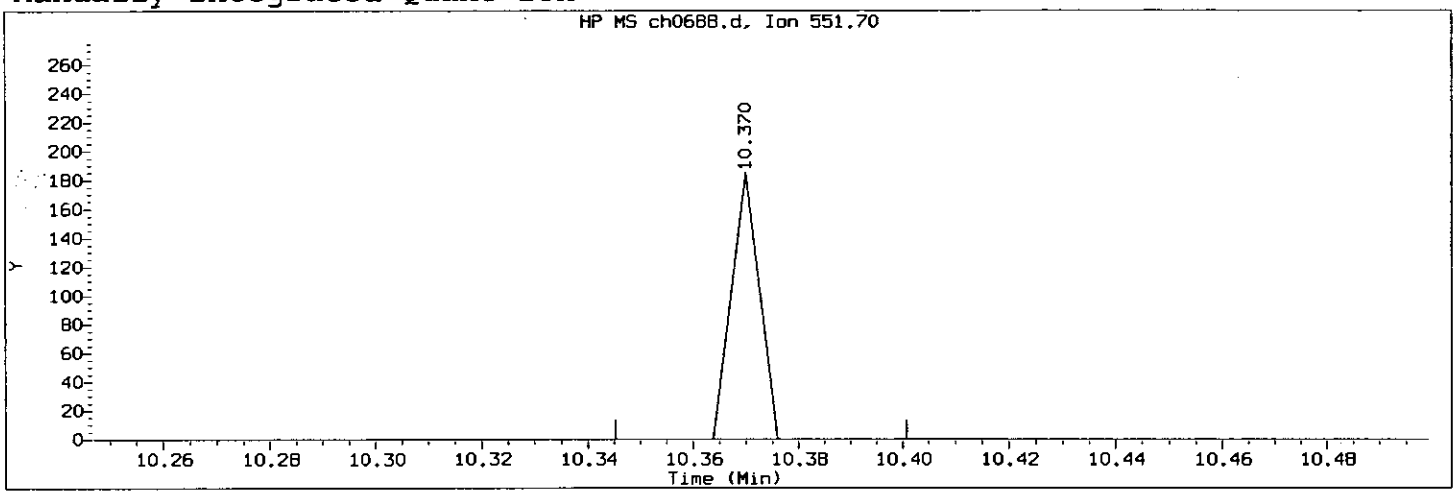
Cm 0237
0568 8/22/07

Original Integration Report for data file /chem/HP10623.i/07aug22.b/ch0688.d, generated on 08/22/2007 at 13:09

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP10623.i/07aug22.b/ch0688.d Instrument ID: HP10623.i
Injection date and time: 22-AUG-2007 12:37 Analyst ID: cam01237

Method used: /chem/HP10623.i/07aug22.b/m8270.m Sublist used: all1
Calibration date and time: 22-AUG-2007 12:48
Date, time and analyst ID of latest file update: 22-Aug-2007 13:07 cam01237

Sample Name: SSTD001 Lab Sample ID: 8270MDL2187

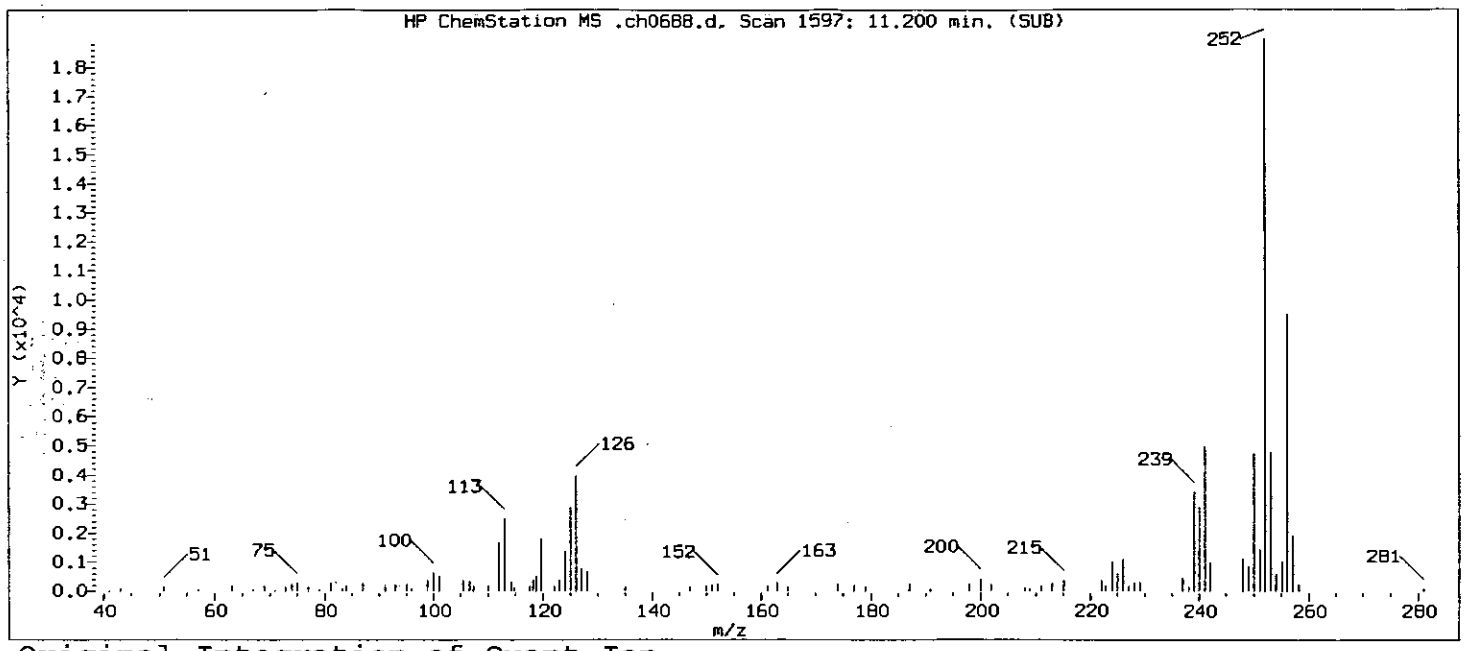
Compound Number : 147
Compound Name : Hexabromobenzene
Scan Number : 1462
Retention Time (minutes): 10.370
Quant Ion : 552
Area (flag) : 68 M
Concentration (ng/ul) : 0.4982
Integration start scan : 1457 Integration stop scan: 1466
Y at integration start : 0 Y at integration end: 0

Reason for manual integration (circle one): (missed peak) improper integration

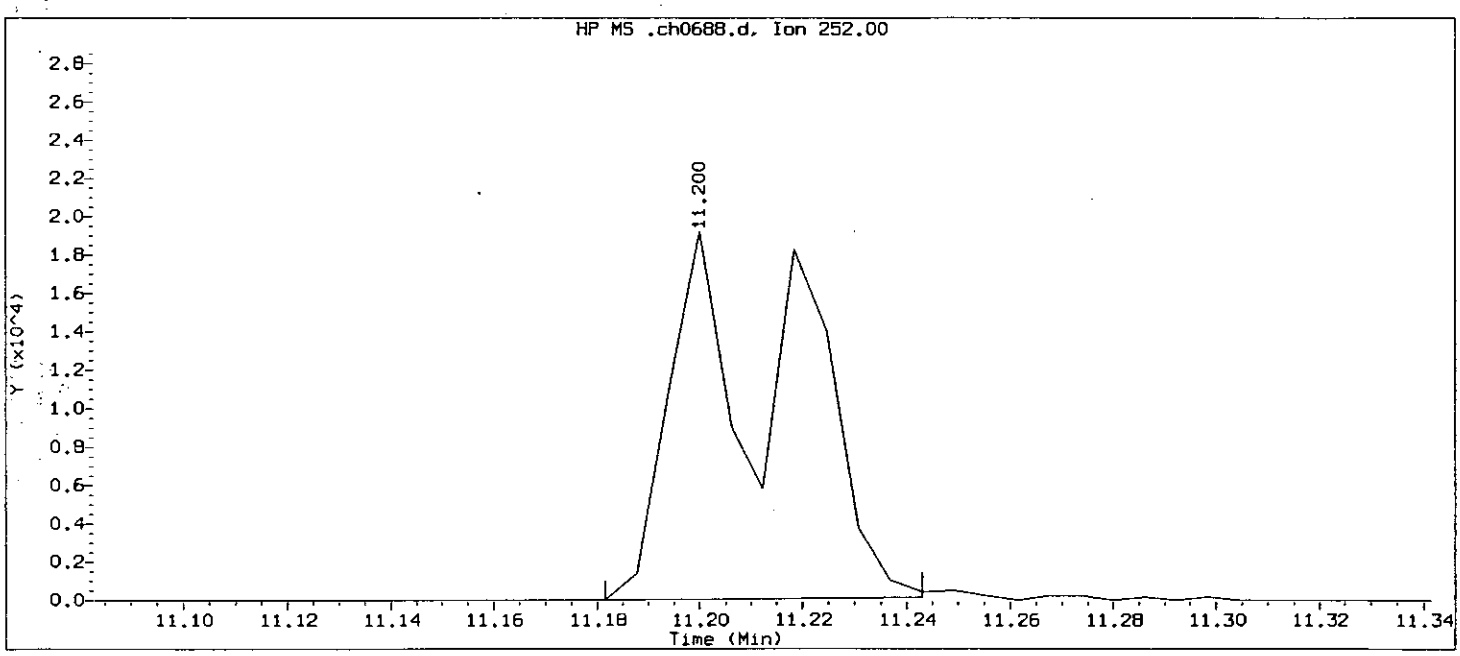
Analyst responsible for change: CM 01237 8/22/07

GC/MS audit/management approval: CMR/JJR 8/22/07

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP10623.i/07aug22.b/ch0688.d Instrument ID: HP10623.i
Injection date and time: 22-AUG-2007 12:37 Analyst ID: cam01237

Method used: /chem/HP10623.i/07aug22.b/m8270.m Sublist used: all1
Calibration date and time: 22-AUG-2007 12:48
Date, time and analyst ID of latest file update: 22-Aug-2007 12:52 Automation

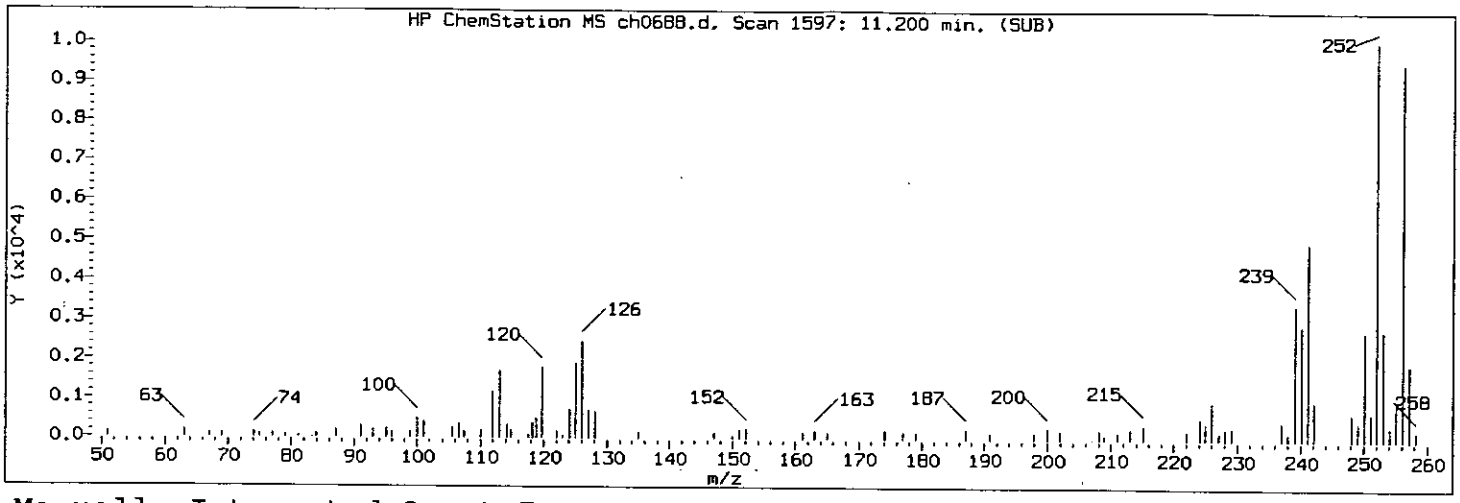
Sample Name: SSTD001 Lab Sample ID: 8270MDL2187

Compound Number	:	158
Compound Name	:	Benzo(b)fluoranthene
Scan Number	:	1597
Retention Time (minutes)	:	11.200
Quant Ion	:	252
Area	:	30624
Concentration (ng/ul)	:	2.3416
Integration start scan	:	1593 Integration stop scan: 1603
Y at integration start	:	0 Y at integration end: 130

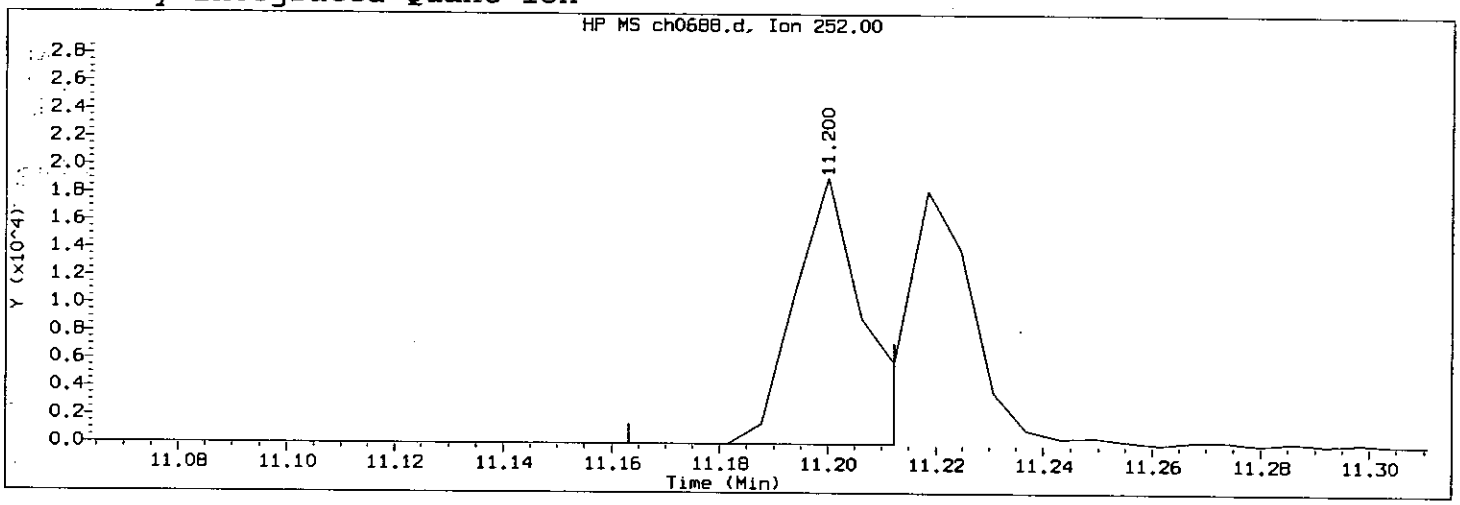
CM 01237
8/22/07
8562

Original Integration Report for data file /chem/HP10623.i/07aug22.b/ch0688.d, generated on 08/22/2007 at 13:09

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP10623.i/07aug22.b/ch0688.d Instrument ID: HP10623.i
Injection date and time: 22-AUG-2007 12:37 Analyst ID: cam01237

Method used: /chem/HP10623.i/07aug22.b/m8270.m Sublist used: all1
Calibration date and time: 22-AUG-2007 12:48
Date, time and analyst ID of latest file update: 22-Aug-2007 13:07 cam01237

Sample Name: SSTD001 Lab Sample ID: 8270MDL2187

Compound Number : 158
Compound Name : Benzo(b)fluoranthene
Scan Number : 1597
Retention Time (minutes): 11.200
Quant Ion : 252
Area (flag) : 17097 M
Concentration (ng/ul) : 1.3073
Integration start scan : 1590 Integration stop scan: 1598
Y at integration start : 0 Y at integration end: 0

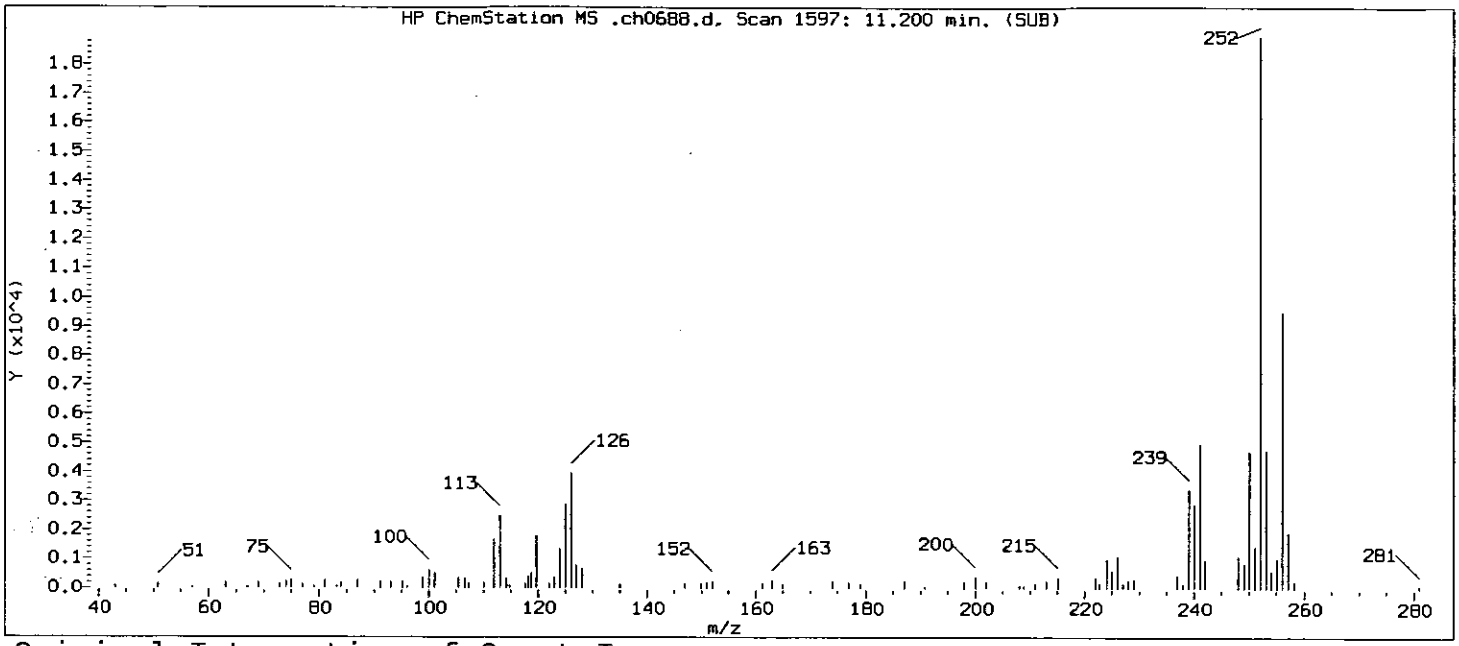
Reason for manual integration (circle one): missed peak improper integration

Analyst responsible for change: Cm 01237 8/22/07

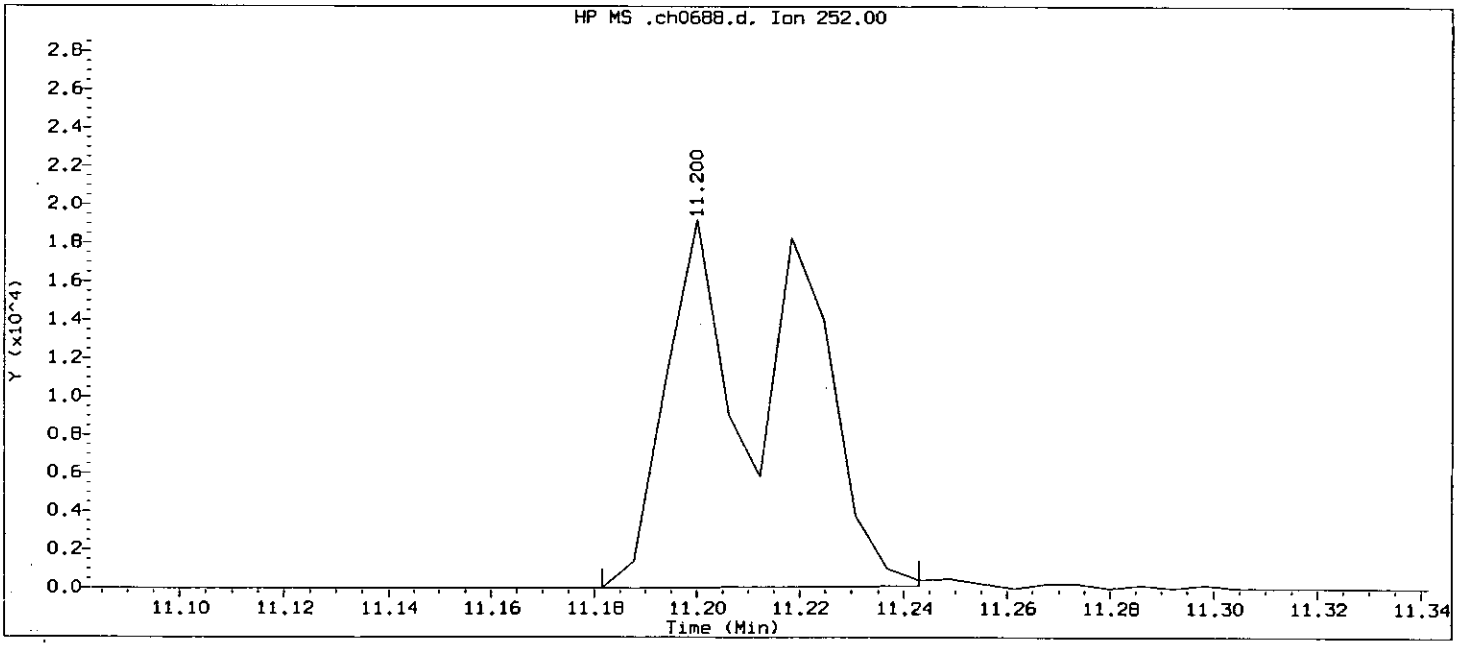
GC/MS audit/management approval: CMR/YIL 8/22/07

Manual Integration Report for data file /chem/HP10623.i/07aug22.b/ch0688.d, generated on 08/22/2007 at 13:09

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP10623.i/07aug22.b/ch0688.d Instrument ID: HP10623.i
Injection date and time: 22-AUG-2007 12:37 Analyst ID: cam01237

Method used: /chem/HP10623.i/07aug22.b/m8270.m Sublist used: all1
Calibration date and time: 22-AUG-2007 12:48
Date, time and analyst ID of latest file update: 22-Aug-2007 12:52 Automation

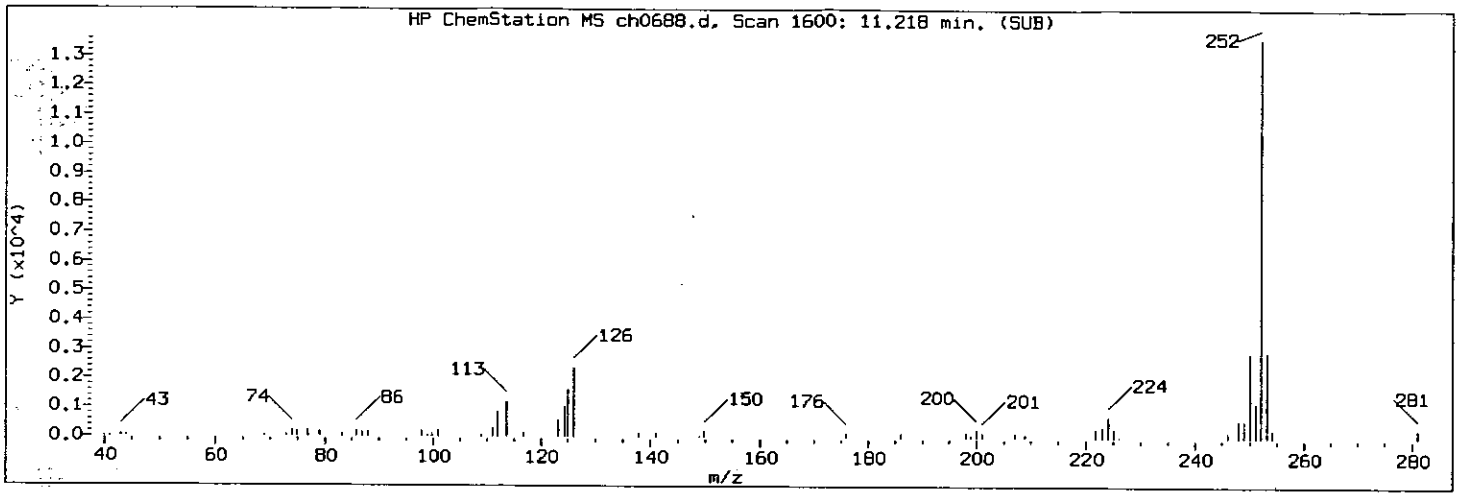
Sample Name: SSTD001 Lab Sample ID: 8270MDL2187

Compound Number : 159
Compound Name : Benzo(k)fluoranthene
Scan Number : 1597
Retention Time (minutes): 11.200
Quant Ion : 252
Area : 30628
Concentration (ng/ul) : 2.2721
Integration start scan : 1593 Integration stop scan: 1603
Y at integration start : 0 Y at integration end: 128

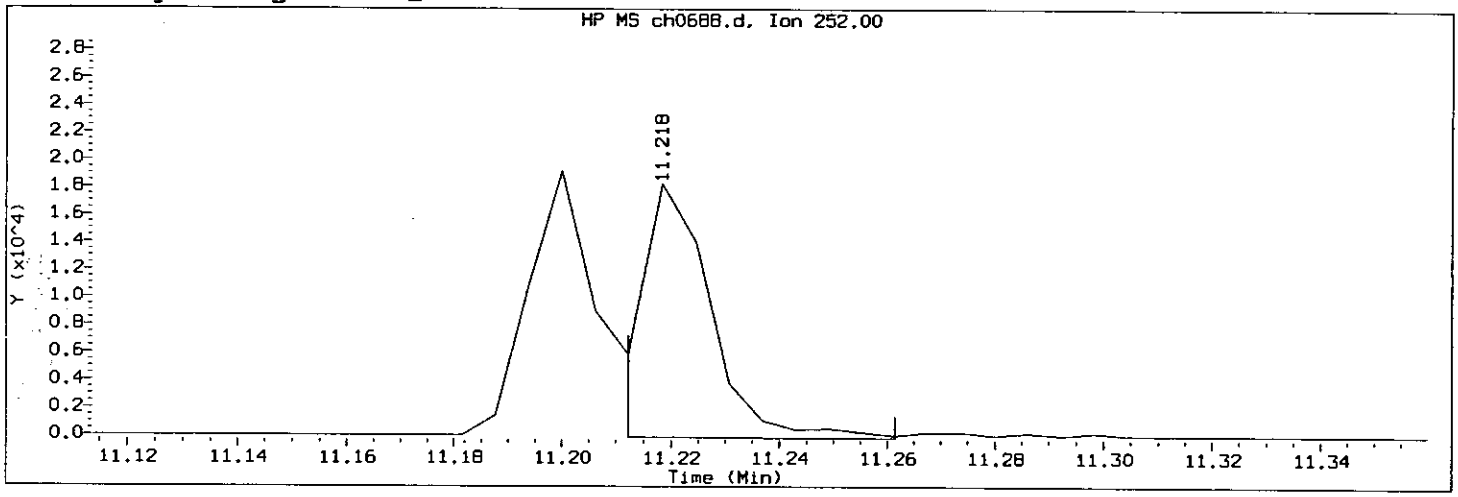
cm 01237
8/22/07
8564

Original Integration Report for data file /chem/HP10623.i/07aug22.b/ch0688.d, generated on 08/22/2007 at 13:09

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP10623.i/07aug22.b/ch0688.d Instrument ID: HP10623.i
Injection date and time: 22-AUG-2007 12:37 Analyst ID: cam01237

Method used: /chem/HP10623.i/07aug22.b/m8270.m Sublist used: all1
Calibration date and time: 22-AUG-2007 12:48
Date, time and analyst ID of latest file update: 22-Aug-2007 13:07 cam01237

Sample Name: SSTD001 Lab Sample ID: 8270MDL2187

Compound Number : 159
Compound Name : Benzo(k)fluoranthene
Scan Number : 1600
Retention Time (minutes): 11.218
Quant Ion : 252
Area (flag) : 16863 M
Concentration (ng/ul) : 1.2510
Integration start scan : 1598 Integration stop scan: 1606
Y at integration start : -164 Y at integration end: -197

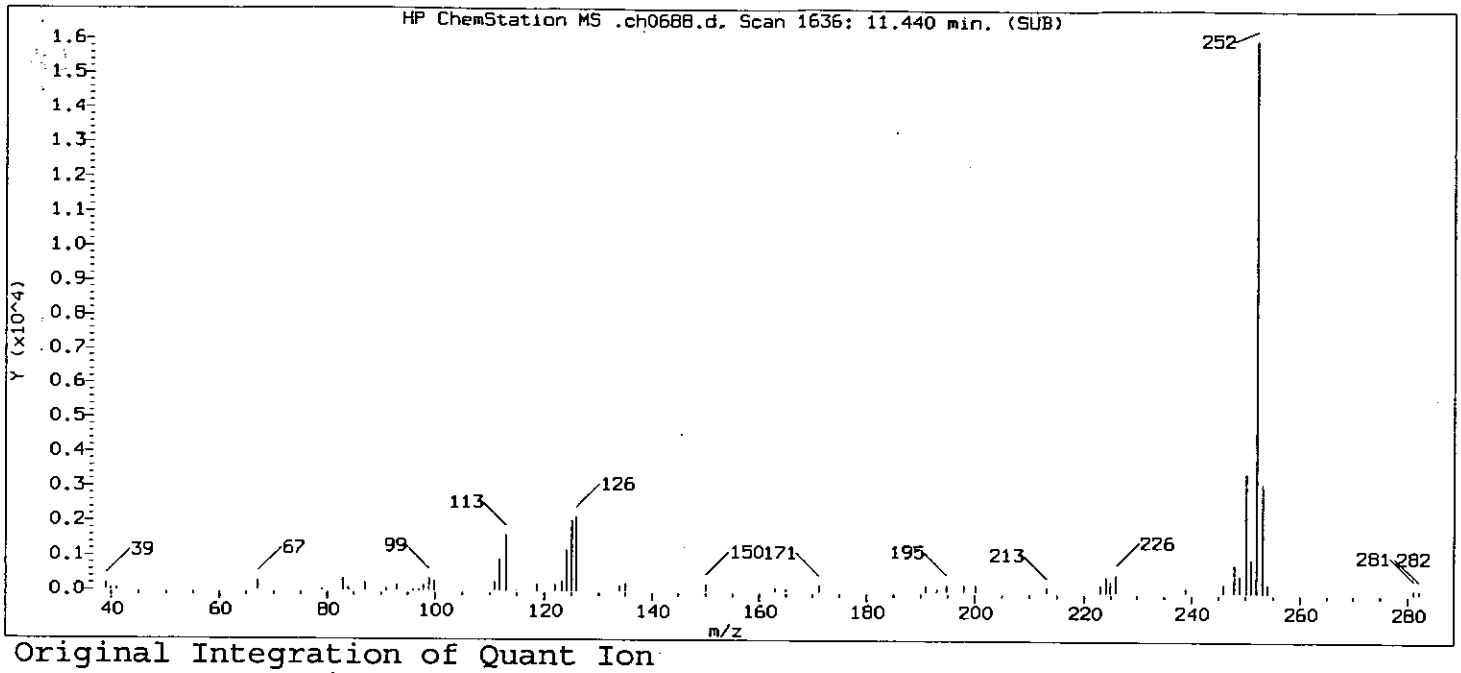
Reason for manual integration (circle one): missed peak improper integration

Analyst responsible for change: CM 01237 8/22/07

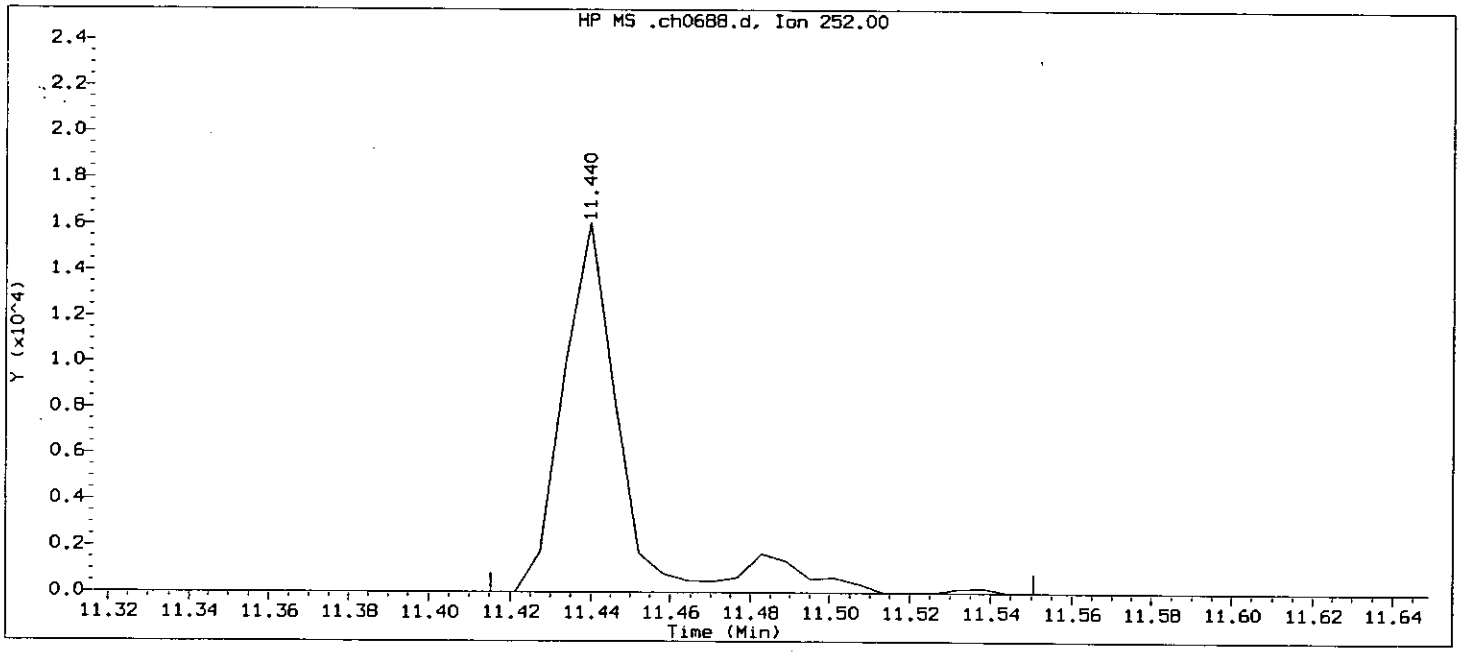
GC/MS audit/management approval: CM 41c 8/22/07 8565

Manual Integration Report for data file /chem/HP10623.i/07aug22.b/ch0688.d, generated on 08/22/2007 at 13:09

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP10623.i/07aug22.b/ch0688.d Instrument ID: HP10623.i
Injection date and time: 22-AUG-2007 12:37 Analyst ID: cam01237

Method used: /chem/HP10623.i/07aug22.b/m8270.m Sublist used: all1
Calibration date and time: 22-AUG-2007 12:48
Date, time and analyst ID of latest file update: 22-Aug-2007 12:52 Automation

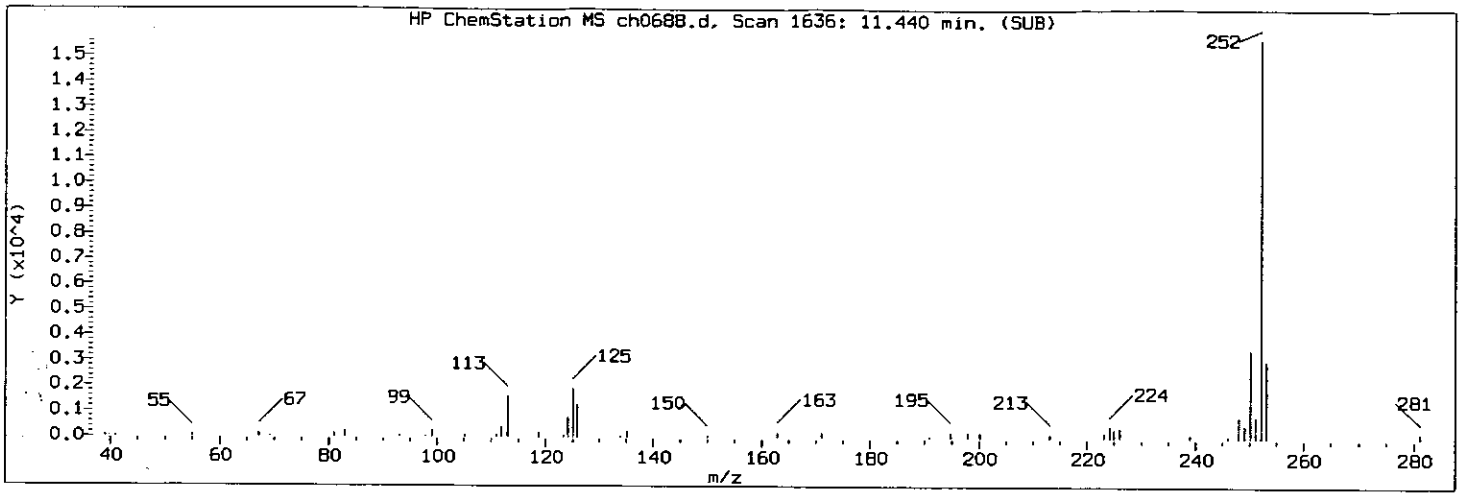
Sample Name: SSTD001 Lab Sample ID: 8270MDL2187

Compound Number	:	160
Compound Name	:	Benzo(a)pyrene
Scan Number	:	1636
Retention Time (minutes)	:	11.440
Quant Ion	:	252
Area	:	16684
Concentration (ng/ul)	:	1.3416
Integration start scan	:	1631 Integration stop scan: 1653
Y at integration start	:	0 Y at integration end: 0

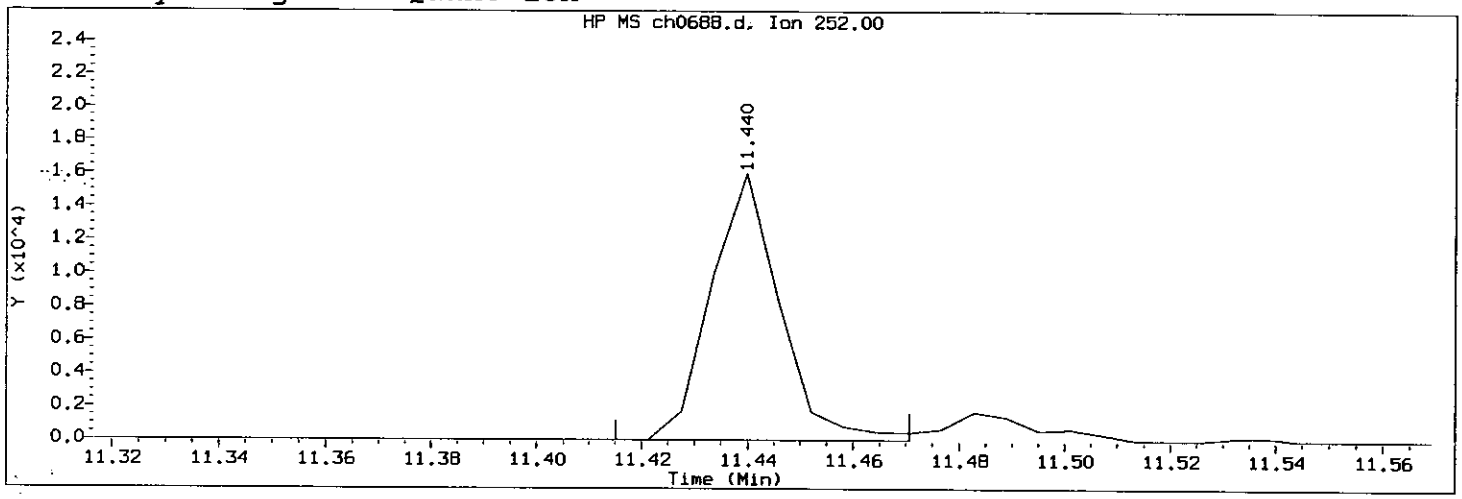
Cm 01237
8/22/07
8566

Original Integration Report for data file /chem/HP10623.i/07aug22.b/ch0688.d, generated on 08/22/2007 at 13:09

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP10623.i/07aug22.b/ch0688.d Instrument ID: HP10623.i
Injection date and time: 22-AUG-2007 12:37 Analyst ID: cam01237

Method used: /chem/HP10623.i/07aug22.b/m8270.m Sublist used: all1
Calibration date and time: 22-AUG-2007 12:48
Date, time and analyst ID of latest file update: 22-Aug-2007 13:07 cam01237

Sample Name: SSTD001 Lab Sample ID: 8270MDL2187

Compound Number : 160
Compound Name : Benzo(a)pyrene
Scan Number : 1636
Retention Time (minutes): 11.440
Quant Ion : 252
Area (flag) : 14598 M
Concentration (ng/ul) : 1.1738
Integration start scan : 1631 Integration stop scan: 1640
Y at integration start : 0 Y at integration end: 0

Reason for manual integration (circle one): missed peak improper integration

Analyst responsible for change: CM01237 8/22/07

GC/MS audit/management approval: CM1417C 8/22/07

Lancaster Laboratories, Inc.
Semi Volatile Initial Calibration Verification

LAB NAME: LANCASTER LABS LAB CODE: LANCAS INSTRUMENT: HP10623

Method: SW-846 8270C File ID: ch0689.d

ICV SAMPLE ID: ICV1387 BATCH: 07AUG22026 Sample Name: SSTD050

COMPOUND NAME	TRUE CONC.	ACTUAL CONC.	% DRIFT	%D window	INSPEC
1,4-Dioxane	50.00	.00	0	20	YES
N-Nitrosodimethylamine	50.00	49.75	-1	20	YES
Pyridine	50.00	51.15	2	20	YES
2-Picoline	50.00	55.33	11	20	YES
2-Fluorophenol	50.00	48.44	-3	20	YES
Phenol-d5	50.00	48.58	-3	20	YES
Phenol-d6	50.00	48.58	-3	20	YES
Phenol	50.00	50.61	1	20	YES
Aniline	50.00	46.14	-8	20	YES
bis(2-Chloroethyl)ether	50.00	50.05	0	20	YES
2-Chlorophenol	50.00	49.35	-1	20	YES
1,3-Dichlorobenzene	50.00	50.38	1	20	YES
1,4-Dichlorobenzene	50.00	51.66	3	20	YES
Benzyl alcohol	50.00	47.67	-5	20	YES
1,2-Dichlorobenzene	50.00	49.69	-1	20	YES
2-Methylphenol	50.00	45.87	-8	20	YES
2,2'-oxybis(1-Chloropropane	50.00	59.45	19	20	YES
bis(2-Chloroisopropyl)ether	50.00	59.45	19	20	YES
Acetophenone	50.00	49.41	-1	20	YES
N-Nitroso-di-n-propylamine	50.00	49.29	-1	20	YES
4-Methylphenol	50.00	49.50	-1	20	YES
o-Toluidine	50.00	47.79	-4	20	YES
Hexachloroethane	50.00	51.62	3	20	YES
Nitrobenzene-d5	50.00	48.57	-3	20	YES
Nitrobenzene	50.00	49.12	-2	20	YES
Isophorone	50.00	43.40	-13	20	YES
2-Nitrophenol	50.00	53.01	6	20	YES
2,4-Dimethylphenol	50.00	49.58	-1	20	YES
bis(2-Chloroethoxy)methane	50.00	56.50	13	20	YES
Benzoic acid	50.00	56.75	13	20	YES
2,4-Dichlorophenol	50.00	48.39	-3	20	YES
1,2,4-Trichlorobenzene	50.00	48.84	-2	20	YES
Naphthalene	50.00	50.68	1	20	YES
4-Chloroaniline	50.00	50.97	2	20	YES
2,6-Dichlorophenol	50.00	47.36	-5	20	YES
Hexachlorobutadiene	50.00	49.82	0	20	YES
Quinoline	50.00	50.83	2	20	YES

NC = Could not calculate

Comments: mm1958 08/28/07

mp1758
8/23/07

0568

Lancaster Laboratories, Inc.
Semi Volatile Initial Calibration Verification

LAB NAME: LANCASTER LABS LAB CODE: LANCAS INSTRUMENT: HP10623

Method: SW-846 8270C File ID: ch0689.d

ICV SAMPLE ID: ICV1387 BATCH: 07AUG22026 Sample Name: SSTD050

COMPOUND NAME	TRUE CONC.	ACTUAL CONC.	% DRIFT	%D Window	INSPEC
Caprolactam	50.00	50.12	0	20	YES
4-Chloro-3-methylphenol	50.00	49.17	-2	20	YES
2-Methylnaphthalene	50.00	47.77	-4	20	YES
1-Methylnaphthalene	50.00	47.14	-6	20	YES
Hexachlorocyclopentadiene	100.00	123.34	23	20	NO
1,2,4,5-Tetrachlorobenzene	50.00	49.88	0	20	YES
2,4,6-Trichlorophenol	50.00	49.46	-1	20	YES
2,4,5-Trichlorophenol	50.00	47.70	-5	20	YES
2-Fluorobiphenyl	50.00	49.50	-1	20	YES
Biphenyl	50.00	50.17	0	20	YES
Diphenyl	50.00	50.17	0	20	YES
1,1'-Biphenyl	50.00	50.17	0	20	YES
2-Chloronaphthalene	50.00	20.13	-60	20	NO
Diphenyl ether	50.00	46.03	-8	20	YES
2-Nitroaniline	50.00	51.09	2	20	YES
Dimethylphthalate	50.00	48.66	-3	20	YES
2,6-Dinitrotoluene	50.00	49.91	0	20	YES
Acenaphthylene	50.00	57.02	14	20	YES
3-Nitroaniline	50.00	49.91	0	20	YES
Acenaphthene	50.00	50.73	1	20	YES
2,4-Dinitrophenol	50.00	45.49	-9	20	YES
Pentachlorobenzene	50.00	50.39	1	20	YES
4-Nitrophenol	50.00	48.87	-2	20	YES
Dibenzofuran	50.00	48.57	-3	20	YES
2,4-Dinitrotoluene	50.00	49.78	0	20	YES
1-Naphthylamine	50.00	52.30	5	20	YES
2,3,4,6-Tetrachlorophenol	50.00	49.54	-1	20	YES
2-Naphthylamine	50.00	49.33	-1	20	YES
Diethylphthalate	50.00	49.70	-1	20	YES
Fluorene	50.00	51.25	3	20	YES
4-Chlorophenyl-phenylether	50.00	49.90	0	20	YES
4-Nitroaniline	50.00	48.48	-3	20	YES
4,6-Dinitro-2-methylphenol	50.00	52.56	5	20	YES
N-Nitrosodiphenylamine	50.00	47.55	-5	20	YES
1,2-Diphenylhydrazine	50.00	50.92	2	20	YES
2,4,6-Tribromophenol	50.00	49.51	-1	20	YES
Phorate	50.00	54.70	9	20	YES

NC = Could not calculate

Comments: _____

Lancaster Laboratories, Inc.
Semi Volatile Initial Calibration Verification

LAB NAME: LANCASTER LABS LAB CODE: LANCAS INSTRUMENT: HP10623

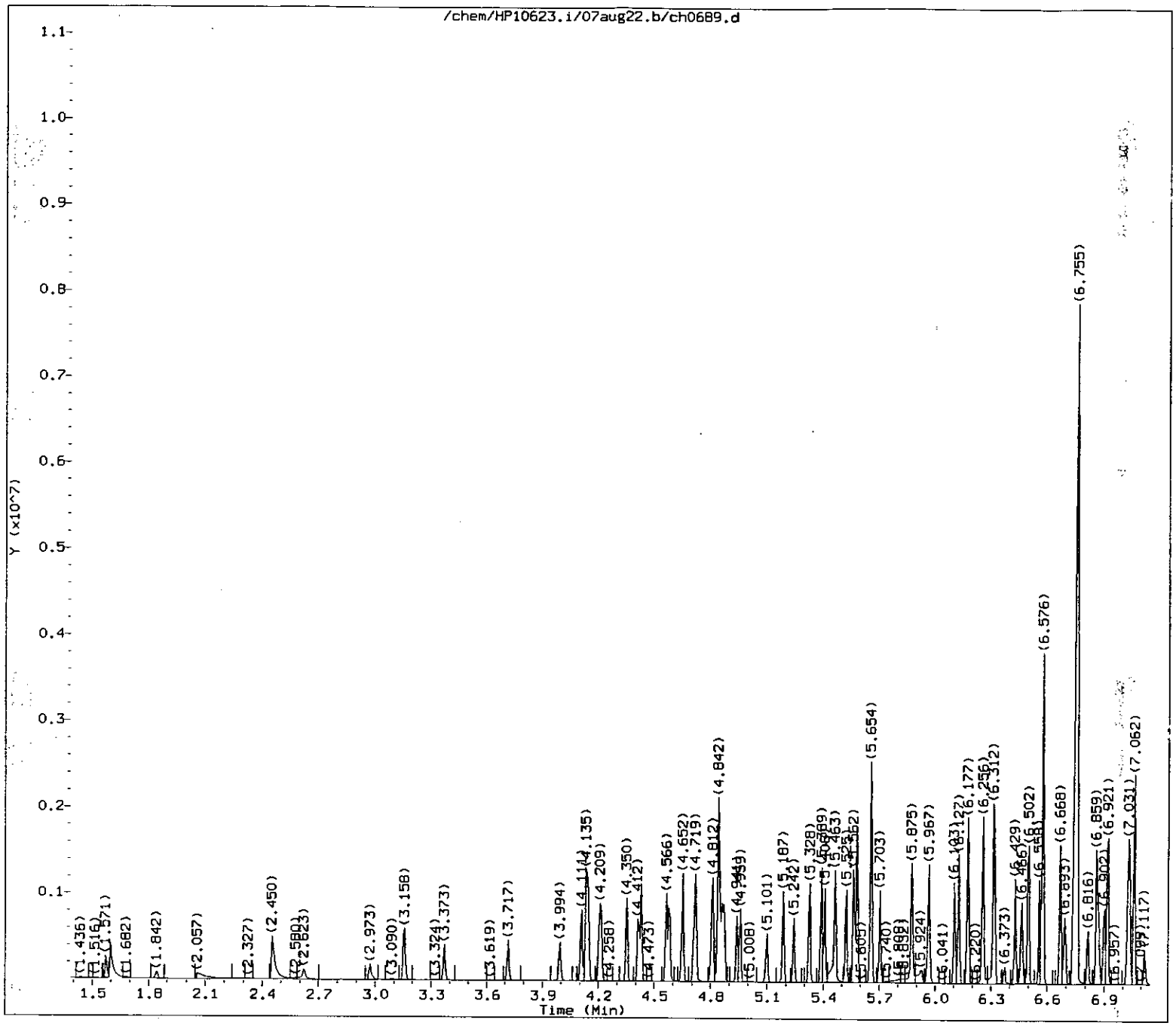
Method: SW-846 8270C File ID: ch0689.d

ICV SAMPLE ID: ICV1387 BATCH: 07AUG22026 Sample Name: SSTD050

COMPOUND NAME	TRUE CONC.	ACTUAL CONC.	% DRIFT	%D window	INSPEC
4-Bromophenyl-phenylether	50.00	48.95	-2	20	YES
Hexachlorobenzene	50.00	49.79	0	20	YES
Pentachlorophenol	50.00	45.38	-9	20	YES
Phenanthrene	50.00	50.86	2	20	YES
Dinoseb	50.00	51.65	3	20	YES
Anthracene	50.00	49.90	0	20	YES
Carbazole	50.00	51.42	3	20	YES
Methyl parathion	50.00	51.22	2	20	YES
Di-n-butylphthalate	50.00	50.99	2	20	YES
Parathion	50.00	50.63	1	20	YES
Fluoranthene	50.00	46.97	-6	20	YES
Benzidine	250.00	221.20	-12	20	YES
Pyrene	50.00	49.75	0	20	YES
Terphenyl-d14	50.00	49.54	-1	20	YES
Butylbenzylphthalate	50.00	50.55	1	20	YES
3,3'-Dichlorobenzidine	50.00	48.10	-4	20	YES
Benzo(a)anthracene	50.00	51.19	2	20	YES
4,4'-Methylenebis(2-Chloroa	50.00	45.78	-8	20	YES
Chrysene	50.00	49.24	-2	20	YES
bis(2-Ethylhexyl)phthalate	50.00	49.41	-1	20	YES
6-Methylchrysene	50.00	51.25	3	20	YES
Di-n-octylphthalate	50.00	50.20	0	20	YES
7,12-Dimethylbenz[a]anthrac	50.00	49.48	-1	20	YES
Benzo(b)fluoranthene	50.00	48.37	-3	20	YES
Benzo(k)fluoranthene	50.00	50.48	1	20	YES
Benzo(a)pyrene	50.00	49.22	-2	20	YES
3-Methylcholanthrene	50.00	48.54	-3	20	YES
Dibenz(a,h)acridine	50.00	50.45	1	20	YES
Dibenz(a,j)acridine	50.00	51.60	3	20	YES
Indeno(1,2,3-cd)pyrene	50.00	47.85	-4	20	YES
Dibenz(a,h)anthracene	50.00	51.79	4	20	YES
Benzo(g,h,i)perylene	50.00	48.97	-2	20	YES

NC = Could not calculate

Comments: _____



Quant Report

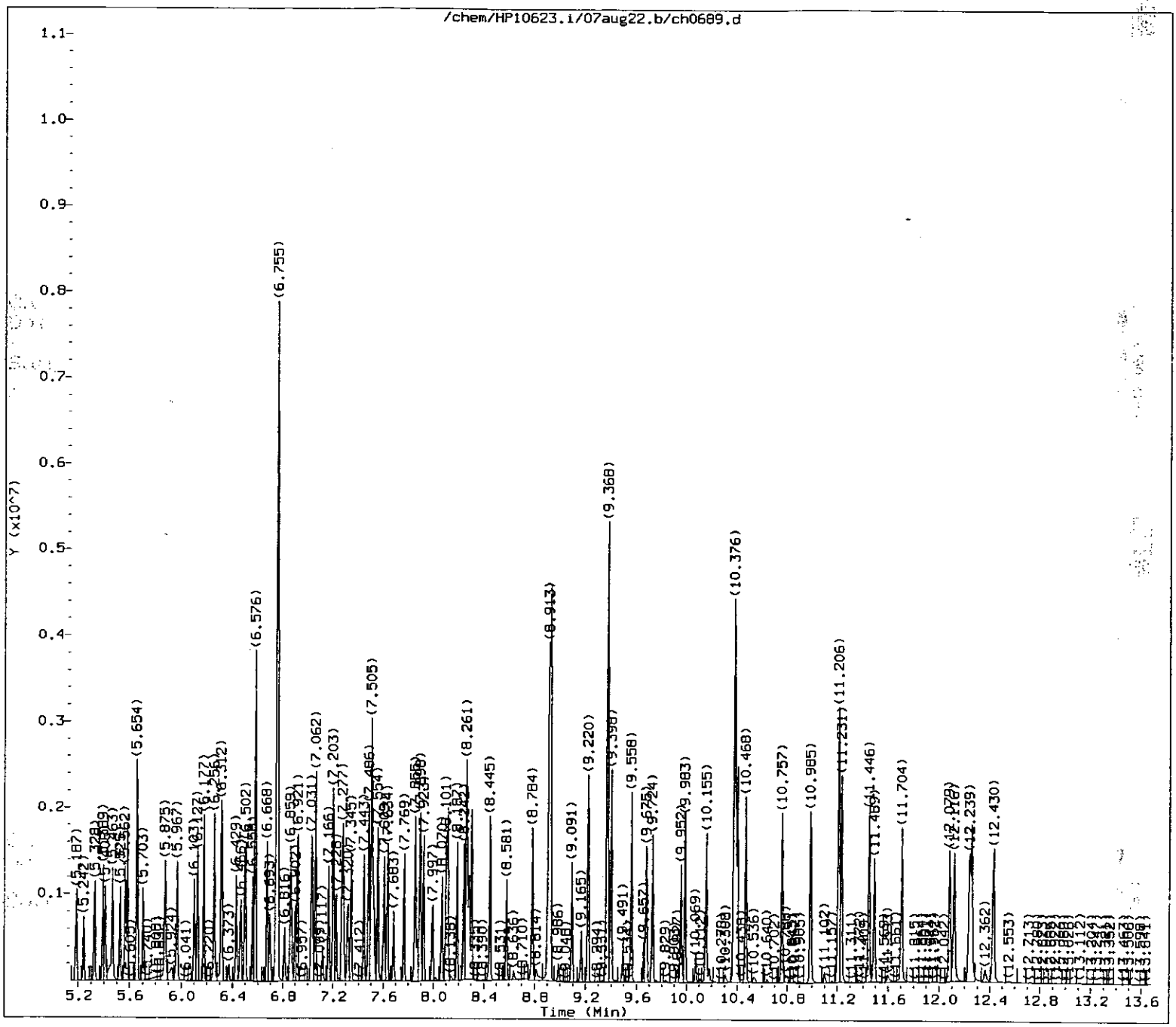
Target Revision 3.5

Data File: /chem/HP10623.i/07aug22.b/ch0689.d Instrument ID: HP10623.i
Injection date and time: 22-AUG-2007 12:58 Analyst ID: cam01237

Method used: /chem/HP10623.i/07aug22.b/m8270.m Sublist used: all1
Calibration date and time: 22-AUG-2007 12:58
Date, time and analyst ID of latest file update: 22-Aug-2007 13:38 cam01237

Sample Name: SSTD050 Lab Sample ID: ICV1387

cm 01237
8/22/07



Quant Report

Target Revision 3.5

Data File: /chem/HP10623.i/07aug22.b/ch0689.d Instrument ID: HP10623.i
Injection date and time: 22-AUG-2007 12:58 Analyst ID: cam01237

Method used: /chem/HP10623.i/07aug22.b/m8270.m Sublist used: all1
Calibration date and time: 22-AUG-2007 12:58
Date, time and analyst ID of latest file update: 22-Aug-2007 13:38 cam01237

Sample Name: SSTD050 Lab Sample ID: ICV1387

8/22/07

Quant Report

Target Revision 3.5

Data File: /chem/HP10623.i/07aug22.b/ch0689.d Instrument ID: HP10623.i
Injection date and time: 22-AUG-2007 12:58 Analyst ID: cam01237

Method used: /chem/HP10623.i/07aug22.b/m8270.m Sublist used: all1
Calibration date and time: 22-AUG-2007 12:58
Date, time and analyst ID of latest file update: 22-Aug-2007 13:38 cam01237

Sample Name: SSTD050 Lab Sample ID: ICV1387

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
2) N-Nitrosodimethylamine	(1)	1.571	74	104470	49.7518
3) Pyridine	(1)	1.596	79	196588	51.1476
5) 2-Picoline	(1)	2.450	93	217686	55.3348
15) Phenol	(1)	4.147	94	248072	50.6112
16) Aniline	(1)	4.111	93	281337	46.1397
18) bis(2-Chloroethyl)ether	(1)	4.203	93	190201	50.0508
19) 2-Chlorophenol	(1)	4.215	128	185220	49.3457
20) 1,3-Dichlorobenzene	(1)	4.350	146	196439	50.3840
21) 1,4-Dichlorobenzene-d4	(1)	4.412	152	98390	40.0000
22) 1,4-Dichlorobenzene	(1)	4.430	146	206436	51.6587
23) Benzyl alcohol	(1)	4.578	108	128797	47.6739
24) 1,2-Dichlorobenzene	(1)	4.566	146	190913	49.6887
25) 2-Methylphenol	(1)	4.719	108	171597	45.8713
26) 2,2'-oxybis(1-Chloropropane)	(1)	4.719	45	189867	59.4481
27) bis(2-Chloroisopropyl)ether	(1)	4.719	45	189867	59.4481
29) Acetophenone	(1)	4.812	105	276018	49.4111
30) N-Nitroso-di-n-propylamine	(1)	4.842	70	135362	49.2930
31) 4-Methylphenol	(1)	4.861	108	208388	49.5045
33) o-Toluidine	(1)	4.842	106	300879	47.7943
34) Hexachloroethane	(1)	4.873	117	74528	51.6196
36) Nitrobenzene	(2)	4.959	77	196257	49.1171
38) Isophorone	(2)	5.187	82	343130	43.4042
39) 2-Nitrophenol	(2)	5.242	139	109288	53.0143
40) 2,4-Dimethylphenol	(2)	5.328	107	197355	49.5752
42) bis(2-Chloroethoxy)methane	(2)	5.408	93	244291	56.5008
43) Benzoic acid	(2)	5.463	105	162401	56.7463
44) 2,4-Dichlorophenol	(2)	5.463	162	161201	48.3882
45) 1,2,4-Trichlorobenzene	(2)	5.525	180	163294	48.8360
46) Naphthalene-d8	(2)	5.562	136	446251	40.0000
47) Naphthalene	(2)	5.580	128	592886	50.6816
48) 4-Chloroaniline	(2)	5.654	127	249717	50.9653
49) 2,6-Dichlorophenol	(2)	5.654	162	151368	47.3622
51) Hexachlorobutadiene	(2)	5.703	225	82704	49.8200
52) Quinoline	(2)	5.875	129	409307	50.8272
53) Caprolactam	(2)	5.974	113	70990	50.1187
55) 4-Chloro-3-methylphenol	(2)	6.103	107	182856	49.1651
58) 2-Methylnaphthalene	(2)	6.177	142	391102	47.7738
60) 1-Methylnaphthalene	(2)	6.256	142	369914	47.1394
61) Hexachlorocyclopentadiene	(3)	6.312	237	157532	123.3437
62) 1,2,4,5-Tetrachlorobenzene	(3)	6.318	216	160459	49.8788
64) 2,4,6-Trichlorophenol	(3)	6.429	196	117024	49.4650
65) 2,4,5-Trichlorophenol	(3)	6.466	196	128705	47.6975
68) Biphenyl	(3)	6.576	154	497811	50.1689

M = Compound was manually integrated. A = User selected an alternate hit

Quant Report

Target Revision 3.5

Data File: /chem/HP10623.i/07aug22.b/ch0689.d Instrument ID: HP10623.i
Injection date and time: 22-AUG-2007 12:58 Analyst ID: cam01237

Method used: /chem/HP10623.i/07aug22.b/m8270.m Sublist used: all1
Calibration date and time: 22-AUG-2007 12:58
Date, time and analyst ID of latest file update: 22-Aug-2007 13:38 cam01237

Sample Name: SSTD050 Lab Sample ID: ICV1387

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
69) Diphenyl	(3)	6.576	154	497811	50.1689
70) 1,1'-Biphenyl	(3)	6.576	154	497811	50.1689
71) 2-Chloronaphthalene	(3)	6.558	162	201285M	20.1276
72) 1-Chloronaphthalene	(3)	6.576	162	377743M	44.5667
73) Diphenyl ether	(3)	6.668	170	252999	46.0293
74) 2-Nitroaniline	(3)	6.693	138	145929	51.0907
77) Dimethylphthalate	(3)	6.859	163	447793	48.6578
79) 2,6-Dinitrotoluene	(3)	6.902	165	109535	49.9106
80) Acenaphthylene	(3)	6.921	152	652310	57.0247
81) 3-Nitroaniline	(3)	7.025	138	122621	49.9060
82) Acenaphthene-d10	(3)	7.037	164	279611	40.0000
83) Acenaphthene	(3)	7.062	153	404119	50.7331
84) 2,4-Dinitrophenol	(3)	7.117	184	48594	45.4865
85) Pentachlorobenzene	(3)	7.166	250	157986	50.3932
86) 4-Nitrophenol	(3)	7.203	109	61243	48.8680
87) Dibenzofuran	(3)	7.203	168	547237	48.5737
88) 2,4-Dinitrotoluene	(3)	7.228	165	144869	49.7756
90) 1-Naphthylamine	(3)	7.277	143	414071	52.2998
91) 2,3,4,6-Tetrachlorophenol	(3)	7.320	232	97470	49.5352
92) 2-Naphthylamine	(3)	7.345	143	398031	49.3332
93) Diethylphthalate	(3)	7.443	149	468181	49.6973
94) Fluorene	(3)	7.486	166	480412	51.2528
96) 4-Chlorophenyl-phenylether	(3)	7.505	204	205363	49.9001
98) 4-Nitroaniline	(3)	7.529	138	128852	48.4770
99) 4,6-Dinitro-2-methylphenol	(4)	7.554	198	78247	52.5561
102) N-Nitrosodiphenylamine	(4)	7.609	169	326040	47.5546
103) 1,2-Diphenylhydrazine	(4)	7.634	77	454823	50.9238
108) Phorate	(4)	7.855	75	358857	54.7047
110) 4-Bromophenyl-phenylether	(4)	7.898	248	123905	48.9497
112) Hexachlorobenzene	(4)	7.923	284	148683	49.7876
116) Pentachlorophenol	(4)	8.101	266	77384	45.3807
120) Phenanthrene-d10	(4)	8.242	188	511364	40.0000
121) Phenanthrene	(4)	8.261	178	693491	50.8579
122) Dinoseb	(4)	8.273	211	114126	51.6513
124) Anthracene	(4)	8.304	178	704427	49.8953
125) Carbazole	(4)	8.445	167	658271	51.4207
126) Methyl parathion	(4)	8.581	109	146607	51.2212
128) Di-n-butylphthalate	(4)	8.784	149	815385	50.9881
129) Parathion	(4)	8.907	109	96301	50.6344
134) Fluoranthene	(4)	9.220	202	694446	46.9740
135) Benzidine	(5)	9.368	184	1903018	221.1999
136) Pyrene	(5)	9.398	202	735839	49.7542
143) Butylbenzylphthalate	(5)	9.983	149	364030	50.5501

M = Compound was manually integrated. A = User selected an alternate hit

Quant Report

Target Revision 3.5

Data File: /chem/HP10623.i/07aug22.b/ch0689.d Instrument ID: HP10623.i
Injection date and time: 22-AUG-2007 12:58 Analyst ID: cam01237

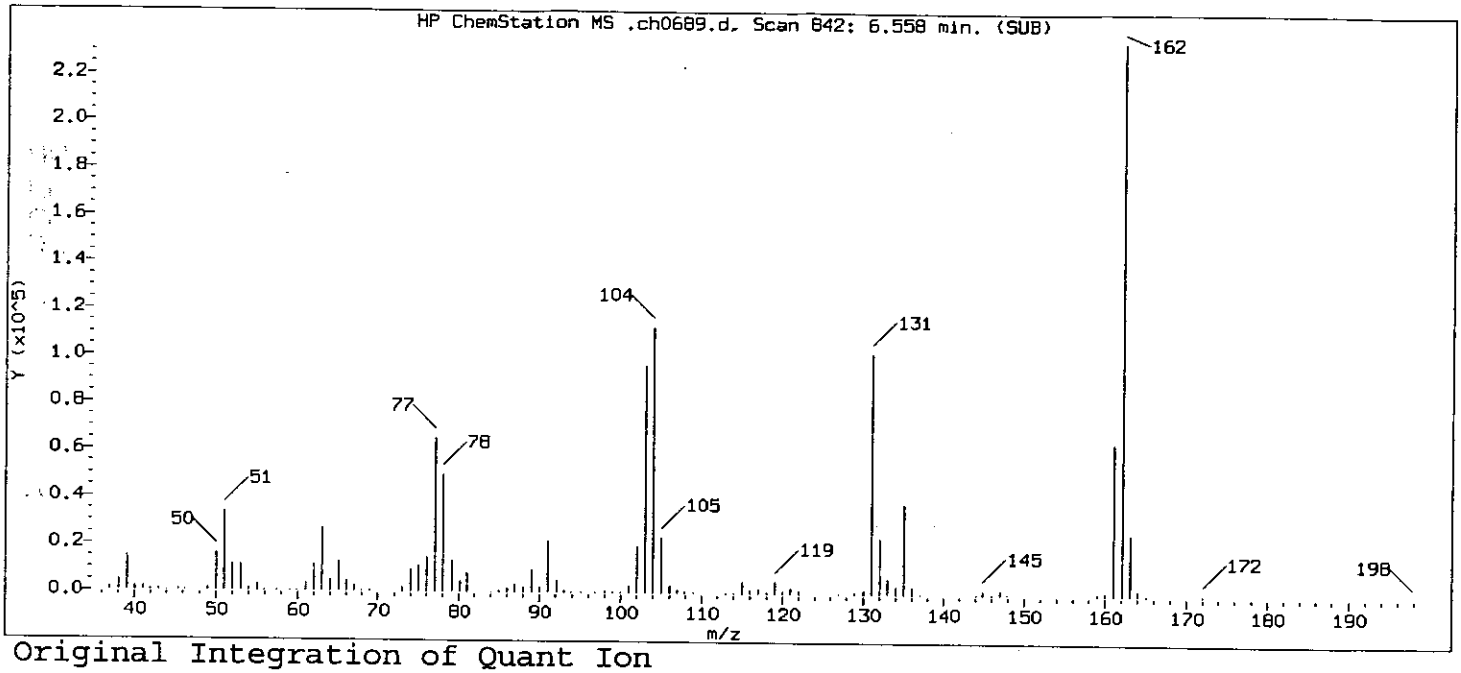
Method used: /chem/HP10623.i/07aug22.b/m8270.m Sublist used: all1
Calibration date and time: 22-AUG-2007 12:58
Date, time and analyst ID of latest file update: 22-Aug-2007 13:38 cam01237

Sample Name: SSTD050 Lab Sample ID: ICV1387

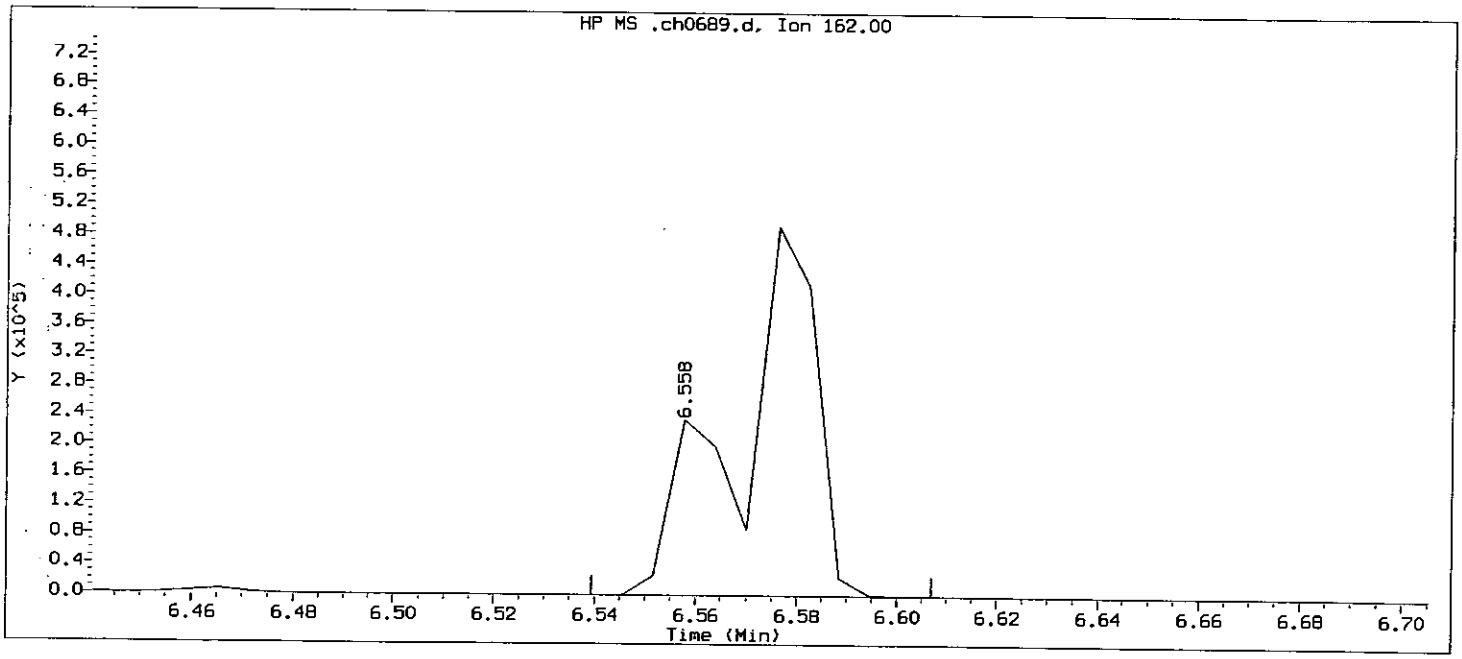
	Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
145)	3,3'-Dichlorobenzidine	(5)	10.376	252	250393	48.0989
146)	Benzo(a)anthracene	(5)	10.370	228	644842	51.1905
148)	4,4'-Methylenebis(2-Chloroanil	(5)	10.388	231	122785	45.7819
149)	Chrysene-d12	(5)	10.382	240	447917	40.0000
150)	Chrysene	(5)	10.401	228	629662	49.2427
151)	bis(2-Ethylhexyl)phthalate	(5)	10.468	149	501161	49.4090
152)	6-Methylchrysene	(5)	10.757	242	503317	51.2503
156)	Di-n-octylphthalate	(6)	10.985	149	859874	50.1969
157)	7,12-Dimethylbenz[a]anthracene	(6)	11.206	256	322735	49.4824
158)	Benzo(b)fluoranthene	(6)	11.206	252	701366	48.3679
159)	Benzo(k)fluoranthene	(6)	11.231	252	754414	50.4775
160)	Benzo(a)pyrene	(6)	11.446	252	678721	49.2244
161)	Perylene-d12	(6)	11.489	264	433379	40.0000
162)	3-Methylcholanthrene	(6)	11.704	268	372201	48.5439
166)	Dibenz(a,h)acridine	(6)	12.079	279	574226	50.4453
167)	Dibenz(a,j)acridine	(6)	12.116	279	642255	51.6046
168)	Indeno(1,2,3-cd)pyrene	(6)	12.239	276	802021	47.8539
169)	Dibenz(a,h)anthracene	(6)	12.251	278	691193	51.7860
170)	Benzo(g,h,i)perylene	(6)	12.430	276	694571	48.9674
9)	2-Fluorophenol	(1)	3.158	112	167572	48.4442
13)	Phenol-d5	(1)	4.135	99	220602	48.5751
14)	Phenol-d6	(1)	4.135	99	220602	48.5751
35)	Nitrobenzene-d5	(2)	4.941	82	188351	48.5663
66)	2-Fluorobiphenyl	(3)	6.502	172	429265	49.4984
104)	2,4,6-Tribromophenol	(3)	7.683	330	80990	49.5063
138)	Terphenyl-d14	(5)	9.558	244	500231	49.5438

M = Compound was manually integrated. A = User selected an alternate hit

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP10623.i/07aug22.b/ch0689.d Instrument ID: HP10623.i
Injection date and time: 22-AUG-2007 12:58 Analyst ID: cam01237

Method used: /chem/HP10623.i/07aug22.b/m8270.m Sublist used: all1
Calibration date and time: 22-AUG-2007 12:58
Date, time and analyst ID of latest file update: 22-Aug-2007 13:13 Automation

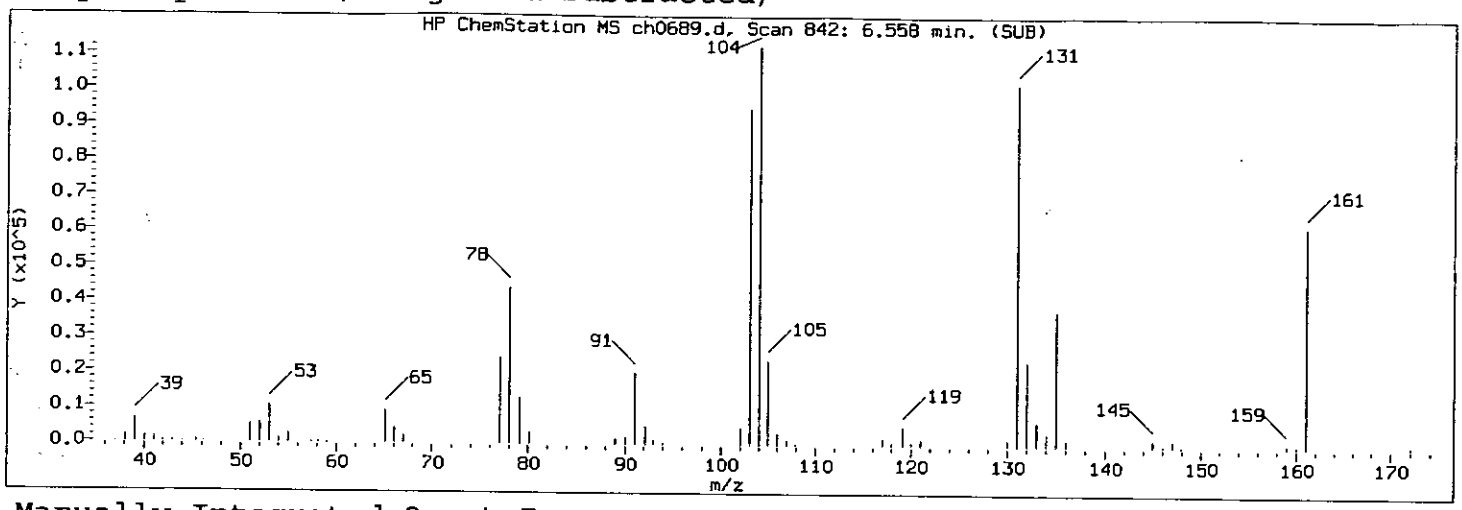
Sample Name: SSTD050 Lab Sample ID: ICV1387

Compound Number	: 71
Compound Name	: 2-Chloronaphthalene
Scan Number	: 842
Retention Time (minutes)	: 6.558
Quant Ion	: 162
Area	: 545434
Concentration (ng/ul)	: 54.5409
Integration start scan	: 838 Integration stop scan: 849
Y at integration start	: 0 Y at integration end: 0

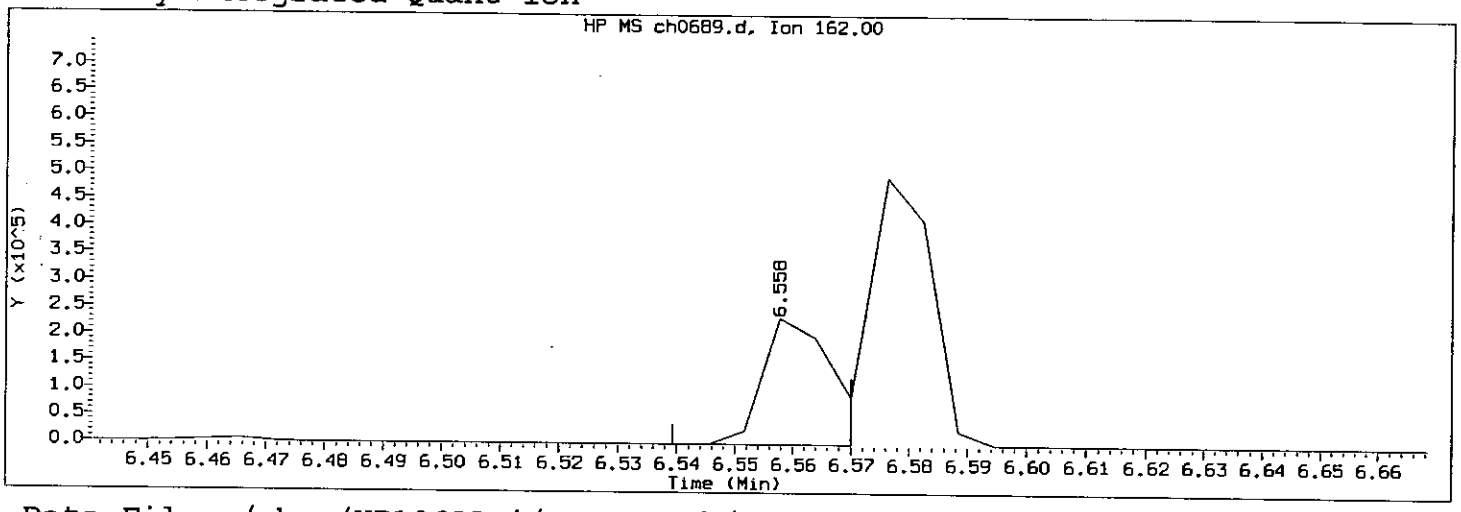
CM 01237
8/22/07
8576

Original Integration Report for data file /chem/HP10623.i/07aug22.b/ch0689.d, generated on 08/22/2007 at 13:38

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP10623.i/07aug22.b/ch0689.d Instrument ID: HP10623.i
Injection date and time: 22-AUG-2007 12:58 Analyst ID: cam01237

Method used: /chem/HP10623.i/07aug22.b/m8270.m Sublist used: all1
Calibration date and time: 22-AUG-2007 12:58
Date, time and analyst ID of latest file update: 22-Aug-2007 13:38 cam01237

Sample Name: SSTD050 Lab Sample ID: ICV1387

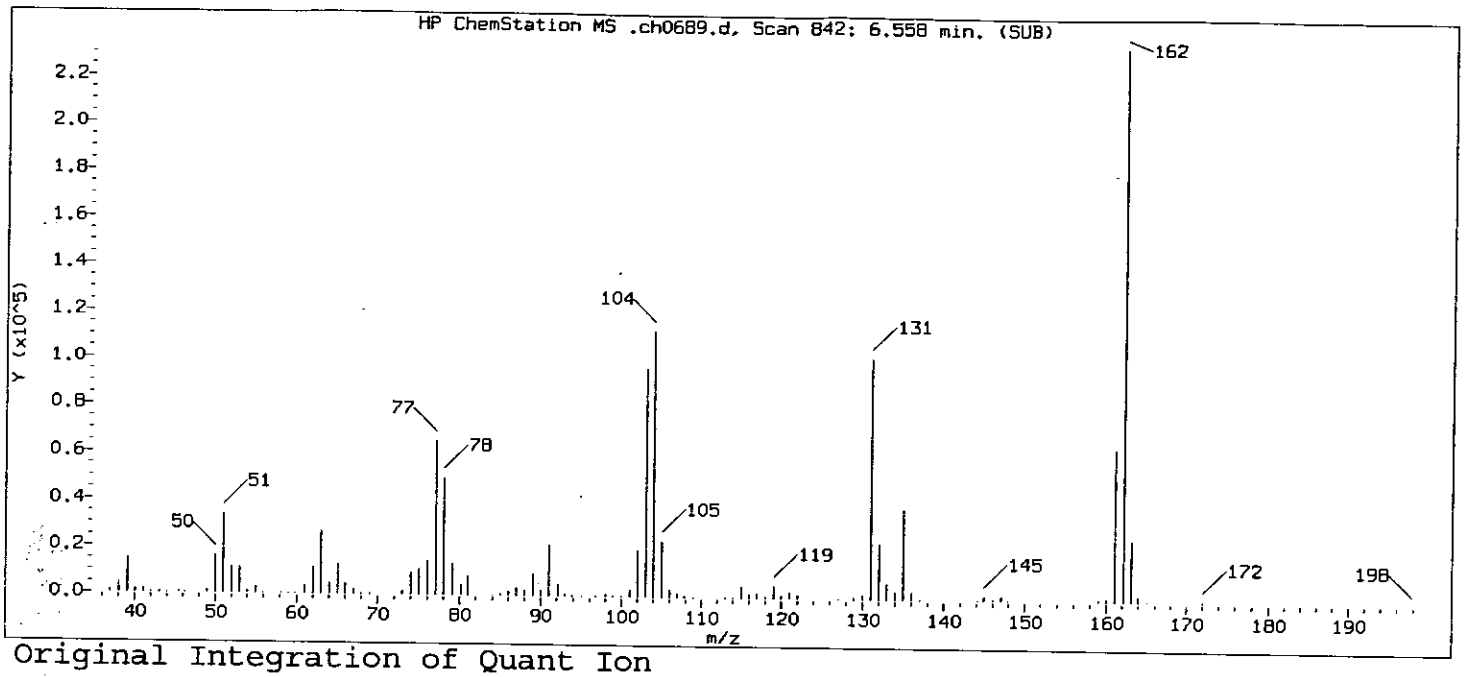
Compound Number : 71
Compound Name : 2-Chloronaphthalene
Scan Number : 842
Retention Time (minutes): 6.558
Quant Ion : 162
Area (flag) : 201285 M
Concentration (ng/ul) : 20.1276
Integration start scan : 838 Integration stop scan: 843
Y at integration start : 0 Y at integration end: 0

Reason for manual integration (circle one): missed peak (improper integration)

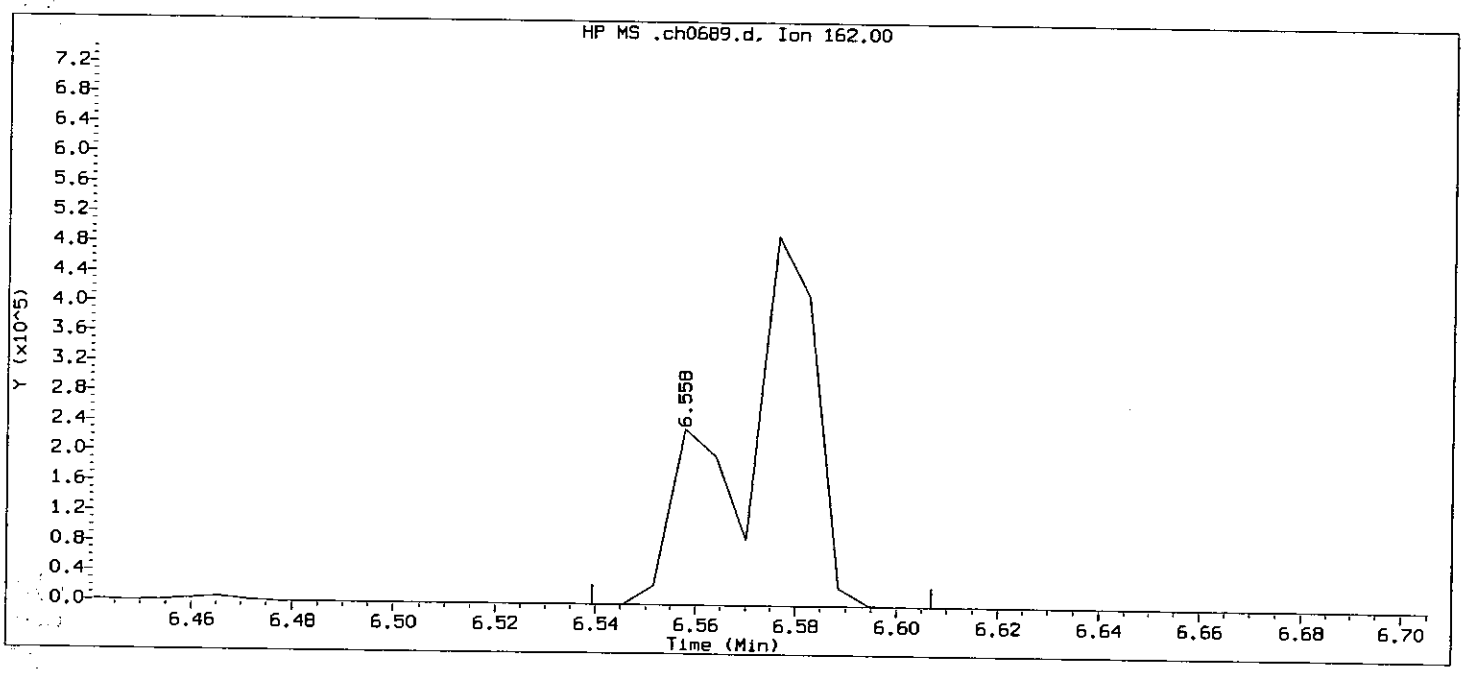
Analyst responsible for change: cm 01237 8/22/07

GC/MS audit/management approval: cmm 1412 8/22/07

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP10623.i/07aug22.b/ch0689.d Instrument ID: HP10623.i
Injection date and time: 22-AUG-2007 12:58 Analyst ID: cam01237

Method used: /chem/HP10623.i/07aug22.b/m8270.m Sublist used: all1
Calibration date and time: 22-AUG-2007 12:58
Date, time and analyst ID of latest file update: 22-Aug-2007 13:13 Automation

Sample Name: SSTD050 Lab Sample ID: ICV1387

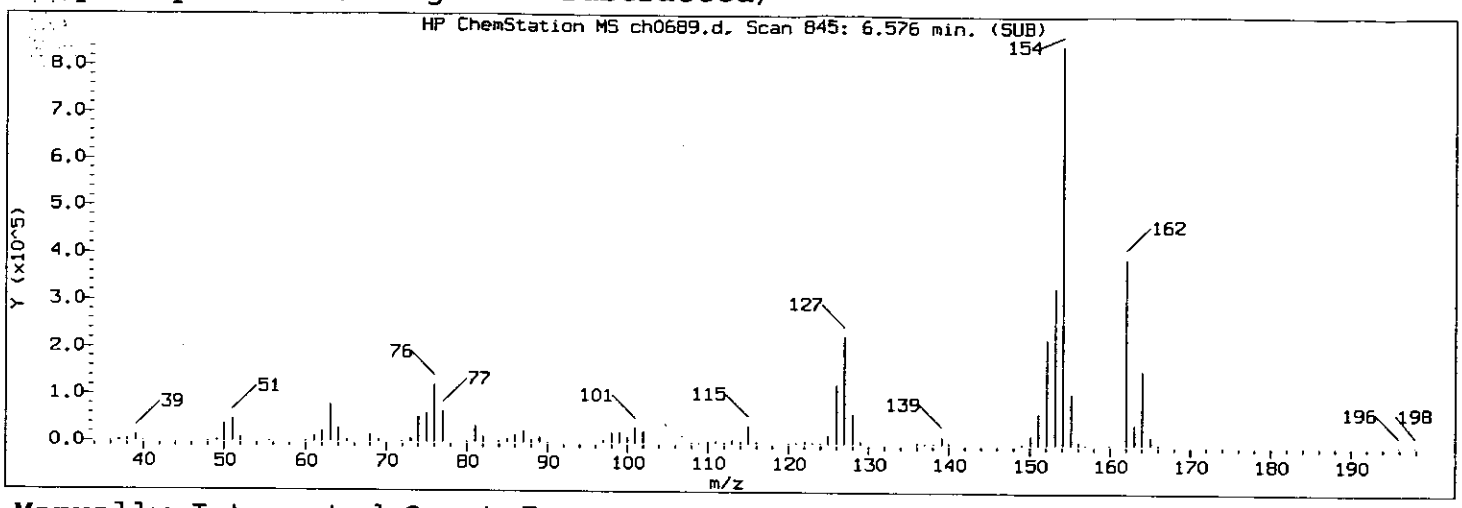
Compound Number	: 72
Compound Name	: 1-Chloronaphthalene
Scan Number	: 842
Retention Time (minutes)	: 6.558
Quant Ion	: 162
Area	: 545434
Concentration (ng/ul)	: 64.3510
Integration start scan	: 838 Integration stop scan: 849
Y at integration start	: 0 Y at integration end: 0

cam 01237
8/22/07

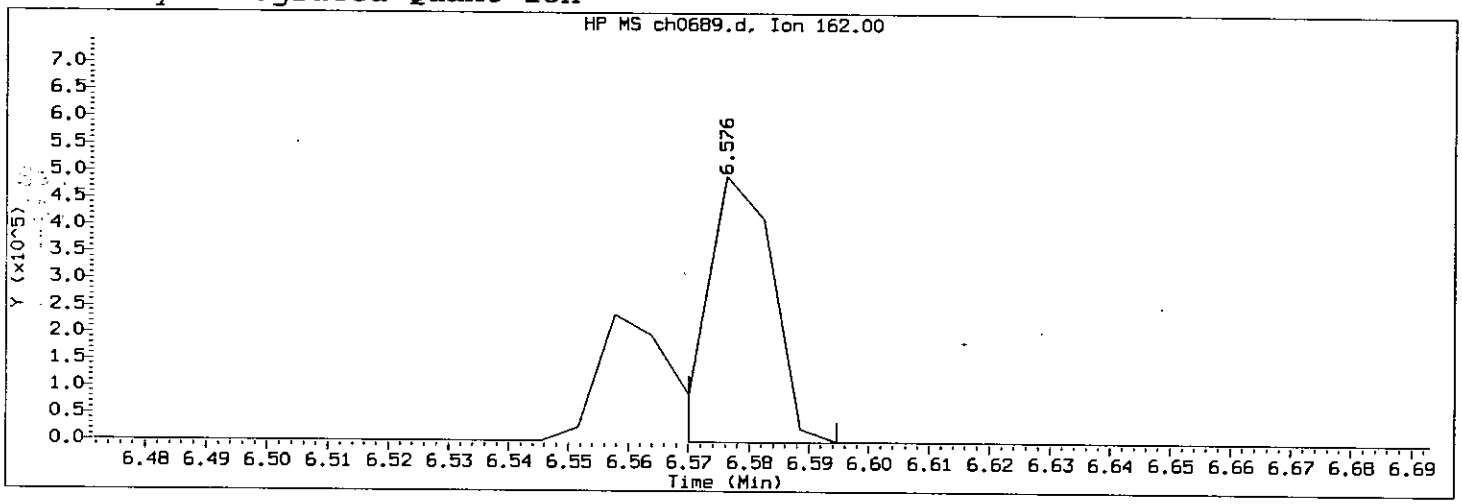
6578

Original Integration Report for data file /chem/HP10623.i/07aug22.b/ch0689.d, generated on 08/22/2007 at 13:38

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP10623.i/07aug22.b/ch0689.d Instrument ID: HP10623.i
Injection date and time: 22-AUG-2007 12:58 Analyst ID: cam01237

Method used: /chem/HP10623.i/07aug22.b/m8270.m Sublist used: all1
Calibration date and time: 22-AUG-2007 12:58
Date, time and analyst ID of latest file update: 22-Aug-2007 13:38 cam01237

Sample Name: SSTD050 Lab Sample ID: ICV1387

Compound Number	: 72		
Compound Name	: 1-Chloronaphthalene		
Scan Number	: 845		
Retention Time (minutes)	: 6.576		
Quant Ion	: 162		
Area (flag)	: 377743	M	
Concentration (ng/ul)	: 44.5667		
Integration start scan	: 843	Integration stop scan:	847
Y at integration start	: -751	Y at integration end:	-751

Reason for manual integration (circle one): missed peak improper integration

Analyst responsible for change: Cam 01237 8/22/07

GC/MS audit/management approval: Cmq 412 8/22/07

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Instrument ID: HP11165 Calibration Date(s): 08/29/07 08/29/07

Calibration Times: 16:19 18:22

Min $\overline{RRF}$ for SPCC(#) = 0.050 Max %RSD for CCC(*) = 30%

LAB FILE ID: RRF5 = gh1036.d RRF15 = gh1035.d RRF30 = gh1031a.d
RRF50 = gh1034.d RRF80 = gh1033.d RRF120 = gh1032.d

COMPOUND		RRF5	RRF15	RRF30	RRF50	RRF80	RRF120	RRF	$\overline{RRF}$	% RSD	CAL. METHOD	
1,4-Dioxane		0.822	0.696	0.755	0.752	0.748	0.736		0.752	5	AVG	
N-Nitrosodimethylamine		1.092	1.078	1.181	1.243	1.250	1.245		1.181	7	AVG	
Pyridine		2.153	1.841	2.215	2.052	2.093	2.311		2.111	8	AVG	
2-Picoline		2.043	1.869	2.032	2.008	2.086	2.133		2.028	4	AVG	
N-Nitrosomethylethylamine		1.073	0.931	0.978	0.981	1.009	1.008		0.997	5	AVG	
Methyl methanesulfonate		0.722	0.713	0.746	0.770	0.790	0.799		0.757	5	AVG	
N-Nitrosodiethylamine		0.905	0.857	0.940	0.942	0.954	0.963		0.927	4	AVG	
Ethyl methanesulfonate		0.877	0.838	0.906	0.916	0.923	0.920		0.897	4	AVG	
Aniline		3.226	3.002	3.216	3.284	3.272	3.291		3.215	3	AVG	
Phenol	*	2.540	2.417	2.602	2.652	2.594	2.563		2.561	3	AVG	*
Pentachloroethane		0.540	0.499	0.509	0.526	0.518	0.492		0.514	3	AVG	
bis(2-Chloroethyl)ether		2.097	1.899	2.041	2.049	2.040	2.021		2.025	3	AVG	
2-Chlorophenol		1.610	1.489	1.596	1.628	1.650	1.620		1.599	4	AVG	
1,3-Dichlorobenzene		1.548	1.470	1.545	1.524	1.534	1.505		1.521	2	AVG	
1,4-Dichlorobenzene	*	1.621	1.519	1.568	1.573	1.584	1.543		1.568	2	AVG	*
Benzyl alcohol		1.310	1.259	1.304	1.247	1.342	1.364		1.304	3	AVG	
1,2-Dichlorobenzene		1.532	1.425	1.493	1.485	1.445	1.435		1.469	3	AVG	
2-Methylphenol		1.725	1.684	1.802	1.839	1.860	1.821		1.789	4	AVG	
2,2'-oxybis(1-Chloropropane)		2.043	1.842	1.901	1.895	1.920	1.886		1.915	4	AVG	
bis(2-Chloroisopropyl)ether		2.043	1.842	1.901	1.895	1.920	1.886		1.915	4	AVG	
N-Nitrosopyrrolidine		1.014	0.976	1.053	1.060	1.050	1.053		1.034	3	AVG	
Acetophenone		2.635	2.396	2.581	2.566	2.560	2.554		2.549	3	AVG	
N-Nitroso-di-n-propylamine	#	1.636	1.428	1.530	1.507	1.431	1.375		1.485	6	AVG	#
N-Nitrosomorpholine		1.123	1.035	1.071	1.032	1.013	1.000		1.046	4	AVG	
4-Methylphenol		2.046	1.936	2.047	2.005	1.977	1.918		1.988	3	AVG	
o-Toluidine		3.069	2.829	3.025	2.957	2.869	2.786		2.923	4	AVG	
Hexachloroethane		0.638	0.583	0.623	0.622	0.623	0.615		0.617	3	AVG	
Nitrobenzene		0.477	0.431	0.459	0.487	0.476	0.474		0.467	4	AVG	
N-Nitrosopiperidine		0.236	0.206	0.225	0.229	0.229	0.223		0.225	4	AVG	
Isophorone		1.021	0.935	1.014	1.013	1.000	0.992		0.996	3	AVG	
2-Nitrophenol	*	0.152	0.147	0.157	0.173	0.170	0.171		0.161	7	AVG	*
2,4-Dimethylphenol		0.422	0.404	0.425	0.435	0.419	0.416		0.420	2	AVG	
O,O,O-triethylphosphorothioate		0.179	0.163	0.168	0.170	0.171	0.165		0.169	3	AVG	
bis(2-Chloroethoxy)methane		0.516	0.462	0.501	0.484	0.494	0.472		0.488	4	AVG	
Benzoic acid		0.256	0.266	0.244	0.257	0.275	0.278		0.263	5	AVG	
2,4-Dichlorophenol	*	0.275	0.268	0.284	0.291	0.284	0.282		0.280	3	AVG	*
1,2,4-Trichlorobenzene		0.306	0.264	0.284	0.286	0.278	0.275		0.282	5	AVG	
Naphthalene		1.188	1.071	1.131	1.156	1.144	1.116		1.134	3	AVG	
4-Chloroaniline		0.519	0.463	0.481	0.473	0.436	0.423		0.466	7	AVG	
2,6-Dichlorophenol		0.285	0.257	0.270	0.273	0.265	0.254		0.267	4	AVG	
Hexachloropropene		0.172	0.150	0.157	0.171	0.166	0.159		0.162	5	AVG	
Hexachlorobutadiene	*	0.162	0.142	0.149	0.153	0.152	0.150		0.151	4	AVG	*
Caprolactam		0.161	0.146	0.166	0.168	0.165	0.166		0.162	5	AVG	
N-Nitrosodi-n-butylamine		0.470	0.426	0.460	0.384	0.343	0.338		0.403	14	AVG	
4-Chloro-3-methylphenol	*	0.379	0.374	0.373	0.391	0.381	0.379		0.380	2	AVG	*
Safrole		0.289	0.262	0.282	0.283	0.271	0.269		0.276	4	AVG	
2-Methylnaphthalene		0.760	0.680	0.740	0.738	0.728	0.693		0.723	4	AVG	
1-Methylnaphthalene		0.740	0.672	0.701	0.720	0.689	0.669		0.698	4	AVG	
Hexachlorocyclopentadiene	#	0.087	0.114	0.139	0.164	0.179	0.182		0.144	26	1STDEG	#
1,2,4,5-Tetrachlorobenzene		0.519	0.465	0.482	0.485	0.478	0.466		0.482	4	AVG	
cis-Isosafrole		0.486	0.424	0.466	0.479	0.467	0.467		0.465	5	AVG	
2,4,6-Trichlorophenol	*	0.322	0.316	0.342	0.343	0.344	0.335		0.334	4	AVG	*

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SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Instrument ID: HP11165 Calibration Date(s): 08/29/07 08/29/07

Calibration Times: 16:19 18:22

Min $\overline{RRF}$ for SPCC(#) = 0.050 Max %RSD for CCC(*) = 30%

LAB FILE ID: RRF5 = gh1036.d RRF15 = gh1035.d RRF30 = gh1031a.d
RRF50 = gh1034.d RRF80 = gh1033.d RRF120 = gh1032.d

COMPOUND	RRF5	RRF15	RRF30	RRF50	RRF80	RRF120	RRF	$\overline{RRF}$	% RSD	CAL. METHOD
2,4,5-Trichlorophenol	0.370	0.367	0.388	0.411	0.402	0.400		0.390	5	AVG
trans-Isosafrole	0.637	0.574	0.601	0.611	0.589	0.589		0.600	4	AVG
Isosafrole	0.567	0.511	0.535	0.544	0.524	0.524		0.534	4	AVG
Biphenyl	1.657	1.481	1.543	1.516	1.458	1.404		1.510	6	AVG
Diphenyl	1.657	1.481	1.543	1.516	1.458	1.404		1.510	6	AVG
1,1'-Biphenyl	1.657	1.481	1.543	1.516	1.458	1.404		1.510	6	AVG
2-Chloronaphthalene	1.456	1.166	1.154	1.481	1.138	1.367		1.294	12	AVG
Diphenyl ether	0.866	0.801	0.846	0.851	0.827	0.803		0.832	3	AVG
2-Nitroaniline	0.339	0.345	0.349	0.403	0.408	0.400		0.374	9	AVG
1,4-Naphthoquinone	0.437	0.467	0.490	0.487	0.468	0.458		0.468	4	AVG
1,4-Dinitrobenzene	0.120	0.138	0.136	0.180	0.191	0.187		0.159	19	1STDEG
Dimethylphthalate	1.393	1.272	1.337	1.331	1.307	1.274		1.319	3	AVG
1,3-Dinitrobenzene	0.164	0.184	0.189	0.228	0.232	0.229		0.205	14	AVG
2,6-Dinitrotoluene	0.260	0.262	0.278	0.302	0.299	0.296		0.283	7	AVG
Acenaphthylene	1.825	1.736	1.840	1.845	1.794	1.756		1.799	3	AVG
3-Nitroaniline	0.319	0.317	0.325	0.366	0.370	0.361		0.343	7	AVG
Acenaphthene *	1.244	1.174	1.241	1.204	1.198	1.151		1.202	3	AVG *
2,4-Dinitrophenol #	0.072	0.090	0.083	0.113	0.122	0.125		0.101	22	1STDEG #
Pentachlorobenzene	0.484	0.459	0.468	0.485	0.476	0.467		0.473	2	AVG
4-Nitrophenol #	0.168	0.184	0.188	0.214	0.221	0.222		0.199	11	AVG #
Dibenzofuran	1.875	1.720	1.788	1.799	1.745	1.697		1.771	4	AVG
2,4-Dinitrotoluene	0.304	0.326	0.327	0.377	0.382	0.379		0.349	10	AVG
1-Naphthylamine	1.356	1.270	1.337	1.328	1.264	1.212		1.295	4	AVG
2,3,4,6-Tetrachlorophenol	0.260	0.264	0.275	0.280	0.290	0.286		0.276	4	AVG
2-Naphthylamine	1.395	1.292	1.399	1.368	1.291	1.278		1.337	4	AVG
Diethylphthalate	1.492	1.382	1.450	1.444	1.409	1.391		1.428	3	AVG
Thionazin	0.334	0.302	0.311	0.305	0.288	0.278		0.303	6	AVG
Fluorene	1.520	1.402	1.448	1.471	1.422	1.351		1.436	4	AVG
4-Chlorophenyl-phenylether	0.727	0.644	0.664	0.668	0.631	0.616		0.658	6	AVG
5-Nitro-o-toluidine	0.356	0.362	0.380	0.423	0.424	0.421		0.394	8	AVG
4-Nitroaniline	0.348	0.360	0.386	0.405	0.403	0.400		0.384	6	AVG
4,6-Dinitro-2-methylphenol	0.059	0.065	0.073	0.091	0.097	0.094		0.080	21	1STDEG
1-Nitronaphthalene	0.131	0.129	0.140	0.145	0.141	0.136		0.137	5	AVG
N-Nitrosodiphenylamine (1) *	0.555	0.524	0.555	0.557	0.529	0.514		0.539	4	AVG *
1,2-Diphenylhydrazine	0.965	0.909	0.999	0.964	0.941	0.919		0.949	4	AVG
Tetraethyldithiopyrophosphate	0.135	0.128	0.134	0.130	0.126	0.120		0.129	4	AVG
1,3,5-Trinitrobenzene	0.029	0.035	0.037	0.056	0.060	0.062		0.046	31	1STDEG
Diallate (peak 1)	0.449	0.413	0.435	0.423	0.413	0.402		0.422	4	AVG
Phorate	0.667	0.651	0.703	0.722	0.704	0.692		0.690	4	AVG
Phenacetin	0.404	0.394	0.440	0.439	0.418	0.396		0.415	5	AVG
4-Bromophenyl-phenylether	0.192	0.187	0.196	0.196	0.192	0.186		0.191	2	AVG
Diallate (peak 2)	0.439	0.405	0.445	0.434	0.429	0.423		0.429	3	AVG
Hexachlorobenzene	0.201	0.192	0.201	0.202	0.199	0.196		0.199	2	AVG
Dimethoate	0.354	0.344	0.364	0.334	0.298	0.287		0.330	9	AVG
Diallate TRANS/CIS	0.446	0.411	0.437	0.425	0.417	0.407		0.424	4	AVG
Pentachlorophenol *	0.090	0.084	0.106	0.101	0.110	0.114		0.101	12	AVG *
Pentachloronitrobenzene	0.071	0.069	0.072	0.073	0.073	0.070		0.071	2	AVG
4-Aminobiphenyl	0.648	0.591	0.636	0.610	0.579	0.541		0.601	7	AVG
Pronamide	0.299	0.287	0.315	0.308	0.303	0.291		0.301	3	AVG
Dinoseb	0.072	0.086	0.094	0.130	0.136	0.137		0.109	26	1STDEG
Phenanthrene	1.076	0.995	1.039	1.024	0.990	0.947		1.012	4	AVG
Anthracene	1.103	1.030	1.099	1.081	1.043	1.009		1.061	4	AVG

(1) Cannot be separated from Diphenylamine

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SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Instrument ID: HP11165 Calibration Date(s): 08/29/07 08/29/07

Calibration Times: 16:19 18:22

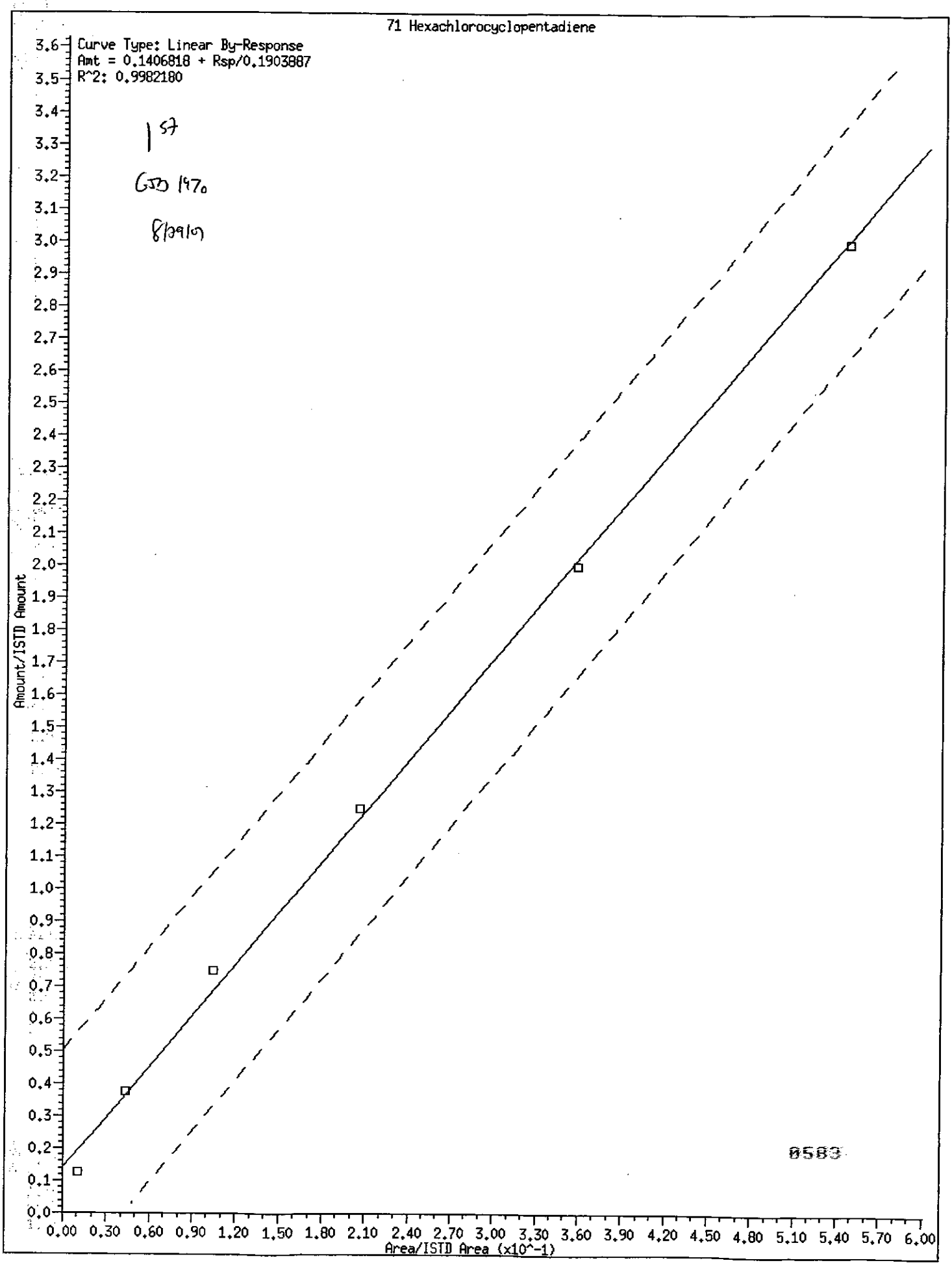
Min $\overline{RRF}$ for SPCC(#) = 0.050 Max %RSD for CCC(*) = 30%

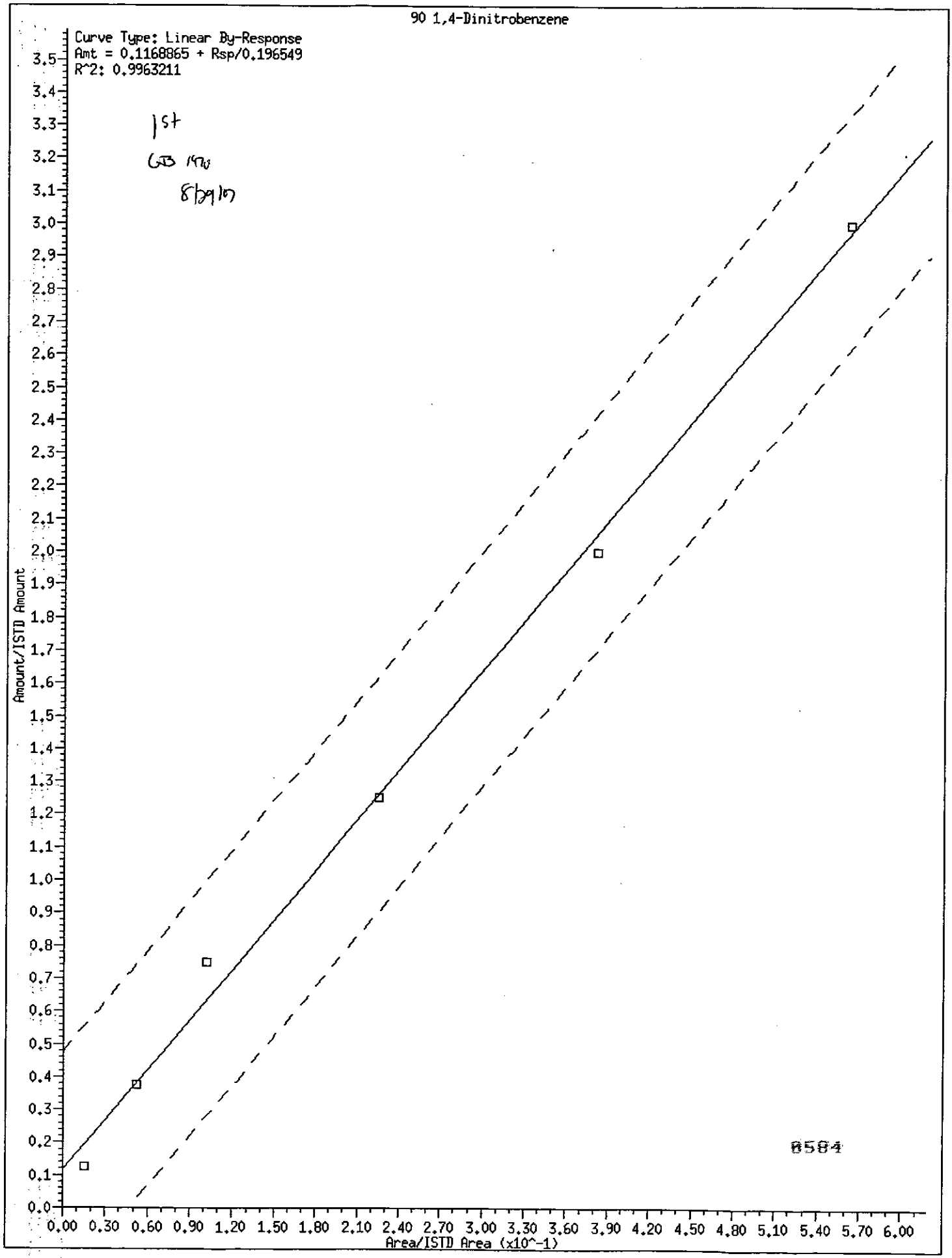
LAB FILE ID: RRF5 = gh1036.d RRF15 = gh1035.d RRF30 = gh1031a.d
RRF50 = gh1034.d RRF80 = gh1033.d RRF120 = gh1032.d

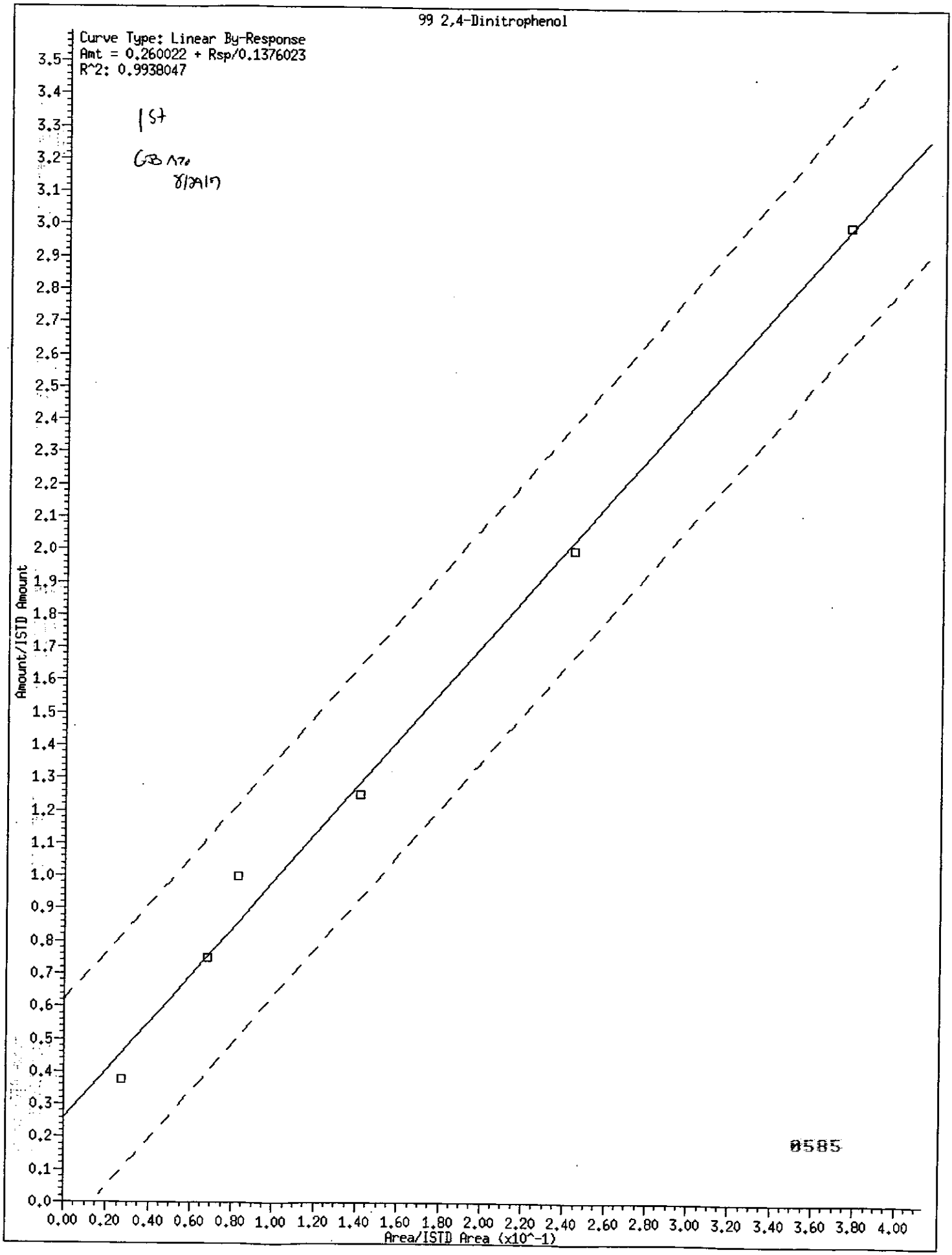
	COMPOUND	RRF5	RRF15	RRF30	RRF50	RRF80	RRF120	RRF	$\overline{RRF}$	% RSD	CAL. METHOD	
	Carbazole	1.066	0.996	1.069	1.073	1.045	1.026		1.046	3	AVG	
	Methyl parathion	0.157	0.184	0.201	0.211	0.196	0.189		0.190	10	AVG	
	Di-n-butylphthalate	1.278	1.213	1.315	1.304	1.252	1.224		1.264	3	AVG	
	Parathion	0.098	0.118	0.131	0.153	0.151	0.150		0.133	17	1STOEG	
	4-Nitroquinoline-1-oxide	0.020	0.034	0.039	0.060	0.061	0.058		0.045	37	1STDEG	
	Methapyrilene	0.426	0.385	0.365	0.318	0.278	0.267		0.340	18	2NDDEG	
	Isodrin	0.112	0.105	0.111	0.107	0.103	0.102		0.107	4	AVG	
*	Fluoranthene	1.230	1.155	1.248	1.235	1.216	1.194		1.213	3	AVG	*
	Benzidine	0.630	0.675	0.799	0.783	0.763	0.741		0.732	9	AVG	
	Pyrene	1.322	1.272	1.391	1.404	1.415	1.409		1.369	4	AVG	
	p-Dimethylaminoazobenzene	0.267	0.263	0.282	0.299	0.300	0.296		0.284	6	AVG	
	Chlorobenzilate	0.351	0.349	0.387	0.397	0.394	0.380		0.376	6	AVG	
	3,3'-Dimethylbenzidine	0.505	0.524	0.653	0.680	0.672	0.664		0.616	13	AVG	
	Butylbenzylphthalate	0.604	0.588	0.636	0.641	0.636	0.617		0.620	3	AVG	
	2-Acetylaminofluorene	0.354	0.396	0.485	0.488	0.523	0.515		0.460	15	1STDEG	
	3,3'-Dichlorobenzidine	0.400	0.404	0.456	0.470	0.470	0.454		0.442	7	AVG	
	4,4'-Methylenebis(2-Chloroanil	0.204	0.196	0.212	0.227	0.223	0.210		0.212	5	AVG	
	Benzo(a)anthracene	1.236	1.174	1.247	1.252	1.272	1.203		1.231	3	AVG	
	Chrysene	1.252	1.126	1.226	1.242	1.237	1.257		1.223	4	AVG	
	bis(2-Ethylhexyl)phthalate	0.840	0.817	0.889	0.889	0.894	0.866		0.866	4	AVG	
	6-Methylchrysene	0.796	0.766	0.840	0.857	0.869	0.880		0.835	5	AVG	
*	Di-n-octylphthalate	1.577	1.548	1.808	1.814	1.775	1.719		1.707	7	AVG	*
	Dibenz(a,h)acridine	1.125	1.097	1.198	1.228	1.234	1.232		1.186	5	AVG	
	Dibenz(a,j)acridine	1.071	1.006	1.134	1.154	1.146	1.149		1.110	5	AVG	
	7,12-Dimethylbenz[a]anthracene	0.684	0.659	0.710	0.734	0.730	0.715		0.705	4	AVG	
	Hexabromobenzene								0.000	0	AVG	
	Benzo(b)fluoranthene	1.521	1.424	1.522	1.577	1.505	1.696		1.541	6	AVG	
	Ronnel	0.246	0.236	0.239	0.236	0.221	0.211		0.231	5	AVG	
	Benzo(k)fluoranthene	1.586	1.456	1.548	1.525	1.540	1.440		1.516	4	AVG	
*	Benzo(a)pyrene	1.314	1.270	1.392	1.429	1.428	1.398		1.372	5	AVG	*
	3-Methylcholanthrene	0.668	0.654	0.728	0.748	0.738	0.730		0.711	6	AVG	
	Indeno(1,2,3-cd)pyrene	1.572	1.459	1.637	1.668	1.657	1.644		1.606	5	AVG	
	Dibenz(a,h)anthracene	1.256	1.216	1.325	1.338	1.332	1.322		1.298	4	AVG	
	Benzo(g,h,i)perylene	1.329	1.231	1.390	1.395	1.385	1.397		1.355	5	AVG	
	1-Chloronaphthalene	1.136	1.051	1.168	1.093	1.078	1.014		1.090	5	AVG	
	2-Fluorophenol	1.679	1.584	1.704	1.731	1.752	1.762		1.702	4	AVG	
	Phenol-d5	2.369	2.242	2.409	2.459	2.464	2.458		2.400	4	AVG	
	Phenol-d6	2.369	2.242	2.409	2.459	2.464	2.458		2.400	4	AVG	
	Nitrobenzene-d5	0.425	0.406	0.433	0.459	0.458	0.456		0.440	5	AVG	
	2-Fluorobiphenyl	1.367	1.272	1.341	1.325	1.321	1.267		1.316	3	AVG	
	2,4,6-Tribromophenol	0.158	0.151	0.159	0.171	0.173	0.176		0.165	6	AVG	
	Terphenyl-d14	0.793	0.751	0.814	0.846	0.863	0.849		0.819	5	AVG	
								Average %RSD		6		

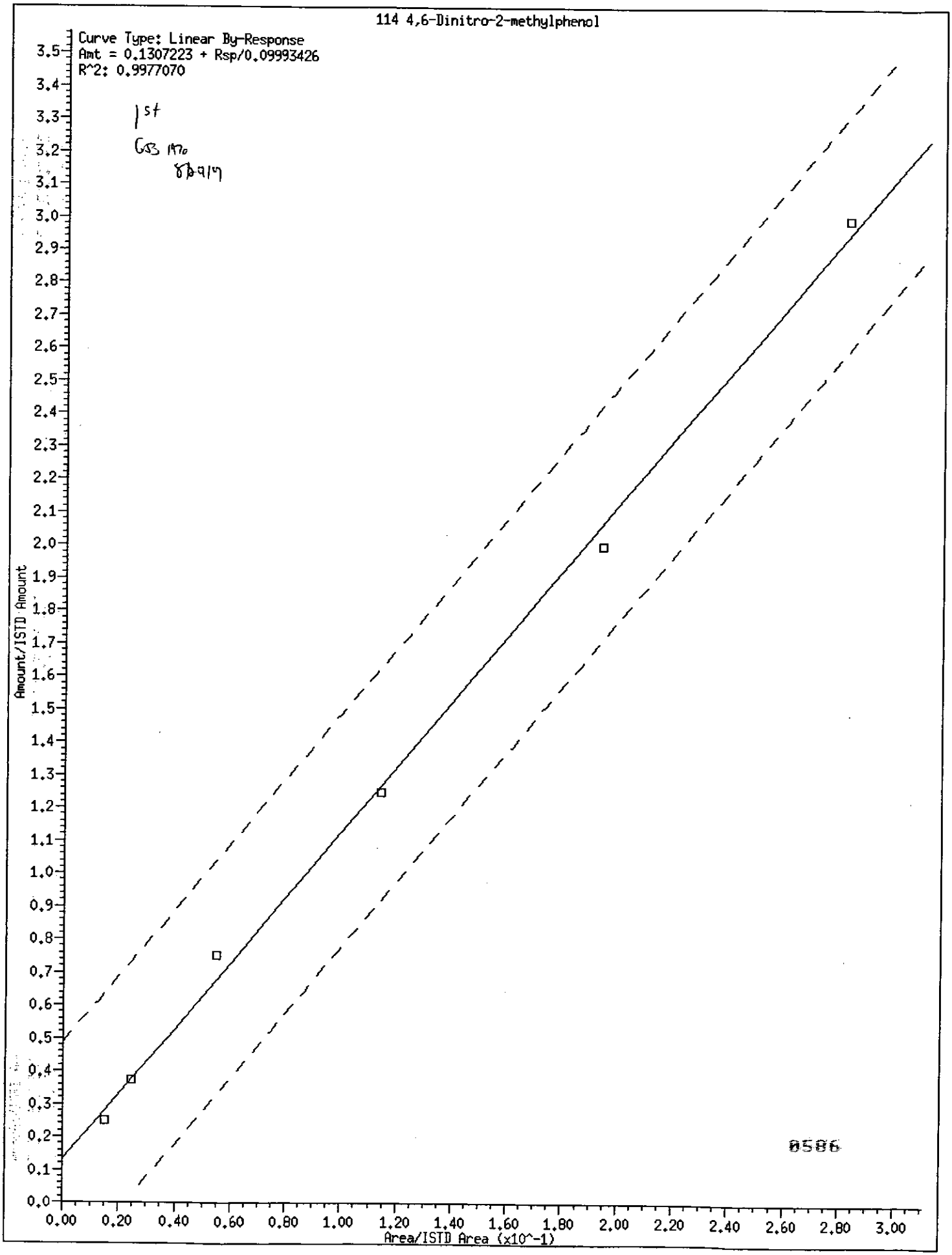
4,6-Dinitro-2-methylphenol and 4-Nitrophenol are at 10 ng/ul in the 5 standard.
Benzoic acid, Pentachlorophenol and 2,4-Dinitrophenol are at 15 ng/ul in the 5 standard.
Benzidine Levels in the 5,15,30,50,80,120 standards are 15,45,90,150,240,360 ng/ul, respectively.
Benzoic acid, Pentachlorophenol and 2,4-Dinitrophenol are at 15 ng/ul, 30 ng/ul,40 ng/ul in the 5 ,15, 30 standards.

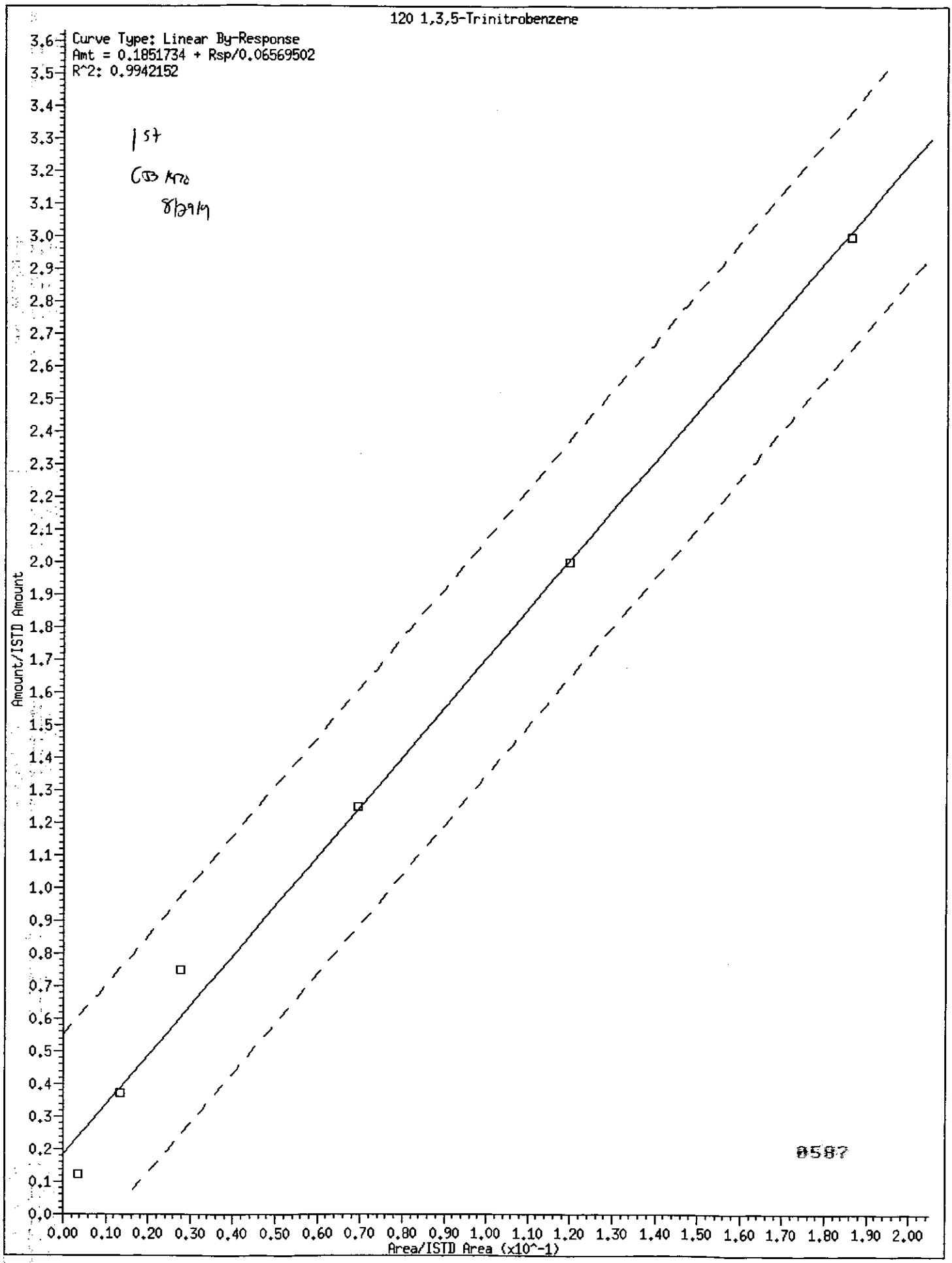
FORM VI SV-1

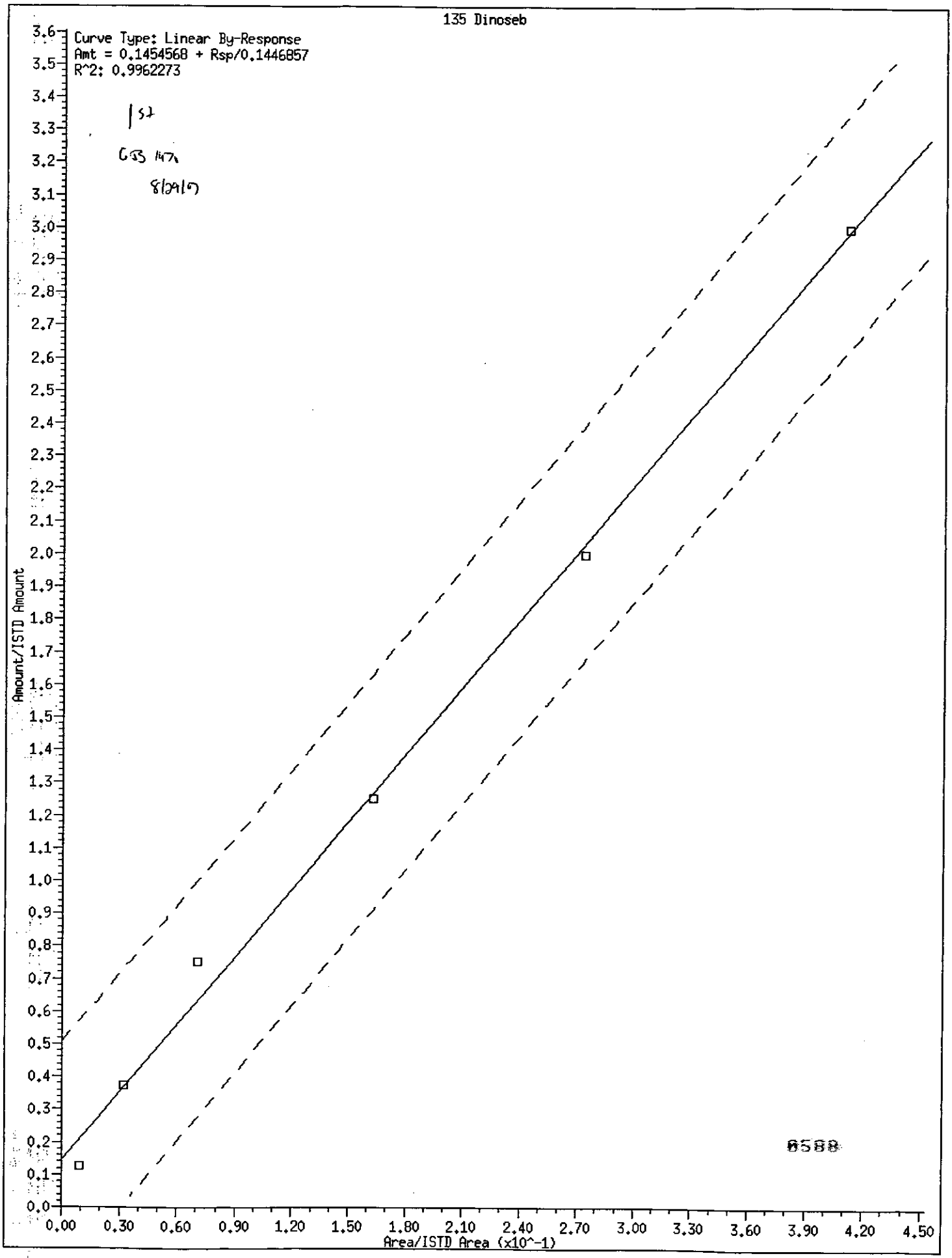

71 Hexachlorocyclopentadiene
Curve Type: Linear By-Response
Amt = 0.1406818 + Rsp/0.1903887
R^2: 0.9982180
1st
GJD 1970
8/29/19
Amount/ISTD Amount
Area/ISTD Area (x10^-1)
0.0 0.1 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9 1.0 1.1 1.2 1.3 1.4 1.5 1.6 1.7 1.8 1.9 2.0 2.1 2.2 2.3 2.4 2.5 2.6 2.7 2.8 2.9 3.0 3.1 3.2 3.3 3.4 3.5 3.6
0.00 0.30 0.60 0.90 1.20 1.50 1.80 2.10 2.40 2.70 3.00 3.30 3.60 3.90 4.20 4.50 4.80 5.10 5.40 5.70 6.00
0583

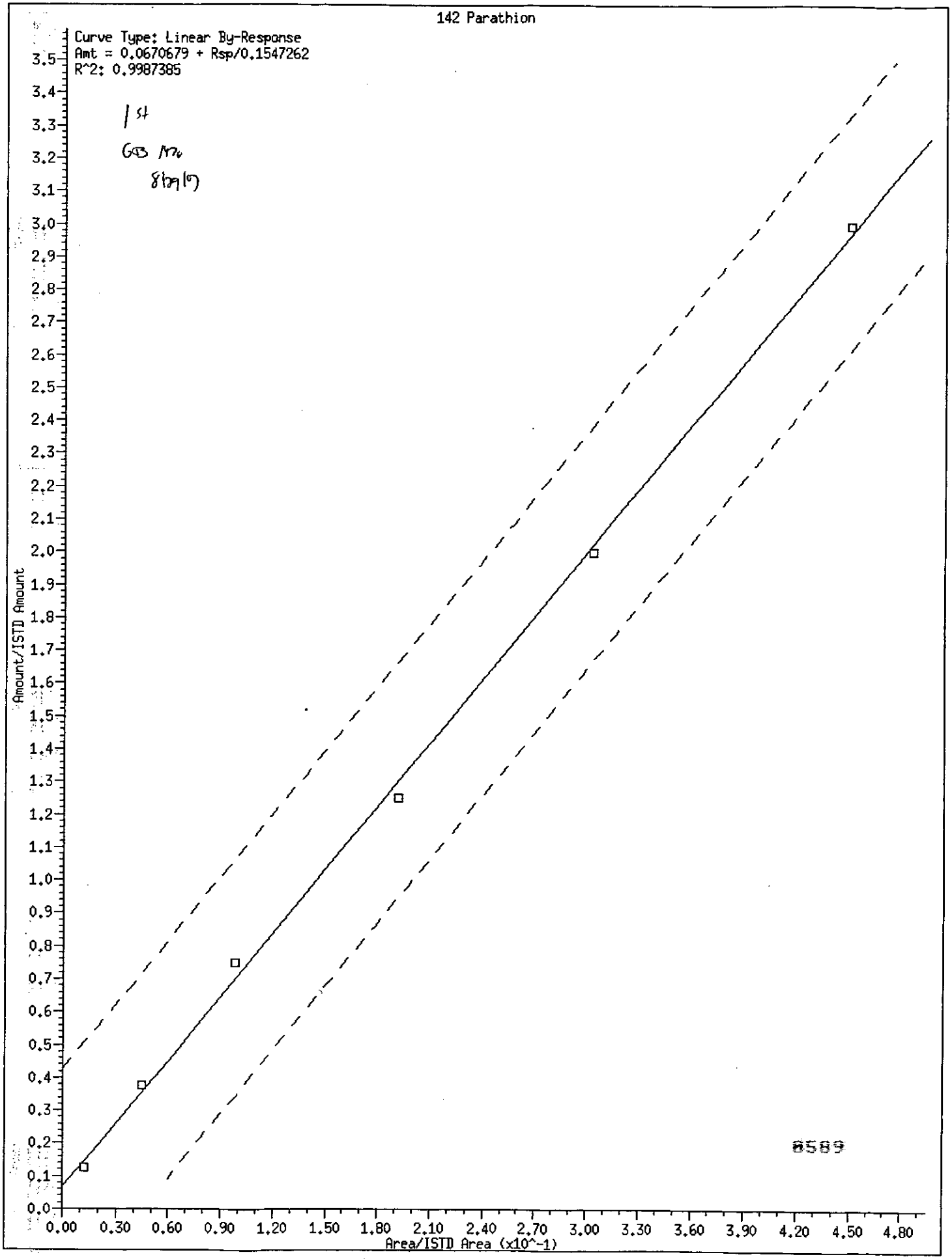

90 1,4-Dinitrobenzene
Curve Type: Linear By-Response
Amt = 0.1168865 + Rsp/0.196549
R^2: 0.9963211
1st
GB 1mw
8/29/17
Amount/ISTD Amount
Area/ISTD Area (x10^-1)
0.0 0.1 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9 1.0 1.1 1.2 1.3 1.4 1.5 1.6 1.7 1.8 1.9 2.0 2.1 2.2 2.3 2.4 2.5 2.6 2.7 2.8 2.9 3.0 3.1 3.2 3.3 3.4 3.5
0.00 0.30 0.60 0.90 1.20 1.50 1.80 2.10 2.40 2.70 3.00 3.30 3.60 3.90 4.20 4.50 4.80 5.10 5.40 5.70 6.00
8584

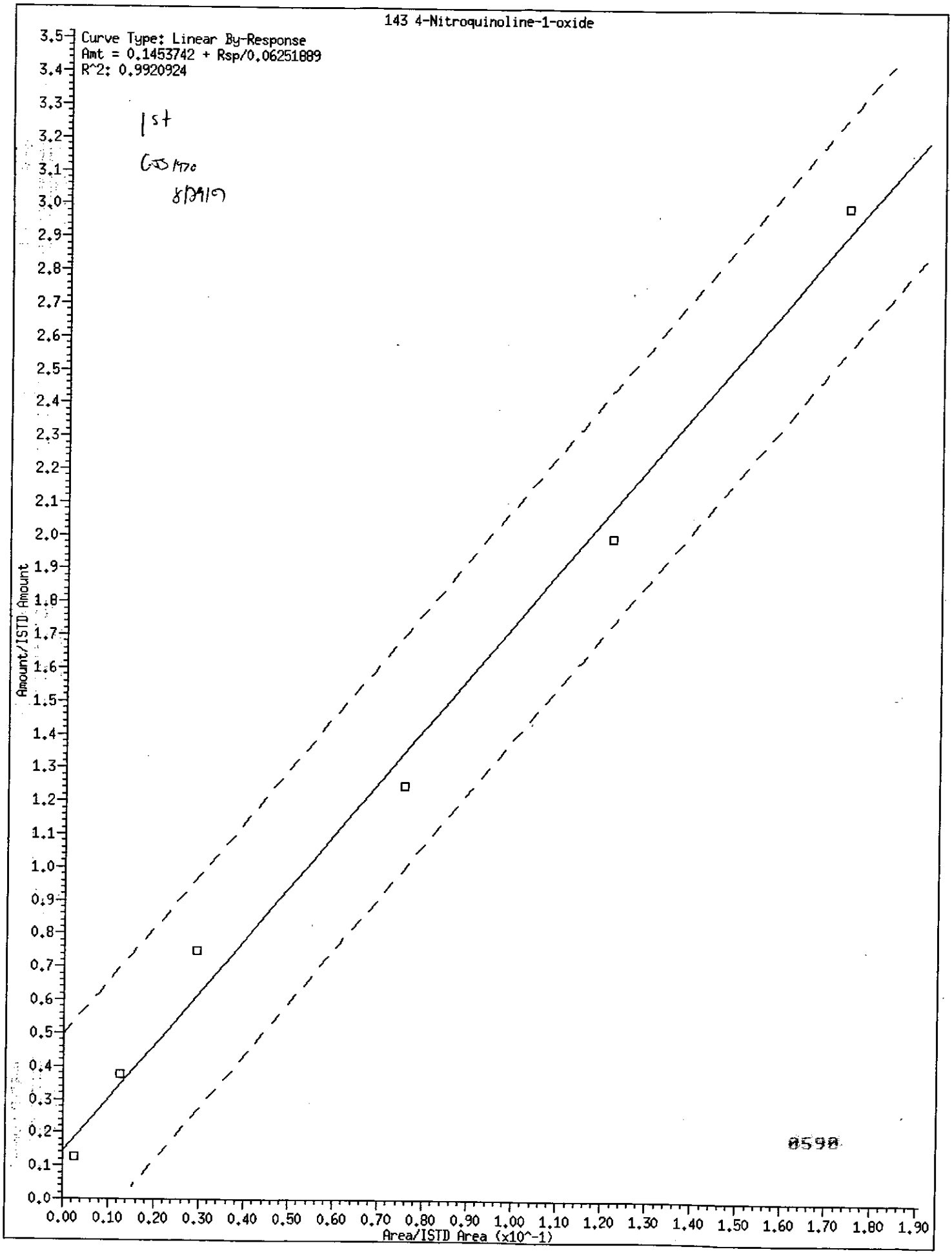

99 2,4-Dinitrophenol
Curve Type: Linear By-Response
Amt = 0.260022 + Rsp/0.1376023
R^2: 0.9938047
1st
GB 1170
8/29/17
Amount/ISTD Amount
Area/ISTD Area (x10^-1)
0585

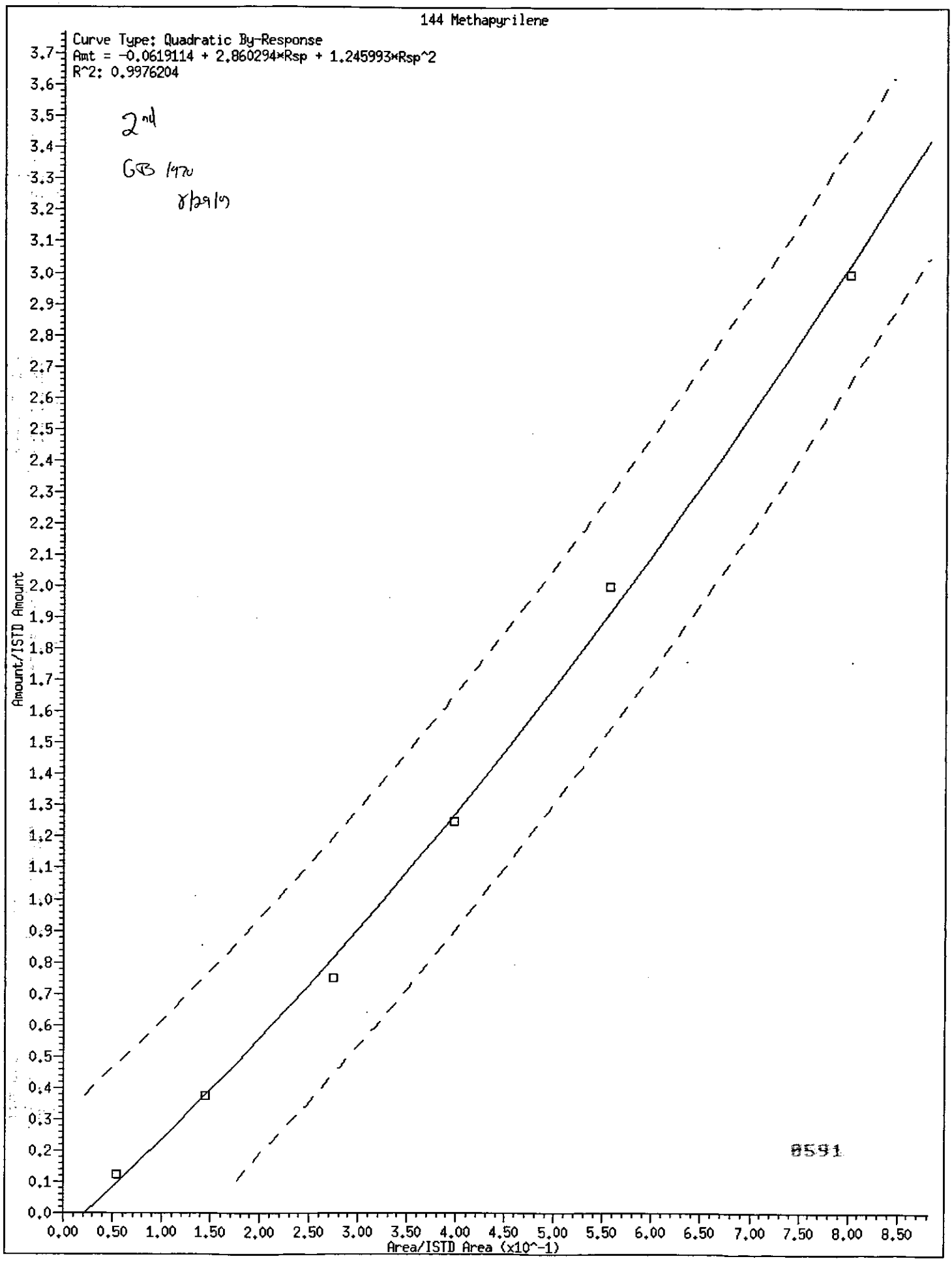

114 4,6-Dinitro-2-methylphenol
Curve Type: Linear By-Response
Amt = 0.1307223 + Rsp/0.09993426
R^2: 0.9977070
1st
GC3 197o
8/8-9/17
Amount/ISTD Amount
Area/ISTD Area (x10^-1)
0586

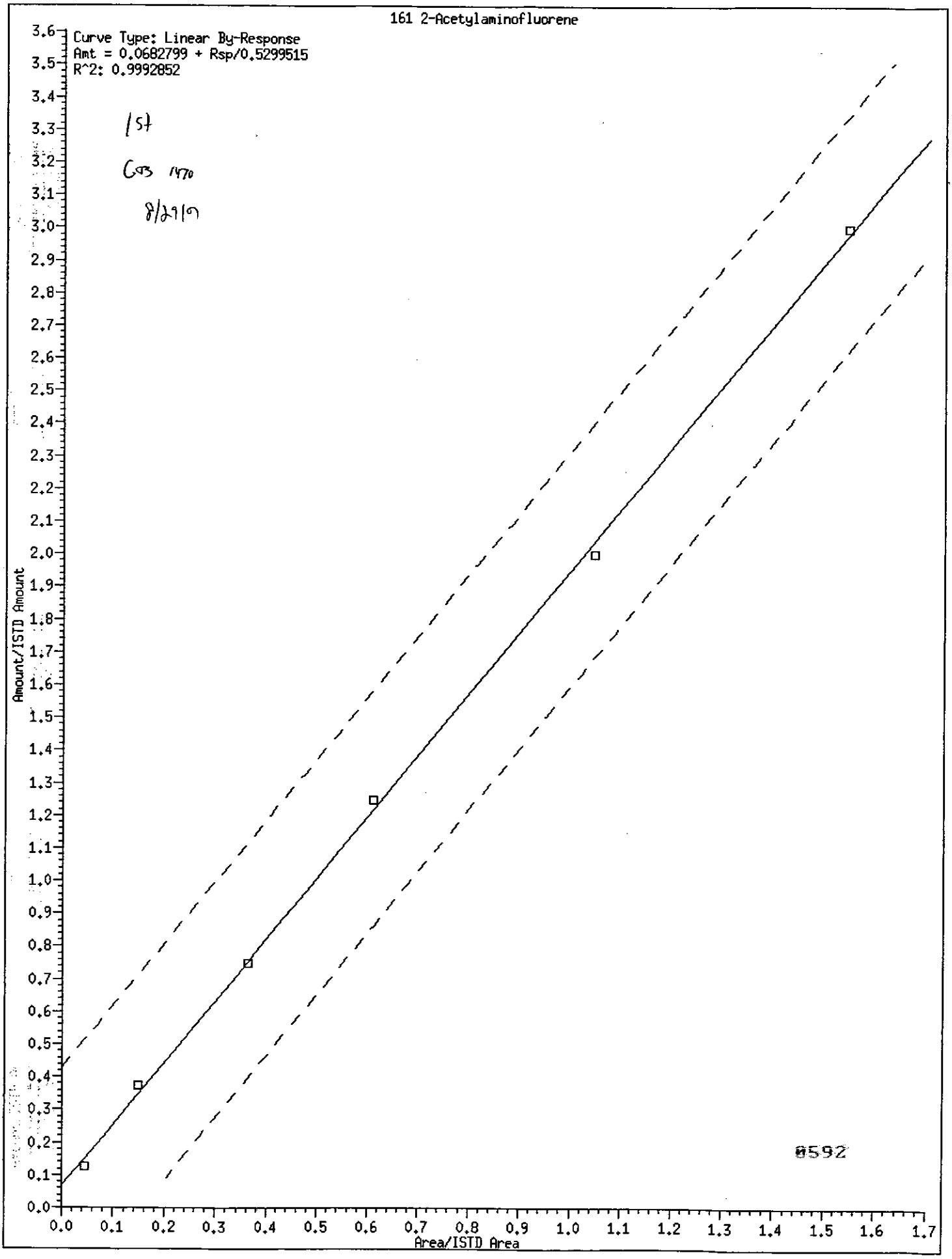

120 1,3,5-Trinitrobenzene
Curve Type: Linear By-Response
Amt = 0.1851734 + Rsp/0.06569502
R^2: 0.9942152
1st
CCB #70
8/29/19
0587
Amount/ISTD Amount
Area/ISTD Area (x10^-1)

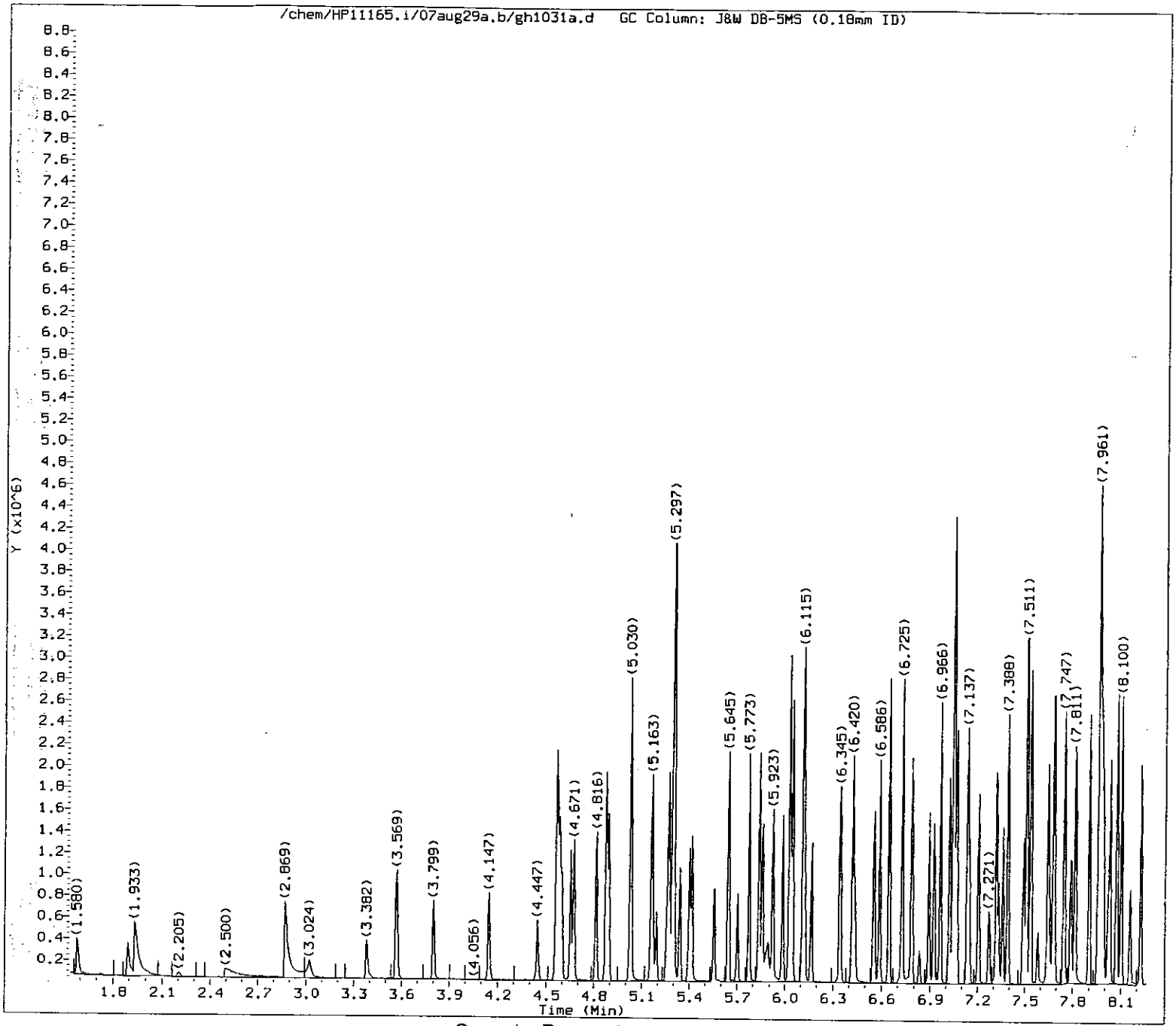

135 Dinoseb
Curve Type: Linear By-Response
Amt = 0.1454568 + Rsp/0.1446857
R^2: 0.9962273
1st
GS 147
8/29/17
6588
Amount/ISTD Amount
Area/ISTD Area (x10^-1)
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
1.1
1.2
1.3
1.4
1.5
1.6
1.7
1.8
1.9
2.0
2.1
2.2
2.3
2.4
2.5
2.6
2.7
2.8
2.9
3.0
3.1
3.2
3.3
3.4
3.5
3.6
0.00
0.30
0.60
0.90
1.20
1.50
1.80
2.10
2.40
2.70
3.00
3.30
3.60
3.90
4.20
4.50


142 Parathion
Curve Type: Linear By-Response
Amt = 0.0670679 + Rsp/0.1547262
R^2: 0.9987385
1st
GC3 m/z
8/29/07
Amount/ISTD Amount
Area/ISTD Area (x10^-1)
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
1.1
1.2
1.3
1.4
1.5
1.6
1.7
1.8
1.9
2.0
2.1
2.2
2.3
2.4
2.5
2.6
2.7
2.8
2.9
3.0
3.1
3.2
3.3
3.4
3.5
0.00
0.30
0.60
0.90
1.20
1.50
1.80
2.10
2.40
2.70
3.00
3.30
3.60
3.90
4.20
4.50
4.80
8589


143 4-Nitroquinoline-1-oxide
Curve Type: Linear By-Response
Amt = 0.1453742 + Rsp/0.06251889
R^2: 0.9920924
1st
Conc
8/29/19
Amount/ISTD Amount
Area/ISTD Area (x10^-1)
0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.00 1.10 1.20 1.30 1.40 1.50 1.60 1.70 1.80 1.90
0.0 0.1 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9 1.0 1.1 1.2 1.3 1.4 1.5 1.6 1.7 1.8 1.9 2.0 2.1 2.2 2.3 2.4 2.5 2.6 2.7 2.8 2.9 3.0 3.1 3.2 3.3 3.4 3.5
8598


144 Methapyrilene
Curve Type: Quadratic By-Response
Amt = -0.0619114 + 2.860294*Rsp + 1.245993*Rsp^2
R^2: 0.9976204
2nd
GB 1970
8/29/19
Amount/ISTD Amount
Area/ISTD Area (x10^-1)
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
1.1
1.2
1.3
1.4
1.5
1.6
1.7
1.8
1.9
2.0
2.1
2.2
2.3
2.4
2.5
2.6
2.7
2.8
2.9
3.0
3.1
3.2
3.3
3.4
3.5
3.6
3.7
0.00
0.50
1.00
1.50
2.00
2.50
3.00
3.50
4.00
4.50
5.00
5.50
6.00
6.50
7.00
7.50
8.00
8.50
8591


161 2-Acetylaminofluorene
Curve Type: Linear By-Response
Amt = 0.0682799 + Rsp/0.5299515
R^2: 0.9992852
1st
GB 1470
8/29/19
Amount/ISTD Amount
Area/ISTD Area
0592



Quant Report

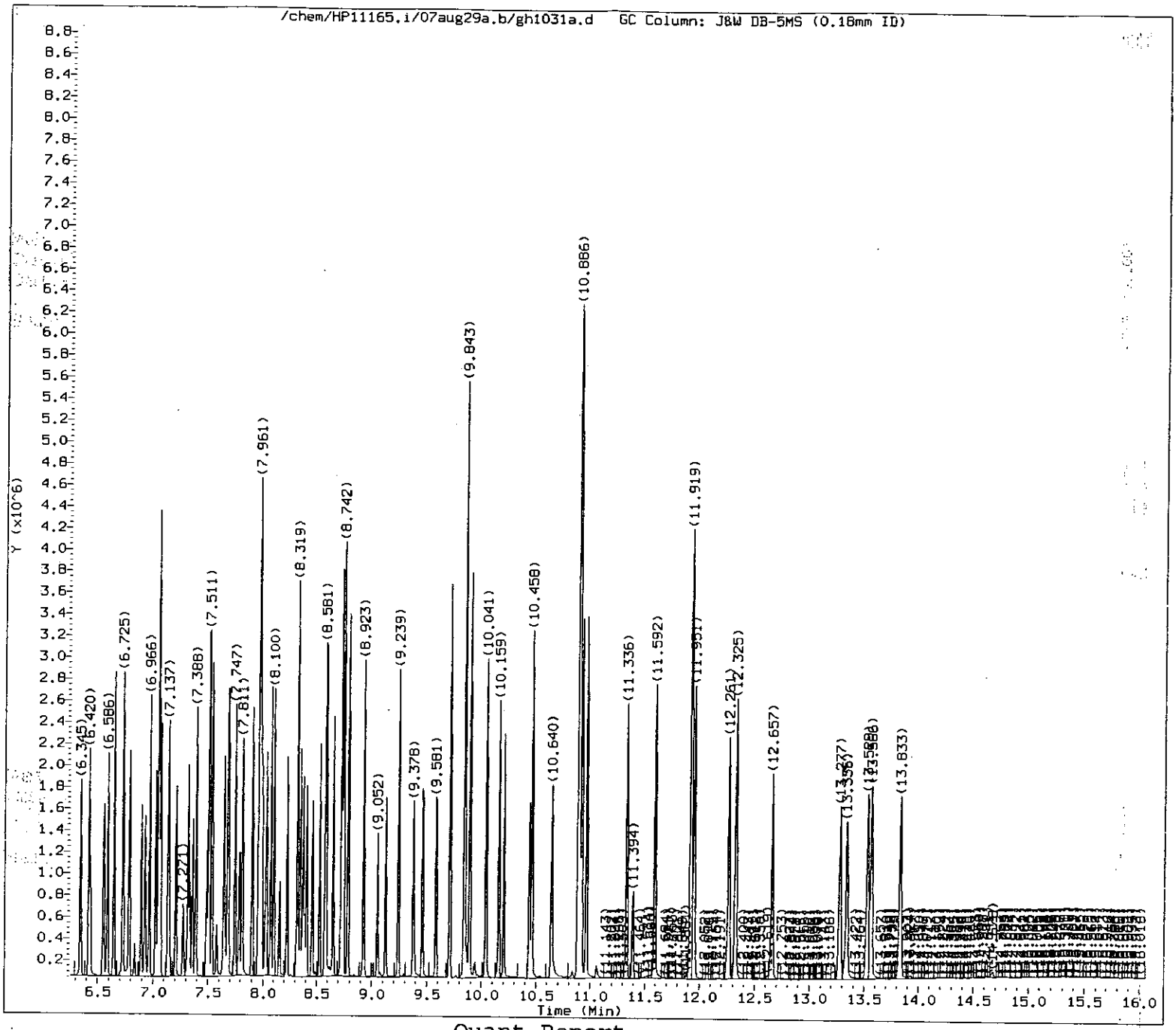
Target Revision 3.5

Data File: /chem/HP11165.i/07aug29a.b/gh1031a.d Instrument ID: HP11165.i
Injection date and time: 29-AUG-2007 16:19 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07aug29a.b/minti.m Sublist used: all1
Calibration date and time: 29-AUG-2007 16:40
Date, time and analyst ID of latest file update: 29-Aug-2007 16:40 gjd01970

Sample Name: SSTD030 Lab Sample ID: STD2407

8593 GB/1970
8/29/07



Quant Report

Target Revision 3.5

Data File: /chem/HP11165.i/07aug29a.b/gh1031a.d Instrument ID: HP11165.i
Injection date and time: 29-AUG-2007 16:19 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07aug29a.b/minti.m Sublist used: all1
Calibration date and time: 29-AUG-2007 16:40
Date, time and analyst ID of latest file update: 29-Aug-2007 16:40 gjd01970

Sample Name: SSTD030 Lab Sample ID: STD2407

8594 GJ1970 8/29/07

Quant Report

Target Revision 3.5

Data File: /chem/HP11165.i/07aug29a.b/gh1031a.d Instrument ID: HP11165.i
Injection date and time: 29-AUG-2007 16:19 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07aug29a.b/minti.m Sublist used: all1
Calibration date and time: 29-AUG-2007 16:40
Date, time and analyst ID of latest file update: 29-Aug-2007 16:40 gjd01970

Sample Name: SSTD030 Lab Sample ID: STD2407

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
1) 1,4-Dioxane	(1)	1.580	88	131886	30.000
2) N-Nitrosodimethylamine	(1)	1.890	74	206364	30.000
3) Pyridine	(1)	1.933	79	387061	30.000
5) 2-Picoline	(1)	2.869	93	355145	30.000
6) N-Nitrosomethylethylamine	(1)	3.024	88	170886	30.000
7) Methyl methanesulfonate	(1)	3.382	80	130433	30.000
10) N-Nitrosodiethylamine	(1)	3.799	102	164318	30.000
11) Ethyl methanesulfonate	(1)	4.147	109	158394	30.000
13) Aniline	(1)	4.559	93	561954	30.000
16) Phenol	(1)	4.580	94	454779	30.000
17) Pentachloroethane	(1)	4.596	167	88950	30.000
18) bis(2-Chloroethyl)ether	(1)	4.650	93	356617	30.000
19) 2-Chlorophenol	(1)	4.671	128	278961	30.000
20) 1,3-Dichlorobenzene	(1)	4.816	146	269932	30.000
21) 1,4-Dichlorobenzene-d4	(1)	4.874	152	233000	40.000
22) 1,4-Dichlorobenzene	(1)	4.890	146	274005	30.000
24) Benzyl alcohol	(1)	5.035	108	227865	30.000
25) 1,2-Dichlorobenzene	(1)	5.030	146	260849	30.000
26) 2-Methylphenol	(1)	5.163	108	314908	30.000
27) 2,2'-oxybis(1-Chloropropane)	(1)	5.169	45	332128	30.000
28) bis(2-Chloroisopropyl)ether	(1)	5.169	45	332128	30.000
29) N-Nitrosopyrrolidine	(1)	5.260	100	184000	30.000
30) Acetophenone	(1)	5.270	105	450972	30.000
31) N-Nitroso-di-n-propylamine	(1)	5.292	70	267295	30.000
32) N-Nitrosomorpholine	(1)	5.297	56	187213	30.000
33) 4-Methylphenol	(1)	5.302	108	357707	30.000
34) o-Toluidine	(1)	5.297	106	528638	30.000
37) Hexachloroethane	(1)	5.340	117	108941	30.000
39) Nitrobenzene	(2)	5.415	77	353095	30.000
40) N-Nitrosopiperidine	(2)	5.559	114	173049	30.000
41) Isophorone	(2)	5.645	82	779658	30.000
42) 2-Nitrophenol	(2)	5.703	139	120470	30.000
44) 2,4-Dimethylphenol	(2)	5.773	107	327098	30.000
45) O,O,O-triethylphosphorothioate	(2)	5.837	198	129506	30.000
46) bis(2-Chloroethoxy)methane	(2)	5.859	93	385532	30.000
47) Benzoic acid	(2)	5.896	105	250472	40.000
49) 2,4-Dichlorophenol	(2)	5.923	162	218560	30.000
50) 1,2,4-Trichlorobenzene	(2)	5.987	180	218097	30.000
52) Naphthalene-d8	(2)	6.030	136	1025402	40.000
53) Naphthalene	(2)	6.046	128	869460	30.000
55) 4-Chloroaniline	(2)	6.115	127	370278	30.000
56) 2,6-Dichlorophenol	(2)	6.115	162	207440	30.000
57) Hexachloropropene	(2)	6.126	213	120538	30.000

M = Compound was manually integrated. A = User selected an alternate hit

Quant Report

Target Revision 3.5

Data File: /chem/HP11165.i/07aug29a.b/gh1031a.d Instrument ID: HP11165.i
Injection date and time: 29-AUG-2007 16:19 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07aug29a.b/minti.m Sublist used: all1
Calibration date and time: 29-AUG-2007 16:40
Date, time and analyst ID of latest file update: 29-Aug-2007 16:40 gjd01970

Sample Name: SSTD030 Lab Sample ID: STD2407

	Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
59)	Hexachlorobutadiene	(2)	6.169	225	114405	30.000
62)	Caprolactam	(2)	6.431	113	127821	30.000
63)	N-Nitrosodi-n-butylamine	(2)	6.420	84	354122	30.000
67)	4-Chloro-3-methylphenol	(2)	6.554	107	286957	30.000
68)	Safrole	(2)	6.586	162	216732	30.000
69)	2-Methylnaphthalene	(2)	6.645	142	569405	30.000
70)	1-Methylnaphthalene	(2)	6.725	142	538802	30.000
71)	Hexachlorocyclopentadiene	(3)	6.779	237	62765	30.000
72)	1,2,4,5-Tetrachlorobenzene	(3)	6.784	216	217293	30.000
73)	cis-Isosafrole	(3)	6.832	162	23096	3.300
74)	2,4,6-Trichlorophenol	(3)	6.891	196	154315	30.000
76)	2,4,5-Trichlorophenol	(3)	6.923	196	174957	30.000
78)	trans-Isosafrole	(3)	7.019	162	241391	26.700
79)	Isosafrole	(3)	7.019	162	241391	30.000
80)	Biphenyl	(3)	7.041	154	695998	30.000
81)	Diphenyl	(3)	7.041	154	695998	30.000
82)	1,1'-Biphenyl	(3)	7.041	154	695998	30.000
83)	2-Chloronaphthalene	(3)	7.051	162	520328	30.000
87)	Diphenyl ether	(3)	7.137	170	381500	30.000
88)	2-Nitroaniline	(3)	7.148	138	157434	30.000
89)	1,4-Naphthoquinone	(3)	7.206	158	220762	30.000
90)	1,4-Dinitrobenzene	(3)	7.276	168	61149	30.000
91)	Dimethylphthalate	(3)	7.319	163	602940	30.000
92)	1,3-Dinitrobenzene	(3)	7.329	168	85393	30.000
93)	2,6-Dinitrotoluene	(3)	7.356	165	125526	30.000
94)	Acenaphthylene	(3)	7.388	152	829560	30.000
96)	3-Nitroaniline	(3)	7.490	138	146509	30.000
97)	Acenaphthene-d10	(3)	7.511	164	601235	40.000
98)	Acenaphthene	(3)	7.533	153	559760	30.000
99)	2,4-Dinitrophenol	(3)	7.581	184	49632	40.000
100)	Pentachlorobenzene	(3)	7.645	250	211018	30.000
102)	4-Nitrophenol	(3)	7.650	109	84567	30.000
103)	Dibenzofuran	(3)	7.677	168	806451	30.000
104)	2,4-Dinitrotoluene	(3)	7.688	165	147536	30.000
105)	1-Naphthylamine	(3)	7.747	143	603013	30.000
106)	2,3,4,6-Tetrachlorophenol	(3)	7.789	232	124048	30.000
107)	2-Naphthylamine	(3)	7.811	143	630719	30.000
108)	Diethylphthalate	(3)	7.902	149	653828	30.000
109)	Thionazin	(3)	7.966	107	140426	30.000
110)	Fluorene	(3)	7.961	166	652777	30.000
111)	4-Chlorophenyl-phenylether	(3)	7.971	204	299353	30.000
112)	5-Nitro-o-toluidine	(3)	7.982	152	171471	30.000
113)	4-Nitroaniline	(3)	7.993	138	173837	30.000

M = Compound was manually integrated. A = User selected an alternate hit

Quant Report

Target Revision 3.5

Data File: /chem/HP11165.i/07aug29a.b/gh1031a.d Instrument ID: HP11165.i
Injection date and time: 29-AUG-2007 16:19 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07aug29a.b/minti.m Sublist used: all1
Calibration date and time: 29-AUG-2007 16:40
Date, time and analyst ID of latest file update: 29-Aug-2007 16:40 gjd01970

Sample Name: SSTD030 Lab Sample ID: STD2407

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
114) 4,6-Dinitro-2-methylphenol	(4)	8.019	198	63145	30.000
115) 1-Nitronaphthalene	(4)	8.030	173	121665	30.000
116) N-Nitrosodiphenylamine	(4)	8.073	169	481551	30.000
117) 1,2-Diphenylhydrazine	(4)	8.100	77	866317	30.000
119) Tetraethyldithiopyrophosphate	(4)	8.223	97	116300	30.000
120) 1,3,5-Trinitrobenzene	(4)	8.324	213	32101	30.000
121) Diallate (peak 1)	(4)	8.314	86	282695	22.500
122) Phorate	(4)	8.324	75	609427	30.000
123) Phenacetin	(4)	8.346	108	381814	30.000
124) 4-Bromophenyl-phenylether	(4)	8.372	248	169784	30.000
125) Diallate (peak 2)	(4)	8.383	86	96498	7.500
126) Hexachlorobenzene	(4)	8.405	284	174023	30.000
127) Dimethoate	(4)	8.458	87	315386	30.000
128) Diallate TRANS/CIS	(4)	23.156	86	379193	30.000
130) Pentachlorophenol	(4)	8.576	266	122369	40.000
131) Pentachloronitrobenzene	(4)	8.581	237	62072	30.000
132) 4-Aminobiphenyl	(4)	8.586	169	551577	30.000
133) Pronamide	(4)	8.651	173	273660	30.000
134) Phenanthrene-d10	(4)	8.725	188	1156643	40.000
135) Dinoseb	(4)	8.742	211	81414	30.000
136) Phenanthrene	(4)	8.742	178	901414	30.000
137) Anthracene	(4)	8.784	178	953008	30.000
139) Carbazole	(4)	8.923	167	927425	30.000
140) Methyl parathion	(4)	9.052	109	174447	30.000
141) Di-n-butylphthalate	(4)	9.239	149	1141143	30.000
142) Parathion	(4)	9.373	109	113283	30.000
143) 4-Nitroquinoline-1-oxide	(4)	9.383	190	33704	30.000
144) Methapyrilene	(4)	9.458	97	316605	30.000
145) Isodrin	(4)	9.587	193	96101	30.000
146) Fluoranthene	(4)	9.710	202	1082352	30.000
151) Benzidine	(5)	9.843	184	1918867	90.000
153) Pyrene	(5)	9.891	202	1113052	30.000
157) p-Dimethylaminoazobenzene	(5)	10.159	225	225705	30.000
158) Chlorobenzilate	(5)	10.202	139	309257	30.000
159) 3,3'-Dimethylbenzidine	(5)	10.437	212	522652	30.000
160) Butylbenzylphthalate	(5)	10.458	149	509197	30.000
161) 2-Acetylaminofluorene	(5)	10.640	181	387928	30.000
163) 3,3'-Dichlorobenzidine	(5)	10.881	252	365130	30.000
164) 4,4'-Methylenebis(2-Chloroanil	(5)	10.886	231	169411	30.000
165) Benzo(a)anthracene	(5)	10.886	228	997539	30.000
166) Chrysene-d12	(5)	10.897	240	1066728	40.000
167) Chrysene	(5)	10.918	228	980676	30.000
168) bis(2-Ethylhexyl)phthalate	(5)	10.961	149	711239	30.000

M = Compound was manually integrated. A = User selected an alternate hit

Quant Report

Target Revision 3.5

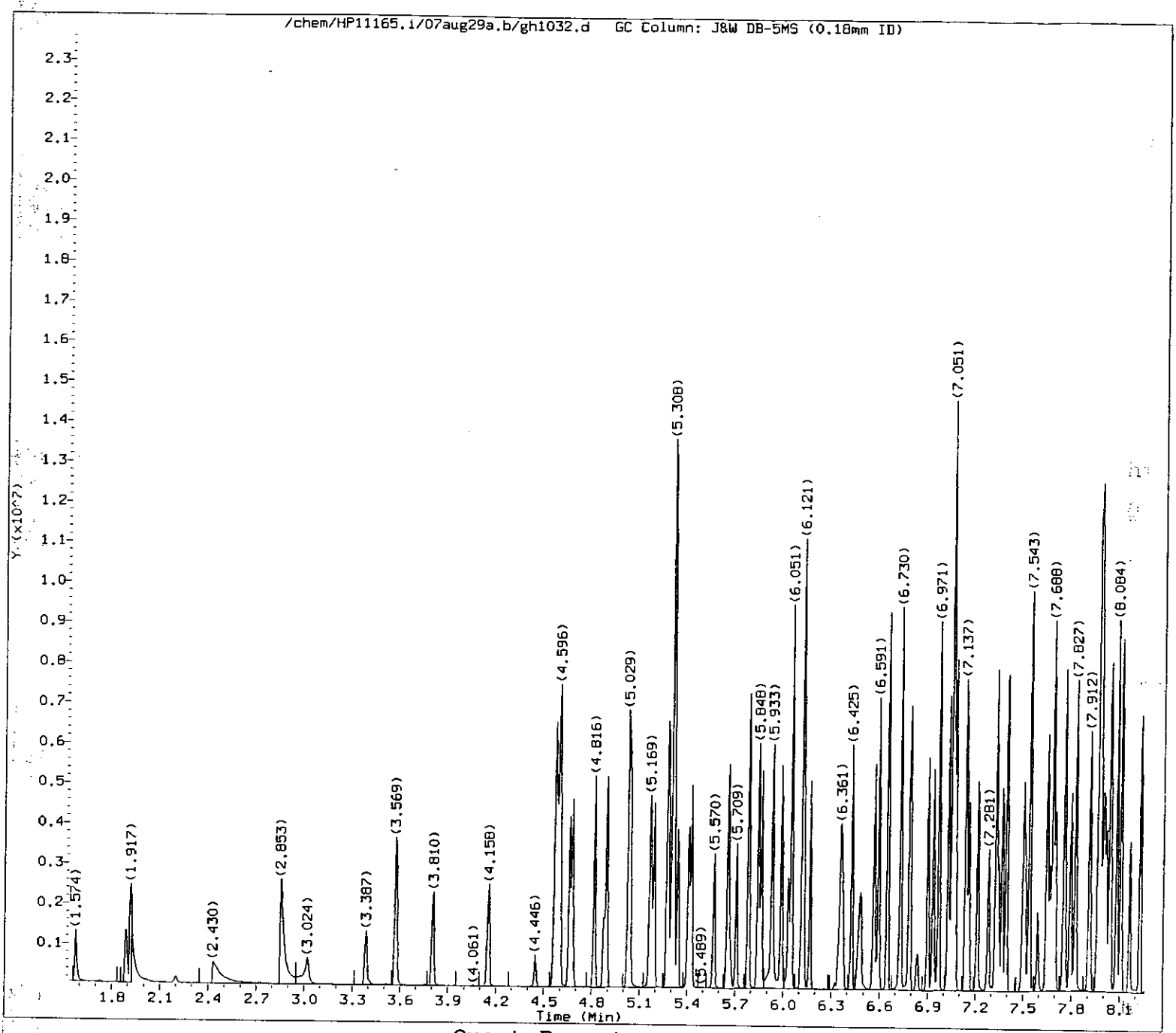
Data File: /chem/HP11165.i/07aug29a.b/gh1031a.d Instrument ID: HP11165.i
Injection date and time: 29-AUG-2007 16:19 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07aug29a.b/minti.m Sublist used: all1
Calibration date and time: 29-AUG-2007 16:40
Date, time and analyst ID of latest file update: 29-Aug-2007 16:40 gjd01970

Sample Name: SSTD030 Lab Sample ID: STD2407

	Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
188)	6-Methylchrysene	(5)	11.336	242	671703	30.000
169)	Di-n-octylphthalate	(6)	11.592	149	1231022	30.000
189)	Dibenz(a,h)acridine	(6)	13.277	279	815973	30.000
190)	Dibenz(a,j)acridine	(6)	13.341	279	772060	30.000
170)	7,12-Dimethylbenz[a]anthracene	(6)	11.919	256	483261	30.000
171)	Benzo(b)fluoranthene	(6)	11.919	252	1036528	30.000
194)	Ronnel	(4)	9.127	285	207274	30.000
172)	Benzo(k)fluoranthene	(6)	11.951	252	1053796	30.000
173)	Benzo(a)pyrene	(6)	12.261	252	948080	30.000
174)	Perylene-d12	(6)	12.325	264	907865	40.000
175)	3-Methylcholanthrene	(6)	12.657	268	495677	30.000
176)	Indeno(1,2,3-cd)pyrene	(6)	13.529	276	1114888	30.000
177)	Dibenz(a,h)anthracene	(6)	13.566	278	902260	30.000
178)	Benzo(g,h,i)perylene	(6)	13.833	276	946361	30.000
84)	1-Chloronaphthalene	(3)	7.067	162	526763	30.000
9)	2-Fluorophenol	(1)	3.569	112	297713	30.000
14)	Phenol-d5	(1)	4.570	99	420892	30.000
15)	Phenol-d6	(1)	4.570	99	420892	30.000
38)	Nitrobenzene-d5	(2)	5.399	82	333164	30.000
77)	2-Fluorobiphenyl	(3)	6.966	172	604744	30.000
118)	2,4,6-Tribromophenol	(3)	8.159	330	71586	30.000
155)	Terphenyl-d14	(5)	10.041	244	651343	30.000

M = Compound was manually integrated. A = User selected an alternate hit



Quant Report

Target Revision 3.5

Data File: /chem/HP11165.i/07aug29a.b/gh1032.d
Injection date and time: 29-AUG-2007 16:43

Instrument ID: HP11165.i
Analyst ID: gjd01970

Method used: /chem/HP11165.i/07aug29a.b/minti.m
Calibration date and time: 29-AUG-2007 17:05

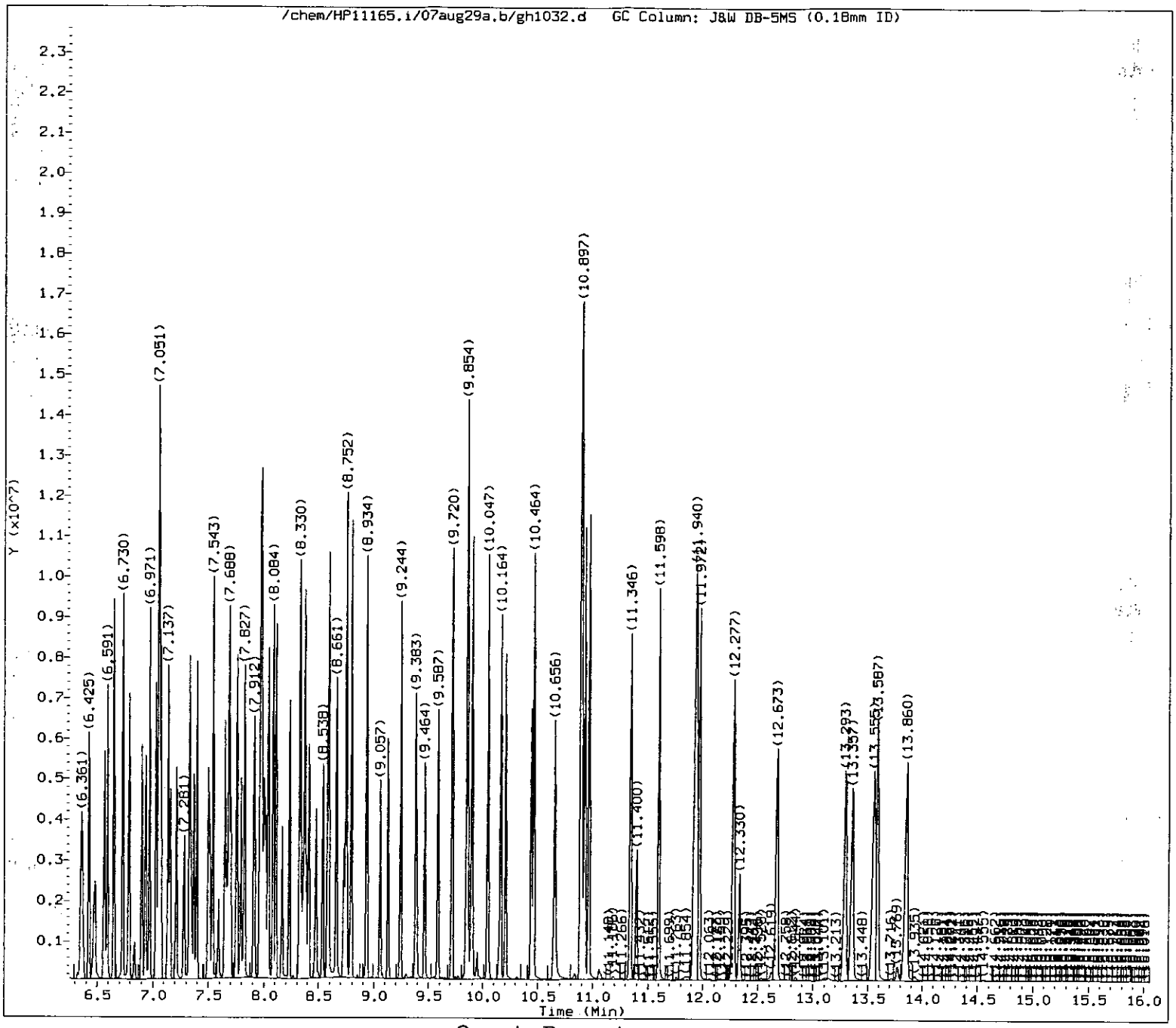
Sublist used: all

Date, time and analyst ID of latest file update: 29-Aug-2007 17:05 gjd01970

Sample Name: SSTD120

Lab Sample ID: STD2407

8599 GD/47.
8/29/7



Quant Report

Target Revision 3.5

Data File: /chem/HP11165.i/07aug29a.b/gh1032.d Instrument ID: HP11165.i
Injection date and time: 29-AUG-2007 16:43 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07aug29a.b/minti.m Sublist used: all1
Calibration date and time: 29-AUG-2007 17:05
Date, time and analyst ID of latest file update: 29-Aug-2007 17:05 gjd01970

Sample Name: SSTD120 Lab Sample ID: STD2407

8600 GJH 8/29/07

Quant Report

Target Revision 3.5

Data File: /chem/HP11165.i/07aug29a.b/gh1032.d Instrument ID: HP11165.i
Injection date and time: 29-AUG-2007 16:43 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07aug29a.b/minti.m Sublist used: all1
Calibration date and time: 29-AUG-2007 17:05
Date, time and analyst ID of latest file update: 29-Aug-2007 17:05 gjd01970

Sample Name: SSTD120 Lab Sample ID: STD2407

	Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
1)	1,4-Dioxane	(1)	1.574	88	489714	118.500
2)	N-Nitrosodimethylamine	(1)	1.890	74	828239	123.166
3)	Pyridine	(1)	1.917	79	1537413	122.543
5)	2-Picoline	(1)	2.858	93	1419108	122.902
6)	N-Nitrosomethylethylamine	(1)	3.024	88	670585	121.816
7)	Methyl methanesulfonate	(1)	3.387	80	531331	124.057
10)	N-Nitrosodiethylamine	(1)	3.810	102	640575	121.421
11)	Ethyl methanesulfonate	(1)	4.158	109	612016	120.888
13)	Aniline	(1)	4.569	93	2189549	121.389
16)	Phenol	(1)	4.596	94	1705344 A	119.090
17)	Pentachloroethane	(1)	4.596	167	327460	117.985
18)	bis(2-Chloroethyl)ether	(1)	4.660	93	1344619	119.419
19)	2-Chlorophenol	(1)	4.676	128	1077938	120.891
20)	1,3-Dichlorobenzene	(1)	4.816	146	1001294	118.440
21)	1,4-Dichlorobenzene-d4	(1)	4.874	152	221766	40.000
22)	1,4-Dichlorobenzene	(1)	4.896	146	1026735	119.047
24)	Benzyl alcohol	(1)	5.040	108	907403	122.697
25)	1,2-Dichlorobenzene	(1)	5.029	146	954910	117.648
26)	2-Methylphenol	(1)	5.169	108	1211274M	120.616
27)	2,2'-oxybis(1-Chloropropane)	(1)	5.174	45	1254969	119.548
28)	bis(2-Chloroisopropyl)ether	(1)	5.174	45	1254969	119.548
29)	N-Nitrosopyrrolidine	(1)	5.281	100	700736	120.019
30)	Acetophenone	(1)	5.276	105	1699430	119.386
31)	N-Nitroso-di-n-propylamine	(1)	5.308	70	914604	113.602
32)	N-Nitrosomorpholine	(1)	5.318	56	665233	115.862
33)	4-Methylphenol	(1)	5.313	108	1276247	116.107
34)	o-Toluidine	(1)	5.308	106	1853725	115.069
37)	Hexachloroethane	(1)	5.340	117	408918	119.150
39)	Nitrobenzene	(2)	5.425	77	1420145	121.906
40)	N-Nitrosopiperidine	(2)	5.570	114	668927	119.525
41)	Isophorone	(2)	5.655	82	2971828	118.684
42)	2-Nitrophenol	(2)	5.709	139	511034	125.098
44)	2,4-Dimethylphenol	(2)	5.784	107	1247430	118.714
45)	O,O,O-triethylphosphorothioate	(2)	5.848	198	494643	118.806
46)	bis(2-Chloroethoxy)methane	(2)	5.864	93	1413684	116.360
47)	Benzoic acid	(2)	5.944	105	831556	127.647
49)	2,4-Dichlorophenol	(2)	5.933	162	843500	119.429
50)	1,2,4-Trichlorobenzene	(2)	5.987	180	824618	118.198
52)	Naphthalene-d8	(2)	6.030	136	998804	40.000
53)	Naphthalene	(2)	6.051	128	3342552	119.196
55)	4-Chloroaniline	(2)	6.121	127	1266817	112.211
56)	2,6-Dichlorophenol	(2)	6.121	162	760610	116.357
57)	Hexachloropropene	(2)	6.131	213	477363	120.978

M = Compound was manually integrated. A = User selected an alternate hit

Quant Report

Target Revision 3.5

Data File: /chem/HP11165.i/07aug29a.b/gh1032.d Instrument ID: HP11165.i
Injection date and time: 29-AUG-2007 16:43 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07aug29a.b/minti.m Sublist used: all1
Calibration date and time: 29-AUG-2007 17:05
Date, time and analyst ID of latest file update: 29-Aug-2007 17:05 gjd01970

Sample Name: SSTD120 Lab Sample ID: STD2407

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
59) Hexachlorobutadiene	(2)	6.169	225	449259	120.471
62) Caprolactam	(2)	6.479	113	496918 A	119.867
63) N-Nitrosodi-n-butylamine	(2)	6.425	84	1011421	101.516
67) 4-Chloro-3-methylphenol	(2)	6.565	107	1136053	120.958
68) Safrole	(2)	6.591	162	807017	117.281
69) 2-Methylnaphthalene	(2)	6.650	142	2077847	116.070
70) 1-Methylnaphthalene	(2)	6.730	142	2003173	117.188
71) Hexachlorocyclopentadiene	(3)	6.784	237	323374	136.062
72) 1,2,4,5-Tetrachlorobenzene	(3)	6.789	216	826208	117.930
73) cis-Isosafrole	(3)	6.832	162	91218	13.223
74) 2,4,6-Trichlorophenol	(3)	6.902	196	594818	118.750
76) 2,4,5-Trichlorophenol	(3)	6.934	196	710752	121.901
78) trans-Isosafrole	(3)	7.030	162	930786	105.706
79) Isosafrole	(3)	7.030	162	930786	118.771
80) Biphenyl	(3)	7.051	154	2492366	114.337
81) Diphenyl	(3)	7.051	154	2492366	114.337
82) 1,1'-Biphenyl	(3)	7.051	154	2492366	114.337
83) 2-Chloronaphthalene	(3)	7.057	162	2425928M	130.140
87) Diphenyl ether	(3)	7.137	170	1424653	116.849
88) 2-Nitroaniline	(3)	7.158	138	709243	128.093
89) 1,4-Naphthoquinone	(3)	7.212	158	813025	116.016
90) 1,4-Dinitrobenzene	(3)	7.281	168	332590	139.242
91) Dimethylphthalate	(3)	7.329	163	2261045	117.100
92) 1,3-Dinitrobenzene	(3)	7.345	168	407044	131.458
93) 2,6-Dinitrotoluene	(3)	7.372	165	525925	123.751
94) Acenaphthylene	(3)	7.399	152	3116716	117.213
96) 3-Nitroaniline	(3)	7.501	138	641242	126.367
97) Acenaphthene-d10	(3)	7.511	164	591577	40.000
98) Acenaphthene	(3)	7.543	153	2042921	115.474
99) 2,4-Dinitrophenol	(3)	7.591	184	222364	144.679
100) Pentachlorobenzene	(3)	7.650	250	829629	119.936
102) 4-Nitrophenol	(3)	7.666	109	394415	130.161
103) Dibenzofuran	(3)	7.688	168	3012489	116.867
104) 2,4-Dinitrotoluene	(3)	7.704	165	671846	128.736
105) 1-Naphthylamine	(3)	7.757	143	2150823	114.099
106) 2,3,4,6-Tetrachlorophenol	(3)	7.795	232	507752	122.353
107) 2-Naphthylamine	(3)	7.827	143	2268366 A	114.595
108) Diethylphthalate	(3)	7.912	149	2468071	117.495
109) Thionazin	(3)	7.977	107	492727	113.118
110) Fluorene	(3)	7.966	166	2398461	115.876
111) 4-Chlorophenyl-phenylether	(3)	7.977	204	1093493	115.527
112) 5-Nitro-o-toluidine	(3)	7.998	152	747056	126.092
113) 4-Nitroaniline	(3)	8.019	138	709094 A	122.146

M = Compound was manually integrated. A = User selected an alternate hit

Quant Report

Target Revision 3.5

Data File: /chem/HP11165.i/07aug29a.b/gh1032.d Instrument ID: HP11165.i
Injection date and time: 29-AUG-2007 16:43 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07aug29a.b/minti.m Sublist used: all1
Calibration date and time: 29-AUG-2007 17:05
Date, time and analyst ID of latest file update: 29-Aug-2007 17:05 gjd01970

Sample Name: SSTD120 Lab Sample ID: STD2407

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
114) 4,6-Dinitro-2-methylphenol	(4)	8.035	198	329756	135.368
115) 1-Nitronaphthalene	(4)	8.041	173	476574	118.199
116) N-Nitrosodiphenylamine	(4)	8.084	169	1799298	115.368
117) 1,2-Diphenylhydrazine	(4)	8.110	77	3216695	114.992
119) Tetraethyldithiopyrophosphate	(4)	8.228	97	420103	113.344
120) 1,3,5-Trinitrobenzene	(4)	8.346	213	217196	150.321
121) Diallate (peak 1)	(4)	8.324	86	1054694	86.459
122) Phorate	(4)	8.330	75	2424669	119.133
123) Phenacetin	(4)	8.372	108	1384985 A	113.594
124) 4-Bromophenyl-phenylether	(4)	8.378	248	651326	116.947
125) Diallate (peak 2)	(4)	8.388	86	370142	29.235
126) Hexachlorobenzene	(4)	8.410	284	686799	118.649
127) Dimethoate	(4)	8.479	87	1004763	105.866
128) Diallate TRANS/CIS	(4)	23.156	86	1424836	115.705
130) Pentachlorophenol	(4)	8.581	266	398726	124.410
131) Pentachloronitrobenzene	(4)	8.592	237	245786	118.847
132) 4-Aminobiphenyl	(4)	8.592	169	1894513	110.334
133) Pronamide	(4)	8.661	173	1019600	115.197
134) Phenanthrene-d10	(4)	8.731	188	1167197	40.000
135) Dinoseb	(4)	8.747	211	480433	142.516
136) Phenanthrene	(4)	8.752	178	3314473	114.407
137) Anthracene	(4)	8.795	178	3534266	114.919
139) Carbazole	(4)	8.934	167	3593452	117.545
140) Methyl parathion	(4)	9.057	109	661076	116.213
141) Di-n-butylphthalate	(4)	9.244	149	4284609	115.659
142) Parathion	(4)	9.383	109	525056	128.281
143) 4-Nitroquinoline-1-oxide	(4)	9.394	190	202626	143.591
144) Methapyrilene	(4)	9.464	97	935015	101.403
145) Isodrin	(4)	9.587	193	357249	115.062
146) Fluoranthene	(4)	9.720	202	4180426	117.354
151) Benzidine	(5)	9.854	184	6761803	346.257
153) Pyrene	(5)	9.902	202	4286418	120.744
157) p-Dimethylaminoazobenzene	(5)	10.164	225	900135	122.842
158) Chlorobenzilate	(5)	10.207	139	1156686	118.992
159) 3,3'-Dimethylbenzidine	(5)	10.442	212	2019877	120.956
160) Butylbenzylphthalate	(5)	10.464	149	1877026	118.120
161) 2-Acetylaminofluorene	(5)	10.656	181	1568070	123.649
163) 3,3'-Dichlorobenzidine	(5)	10.886	252	1381510	119.684
164) 4,4'-Methylenebis(2-Chloroanil	(5)	10.897	231	637907	119.396
165) Benzo(a)anthracene	(5)	10.897	228	3662063	117.873
166) Chrysene-d12	(5)	10.902	240	1014343	40.000
167) Chrysene	(5)	10.929	228	3826520	121.532
168) bis(2-Ethylhexyl)phthalate	(5)	10.966	149	2636775	118.462

M = Compound was manually integrated. A = User selected an alternate hit

Quant Report

Target Revision 3.5

Data File: /chem/HP11165.i/07aug29a.b/gh1032.d Instrument ID: HP11165.i
Injection date and time: 29-AUG-2007 16:43 Analyst ID: gjd01970

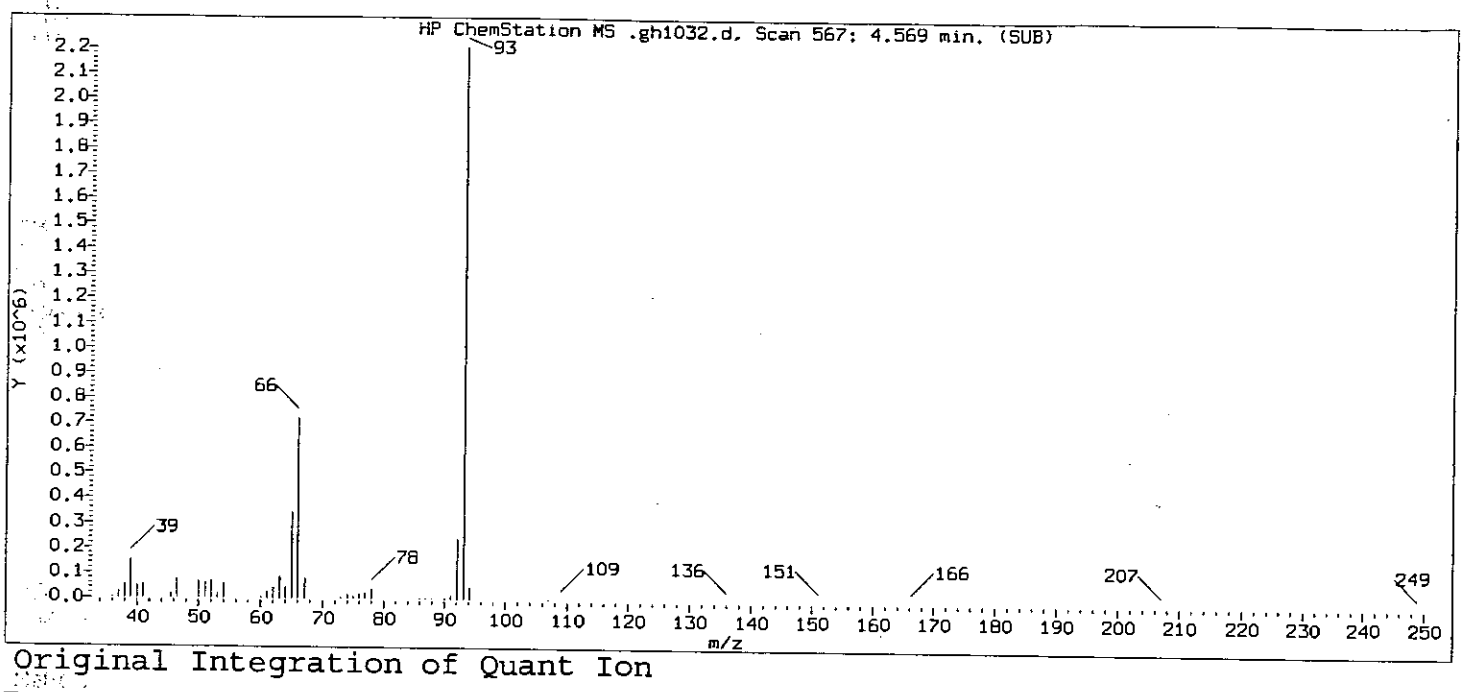
Method used: /chem/HP11165.i/07aug29a.b/minti.m Sublist used: all1
Calibration date and time: 29-AUG-2007 17:05
Date, time and analyst ID of latest file update: 29-Aug-2007 17:05 gjd01970

Sample Name: SSTD120 Lab Sample ID: STD2407

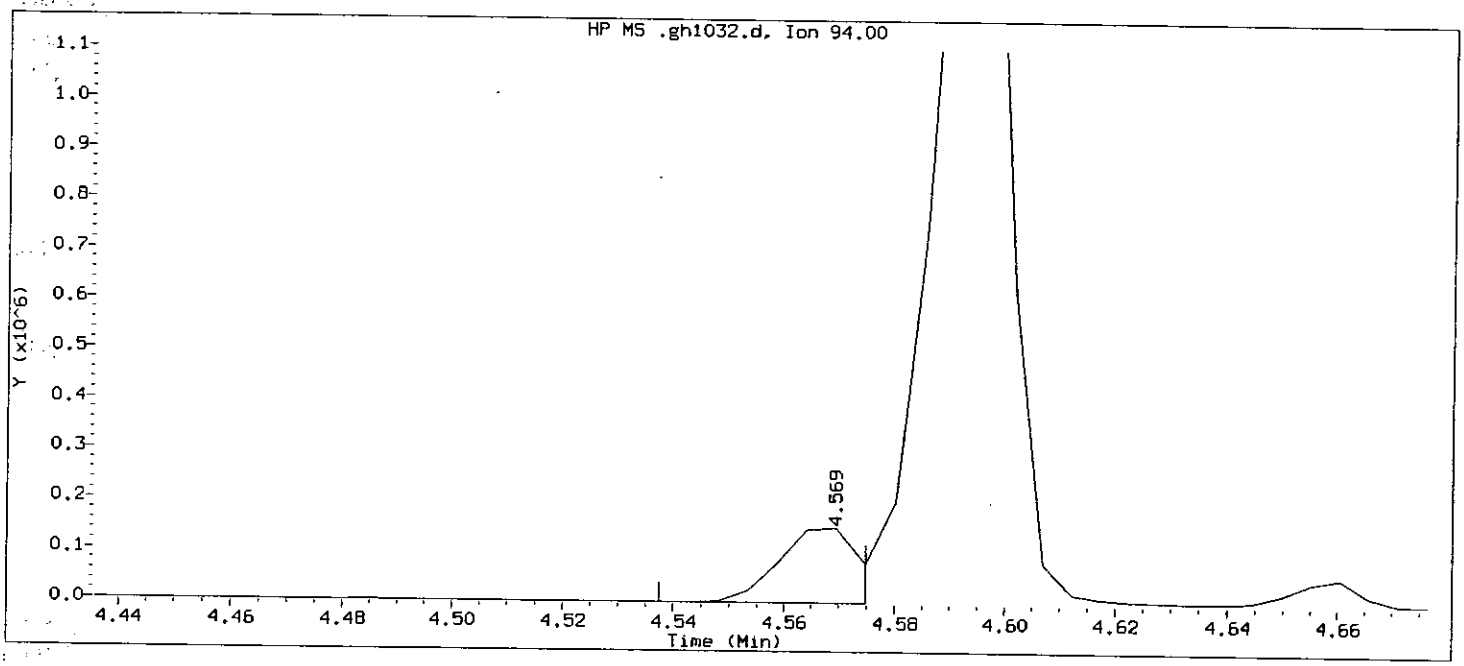
	Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
188)	6-Methylchrysene	(5)	11.346	242	2677063	122.803
169)	Di-n-octylphthalate	(6)	11.598	149	4669111	116.979
189)	Dibenz(a,h)acridine	(6)	13.293	279	3346587	121.670
190)	Dibenz(a,j)acridine	(6)	13.363	279	3119468	120.772
170)	7,12-Dimethylbenz[a]anthracene	(6)	11.935	256	1940858	120.411
171)	Benzo(b)fluoranthene	(6)	11.945	252	4605843M	126.472
194)	Ronnel	(4)	9.127	285	740027	112.645
172)	Benzo(k)fluoranthene	(6)	11.972	252	3910712M	115.672
173)	Benzo(a)pyrene	(6)	12.277	252	3796613M	120.237
174)	Perylene-d12	(6)	12.330	264	905317	40.000
175)	3-Methylcholanthrene	(6)	12.673	268	1981356	120.128
176)	Indeno(1,2,3-cd)pyrene	(6)	13.555	276	4463921	120.227
177)	Dibenz(a,h)anthracene	(6)	13.587	278	3589397	119.841
178)	Benzo(g,h,i)perylene	(6)	13.860	276	3793467	120.296
84)	1-Chloronaphthalene	(3)	7.073	162	1799321M	111.513
9)	2-Fluorophenol	(1)	3.569	112	1172097	122.012
14)	Phenol-d5	(1)	4.580	99	1635325	121.220
15)	Phenol-d6	(1)	4.580	99	1635325	121.220
38)	Nitrobenzene-d5	(2)	5.409	82	1366853	123.096
77)	2-Fluorobiphenyl	(3)	6.971	172	2248977	116.600
118)	2,4,6-Tribromophenol	(3)	8.164	330	311939	126.103
155)	Terphenyl-d14	(5)	10.047	244	2583743	122.521

M = Compound was manually integrated. A = User selected an alternate hit

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP11165.i/07aug29a.b/gh1032.d Instrument ID: HP11165.i
Injection date and time: 29-AUG-2007 16:43 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07aug29a.b/minti.m Sublist used: all1
Calibration date and time: 29-AUG-2007 17:00
Date, time and analyst ID of latest file update: 29-Aug-2007 17:00 Automation

Sample Name: SSTD120 Lab Sample ID: STD2407

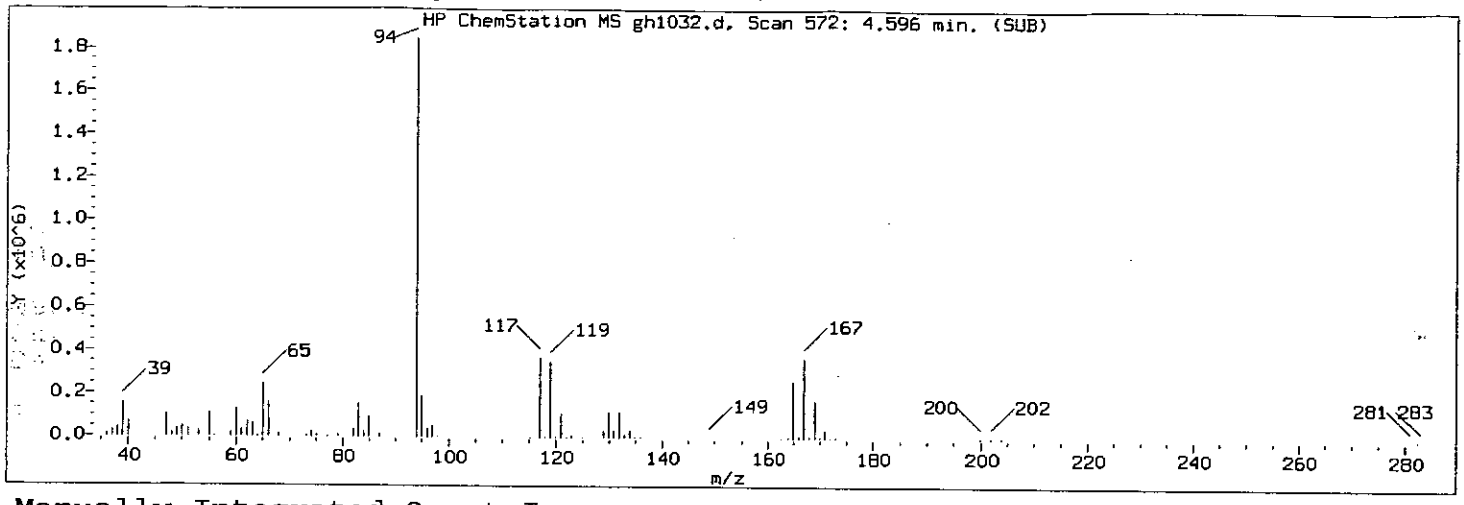
Compound Number	: 16
Compound Name	: Phenol
Scan Number	: 567
Retention Time (minutes)	: 4.569
Quant Ion	: 94
Area	: 140342
Concentration (ng/ul)	: 17.9950
Integration start scan	: 560
Integration stop scan	: 567
Y at integration start	: 150
Y at integration end	: 261

GJD 8/29/07

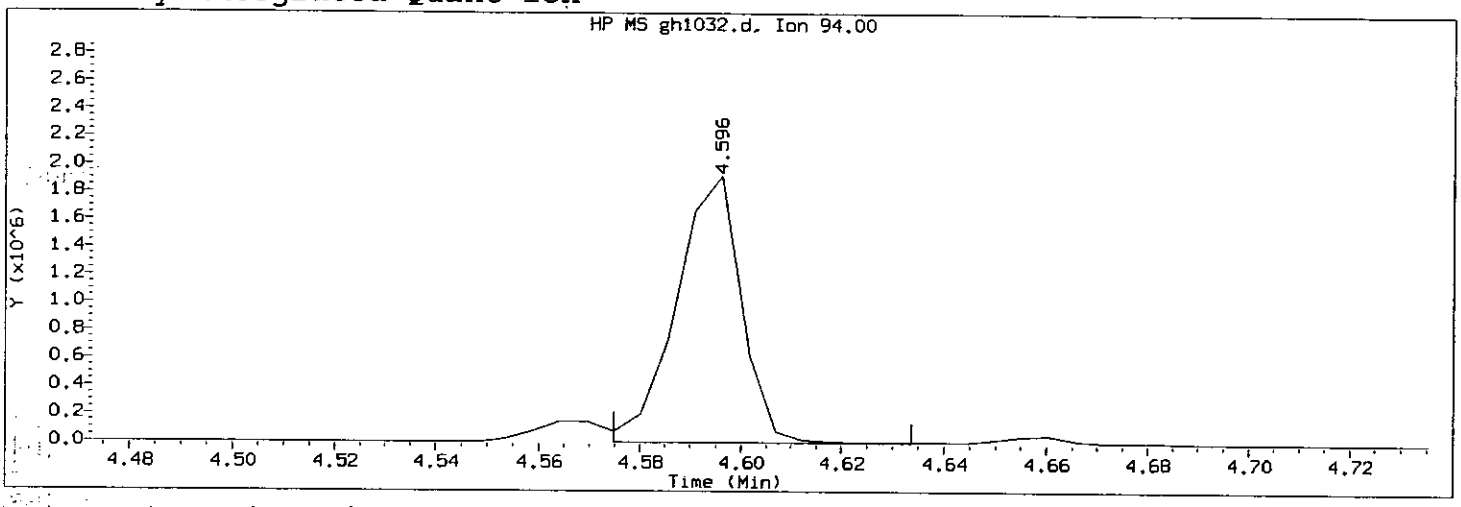
8685

Original Integration Report for data file /chem/HP11165.i/07aug29a.b/gh1032.d, generated on 08/29/2007 at 17:05

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP11165.i/07aug29a.b/gh1032.d Instrument ID: HP11165.i
Injection date and time: 29-AUG-2007 16:43 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07aug29a.b/minti.m Sublist used: all1
Calibration date and time: 29-AUG-2007 17:05
Date, time and analyst ID of latest file update: 29-Aug-2007 17:05 gjd01970

Sample Name: SSTD120 Lab Sample ID: STD2407

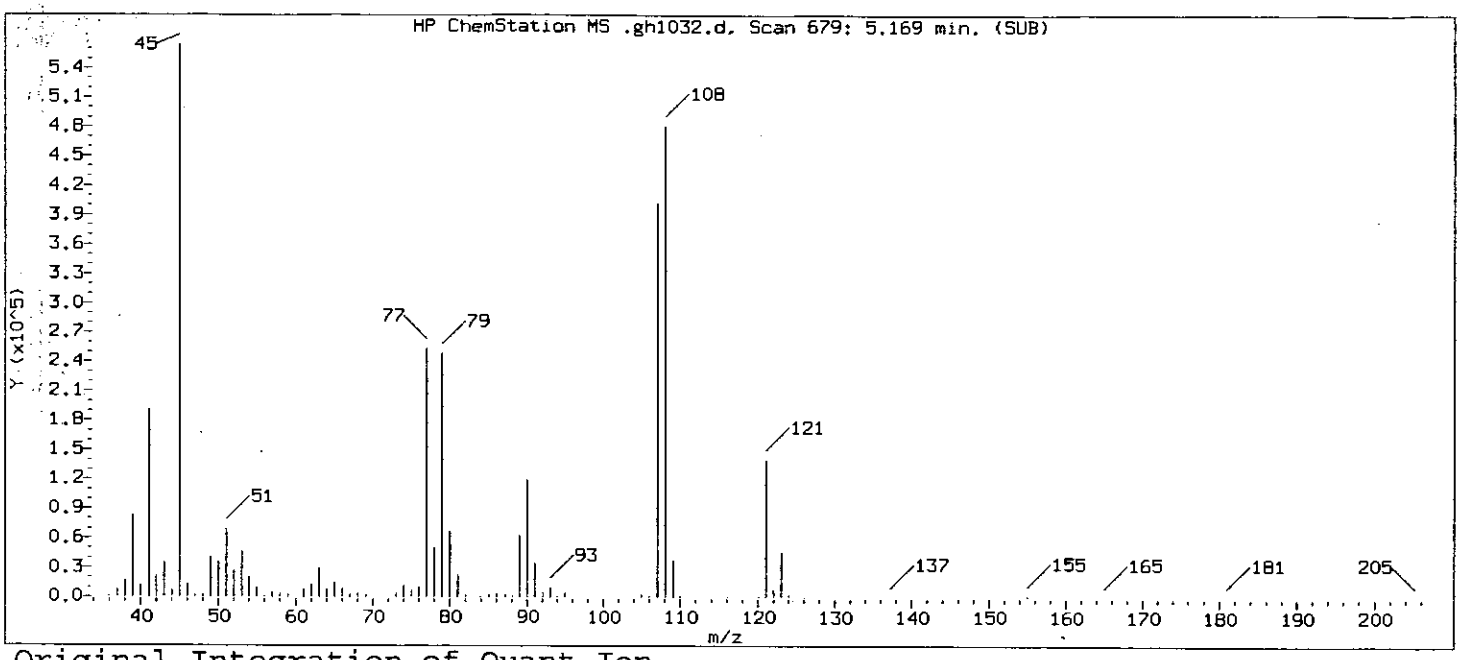
Compound Number	: 16
Compound Name	: Phenol
Scan Number	: 572
Retention Time (minutes)	: 4.596
Quant Ion	: 94
Area (flag)	: 1705344A
Concentration (ng/ul)	: 119.0899
Integration start scan	: 567 Integration stop scan: 578
Y at integration start	: 261 Y at integration end: 266

Reason for manual integration (circle one): missed peak improper integration

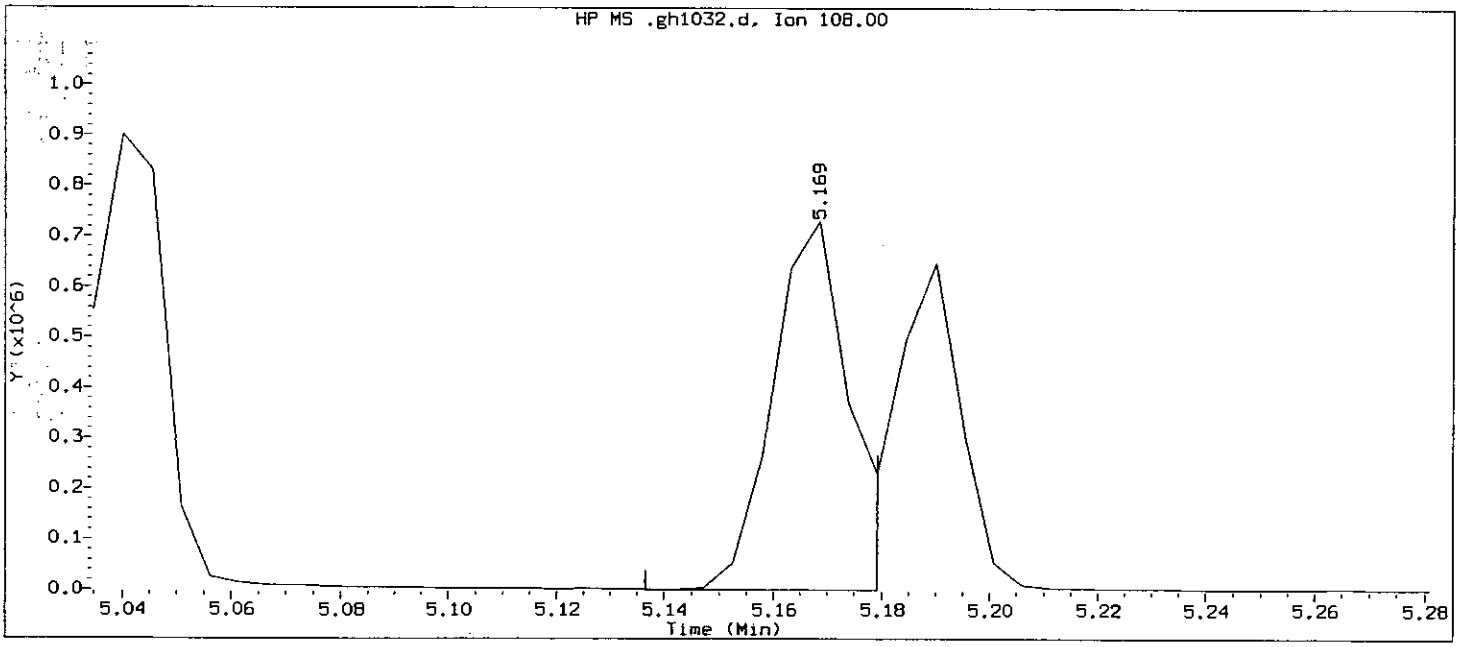
Analyst responsible for change: 1970 8/29/07

GC/MS audit/management approval: 0586 8/30/07

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP11165.i/07aug29a.b/gh1032.d Instrument ID: HP11165.i
Injection date and time: 29-AUG-2007 16:43 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07aug29a.b/minti.m Sublist used: all1
Calibration date and time: 29-AUG-2007 17:00
Date, time and analyst ID of latest file update: 29-Aug-2007 17:00 Automation

Sample Name: SSTD120 Lab Sample ID: STD2407

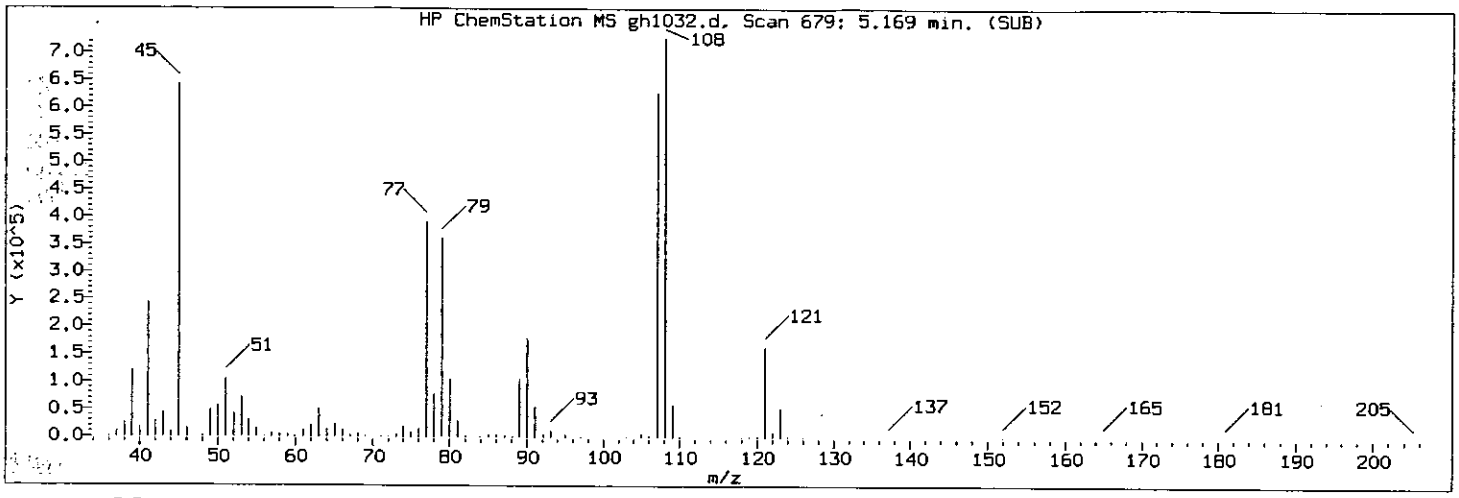
Compound Number	: 26
Compound Name	: 2-Methylphenol
Scan Number	: 679
Retention Time (minutes)	: 5.169
Quant Ion	: 108
Area	: 699052
Concentration (ng/ul)	: 88.3966
Integration start scan	: 672 Integration stop scan: 680
Y at integration start	: 0 Y at integration end: 0

GB 1470 1/29/07

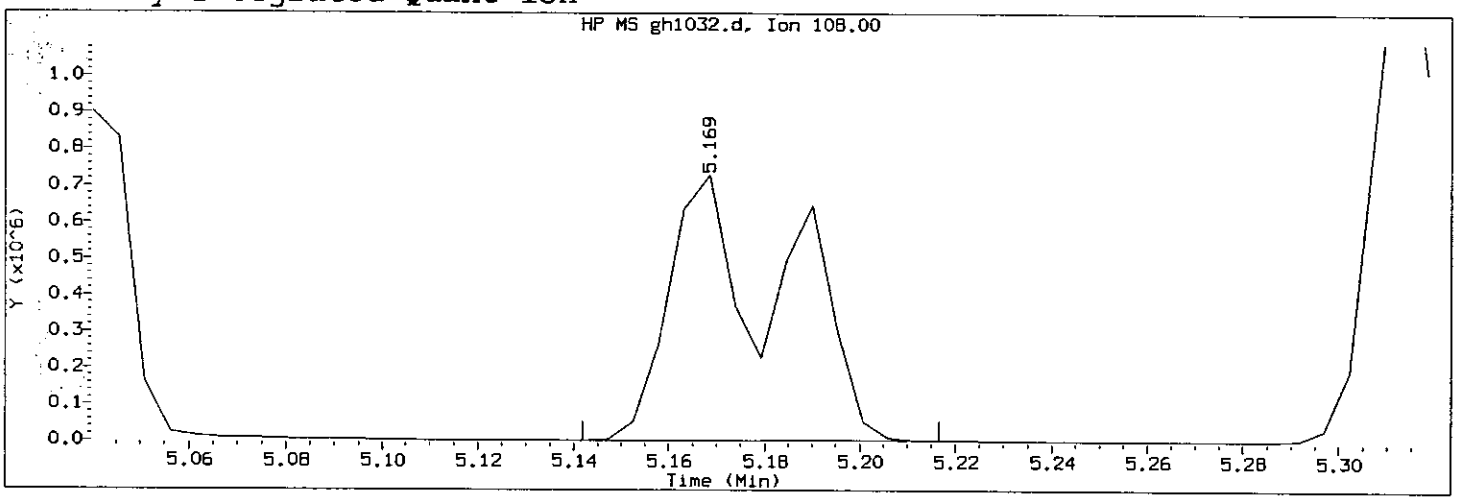
8687

Original Integration Report for data file /chem/HP11165.i/07aug29a.b/gh1032.d, generated on 08/29/2007 at 17:05

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP11165.i/07aug29a.b/gh1032.d Instrument ID: HP11165.i
Injection date and time: 29-AUG-2007 16:43 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07aug29a.b/minti.m Sublist used: all
Calibration date and time: 29-AUG-2007 17:05
Date, time and analyst ID of latest file update: 29-Aug-2007 17:05 gjd01970

Sample Name: SSTD120 Lab Sample ID: STD2407

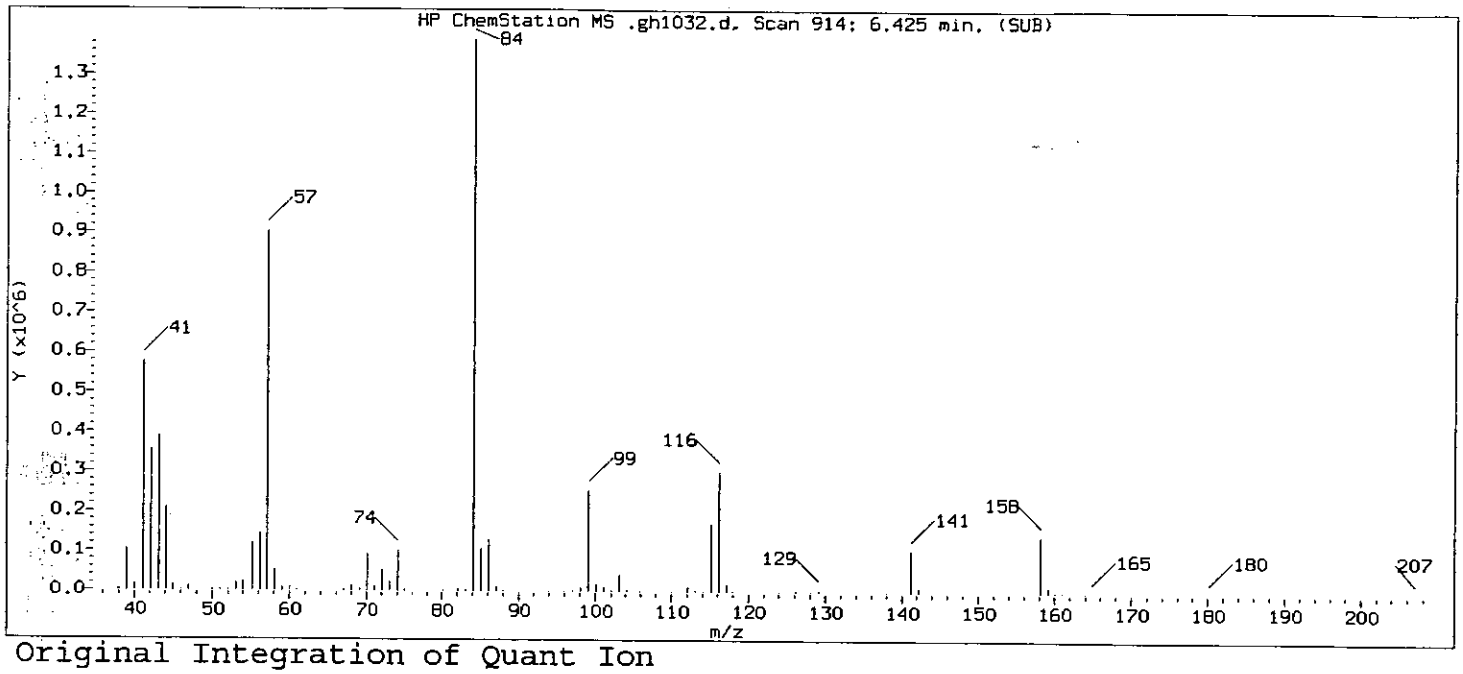
Compound Number	: 26		
Compound Name	: 2-Methylphenol		
Scan Number	: 679		
Retention Time (minutes)	: 5.169		
Quant Ion	: 108		
Area (flag)	: 1211274	M	
Concentration (ng/ul)	: 120.6161		
Integration start scan	: 673	Integration stop scan:	687
Y at integration start	: 1473	Y at integration end:	3897

Reason for manual integration (circle one): missed peak (improper integration)

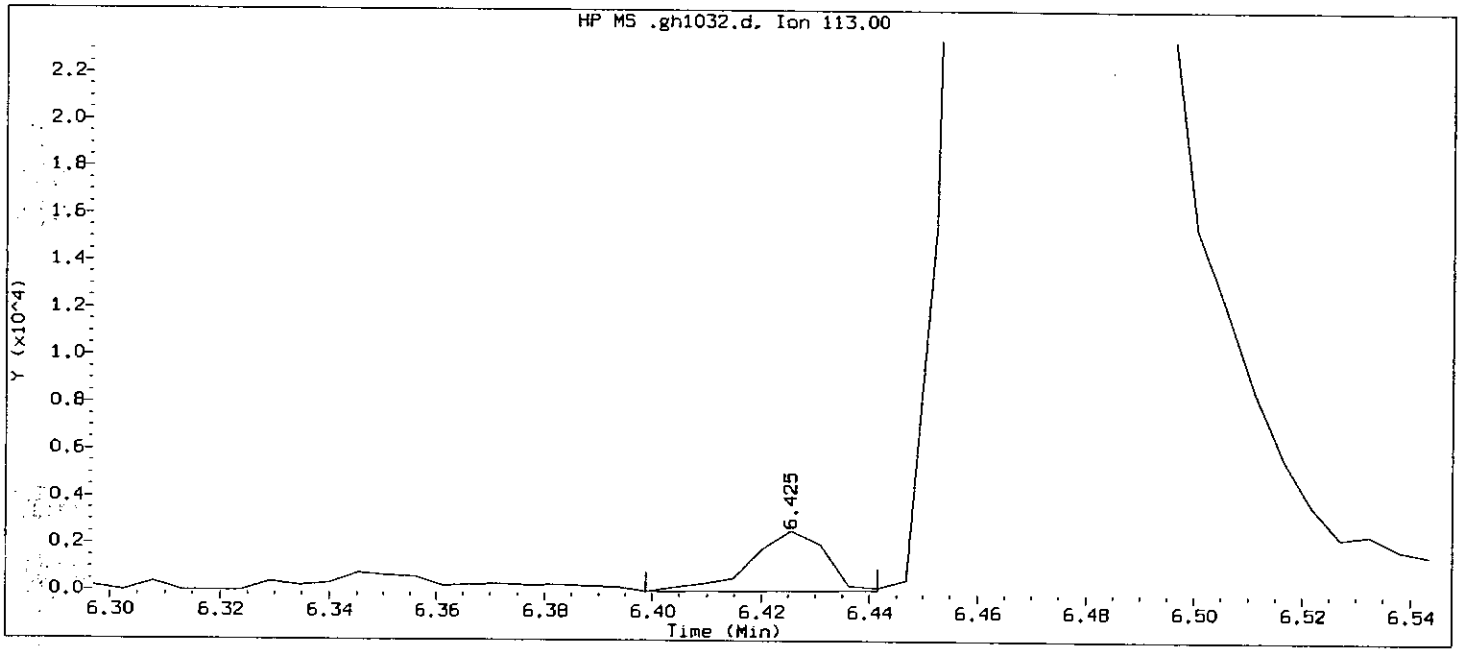
Analyst responsible for change: 1970 8/29/07

GC/MS audit/management approval: 8/30/07

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP11165.i/07aug29a.b/gh1032.d Instrument ID: HP11165.i
Injection date and time: 29-AUG-2007 16:43 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07aug29a.b/minti.m Sublist used: all1
Calibration date and time: 29-AUG-2007 17:00
Date, time and analyst ID of latest file update: 29-Aug-2007 17:00 Automation

Sample Name: SSTD120 Lab Sample ID: STD2407

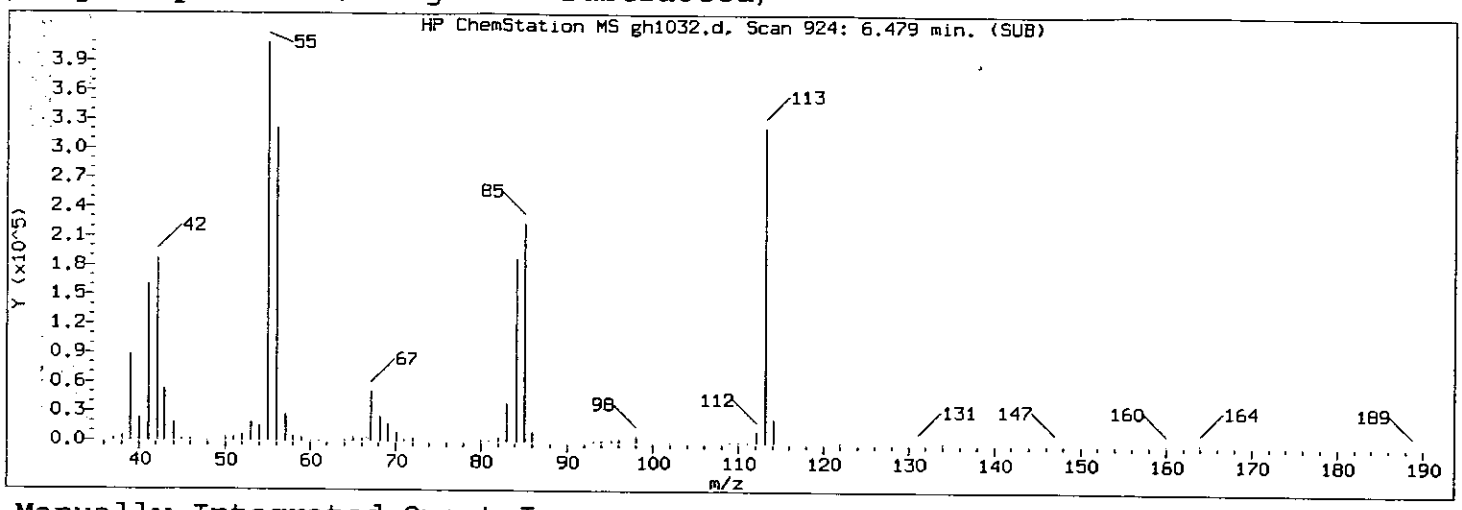
Compound Number	: 62
Compound Name	: Caprolactam
Scan Number	: 914
Retention Time (minutes)	: 6.425
Quant Ion	: 113
Area	: 2445
Concentration (ng/ul)	: 1.1728
Integration start scan	: 908 Integration stop scan: 916
Y at integration start	: 0 Y at integration end: 79

CB/97a 8/29/9

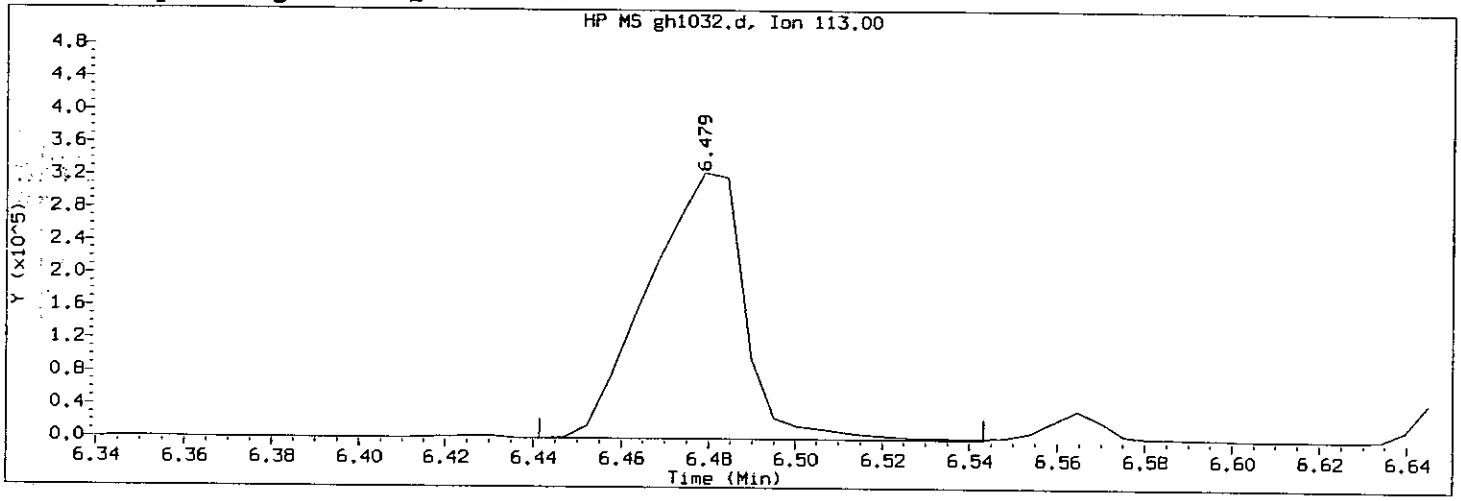
8689

Original Integration Report for data file /chem/HP11165.i/07aug29a.b/gh1032.d, generated on 08/29/2007 at 17:05

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP11165.i/07aug29a.b/gh1032.d Instrument ID: HP11165.i
Injection date and time: 29-AUG-2007 16:43 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07aug29a.b/minti.m Sublist used: all
Calibration date and time: 29-AUG-2007 17:05
Date, time and analyst ID of latest file update: 29-Aug-2007 17:05 gjd01970

Sample Name: SSTD120 Lab Sample ID: STD2407

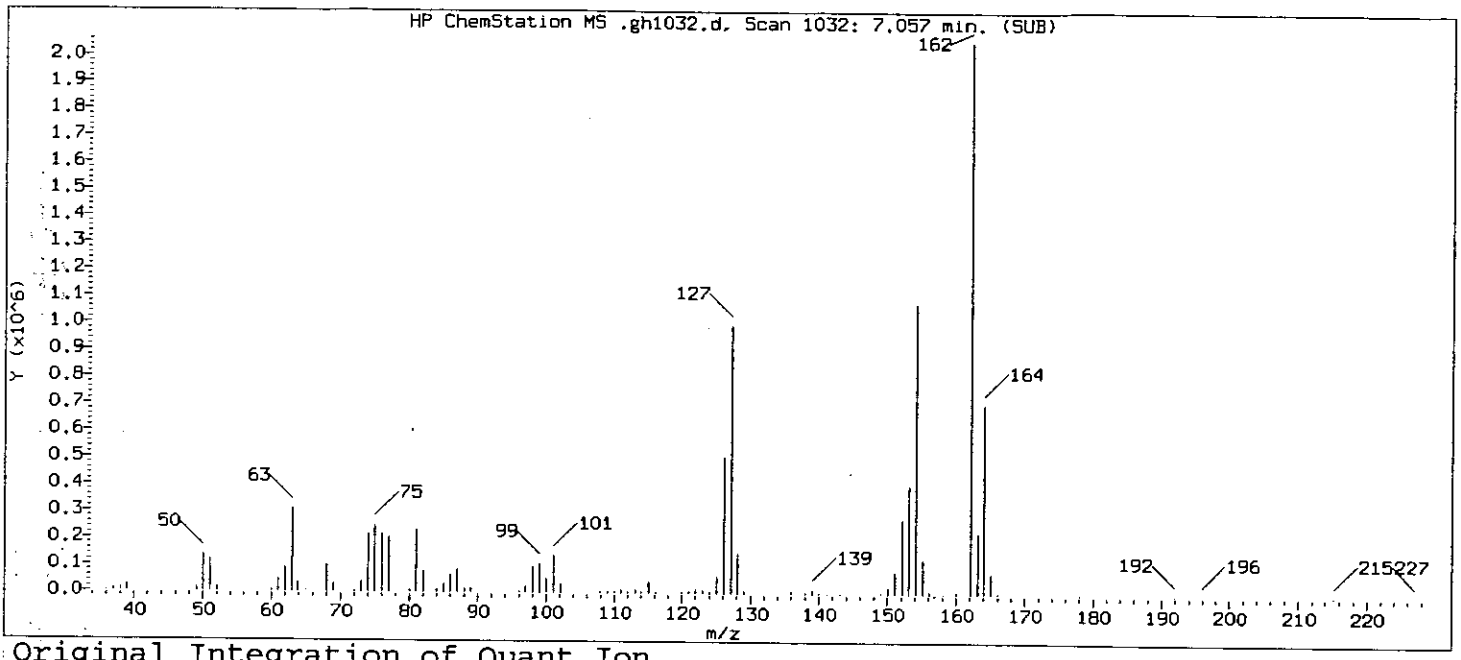
Compound Number : 62
Compound Name : Caprolactam
Scan Number : 924
Retention Time (minutes): 6.479
Quant Ion : 113
Area (flag) : 496918A
Concentration (ng/ul) : 119.8669
Integration start scan : 916 Integration stop scan: 935
Y at integration start : 79 Y at integration end: 237

Reason for manual integration (circle one): missed peak (improper integration)

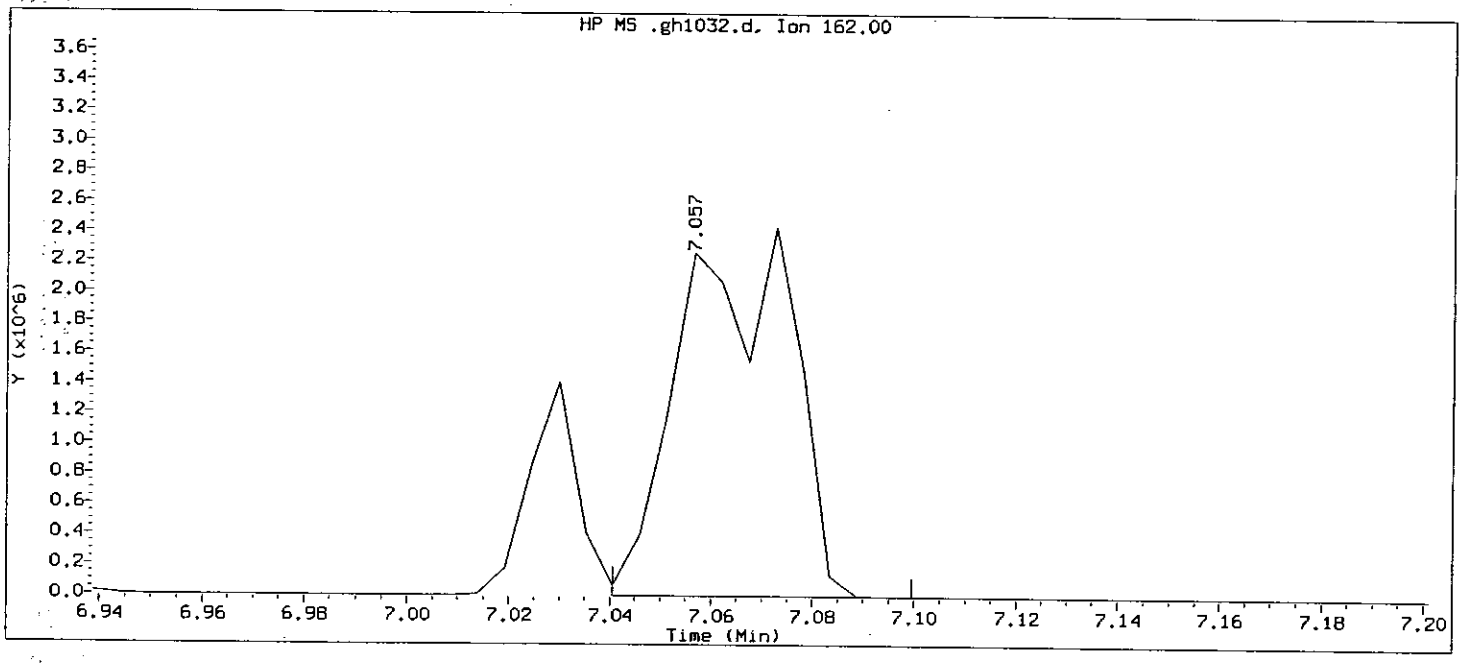
Analyst responsible for change: [signature] 1476 8/29/07

GC/MS audit/management approval: [signature] 8/30/07 0618

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP11165.i/07aug29a.b/gh1032.d Instrument ID: HP11165.i
Injection date and time: 29-AUG-2007 16:43 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07aug29a.b/minti.m Sublist used: all1
Calibration date and time: 29-AUG-2007 17:00
Date, time and analyst ID of latest file update: 29-Aug-2007 17:00 Automation

Sample Name: SSTD120 Lab Sample ID: STD2407

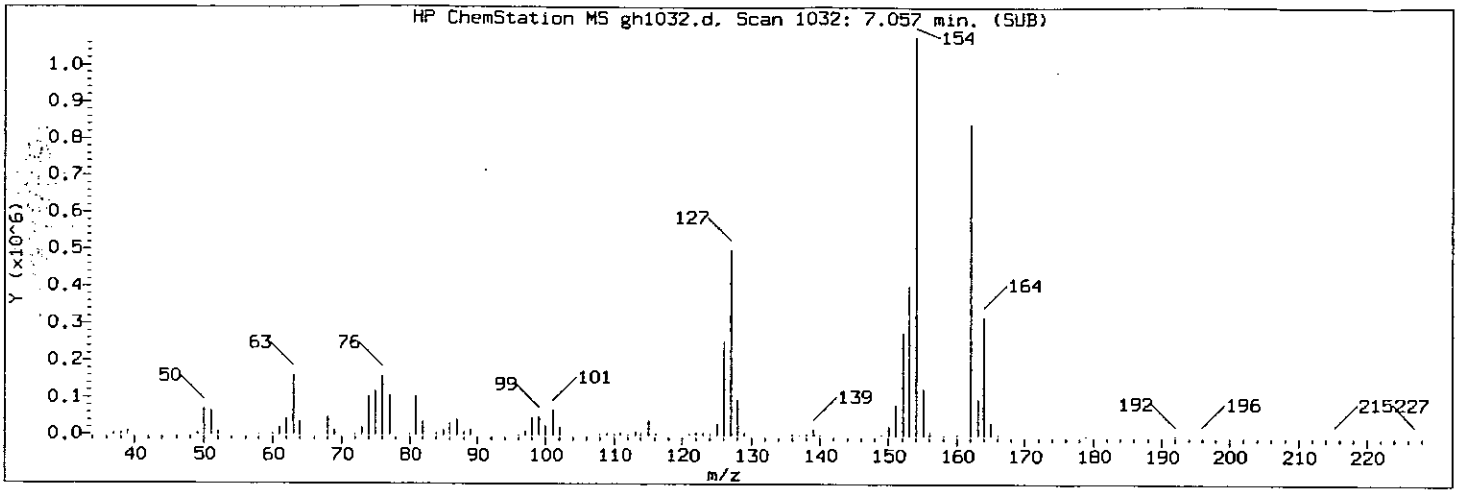
Compound Number	: 83
Compound Name	: 2-Chloronaphthalene
Scan Number	: 1032
Retention Time (minutes)	: 7.057
Quant Ion	: 162
Area	: 3718960
Concentration (ng/ul)	: 154.7729
Integration start scan	: 1028 Integration stop scan: 1039
Y at integration start	: 131 Y at integration end: 113

GB/1470 8/29/07

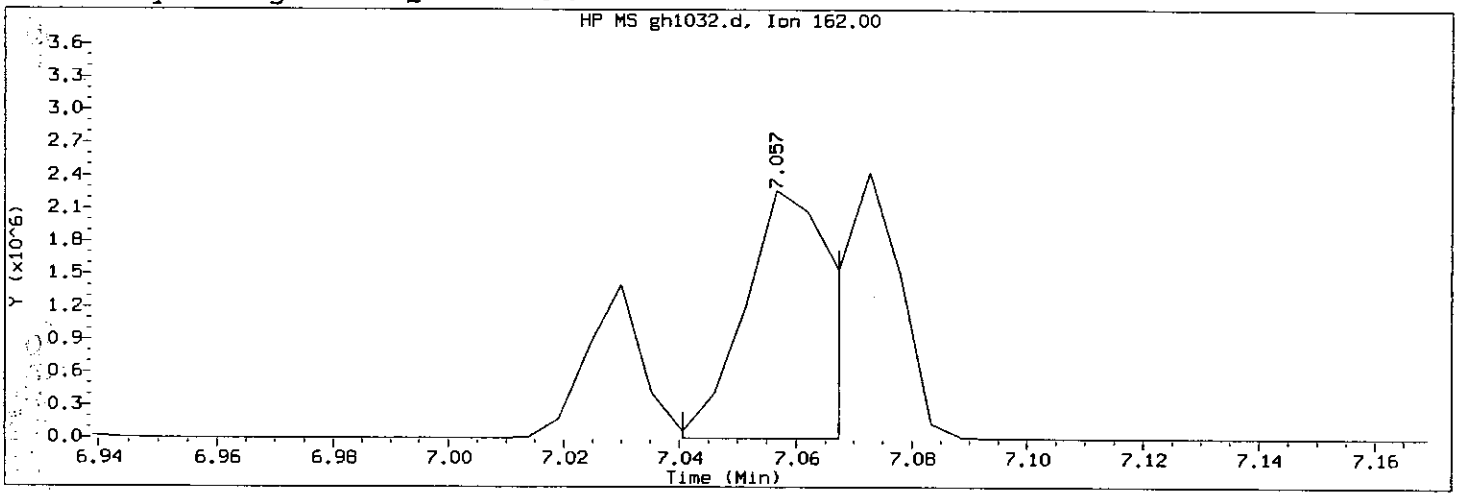
0611

Original Integration Report for data file /chem/HP11165.i/07aug29a.b/gh1032.d, generated on 08/29/2007 at 17:05

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP11165.i/07aug29a.b/gh1032.d Instrument ID: HP11165.i
Injection date and time: 29-AUG-2007 16:43 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07aug29a.b/minti.m Sublist used: all1
Calibration date and time: 29-AUG-2007 17:05
Date, time and analyst ID of latest file update: 29-Aug-2007 17:05 gjd01970

Sample Name: SSTD120 Lab Sample ID: STD2407

Compound Number : 83
Compound Name : 2-Chloronaphthalene
Scan Number : 1032
Retention Time (minutes): 7.057
Quant Ion : 162
Area (flag) : 2425928 M
Concentration (ng/ul) : 130.1403
Integration start scan : 1028 Integration stop scan: 1033
Y at integration start : 131 Y at integration end: 123

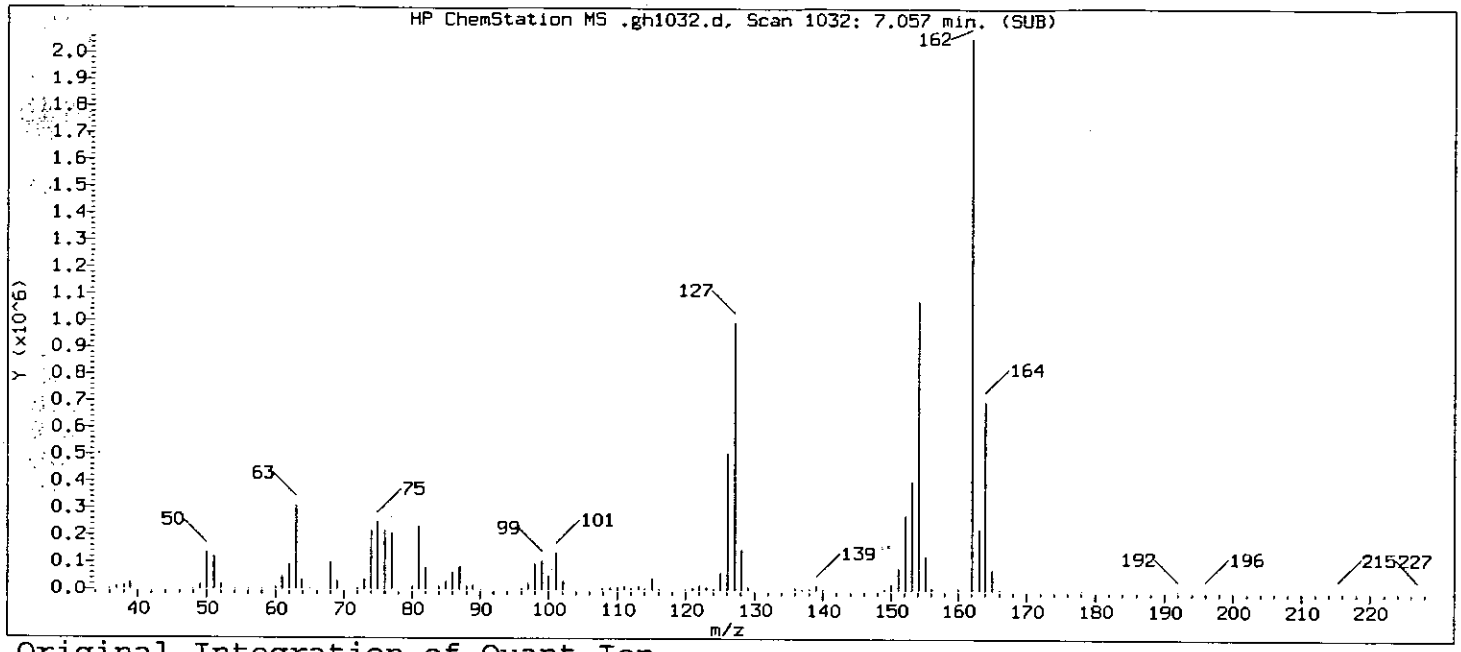
Reason for manual integration (circle one): missed peak improper integration

Analyst responsible for change: [signature] 670 8/29/7

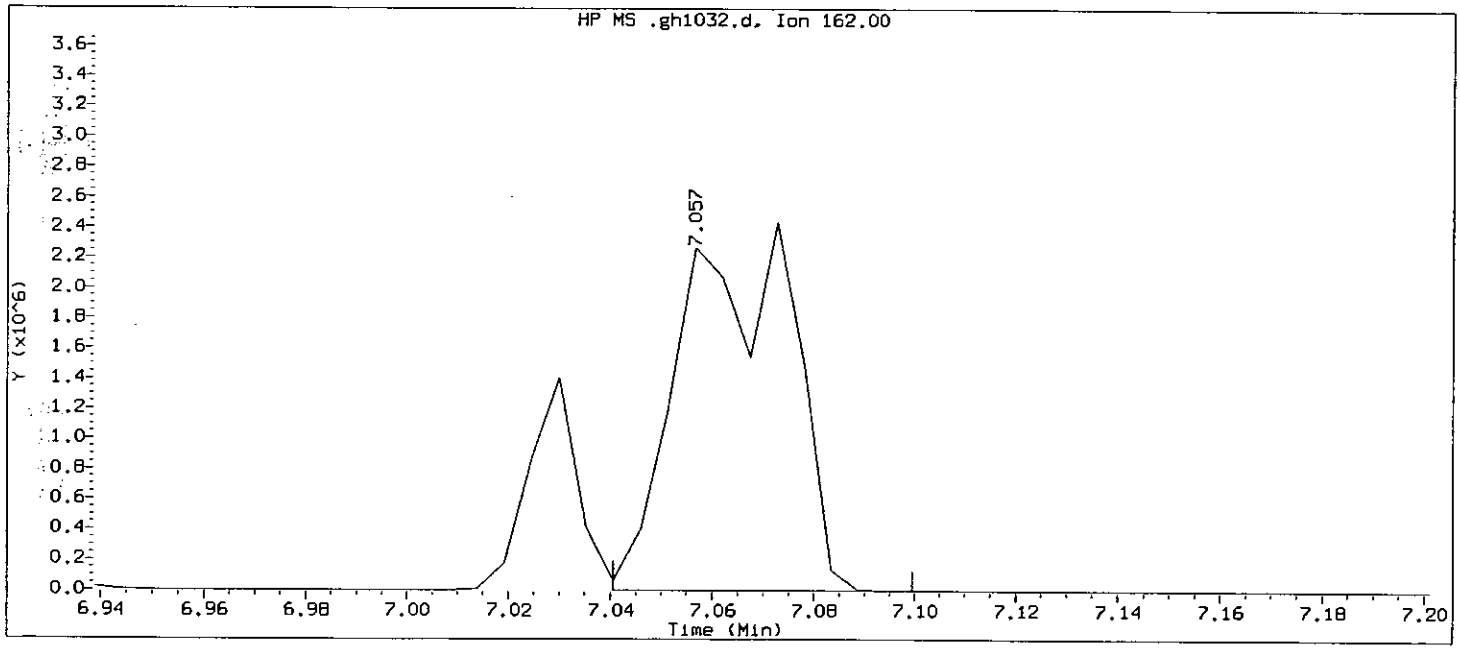
GC/MS audit/management approval: [signature] 8/30/07

Manual Integration Report for data file /chem/HP11165.i/07aug29a.b/gh1032.d, generated on 08/29/2007 at 17:05

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP11165.i/07aug29a.b/gh1032.d Instrument ID: HP11165.i
Injection date and time: 29-AUG-2007 16:43 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07aug29a.b/minti.m Sublist used: all1
Calibration date and time: 29-AUG-2007 17:00
Date, time and analyst ID of latest file update: 29-Aug-2007 17:00 Automation

Sample Name: SSTD120 Lab Sample ID: STD2407

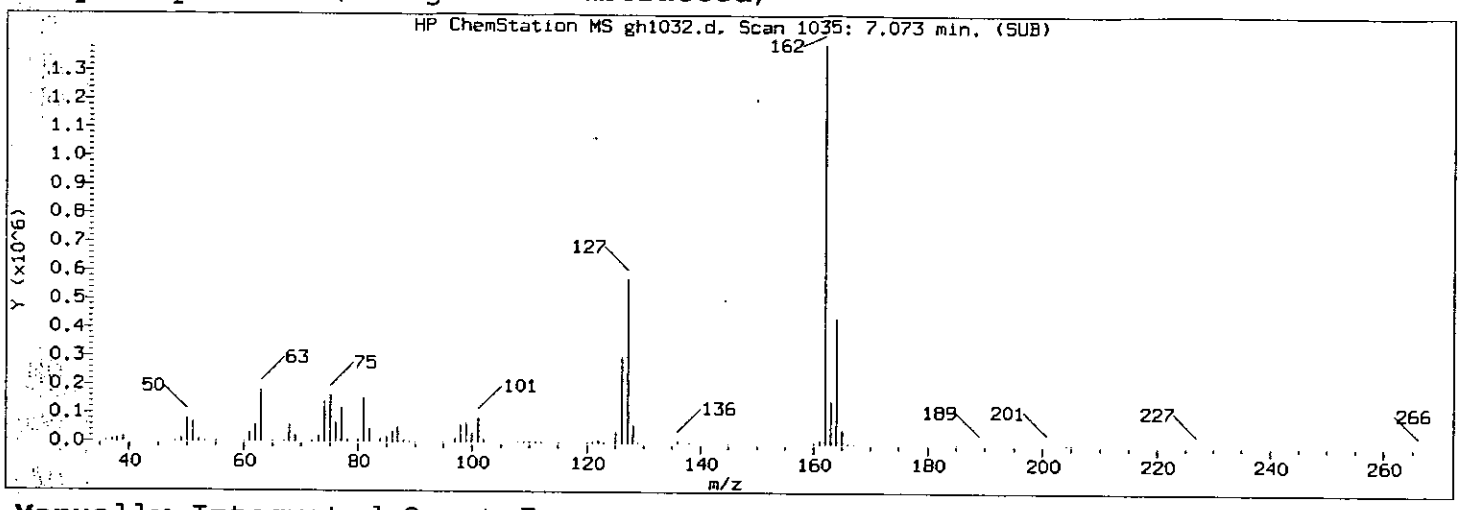
Compound Number : 84
Compound Name : 1-Chloronaphthalene
Scan Number : 1032
Retention Time (minutes): 7.057
Quant Ion : 162
Area : 3718269
Concentration (ng/ul) : 154.0859
Integration start scan : 1028 Integration stop scan: 1039
Y at integration start : 330 Y at integration end: 299

GB 8/29/07

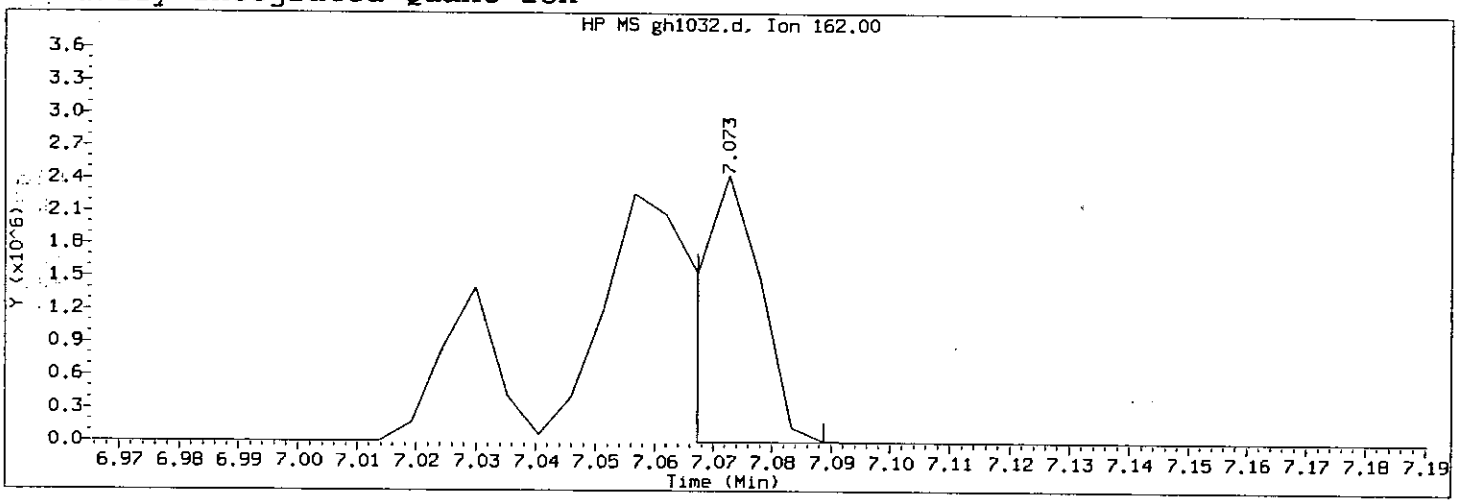
0613

Original Integration Report for data file /chem/HP11165.i/07aug29a.b/gh1032.d, generated on 08/29/2007 at 17:05

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP11165.i/07aug29a.b/gh1032.d Instrument ID: HP11165.i
Injection date and time: 29-AUG-2007 16:43 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07aug29a.b/minti.m Sublist used: all1
Calibration date and time: 29-AUG-2007 17:05
Date, time and analyst ID of latest file update: 29-Aug-2007 17:05 gjd01970

Sample Name: SSTD120 Lab Sample ID: STD2407

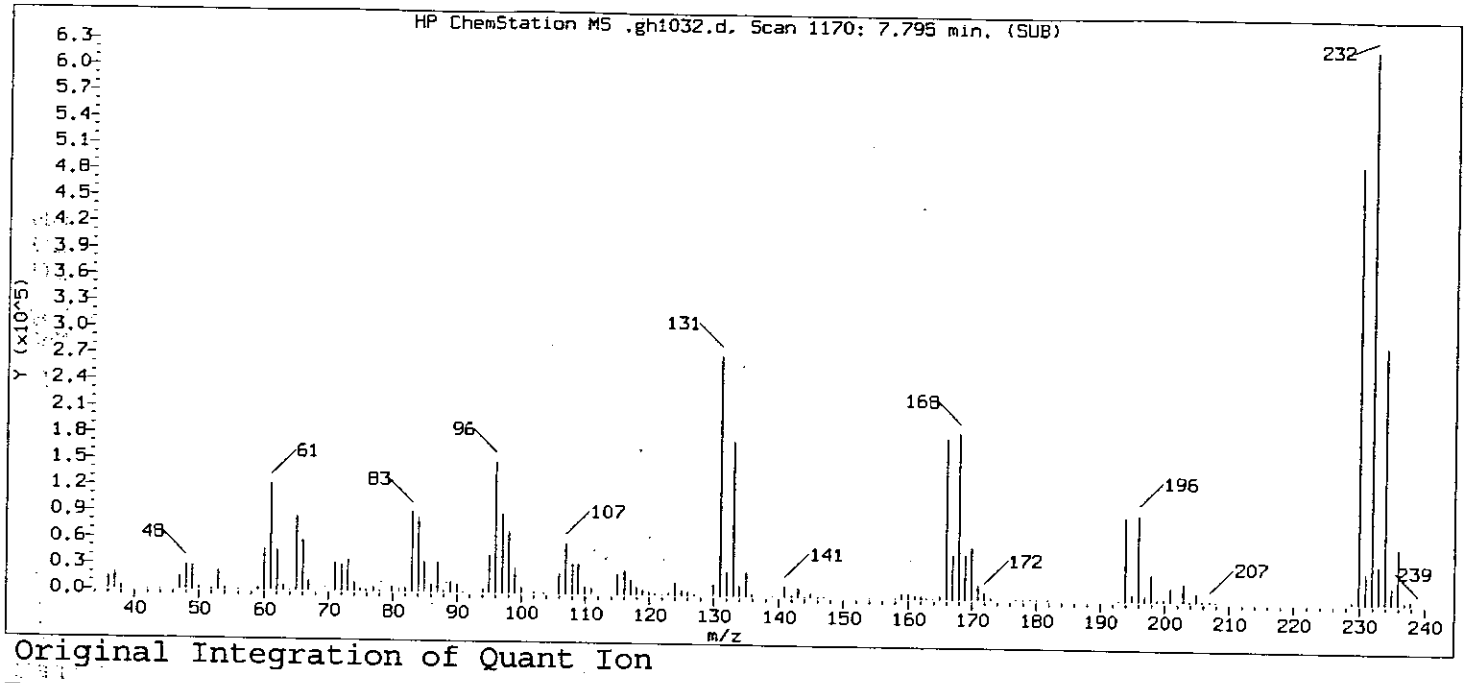
Compound Number	: 84
Compound Name	: 1-Chloronaphthalene
Scan Number	: 1035
Retention Time (minutes)	: 7.073
Quant Ion	: 162
Area (flag)	: 1799321 M
Concentration (ng/ul)	: 111.5130
Integration start scan	: 1033 Integration stop scan: 1037
Y at integration start	: 0 Y at integration end: 0

Reason for manual integration (circle one): missed peak (improper integration)

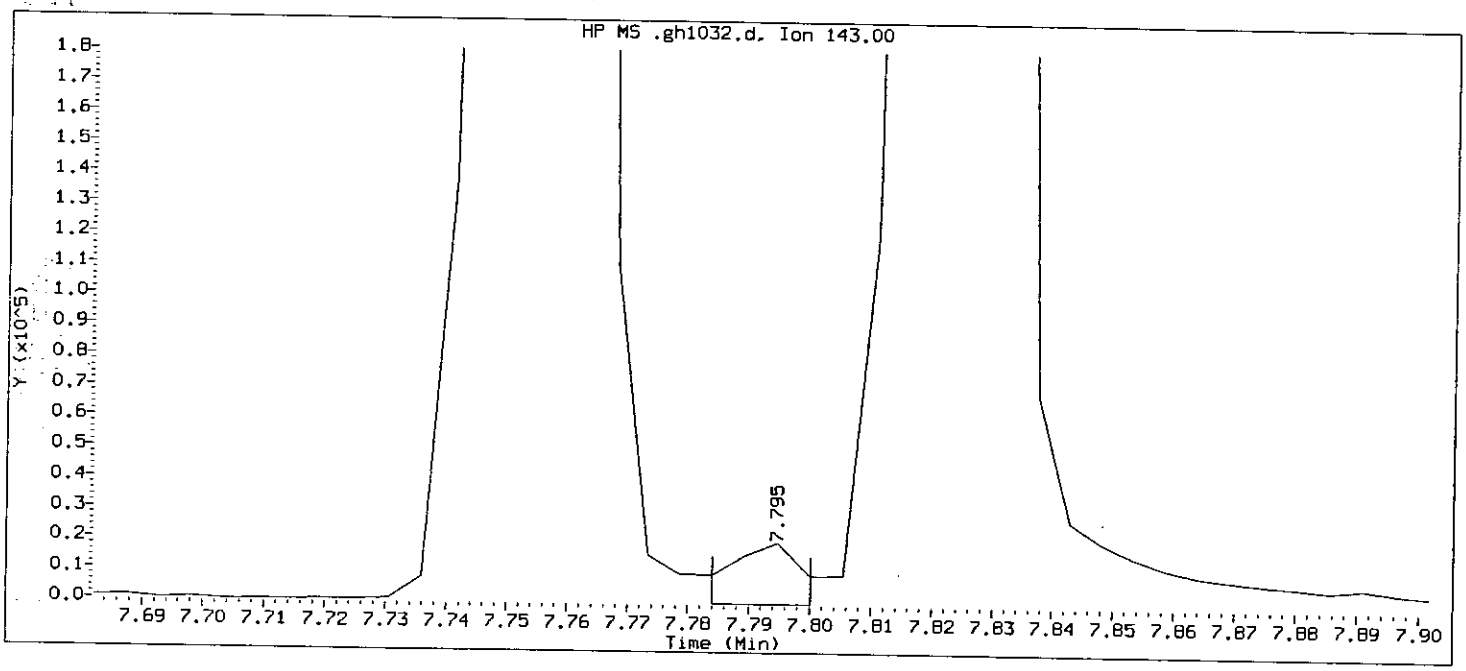
Analyst responsible for change: GJD 8/29/07

GC/MS audit/management approval: 8614 8/30/07

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP11165.i/07aug29a.b/gh1032.d Instrument ID: HP11165.i
Injection date and time: 29-AUG-2007 16:43 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07aug29a.b/minti.m Sublist used: all1
Calibration date and time: 29-AUG-2007 17:00
Date, time and analyst ID of latest file update: 29-Aug-2007 17:00 Automation

Sample Name: SSTD120 Lab Sample ID: STD2407

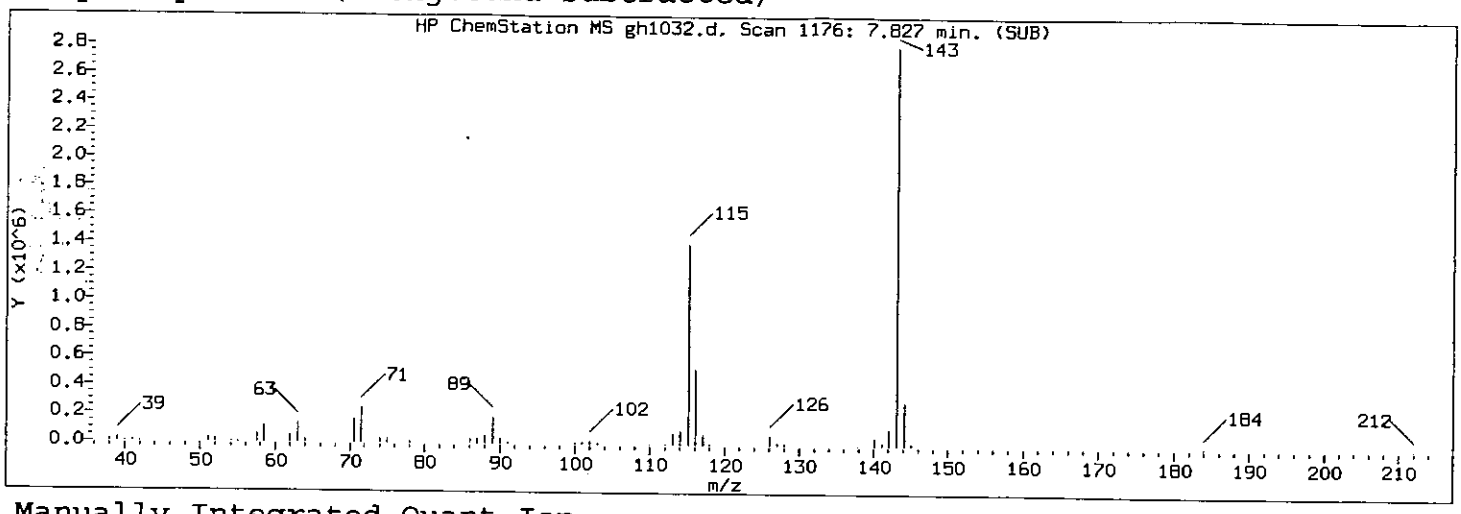
Compound Number	: 107
Compound Name	: 2-Naphthylamine
Scan Number	: 1170
Retention Time (minutes)	: 7.795
Quant Ion	: 143
Area	: 14516
Concentration (ng/ul)	: 1.3954
Integration start scan	: 1167 Integration stop scan: 1170
Y at integration start	: 0 Y at integration end: 0

GB 1970 8/29/7

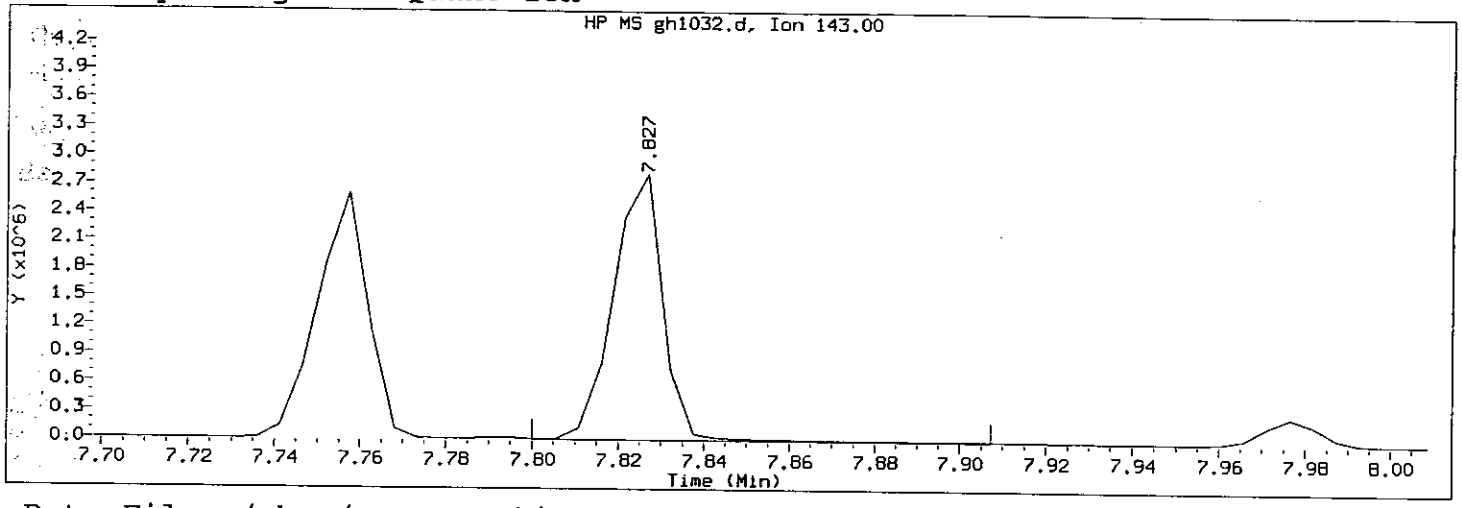
0615

Original Integration Report for data file /chem/HP11165.i/07aug29a.b/gh1032.d, generated on 08/29/2007 at 17:05

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP11165.i/07aug29a.b/gh1032.d Instrument ID: HP11165.i
Injection date and time: 29-AUG-2007 16:43 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07aug29a.b/minti.m Sublist used: all1
Calibration date and time: 29-AUG-2007 17:05
Date, time and analyst ID of latest file update: 29-Aug-2007 17:05 gjd01970

Sample Name: SSTD120 Lab Sample ID: STD2407

Compound Number : 107
Compound Name : 2-Naphthylamine
Scan Number : 1176
Retention Time (minutes): 7.827
Quant Ion : 143
Area (flag) : 2268366A
Concentration (ng/ul) : 114.5949
Integration start scan : 1170 Integration stop scan: 1190
Y at integration start : 0 Y at integration end: 0

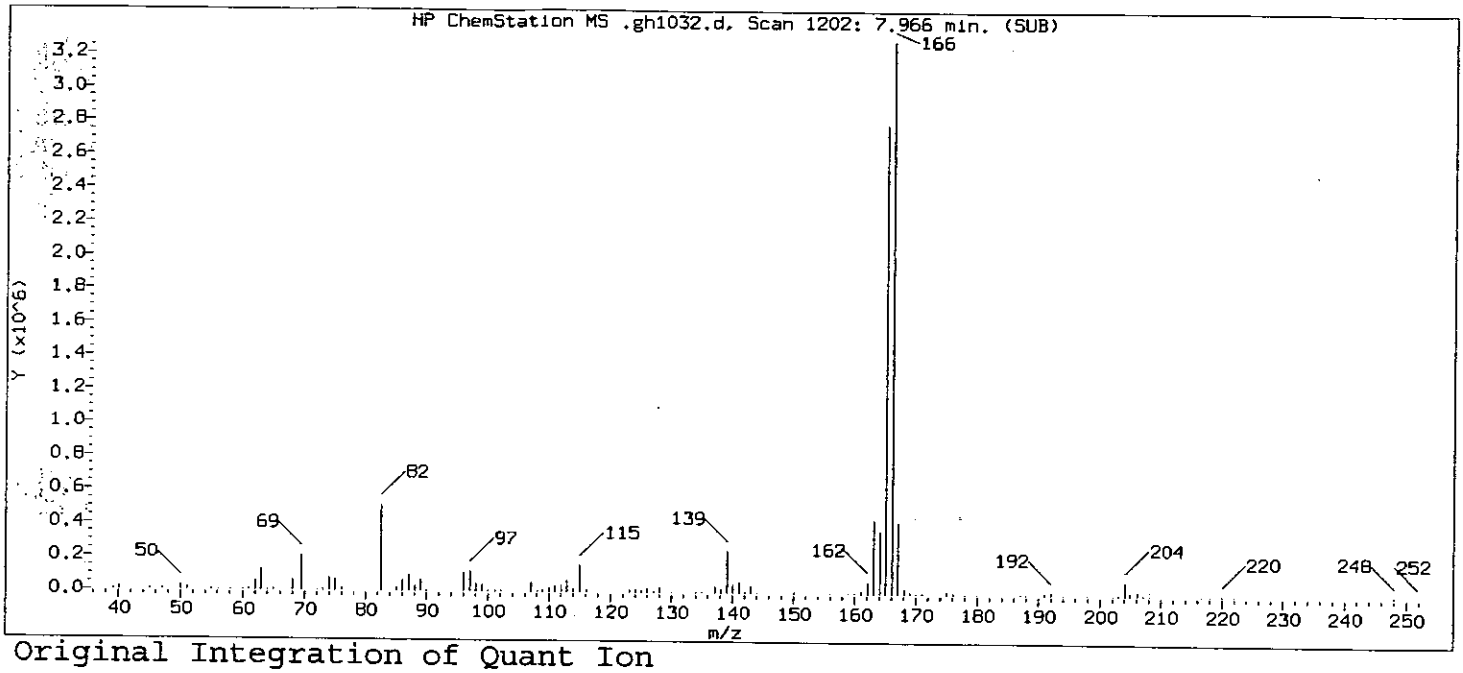
Reason for manual integration (circle one): missed peak improper integration

Analyst responsible for change: 1970 8/29/07

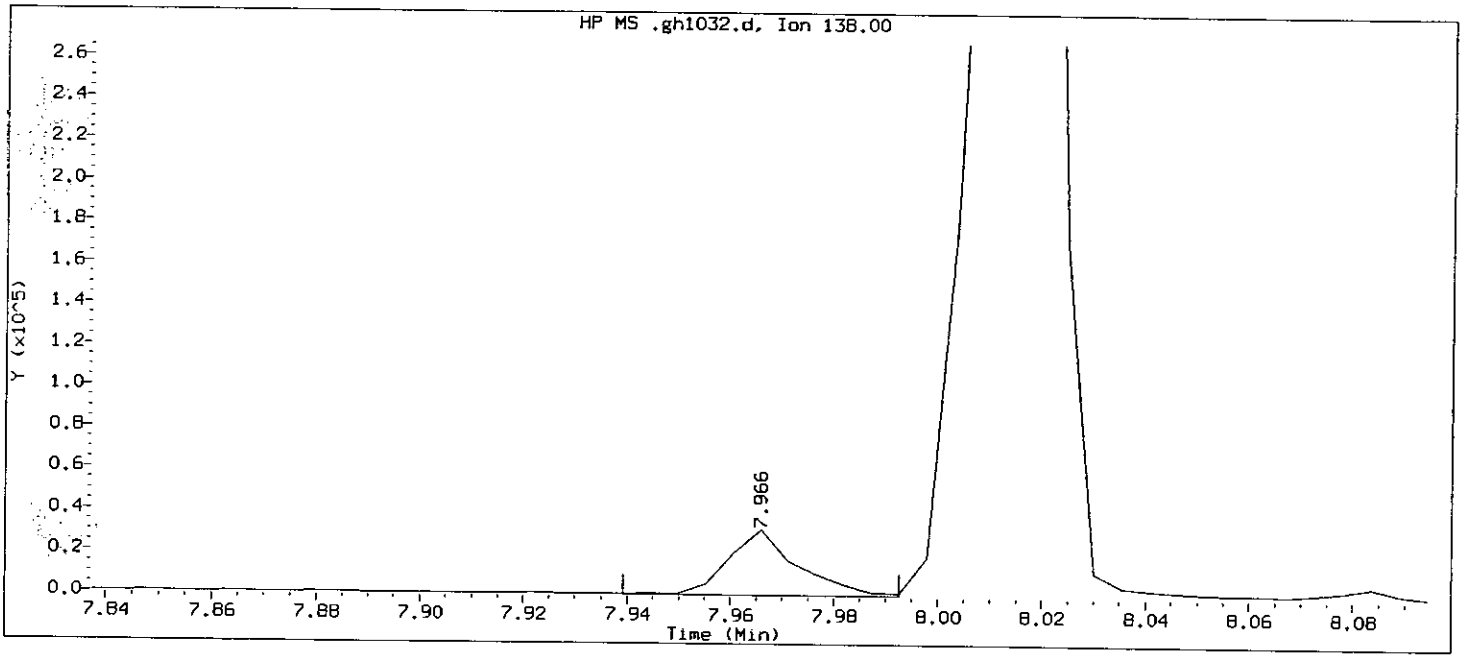
GC/MS audit/management approval: 8616 8/30/07

Manual Integration Report for data file /chem/HP11165.i/07aug29a.b/gh1032.d, generated on 08/29/2007 at 17:05

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP11165.i/07aug29a.b/gh1032.d Instrument ID: HP11165.i
Injection date and time: 29-AUG-2007 16:43 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07aug29a.b/minti.m Sublist used: all1
Calibration date and time: 29-AUG-2007 17:00
Date, time and analyst ID of latest file update: 29-Aug-2007 17:00 Automation

Sample Name: SSTD120 Lab Sample ID: STD2407

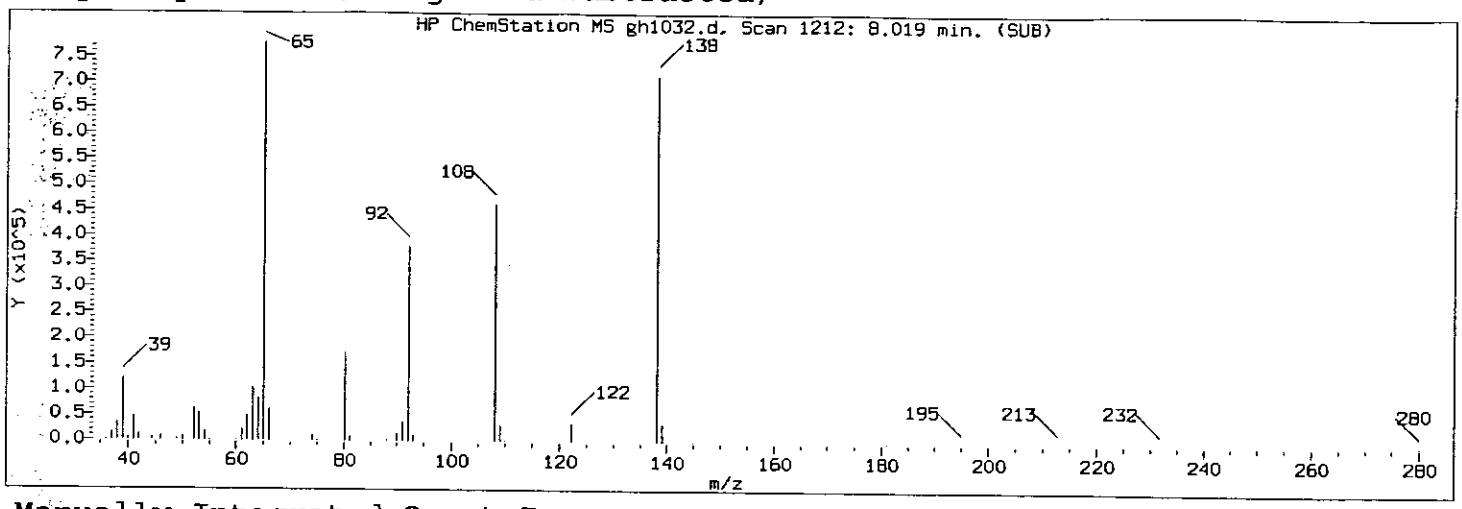
Compound Number	: 113
Compound Name	: 4-Nitroaniline
Scan Number	: 1202
Retention Time (minutes)	: 7.966
Quant Ion	: 138
Area	: 29334
Concentration (ng/ul)	: 9.8672
Integration start scan	: 1196 Integration stop scan: 1206
Y at integration start	: 63 Y at integration end: 63

GJ 8/29/07

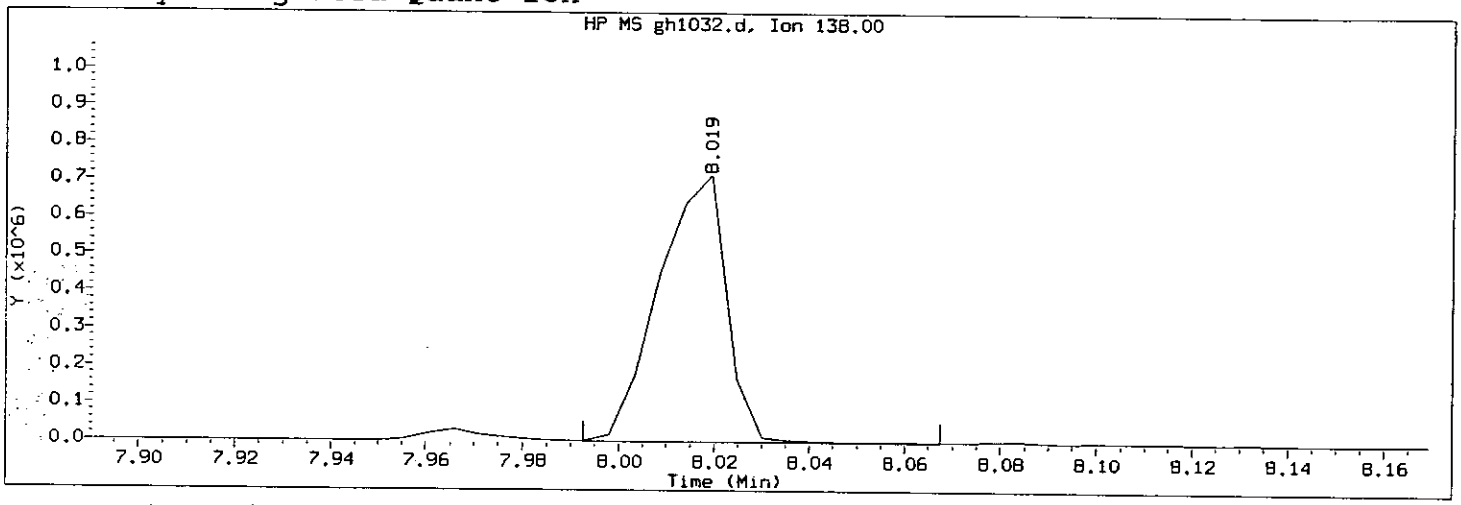
8617

Original Integration Report for data file /chem/HP11165.i/07aug29a.b/gh1032.d, generated on 08/29/2007 at 17:05

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP11165.i/07aug29a.b/gh1032.d Instrument ID: HP11165.i
Injection date and time: 29-AUG-2007 16:43 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07aug29a.b/minti.m Sublist used: all1
Calibration date and time: 29-AUG-2007 17:05
Date, time and analyst ID of latest file update: 29-Aug-2007 17:05 gjd01970

Sample Name: SSTD120 Lab Sample ID: STD2407

Compound Number	: 113
Compound Name	: 4-Nitroaniline
Scan Number	: 1212
Retention Time (minutes)	: 8.019
Quant Ion	: 138
Area (flag)	: 709094A
Concentration (ng/ul)	: 122.1460
Integration start scan	: 1206 Integration stop scan: 1220
Y at integration start	: 63 Y at integration end: 52

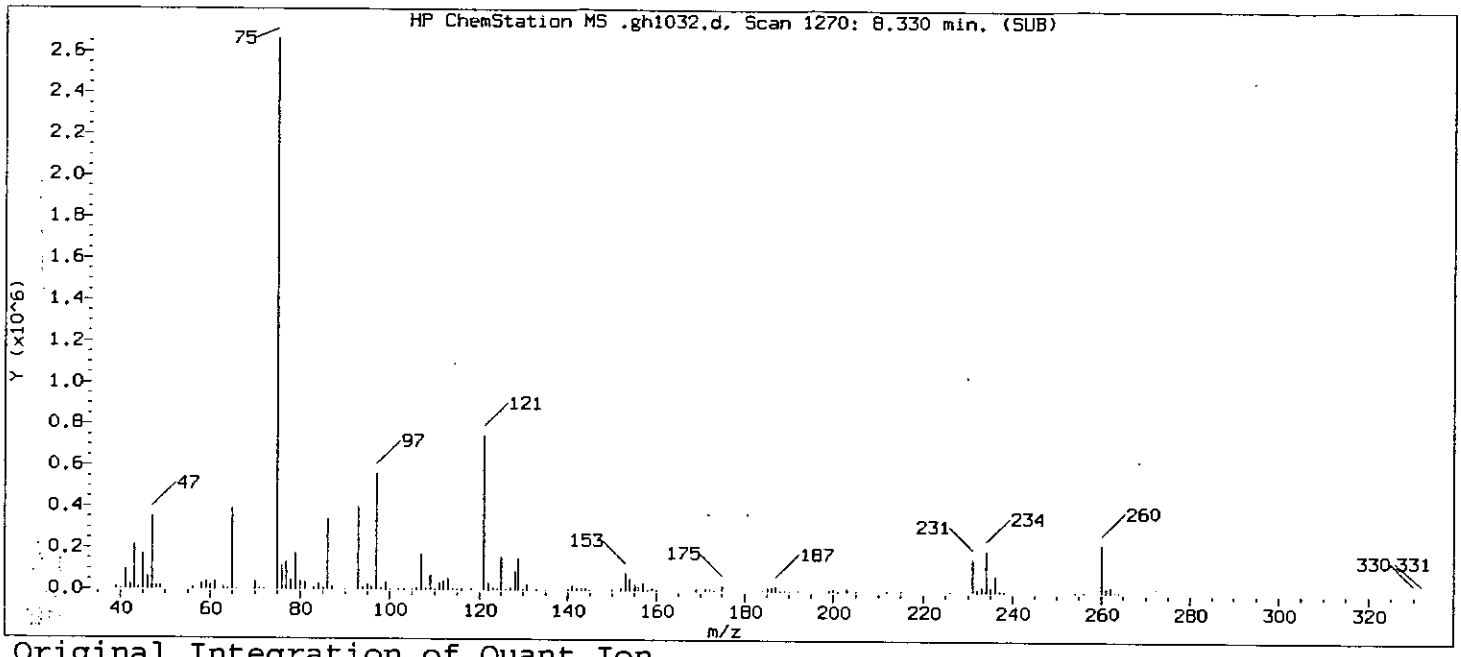
Reason for manual integration (circle one): missed peak improper integration

Analyst responsible for change: gjd 1970 8/29/07

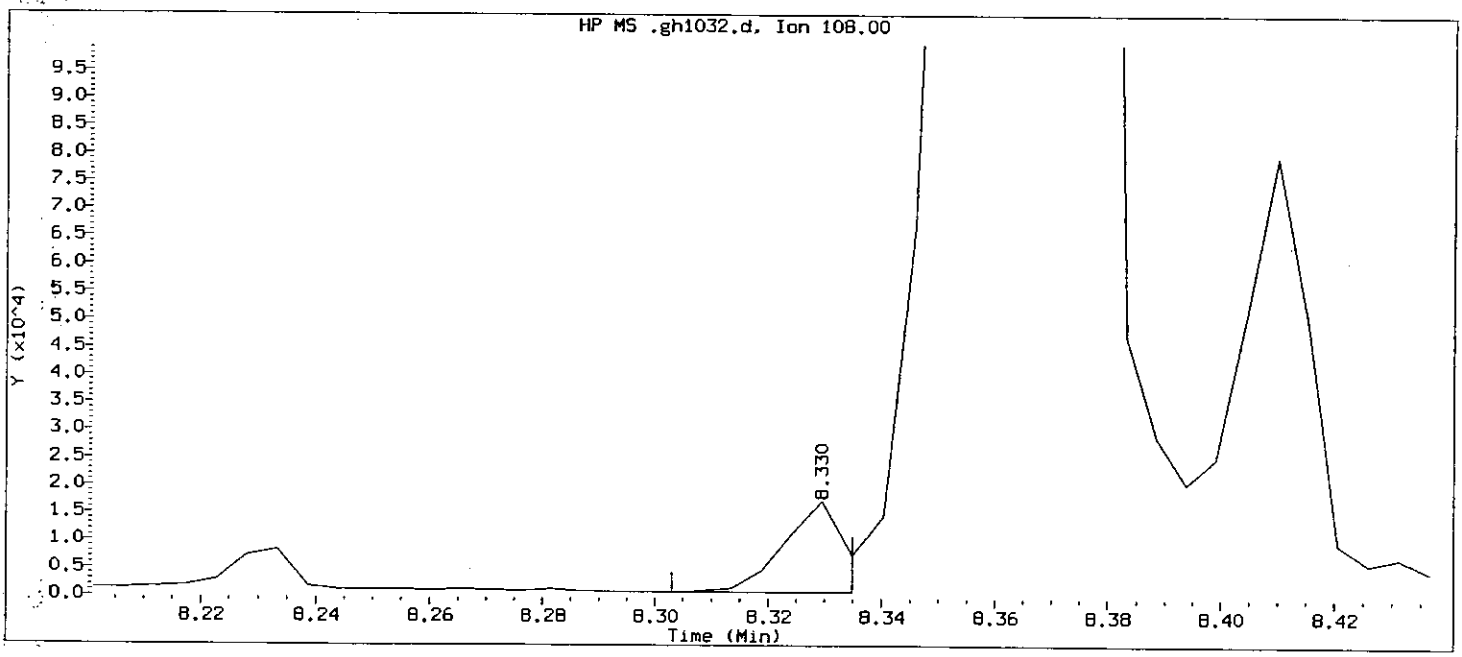
GC/MS audit/management approval: 8618 8/30/07

Manual Integration Report for data file /chem/HP11165.i/07aug29a.b/gh1032.d, generated on 08/29/2007 at 17:05

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP11165.i/07aug29a.b/gh1032.d Instrument ID: HP11165.i
Injection date and time: 29-AUG-2007 16:43 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07aug29a.b/minti.m Sublist used: all1
Calibration date and time: 29-AUG-2007 17:00
Date, time and analyst ID of latest file update: 29-Aug-2007 17:00 Automation

Sample Name: SSTD120 Lab Sample ID: STD2407

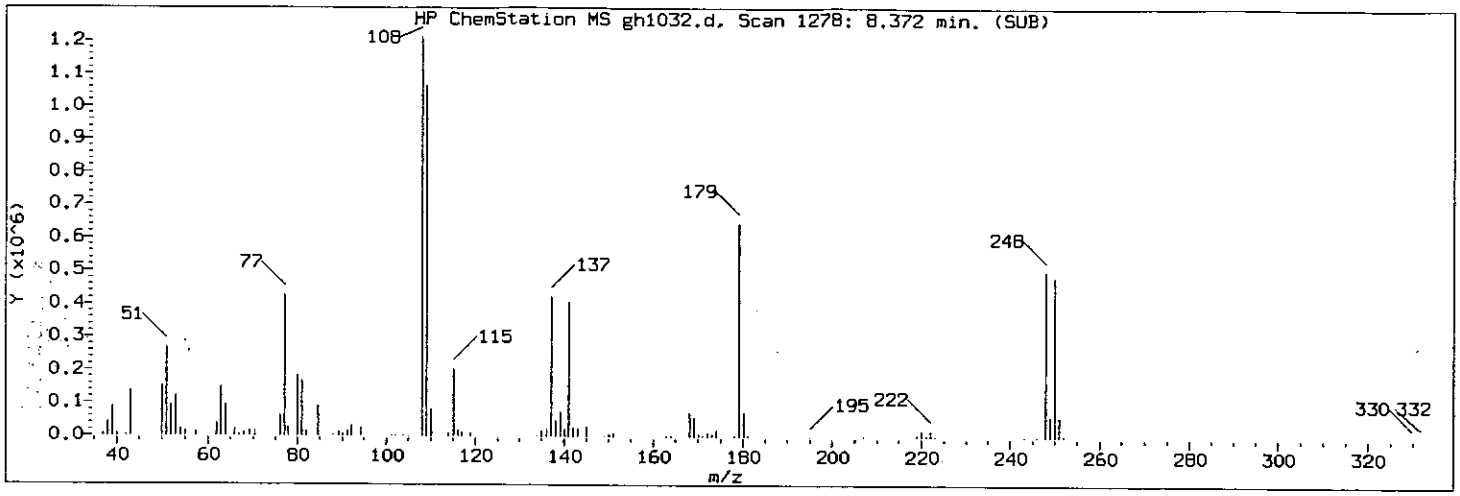
Compound Number	:	123
Compound Name	:	Phenacetin
Scan Number	:	1270
Retention Time (minutes)	:	8.330
Quant Ion	:	108
Area	:	11334
Concentration (ng/ul)	:	1.7521
Integration start scan	:	1264
Integration stop scan:		1270
Y at integration start	:	765
Y at integration end:		851

GJ1970 8/29/7

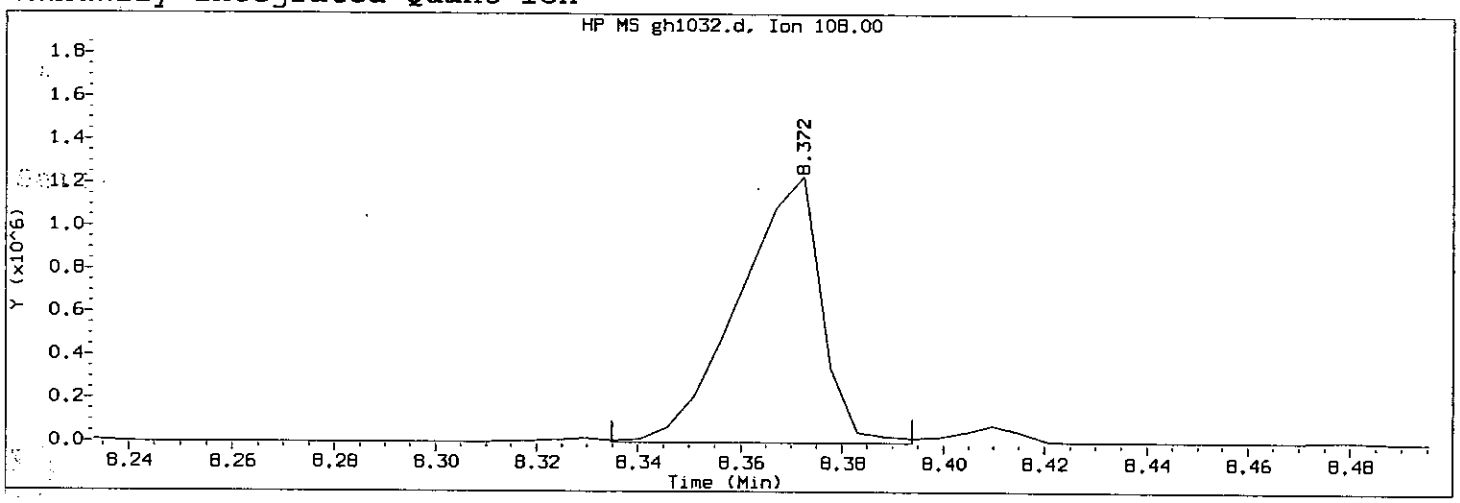
8619

Original Integration Report for data file /chem/HP11165.i/07aug29a.b/gh1032.d, generated on 08/29/2007 at 17:05

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP11165.i/07aug29a.b/gh1032.d Instrument ID: HP11165.i
Injection date and time: 29-AUG-2007 16:43 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07aug29a.b/minti.m Sublist used: all1
Calibration date and time: 29-AUG-2007 17:05
Date, time and analyst ID of latest file update: 29-Aug-2007 17:05 gjd01970

Sample Name: SSTD120 Lab Sample ID: STD2407

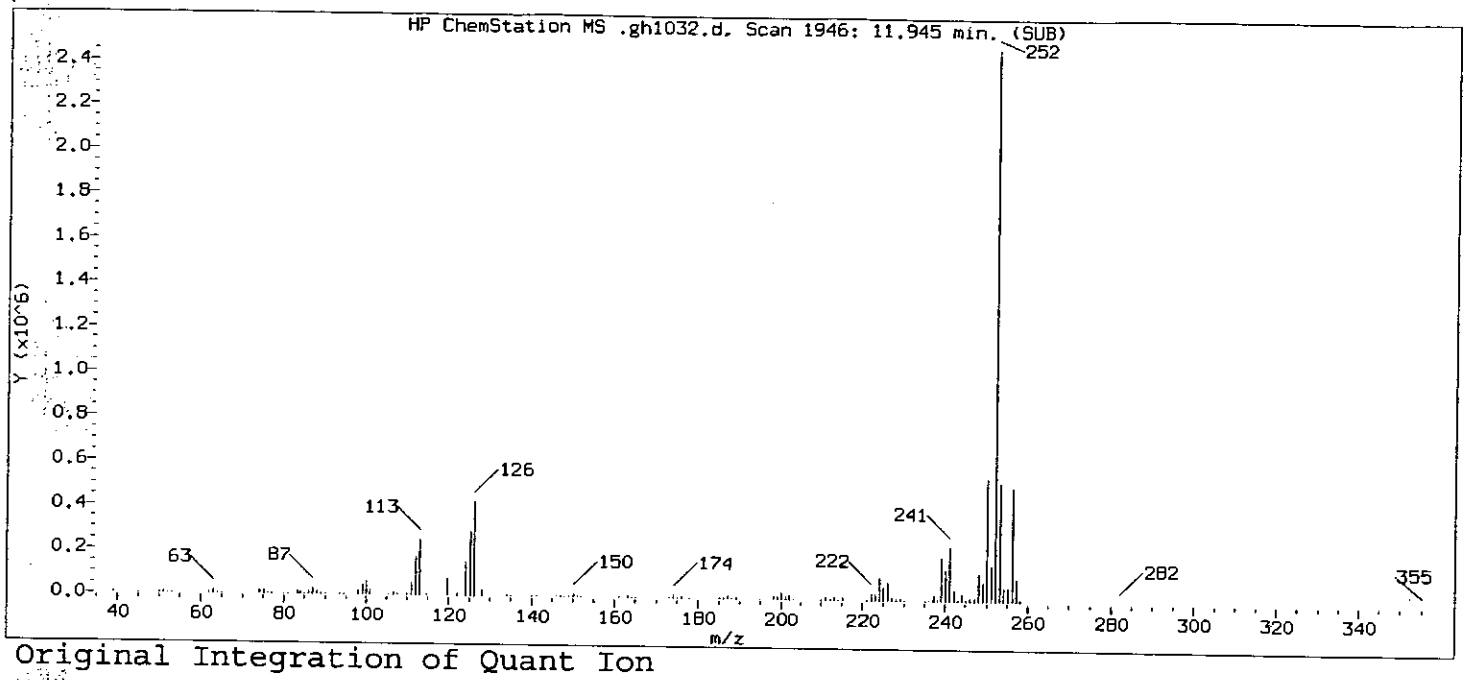
Compound Number	:	123
Compound Name	:	Phenacetin
Scan Number	:	1278
Retention Time (minutes)	:	8.372
Quant Ion	:	108
Area (flag)	:	1384985A
Concentration (ng/ul)	:	113.5941
Integration start scan	:	1270 Integration stop scan: 1281
Y at integration start	:	851 Y at integration end: 1011

Reason for manual integration (circle one): missed peak (improper integration)

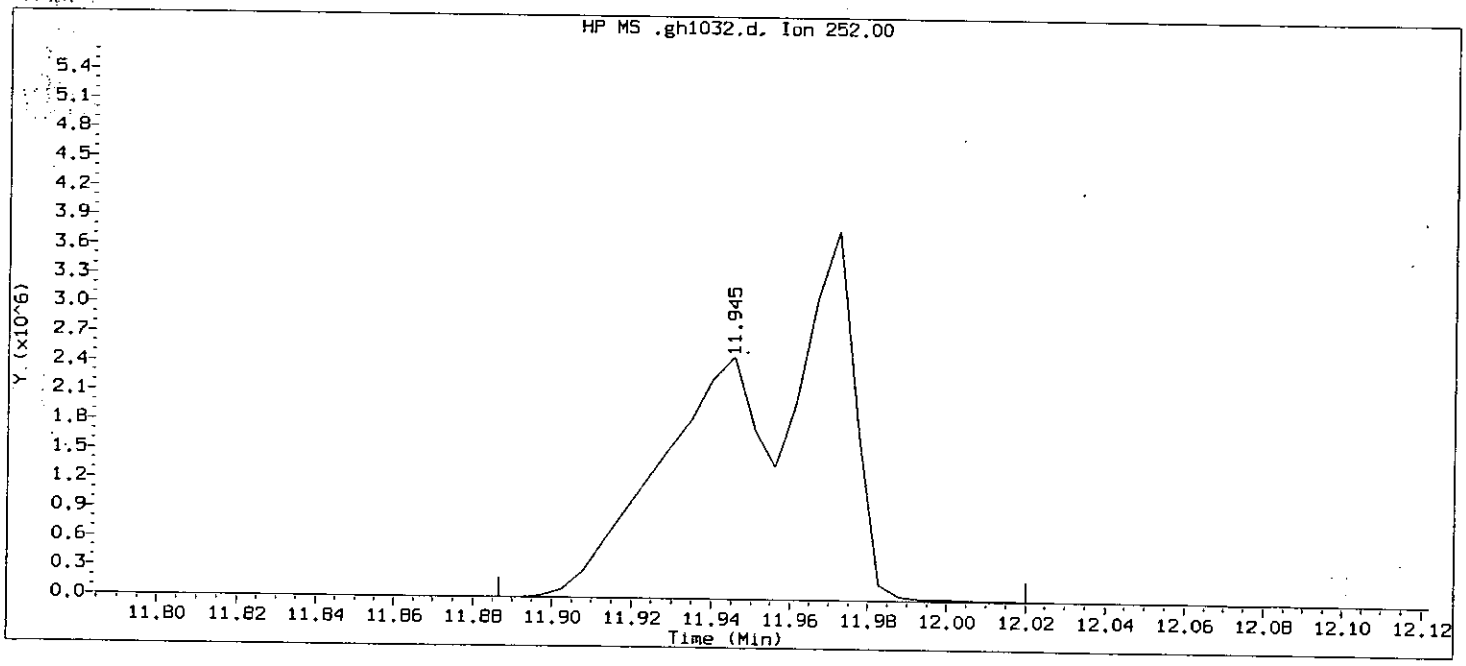
Analyst responsible for change: [signature] 970 8/29/7

GC/MS audit/management approval: [signature] 8628 mm 783 8/30/07

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP11165.i/07aug29a.b/gh1032.d Instrument ID: HP11165.i
Injection date and time: 29-AUG-2007 16:43 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07aug29a.b/minti.m Sublist used: all1
Calibration date and time: 29-AUG-2007 17:00
Date, time and analyst ID of latest file update: 29-Aug-2007 17:00 Automation

Sample Name: SSTD120 Lab Sample ID: STD2407

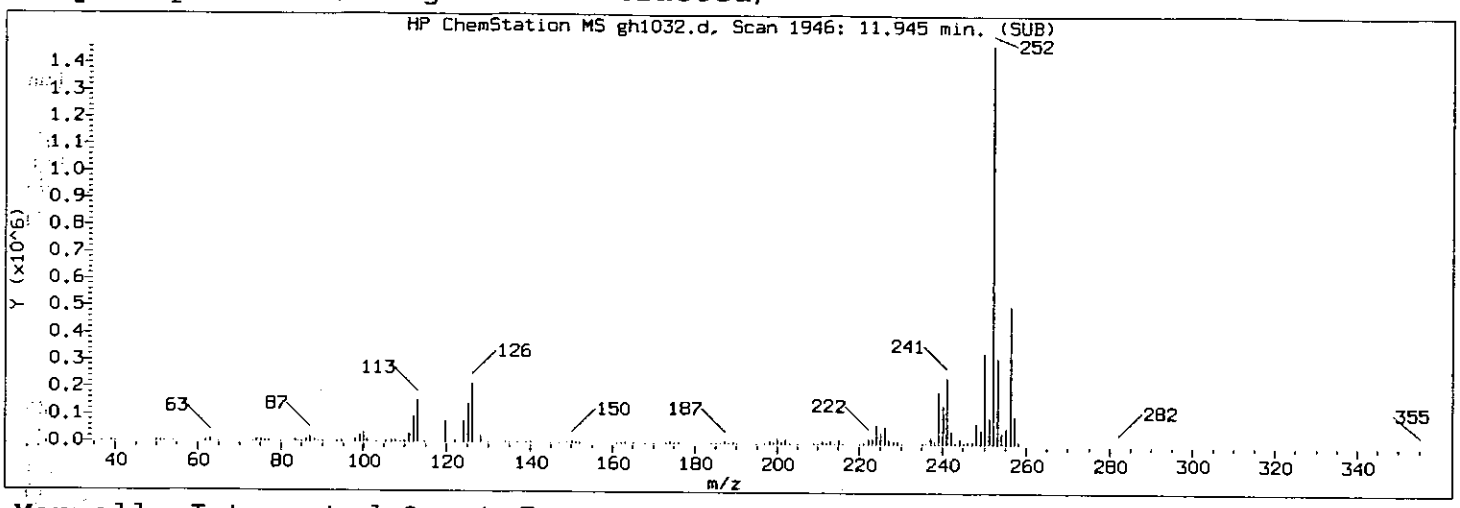
Compound Number	:	171
Compound Name	:	Benzo(b)fluoranthene
Scan Number	:	1946
Retention Time (minutes)	:	11.945
Quant Ion	:	252
Area	:	8092364
Concentration (ng/ul)	:	158.8446
Integration start scan	:	1934 Integration stop scan: 1959
Y at integration start	:	308 Y at integration end: 1573

CB/KZ 8/29/07

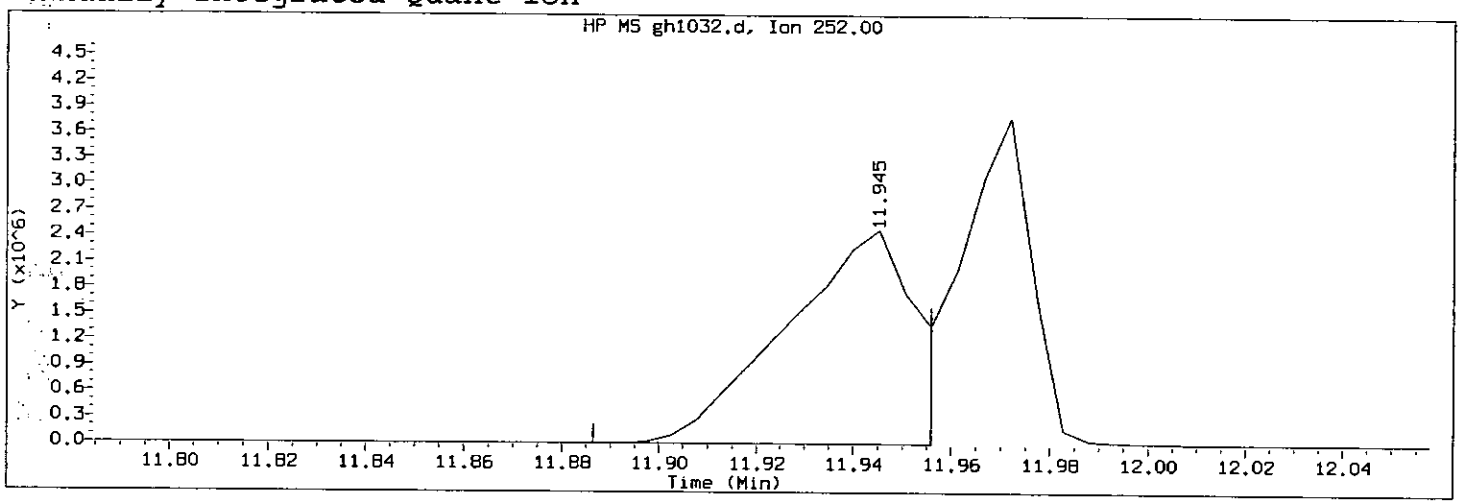
0621

Original Integration Report for data file /chem/HP11165.i/07aug29a.b/gh1032.d, generated on 08/29/2007 at 17:05

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP11165.i/07aug29a.b/gh1032.d Instrument ID: HP11165.i
Injection date and time: 29-AUG-2007 16:43 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07aug29a.b/minti.m Sublist used: all1
Calibration date and time: 29-AUG-2007 17:05
Date, time and analyst ID of latest file update: 29-Aug-2007 17:05 gjd01970

Sample Name: SSTD120 Lab Sample ID: STD2407

Compound Number	:	171
Compound Name	:	Benzo(b)fluoranthene
Scan Number	:	1946
Retention Time (minutes)	:	11.945
Quant Ion	:	252
Area (flag)	:	4605843 M
Concentration (ng/ul)	:	126.4716
Integration start scan	:	1934 Integration stop scan: 1947
Y at integration start	:	308 Y at integration end: 965

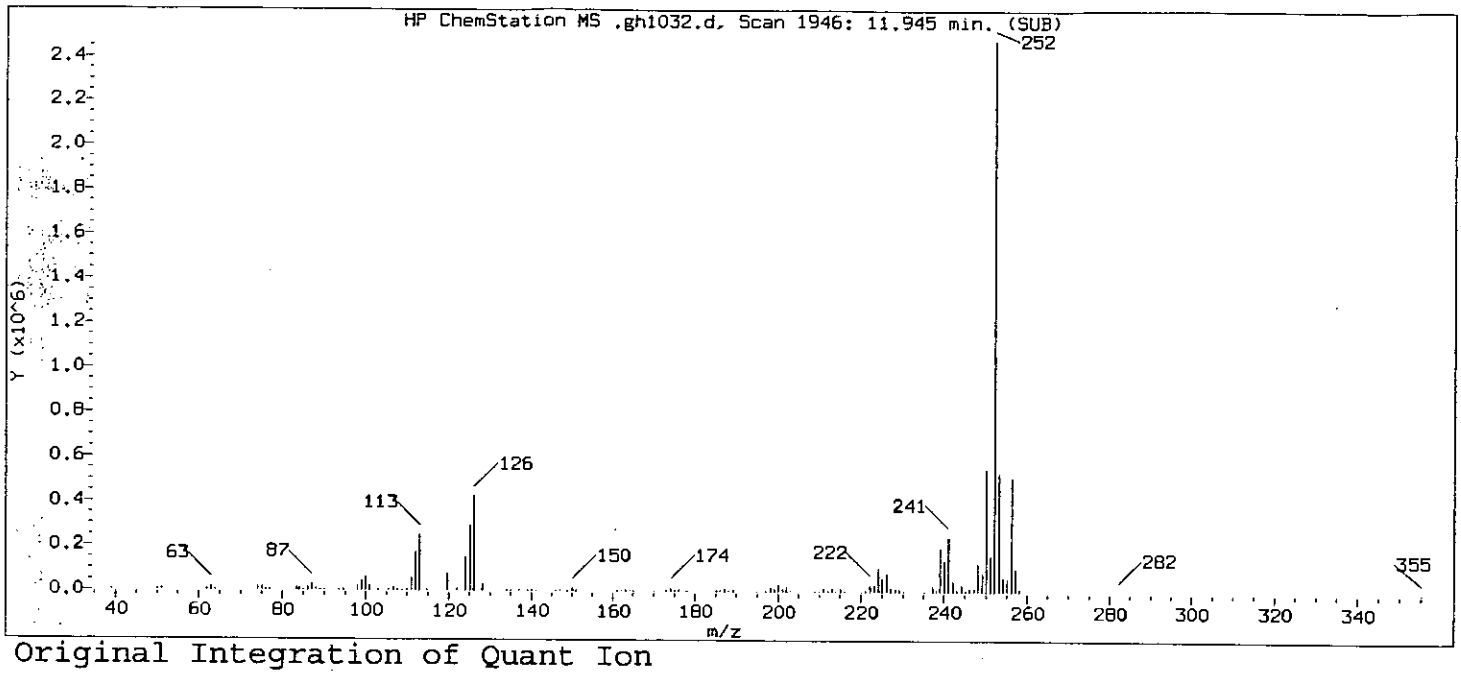
Reason for manual integration (circle one): missed peak (improper integration)

Analyst responsible for change: GJD 8/29/07

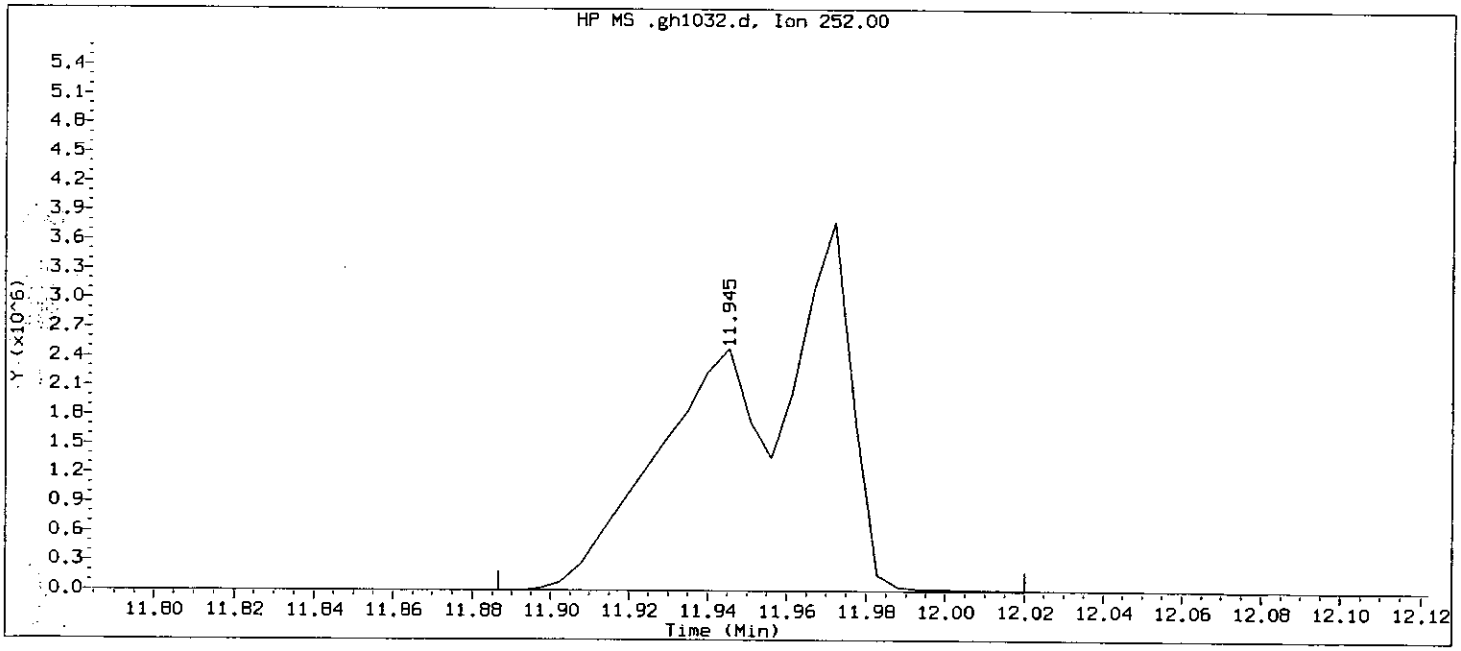
GC/MS audit/management approval: 8622 8/30/07

Manual Integration Report for data file /chem/HP11165.i/07aug29a.b/gh1032.d, generated on 08/29/2007 at 17:05

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP11165.i/07aug29a.b/gh1032.d Instrument ID: HP11165.i
Injection date and time: 29-AUG-2007 16:43 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07aug29a.b/minti.m Sublist used: all1
Calibration date and time: 29-AUG-2007 17:00
Date, time and analyst ID of latest file update: 29-Aug-2007 17:00 Automation

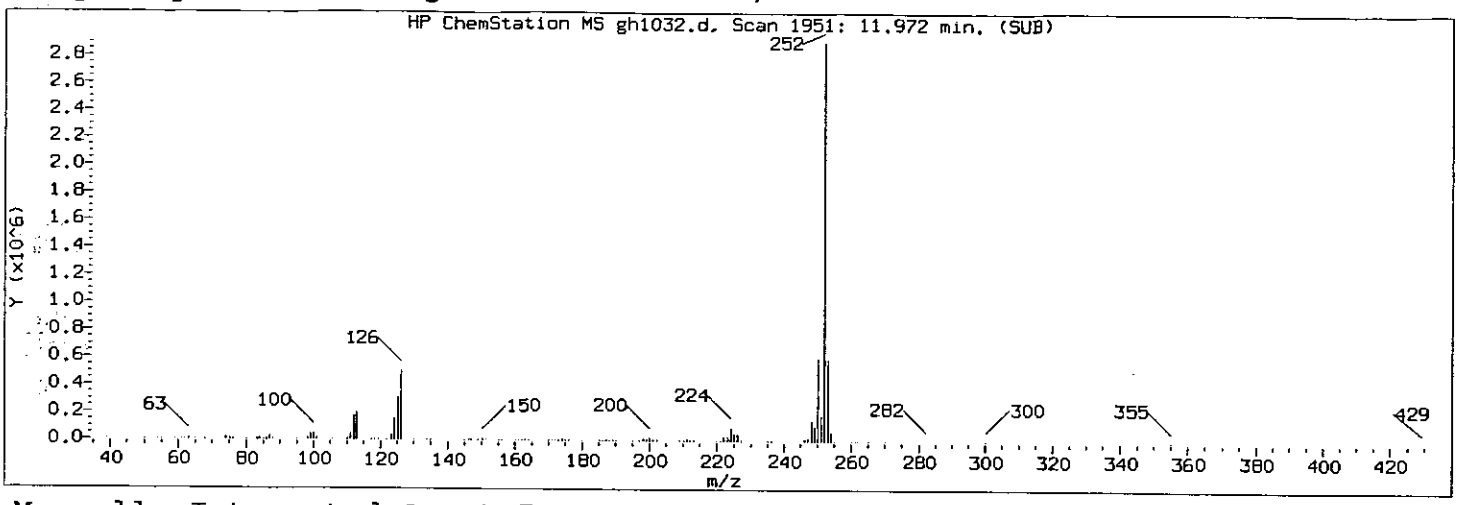
Sample Name: SSTD120 Lab Sample ID: STD2407

Compound Number	:	172
Compound Name	:	Benzo(k)fluoranthene
Scan Number	:	1946
Retention Time (minutes)	:	11.945
Quant Ion	:	252
Area	:	8092410
Concentration (ng/ul)	:	157.9551
Integration start scan	:	1934 Integration stop scan: 1959
Y at integration start	:	308 Y at integration end: 1573

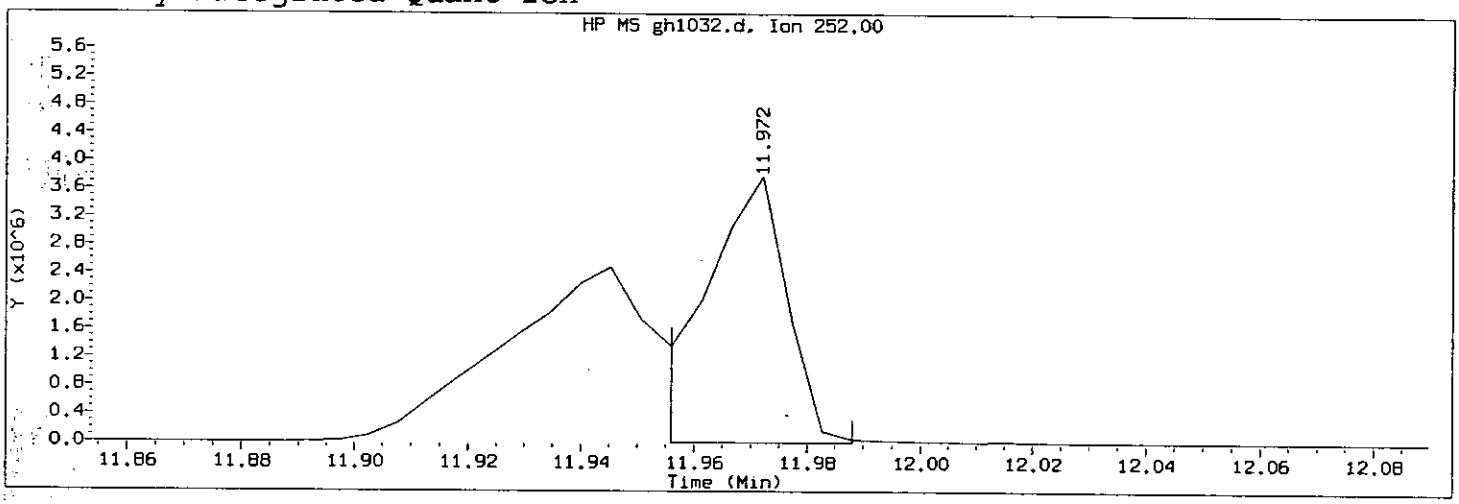
8623

Original Integration Report for data file /chem/HP11165.i/07aug29a.b/gh1032.d, generated on 08/29/2007 at 17:05

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP11165.i/07aug29a.b/gh1032.d Instrument ID: HP11165.i
Injection date and time: 29-AUG-2007 16:43 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07aug29a.b/minti.m Sublist used: all1
Calibration date and time: 29-AUG-2007 17:05
Date, time and analyst ID of latest file update: 29-Aug-2007 17:05 gjd01970

Sample Name: SSTD120 Lab Sample ID: STD2407

Compound Number	:	172
Compound Name	:	Benzo(k)fluoranthene
Scan Number	:	1951
Retention Time (minutes)	:	11.972
Quant Ion	:	252
Area (flag)	:	3910712 M
Concentration (ng/ul)	:	115.6721
Integration start scan	:	1947 Integration stop scan: 1953
Y at integration start	:	-2923 Y at integration end: -2923

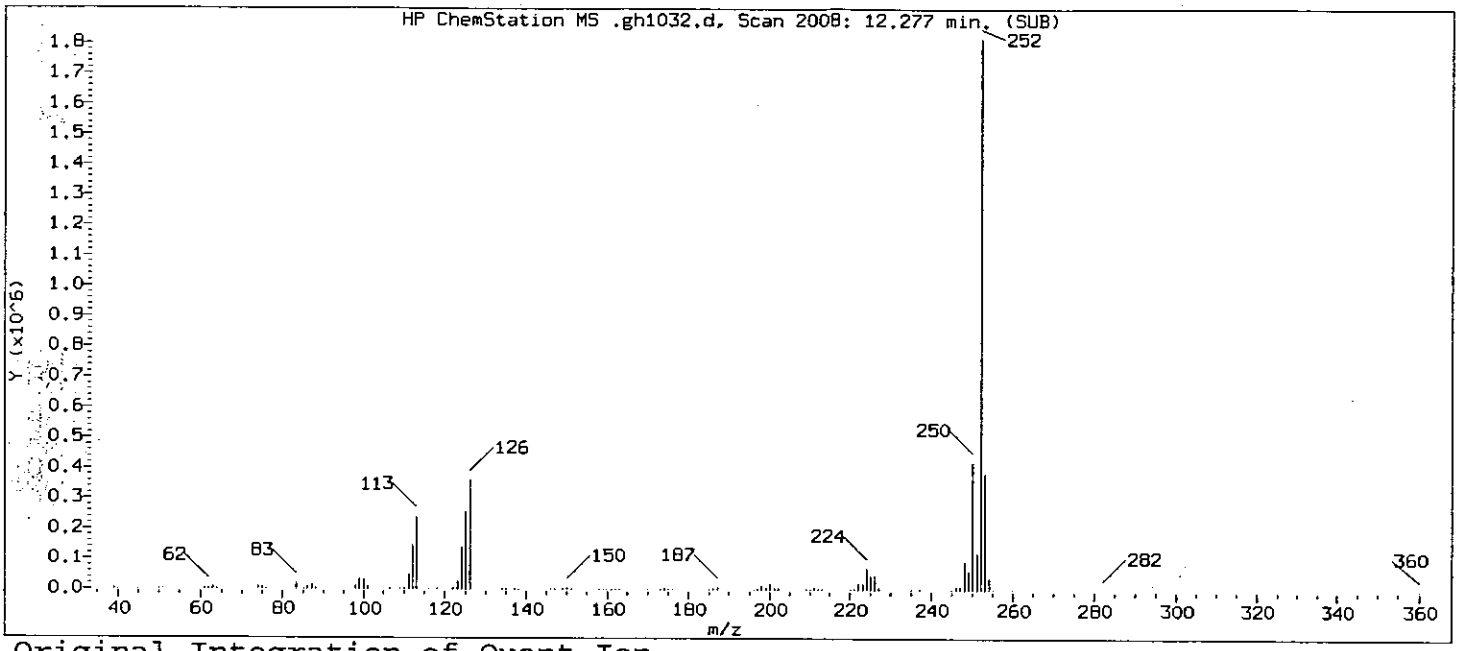
Reason for manual integration (circle one): missed peak (improper integration)

Analyst responsible for change: [signature] 470 8/29/07

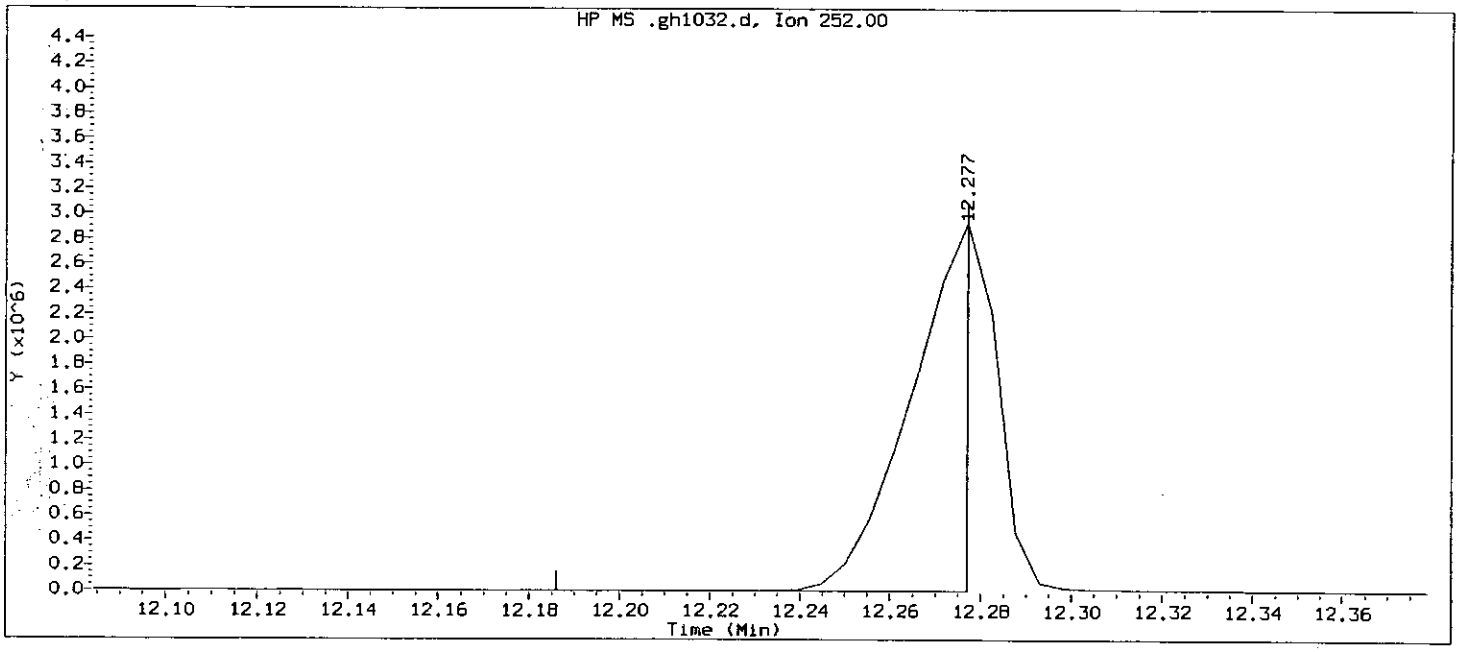
GC/MS audit/management approval: 8624 [signature] 8/30/07

Manual Integration Report for data file /chem/HP11165.i/07aug29a.b/gh1032.d, generated on 08/29/2007 at 17:05

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP11165.i/07aug29a.b/gh1032.d Instrument ID: HP11165.i
Injection date and time: 29-AUG-2007 16:43 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07aug29a.b/minti.m Sublist used: all1
Calibration date and time: 29-AUG-2007 17:00
Date, time and analyst ID of latest file update: 29-Aug-2007 17:00 Automation

Sample Name: SSTD120 Lab Sample ID: STD2407

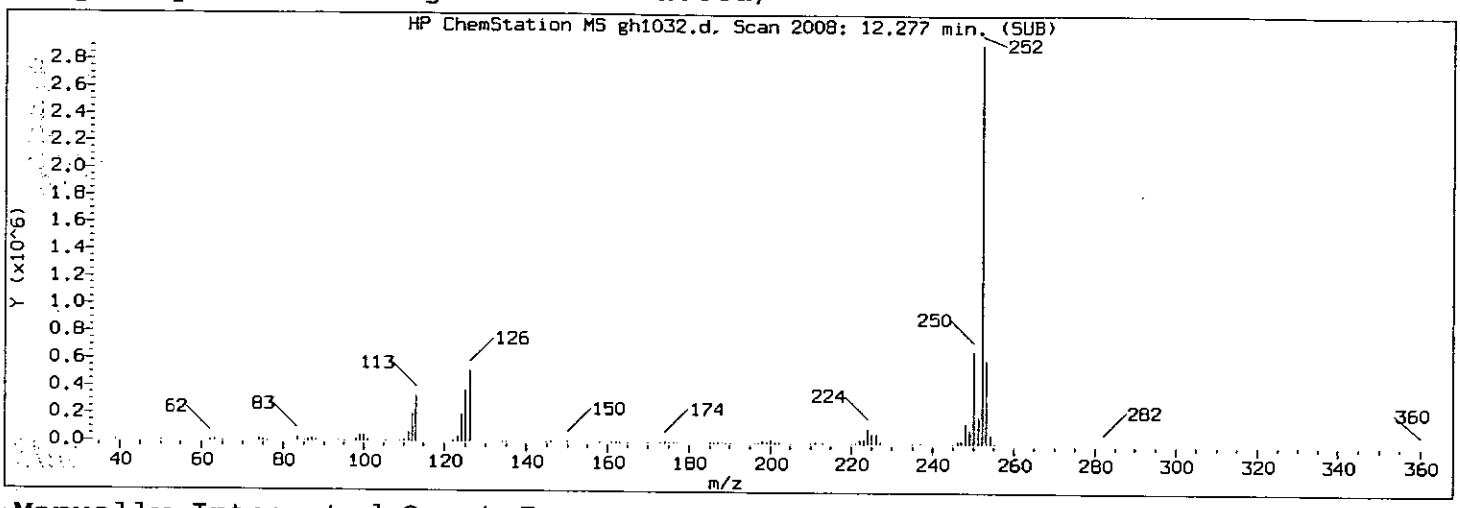
Compound Number	: 173	
Compound Name	: Benzo(a)pyrene	
Scan Number	: 2008	
Retention Time (minutes)	: 12.277	
Quant Ion	: 252	
Area	: 2456745	
Concentration (ng/ul)	: 94.5141	
Integration start scan	: 1990	Integration stop scan: 2007
Y at integration start	: 1121	Y at integration end: 945

CB 1470 8/29/07

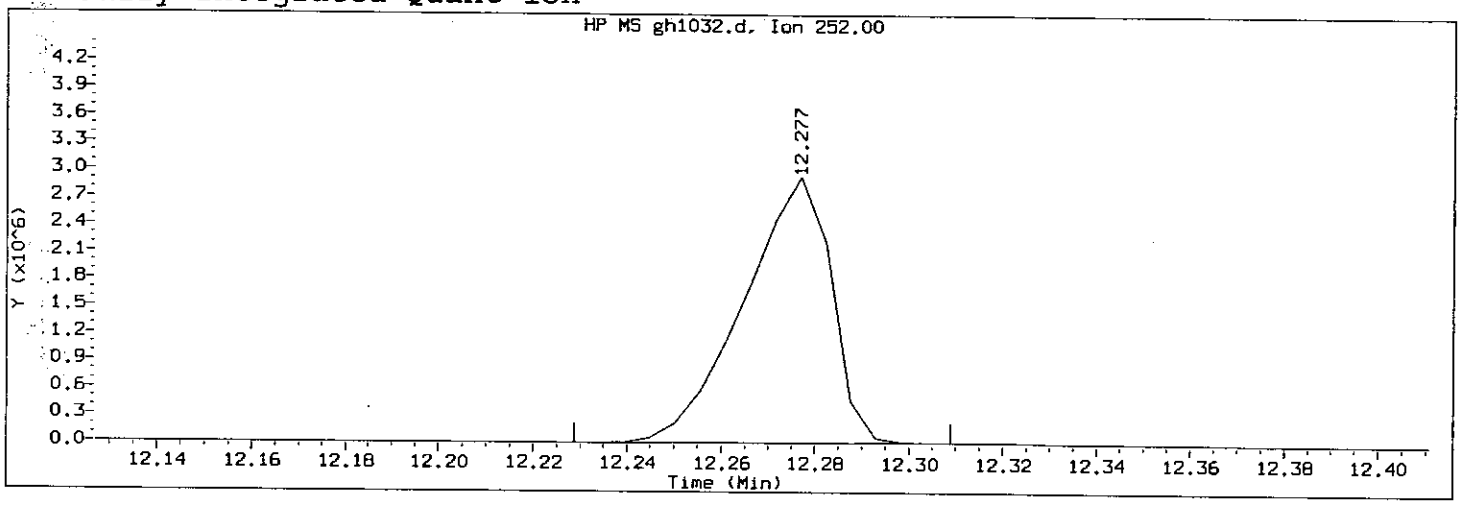
8625

Original Integration Report for data file /chem/HP11165.i/07aug29a.b/gh1032.d, generated on 08/29/2007 at 17:05

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP11165.i/07aug29a.b/gh1032.d Instrument ID: HP11165.i
Injection date and time: 29-AUG-2007 16:43 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07aug29a.b/minti.m Sublist used: all
Calibration date and time: 29-AUG-2007 17:05
Date, time and analyst ID of latest file update: 29-Aug-2007 17:05 gjd01970

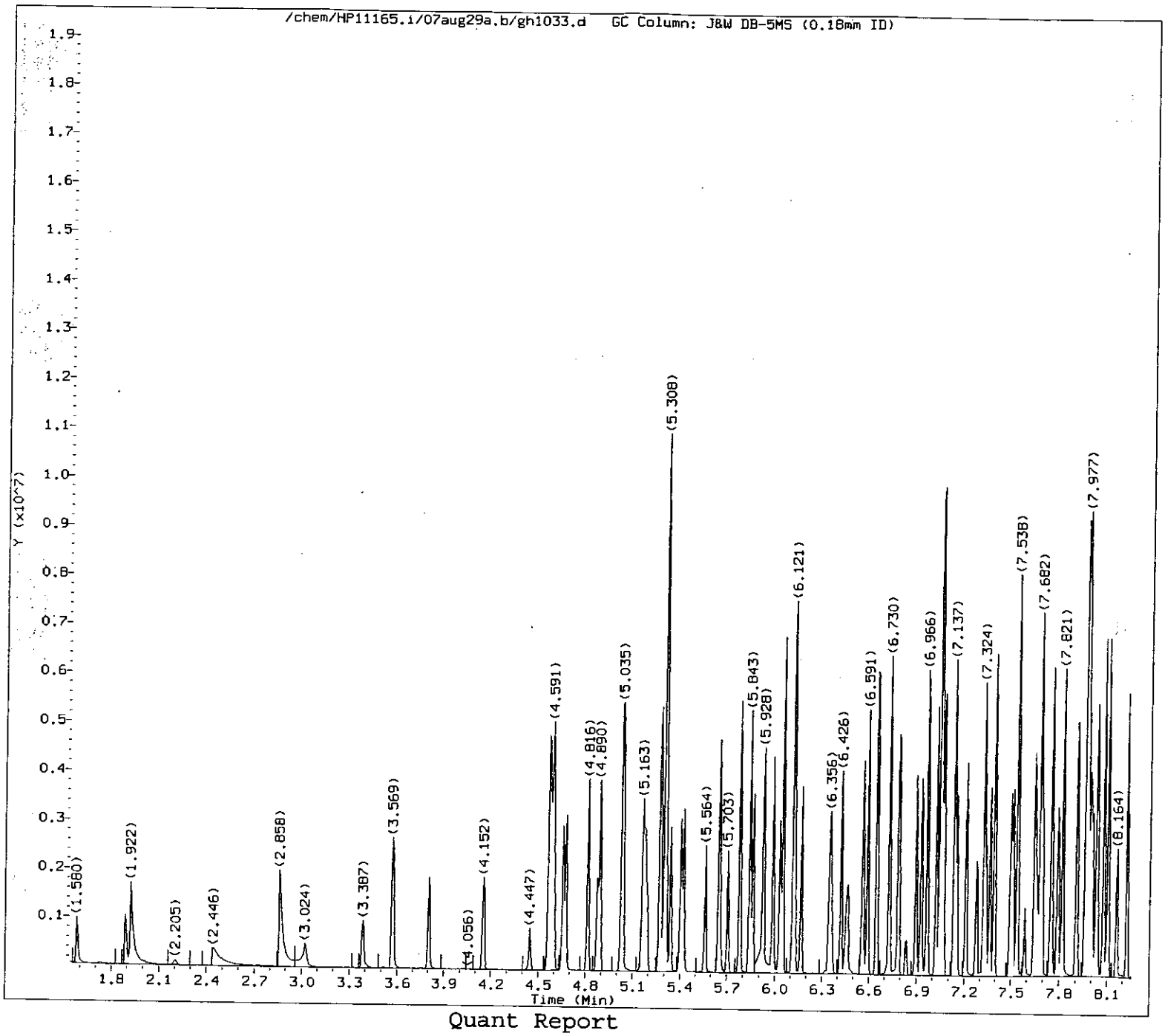
Sample Name: SSTD120 Lab Sample ID: STD2407

Compound Number	: 173	
Compound Name	: Benzo(a)pyrene	
Scan Number	: 2008	
Retention Time (minutes)	: 12.277	
Quant Ion	: 252	
Area (flag)	: 3796613 M	
Concentration (ng/ul)	: 120.2365	
Integration start scan	: 1998	Integration stop scan: 2013
Y at integration start	: 1273	Y at integration end: 12889

Reason for manual integration (circle one): missed peak (improper integration)

Analyst responsible for change: [signature] 1170 8/29/07

GC/MS audit/management approval: [signature] 8626 8/30/07



Quant Report

Target Revision 3.5

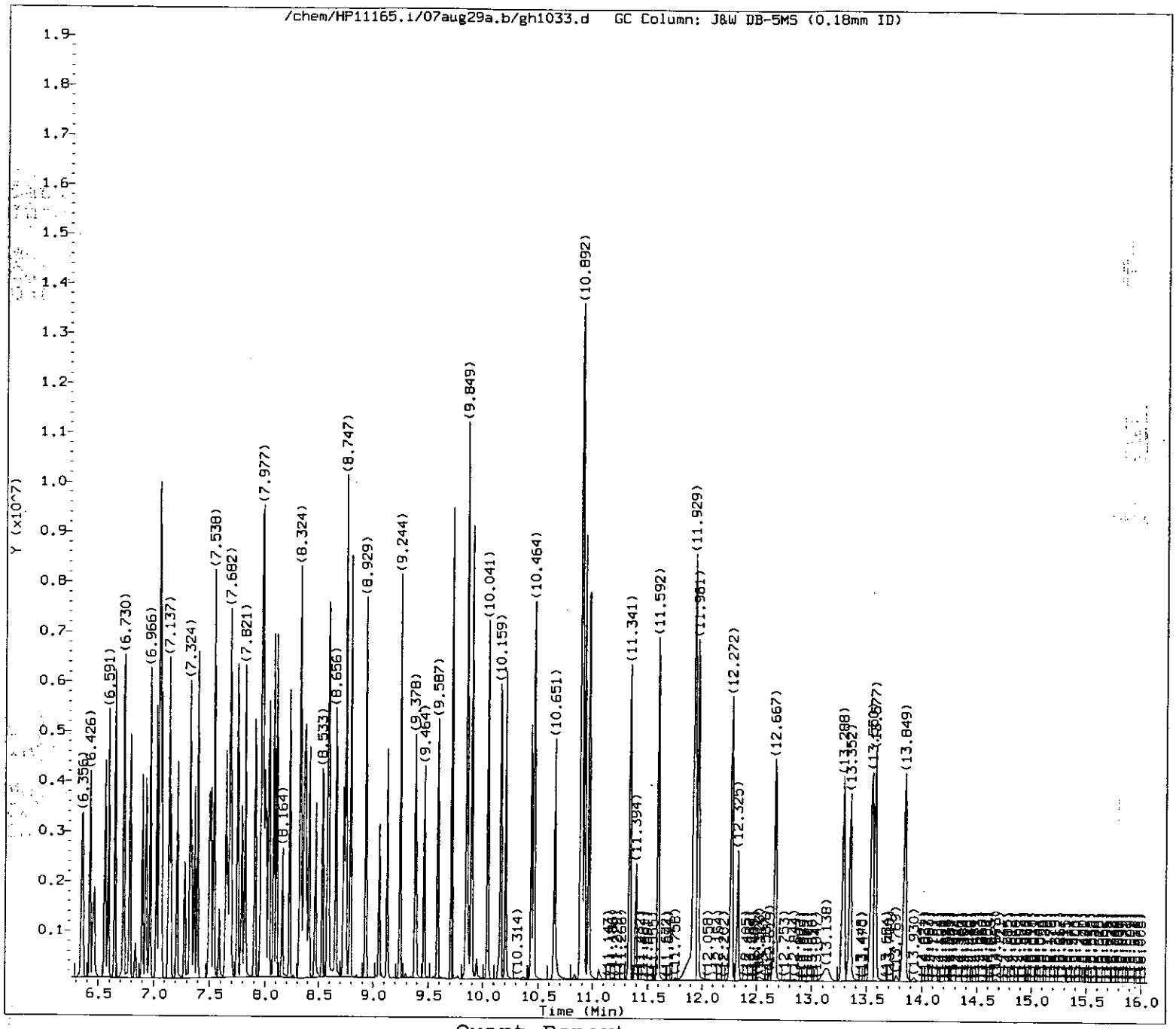
Data File: /chem/HP11165.i/07aug29a.b/gh1033.d Instrument ID: HP11165.i
Injection date and time: 29-AUG-2007 17:08 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07aug29a.b/minti.m Sublist used: all1
Calibration date and time: 29-AUG-2007 18:34
Date, time and analyst ID of latest file update: 29-Aug-2007 18:34 gjd01970

Sample Name: SSTD080 Lab Sample ID: STD2407

8627

GJ 8/29/07



Quant Report

Target Revision 3.5

Data File: /chem/HP11165.i/07aug29a.b/gh1033.d Instrument ID: HP11165.i
Injection date and time: 29-AUG-2007 17:08 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07aug29a.b/minti.m Sublist used: all1
Calibration date and time: 29-AUG-2007 18:34
Date, time and analyst ID of latest file update: 29-Aug-2007 18:34 gjd01970

Sample Name: SSTD080 Lab Sample ID: STD2407

8628

Quant Report

Target Revision 3.5

Data File: /chem/HP11165.i/07aug29a.b/gh1033.d Instrument ID: HP11165.i
Injection date and time: 29-AUG-2007 17:08 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07aug29a.b/minti.m Sublist used: all1
Calibration date and time: 29-AUG-2007 18:34
Date, time and analyst ID of latest file update: 29-Aug-2007 18:34 gjd01970

Sample Name: SSTD080 Lab Sample ID: STD2407

	Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
1)	1,4-Dioxane	(1)	1.580	88	353576	81.161
2)	N-Nitrosodimethylamine	(1)	1.890	74	590833	83.378
3)	Pyridine	(1)	1.922	79	989119	79.629
5)	2-Picoline	(1)	2.858	93	985790	82.374
6)	N-Nitrosomethylethylamine	(1)	3.024	88	476796	82.225
7)	Methyl methanesulfonate	(1)	3.387	80	373597	82.794
10)	N-Nitrosodiethylamine	(1)	3.805	102	451089	81.983
11)	Ethyl methanesulfonate	(1)	4.152	109	436077	81.951
13)	Aniline	(1)	4.564	93	1546609	81.476
16)	Phenol	(1)	4.591	94	1225927	80.874
17)	Pentachloroethane	(1)	4.596	167	244776	81.409
18)	bis(2-Chloroethyl)ether	(1)	4.655	93	964438	81.214
19)	2-Chlorophenol	(1)	4.676	128	779924	82.670
20)	1,3-Dichlorobenzene	(1)	4.816	146	724888	80.960
21)	1,4-Dichlorobenzene-d4	(1)	4.874	152	236329	40.000
22)	1,4-Dichlorobenzene	(1)	4.890	146	748906	81.385
24)	Benzyl alcohol	(1)	5.040	108	634344	82.381
25)	1,2-Dichlorobenzene	(1)	5.029	146	682886	79.348
26)	2-Methylphenol	(1)	5.163	108	879027	82.601
27)	2,2'-oxybis(1-Chloropropane)	(1)	5.169	45	907606	81.324
28)	bis(2-Chloroisopropyl)ether	(1)	5.169	45	907606	81.324
29)	N-Nitrosopyrrolidine	(1)	5.270	100	496476	80.919
30)	Acetophenone	(1)	5.276	105	1209971	80.898
31)	N-Nitroso-di-n-propylamine	(1)	5.302	70	676548	78.744
32)	N-Nitrosomorpholine	(1)	5.313	56	479000	78.683
33)	4-Methylphenol	(1)	5.308	108	934262	80.003
34)	o-Toluidine	(1)	5.308	106	1356124	79.328
37)	Hexachloroethane	(1)	5.340	117	294419	81.262
39)	Nitrobenzene	(2)	5.420	77	1009564	81.809
40)	N-Nitrosopiperidine	(2)	5.564	114	485332	82.280
41)	Isophorone	(2)	5.650	82	2120283	80.735
42)	2-Nitrophenol	(2)	5.703	139	360876	83.358
44)	2,4-Dimethylphenol	(2)	5.778	107	888091	79.762
45)	O,O,O-triethylphosphorothioate	(2)	5.843	198	362288	81.654
46)	bis(2-Chloroethoxy)methane	(2)	5.864	93	1047864	81.893
47)	Benzoic acid	(2)	5.923	105	583797	83.406
49)	2,4-Dichlorophenol	(2)	5.928	162	601726	80.581
50)	1,2,4-Trichlorobenzene	(2)	5.987	180	590493	80.265
52)	Naphthalene-d8	(2)	6.030	136	1060439	40.000
53)	Naphthalene	(2)	6.051	128	2426164	81.451
55)	4-Chloroaniline	(2)	6.115	127	924101	76.595
56)	2,6-Dichlorophenol	(2)	6.121	162	562077	80.428
57)	Hexachloropropene	(2)	6.126	213	352143	82.689

M = Compound was manually integrated. A = User selected an alternate hit

Quant Report

Target Revision 3.5

Data File: /chem/HP11165.i/07aug29a.b/gh1033.d Instrument ID: HP11165.i
Injection date and time: 29-AUG-2007 17:08 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07aug29a.b/minti.m Sublist used: all1
Calibration date and time: 29-AUG-2007 18:34
Date, time and analyst ID of latest file update: 29-Aug-2007 18:34 gjd01970

Sample Name: SSTD080 Lab Sample ID: STD2407

	Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
59)	Hexachlorobutadiene	(2)	6.169	225	322758	81.590
62)	Caprolactam	(2)	6.463	113	349602 A	81.371
63)	N-Nitrosodi-n-butylamine	(2)	6.426	84	726629	70.273
67)	4-Chloro-3-methylphenol	(2)	6.559	107	808084	80.304
68)	Safrole	(2)	6.591	162	575781	79.409
69)	2-Methylnaphthalene	(2)	6.650	142	1544056	81.355
70)	1-Methylnaphthalene	(2)	6.730	142	1461888	79.896
71)	Hexachlorocyclopentadiene	(3)	6.784	237	225165	91.753
72)	1,2,4,5-Tetrachlorobenzene	(3)	6.789	216	602623	80.459
73)	cis-Isosafrole	(3)	6.832	162	64743	8.919
74)	2,4,6-Trichlorophenol	(3)	6.896	196	433597	81.876
76)	2,4,5-Trichlorophenol	(3)	6.934	196	506972	81.720
78)	trans-Isosafrole	(3)	7.025	162	660526	70.670
79)	Isosafrole	(3)	7.025	162	660526	79.404
80)	Biphenyl	(3)	7.046	154	1838787	78.791
81)	Diphenyl	(3)	7.046	154	1838787	78.791
82)	1,1'-Biphenyl	(3)	7.046	154	1838787	78.791
83)	2-Chloronaphthalene	(3)	7.057	162	1434988	63.972
87)	Diphenyl ether	(3)	7.137	170	1042140	80.103
88)	2-Nitroaniline	(3)	7.153	138	513865	85.610
89)	1,4-Naphthoquinone	(3)	7.212	158	590216	79.036
90)	1,4-Dinitrobenzene	(3)	7.281	168	240254	91.662
91)	Dimethylphthalate	(3)	7.324	163	1648013	80.171
92)	1,3-Dinitrobenzene	(3)	7.340	168	292546	87.257
93)	2,6-Dinitrotoluene	(3)	7.367	165	376801	83.192
94)	Acenaphthylene	(3)	7.394	152	2261635	79.979
96)	3-Nitroaniline	(3)	7.495	138	466063	85.066
97)	Acenaphthene-d10	(3)	7.511	164	630449	40.000
98)	Acenaphthene	(3)	7.538	153	1510354	80.283
99)	2,4-Dinitrophenol	(3)	7.586	184	153509	91.392
100)	Pentachlorobenzene	(3)	7.645	250	600524	80.858
102)	4-Nitrophenol	(3)	7.661	109	279164	86.070
103)	Dibenzofuran	(3)	7.682	168	2200644	79.786
104)	2,4-Dinitrotoluene	(3)	7.698	165	481711	85.348
105)	1-Naphthylamine	(3)	7.752	143	1594307	78.889
106)	2,3,4,6-Tetrachlorophenol	(3)	7.789	232	365317	83.047
107)	2-Naphthylamine	(3)	7.821	143	1627375	77.892
108)	Diethylphthalate	(3)	7.907	149	1776074	79.634
109)	Thionazin	(3)	7.971	107	363453	77.649
110)	Fluorene	(3)	7.966	166	1792602	80.158
111)	4-Chlorophenyl-phenylether	(3)	7.977	204	795170	78.268
112)	5-Nitro-o-toluidine	(3)	7.993	152	534836	84.412
113)	4-Nitroaniline	(3)	8.009	138	508256	82.568

M = Compound was manually integrated. A = User selected an alternate hit

Quant Report

Target Revision 3.5

Data File: /chem/HP11165.i/07aug29a.b/gh1033.d Instrument ID: HP11165.i
Injection date and time: 29-AUG-2007 17:08 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07aug29a.b/minti.m Sublist used: all1
Calibration date and time: 29-AUG-2007 18:34
Date, time and analyst ID of latest file update: 29-Aug-2007 18:34 gjd01970

Sample Name: SSTD080 Lab Sample ID: STD2407

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
114) 4,6-Dinitro-2-methylphenol	(4)	8.030	198	240243	92.261
115) 1-Nitronaphthalene	(4)	8.041	173	350639	81.637
116) N-Nitrosodiphenylamine	(4)	8.078	169	1313347	79.007
117) 1,2-Diphenylhydrazine	(4)	8.105	77	2334888	79.548
119) Tetraethyldithiopyrophosphate	(4)	8.228	97	312906	79.013
120) 1,3,5-Trinitrobenzene	(4)	8.335	213	148414	95.779
121) Diallate (peak 1)	(4)	8.319	86	769551	59.485
122) Phorate	(4)	8.330	75	1747890	81.132
123) Phenacetin	(4)	8.362	108	1038670	80.196
124) 4-Bromophenyl-phenylether	(4)	8.378	248	475937	80.254
125) Diallate (peak 2)	(4)	8.388	86	265979	20.079
126) Hexachlorobenzene	(4)	8.410	284	494023	80.435
127) Dimethoate	(4)	8.469	87	740152	73.306
128) Diallate TRANS/CIS	(4)	23.156	86	1035530	79.569
130) Pentachlorophenol	(4)	8.581	266	272647	85.327
131) Pentachloronitrobenzene	(4)	8.586	237	180316	81.356
132) 4-Aminobiphenyl	(4)	8.592	169	1436234	78.287
133) Pronamide	(4)	8.656	173	751197	80.456
134) Phenanthrene-d10	(4)	8.725	188	1240994	40.000
135) Dinoseb	(4)	8.747	211	338621	93.468
136) Phenanthrene	(4)	8.747	178	2457396	79.291
137) Anthracene	(4)	8.790	178	2589034	79.296
139) Carbazole	(4)	8.929	167	2594564	80.272
140) Methyl parathion	(4)	9.052	109	486000	79.901
141) Di-n-butylphthalate	(4)	9.244	149	3106877	79.383
142) Parathion	(4)	9.378	109	375482	86.079
143) 4-Nitroquinoline-1-oxide	(4)	9.389	190	150528	96.609
144) Methapyrilene	(4)	9.464	97	689774	68.901
145) Isodrin	(4)	9.587	193	256022	78.178
146) Fluoranthene	(4)	9.715	202	3017457	80.407
151) Benzidine	(5)	9.849	184	4904914	243.557
153) Pyrene	(5)	9.897	202	3031264	82.154
157) p-Dimethylaminoazobenzene	(5)	10.164	225	641464	83.268
158) Chlorobenzilate	(5)	10.207	139	843260	82.604
159) 3,3'-Dimethylbenzidine	(5)	10.437	212	1439278	84.176
160) Butylbenzylphthalate	(5)	10.464	149	1362274	81.600
161) 2-Acetylaminofluorene	(5)	10.651	181	1119264	86.858
163) 3,3'-Dichlorobenzidine	(5)	10.881	252	1006042	83.336
164) 4,4'-Methylenebis(2-Chloroanil	(5)	10.892	231	477829	83.601
165) Benzo(a)anthracene	(5)	10.892	228	2723329	82.730
166) Chrysene-d12	(5)	10.902	240	1070883	40.000
167) Chrysene	(5)	10.924	228	2649953	81.285
168) bis(2-Ethylhexyl)phthalate	(5)	10.966	149	1915168	82.119

M = Compound was manually integrated. A = User selected an alternate hit

Quant Report

Target Revision 3.5

Data File: /chem/HP11165.i/07aug29a.b/gh1033.d Instrument ID: HP11165.i
Injection date and time: 29-AUG-2007 17:08 Analyst ID: gjd01970

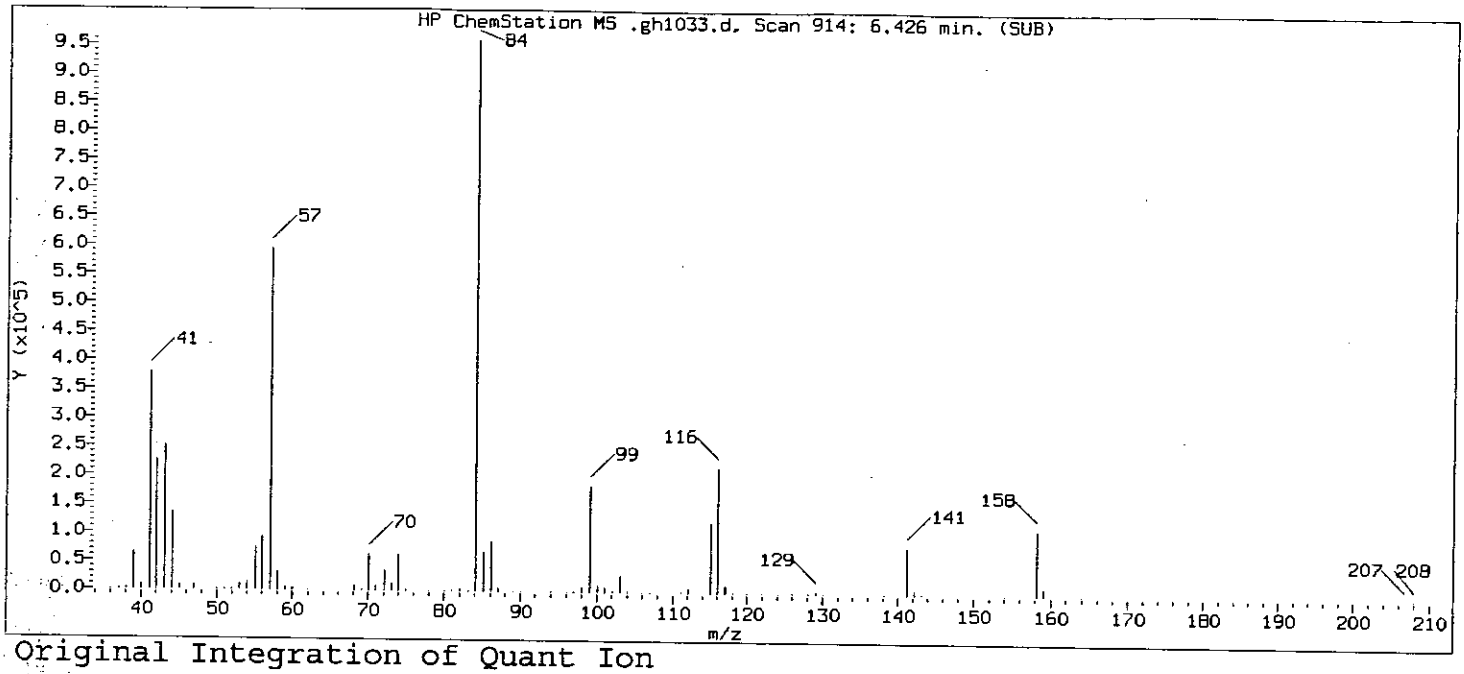
Method used: /chem/HP11165.i/07aug29a.b/minti.m Sublist used: all1
Calibration date and time: 29-AUG-2007 18:34
Date, time and analyst ID of latest file update: 29-Aug-2007 18:34 gjd01970

Sample Name: SSTD080 Lab Sample ID: STD2407

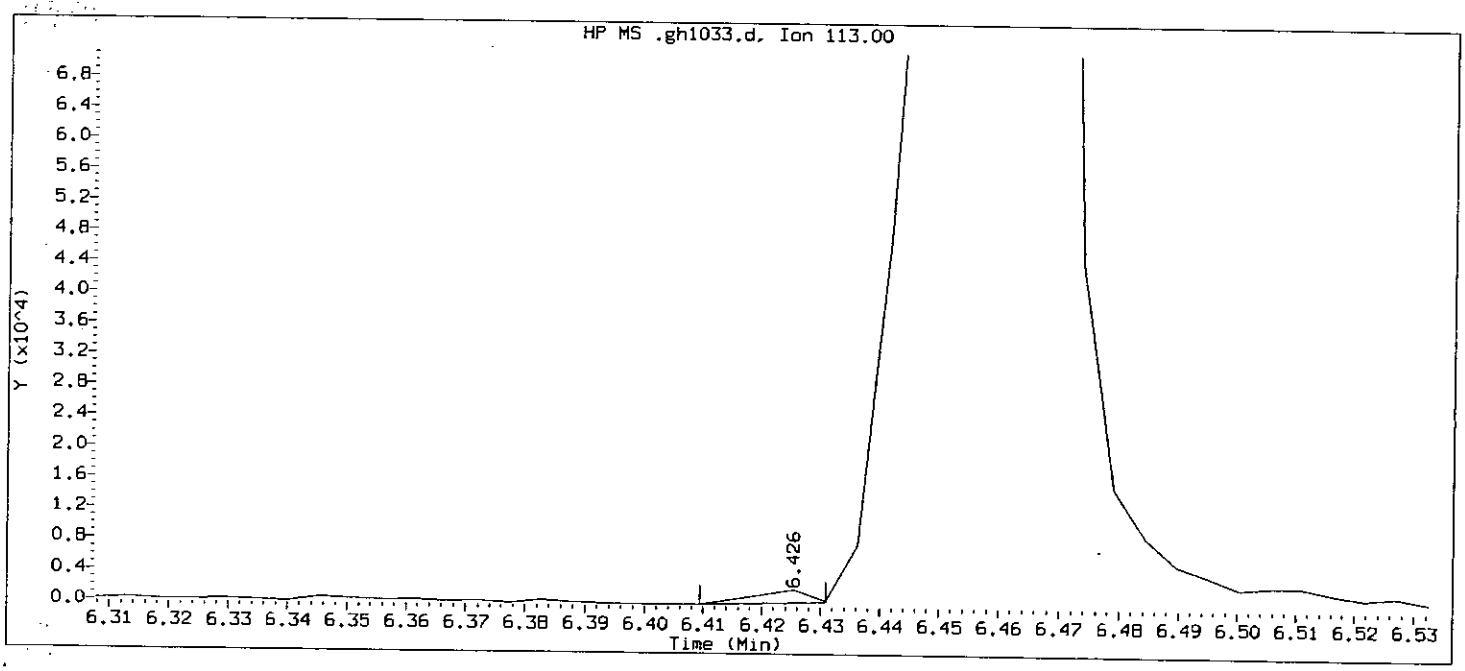
	Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
188)	6-Methylchrysene	(5)	11.341	242	1860657	82.521
169)	Di-n-octylphthalate	(6)	11.592	149	3382724	81.956
189)	Dibenz(a,h)acridine	(6)	13.288	279	2351128	82.414
190)	Dibenz(a,j)acridine	(6)	13.352	279	2183539	82.032
170)	7,12-Dimethylbenz[a]anthracene	(6)	11.929	256	1391760	82.357
171)	Benzo(b)fluoranthene	(6)	11.935	252	2868222	66.183
194)	Ronnel	(4)	9.127	285	549511	77.465
172)	Benzo(k)fluoranthene	(6)	11.961	252	2934101	69.606
173)	Benzo(a)pyrene	(6)	12.272	252	2720991	82.573
174)	Perylene-d12	(6)	12.325	264	952655	40.000
175)	3-Methylcholanthrene	(6)	12.667	268	1405843	82.043
176)	Indeno(1,2,3-cd)pyrene	(6)	13.550	276	3156445	82.170
177)	Dibenz(a,h)anthracene	(6)	13.577	278	2537624	81.553
178)	Benzo(g,h,i)perylene	(6)	13.849	276	2639421	81.513
84)	1-Chloronaphthalene	(3)	7.073	162	1359540	64.209
9)	2-Fluorophenol	(1)	3.569	112	828094	82.132
14)	Phenol-d5	(1)	4.575	99	1164464	81.913
15)	Phenol-d6	(1)	4.575	99	1164464	81.913
38)	Nitrobenzene-d5	(2)	5.404	82	971633	82.834
77)	2-Fluorobiphenyl	(3)	6.966	172	1665494	80.958
118)	2,4,6-Tribromophenol	(3)	8.164	330	218175	83.433
155)	Terphenyl-d14	(5)	10.041	244	1848832	83.752

M = Compound was manually integrated. A = User selected an alternate hit

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP11165.i/07aug29a.b/gh1033.d Instrument ID: HP11165.i
Injection date and time: 29-AUG-2007 17:08 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07aug29a.b/minti.m Sublist used: all1
Calibration date and time: 29-AUG-2007 17:25
Date, time and analyst ID of latest file update: 29-Aug-2007 17:25 Automation

Sample Name: SSTD080 Lab Sample ID: STD2407

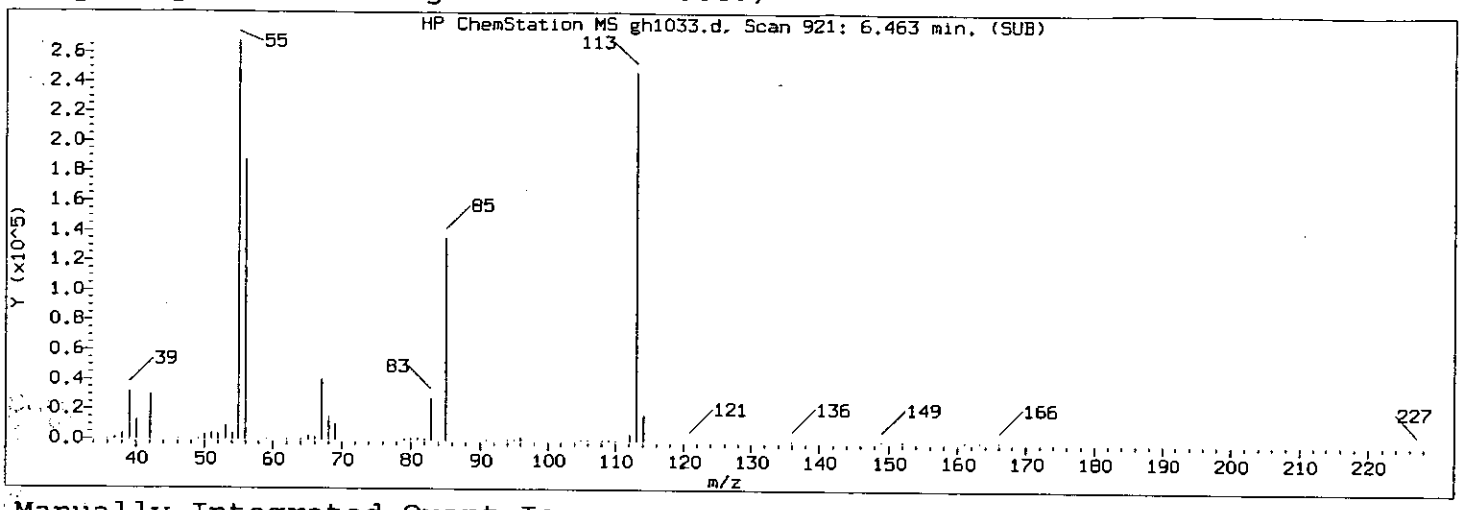
Compound Number	: 62
Compound Name	: Caprolactam
Scan Number	: 914
Retention Time (minutes)	: 6.426
Quant Ion	: 113
Area	: 1105
Concentration (ng/ul)	: 0.3760
Integration start scan	: 910 Integration stop scan: 914
Y at integration start	: 0 Y at integration end: 428

G3470 8/31/7

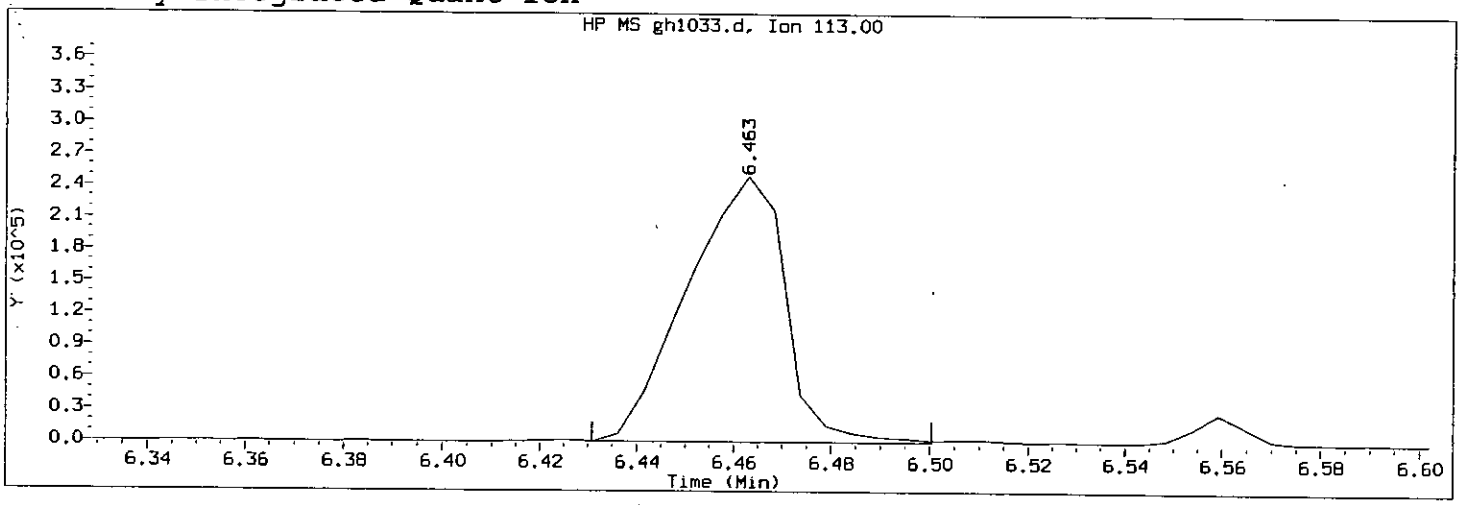
0633

Original Integration Report for data file /chem/HP11165.i/07aug29a.b/gh1033.d, generated on 08/29/2007 at 18:34

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP11165.i/07aug29a.b/gh1033.d Instrument ID: HP11165.i
Injection date and time: 29-AUG-2007 17:08 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07aug29a.b/minti.m Sublist used: all
Calibration date and time: 29-AUG-2007 18:34
Date, time and analyst ID of latest file update: 29-Aug-2007 18:34 gjd01970

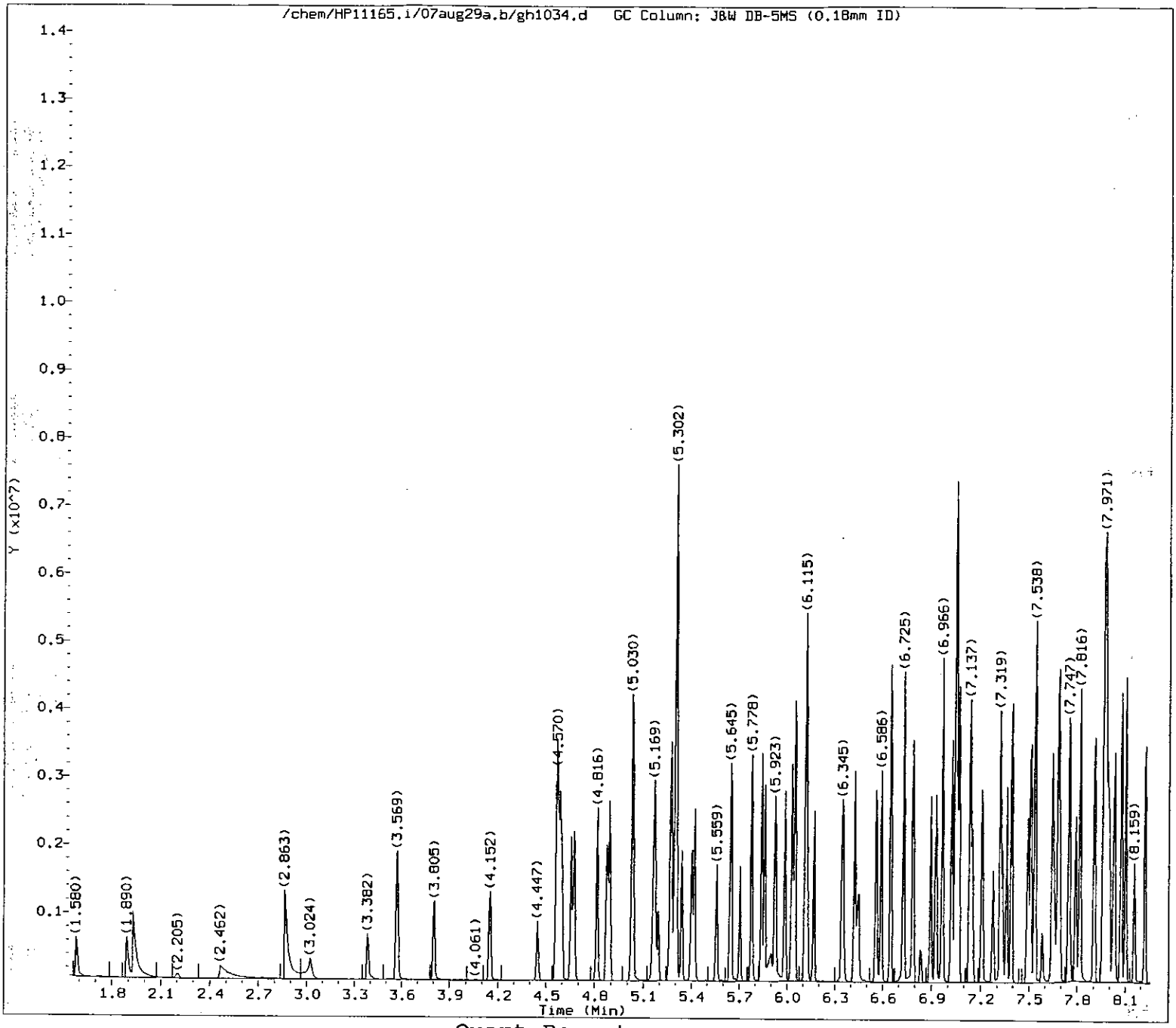
Sample Name: SSTD080 Lab Sample ID: STD2407

Compound Number : 62
Compound Name : Caprolactam
Scan Number : 921
Retention Time (minutes): 6.463
Quant Ion : 113
Area (flag) : 349602A
Concentration (ng/ul) : 81.3712
Integration start scan : 914 Integration stop scan: 927
Y at integration start : 428 Y at integration end: 424

Reason for manual integration (circle one): missed peak improper integration

Analyst responsible for change: 1970 8/29/07

GC/MS audit/management approval: 8534 8/30/07



Quant Report

Target Revision 3.5

Data File: /chem/HP11165.i/07aug29a.b/gh1034.d Instrument ID: HP11165.i
Injection date and time: 29-AUG-2007 17:32 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07aug29a.b/minti.m Sublist used: all1
Calibration date and time: 29-AUG-2007 18:36
Date, time and analyst ID of latest file update: 29-Aug-2007 18:36 gjd01970

Sample Name: SSTD050 Lab Sample ID: STD2407

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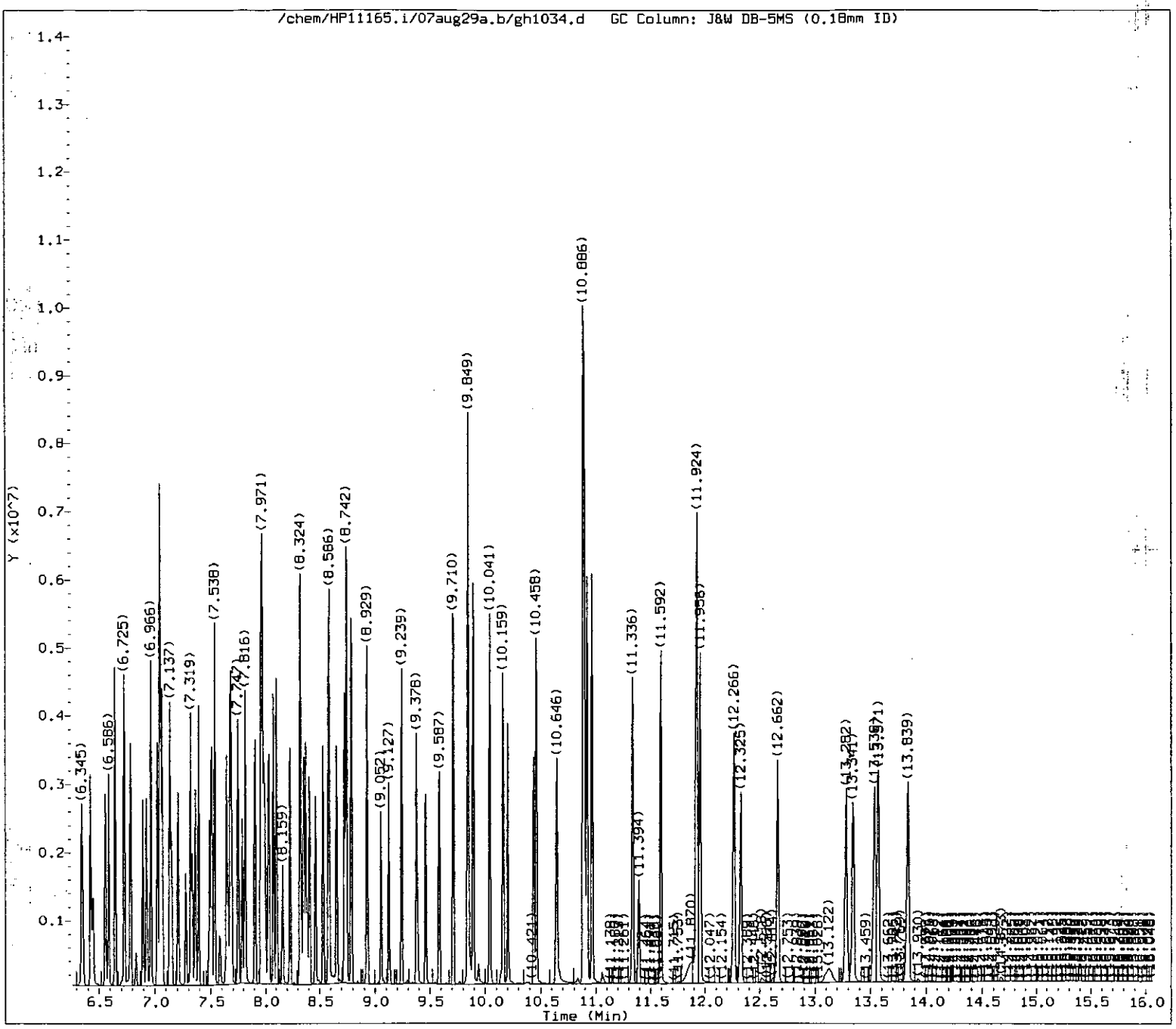

Quant Report

Target Revision 3.5

Data File: /chem/HP11165.i/07aug29a.b/gh1034.d Instrument ID: HP11165.i
Injection date and time: 29-AUG-2007 17:32 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07aug29a.b/minti.m Sublist used: all1
Calibration date and time: 29-AUG-2007 18:36
Date, time and analyst ID of latest file update: 29-Aug-2007 18:36 gjd01970

Sample Name: SSTD050 Lab Sample ID: STD2407

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Quant Report

Target Revision 3.5

Data File: /chem/HP11165.i/07aug29a.b/gh1034.d Instrument ID: HP11165.i
Injection date and time: 29-AUG-2007 17:32 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07aug29a.b/minti.m Sublist used: all1
Calibration date and time: 29-AUG-2007 18:36
Date, time and analyst ID of latest file update: 29-Aug-2007 18:36 gjd01970

Sample Name: SSTD050 Lab Sample ID: STD2407

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
1) 1,4-Dioxane	(1)	1.580	88	229583	51.009
2) N-Nitrosodimethylamine	(1)	1.890	74	379499	51.837
3) Pyridine	(1)	1.927	79	626392	48.810
5) 2-Picoline	(1)	2.863	93	612795	49.564
6) N-Nitrosomethylethylamine	(1)	3.024	88	299470	49.988
7) Methyl methanesulfonate	(1)	3.382	80	235060	50.422
10) N-Nitrosodiethylamine	(1)	3.805	102	287486	50.573
11) Ethyl methanesulfonate	(1)	4.152	109	279682	50.874
13) Aniline	(1)	4.564	93	1002154	51.100
16) Phenol	(1)	4.586	94	809378	51.682
17) Pentachloroethane	(1)	4.596	167	160531	51.678
18) bis(2-Chloroethyl)ether	(1)	4.655	93	625211	50.960
19) 2-Chlorophenol	(1)	4.671	128	496987	50.990
20) 1,3-Dichlorobenzene	(1)	4.816	146	465215	50.292
21) 1,4-Dichlorobenzene-d4	(1)	4.874	152	244161	40.000
22) 1,4-Dichlorobenzene	(1)	4.890	146	480006	50.490
24) Benzyl alcohol	(1)	5.035	108	380721	47.857
25) 1,2-Dichlorobenzene	(1)	5.030	146	453244	50.976
26) 2-Methylphenol	(1)	5.169	108	561406	51.062
27) 2,2'-oxybis(1-Chloropropane)	(1)	5.169	45	578496	50.172
28) bis(2-Chloroisopropyl)ether	(1)	5.169	45	578496	50.172
29) N-Nitrosopyrrolidine	(1)	5.265	100	323558	51.044
30) Acetophenone	(1)	5.270	105	783196	50.684
31) N-Nitroso-di-n-propylamine	(1)	5.297	70	459950	51.817
32) N-Nitrosomorpholine	(1)	5.302	56	315107	50.101
33) 4-Methylphenol	(1)	5.302	108	611913	50.719
34) o-Toluidine	(1)	5.302	106	902576	51.104
37) Hexachloroethane	(1)	5.340	117	189836	50.715
39) Nitrobenzene	(2)	5.420	77	655166	52.335
40) N-Nitrosopiperidine	(2)	5.559	114	308259	51.517
41) Isophorone	(2)	5.645	82	1361872	51.119
42) 2-Nitrophenol	(2)	5.703	139	232086	52.846
44) 2,4-Dimethylphenol	(2)	5.778	107	585347	51.824
45) O,O,O-triethylphosphorothioate	(2)	5.843	198	228410	50.748
46) bis(2-Chloroethoxy)methane	(2)	5.859	93	651356	50.181
47) Benzoic acid	(2)	5.901	105	346167	48.753
49) 2,4-Dichlorophenol	(2)	5.923	162	391816	51.724
50) 1,2,4-Trichlorobenzene	(2)	5.987	180	384642	51.540
52) Naphthalene-d8	(2)	6.030	136	1075740	40.000
53) Naphthalene	(2)	6.046	128	1555041	51.463
55) 4-Chloroaniline	(2)	6.115	127	635426	51.918
56) 2,6-Dichlorophenol	(2)	6.115	162	366806	51.740
57) Hexachloropropene	(2)	6.126	213	229971	53.233

M = Compound was manually integrated. A = User selected an alternate hit

Quant Report

Target Revision 3.5

Data File: /chem/HP11165.i/07aug29a.b/gh1034.d Instrument ID: HP11165.i
Injection date and time: 29-AUG-2007 17:32 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07aug29a.b/minti.m Sublist used: all1
Calibration date and time: 29-AUG-2007 18:36
Date, time and analyst ID of latest file update: 29-Aug-2007 18:36 gjd01970

Sample Name: SSTD050 Lab Sample ID: STD2407

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
59) Hexachlorobutadiene	(2)	6.169	225	206172	51.377
62) Caprolactam	(2)	6.447	113	225483	51.736
63) N-Nitrosodi-n-butylamine	(2)	6.420	84	516081	49.201
67) 4-Chloro-3-methylphenol	(2)	6.554	107	525786	51.507
68) Safrole	(2)	6.591	162	380689	51.756
69) 2-Methylnaphthalene	(2)	6.645	142	992271	51.538
70) 1-Methylnaphthalene	(2)	6.725	142	968389	52.172
71) Hexachlorocyclopentadiene	(3)	6.779	237	131925	52.730
72) 1,2,4,5-Tetrachlorobenzene	(3)	6.789	216	389932	51.065
73) cis-Isosafrole	(3)	6.832	162	42295	5.715
74) 2,4,6-Trichlorophenol	(3)	6.896	196	275688	51.062
76) 2,4,5-Trichlorophenol	(3)	6.928	196	330063	52.186
78) trans-Isosafrole	(3)	7.025	162	437122	45.873
79) Isosafrole	(3)	7.025	162	437122	51.543
80) Biphenyl	(3)	7.046	154	1218331	51.206
81) Diphenyl	(3)	7.046	154	1218331	51.206
82) 1,1'-Biphenyl	(3)	7.046	154	1218331	51.206
83) 2-Chloronaphthalene	(3)	7.051	162	1189731M	58.706
87) Diphenyl ether	(3)	7.137	170	683406	51.525
88) 2-Nitroaniline	(3)	7.153	138	323662	52.890
89) 1,4-Naphthoquinone	(3)	7.206	158	390955	51.351
90) 1,4-Dinitrobenzene	(3)	7.276	168	144250	53.982
91) Dimethylphthalate	(3)	7.319	163	1069261	51.021
92) 1,3-Dinitrobenzene	(3)	7.335	168	183520	53.690
93) 2,6-Dinitrotoluene	(3)	7.362	165	242468	52.509
94) Acenaphthylene	(3)	7.394	152	1482277	51.415
96) 3-Nitroaniline	(3)	7.490	138	293719	52.584
97) Acenaphthene-d10	(3)	7.511	164	642747	40.000
98) Acenaphthene	(3)	7.538	153	967006	50.418
99) 2,4-Dinitrophenol	(3)	7.586	184	90825	53.038
100) Pentachlorobenzene	(3)	7.645	250	389707	51.469
102) 4-Nitrophenol	(3)	7.656	109	171619	51.900
103) Dibenzofuran	(3)	7.682	168	1445417	51.402
104) 2,4-Dinitrotoluene	(3)	7.693	165	303011	52.659
105) 1-Naphthylamine	(3)	7.747	143	1066832	51.779
106) 2,3,4,6-Tetrachlorophenol	(3)	7.789	232	225216	50.218
107) 2-Naphthylamine	(3)	7.816	143	1099272	51.609
108) Diethylphthalate	(3)	7.907	149	1160517	51.039
109) Thionazin	(3)	7.971	107	245319	51.408
110) Fluorene	(3)	7.961	166	1181984	51.842
111) 4-Chlorophenyl-phenylether	(3)	7.977	204	536864	51.832
112) 5-Nitro-o-toluidine	(3)	7.987	152	339930	52.624
113) 4-Nitroaniline	(3)	7.998	138	325058	51.796

M = Compound was manually integrated. A = User selected an alternate hit

Quant Report

Target Revision 3.5

Data File: /chem/HP11165.i/07aug29a.b/gh1034.d Instrument ID: HP11165.i
Injection date and time: 29-AUG-2007 17:32 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07aug29a.b/minti.m Sublist used: all1
Calibration date and time: 29-AUG-2007 18:36
Date, time and analyst ID of latest file update: 29-Aug-2007 18:36 gjd01970

Sample Name: SSTD050 Lab Sample ID: STD2407

	Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
114)	4,6-Dinitro-2-methylphenol	(4)	8.025	198	144531	54.310
115)	1-Nitronaphthalene	(4)	8.035	173	230034	52.405
116)	N-Nitrosodiphenylamine	(4)	8.073	169	882594	51.952
117)	1,2-Diphenylhydrazine	(4)	8.105	77	1528020	50.938
119)	Tetraethyldithiopyrophosphate	(4)	8.223	97	205837	50.858
120)	1,3,5-Trinitrobenzene	(4)	8.330	213	88008	55.574
121)	Diallate (peak 1)	(4)	8.319	86	502684	38.021
122)	Phorate	(4)	8.324	75	1144813	51.995
123)	Phenacetin	(4)	8.356	108	695605	52.552
124)	4-Bromophenyl-phenylether	(4)	8.372	248	309995	51.148
125)	Diallate (peak 2)	(4)	8.388	86	171831	12.693
126)	Hexachlorobenzene	(4)	8.405	284	320189	51.010
127)	Dimethoate	(4)	8.463	87	530244	51.386
128)	Diallate TRANS/CIS	(4)	23.156	86	674515	50.713
130)	Pentachlorophenol	(4)	8.581	266	160901	49.272
131)	Pentachloronitrobenzene	(4)	8.586	237	116321	51.353
132)	4-Aminobiphenyl	(4)	8.586	169	967185	51.585
133)	Pronamide	(4)	8.656	173	488345	51.178
134)	Phenanthrene-d10	(4)	8.725	188	1268287	40.000
135)	Dinoseb	(4)	8.742	211	206274	55.712
136)	Phenanthrene	(4)	8.747	178	1622870	51.237
137)	Anthracene	(4)	8.784	178	1714087	51.369
139)	Carbazole	(4)	8.929	167	1700515	51.480
140)	Methyl parathion	(4)	9.052	109	333899	53.713
141)	Di-n-butylphthalate	(4)	9.244	149	2067157	51.680
142)	Parathion	(4)	9.378	109	242676	54.436
143)	4-Nitroquinoline-1-oxide	(4)	9.389	190	95369	59.891
144)	Methapyrilene	(4)	9.464	97	504283	49.288
145)	Isodrin	(4)	9.587	193	169172	50.546
146)	Fluoranthene	(4)	9.715	202	1958266	51.059
151)	Benzidine	(5)	9.849	184	3370292	156.109
153)	Pyrene	(5)	9.891	202	2014461	50.928
157)	p-Dimethylaminoazobenzene	(5)	10.159	225	428561	51.894
158)	Chlorobenzilate	(5)	10.202	139	569259	52.017
159)	3,3'-Dimethylbenzidine	(5)	10.437	212	976503	53.273
160)	Butylbenzylphthalate	(5)	10.458	149	919164	51.359
161)	2-Acetylaminofluorene	(5)	10.646	181	700500	50.708
163)	3,3'-Dichlorobenzidine	(5)	10.881	252	674853	52.145
164)	4,4'-Methylenebis(2-Chloroanil	(5)	10.886	231	325640	53.146
165)	Benzo(a)anthracene	(5)	10.886	228	1796557	50.909
166)	Chrysene-d12	(5)	10.897	240	1148019	40.000
167)	Chrysene	(5)	10.918	228	1782108	50.991
168)	bis(2-Ethylhexyl)phthalate	(5)	10.961	149	1275721	51.025

M = Compound was manually integrated. A = User selected an alternate hit

Quant Report

Target Revision 3.5

Data File: /chem/HP11165.i/07aug29a.b/gh1034.d Instrument ID: HP11165.i
Injection date and time: 29-AUG-2007 17:32 Analyst ID: gjd01970

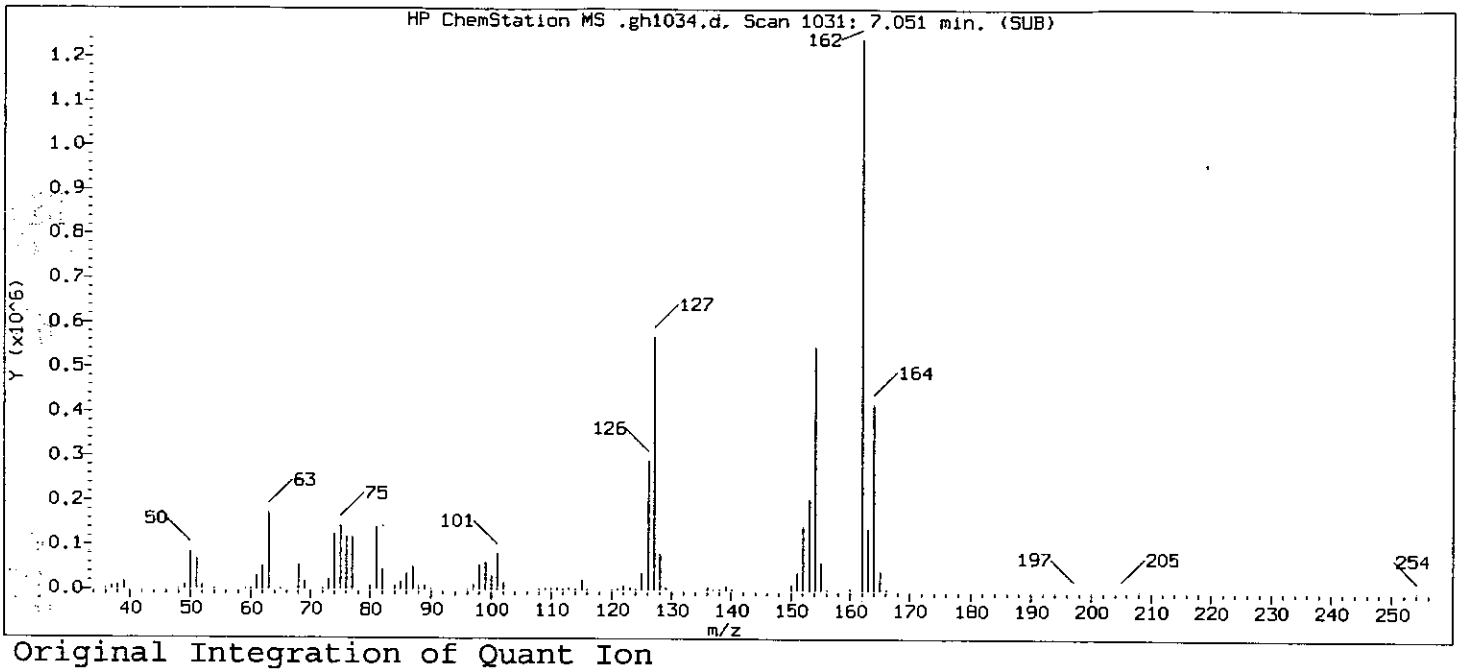
Method used: /chem/HP11165.i/07aug29a.b/minti.m Sublist used: all1
Calibration date and time: 29-AUG-2007 18:36
Date, time and analyst ID of latest file update: 29-Aug-2007 18:36 gjd01970

Sample Name: SSTD050 Lab Sample ID: STD2407

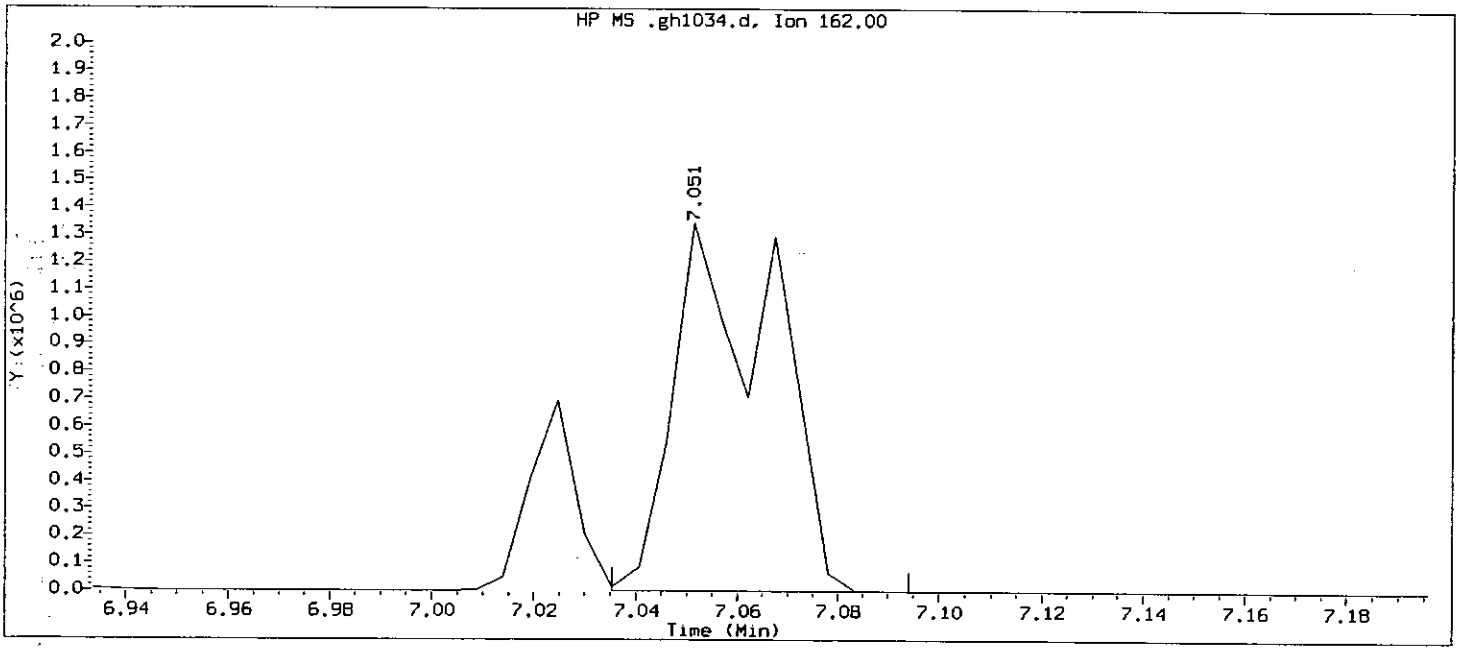
	Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
188)	6-Methylchrysene	(5)	11.336	242	1230136	50.892
169)	Di-n-octylphthalate	(6)	11.592	149	2233103	52.347
189)	Dibenz(a,h)acridine	(6)	13.282	279	1511112	51.249
190)	Dibenz(a,j)acridine	(6)	13.341	279	1420440	51.630
170)	7,12-Dimethylbenz[a]anthracene	(6)	11.924	256	903795	51.745
171)	Benzo(b)fluoranthene	(6)	11.924	252	1941455	43.344
194)	Ronnel	(4)	9.127	285	374017	51.591
172)	Benzo(k)fluoranthene	(6)	11.956	252	1876676	43.075
173)	Benzo(a)pyrene	(6)	12.266	252	1759342	51.656
174)	Perylene-d12	(6)	12.325	264	984630	40.000
175)	3-Methylcholanthrene	(6)	12.662	268	920767	51.990
176)	Indeno(1,2,3-cd)pyrene	(6)	13.539	276	2053343	51.718
177)	Dibenz(a,h)anthracene	(6)	13.571	278	1646969	51.211
178)	Benzo(g,h,i)perylene	(6)	13.839	276	1716668	51.294
84)	1-Chloronaphthalene	(3)	7.067	162	877779M	49.488
9)	2-Fluorophenol	(1)	3.569	112	528380	50.725
14)	Phenol-d5	(1)	4.575	99	750421	51.094
15)	Phenol-d6	(1)	4.575	99	750421	51.094
38)	Nitrobenzene-d5	(2)	5.404	82	617169	51.867
77)	2-Fluorobiphenyl	(3)	6.966	172	1064529	50.756
118)	2,4,6-Tribromophenol	(3)	8.159	330	137383	51.532
155)	Terphenyl-d14	(5)	10.041	244	1213410	51.274

M = Compound was manually integrated. A = User selected an alternate hit

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP11165.i/07aug29a.b/gh1034.d Instrument ID: HP11165.i
Injection date and time: 29-AUG-2007 17:32 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07aug29a.b/minti.m Sublist used: all1
Calibration date and time: 29-AUG-2007 17:49
Date, time and analyst ID of latest file update: 29-Aug-2007 17:50 Automation

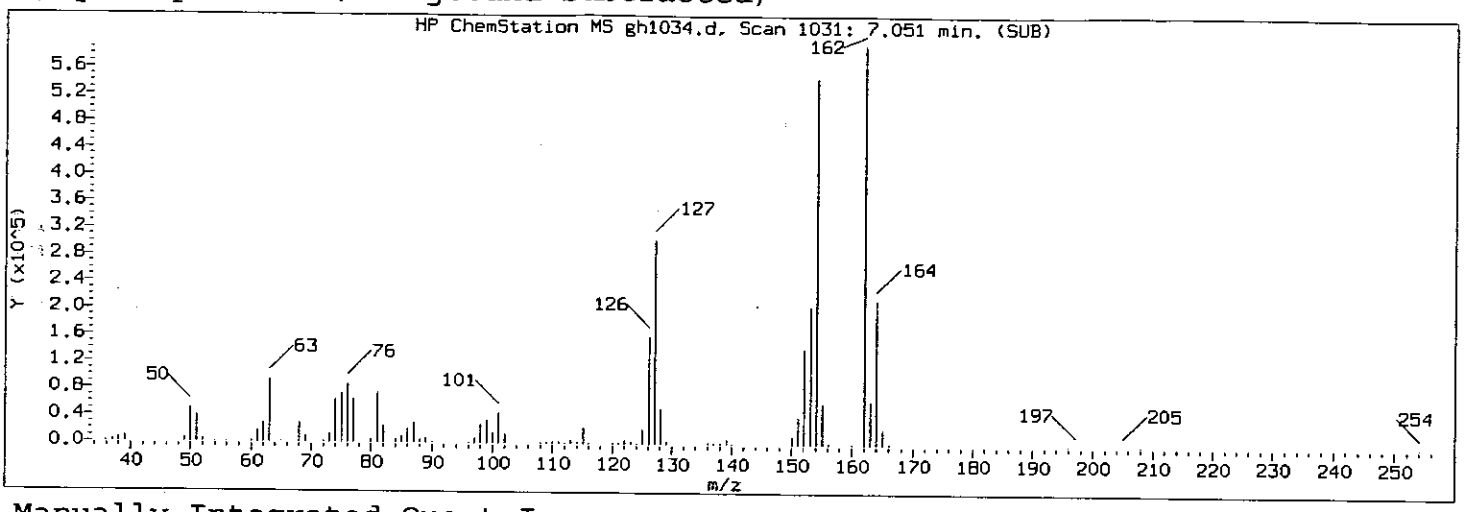
Sample Name: SSTD050 Lab Sample ID: STD2407

Compound Number	: 83
Compound Name	: 2-Chloronaphthalene
Scan Number	: 1031
Retention Time (minutes)	: 7.051
Quant Ion	: 162
Area	: 1840545
Concentration (ng/ul)	: 77.0065
Integration start scan	: 1027 Integration stop scan: 1038
Y at integration start	: 61 Y at integration end: 51

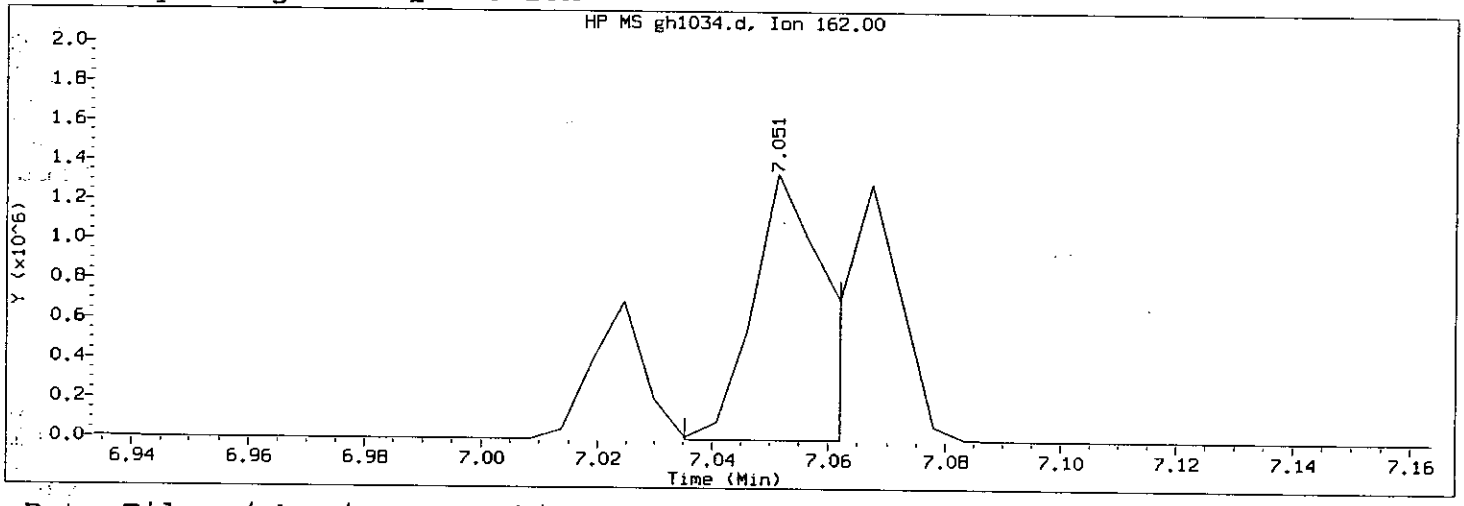
GJ/97 8641 8/29/07

Original Integration Report for data file /chem/HP11165.i/07aug29a.b/gh1034.d, generated on 08/29/2007 at 18:36

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP11165.i/07aug29a.b/gh1034.d Instrument ID: HP11165.i
Injection date and time: 29-AUG-2007 17:32 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07aug29a.b/minti.m Sublist used: all
Calibration date and time: 29-AUG-2007 18:36
Date, time and analyst ID of latest file update: 29-Aug-2007 18:36 gjd01970

Sample Name: SSTD050 Lab Sample ID: STD2407

Compound Number : 83
Compound Name : 2-Chloronaphthalene
Scan Number : 1031
Retention Time (minutes): 7.051
Quant Ion : 162
Area (flag) : 1189731 M
Concentration (ng/ul) : 58.7058
Integration start scan : 1027 Integration stop scan: 1032
Y at integration start : 61 Y at integration end: 57

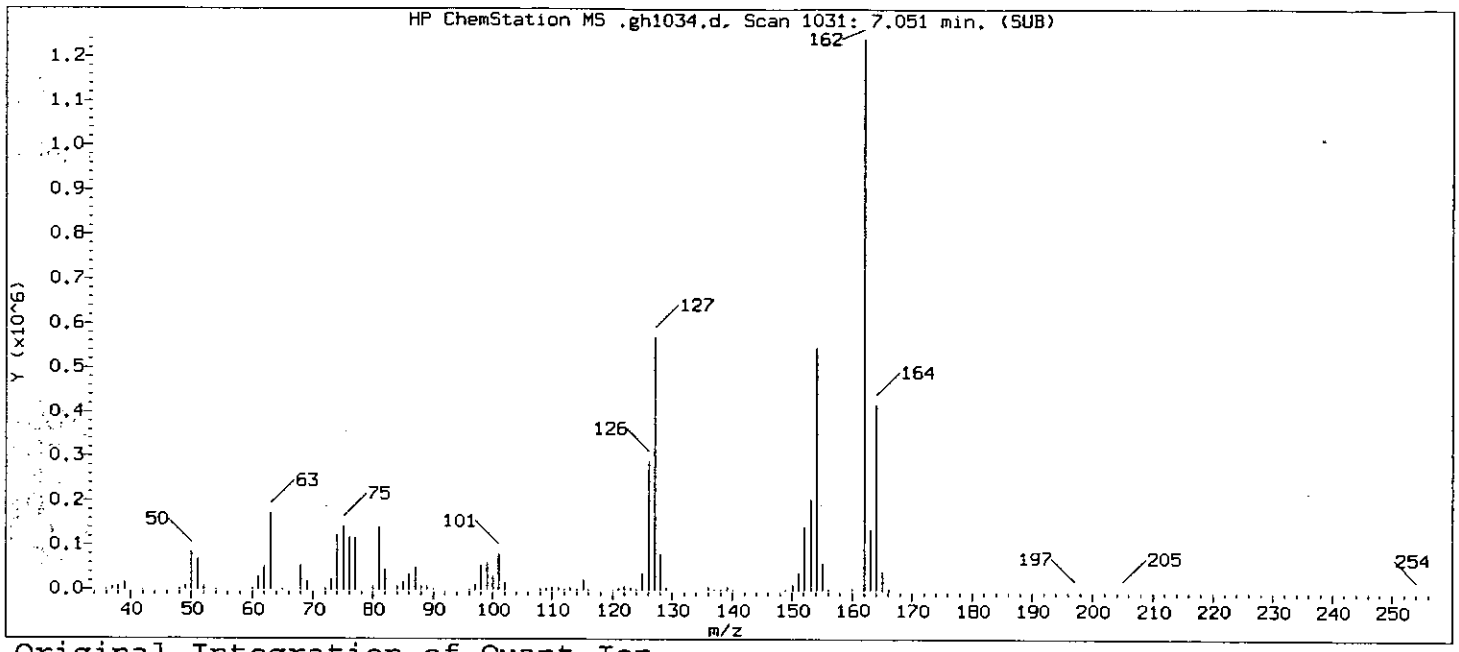
Reason for manual integration (circle one): missed peak (improper integration)

Analyst responsible for change: 1970 8/29/07

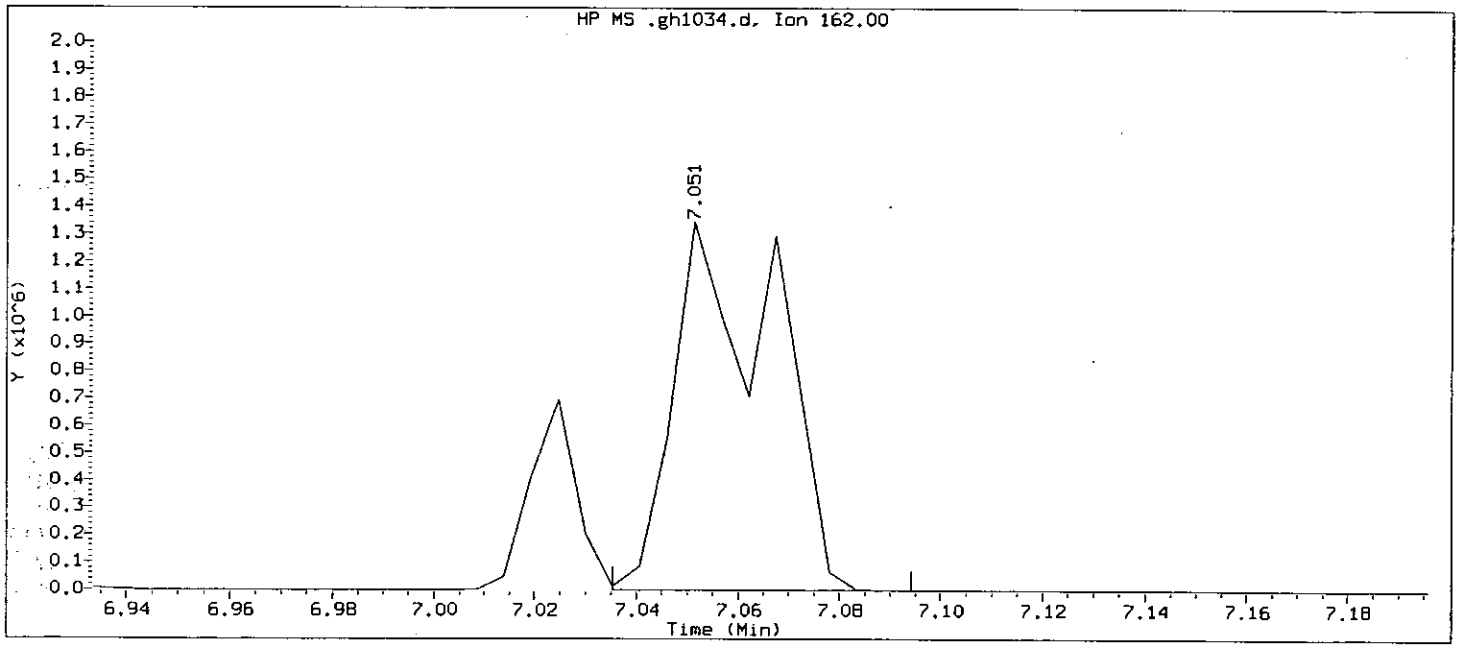
GC/MS audit/management approval: 8/30/07

Manual Integration Report for data file /chem/HP11165.i/07aug29a.b/gh1034.d, generated on 08/29/2007 at 18:36

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP11165.i/07aug29a.b/gh1034.d Instrument ID: HP11165.i
Injection date and time: 29-AUG-2007 17:32 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07aug29a.b/minti.m Sublist used: all1
Calibration date and time: 29-AUG-2007 17:49
Date, time and analyst ID of latest file update: 29-Aug-2007 17:50 Automation

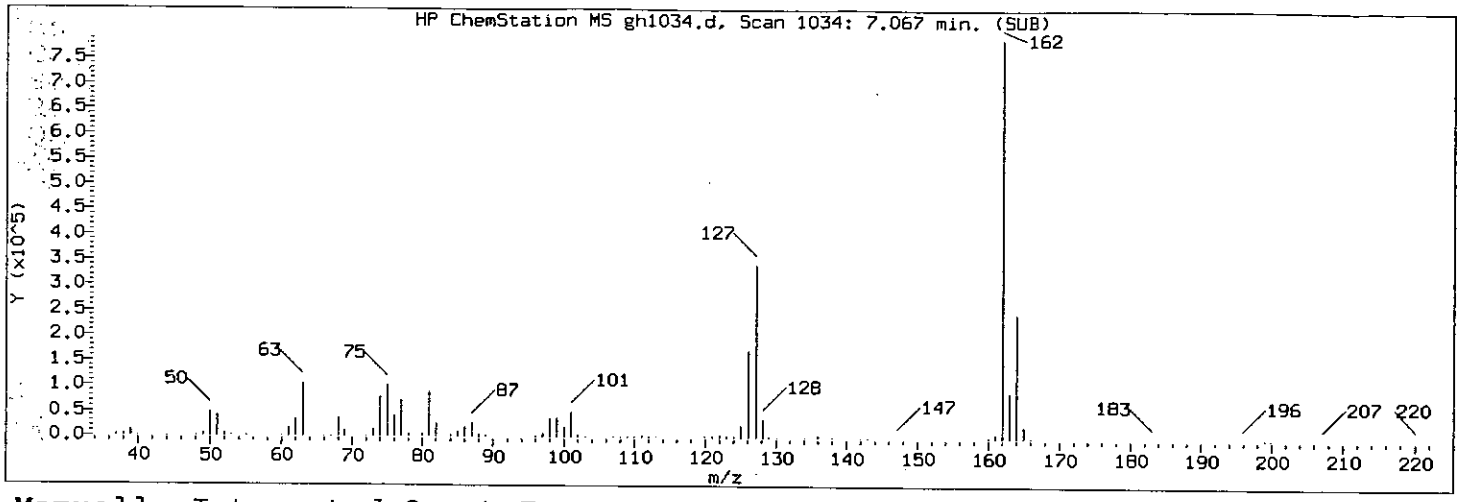
Sample Name: SSTD050 Lab Sample ID: STD2407

Compound Number : 84
Compound Name : 1-Chloronaphthalene
Scan Number : 1031
Retention Time (minutes): 7.051
Quant Ion : 162
Area : 1840229
Concentration (ng/ul) : 82.5282
Integration start scan : 1027 Integration stop scan: 1038
Y at integration start : 150 Y at integration end: 138

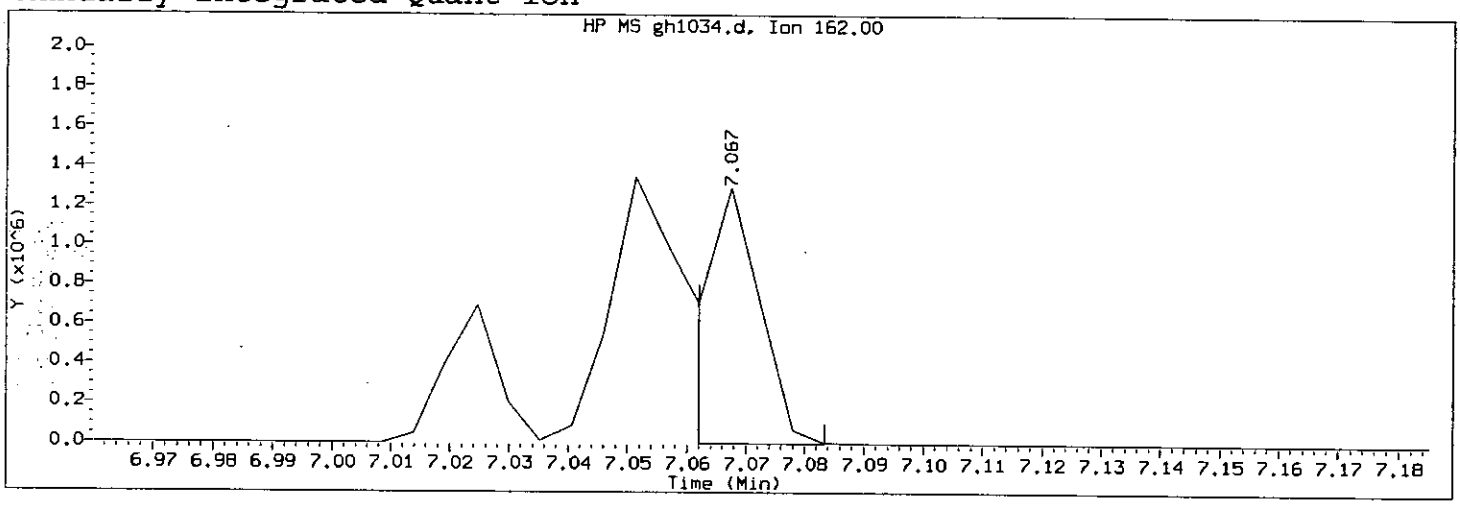
GJ 8/29/7
8643

Original Integration Report for data file /chem/HP11165.i/07aug29a.b/gh1034.d, generated on 08/29/2007 at 18:36

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP11165.i/07aug29a.b/gh1034.d Instrument ID: HP11165.i
Injection date and time: 29-AUG-2007 17:32 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07aug29a.b/minti.m Sublist used: all
Calibration date and time: 29-AUG-2007 18:36
Date, time and analyst ID of latest file update: 29-Aug-2007 18:36 gjd01970

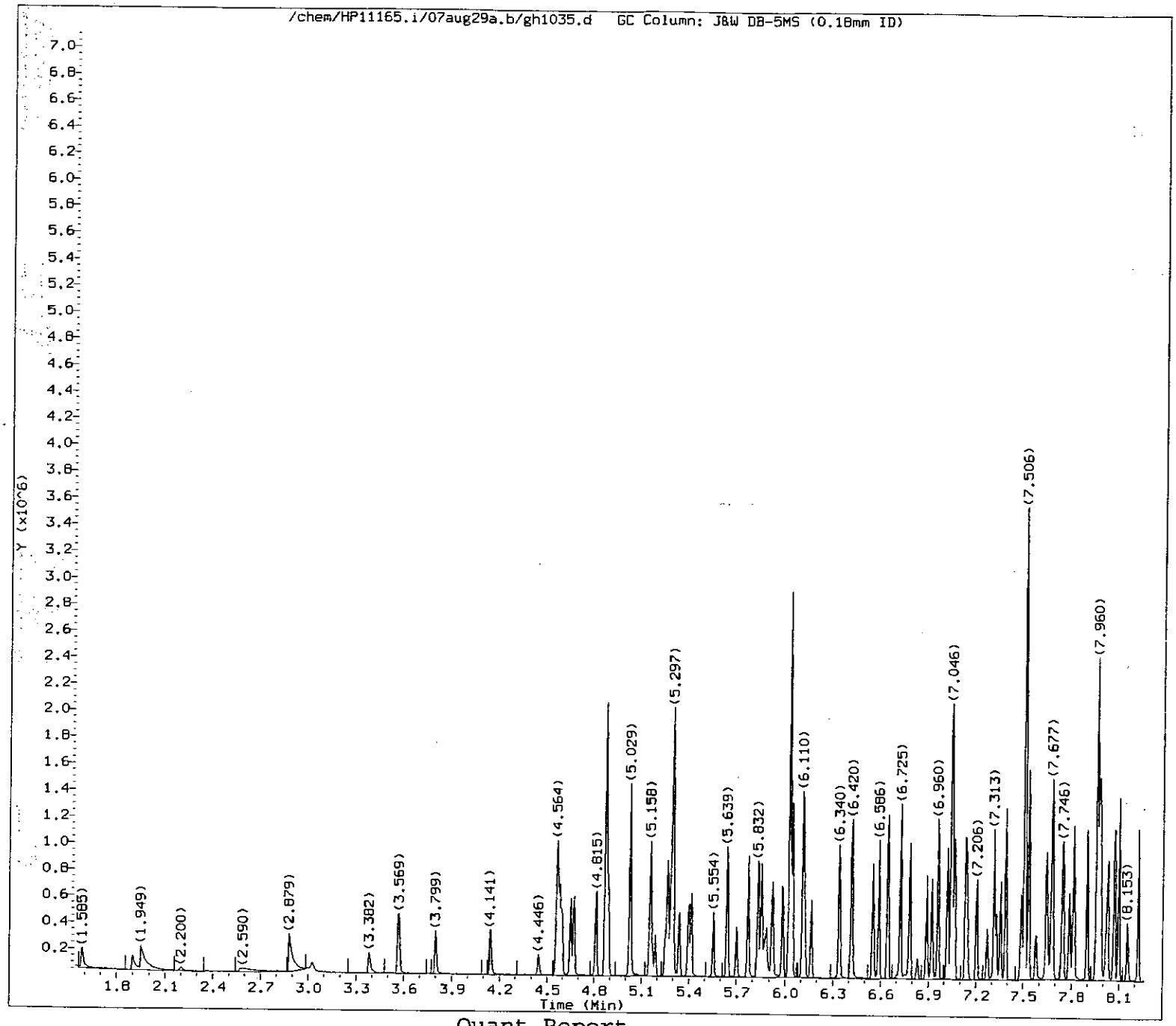
Sample Name: SSTD050 Lab Sample ID: STD2407

Compound Number	: 84	
Compound Name	: 1-Chloronaphthalene	
Scan Number	: 1034	
Retention Time (minutes)	: 7.067	
Quant Ion	: 162	
Area (flag)	: 877779	M
Concentration (ng/ul)	: 49.4884	
Integration start scan	: 1032	Integration stop scan: 1036
Y at integration start	: 1154	Y at integration end: 1154

Reason for manual integration (circle one) missed peak (improper integration)

Analyst responsible for change: MTO 8/29/07

GC/MS audit/management approval: 8644 8/30/07



Quant Report

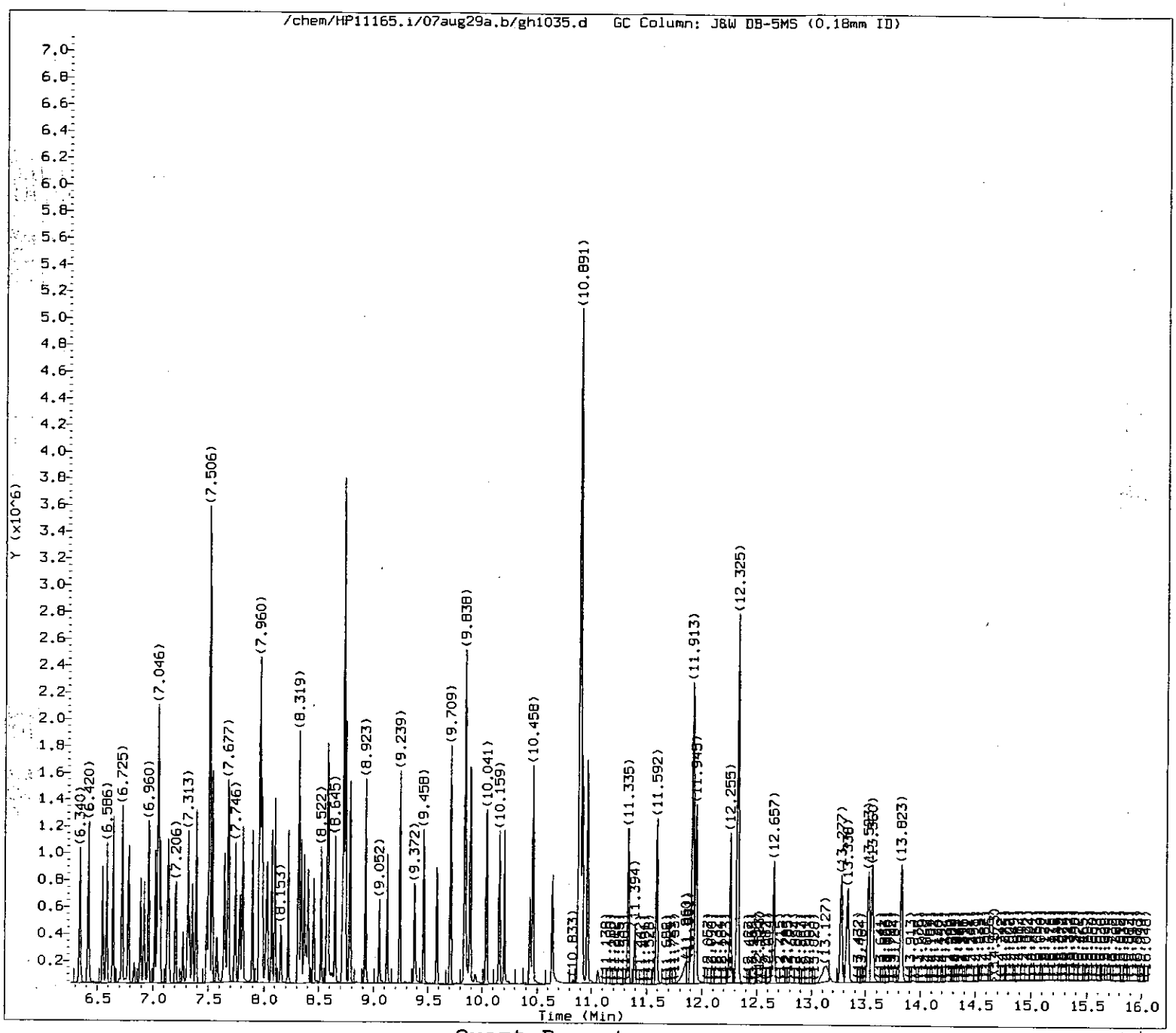
Target Revision 3.5

Data File: /chem/HP11165.i/07aug29a.b/gh1035.d Instrument ID: HP11165.i
Injection date and time: 29-AUG-2007 17:57 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07aug29a.b/minti.m Sublist used: all1
Calibration date and time: 29-AUG-2007 18:39
Date, time and analyst ID of latest file update: 29-Aug-2007 18:39 gjd01970

Sample Name: SSTD015 Lab Sample ID: STD2407

8645 Cos 11/1 8/29/7



Quant Report

Target Revision 3.5

Data File: /chem/HP11165.i/07aug29a.b/gh1035.d Instrument ID: HP11165.i
Injection date and time: 29-AUG-2007 17:57 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07aug29a.b/minti.m Sublist used: all1
Calibration date and time: 29-AUG-2007 18:39
Date, time and analyst ID of latest file update: 29-Aug-2007 18:39 gjd01970

Sample Name: SSTD015 Lab Sample ID: STD2407

8646

03/4/70
8/29/07

Quant Report

Target Revision 3.5

Data File: /chem/HP11165.i/07aug29a.b/gh1035.d Instrument ID: HP11165.i
Injection date and time: 29-AUG-2007 17:57 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07aug29a.b/minti.m Sublist used: all1
Calibration date and time: 29-AUG-2007 18:39
Date, time and analyst ID of latest file update: 29-Aug-2007 18:39 gjd01970

Sample Name: SSTD015 Lab Sample ID: STD2407

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
1) 1,4-Dioxane	(1)	1.585	88	61734	14.152
2) N-Nitrosodimethylamine	(1)	1.895	74	95625	13.477
3) Pyridine	(1)	1.949	79	163392	13.137
5) 2-Picoline	(1)	2.879	93	165831	13.839
6) N-Nitrosomethylethylamine	(1)	3.029	88	82658	14.236
7) Methyl methanesulfonate	(1)	3.382	80	63276	14.005
10) N-Nitrosodiethylamine	(1)	3.799	102	76045	13.803
11) Ethyl methanesulfonate	(1)	4.147	109	74354	13.955
13) Aniline	(1)	4.559	93	266375	14.015
16) Phenol	(1)	4.580	94	214466	14.130
17) Pentachloroethane	(1)	4.596	167	44321	14.722
18) bis(2-Chloroethyl)ether	(1)	4.650	93	168508	14.172
19) 2-Chlorophenol	(1)	4.671	128	132119	13.986
20) 1,3-Dichlorobenzene	(1)	4.815	146	130411	14.546
21) 1,4-Dichlorobenzene-d4	(1)	4.874	152	236633	40.000
22) 1,4-Dichlorobenzene	(1)	4.890	146	134793	14.629
24) Benzyl alcohol	(1)	5.029	108	111728	14.491
25) 1,2-Dichlorobenzene	(1)	5.029	146	126483	14.678
26) 2-Methylphenol	(1)	5.158	108	149442	14.025
27) 2,2'-oxybis(1-Chloropropane)	(1)	5.168	45	163468	14.628
28) bis(2-Chloroisopropyl)ether	(1)	5.168	45	163468	14.628
29) N-Nitrosopyrrolidine	(1)	5.254	100	86570	14.092
30) Acetophenone	(1)	5.265	105	212649	14.199
31) N-Nitroso-di-n-propylamine	(1)	5.286	70	126743	14.733
32) N-Nitrosomorpholine	(1)	5.291	56	91825	15.064
33) 4-Methylphenol	(1)	5.302	108	171786	14.691
34) o-Toluidine	(1)	5.297	106	251065	14.668
37) Hexachloroethane	(1)	5.340	117	51751	14.265
39) Nitrobenzene	(2)	5.414	77	168209	13.893
40) N-Nitrosopiperidine	(2)	5.554	114	80427	13.897
41) Isophorone	(2)	5.639	82	364804	14.158
42) 2-Nitrophenol	(2)	5.703	139	57181	13.462
44) 2,4-Dimethylphenol	(2)	5.773	107	157728	14.438
45) O,O,O-triethylphosphorothioate	(2)	5.837	198	63458	14.577
46) bis(2-Chloroethoxy)methane	(2)	5.853	93	180129	14.348
47) Benzoic acid	(2)	5.885	105	207276	30.182
49) 2,4-Dichlorophenol	(2)	5.923	162	104390	14.248
50) 1,2,4-Trichlorobenzene	(2)	5.987	180	103096	14.283
52) Naphthalene-d8	(2)	6.030	136	1040443	40.000
53) Naphthalene	(2)	6.046	128	418006	14.303
55) 4-Chloroaniline	(2)	6.110	127	180617	15.258
56) 2,6-Dichlorophenol	(2)	6.115	162	100144	14.605
57) Hexachloropropene	(2)	6.126	213	58556	14.014

M = Compound was manually integrated. A = User selected an alternate hit

Quant Report

Target Revision 3.5

Data File: /chem/HP11165.i/07aug29a.b/gh1035.d Instrument ID: HP11165.i
Injection date and time: 29-AUG-2007 17:57 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07aug29a.b/minti.m Sublist used: all1
Calibration date and time: 29-AUG-2007 18:39
Date, time and analyst ID of latest file update: 29-Aug-2007 18:39 gjd01970

Sample Name: SSTD015 Lab Sample ID: STD2407

	Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
59)	Hexachlorobutadiene	(2)	6.169	225	55355	14.262
62)	Caprolactam	(2)	6.420	113	56861	13.489
63)	N-Nitrosodi-n-butylamine	(2)	6.420	84	166110	16.373
67)	4-Chloro-3-methylphenol	(2)	6.548	107	145747	14.762
68)	Safrole	(2)	6.586	162	102137	14.357
69)	2-Methylnaphthalene	(2)	6.645	142	265195	14.241
70)	1-Methylnaphthalene	(2)	6.725	142	262317	14.612
71)	Hexachlorocyclopentadiene	(3)	6.778	237	26445	11.014
72)	1,2,4,5-Tetrachlorobenzene	(3)	6.784	216	107643	14.689
73)	cis-Isosafrole	(3)	6.832	162	10800	1.521
74)	2,4,6-Trichlorophenol	(3)	6.891	196	73004	14.089
76)	2,4,5-Trichlorophenol	(3)	6.923	196	84820	13.974
78)	trans-Isosafrole	(3)	7.019	162	118252	12.931
79)	Isosafrole	(3)	7.019	162	118252	14.529
80)	Biphenyl	(3)	7.040	154	342552	15.002
81)	Diphenyl	(3)	7.040	154	342552	15.002
82)	1,1'-Biphenyl	(3)	7.040	154	342552	15.002
83)	2-Chloronaphthalene	(3)	7.051	162	269796	13.872
87)	Diphenyl ether	(3)	7.137	170	185356	14.561
88)	2-Nitroaniline	(3)	7.147	138	79807	13.589
89)	1,4-Naphthoquinone	(3)	7.206	158	107940	14.773
90)	1,4-Dinitrobenzene	(3)	7.270	168	32015	12.484
91)	Dimethylphthalate	(3)	7.313	163	294257	14.630
92)	1,3-Dinitrobenzene	(3)	7.329	168	42663	13.005
93)	2,6-Dinitrotoluene	(3)	7.356	165	60493	13.650
94)	Acenaphthylene	(3)	7.388	152	401642	14.516
96)	3-Nitroaniline	(3)	7.484	138	73246	13.664
97)	Acenaphthene-d10	(3)	7.506	164	616851	40.000
98)	Acenaphthene	(3)	7.533	153	271613	14.756
99)	2,4-Dinitrophenol	(3)	7.581	184	41738	25.396
100)	Pentachlorobenzene	(3)	7.645	250	106246	14.621
102)	4-Nitrophenol	(3)	7.650	109	42597	13.423
103)	Dibenzofuran	(3)	7.677	168	397801	14.740
104)	2,4-Dinitrotoluene	(3)	7.682	165	75312	13.638
105)	1-Naphthylamine	(3)	7.746	143	293700	14.853
106)	2,3,4,6-Tetrachlorophenol	(3)	7.784	232	61127	14.202
107)	2-Naphthylamine	(3)	7.811	143	298896	14.622
108)	Diethylphthalate	(3)	7.896	149	319592	14.645
109)	Thionazin	(3)	7.960	107	69914	15.266
110)	Fluorene	(3)	7.960	166	324418	14.826
111)	4-Chlorophenyl-phenylether	(3)	7.971	204	148998	14.989
112)	5-Nitro-o-toluidine	(3)	7.982	152	83627	13.490
113)	4-Nitroaniline	(3)	7.987	138	83282	13.828

M = Compound was manually integrated. A = User selected an alternate hit

Quant Report

Target Revision 3.5

Data File: /chem/HP11165.i/07aug29a.b/gh1035.d Instrument ID: HP11165.i
Injection date and time: 29-AUG-2007 17:57 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07aug29a.b/minti.m Sublist used: all1
Calibration date and time: 29-AUG-2007 18:39
Date, time and analyst ID of latest file update: 29-Aug-2007 18:39 gjd01970

Sample Name: SSTD015 Lab Sample ID: STD2407

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
114) 4,6-Dinitro-2-methylphenol	(4)	8.014	198	29639	11.569
115) 1-Nitronaphthalene	(4)	8.030	173	59285	14.029
116) N-Nitrosodiphenylamine	(4)	8.073	169	240014	14.675
117) 1,2-Diphenylhydrazine	(4)	8.099	77	416010	14.405
119) Tetraethyldithiopyrophosphate	(4)	8.223	97	58737	15.075
120) 1,3,5-Trinitrobenzene	(4)	8.319	213	16202	10.627
121) Diallate (peak 1)	(4)	8.313	86	141701	11.132
122) Phorate	(4)	8.319	75	297941	14.056
123) Phenacetin	(4)	8.340	108	180575	14.170
124) 4-Bromophenyl-phenylether	(4)	8.372	248	85496	14.653
125) Diallate (peak 2)	(4)	8.383	86	46343	3.556
126) Hexachlorobenzene	(4)	8.404	284	87951	14.554
127) Dimethoate	(4)	8.458	87	157519	15.856
128) Diallate TRANS/CIS	(4)	23.156	86	188044	14.685
130) Pentachlorophenol	(4)	8.576	266	76880	24.454
131) Pentachloronitrobenzene	(4)	8.581	237	31789	14.577
132) 4-Aminobiphenyl	(4)	8.586	169	270617	14.992
133) Pronamide	(4)	8.645	173	131583	14.324
134) Phenanthrene-d10	(4)	8.725	188	1221017	40.000
135) Dinoseb	(4)	8.736	211	39499	11.081
136) Phenanthrene	(4)	8.741	178	455723	14.945
137) Anthracene	(4)	8.784	178	471488	14.677
139) Carbazole	(4)	8.923	167	455922	14.336
140) Methyl parathion	(4)	9.052	109	84230	14.074
141) Di-n-butylphthalate	(4)	9.239	149	555307	14.421
142) Parathion	(4)	9.372	109	54077	12.600
143) 4-Nitroquinoline-1-oxide	(4)	9.383	190	15377	10.030
144) Methapyrilene	(4)	9.458	97	176473	17.916
145) Isodrin	(4)	9.586	193	48129	14.937
146) Fluoranthene	(4)	9.709	202	529050	14.328
151) Benzidine	(5)	9.838	184	869610	40.364
153) Pyrene	(5)	9.891	202	546516	13.845
157) p-Dimethylaminoazobenzene	(5)	10.159	225	112846	13.693
158) Chlorobenzilate	(5)	10.201	139	150136	13.748
159) 3,3'-Dimethylbenzidine	(5)	10.431	212	225031	12.302
160) Butylbenzylphthalate	(5)	10.458	149	252625	14.145
161) 2-Acetylaminofluorene	(5)	10.640	181	170004	12.332
163) 3,3'-Dichlorobenzidine	(5)	10.881	252	173668	13.447
164) 4,4'-Methylenebis(2-Chloroanil	(5)	10.886	231	84225	13.775
165) Benzo(a)anthracene	(5)	10.886	228	504430	14.324
166) Chrysene-d12	(5)	10.891	240	1145630	40.000
167) Chrysene	(5)	10.913	228	483835	13.873
168) bis(2-Ethylhexyl)phthalate	(5)	10.961	149	350973	14.067

M = Compound was manually integrated. A = User selected an alternate hit

Quant Report

Target Revision 3.5

Data File: /chem/HP11165.i/07aug29a.b/gh1035.d Instrument ID: HP11165.i
Injection date and time: 29-AUG-2007 17:57 Analyst ID: gjd01970

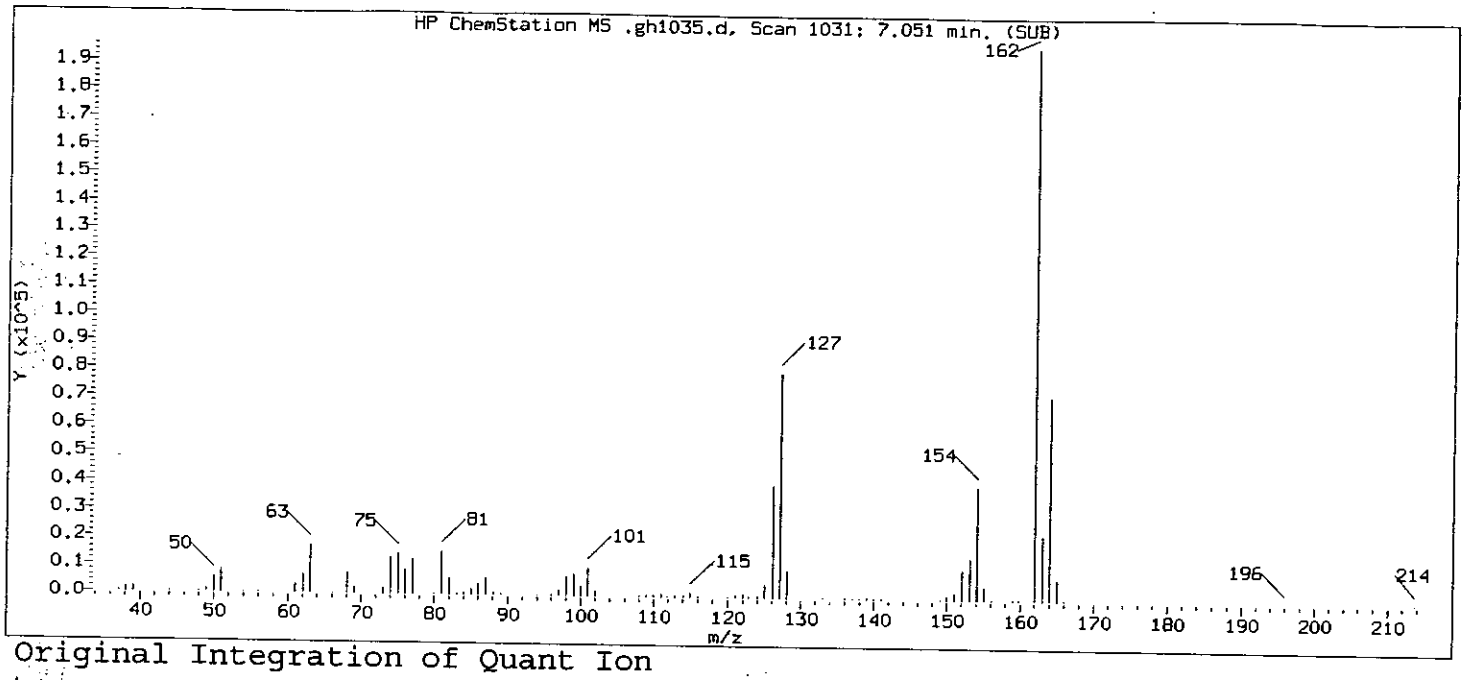
Method used: /chem/HP11165.i/07aug29a.b/minti.m Sublist used: all1
Calibration date and time: 29-AUG-2007 18:39
Date, time and analyst ID of latest file update: 29-Aug-2007 18:39 gjd01970

Sample Name: SSTD015 Lab Sample ID: STD2407

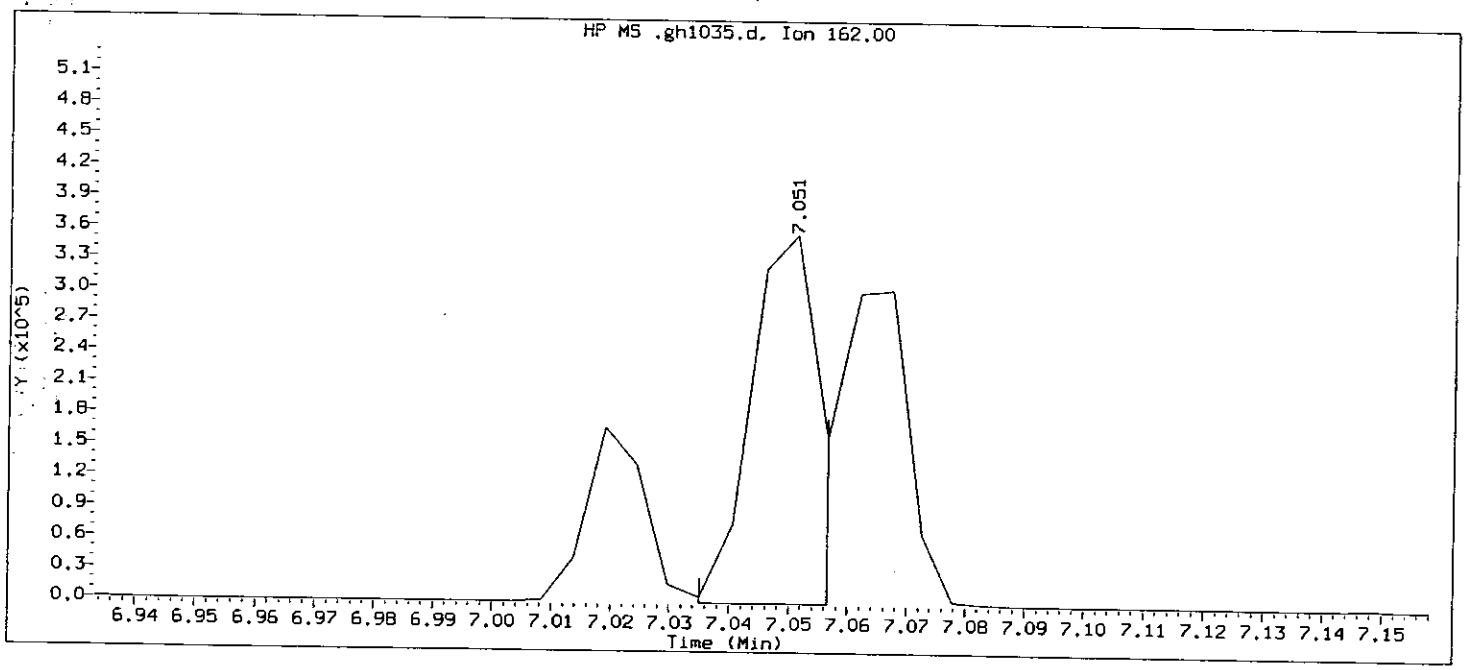
	Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
188)	6-Methylchrysene	(5)	11.335	242	328967	13.638
169)	Di-n-octylphthalate	(6)	11.592	149	570460	13.401
189)	Dibenz(a,h)acridine	(6)	13.277	279	404146	13.736
190)	Dibenz(a,j)acridine	(6)	13.336	279	370520	13.497
170)	7,12-Dimethylbenz[a]anthracene	(6)	11.913	256	242677	13.924
171)	Benzo(b)fluoranthene	(6)	11.918	252	524491M	13.822
194)	Ronnel	(4)	9.121	285	107890	15.458
172)	Benzo(k)fluoranthene	(6)	11.945	252	536510M	14.545
173)	Benzo(a)pyrene	(6)	12.255	252	467989	13.770
174)	Perylene-d12	(6)	12.325	264	982506	40.000
175)	3-Methylcholanthrene	(6)	12.657	268	240933	13.633
176)	Indeno(1,2,3-cd)pyrene	(6)	13.523	276	537411	13.565
177)	Dibenz(a,h)anthracene	(6)	13.560	278	447950	13.959
178)	Benzo(g,h,i)perylene	(6)	13.823	276	453636	13.584
84)	1-Chloronaphthalene	(3)	7.067	162	243190 A	14.591
9)	2-Fluorophenol	(1)	3.569	112	140551	13.922
14)	Phenol-d5	(1)	4.569	99	198912	13.974
15)	Phenol-d6	(1)	4.569	99	198912	13.974
38)	Nitrobenzene-d5	(2)	5.398	82	158324	13.757
77)	2-Fluorobiphenyl	(3)	6.960	172	294246	14.618
118)	2,4,6-Tribromophenol	(3)	8.158	330	34933	13.653
155)	Terphenyl-d14	(5)	10.041	244	322544	13.658

M = Compound was manually integrated. A = User selected an alternate hit

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP11165.i/07aug29a.b/gh1035.d Instrument ID: HP11165.i
Injection date and time: 29-AUG-2007 17:57 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07aug29a.b/minti.m Sublist used: all1
Calibration date and time: 29-AUG-2007 18:14
Date, time and analyst ID of latest file update: 29-Aug-2007 18:14 Automation

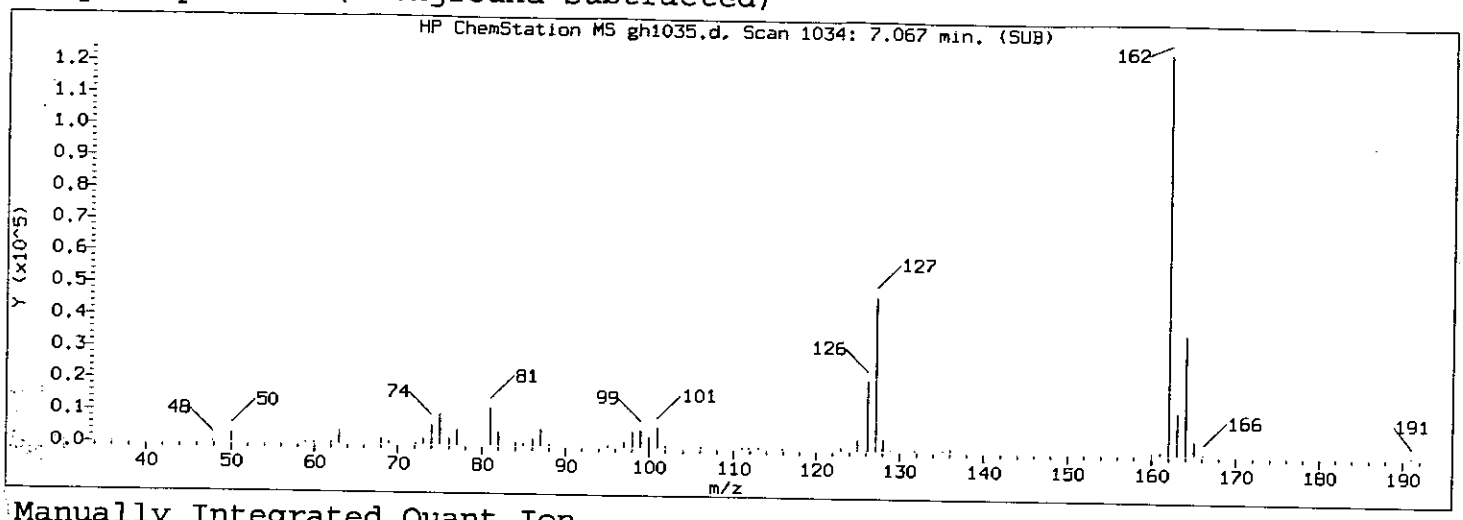
Sample Name: SSTD015 Lab Sample ID: STD2407

Compound Number	: 84
Compound Name	: 1-Chloronaphthalene
Scan Number	: 1031
Retention Time (minutes)	: 7.051
Quant Ion	: 162
Area	: 269797
Concentration (ng/ul)	: 13.0229
Integration start scan	: 1027 Integration stop scan: 1031
Y at integration start	: 0 Y at integration end: 0

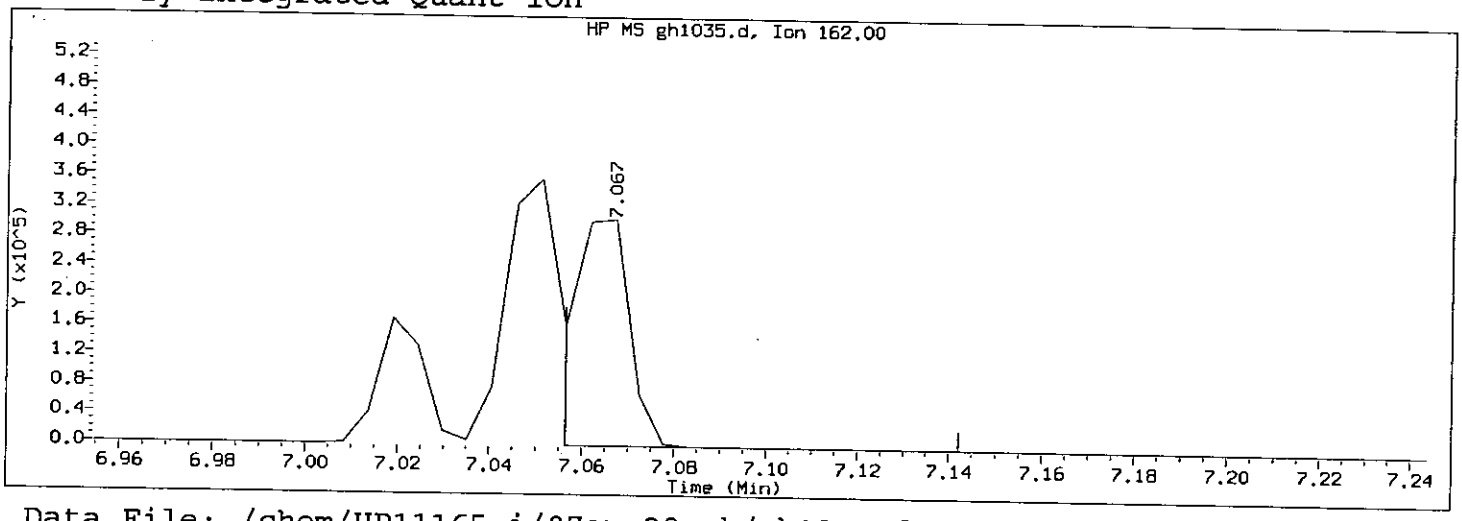
GJD/970
8651 8/29/14

Original Integration Report for data file /chem/HP11165.i/07aug29a.b/gh1035.d, generated on 08/29/2007 at 18:39

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP11165.i/07aug29a.b/gh1035.d Instrument ID: HP11165.i
Injection date and time: 29-AUG-2007 17:57 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07aug29a.b/minti.m Sublist used: all1
Calibration date and time: 29-AUG-2007 18:39
Date, time and analyst ID of latest file update: 29-Aug-2007 18:39 gjd01970

Sample Name: SSTD015 Lab Sample ID: STD2407

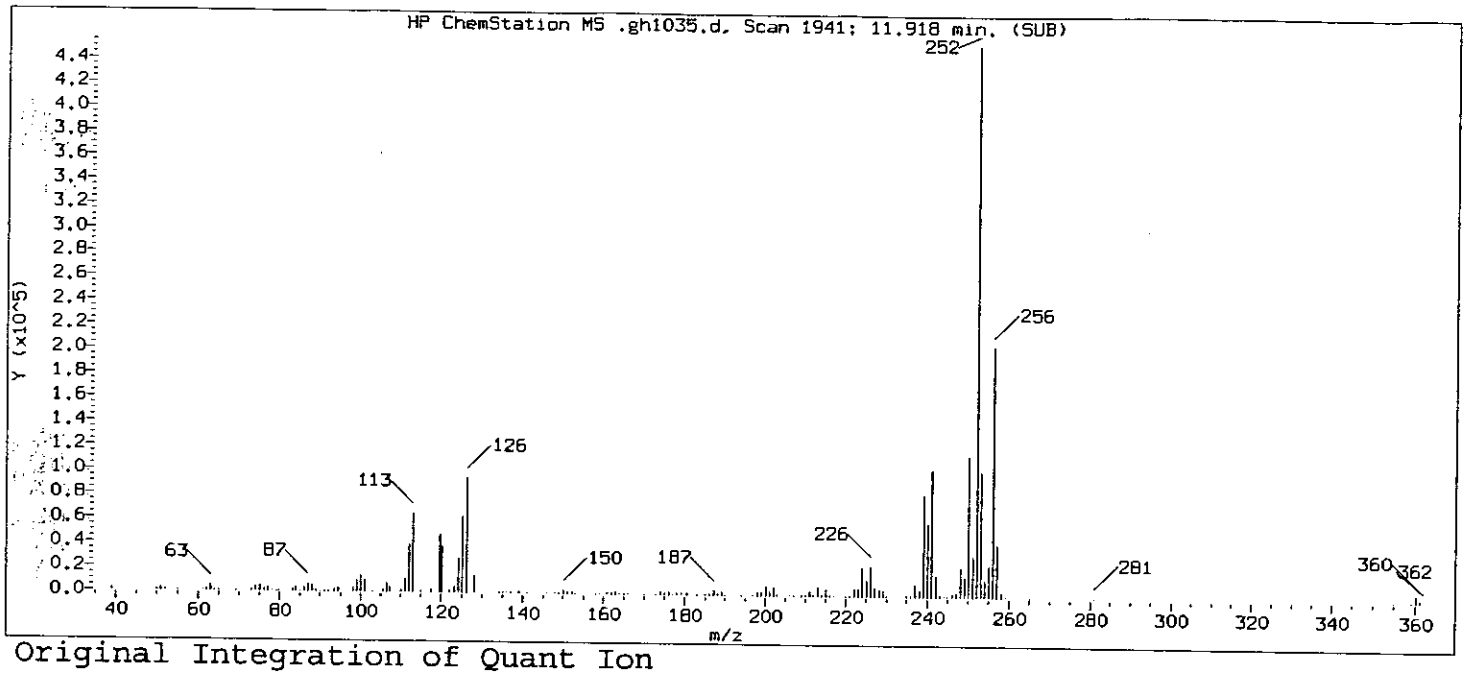
Compound Number	: 84
Compound Name	: 1-Chloronaphthalene
Scan Number	: 1034
Retention Time (minutes)	: 7.067
Quant Ion	: 162
Area (flag)	: 243190A
Concentration (ng/ul)	: 14.5905
Integration start scan	: 1031 Integration stop scan: 1047
Y at integration start	: 0 Y at integration end: 0

Reason for manual integration (circle one): missed peak (improper integration)

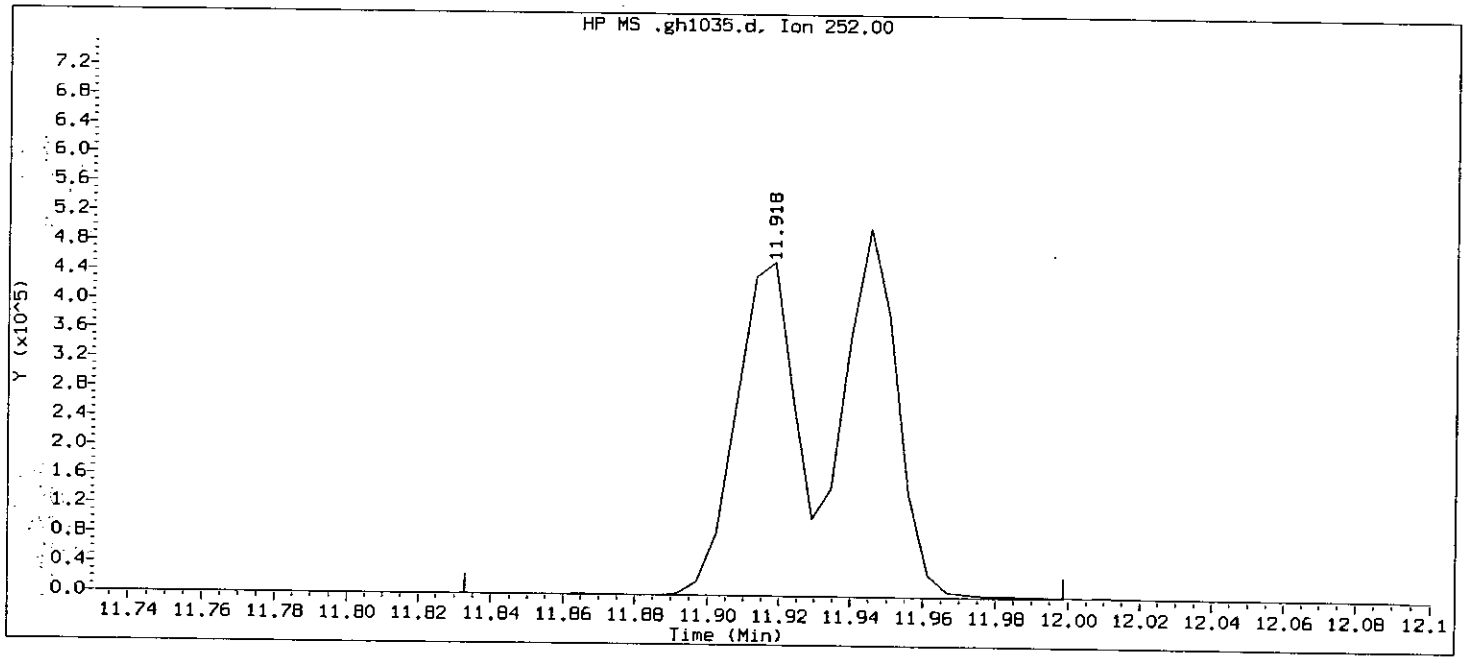
Analyst responsible for change: gjd 1970 8/29/07

GC/MS audit/management approval: [illegible] 8/30/07

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP11165.i/07aug29a.b/gh1035.d Instrument ID: HP11165.i
Injection date and time: 29-AUG-2007 17:57 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07aug29a.b/minti.m Sublist used: all1
Calibration date and time: 29-AUG-2007 18:14
Date, time and analyst ID of latest file update: 29-Aug-2007 18:14 Automation

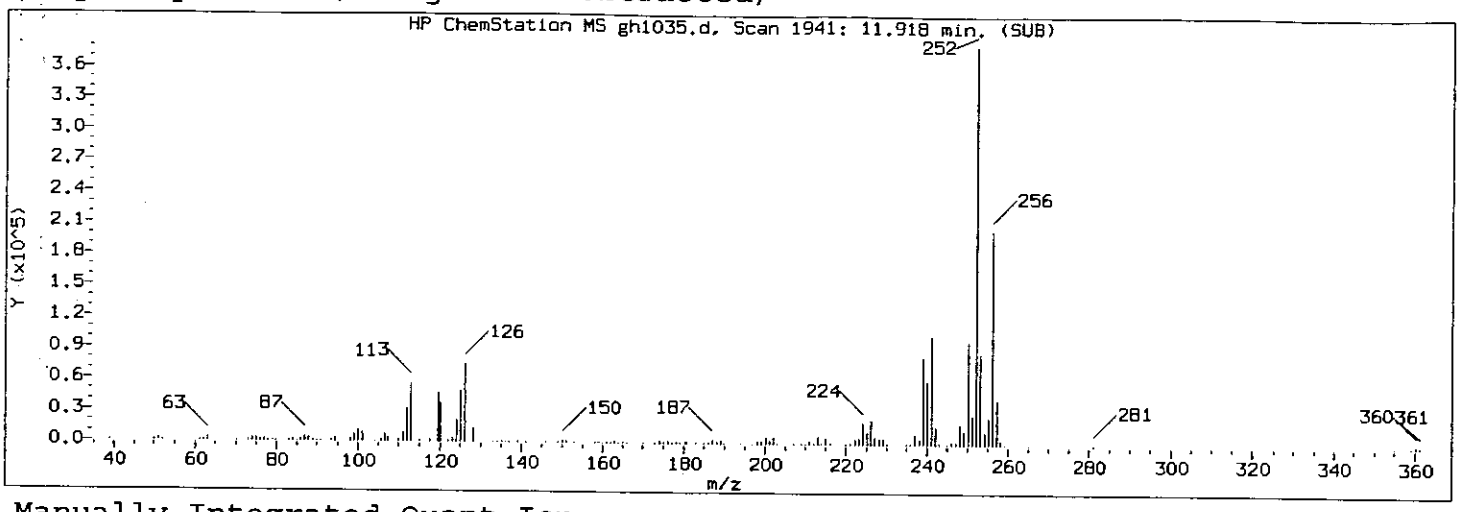
Sample Name: SSTD015 Lab Sample ID: STD2407

Compound Number	:	171
Compound Name	:	Benzo(b)fluoranthene
Scan Number	:	1941
Retention Time (minutes)	:	11.918
Quant Ion	:	252
Area	:	1030655
Concentration (ng/ul)	:	23.0594
Integration start scan	:	1924 Integration stop scan: 1955
Y at integration start	:	0 Y at integration end: 239

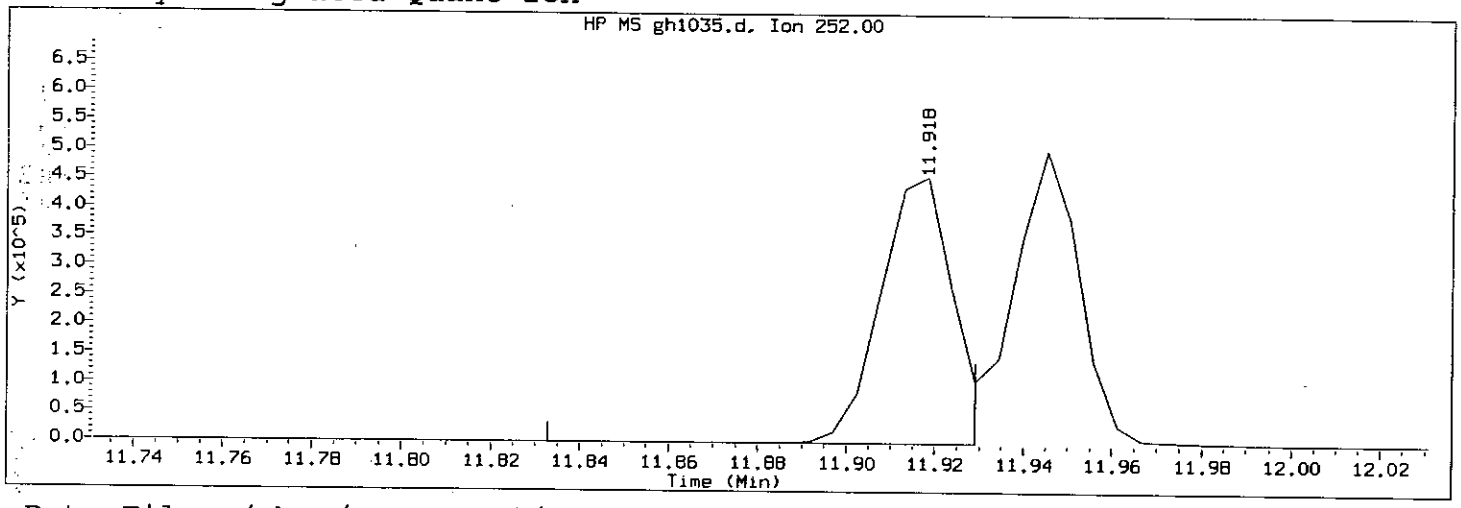
0653 GB 8/24/07

Original Integration Report for data file /chem/HP11165.i/07aug29a.b/gh1035.d, generated on 08/29/2007 at 18:39

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP11165.i/07aug29a.b/gh1035.d Instrument ID: HP11165.i
Injection date and time: 29-AUG-2007 17:57 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07aug29a.b/minti.m Sublist used: all1
Calibration date and time: 29-AUG-2007 18:39
Date, time and analyst ID of latest file update: 29-Aug-2007 18:39 gjd01970

Sample Name: SSTD015 Lab Sample ID: STD2407

Compound Number : 171
Compound Name : Benzo(b)fluoranthene
Scan Number : 1941
Retention Time (minutes): 11.918
Quant Ion : 252
Area (flag) : 524491 M
Concentration (ng/ul) : 13.8218
Integration start scan : 1924 Integration stop scan: 1942
Y at integration start : 0 Y at integration end: 138

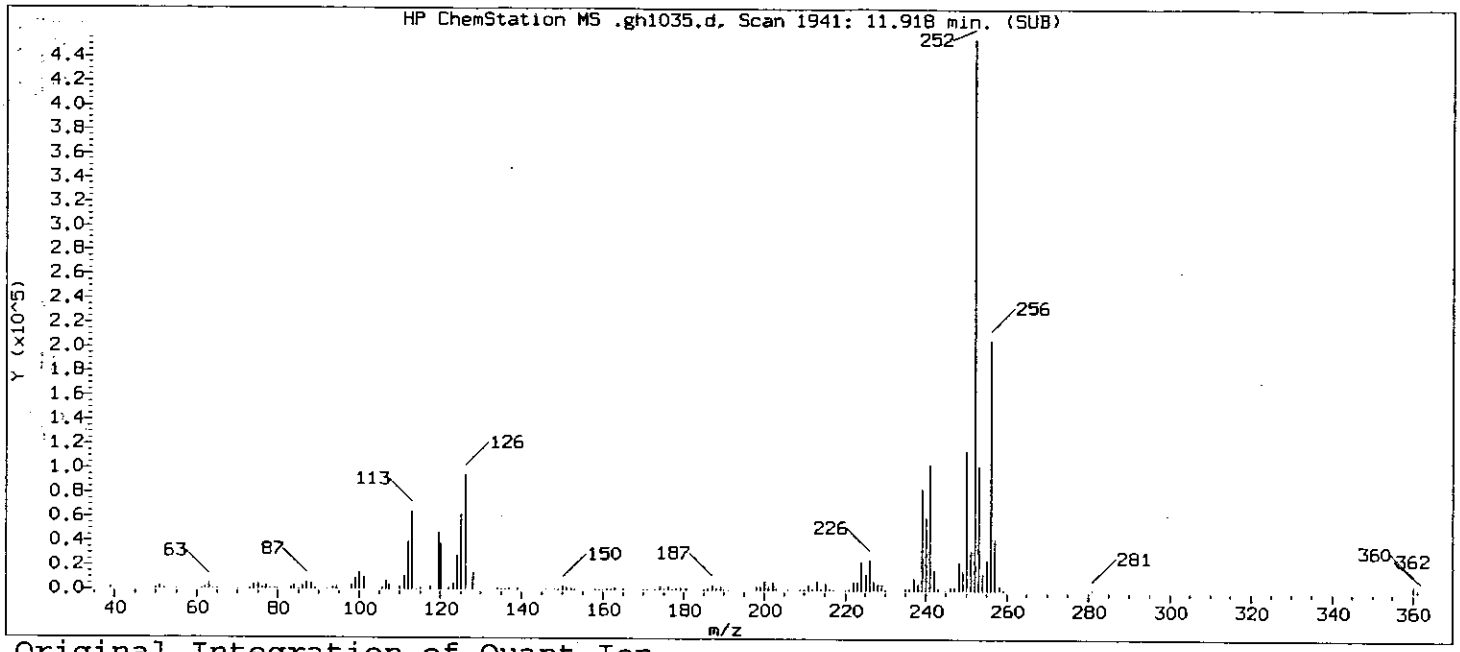
Reason for manual integration (circle one): missed peak (improper integration)

Analyst responsible for change: 1970 8/29/07

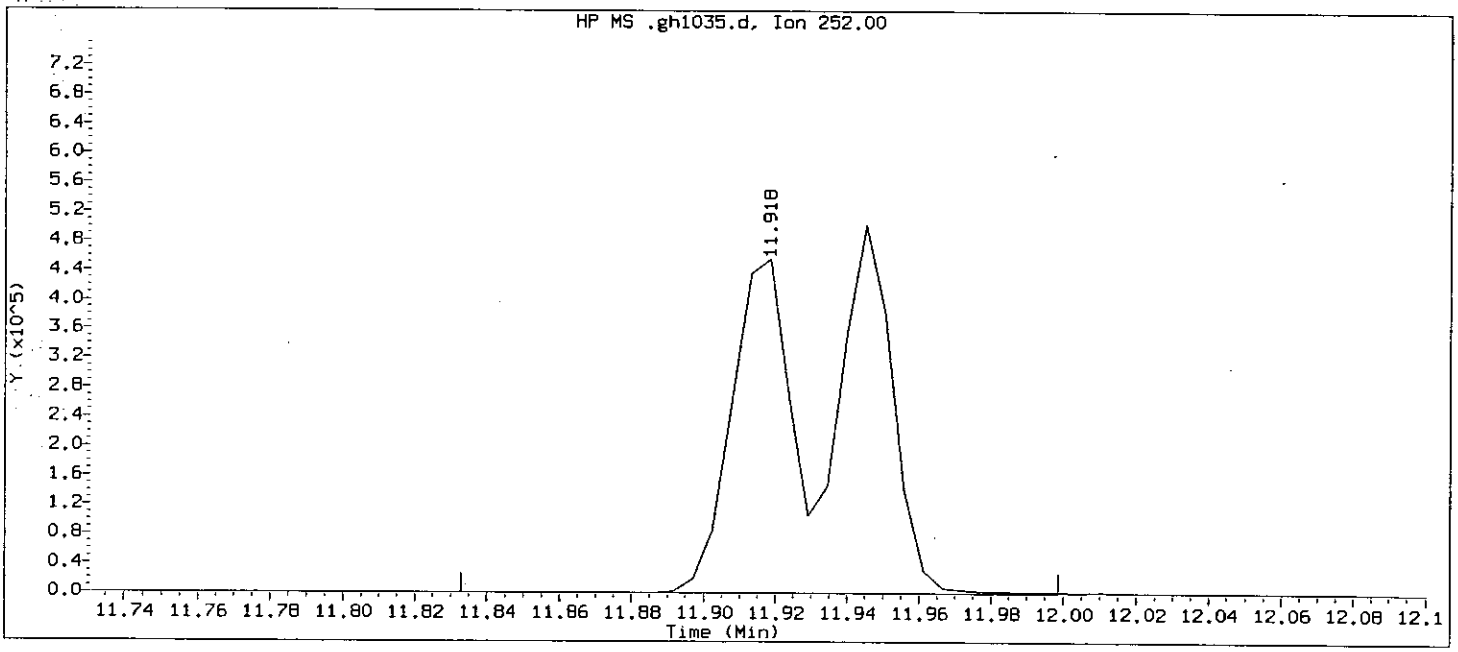
GC/MS audit/management approval: 8654 8/30/07

Manual Integration Report for data file /chem/HP11165.i/07aug29a.b/gh1035.d, generated on 08/29/2007 at 18:39

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP11165.i/07aug29a.b/gh1035.d Instrument ID: HP11165.i
Injection date and time: 29-AUG-2007 17:57 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07aug29a.b/minti.m Sublist used: all1
Calibration date and time: 29-AUG-2007 18:14
Date, time and analyst ID of latest file update: 29-Aug-2007 18:14 Automation

Sample Name: SSTD015 Lab Sample ID: STD2407

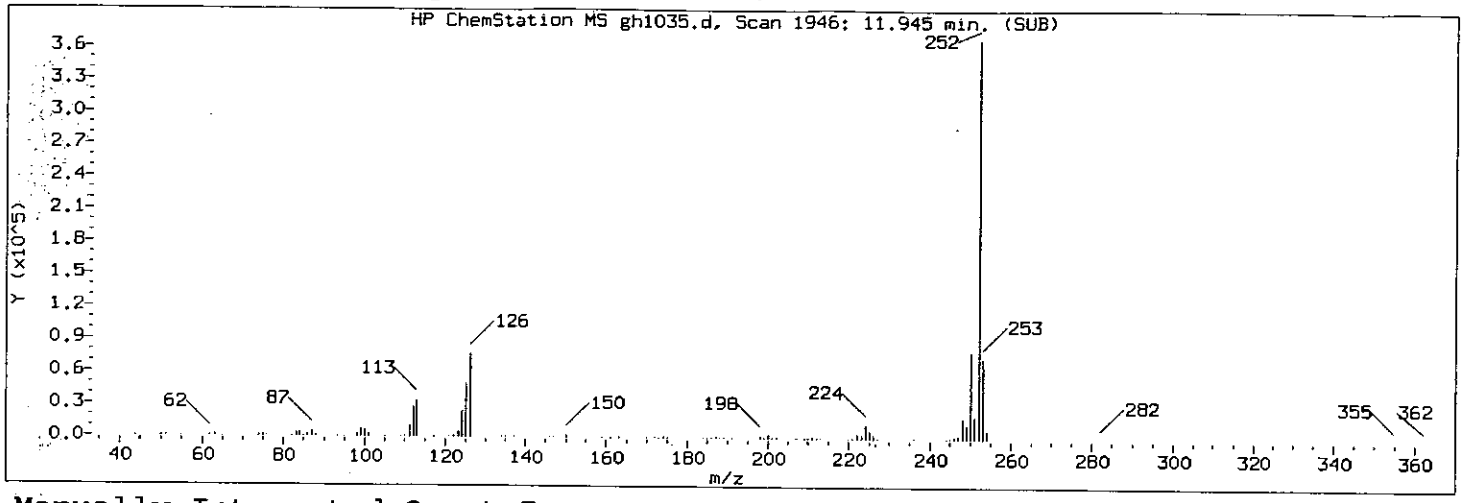
Compound Number	: 172
Compound Name	: Benzo(k)fluoranthene
Scan Number	: 1941
Retention Time (minutes)	: 11.918
Quant Ion	: 252
Area	: 1030649
Concentration (ng/ul)	: 23.7072
Integration start scan	: 1924 Integration stop scan: 1955
Y at integration start	: 0 Y at integration end: 239

GJD1970 8/29/07

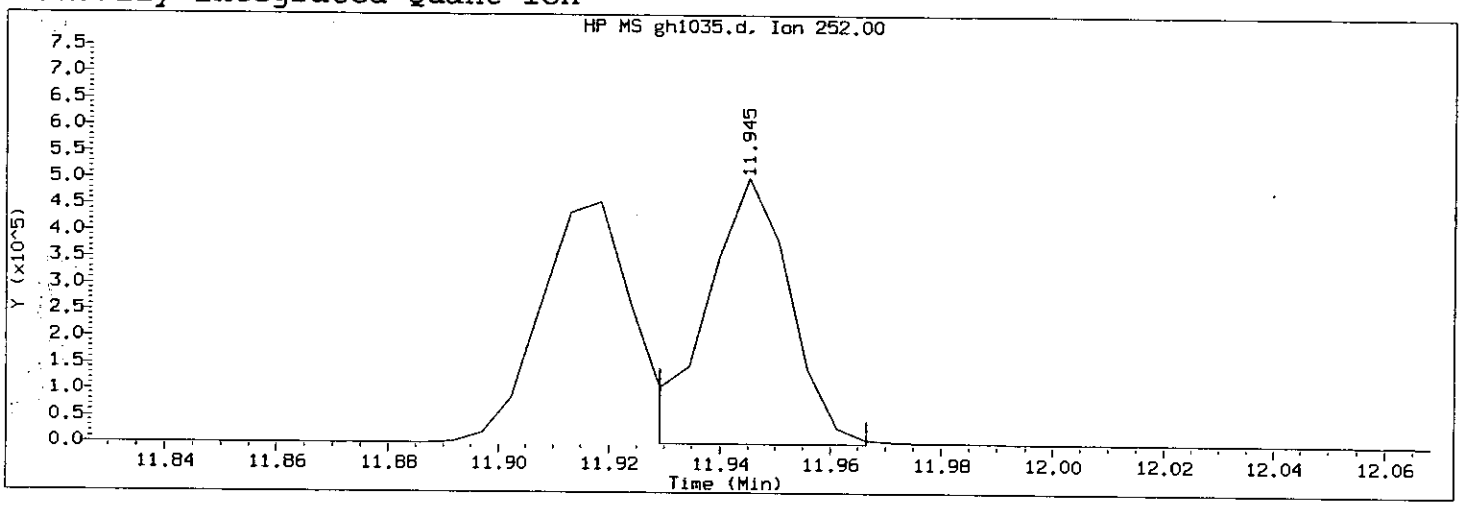
8655

Original Integration Report for data file /chem/HP11165.i/07aug29a.b/gh1035.d, generated on 08/29/2007 at 18:39

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP11165.i/07aug29a.b/gh1035.d Instrument ID: HP11165.i
Injection date and time: 29-AUG-2007 17:57 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07aug29a.b/minti.m Sublist used: all
Calibration date and time: 29-AUG-2007 18:39
Date, time and analyst ID of latest file update: 29-Aug-2007 18:39 gjd01970

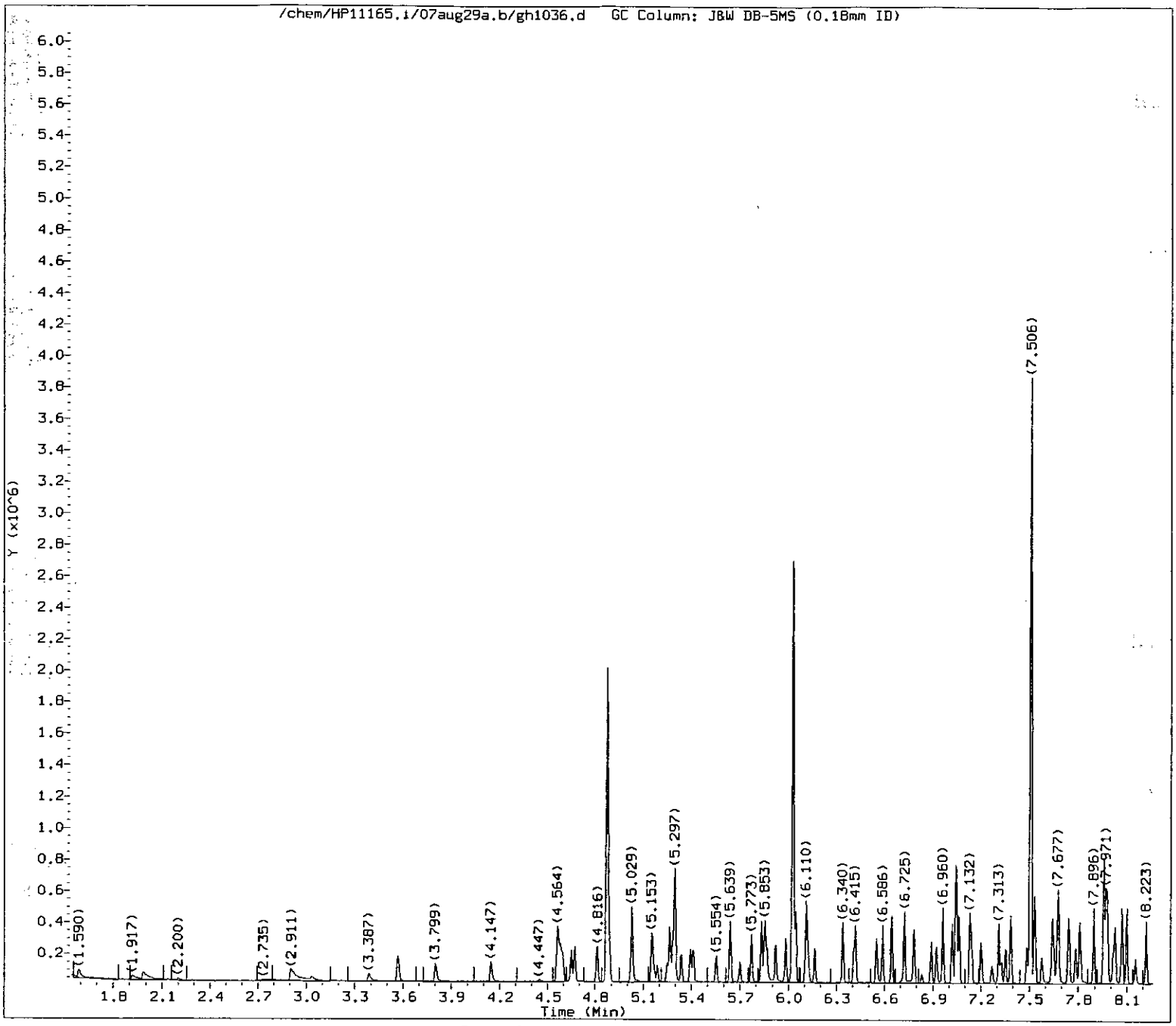
Sample Name: SSTD015 Lab Sample ID: STD2407

Compound Number : 172
Compound Name : Benzo(k)fluoranthene
Scan Number : 1946
Retention Time (minutes): 11.945
Quant Ion : 252
Area (flag) : 536510 M
Concentration (ng/ul) : 14.5453
Integration start scan : 1942 Integration stop scan: 1949
Y at integration start : 0 Y at integration end: 0

Reason for manual integration (circle one): missed peak improper integration

Analyst responsible for change: 1970 8/29/07

GC/MS audit/management approval: 8/30/07



Quant Report

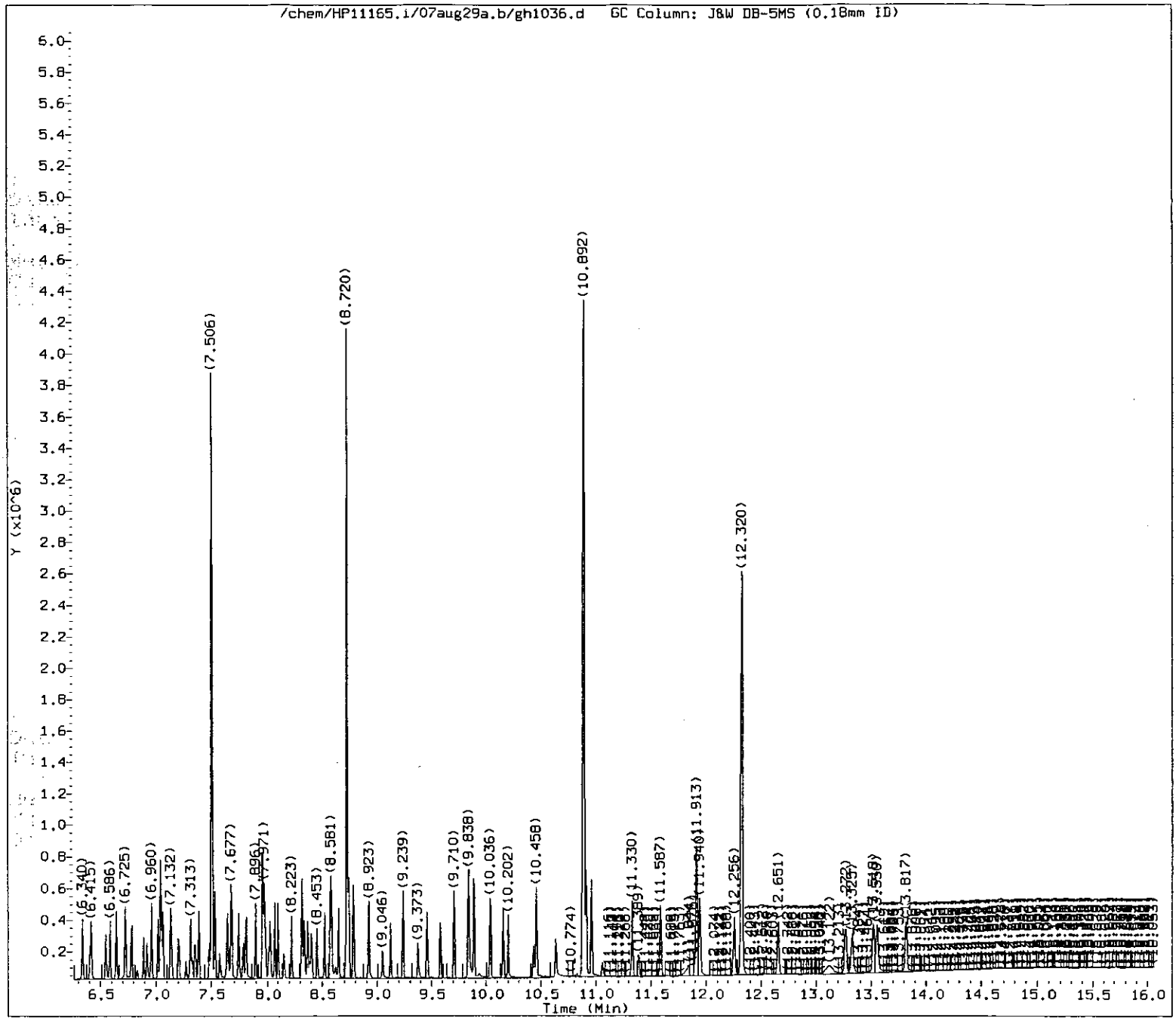
Target Revision 3.5

Data File: /chem/HP11165.i/07aug29a.b/gh1036.d Instrument ID: HP11165.i
Injection date and time: 29-AUG-2007 18:22 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07aug29a.b/minti.m Sublist used: all1
Calibration date and time: 29-AUG-2007 18:43
Date, time and analyst ID of latest file update: 29-Aug-2007 18:43 gjd01970

Sample Name: SSTD005 Lab Sample ID: STD2407

8657 GB 8/7/07



Quant Report

Target Revision 3.5

Data File: /chem/HP11165.i/07aug29a.b/gh1036.d Instrument ID: HP11165.i
Injection date and time: 29-AUG-2007 18:22 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07aug29a.b/minti.m Sublist used: all1
Calibration date and time: 29-AUG-2007 18:43
Date, time and analyst ID of latest file update: 29-Aug-2007 18:43 gjd01970

Sample Name: SSTD005 Lab Sample ID: STD2407

0658 (03/14)0
8/29/07

Quant Report

Target Revision 3.5

Data File: /chem/HP11165.i/07aug29a.b/gh1036.d Instrument ID: HP11165.i
Injection date and time: 29-AUG-2007 18:22 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07aug29a.b/minti.m Sublist used: all1
Calibration date and time: 29-AUG-2007 18:43
Date, time and analyst ID of latest file update: 29-Aug-2007 18:43 gjd01970

Sample Name: SSTD005 Lab Sample ID: STD2407

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
1) 1,4-Dioxane	(1)	1.590	88	24428	5.469
2) N-Nitrosodimethylamine	(1)	1.917	74	32447	4.620
3) Pyridine	(1)	1.986	79	63973MA	5.099
5) 2-Picoline	(1)	2.906	93	60725M	5.036
6) N-Nitrosomethylethylamine	(1)	3.040	88	31900	5.384
7) Methyl methanesulfonate	(1)	3.387	80	21471	4.773
10) N-Nitrosodiethylamine	(1)	3.799	102	26895	4.882
11) Ethyl methanesulfonate	(1)	4.147	109	26051	4.888
13) Aniline	(1)	4.559	93	95873	5.017
16) Phenol	(1)	4.580	94	75502	4.959
17) Pentachloroethane	(1)	4.596	167	16040	5.250
18) bis(2-Chloroethyl)ether	(1)	4.650	93	62330	5.180
19) 2-Chlorophenol	(1)	4.671	128	47843	5.034
20) 1,3-Dichlorobenzene	(1)	4.816	146	46019	5.090
21) 1,4-Dichlorobenzene-d4	(1)	4.874	152	237757	40.000
22) 1,4-Dichlorobenzene	(1)	4.890	146	48172	5.168
24) Benzyl alcohol	(1)	5.029	108	38942	5.022
25) 1,2-Dichlorobenzene	(1)	5.029	146	45527	5.213
26) 2-Methylphenol	(1)	5.153	108	51277	4.823
27) 2,2'-oxybis(1-Chloropropane)	(1)	5.163	45	60730	5.336
28) bis(2-Chloroisopropyl)ether	(1)	5.163	45	60730	5.336
29) N-Nitrosopyrrolidine	(1)	5.249	100	30123	4.900
30) Acetophenone	(1)	5.265	105	78305	5.169
31) N-Nitroso-di-n-propylamine	(1)	5.281	70	48635	5.512
32) N-Nitrosomorpholine	(1)	5.292	56	33371	5.368
33) 4-Methylphenol	(1)	5.297	108	60817	5.146
34) o-Toluidine	(1)	5.297	106	91222	5.251
37) Hexachloroethane	(1)	5.340	117	18948	5.164
39) Nitrobenzene	(2)	5.409	77	60751	5.101
40) N-Nitrosopiperidine	(2)	5.554	114	30046	5.247
41) Isophorone	(2)	5.639	82	130082	5.127
42) 2-Nitrophenol	(2)	5.703	139	19372	4.709
44) 2,4-Dimethylphenol	(2)	5.773	107	53811	5.023
45) O,O,O-triethylphosphorothioate	(2)	5.832	198	22773	5.280
46) bis(2-Chloroethoxy)methane	(2)	5.853	93	65723	5.283
47) Benzoic acid	(2)	5.869	105	98008	14.638
49) 2,4-Dichlorophenol	(2)	5.923	162	34981	4.894
50) 1,2,4-Trichlorobenzene	(2)	5.982	180	38957	5.417
52) Naphthalene-d8	(2)	6.030	136	1019301	40.000
53) Naphthalene	(2)	6.046	128	151309	5.235
55) 4-Chloroaniline	(2)	6.110	127	66143	5.573
56) 2,6-Dichlorophenol	(2)	6.115	162	36314	5.334
57) Hexachloropropene	(2)	6.126	213	21921	5.292

M = Compound was manually integrated. A = User selected an alternate hit

Quant Report

Target Revision 3.5

Data File: /chem/HP11165.i/07aug29a.b/gh1036.d Instrument ID: HP11165.i
Injection date and time: 29-AUG-2007 18:22 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07aug29a.b/minti.m Sublist used: all1
Calibration date and time: 29-AUG-2007 18:43
Date, time and analyst ID of latest file update: 29-Aug-2007 18:43 gjd01970

Sample Name: SSTD005 Lab Sample ID: STD2407

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
59) Hexachlorobutadiene	(2)	6.169	225	20701	5.365
62) Caprolactam	(2)	6.404	113	20570	4.984
63) N-Nitrosodi-n-butylamine	(2)	6.415	84	59912	5.828
67) 4-Chloro-3-methylphenol	(2)	6.549	107	48337	4.998
68) Safrole	(2)	6.586	162	36761	5.227
69) 2-Methylnaphthalene	(2)	6.645	142	96887	5.256
70) 1-Methylnaphthalene	(2)	6.725	142	94317	5.299
71) Hexachlorocyclopentadiene	(3)	6.779	237	6736	3.025
72) 1,2,4,5-Tetrachlorobenzene	(3)	6.784	216	40053	5.379
73) cis-Isosafrole	(3)	6.832	162	4126	0.575
74) 2,4,6-Trichlorophenol	(3)	6.891	196	24846	4.826
76) 2,4,5-Trichlorophenol	(3)	6.923	196	28545	4.747
78) trans-Isosafrole	(3)	7.019	162	43731	4.721
79) Isosafrole	(3)	7.019	162	43731	5.304
80) Biphenyl	(3)	7.041	154	127864	5.487
81) Diphenyl	(3)	7.041	154	127864	5.487
82) 1,1'-Biphenyl	(3)	7.041	154	127864	5.487
83) 2-Chloronaphthalene	(3)	7.046	162	112336M	5.627
87) Diphenyl ether	(3)	7.132	170	66798	5.202
88) 2-Nitroaniline	(3)	7.142	138	26137	4.531
89) 1,4-Naphthoquinone	(3)	7.201	158	33728	4.674
90) 1,4-Dinitrobenzene	(3)	7.271	168	9226	3.772
91) Dimethylphthalate	(3)	7.313	163	107446	5.279
92) 1,3-Dinitrobenzene	(3)	7.329	168	12686	4.017
93) 2,6-Dinitrotoluene	(3)	7.356	165	20086	4.602
94) Acenaphthylene	(3)	7.388	152	140791	5.071
96) 3-Nitroaniline	(3)	7.485	138	24625	4.654
97) Acenaphthene-d10	(3)	7.506	164	617228	40.000
98) Acenaphthene	(3)	7.533	153	95988	5.175
99) 2,4-Dinitrophenol	(3)	7.575	184	16570	10.659
100) Pentachlorobenzene	(3)	7.640	250	37374	5.116
102) 4-Nitrophenol	(3)	7.650	109	25873	8.407
103) Dibenzofuran	(3)	7.677	168	144670	5.294
104) 2,4-Dinitrotoluene	(3)	7.682	165	23461	4.355
105) 1-Naphthylamine	(3)	7.741	143	104625	5.238
106) 2,3,4,6-Tetrachlorophenol	(3)	7.784	232	20093	4.718
107) 2-Naphthylamine	(3)	7.811	143	107620	5.216
108) Diethylphthalate	(3)	7.896	149	115151	5.226
109) Thionazin	(3)	7.961	107	25769	5.509
110) Fluorene	(3)	7.955	166	117255	5.293
111) 4-Chlorophenyl-phenylether	(3)	7.971	204	56067	5.520
112) 5-Nitro-o-toluidine	(3)	7.977	152	27489	4.517
113) 4-Nitroaniline	(3)	7.982	138	26849	4.538

M = Compound was manually integrated. A = User selected an alternate hit

Quant Report

Target Revision 3.5

Data File: /chem/HP11165.i/07aug29a.b/gh1036.d Instrument ID: HP11165.i
Injection date and time: 29-AUG-2007 18:22 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07aug29a.b/minti.m Sublist used: all1
Calibration date and time: 29-AUG-2007 18:43
Date, time and analyst ID of latest file update: 29-Aug-2007 18:43 gjd01970

Sample Name: SSTD005 Lab Sample ID: STD2407

	Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
114)	4,6-Dinitro-2-methylphenol	(4)	8.014	198	18206	7.366
115)	1-Nitronaphthalene	(4)	8.025	173	20230	4.759
116)	N-Nitrosodiphenylamine	(4)	8.068	169	86041	5.149
117)	1,2-Diphenylhydrazine	(4)	8.100	77	149597	5.084
119)	Tetraethyldithiopyrophosphate	(4)	8.223	97	20970	5.247
120)	1,3,5-Trinitrobenzene	(4)	8.314	213	4504	3.127
121)	Diallate (peak 1)	(4)	8.314	86	52173	3.986
122)	Phorate	(4)	8.319	75	103354	4.834
123)	Phenacetin	(4)	8.335	108	62662	4.868
124)	4-Bromophenyl-phenylether	(4)	8.367	248	29707	5.011
125)	Diallate (peak 2)	(4)	8.383	86	17011	1.279
126)	Hexachlorobenzene	(4)	8.405	284	31171	5.066
127)	Dimethoate	(4)	8.453	87	54944	5.367
128)	Diallate TRANS/CIS	(4)	23.156	86	69184	5.264
130)	Pentachlorophenol	(4)	8.576	266	41615	13.326
131)	Pentachloronitrobenzene	(4)	8.581	237	10995	4.971
132)	4-Aminobiphenyl	(4)	8.581	169	100459	5.394
133)	Pronamide	(4)	8.645	173	46278	4.967
134)	Phenanthrene-d10	(4)	8.720	188	1239924	40.000
135)	Dinoseb	(4)	8.736	211	11180	3.299
136)	Phenanthrene	(4)	8.741	178	166727	5.316
137)	Anthracene	(4)	8.779	178	170993	5.200
139)	Carbazole	(4)	8.923	167	165185	5.095
140)	Methyl parathion	(4)	9.046	109	24301	4.137
141)	Di-n-butylphthalate	(4)	9.239	149	198005	5.053
142)	Parathion	(4)	9.373	109	15131	3.658
143)	4-Nitroquinoline-1-oxide	(4)	9.378	190	3143	2.242
144)	Methapyrilene	(4)	9.458	97	66018	6.266
145)	Isodrin	(4)	9.581	193	17342	5.248
146)	Fluoranthene	(4)	9.710	202	190607	5.069
151)	Benzidine	(5)	9.838	184	275037	12.911
153)	Pyrene	(5)	9.886	202	192431	4.829
157)	p-Dimethylaminoazobenzene	(5)	10.153	225	38887	4.699
158)	Chlorobenzilate	(5)	10.202	139	51123	4.667
159)	3,3'-Dimethylbenzidine	(5)	10.432	212	73428	4.093
160)	Butylbenzylphthalate	(5)	10.458	149	87846	4.866
161)	2-Acetylaminofluorene	(5)	10.635	181	51480	3.844
163)	3,3'-Dichlorobenzidine	(5)	10.876	252	58191	4.519
164)	4,4'-Methylenebis(2-Chloroanil	(5)	10.886	231	29624	4.804
165)	Benzo(a)anthracene	(5)	10.881	228	179880	5.021
166)	Chrysene-d12	(5)	10.892	240	1164349	40.000
167)	Chrysene	(5)	10.913	228	182234	5.117
168)	bis(2-Ethylhexyl)phthalate	(5)	10.961	149	122185	4.848

M = Compound was manually integrated. A = User selected an alternate hit

Quant Report

Target Revision 3.5

Data File: /chem/HP11165.i/07aug29a.b/gh1036.d Instrument ID: HP11165.i
Injection date and time: 29-AUG-2007 18:22 Analyst ID: gjd01970

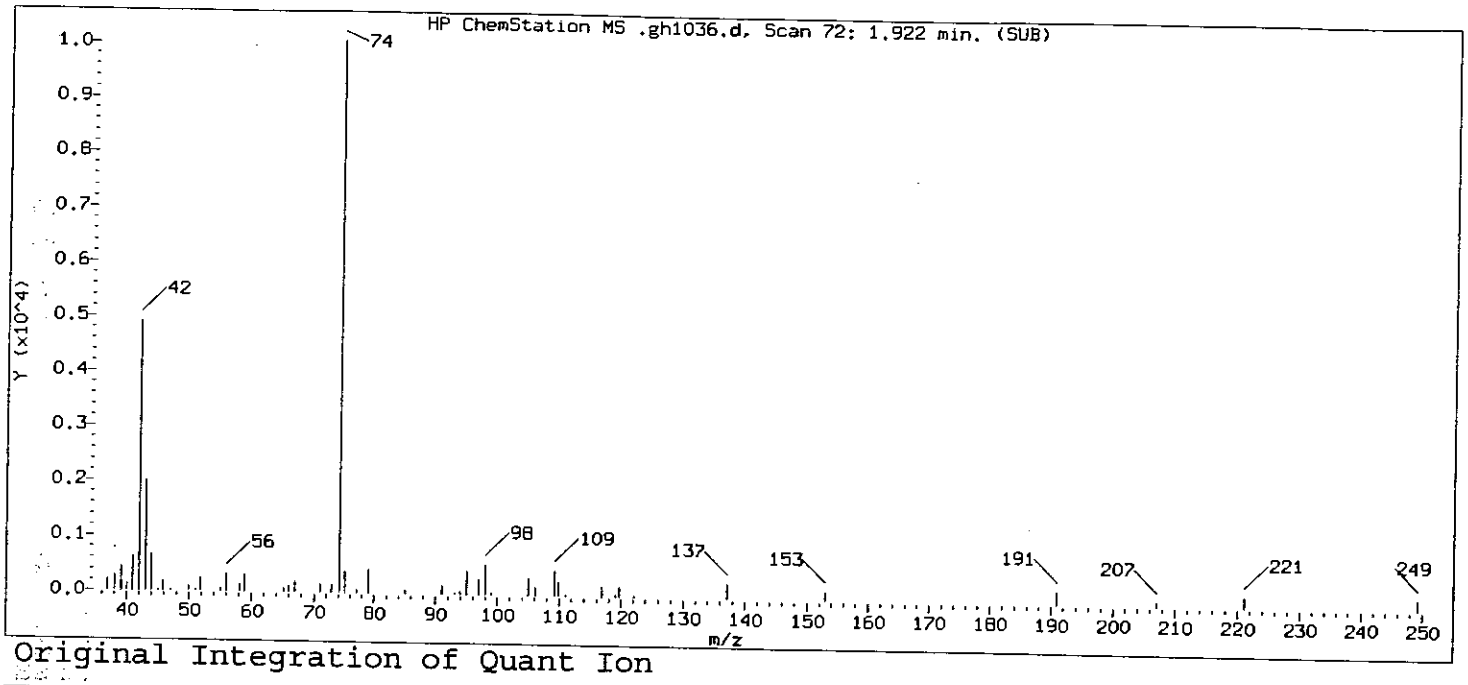
Method used: /chem/HP11165.i/07aug29a.b/minti.m Sublist used: all1
Calibration date and time: 29-AUG-2007 18:43
Date, time and analyst ID of latest file update: 29-Aug-2007 18:43 gjd01970

Sample Name: SSTD005 Lab Sample ID: STD2407

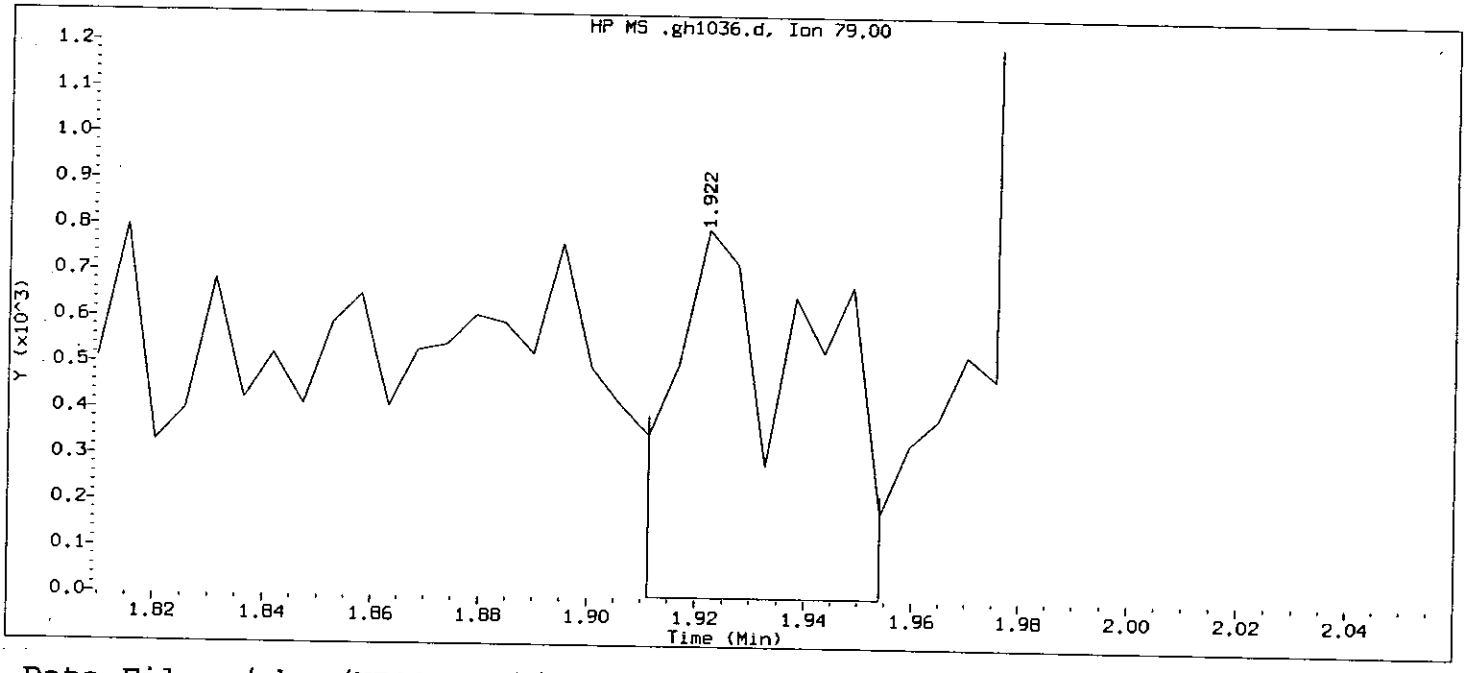
Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
188) 6-Methylchrysene	(5)	11.330	242	115865	4.770
169) Di-n-octylphthalate	(6)	11.587	149	193473	4.618
189) Dibenz(a,h)acridine	(6)	13.272	279	138067	4.745
190) Dibenz(a,j)acridine	(6)	13.325	279	131441	4.826
170) 7,12-Dimethylbenz[a]anthracene	(6)	11.908	256	83876	4.846
171) Benzo(b)fluoranthene	(6)	11.913	252	186665M	4.936
194) Ronnel	(4)	9.121	285	38091	5.308
172) Benzo(k)fluoranthene	(6)	11.940	252	194569M	5.231
173) Benzo(a)pyrene	(6)	12.256	252	161272	4.789
174) Perylene-d12	(6)	12.320	264	981666	40.000
175) 3-Methylcholanthrene	(6)	12.651	268	81960	4.698
176) Indeno(1,2,3-cd)pyrene	(6)	13.518	276	192838	4.893
177) Dibenz(a,h)anthracene	(6)	13.555	278	154093	4.837
178) Benzo(g,h,i)perylene	(6)	13.817	276	163096	4.906
84) 1-Chloronaphthalene	(3)	7.062	162	87683M	5.213
9) 2-Fluorophenol	(1)	3.569	112	49891	4.932
14) Phenol-d5	(1)	4.570	99	70417	4.936
15) Phenol-d6	(1)	4.570	99	70417	4.936
38) Nitrobenzene-d5	(2)	5.393	82	54177	4.837
77) 2-Fluorobiphenyl	(3)	6.960	172	105496	5.197
118) 2,4,6-Tribromophenol	(3)	8.153	330	12213	4.807
155) Terphenyl-d14	(5)	10.036	244	115477	4.842

M = Compound was manually integrated. A = User selected an alternate hit

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP11165.i/07aug29a.b/gh1036.d Instrument ID: HP11165.i
Injection date and time: 29-AUG-2007 18:22 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07aug29a.b/minti.m Sublist used: all1
Calibration date and time: 29-AUG-2007 18:39
Date, time and analyst ID of latest file update: 29-Aug-2007 18:39 Automation

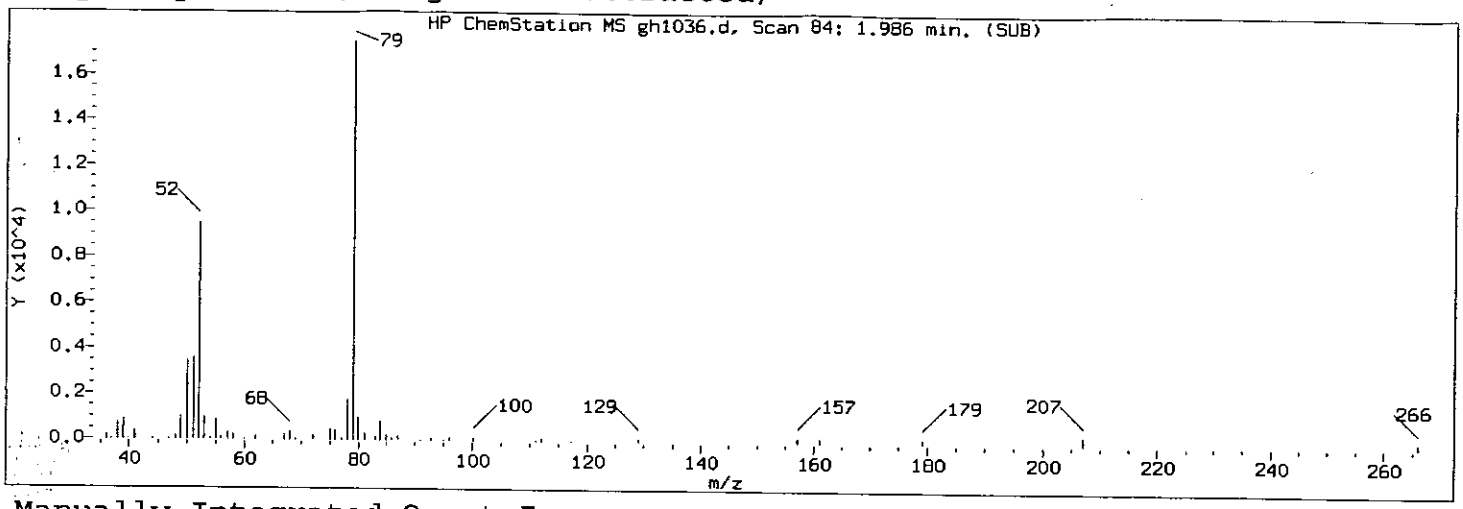
Sample Name: SSTD005 Lab Sample ID: STD2407

Compound Number	: 3
Compound Name	: Pyridine
Scan Number	: 72
Retention Time (minutes)	: 1.922
Quant Ion	: 79
Area	: 1430
Concentration (ng/ul)	: 0.1367
Integration start scan	: 69 Integration stop scan: 77
Y at integration start	: 0 Y at integration end: 0

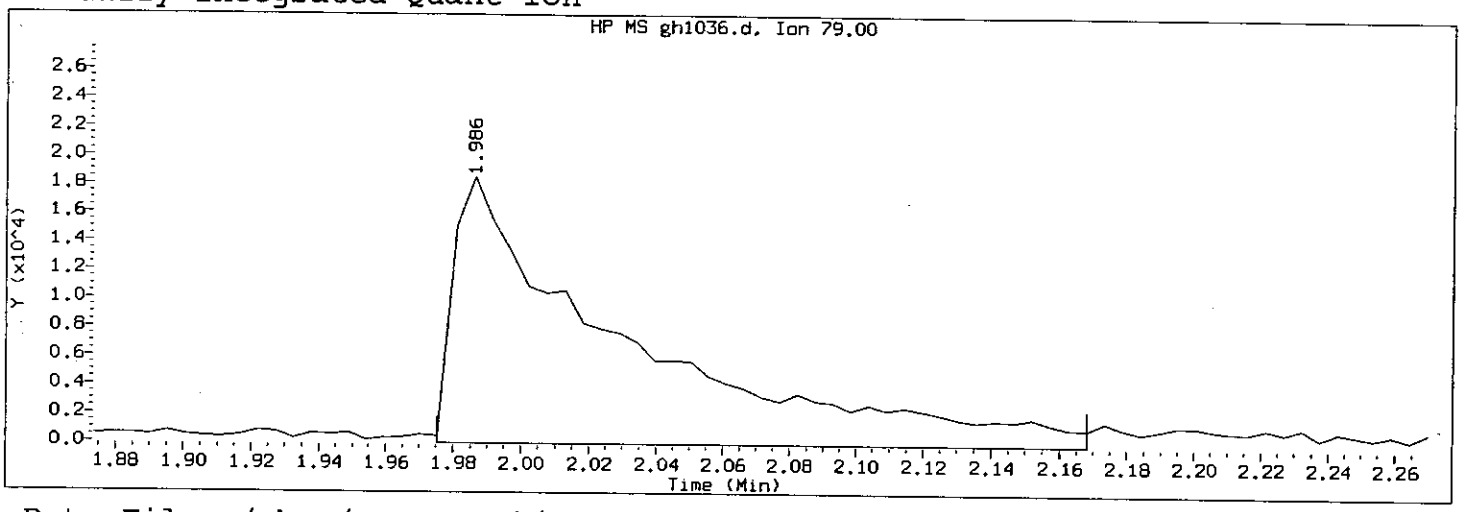
GB/1470 8663 8/29/07

Original Integration Report for data file /chem/HP11165.i/07aug29a.b/gh1036.d, generated on 08/29/2007 at 18:44

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP11165.i/07aug29a.b/gh1036.d Instrument ID: HP11165.i
Injection date and time: 29-AUG-2007 18:22 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07aug29a.b/minti.m Sublist used: all1
Calibration date and time: 29-AUG-2007 18:43
Date, time and analyst ID of latest file update: 29-Aug-2007 18:43 gjd01970

Sample Name: SSTD005 Lab Sample ID: STD2407

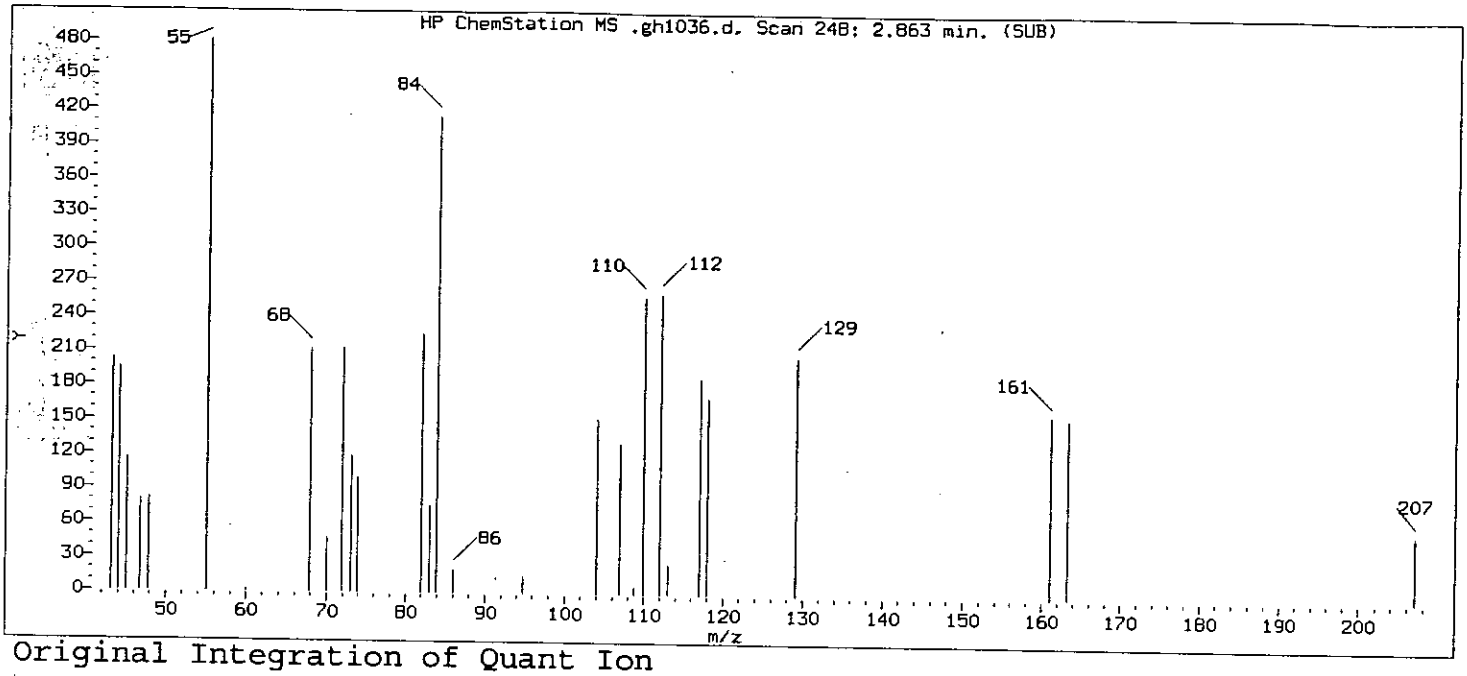
Compound Number	: 3
Compound Name	: Pyridine
Scan Number	: 84
Retention Time (minutes)	: 1.986
Quant Ion	: 79
Area (flag)	: 63973AM
Concentration (ng/ul)	: 5.0989
Integration start scan	: 81 Integration stop scan: 117
Y at integration start	: -28 Y at integration end: -28

Reason for manual integration (circle one): missed peak (improper integration)

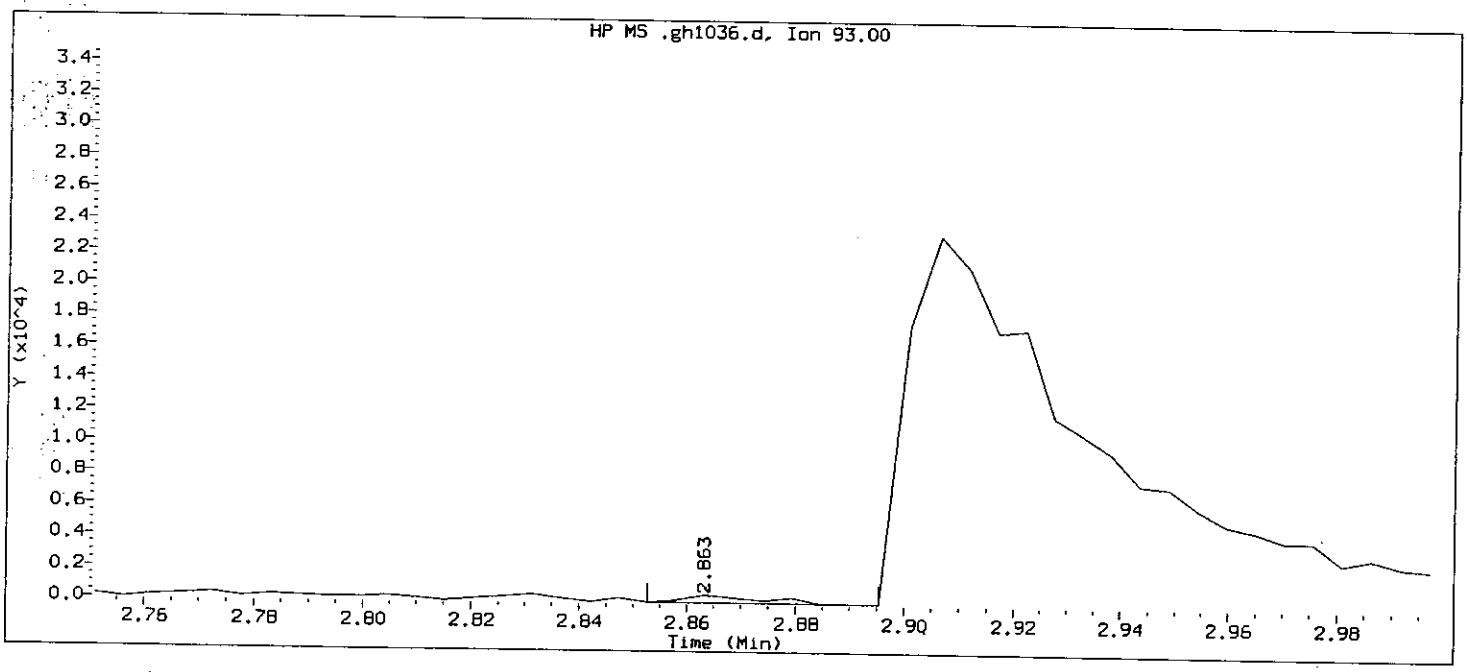
Analyst responsible for change: [signature] 1970 8/29/07

GC/MS audit/management approval: [signature] 8/30/07

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP11165.i/07aug29a.b/gh1036.d Instrument ID: HP11165.i
Injection date and time: 29-AUG-2007 18:22 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07aug29a.b/minti.m Sublist used: all
Calibration date and time: 29-AUG-2007 18:39
Date, time and analyst ID of latest file update: 29-Aug-2007 18:39 Automation

Sample Name: SSTD005 Lab Sample ID: STD2407

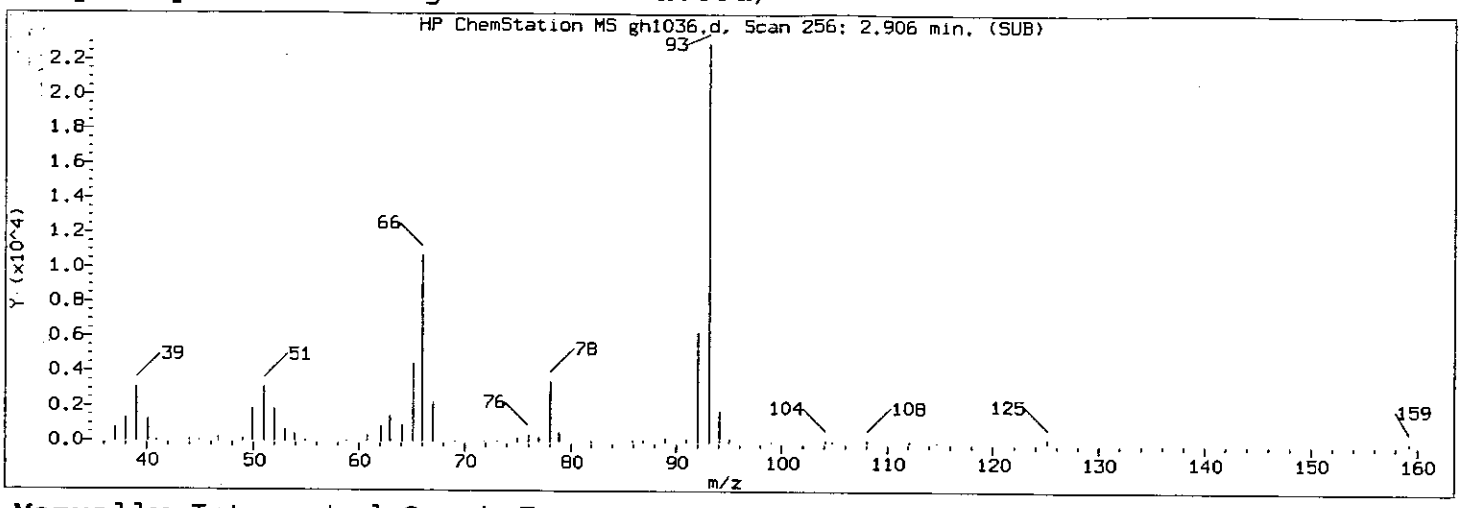
Compound Number	: 5
Compound Name	: 2-Picoline
Scan Number	: 248
Retention Time (minutes)	: 2.863
Quant Ion	: 93
Area	: 482
Concentration (ng/ul)	: 0.0480
Integration start scan	: 245 Integration stop scan: 253
Y at integration start	: 0 Y at integration end: 0

CB M70 8/29/07

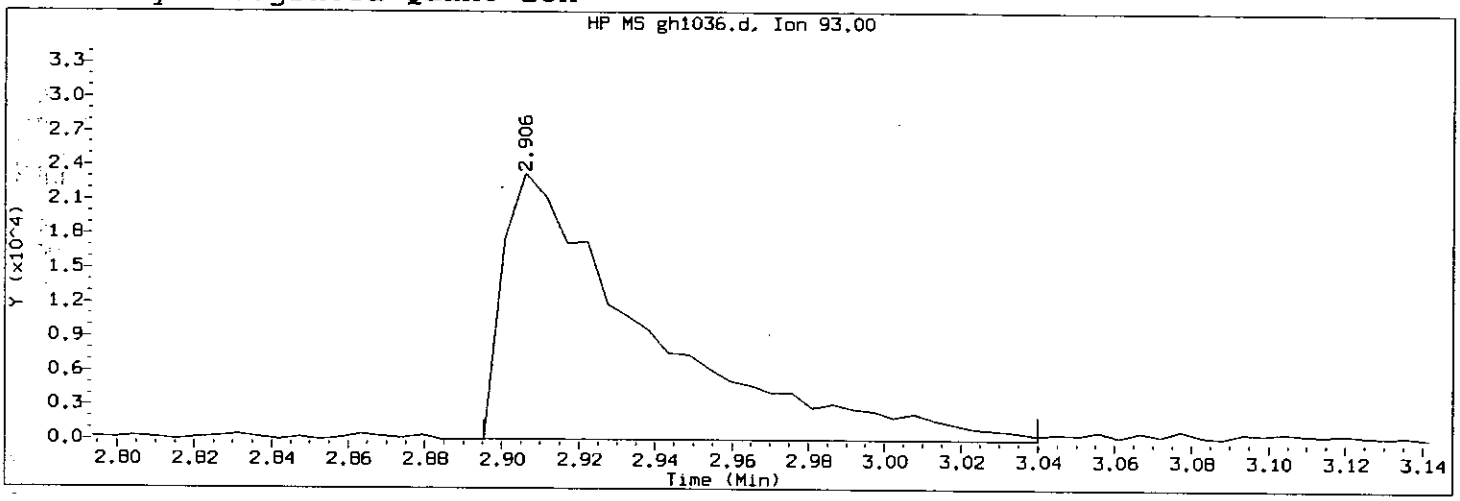
8665

Original Integration Report for data file /chem/HP11165.i/07aug29a.b/gh1036.d, generated on 08/29/2007 at 18:44

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP11165.i/07aug29a.b/gh1036.d Instrument ID: HP11165.i
Injection date and time: 29-AUG-2007 18:22 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07aug29a.b/minti.m Sublist used: all
Calibration date and time: 29-AUG-2007 18:43
Date, time and analyst ID of latest file update: 29-Aug-2007 18:43 gjd01970

Sample Name: SSTD005 Lab Sample ID: STD2407

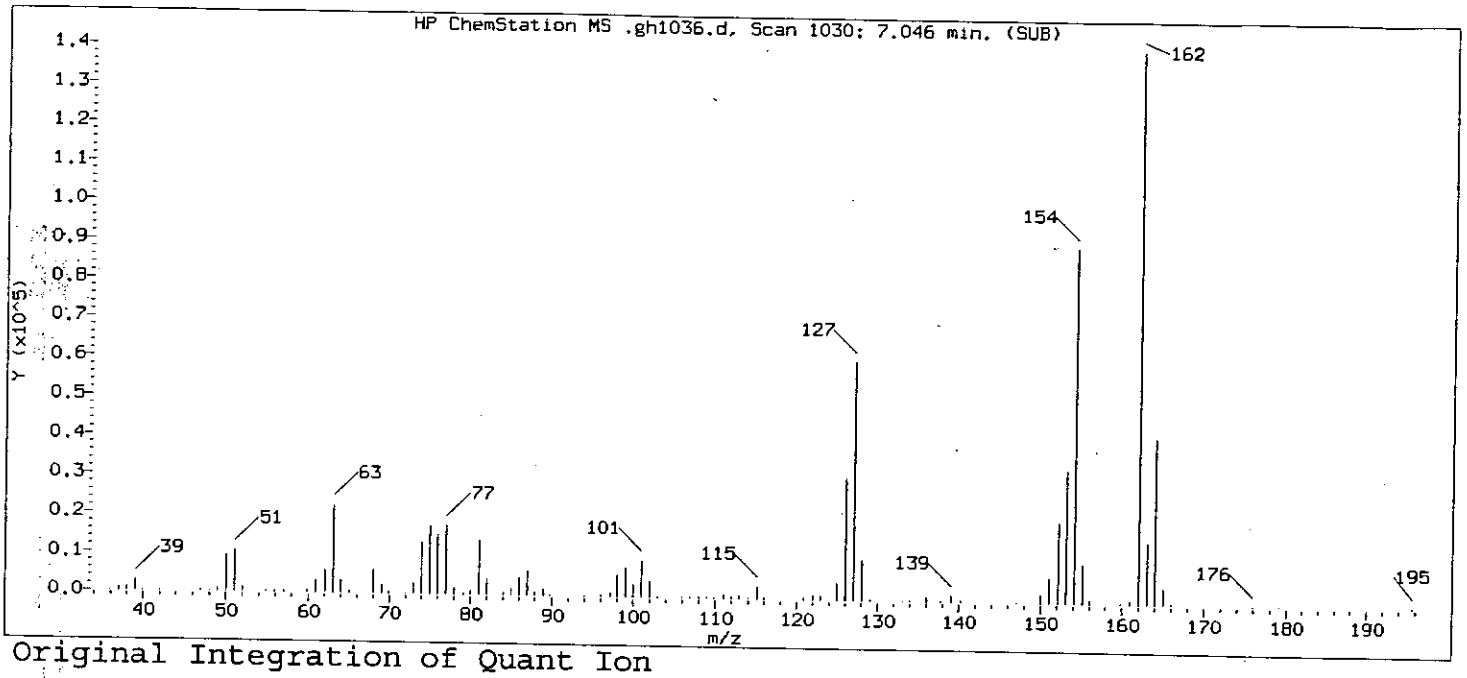
Compound Number : 5
Compound Name : 2-Picoline
Scan Number : 256
Retention Time (minutes): 2.906
Quant Ion : 93
Area (flag) : 60725 M
Concentration (ng/ul) : 5.0364
Integration start scan : 253 Integration stop scan: 280
Y at integration start : 71 Y at integration end: 71

Reason for manual integration (circle one): missed peak improper integration

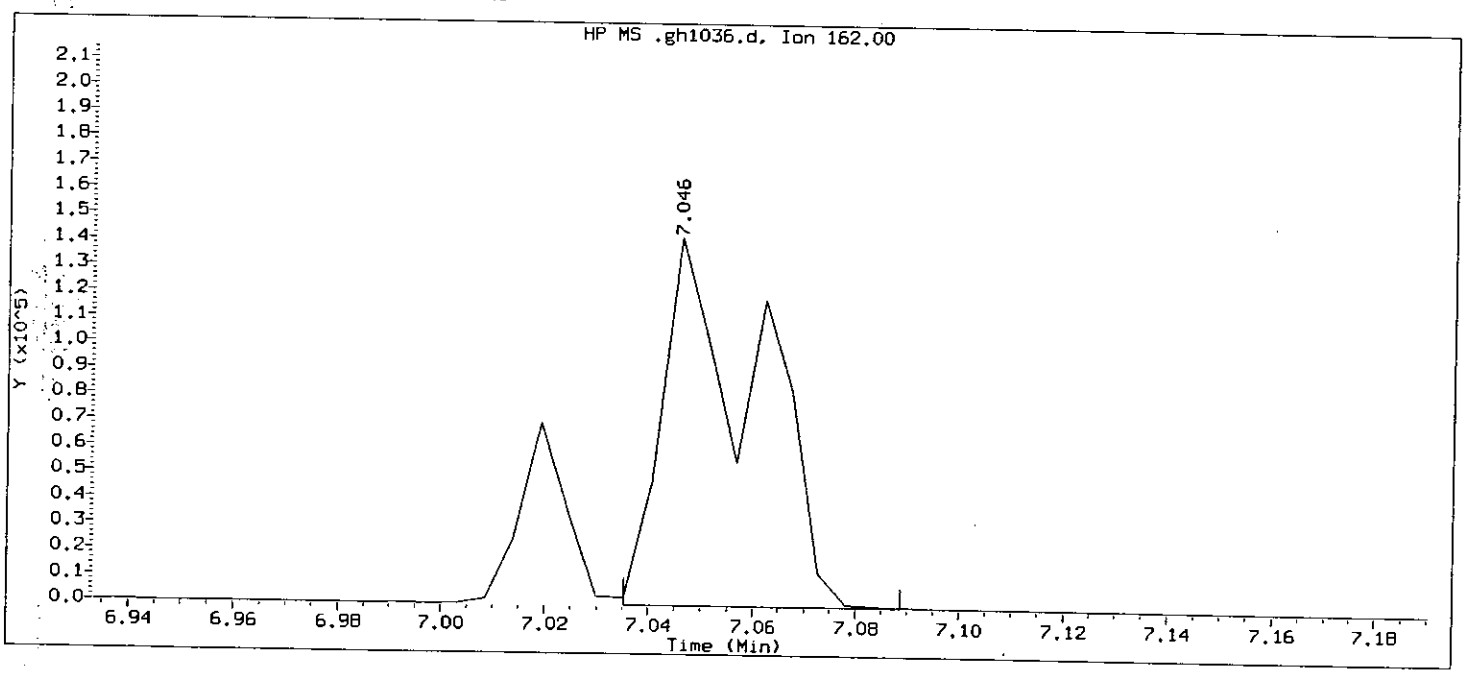
Analyst responsible for change: [signature] 1476 8/29/07

GC/MS audit/management approval: mm 283 8/30/07 0666

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP11165.i/07aug29a.b/gh1036.d Instrument ID: HP11165.i
Injection date and time: 29-AUG-2007 18:22 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07aug29a.b/minti.m Sublist used: all1
Calibration date and time: 29-AUG-2007 18:39
Date, time and analyst ID of latest file update: 29-Aug-2007 18:39 Automation

Sample Name: SSTD005 Lab Sample ID: STD2407

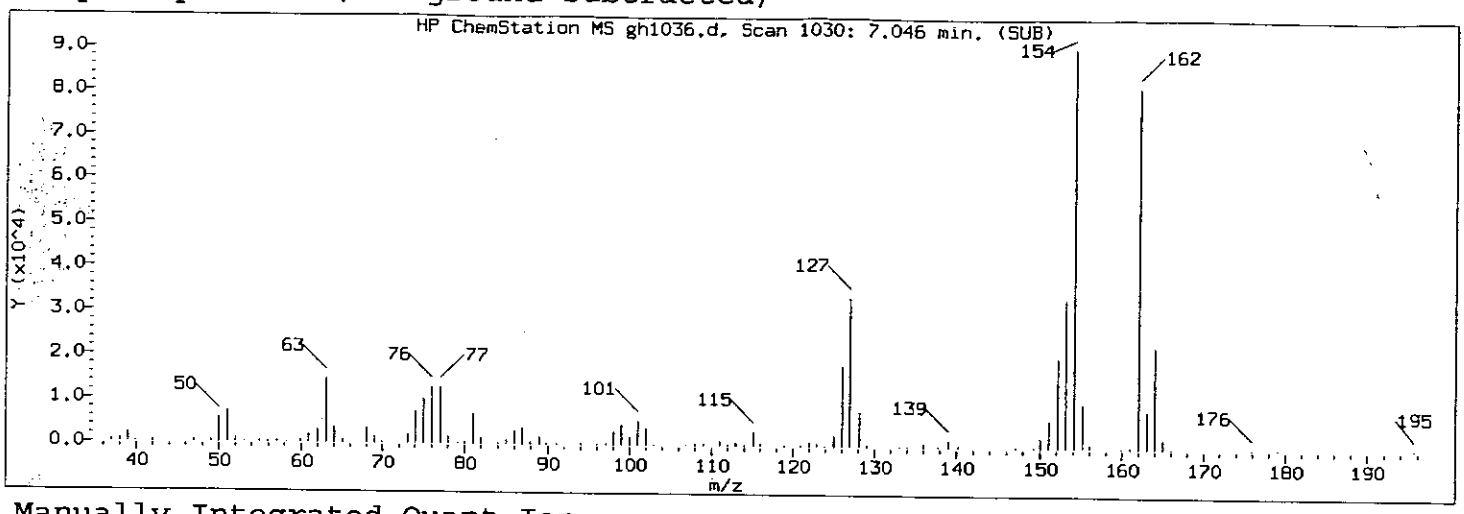
Compound Number	: 83
Compound Name	: 2-Chloronaphthalene
Scan Number	: 1030
Retention Time (minutes)	: 7.046
Quant Ion	: 162
Area	: 181622
Concentration (ng/ul)	: 8.1548
Integration start scan	: 1027 Integration stop scan: 1037
Y at integration start	: 31 Y at integration end: 29

GB 8/29/07

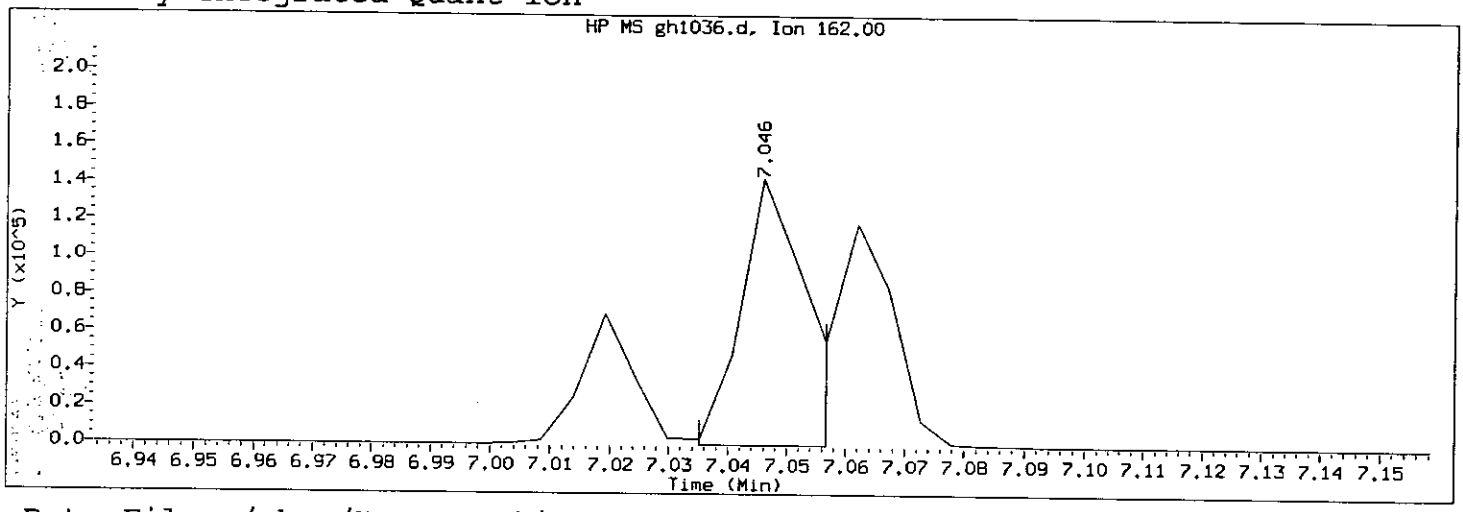
8667

Original Integration Report for data file /chem/HP11165.i/07aug29a.b/gh1036.d, generated on 08/29/2007 at 18:44

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP11165.i/07aug29a.b/gh1036.d Instrument ID: HP11165.i
Injection date and time: 29-AUG-2007 18:22 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07aug29a.b/minti.m Sublist used: all1
Calibration date and time: 29-AUG-2007 18:43
Date, time and analyst ID of latest file update: 29-Aug-2007 18:43 gjd01970

Sample Name: SSTD005 Lab Sample ID: STD2407

Compound Number	:	83
Compound Name	:	2-Chloronaphthalene
Scan Number	:	1030
Retention Time (minutes)	:	7.046
Quant Ion	:	162
Area (flag)	:	112336 M
Concentration (ng/ul)	:	5.6274
Integration start scan	:	1027 Integration stop scan: 1031
Y at integration start	:	31 Y at integration end: 31

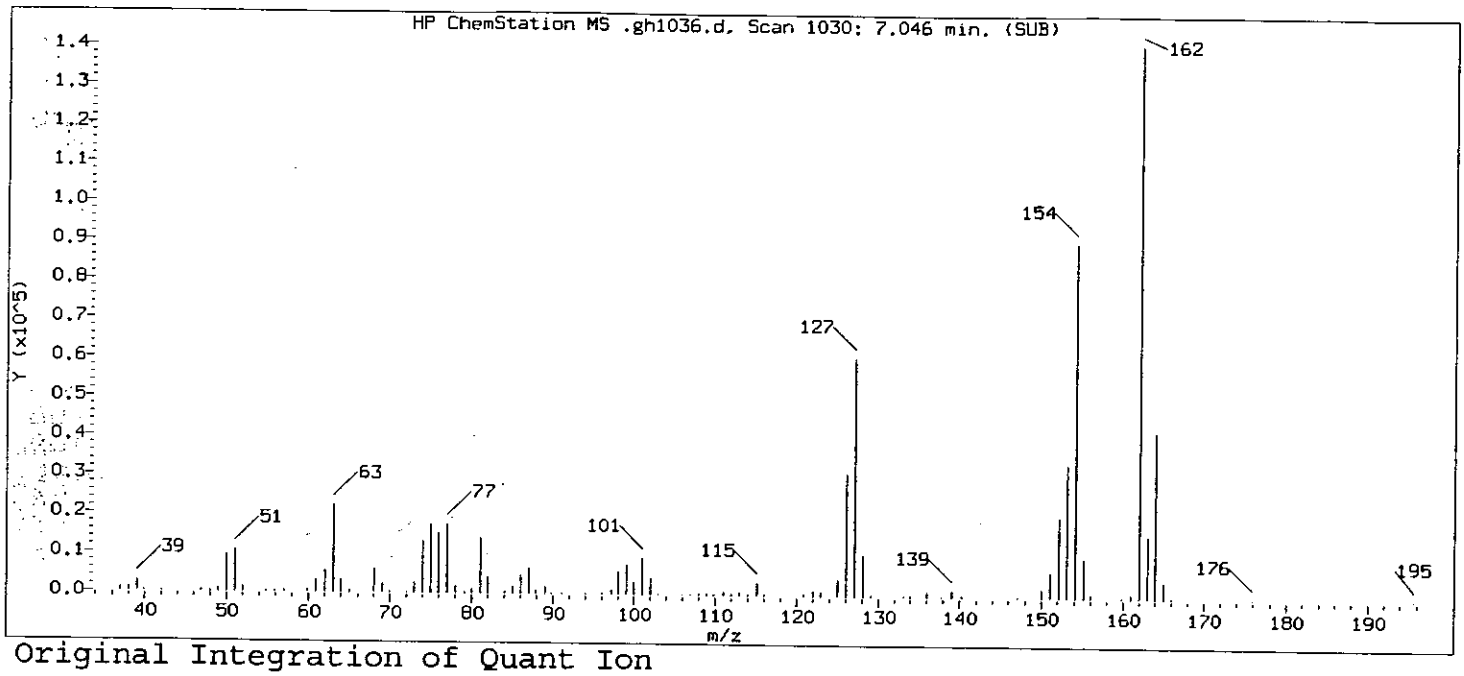
Reason for manual integration (circle one): missed peak (improper integration)

Analyst responsible for change: [signature] 1970 8/29/07

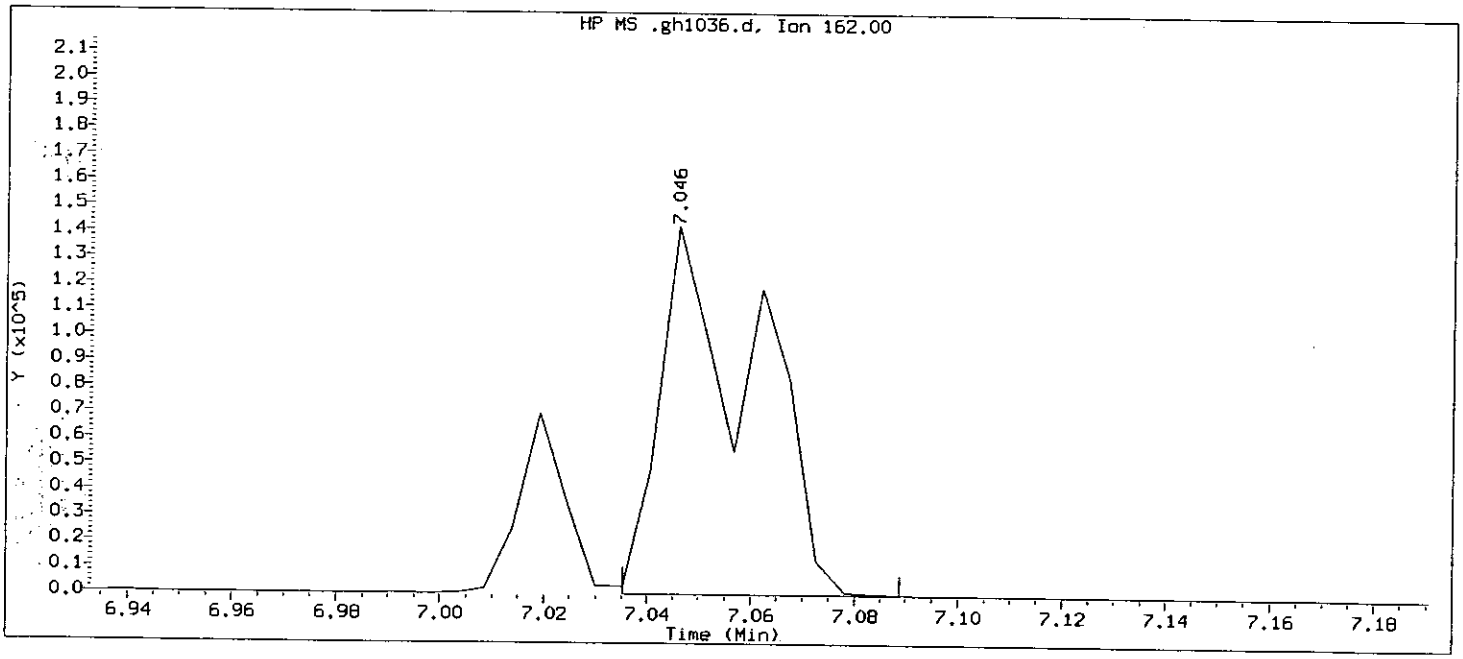
GC/MS audit/management approval: [signature] 8648 8/30/07

Manual Integration Report for data file /chem/HP11165.i/07aug29a.b/gh1036.d, generated on 08/29/2007 at 18:43

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP11165.i/07aug29a.b/gh1036.d Instrument ID: HP11165.i
Injection date and time: 29-AUG-2007 18:22 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07aug29a.b/minti.m Sublist used: all1
Calibration date and time: 29-AUG-2007 18:39
Date, time and analyst ID of latest file update: 29-Aug-2007 18:39 Automation

Sample Name: SSTD005 Lab Sample ID: STD2407

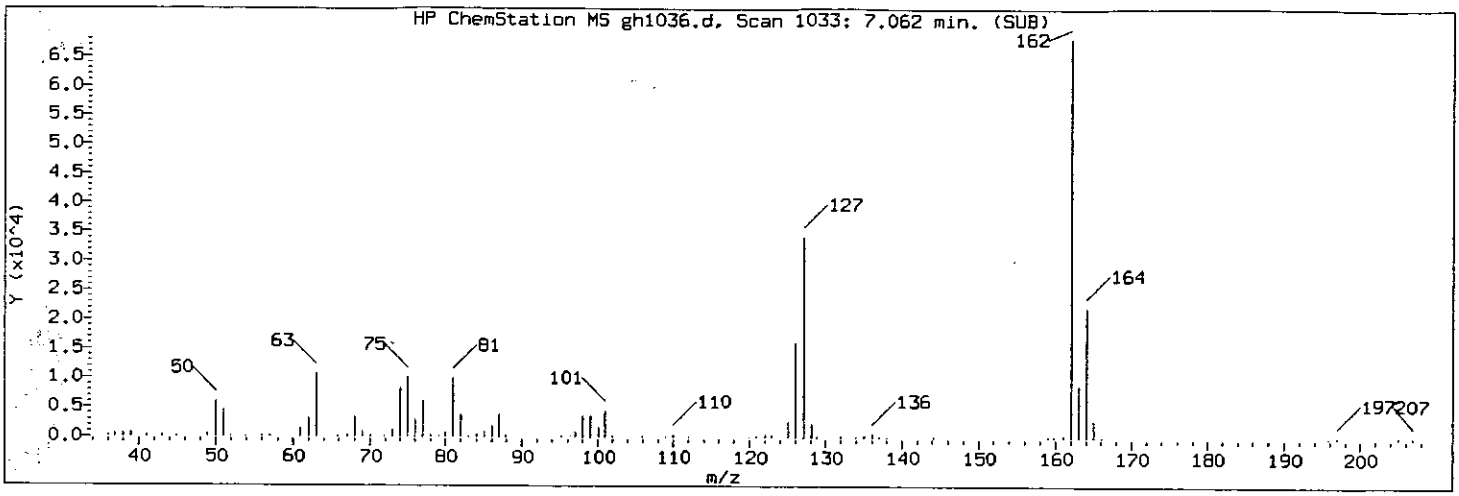
Compound Number	: 84
Compound Name	: 1-Chloronaphthalene
Scan Number	: 1030
Retention Time (minutes)	: 7.046
Quant Ion	: 162
Area	: 181568
Concentration (ng/ul)	: 9.1009
Integration start scan	: 1027 Integration stop scan: 1037
Y at integration start	: 47 Y at integration end: 46

GJ/TC 8/29/07

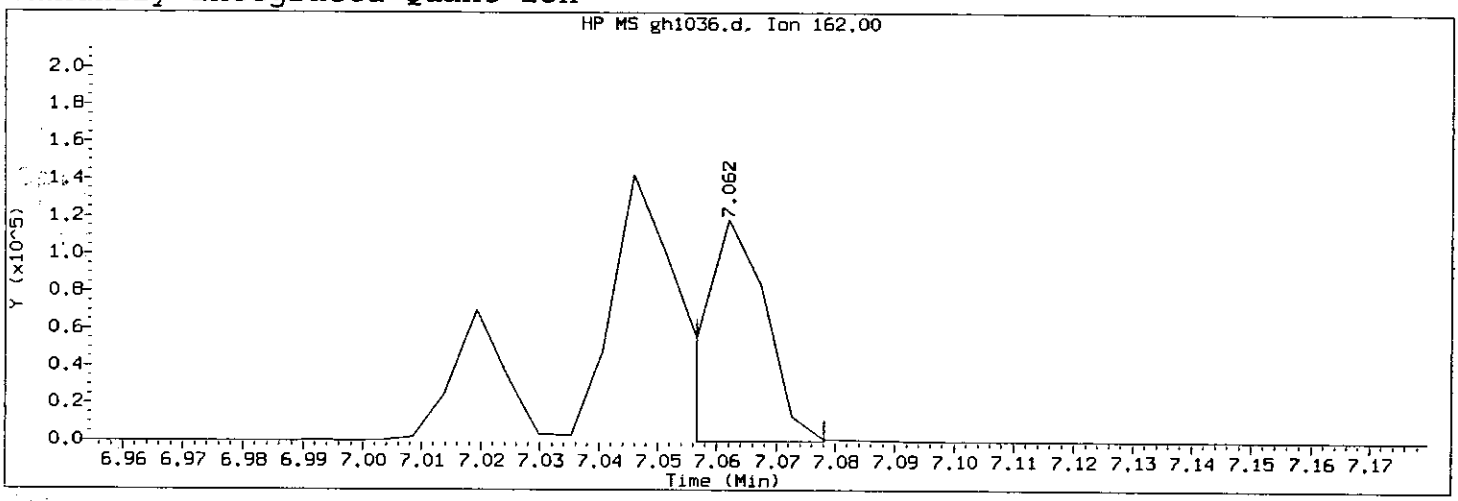
6665

Original Integration Report for data file /chem/HP11165.i/07aug29a.b/gh1036.d, generated on 08/29/2007 at 18:44

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP11165.i/07aug29a.b/gh1036.d Instrument ID: HP11165.i
Injection date and time: 29-AUG-2007 18:22 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07aug29a.b/minti.m Sublist used: all1
Calibration date and time: 29-AUG-2007 18:43
Date, time and analyst ID of latest file update: 29-Aug-2007 18:43 gjd01970

Sample Name: SSTD005 Lab Sample ID: STD2407

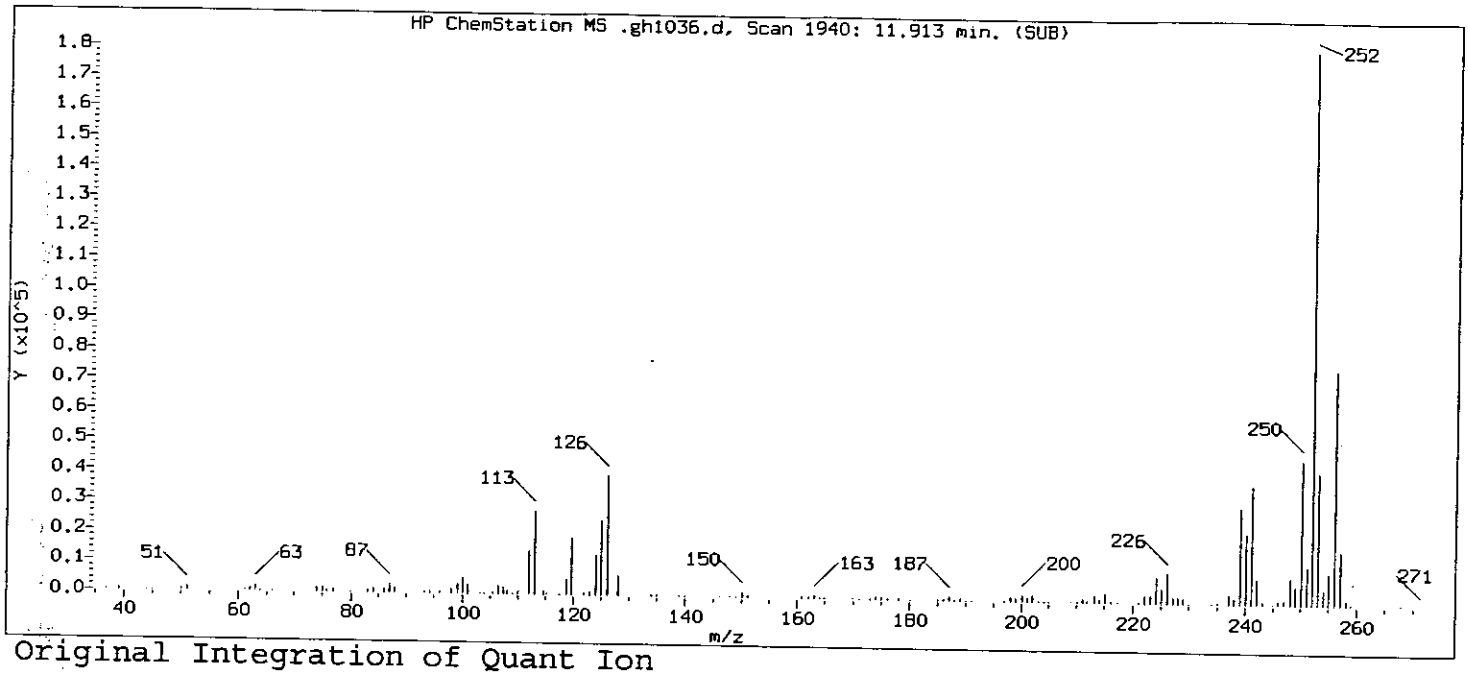
Compound Number	:	84
Compound Name	:	1-Chloronaphthalene
Scan Number	:	1033
Retention Time (minutes)	:	7.062
Quant Ion	:	162
Area (flag)	:	87683 M
Concentration (ng/ul)	:	5.2127
Integration start scan	:	1031 Integration stop scan: 1035
Y at integration start	:	-146 Y at integration end: -146

Reason for manual integration (circle one): missed peak (improper integration)

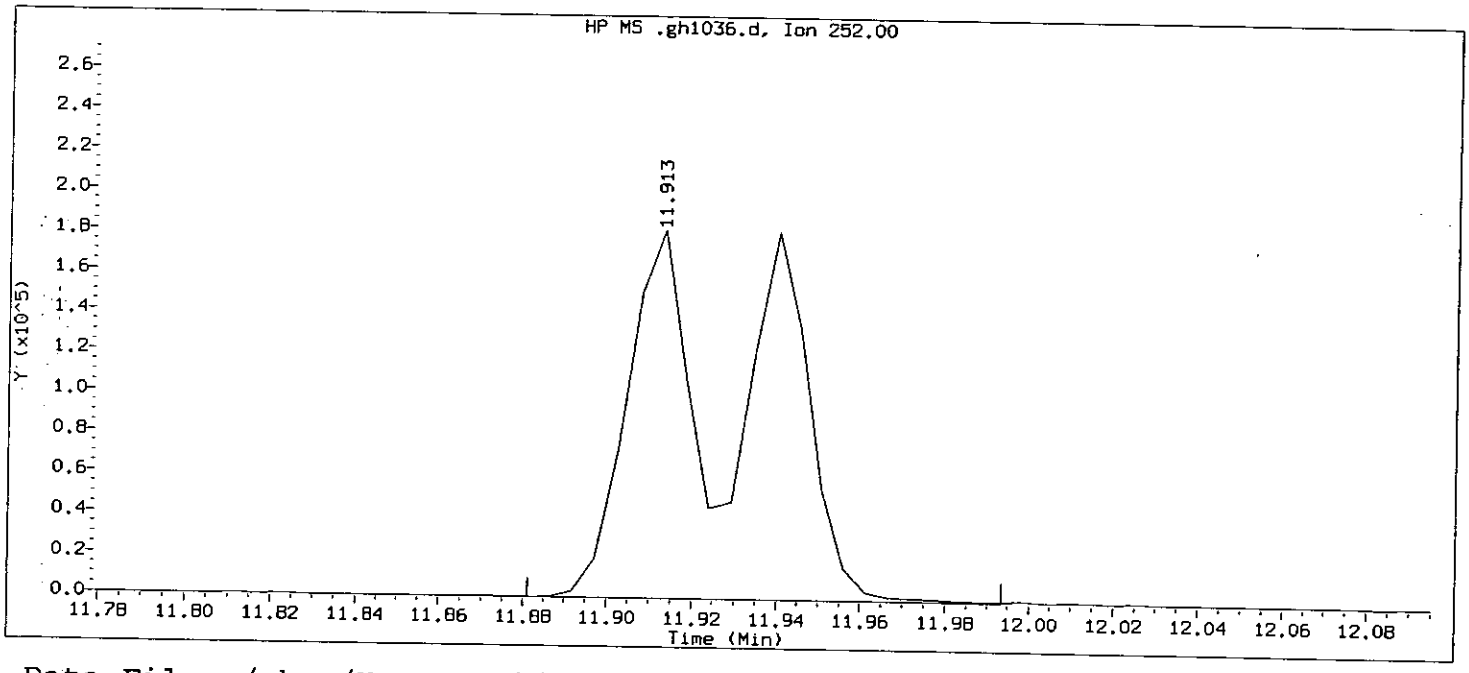
Analyst responsible for change: gjd 970 8/29/07

GC/MS audit/management approval: 8670 8/30/07

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP11165.i/07aug29a.b/gh1036.d
Injection date and time: 29-AUG-2007 18:22

Instrument ID: HP11165.i
Analyst ID: gjd01970

Method used: /chem/HP11165.i/07aug29a.b/minti.m
Calibration date and time: 29-AUG-2007 18:39

Sublist used: all1

Date, time and analyst ID of latest file update: 29-Aug-2007 18:39 Automation

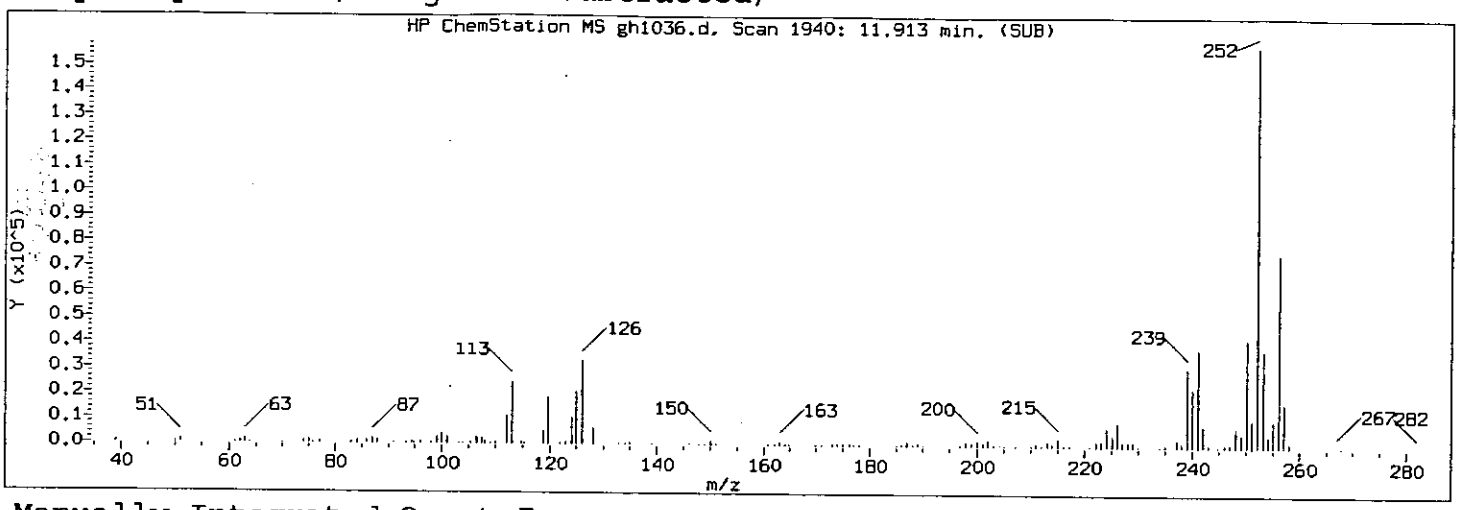
Sample Name: SSTD005

Lab Sample ID: STD2407

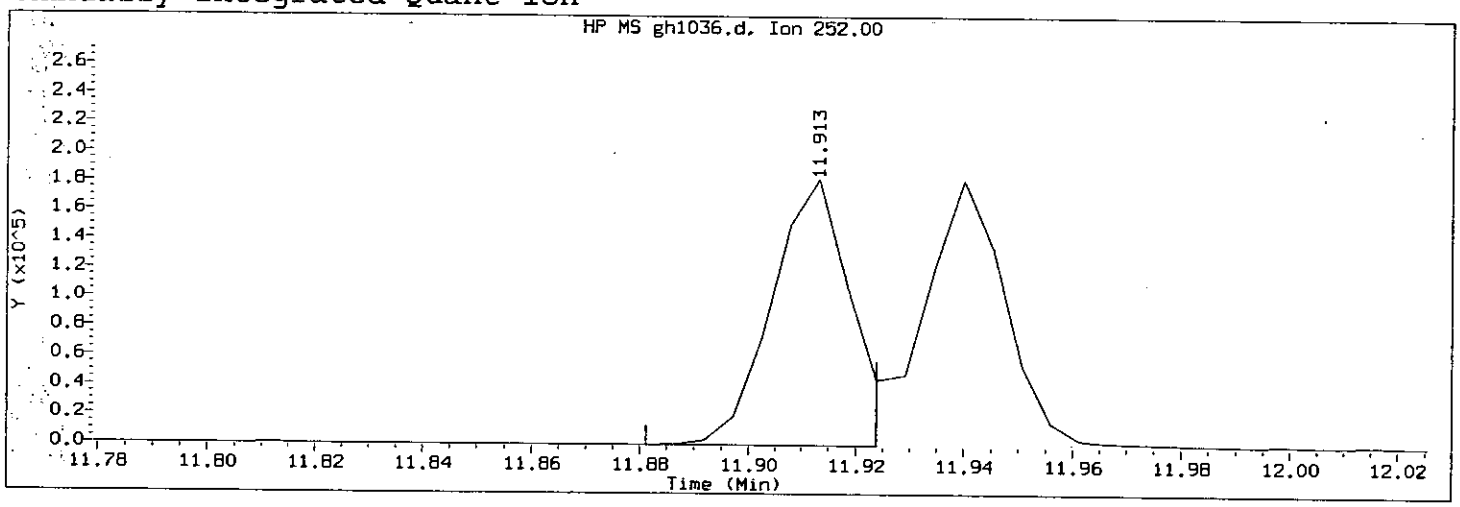
Compound Number	: 171
Compound Name	: Benzo(b)fluoranthene
Scan Number	: 1940
Retention Time (minutes)	: 11.913
Quant Ion	: 252
Area	: 368752
Concentration (ng/ul)	: 8.4023
Integration start scan	: 1933 Integration stop scan: 1954
Y at integration start	: 0 Y at integration end: 80

Original Integration Report for data file /chem/HP11165.i/07aug29a.b/gh1036.d, generated on 08/29/2007 at 18:44

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP11165.i/07aug29a.b/gh1036.d Instrument ID: HP11165.i
Injection date and time: 29-AUG-2007 18:22 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07aug29a.b/minti.m Sublist used: all
Calibration date and time: 29-AUG-2007 18:43
Date, time and analyst ID of latest file update: 29-Aug-2007 18:43 gjd01970

Sample Name: SSTD005 Lab Sample ID: STD2407

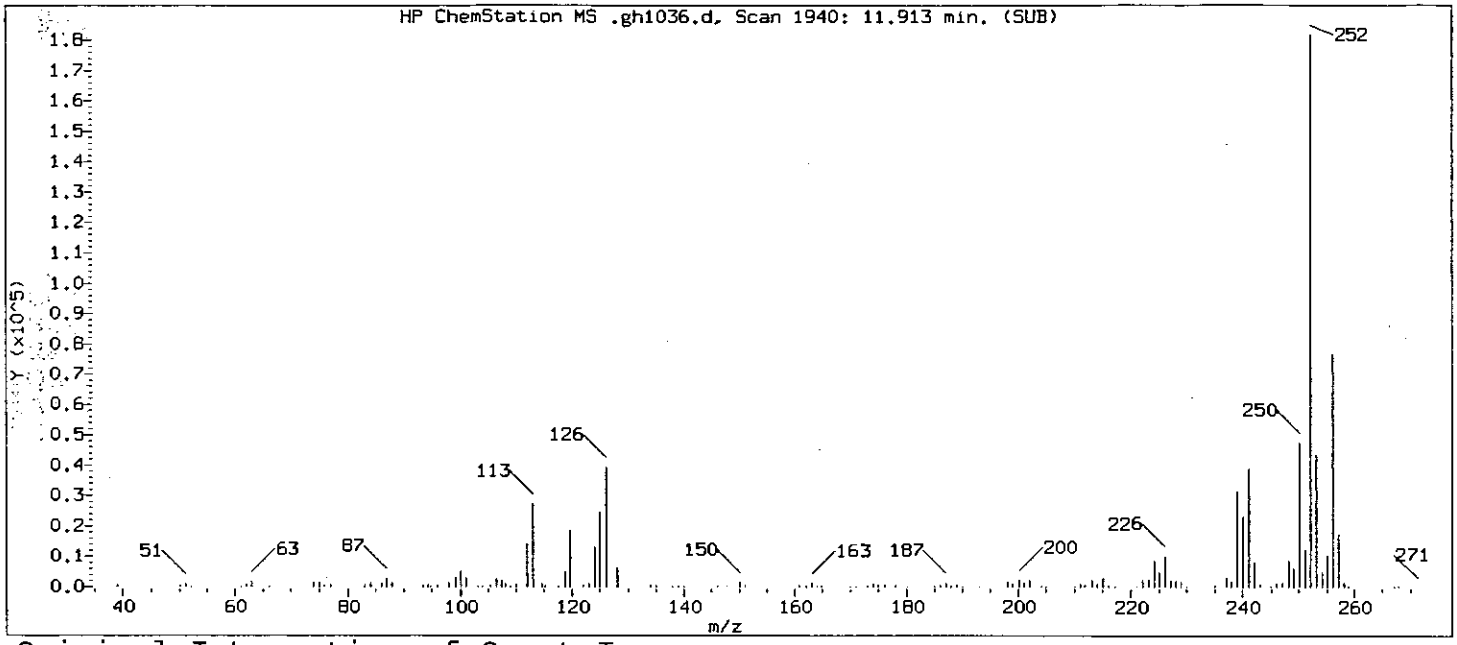
Compound Number	:	171
Compound Name	:	Benzo(b)fluoranthene
Scan Number	:	1940
Retention Time (minutes)	:	11.913
Quant Ion	:	252
Area (flag)	:	186665 M
Concentration (ng/ul)	:	4.9360
Integration start scan	:	1933 Integration stop scan: 1941
Y at integration start	:	0 Y at integration end: 30

Reason for manual integration (circle one): missed peak (improper integration)

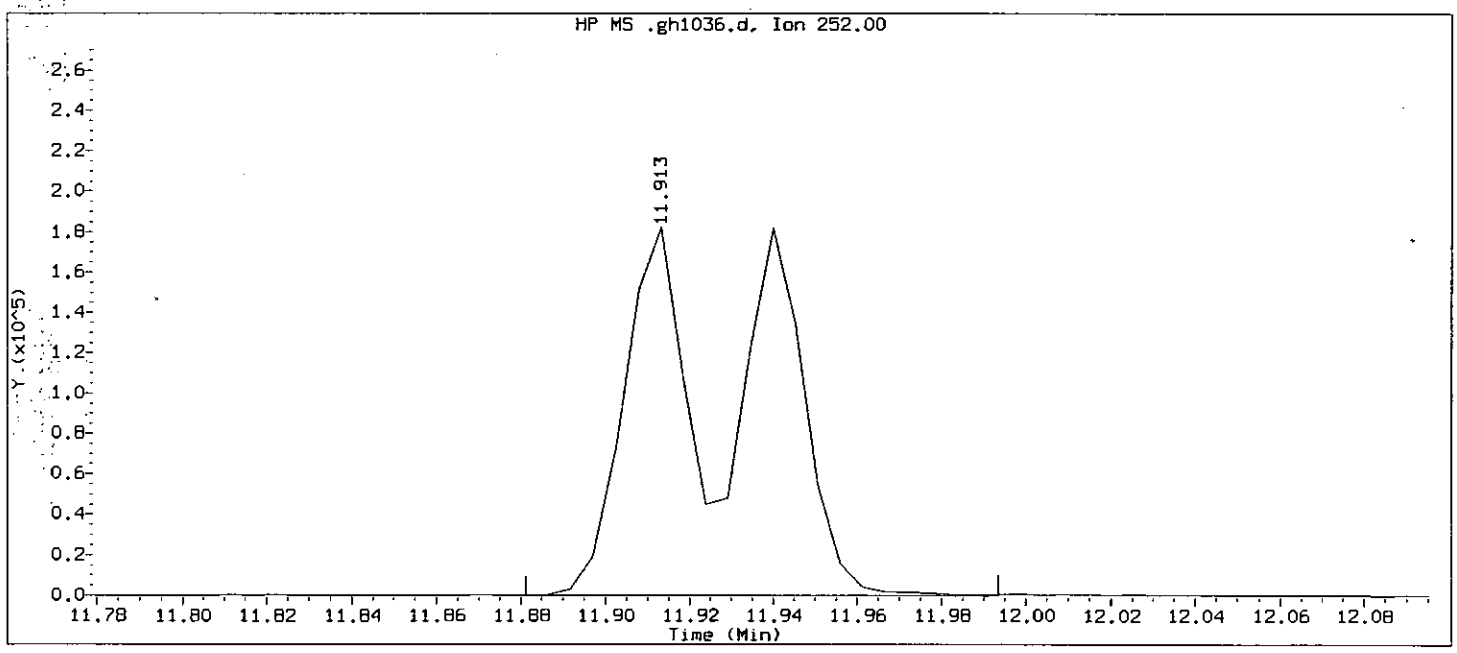
Analyst responsible for change: [signature] 1976 8/29/07

GC/MS audit/management approval: [signature] 8672 8/30/07

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP11165.i/07aug29a.b/gh1036.d Instrument ID: HP11165.i
Injection date and time: 29-AUG-2007 18:22 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07aug29a.b/minti.m Sublist used: all1
Calibration date and time: 29-AUG-2007 18:39
Date, time and analyst ID of latest file update: 29-Aug-2007 18:39 Automation

Sample Name: SSTD005 Lab Sample ID: STD2407

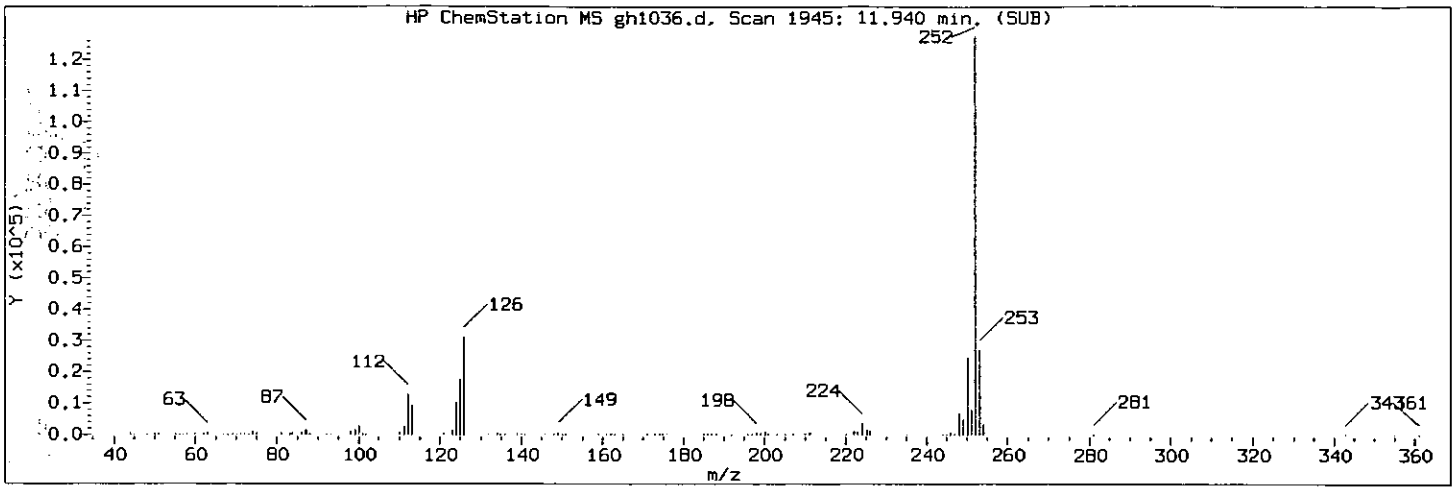
Compound Number	: 172
Compound Name	: Benzo(k)fluoranthene
Scan Number	: 1940
Retention Time (minutes)	: 11.913
Quant Ion	: 252
Area	: 368754
Concentration (ng/ul)	: 8.5750
Integration start scan	: 1933 Integration stop scan: 1954
Y at integration start	: 0 Y at integration end: 80

GJD 8/29/07

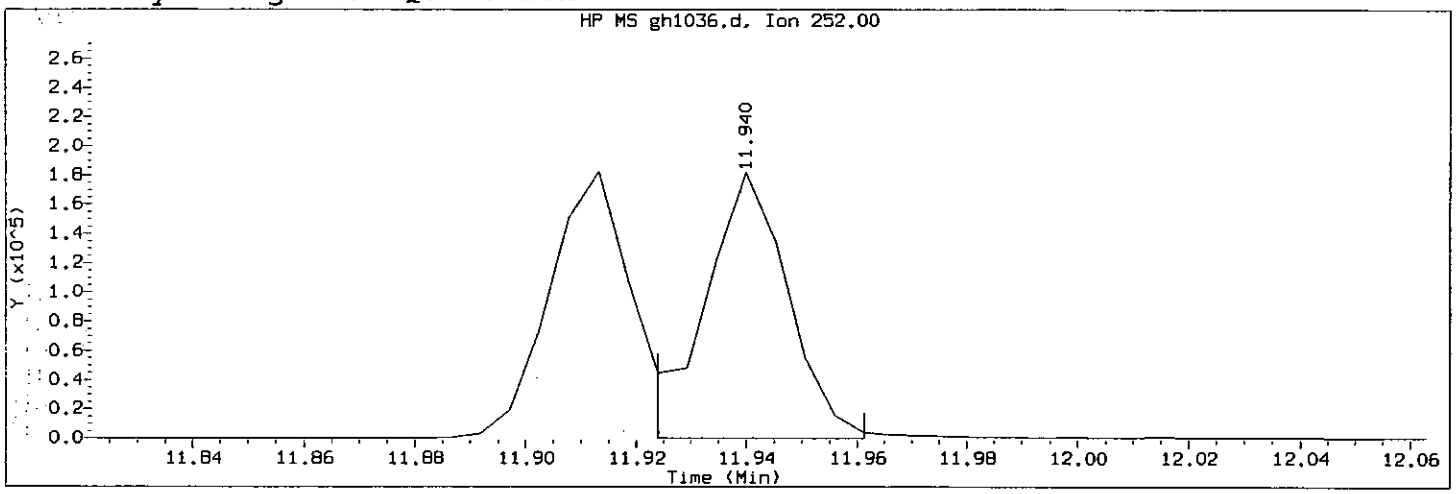
8673

Original Integration Report for data file /chem/HP11165.i/07aug29a.b/gh1036.d, generated on 08/29/2007 at 18:44

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP11165.i/07aug29a.b/gh1036.d Instrument ID: HP11165.i
Injection date and time: 29-AUG-2007 18:22 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07aug29a.b/minti.m Sublist used: all1
Calibration date and time: 29-AUG-2007 18:43
Date, time and analyst ID of latest file update: 29-Aug-2007 18:43 gjd01970

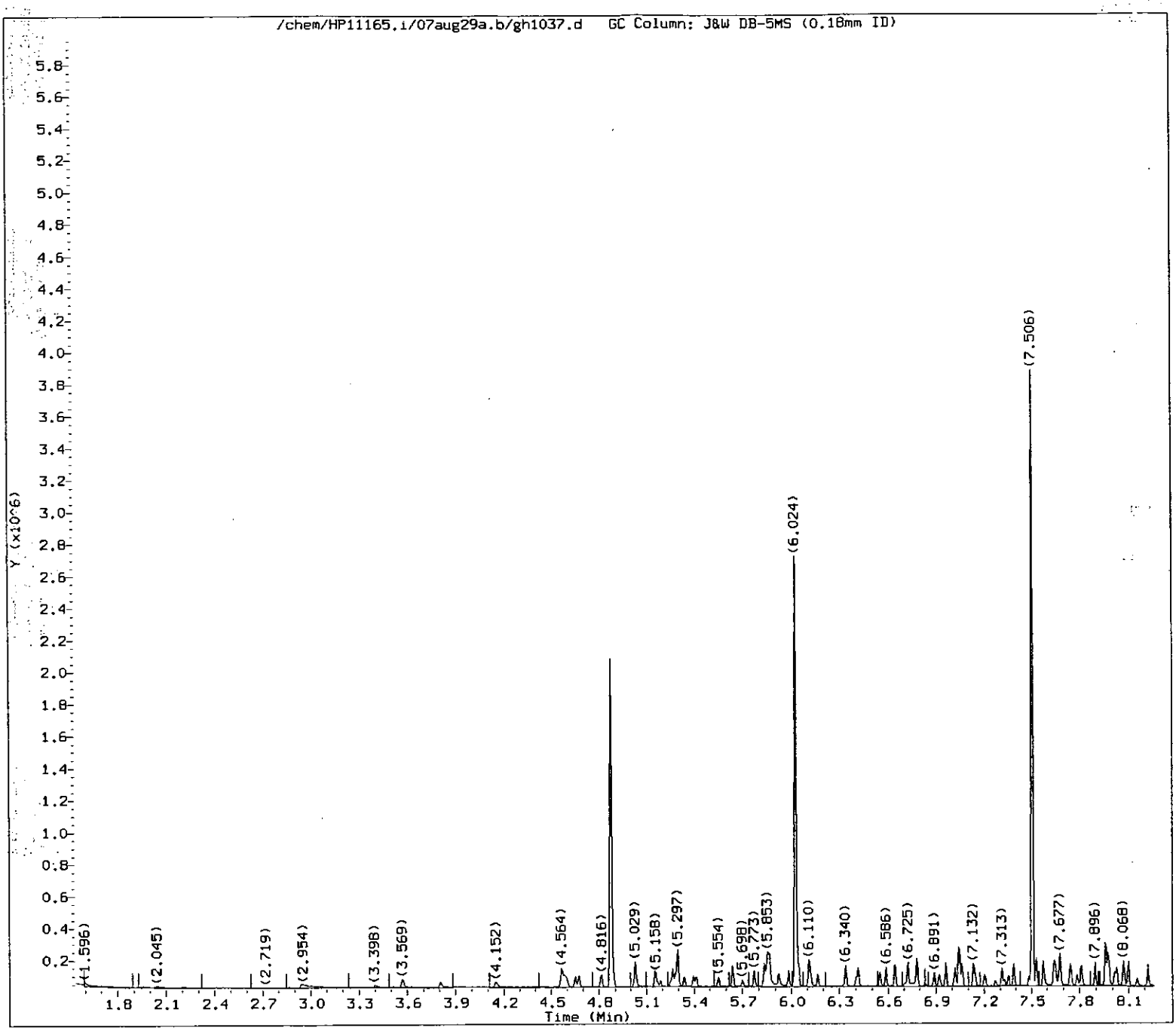
Sample Name: SSTD005 Lab Sample ID: STD2407

Compound Number : 172
Compound Name : Benzo(k)fluoranthene
Scan Number : 1945
Retention Time (minutes): 11.940
Quant Ion : 252
Area (flag) : 194569 M
Concentration (ng/ul) : 5.2307
Integration start scan : 1941 Integration stop scan: 1948
Y at integration start : 0 Y at integration end: 0

Reason for manual integration (circle one): missed peak improper integration

Analyst responsible for change: [signature] 8/29/07

GC/MS audit/management approval: [signature] 8/30/07



Quant Report

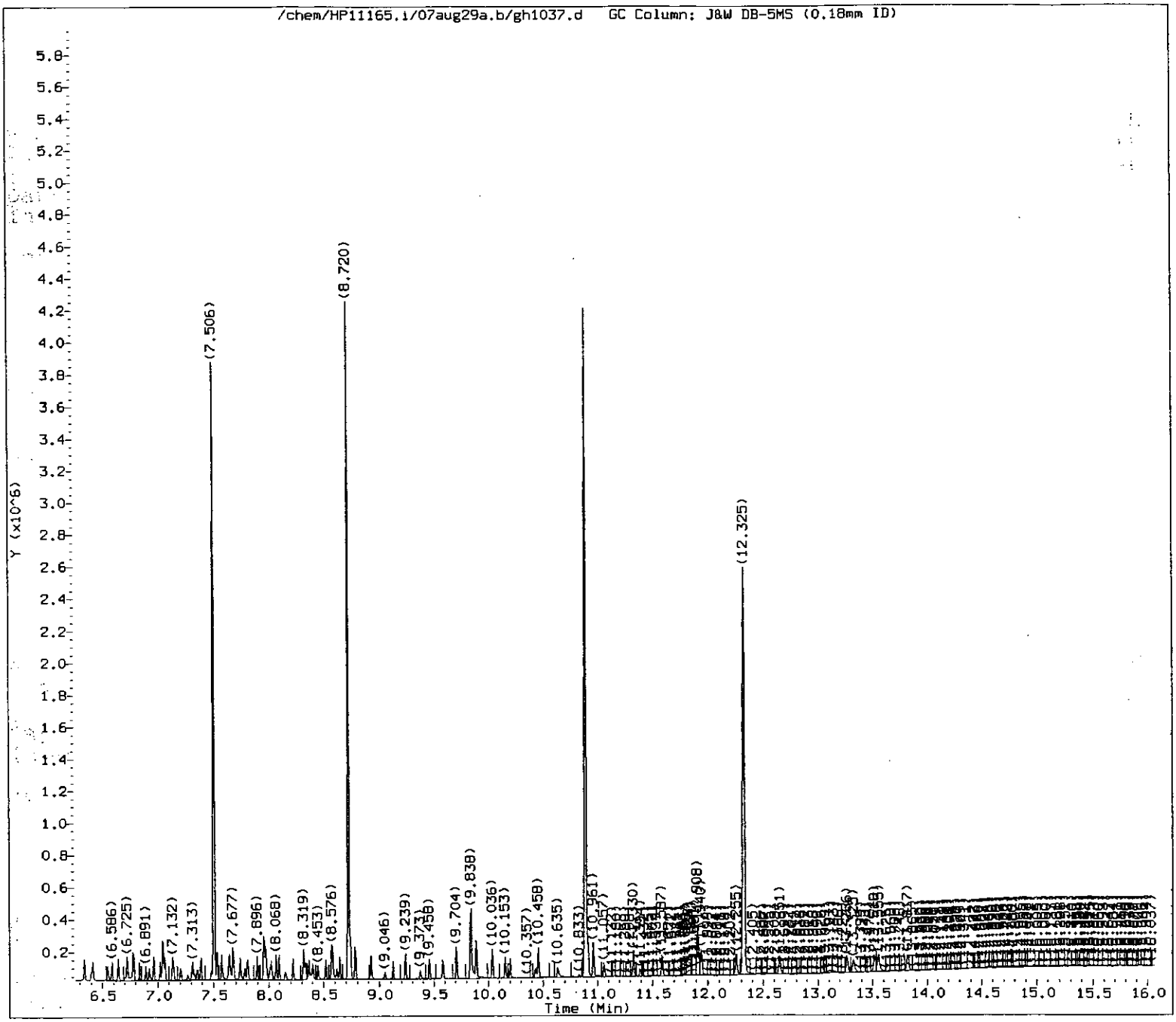
Target Revision 3.5

Data File: /chem/HP11165.i/07aug29a.b/gh1037.d Instrument ID: HP11165.i
Injection date and time: 29-AUG-2007 18:46 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07aug29a.b/minti.m Sublist used: all1
Calibration date and time: 29-AUG-2007 20:04
Date, time and analyst ID of latest file update: 29-Aug-2007 20:12 gjd01970

Sample Name: SSTD001 Lab Sample ID: 8270MDL2407

8675 GJA70 8/30/17



Quant Report

Target Revision 3.5

Data File: /chem/HP11165.i/07aug29a.b/gh1037.d Instrument ID: HP11165.i
Injection date and time: 29-AUG-2007 18:46 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07aug29a.b/minti.m Sublist used: all1
Calibration date and time: 29-AUG-2007 20:04
Date, time and analyst ID of latest file update: 29-Aug-2007 20:12 gjd01970

Sample Name: SSTD001 Lab Sample ID: 8270MDL2407

8676 CSM70 8/29/07

Quant Report

Target Revision 3.5

Data File: /chem/HP11165.i/07aug29a.b/gh1037.d Instrument ID: HP11165.i
Injection date and time: 29-AUG-2007 18:46 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07aug29a.b/minti.m Sublist used: all1
Calibration date and time: 29-AUG-2007 20:04
Date, time and analyst ID of latest file update: 29-Aug-2007 20:12 gjd01970

Sample Name: SSTD001 Lab Sample ID: 8270MDL2407

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
1) 1,4-Dioxane	(1)	1.596	88	7151M	1.574
2) N-Nitrosodimethylamine	(1)	1.949	74	10607M	1.484
3) Pyridine	(1)	2.045	79	19206MA	1.504
5) 2-Picoline	(1)	2.949	93	21917MA	1.786
6) N-Nitrosomethylethylamine	(1)	3.056	88	10197	1.691
7) Methyl methanesulfonate	(1)	3.398	80	6660	1.455
10) N-Nitrosodiethylamine	(1)	3.805	102	8057	1.437
11) Ethyl methanesulfonate	(1)	4.152	109	8870	1.636
13) Aniline	(1)	4.564	93	30377	1.562
16) Phenol	(1)	4.580	94	23316	1.505
17) Pentachloroethane	(1)	4.596	167	5310	1.708
18) bis(2-Chloroethyl)ether	(1)	4.650	93	20428	1.668
19) 2-Chlorophenol	(1)	4.671	128	13849	1.432
20) 1,3-Dichlorobenzene	(1)	4.816	146	15078	1.639
21) 1,4-Dichlorobenzene-d4	(1)	4.874	152	241936	40.000
22) 1,4-Dichlorobenzene	(1)	4.890	146	14509	1.530
24) Benzyl alcohol	(1)	5.029	108	13423	1.701
25) 1,2-Dichlorobenzene	(1)	5.029	146	14022	1.578
26) 2-Methylphenol	(1)	5.153	108	17835	1.649
27) 2,2'-oxybis(1-Chloropropane)	(1)	5.169	45	21240	1.834
28) bis(2-Chloroisopropyl)ether	(1)	5.169	45	21240	1.834
29) N-Nitrosopyrrolidine	(1)	5.254	100	9002	1.439
30) Acetophenone	(1)	5.265	105	25896	1.680
31) N-Nitroso-di-n-propylamine	(1)	5.281	70	16790	1.870
32) N-Nitrosomorpholine	(1)	5.297	56	11637	1.840
33) 4-Methylphenol	(1)	5.297	108	18899	1.572
34) o-Toluidine	(1)	5.297	106	28122	1.591
37) Hexachloroethane	(1)	5.340	117	6563	1.758
39) Nitrobenzene	(2)	5.415	77	17905	1.497
40) N-Nitrosopiperidine	(2)	5.554	114	9647	1.678
41) Isophorone	(2)	5.639	82	42294	1.660
42) 2-Nitrophenol	(2)	5.703	139	5742	1.390
44) 2,4-Dimethylphenol	(2)	5.773	107	18605	1.730
45) O,O,O-triethylphosphorothioate	(2)	5.832	198	6928	1.600
46) bis(2-Chloroethoxy)methane	(2)	5.853	93	21611	1.730
47) Benzoic acid	(2)	5.864	105	101990	15.171
49) 2,4-Dichlorophenol	(2)	5.923	162	11701	1.631
50) 1,2,4-Trichlorobenzene	(2)	5.982	180	12281	1.701
52) Naphthalene-d8	(2)	6.030	136	1023394	40.000
53) Naphthalene	(2)	6.046	128	48154	1.659
55) 4-Chloroaniline	(2)	6.110	127	20481	1.719
56) 2,6-Dichlorophenol	(2)	6.115	162	10844	1.586
57) Hexachloropropene	(2)	6.126	213	6234	1.499

M = Compound was manually integrated. A = User selected an alternate hit

Quant Report

Target Revision 3.5

Data File: /chem/HP11165.i/07aug29a.b/gh1037.d Instrument ID: HP11165.i
Injection date and time: 29-AUG-2007 18:46 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07aug29a.b/minti.m Sublist used: all1
Calibration date and time: 29-AUG-2007 20:04
Date, time and analyst ID of latest file update: 29-Aug-2007 20:12 gjd01970

Sample Name: SSTD001 Lab Sample ID: 8270MDL2407

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
59) Hexachlorobutadiene	(2)	6.169	225	6437	1.662
62) Caprolactam	(2)	6.404	113	7039	1.699
63) N-Nitrosodi-n-butylamine	(2)	6.415	84	19477	1.887
67) 4-Chloro-3-methylphenol	(2)	6.549	107	15819	1.629
68) Safrole	(2)	6.586	162	11013	1.560
69) 2-Methylnaphthalene	(2)	6.645	142	30158	1.630
70) 1-Methylnaphthalene	(2)	6.725	142	30476	1.705
71) Hexachlorocyclopentadiene	(3)	6.779	237	9572	8.924
72) 1,2,4,5-Tetrachlorobenzene	(3)	6.784	216	12140	1.650
73) cis-Isosafrole	(3)	6.832	162	1084	0.153
74) 2,4,6-Trichlorophenol	(3)	6.891	196	7907	1.554
76) 2,4,5-Trichlorophenol	(3)	6.923	196	8588	1.445
78) trans-Isosafrole	(3)	7.019	162	13255	1.448
79) Isosafrole	(3)	7.019	162	13255	1.627
80) Biphenyl	(3)	7.041	154	39142	1.700
81) Diphenyl	(3)	7.041	154	39142	1.700
82) 1,1'-Biphenyl	(3)	7.041	154	39142	1.700
83) 2-Chloronaphthalene	(3)	7.046	162	38854M	1.969
87) Diphenyl ether	(3)	7.132	170	20578	1.622
88) 2-Nitroaniline	(3)	7.142	138	8203	1.439
89) 1,4-Naphthoquinone	(3)	7.206	158	10363	1.453
90) 1,4-Dinitrobenzene	(3)	7.271	168	2663	5.564
91) Dimethylphthalate	(3)	7.313	163	35960	1.788
92) 1,3-Dinitrobenzene	(3)	7.329	168	3541	1.134
93) 2,6-Dinitrotoluene	(3)	7.356	165	5274	1.223
94) Acenaphthylene	(3)	7.388	152	44400	1.618
96) 3-Nitroaniline	(3)	7.485	138	6553	1.253
97) Acenaphthene-d10	(3)	7.506	164	609999	40.000
98) Acenaphthene	(3)	7.533	153	30806	1.681
99) 2,4-Dinitrophenol	(3)	7.575	184	17476	18.729
100) Pentachlorobenzene	(3)	7.640	250	11914	1.650
102) 4-Nitrophenol	(3)	7.650	109	13138	4.320
103) Dibenzofuran	(3)	7.677	168	46120	1.708
104) 2,4-Dinitrotoluene	(3)	7.682	165	6656	1.250
105) 1-Naphthylamine	(3)	7.741	143	33584	1.701
106) 2,3,4,6-Tetrachlorophenol	(3)	7.784	232	5797	1.377
107) 2-Naphthylamine	(3)	7.811	143	35881	1.760
108) Diethylphthalate	(3)	7.896	149	38790	1.781
109) Thionazin	(3)	7.955	107	8295	1.794
110) Fluorene	(3)	7.955	166	35877	1.639
111) 4-Chlorophenyl-phenylether	(3)	7.971	204	17458	1.739
112) 5-Nitro-o-toluidine	(3)	7.977	152	9359	1.556
113) 4-Nitroaniline	(3)	7.982	138	7529	1.288

M = Compound was manually integrated. A = User selected an alternate hit

Quant Report

Target Revision 3.5

Data File: /chem/HP11165.i/07aug29a.b/gh1037.d Instrument ID: HP11165.i
Injection date and time: 29-AUG-2007 18:46 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07aug29a.b/minti.m Sublist used: all1
Calibration date and time: 29-AUG-2007 20:04
Date, time and analyst ID of latest file update: 29-Aug-2007 20:12 gjd01970

Sample Name: SSTD001 Lab Sample ID: 8270MDL2407

	Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
114)	4,6-Dinitro-2-methylphenol	(4)	8.014	198	8470	7.980
115)	1-Nitronaphthalene	(4)	8.025	173	6010	1.423
116)	N-Nitrosodiphenylamine	(4)	8.068	169	27800	1.674
117)	1,2-Diphenylhydrazine	(4)	8.100	77	48675	1.665
119)	Tetraethyldithiopyrophosphate	(4)	8.223	97	6870	1.730
120)	1,3,5-Trinitrobenzene	(4)	8.314	213	1109	7.955
121)	Diallate (peak 1)	(4)	8.314	86	15701	1.207
122)	Phorate	(4)	8.319	75	32089	1.510
123)	Phenacetin	(4)	8.335	108	19717	1.541
124)	4-Bromophenyl-phenylether	(4)	8.367	248	9776	1.659
125)	Diallate (peak 2)	(4)	8.383	86	5595	0.423
126)	Hexachlorobenzene	(4)	8.404	284	9557	1.563
127)	Dimethoate	(4)	8.453	87	17000	1.671
128)	Diallate TRANS/CIS	(4)	23.156	86	21296	1.631
130)	Pentachlorophenol	(4)	8.576	266	14368	4.630
131)	Pentachloronitrobenzene	(4)	8.581	237	3417	1.555
132)	4-Aminobiphenyl	(4)	8.581	169	31826	1.720
133)	Pronamide	(4)	8.645	173	14904	1.610
134)	Phenanthrene-d10	(4)	8.720	188	1232197	40.000
135)	Dinoseb	(4)	8.736	211	2826	6.452
136)	Phenanthrene	(4)	8.736	178	55371	1.777
137)	Anthracene	(4)	8.779	178	53113	1.625
139)	Carbazole	(4)	8.923	167	53508	1.661
140)	Methyl parathion	(4)	9.046	109	6418	1.099
141)	Di-n-butylphthalate	(4)	9.239	149	62794	1.612
142)	Parathion	(4)	9.373	109	3632	3.445
143)	4-Nitroquinoline-1-oxide	(4)	9.378	190	866	6.265
144)	Methapyrilene	(4)	9.458	97	18679M	0.000
145)	Isodrin	(4)	9.581	193	6139	1.869
146)	Fluoranthene	(4)	9.704	202	59469	1.592
151)	Benzidine	(5)	9.838	184	193413	9.011
153)	Pyrene	(5)	9.886	202	65172	1.623
157)	p-Dimethylaminoazobenzene	(5)	10.153	225	11662	1.399
158)	Chlorobenzilate	(5)	10.202	139	17355	1.573
159)	3,3'-Dimethylbenzidine	(5)	10.432	212	22499	1.245
160)	Butylbenzylphthalate	(5)	10.458	149	26899	1.479
161)	2-Acetylaminofluorene	(5)	10.635	181	14378	3.656
163)	3,3'-Dichlorobenzidine	(5)	10.876	252	18475	1.424
164)	4,4'-Methylenebis(2-Chloroanil	(5)	10.886	231	9222	1.484
165)	Benzo(a)anthracene	(5)	10.881	228	58968	1.634
166)	Chrysene-d12	(5)	10.892	240	1173144	40.000
167)	Chrysene	(5)	10.913	228	59006	1.644
168)	bis(2-Ethylhexyl)phthalate	(5)	10.961	149	39821	1.568

M = Compound was manually integrated. A = User selected an alternate hit

Quant Report

Target Revision 3.5

Data File: /chem/HP11165.i/07aug29a.b/gh1037.d Instrument ID: HP11165.i
Injection date and time: 29-AUG-2007 18:46 Analyst ID: gjd01970

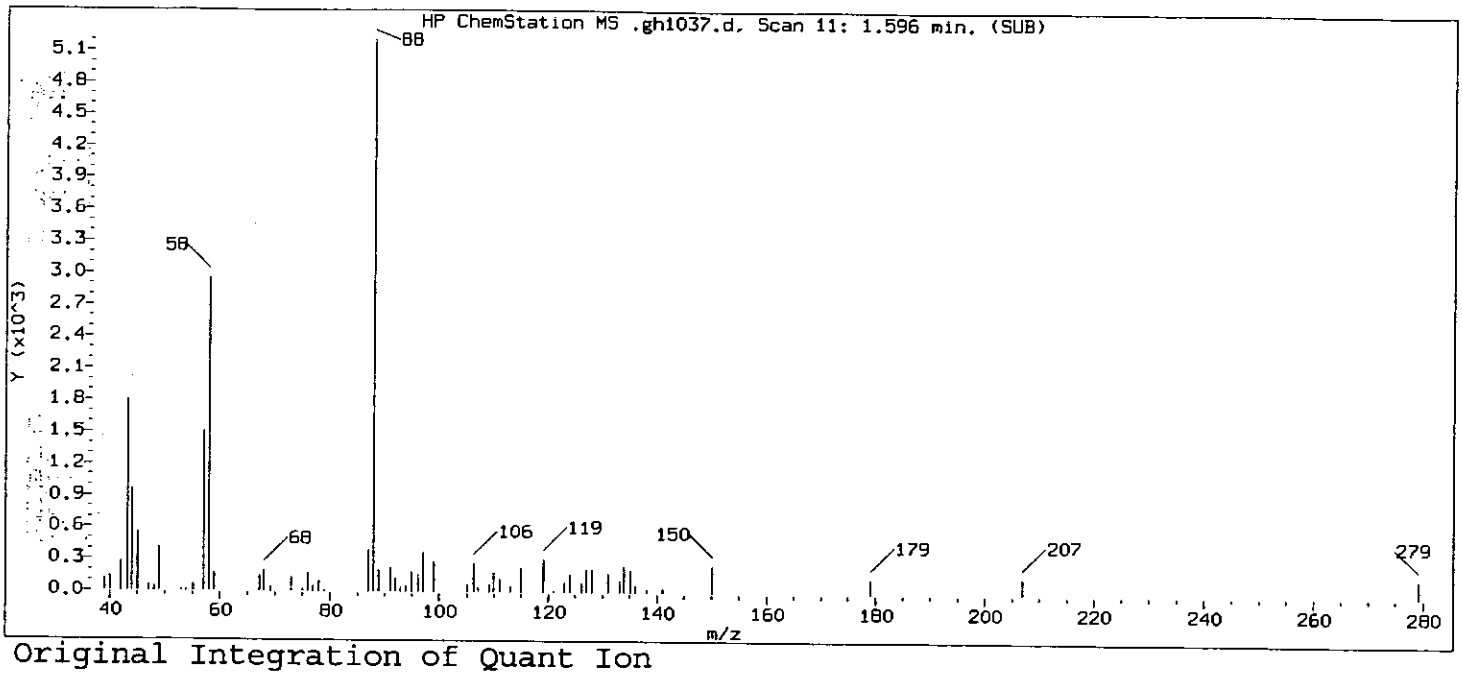
Method used: /chem/HP11165.i/07aug29a.b/minti.m Sublist used: all1
Calibration date and time: 29-AUG-2007 20:04
Date, time and analyst ID of latest file update: 29-Aug-2007 20:12 gjd01970

Sample Name: SSTD001 Lab Sample ID: 8270MDL2407

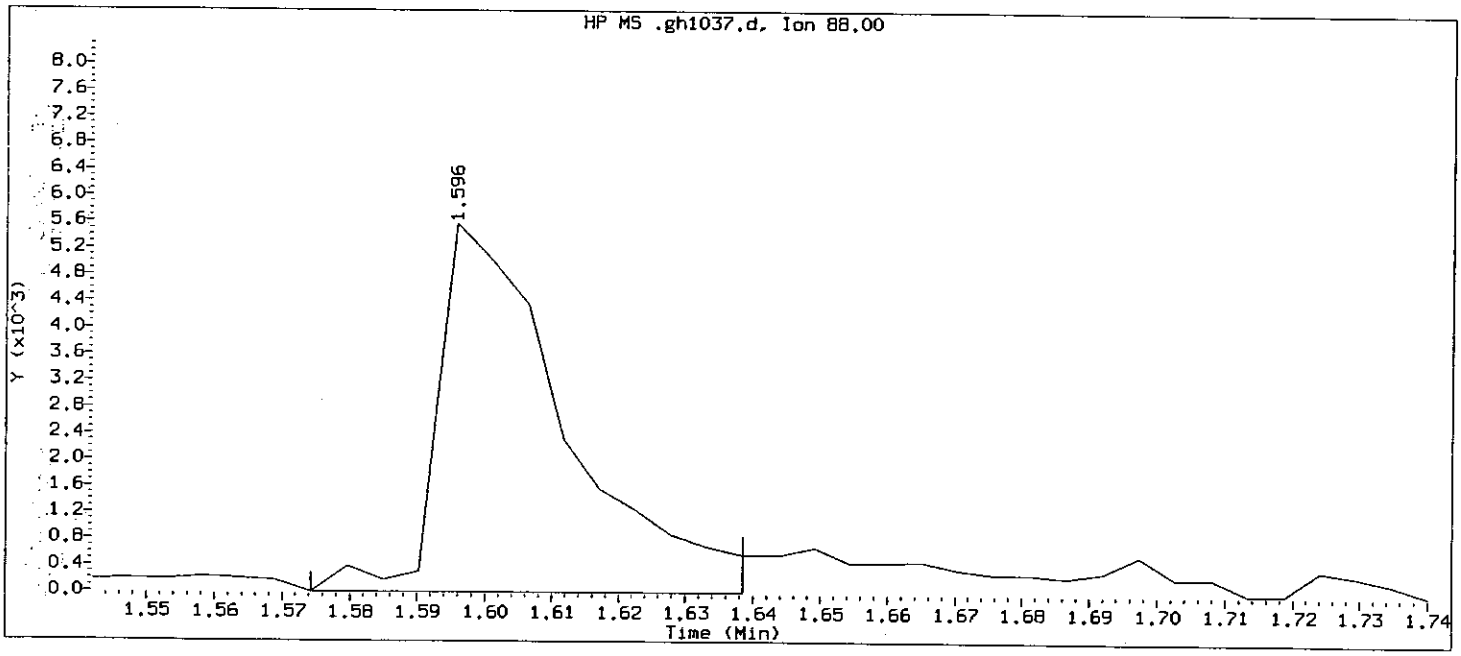
	Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
188)	6-Methylchrysene	(5)	11.330	242	36097	1.475
169)	Di-n-octylphthalate	(6)	11.592	149	59982	1.442
189)	Dibenz(a,h)acridine	(6)	13.266	279	43595	1.509
190)	Dibenz(a,j)acridine	(6)	13.325	279	41153	1.522
170)	7,12-Dimethylbenz[a]anthracene	(6)	11.913	256	27187	1.582
171)	Benzo(b)fluoranthene	(6)	11.913	252	55371	1.475
194)	Ronnel	(4)	9.121	285	11960	1.677
172)	Benzo(k)fluoranthene	(6)	11.940	252	62366	1.689
173)	Benzo(a)pyrene	(6)	12.255	252	51912	1.553
174)	Perylene-d12	(6)	12.325	264	974468	40.000
175)	3-Methylcholanthrene	(6)	12.651	268	27157	1.568
176)	Indeno(1,2,3-cd)pyrene	(6)	13.518	276	60520	1.547
177)	Dibenz(a,h)anthracene	(6)	13.555	278	49417	1.563
178)	Benzo(g,h,i)perylene	(6)	13.817	276	52533	1.592
84)	1-Chloronaphthalene	(3)	7.062	162	27216M	1.637
9)	2-Fluorophenol	(1)	3.569	112	16110	1.565
14)	Phenol-d5	(1)	4.570	99	21279	1.466
15)	Phenol-d6	(1)	4.570	99	21279	1.466
38)	Nitrobenzene-d5	(2)	5.393	82	19348	1.720
77)	2-Fluorobiphenyl	(3)	6.960	172	33152	1.652
118)	2,4,6-Tribromophenol	(3)	8.158	330	3814	1.519
155)	Terphenyl-d14	(5)	10.036	244	37818	1.574

M = Compound was manually integrated. A = User selected an alternate hit

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP11165.i/07aug29a.b/gh1037.d Instrument ID: HP11165.i
Injection date and time: 29-AUG-2007 18:46 Analyst ID: gjd01970

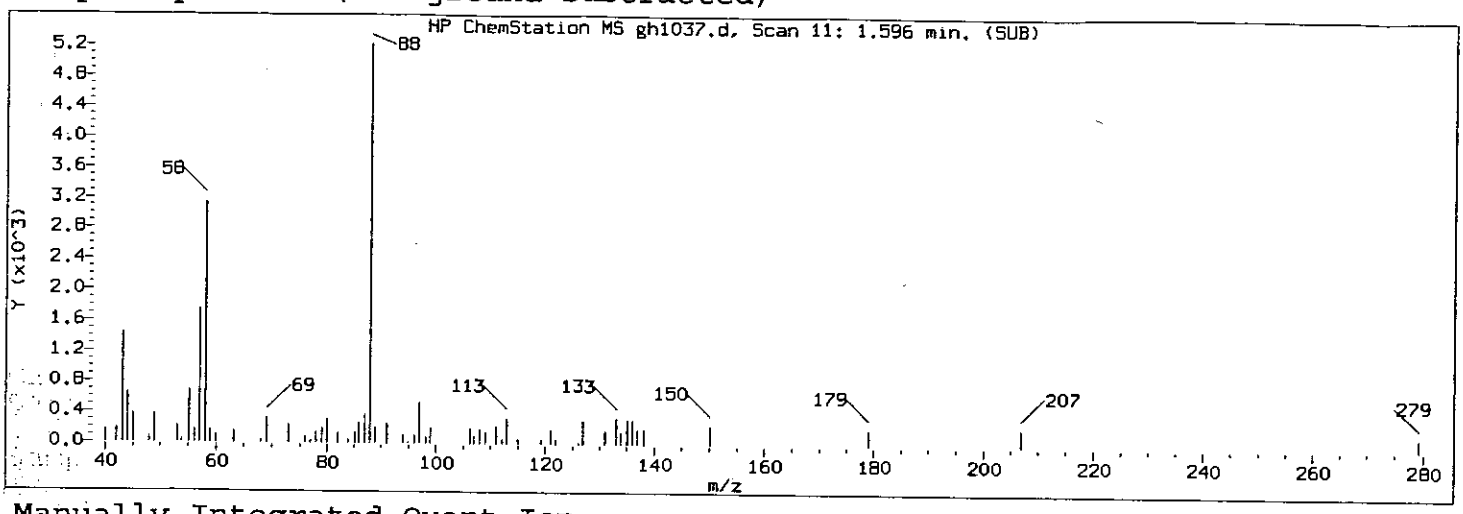
Method used: /chem/HP11165.i/07aug29a.b/minti.m Sublist used: all1
Calibration date and time: 29-AUG-2007 20:04
Date, time and analyst ID of latest file update: 29-Aug-2007 20:05 gjd01970

Sample Name: SSTD001 Lab Sample ID: 8270MDL2407

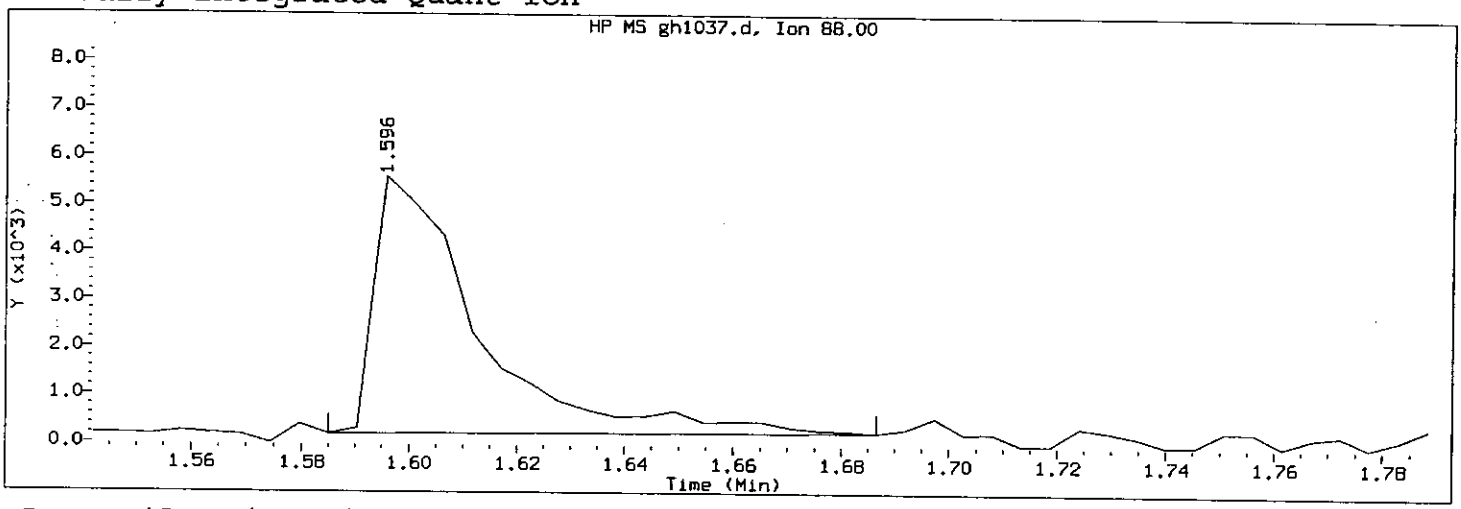
Compound Number	:	1
Compound Name	:	1,4-Dioxane
Scan Number	:	11
Retention Time (minutes)	:	1.596
Quant Ion	:	88
Area	:	7328
Concentration (ng/ul)	:	1.6124
Integration start scan	:	6
Integration stop scan	:	18
Y at integration start	:	0
Y at integration end	:	0

Original Integration Report for data file /chem/HP11165.i/07aug29a.b/gh1037.d, generated on 08/29/2007 at 20:16

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP11165.i/07aug29a.b/gh1037.d Instrument ID: HP11165.i
Injection date and time: 29-AUG-2007 18:46 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07aug29a.b/minti.m Sublist used: all
Calibration date and time: 29-AUG-2007 20:04
Date, time and analyst ID of latest file update: 29-Aug-2007 20:12 gjd01970

Sample Name: SSTD001 Lab Sample ID: 8270MDL2407

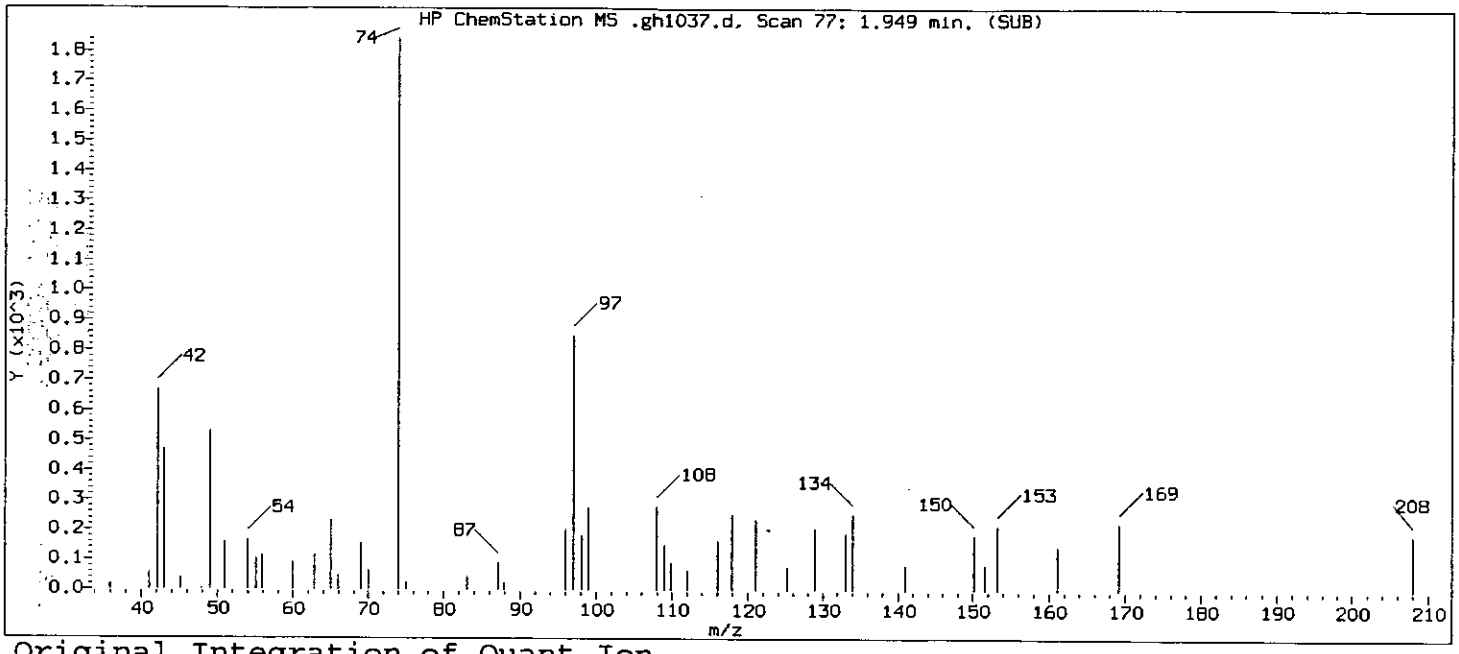
Compound Number	: 1
Compound Name	: 1,4-Dioxane
Scan Number	: 11
Retention Time (minutes)	: 1.596
Quant Ion	: 88
Area (flag)	: 7151 M
Concentration (ng/ul)	: 1.5735
Integration start scan	: 8 Integration stop scan: 27
Y at integration start	: 187 Y at integration end: 240

Reason for manual integration (circle one): missed peak improper integration

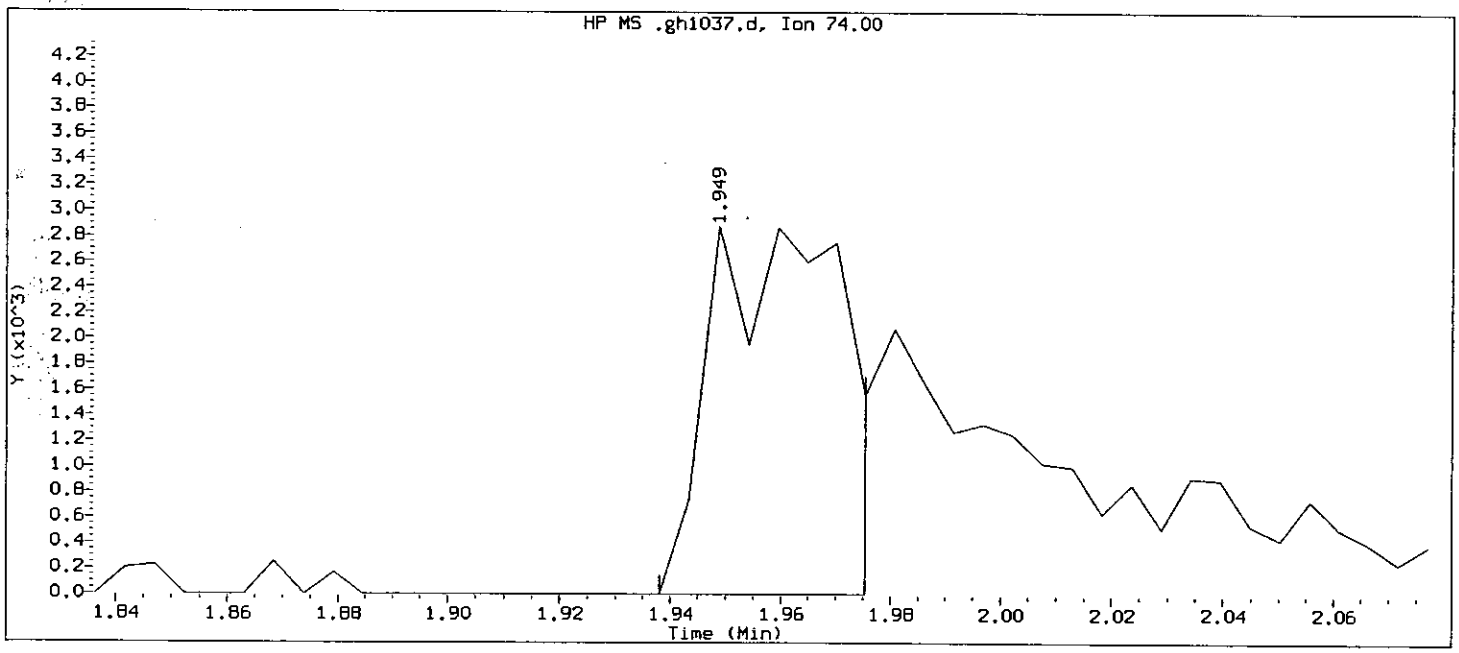
Analyst responsible for change: [signature] 1176 8/29/07

GC/MS audit/management approval: [signature] 0582 8/30/07

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP11165.i/07aug29a.b/gh1037.d Instrument ID: HP11165.i
Injection date and time: 29-AUG-2007 18:46 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07aug29a.b/minti.m Sublist used: all
Calibration date and time: 29-AUG-2007 20:04
Date, time and analyst ID of latest file update: 29-Aug-2007 20:05 gjd01970

Sample Name: SSTD001 Lab Sample ID: 8270MDL2407

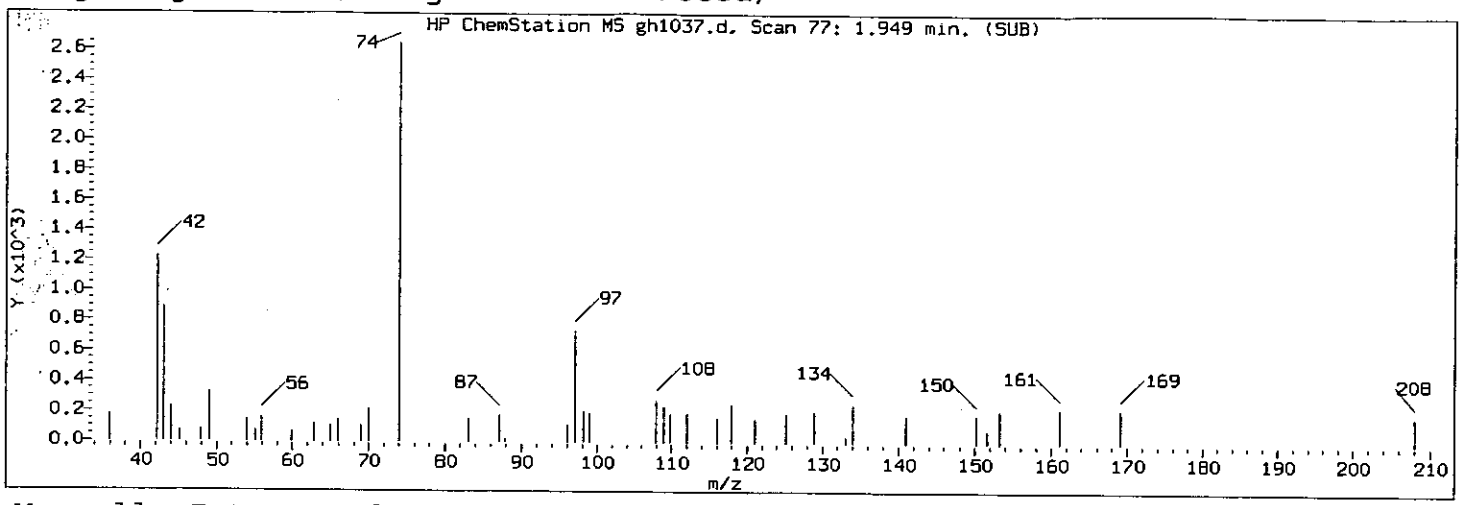
Compound Number : 2
Compound Name : N-Nitrosodimethylamine
Scan Number : 77
Retention Time (minutes): 1.949
Quant Ion : 74
Area : 4671
Concentration (ng/ul) : 0.6537
Integration start scan : 74 Integration stop scan: 81
Y at integration start : 0 Y at integration end: 0

GJM 8/29/07

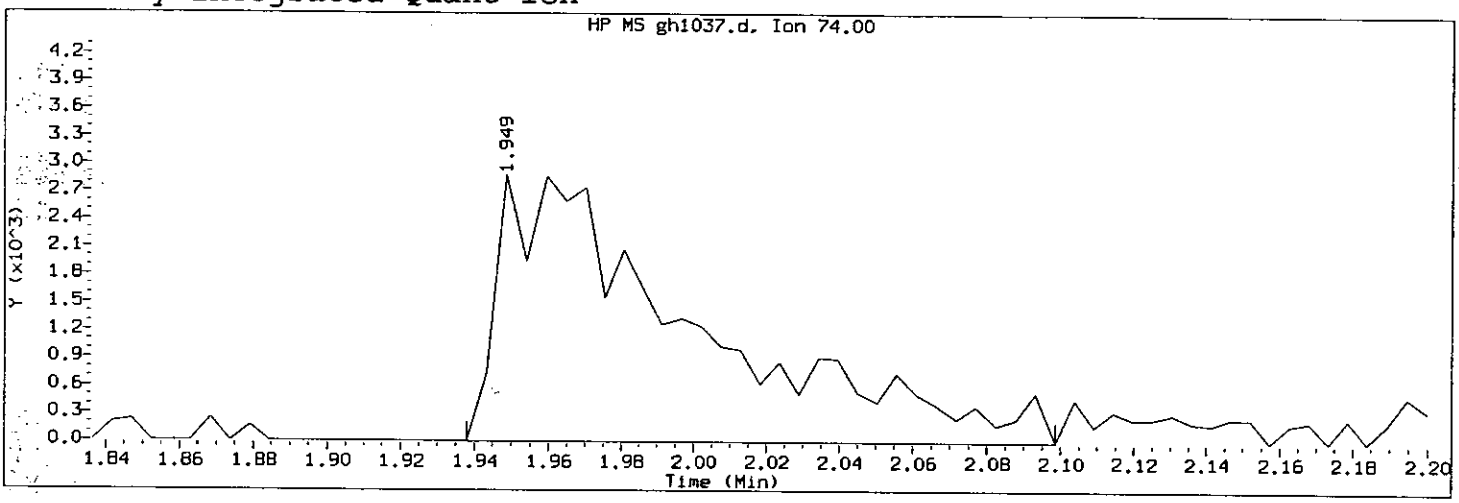
8683

Original Integration Report for data file /chem/HP11165.i/07aug29a.b/gh1037.d, generated on 08/29/2007 at 20:16

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP11165.i/07aug29a.b/gh1037.d Instrument ID: HP11165.i
Injection date and time: 29-AUG-2007 18:46 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07aug29a.b/minti.m Sublist used: all
Calibration date and time: 29-AUG-2007 20:04
Date, time and analyst ID of latest file update: 29-Aug-2007 20:12 gjd01970

Sample Name: SSTD001 Lab Sample ID: 8270MDL2407

Compound Number : 2
Compound Name : N-Nitrosodimethylamine
Scan Number : 77
Retention Time (minutes): 1.949
Quant Ion : 74
Area (flag) : 10607 M
Concentration (ng/ul) : 1.4844
Integration start scan : 74 Integration stop scan: 104
Y at integration start : -5 Y at integration end: -5

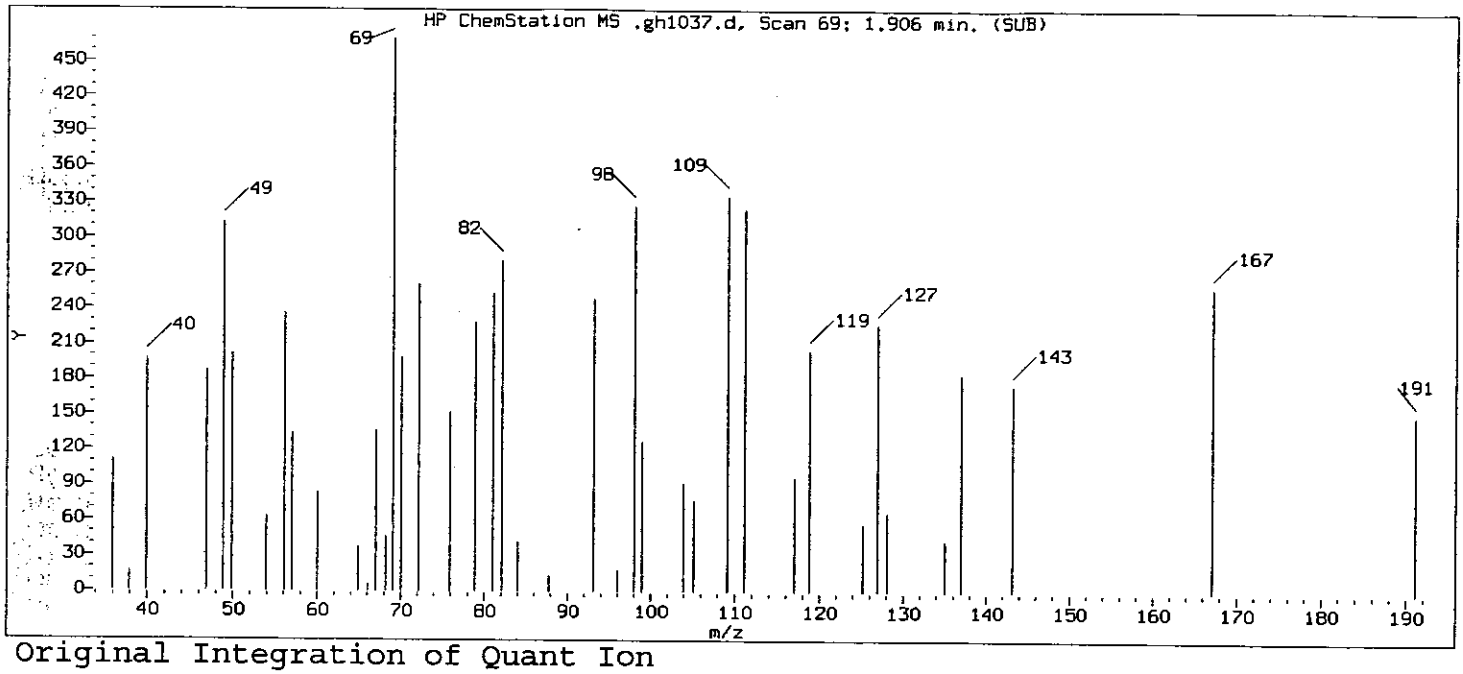
Reason for manual integration (circle one): missed peak improper integration

Analyst responsible for change: [signature] 8/29/07

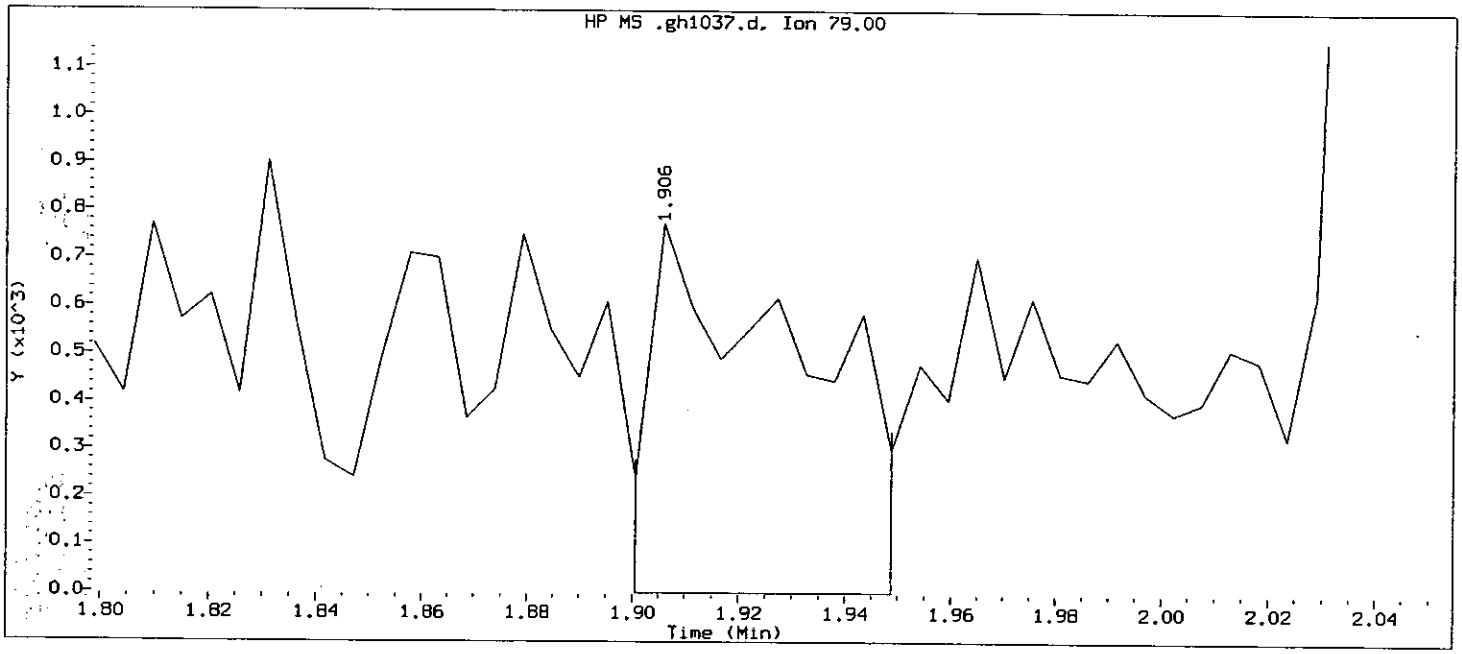
GC/MS audit/management approval: [signature] 8/30/07

Manual Integration Report for data file /chem/HP11165.i/07aug29a.b/gh1037.d, generated on 08/29/2007 at 20:16

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP11165.i/07aug29a.b/gh1037.d Instrument ID: HP11165.i
Injection date and time: 29-AUG-2007 18:46 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07aug29a.b/minti.m Sublist used: all1
Calibration date and time: 29-AUG-2007 20:04
Date, time and analyst ID of latest file update: 29-Aug-2007 20:05 gjd01970

Sample Name: SSTD001 Lab Sample ID: 8270MDL2407

Compound Number	: 3
Compound Name	: Pyridine
Scan Number	: 69
Retention Time (minutes)	: 1.906
Quant Ion	: 79
Area	: 1536
Concentration (ng/ul)	: 0.1204

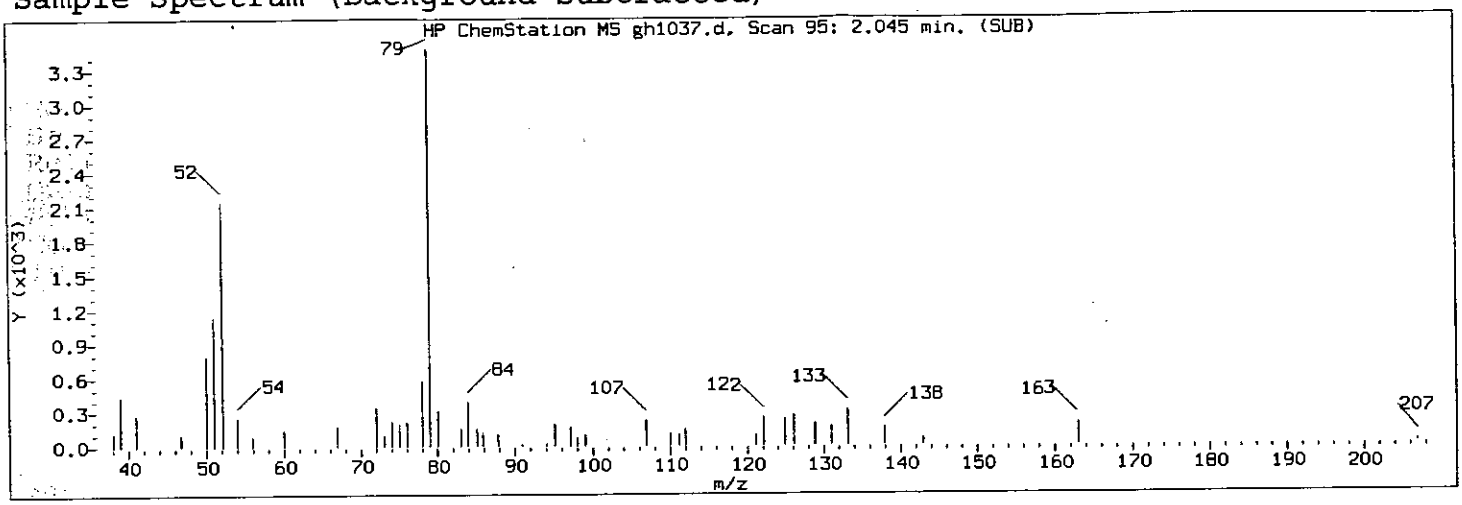
Integration start scan : 67 Integration stop scan: 76
Y at integration start : 0 Y at integration end: 0

GJK 8/29/07

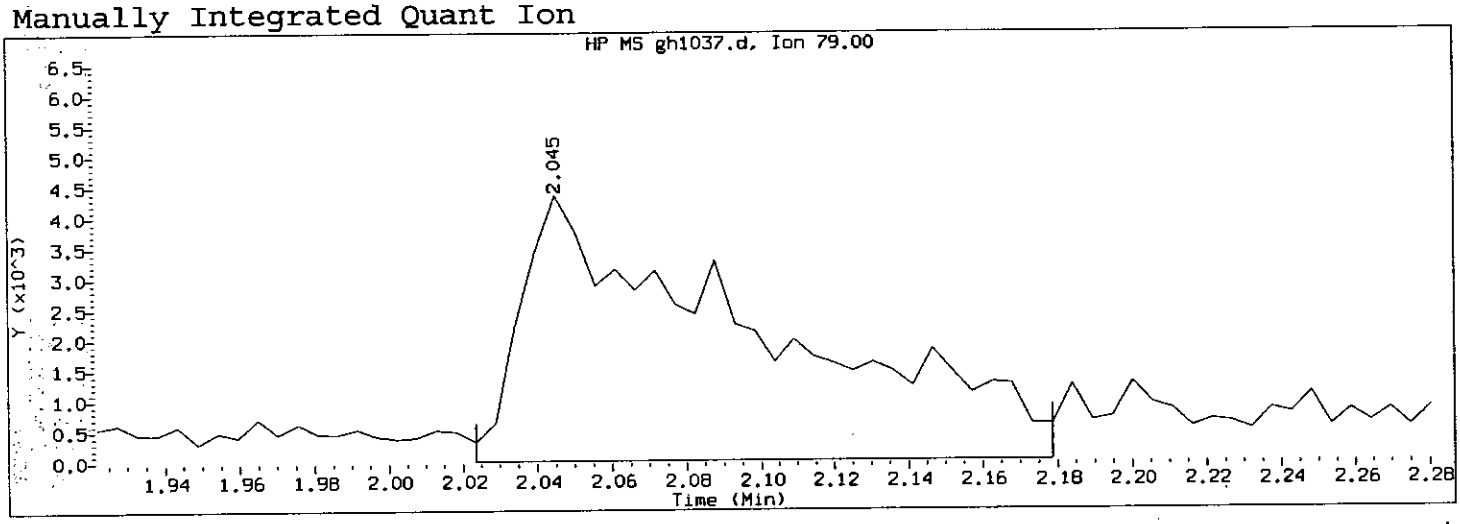
8685

Original Integration Report for data file /chem/HP11165.i/07aug29a.b/gh1037.d, generated on 08/29/2007 at 20:16

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP11165.i/07aug29a.b/gh1037.d Instrument ID: HP11165.i
Injection date and time: 29-AUG-2007 18:46 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07aug29a.b/minti.m Sublist used: all1
Calibration date and time: 29-AUG-2007 20:04
Date, time and analyst ID of latest file update: 29-Aug-2007 20:12 gjd01970

Sample Name: SSTD001 Lab Sample ID: 8270MDL2407

Compound Number	: 3
Compound Name	: Pyridine
Scan Number	: 95
Retention Time (minutes)	: 2.045
Quant Ion	: 79
Area (flag)	: 19206AM
Concentration (ng/ul)	: 1.5044
Integration start scan	: 90 Integration stop scan: 119
Y at integration start	: 8 Y at integration end: 8

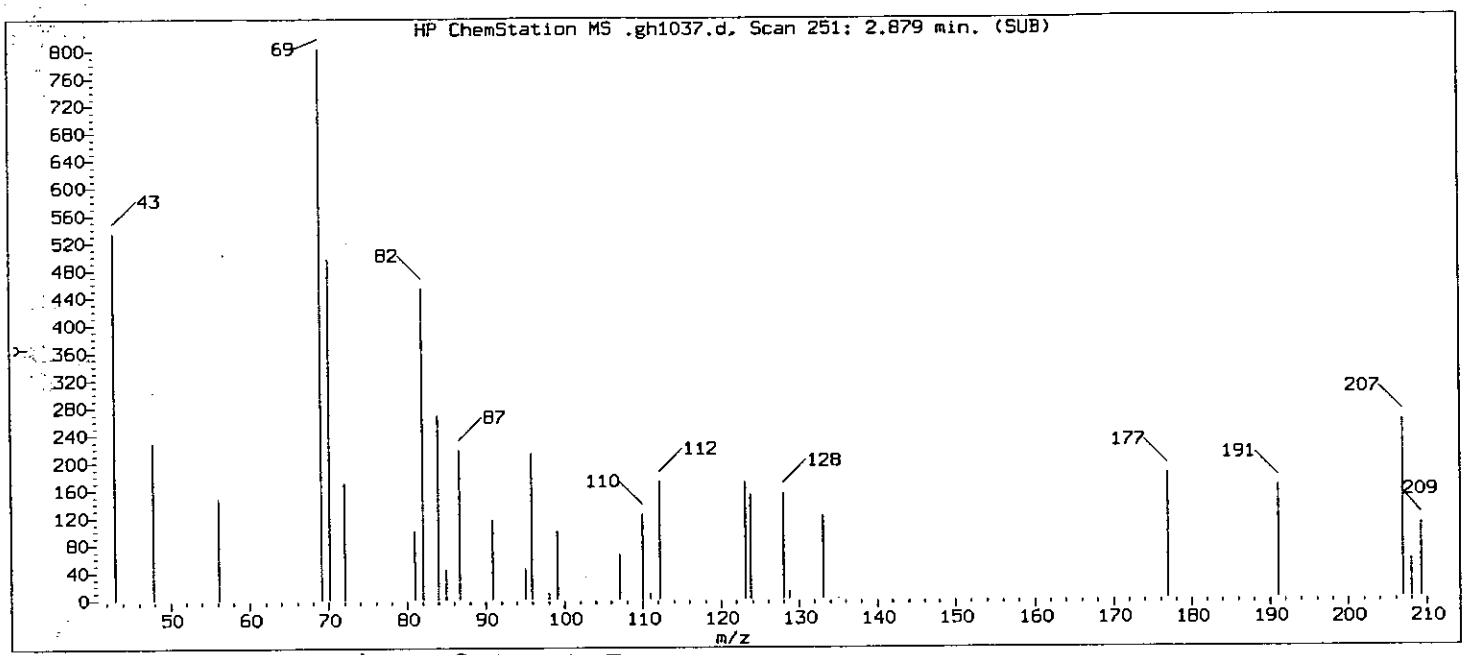
Reason for manual integration (circle one): missed peak improper integration

Analyst responsible for change: [signature] 8/30/07

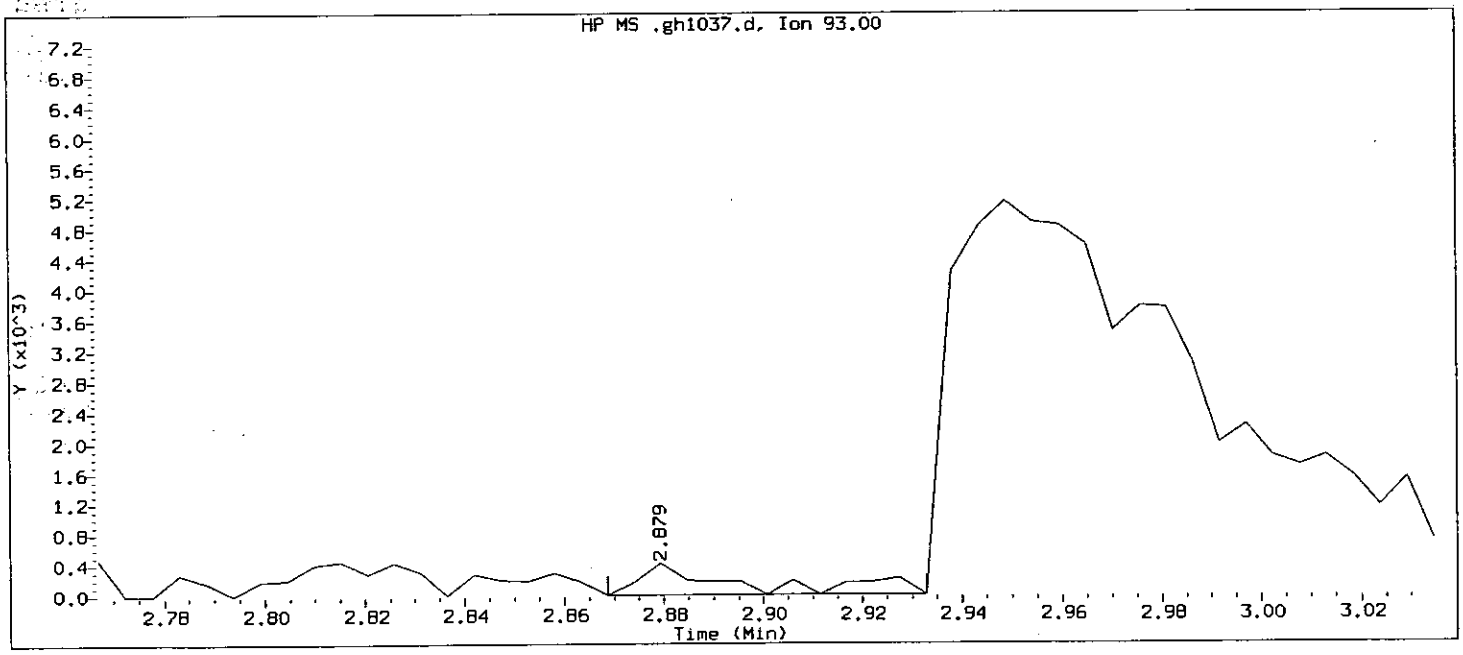
GC/MS audit/management approval: [signature] 8/30/07

Manual Integration Report for data file /chem/HP11165.i/07aug29a.b/gh1037.d, generated on 08/29/2007 at 20:16

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP11165.i/07aug29a.b/gh1037.d Instrument ID: HP11165.i
Injection date and time: 29-AUG-2007 18:46 Analyst ID: gjd01970

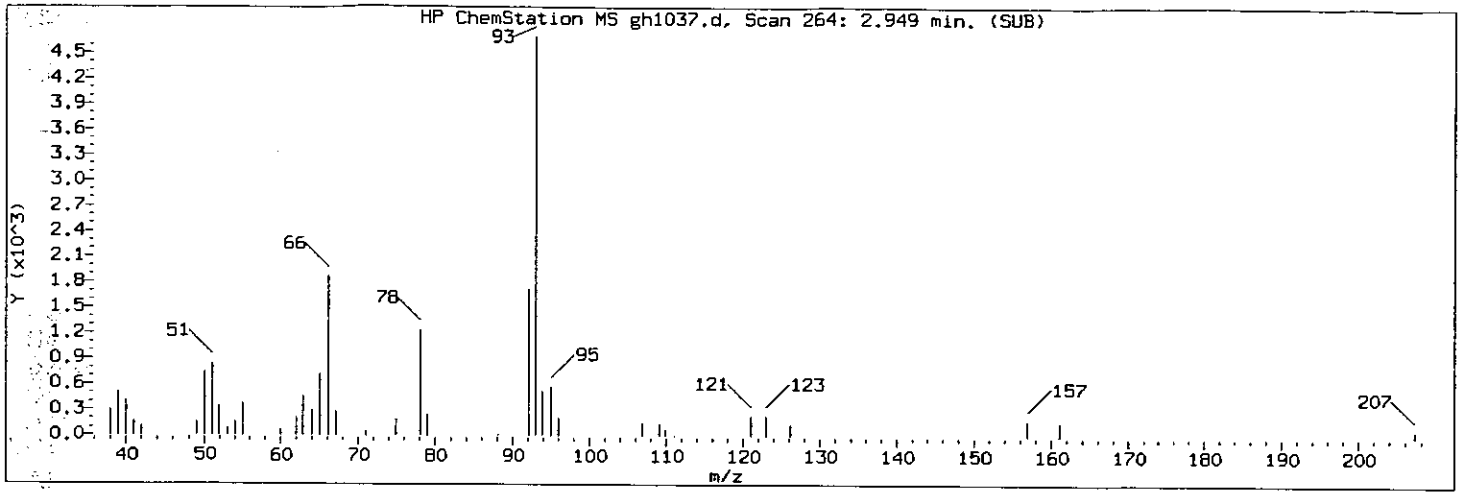
Method used: /chem/HP11165.i/07aug29a.b/minti.m Sublist used: all1
Calibration date and time: 29-AUG-2007 20:04
Date, time and analyst ID of latest file update: 29-Aug-2007 20:05 gjd01970

Sample Name: SSTD001 Lab Sample ID: 8270MDL2407

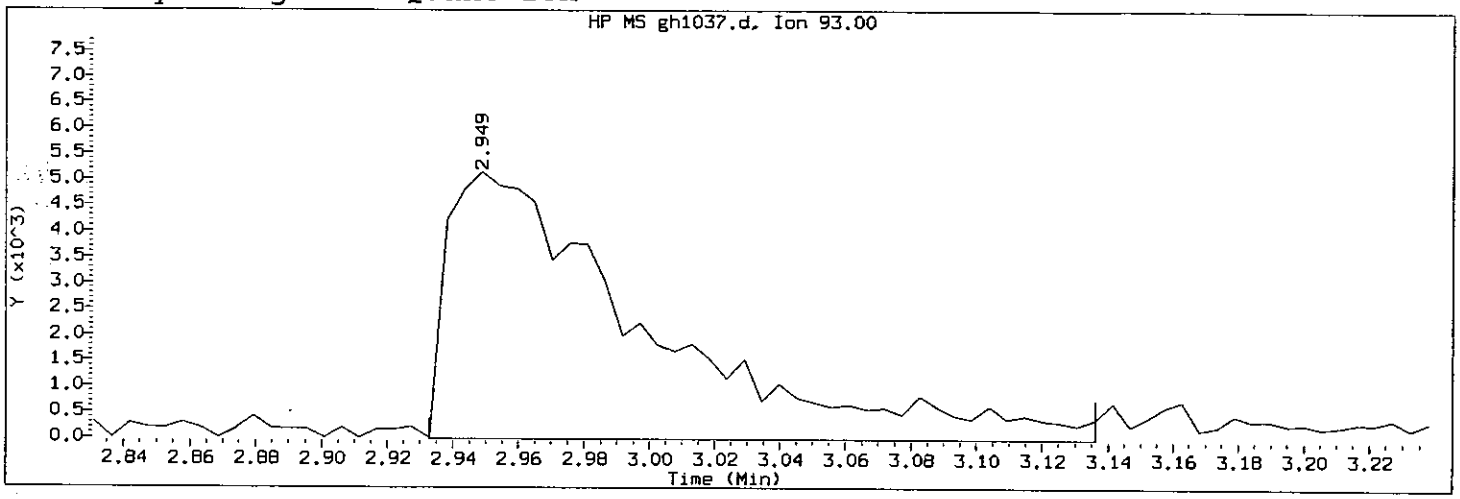
Compound Number	: 5
Compound Name	: 2-Picoline
Scan Number	: 251
Retention Time (minutes)	: 2.879
Quant Ion	: 93
Area	: 597
Concentration (ng/ul)	: 0.0487
Integration start scan	: 248 Integration stop scan: 260
Y at integration start	: 0 Y at integration end: 0

Original Integration Report for data file /chem/HP11165.i/07aug29a.b/gh1037.d, generated on 08/29/2007 at 20:16

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP11165.i/07aug29a.b/gh1037.d Instrument ID: HP11165.i
Injection date and time: 29-AUG-2007 18:46 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07aug29a.b/minti.m Sublist used: all
Calibration date and time: 29-AUG-2007 20:04
Date, time and analyst ID of latest file update: 29-Aug-2007 20:12 gjd01970

Sample Name: SSTD001 Lab Sample ID: 8270MDL2407

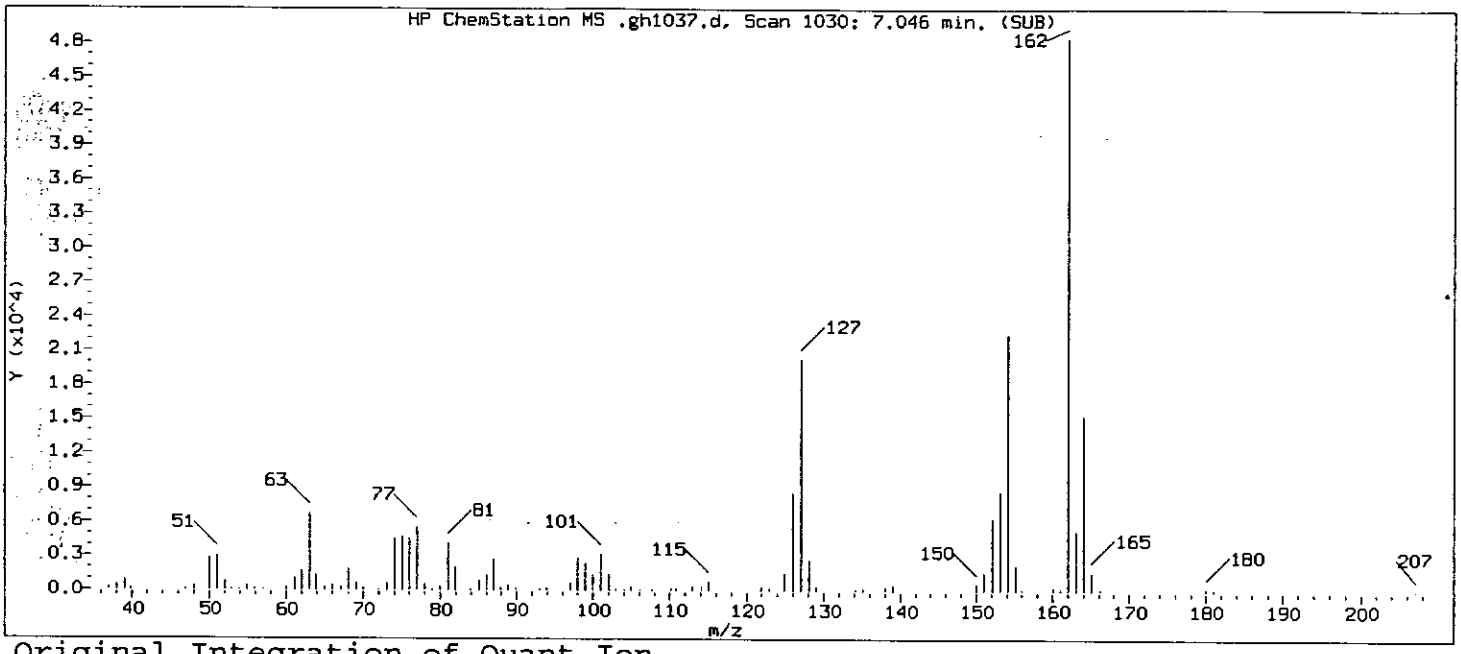
Compound Number	: 5
Compound Name	: 2-Picoline
Scan Number	: 264
Retention Time (minutes)	: 2.949
Quant Ion	: 93
Area (flag)	: 21917AM
Concentration (ng/ul)	: 1.7864
Integration start scan	: 260 Integration stop scan: 298
Y at integration start	: -27 Y at integration end: -27

Reason for manual integration (circle one): missed peak improper integration

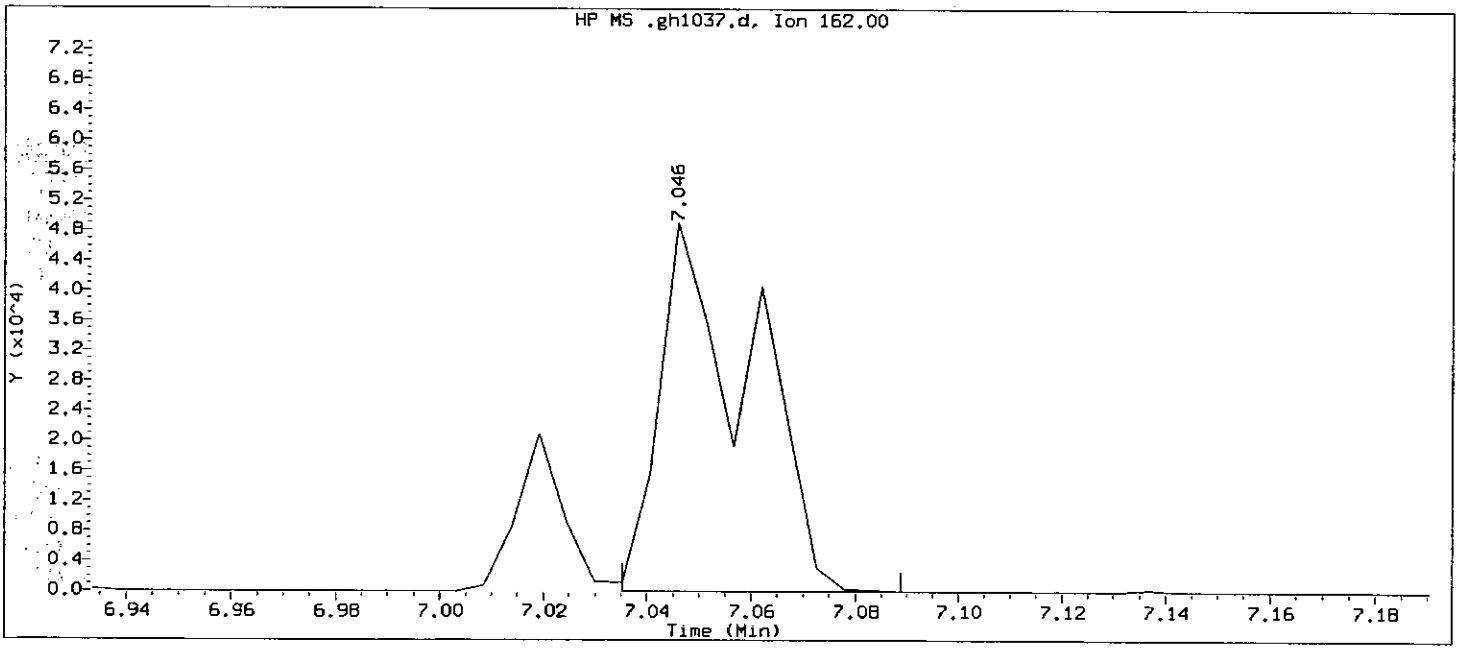
Analyst responsible for change: [signature] 1470 8/29/07

GC/MS audit/management approval: [signature] 8687 8/30/07

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP11165.i/07aug29a.b/gh1037.d Instrument ID: HP11165.i
Injection date and time: 29-AUG-2007 18:46 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07aug29a.b/minti.m Sublist used: all1
Calibration date and time: 29-AUG-2007 20:04
Date, time and analyst ID of latest file update: 29-Aug-2007 20:05 gjd01970

Sample Name: SSTD001 Lab Sample ID: 8270MDL2407

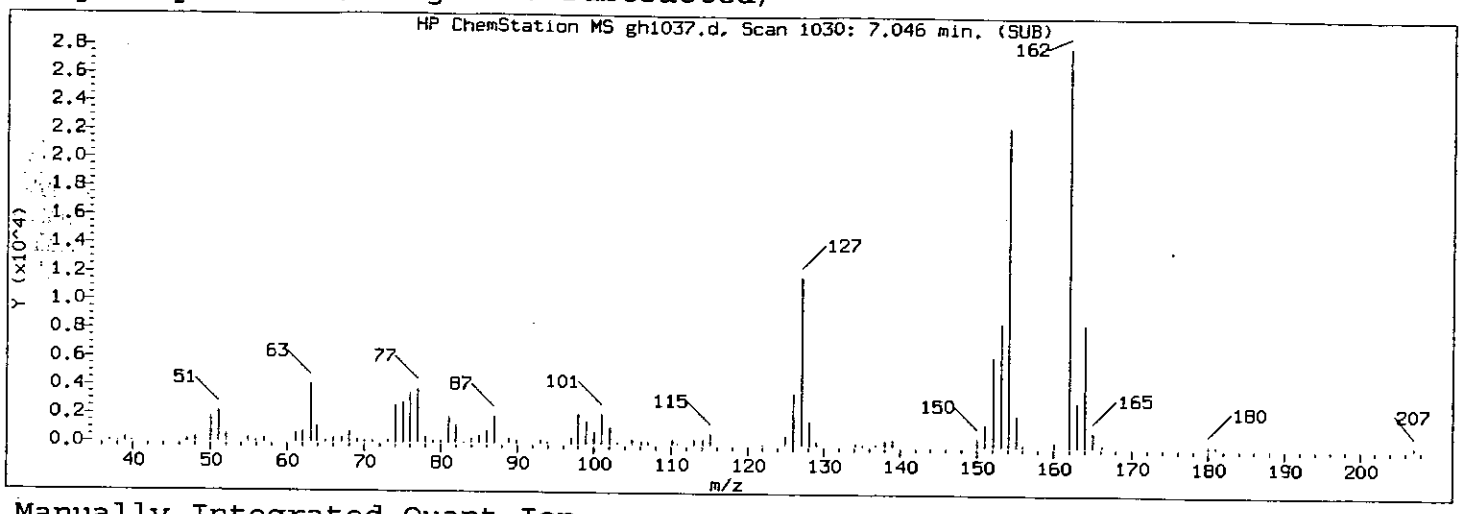
Compound Number	: 83
Compound Name	: 2-Chloronaphthalene
Scan Number	: 1030
Retention Time (minutes)	: 7.046
Quant Ion	: 162
Area	: 59782
Concentration (ng/ul)	: 3.0303
Integration start scan	: 1027 Integration stop scan: 1037
Y at integration start	: 0 Y at integration end: 0

GJ 1970 8/29/07

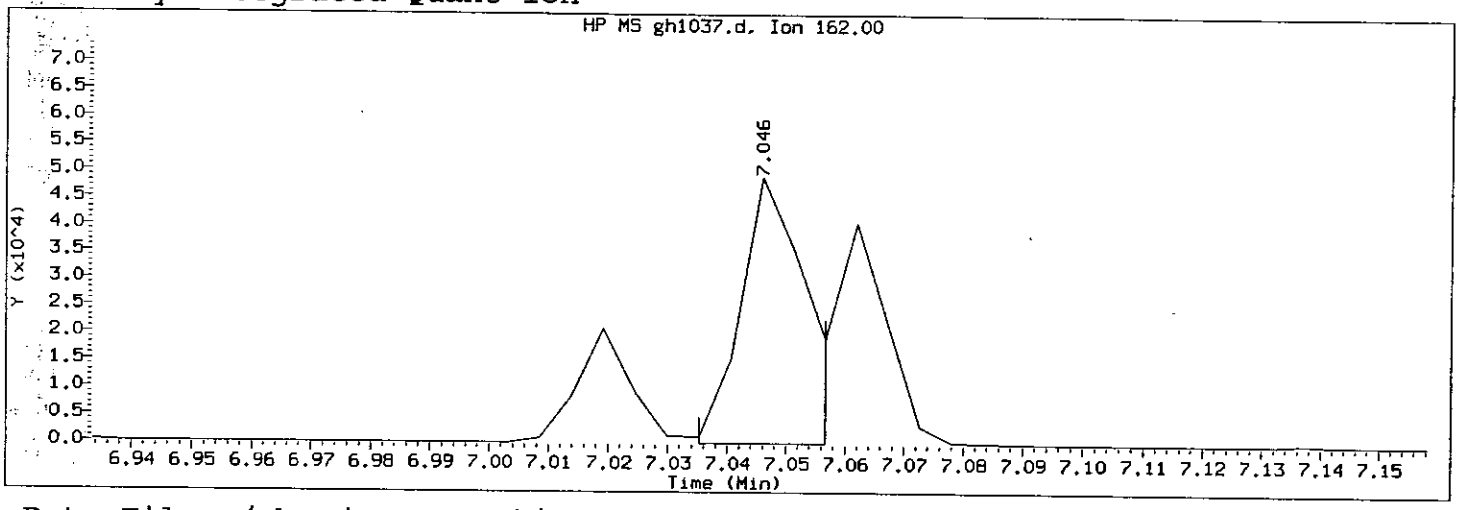
8689

Original Integration Report for data file /chem/HP11165.i/07aug29a.b/gh1037.d, generated on 08/29/2007 at 20:16

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP11165.i/07aug29a.b/gh1037.d Instrument ID: HP11165.i
Injection date and time: 29-AUG-2007 18:46 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07aug29a.b/minti.m Sublist used: all
Calibration date and time: 29-AUG-2007 20:04
Date, time and analyst ID of latest file update: 29-Aug-2007 20:12 gjd01970

Sample Name: SSTD001 Lab Sample ID: 8270MDL2407

Compound Number : 83
Compound Name : 2-Chloronaphthalene
Scan Number : 1030
Retention Time (minutes): 7.046
Quant Ion : 162
Area (flag) : 38854 M
Concentration (ng/ul) : 1.9694
Integration start scan : 1027 Integration stop scan: 1031
Y at integration start : 0 Y at integration end: 0

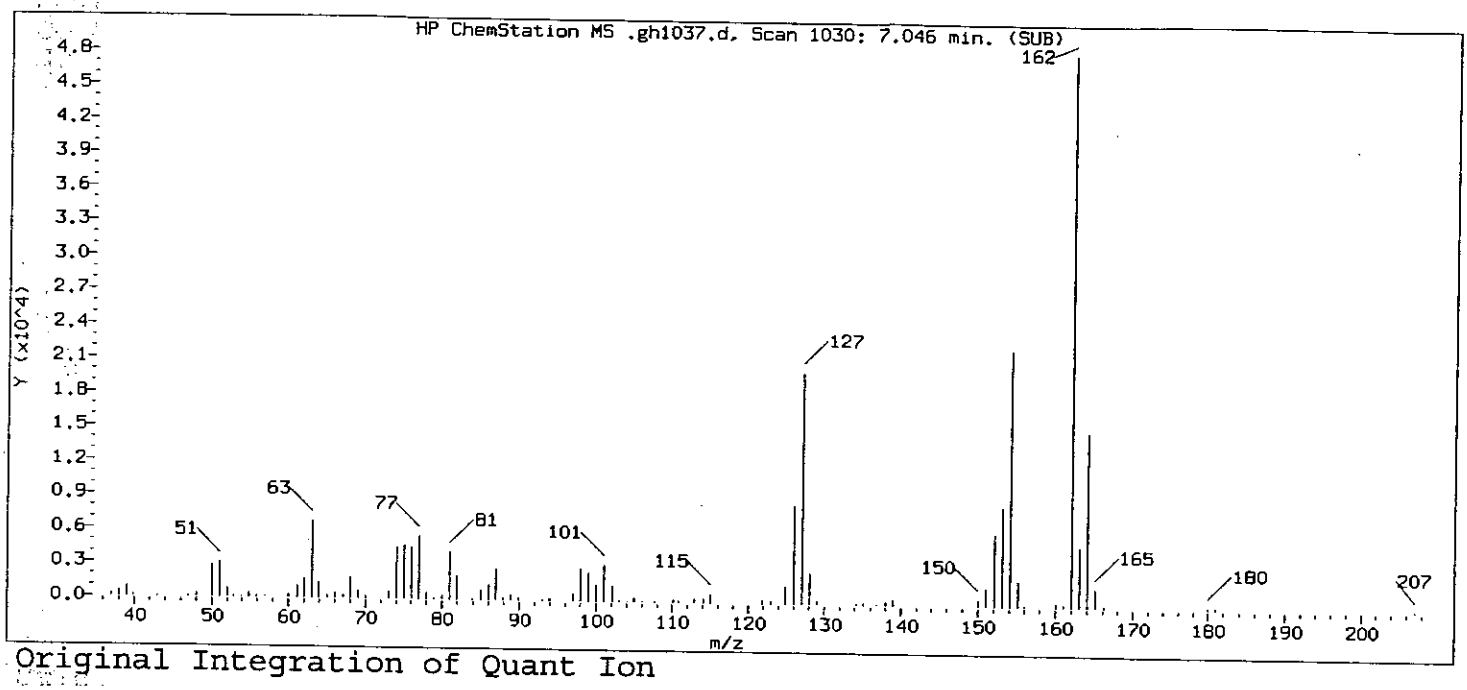
Reason for manual integration (circle one): missed peak (improper integration)

Analyst responsible for change: gjd01970 8/30/07

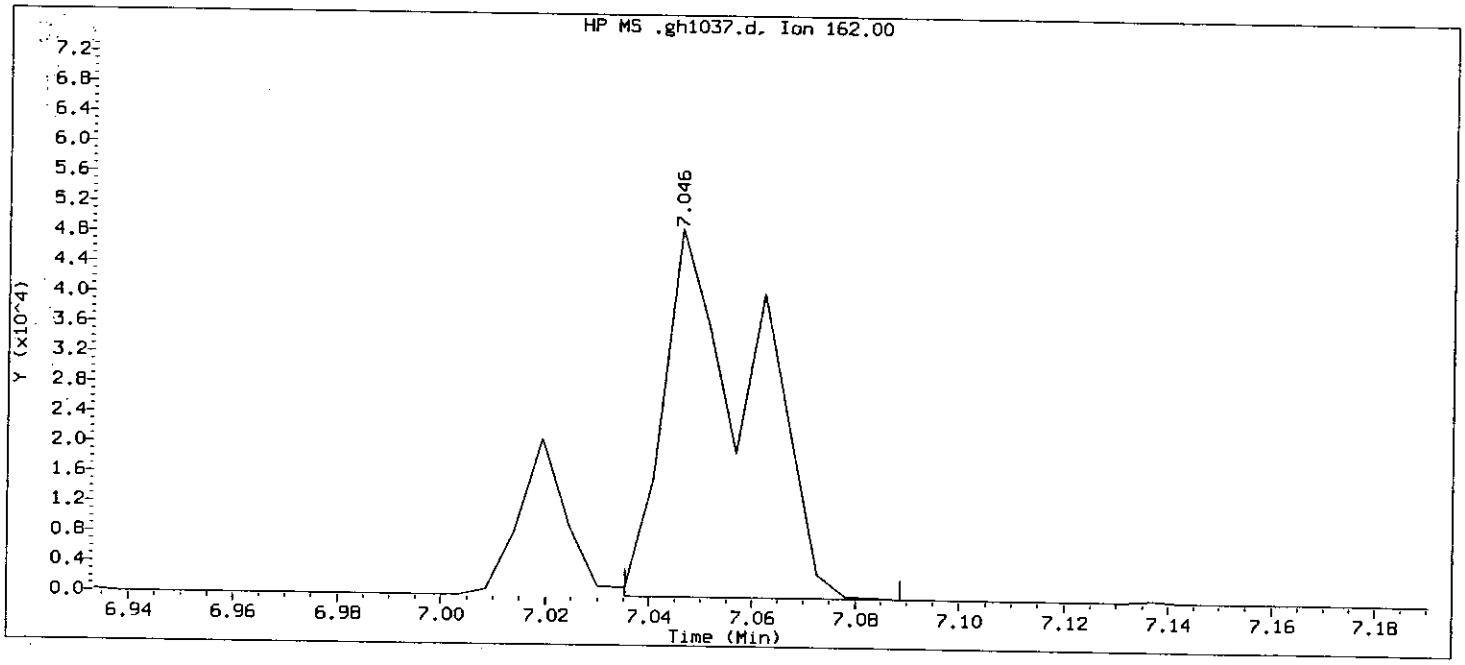
GC/MS audit/management approval: ~~8698~~ 8/30/07

Manual Integration Report for data file /chem/HP11165.i/07aug29a.b/gh1037.d, generated on 08/29/2007 at 20:16

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP11165.i/07aug29a.b/gh1037.d Instrument ID: HP11165.i
Injection date and time: 29-AUG-2007 18:46 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07aug29a.b/minti.m Sublist used: all1
Calibration date and time: 29-AUG-2007 20:04
Date, time and analyst ID of latest file update: 29-Aug-2007 20:05 gjd01970

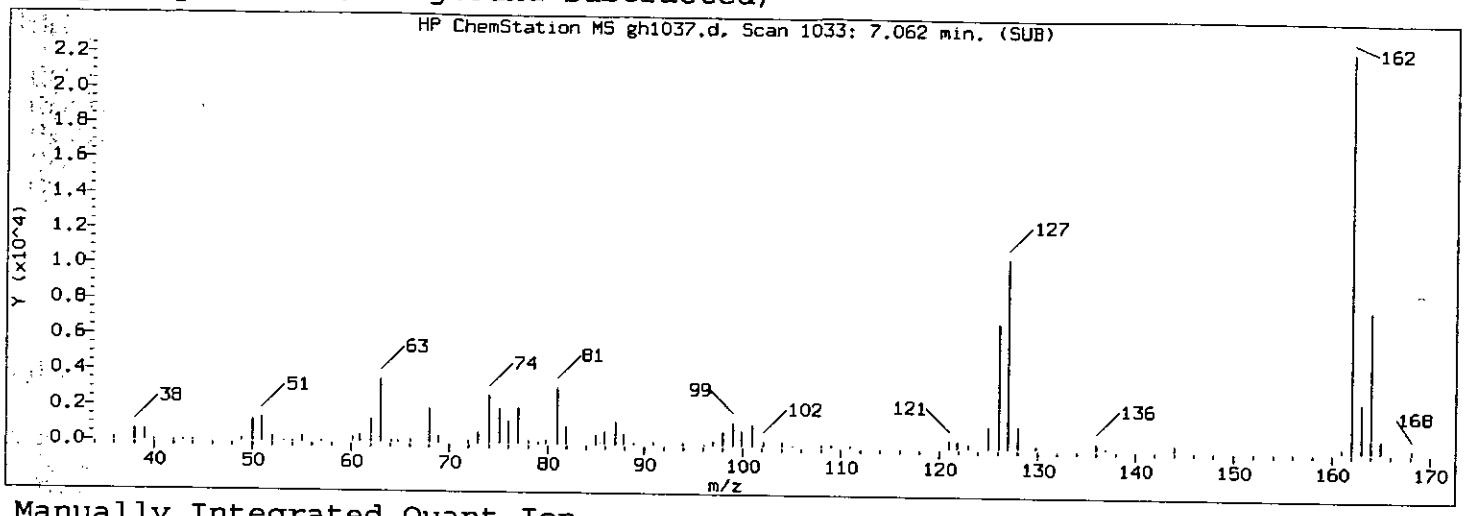
Sample Name: SSTD001 Lab Sample ID: 8270MDL2407

Compound Number	: 84
Compound Name	: 1-Chloronaphthalene
Scan Number	: 1030
Retention Time (minutes)	: 7.046
Quant Ion	: 162
Area	: 59782
Concentration (ng/ul)	: 3.5962
Integration start scan	: 1027 Integration stop scan: 1037
Y at integration start	: 0 Y at integration end: 0

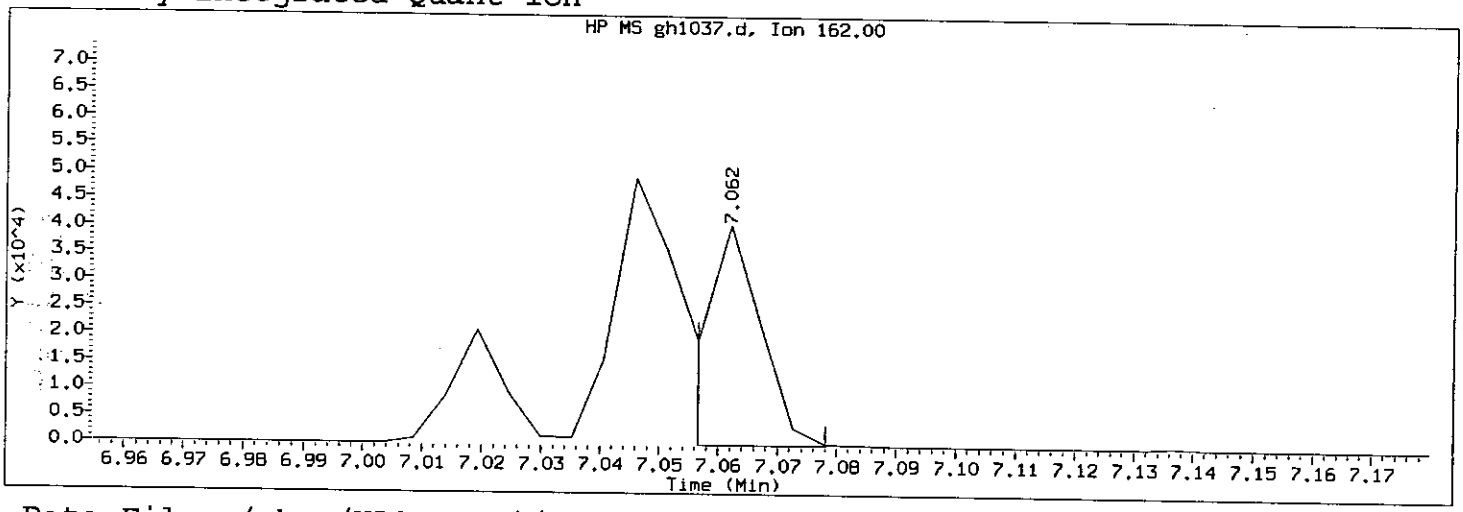
8691

Original Integration Report for data file /chem/HP11165.i/07aug29a.b/gh1037.d, generated on 08/29/2007 at 20:16

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP11165.i/07aug29a.b/gh1037.d Instrument ID: HP11165.i
Injection date and time: 29-AUG-2007 18:46 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07aug29a.b/minti.m Sublist used: all1
Calibration date and time: 29-AUG-2007 20:04
Date, time and analyst ID of latest file update: 29-Aug-2007 20:12 gjd01970

Sample Name: SSTD001 Lab Sample ID: 8270MDL2407

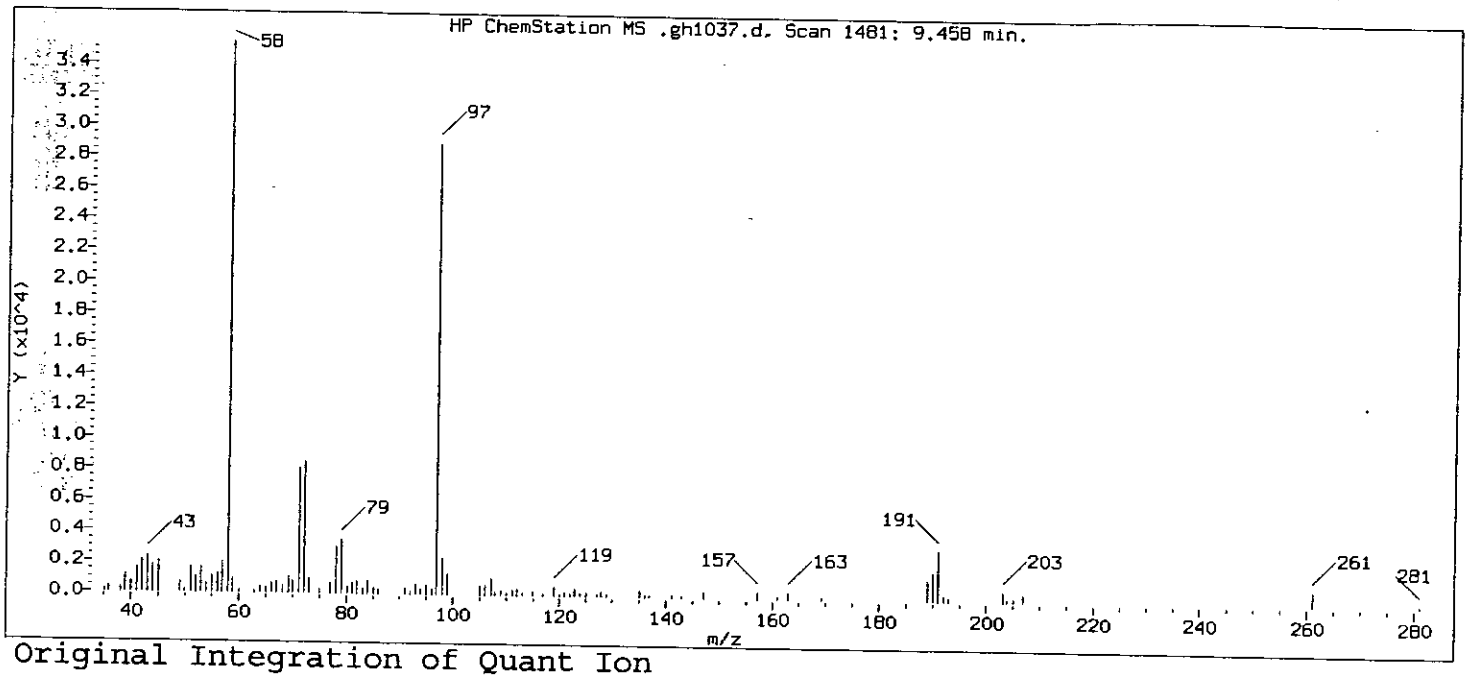
Compound Number	: 84
Compound Name	: 1-Chloronaphthalene
Scan Number	: 1033
Retention Time (minutes)	: 7.062
Quant Ion	: 162
Area (flag)	: 27216 M
Concentration (ng/ul)	: 1.6372
Integration start scan	: 1031 Integration stop scan: 1035
Y at integration start	: 21 Y at integration end: 21

Reason for manual integration (circle one): missed peak (improper integration)

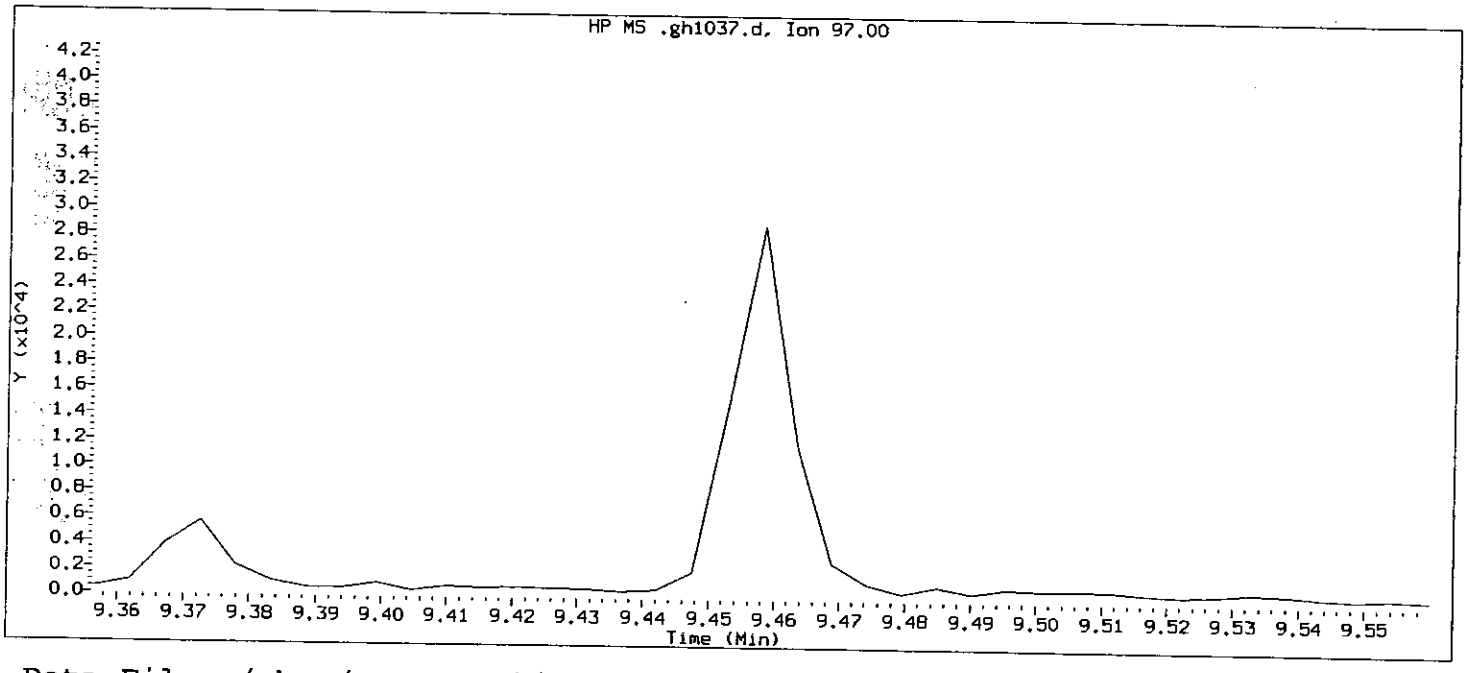
Analyst responsible for change: gjd1970 8/29/07

GC/MS audit/management approval: [illegible] 8/30/07

Sample Spectrum



Original Integration of Quant Ion



Data File: /chem/HP11165.i/07aug29a.b/gh1037.d
Injection date and time: 29-AUG-2007 18:46

Instrument ID: HP11165.i
Analyst ID: gjd01970

Method used: /chem/HP11165.i/07aug29a.b/minti.m
Calibration date and time: 29-AUG-2007 20:04

Sublist used: all1

Date, time and analyst ID of latest file update: 29-Aug-2007 20:05 gjd01970

Sample Name: SSTD001

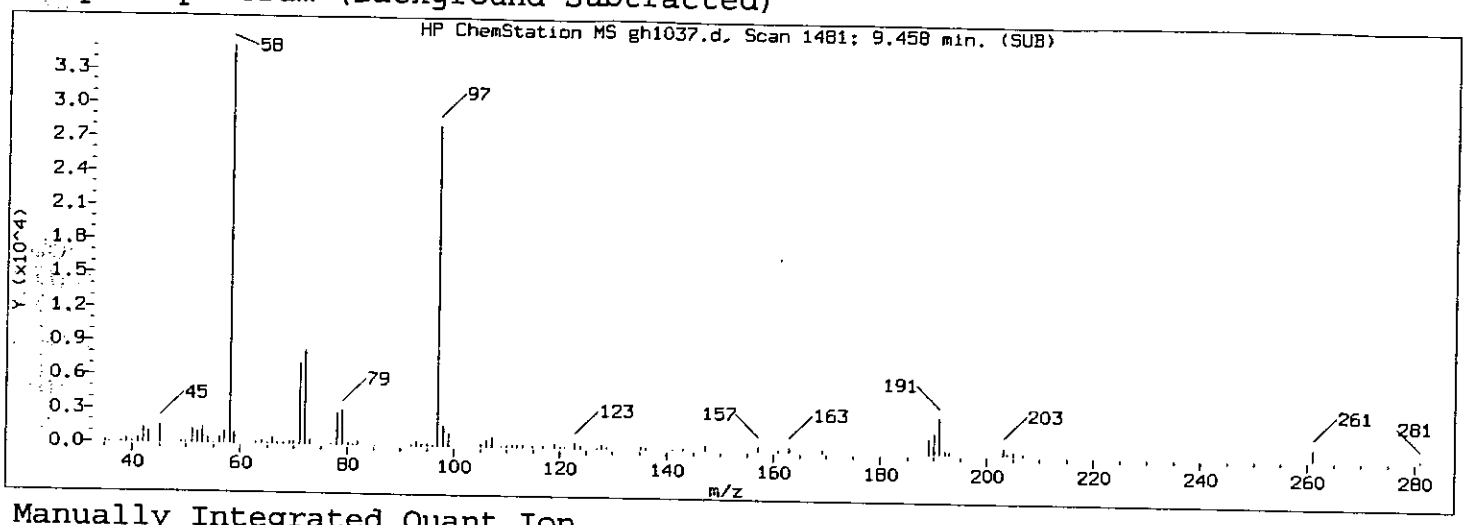
Lab Sample ID: 8270MDL2407

Compound Number : 144
Compound Name : Methapyrilene
Expected RT (minutes) : 9.458
Quant Ion : 97

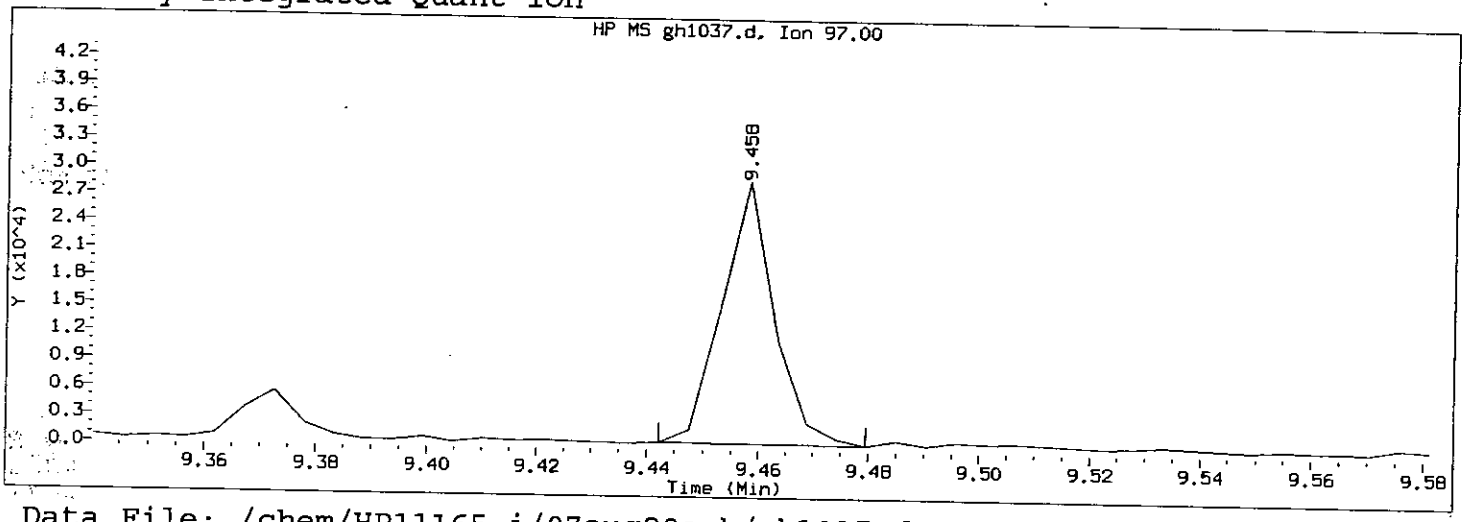
GJ 8/29/07

8693

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP11165.i/07aug29a.b/gh1037.d Instrument ID: HP11165.i
Injection date and time: 29-AUG-2007 18:46 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07aug29a.b/minti.m Sublist used: all1
Calibration date and time: 29-AUG-2007 20:04
Date, time and analyst ID of latest file update: 29-Aug-2007 20:12 gjd01970

Sample Name: SSTD001 Lab Sample ID: 8270MDL2407

Compound Number	: 144	
Compound Name	: Methapyrilene	
Scan Number	: 1481	
Retention Time (minutes)	: 9.458	
Quant Ion	: 97	
Area (flag)	: 18679	M
Concentration (ng/ul)	: 0.0000	
Integration start scan	: 1477	Integration stop scan: 1484
Y at integration start	: 591	Y at integration end: 511

Reason for manual integration (circle one): missed peak (improper integration)

Analyst responsible for change: gjd 1970 8/29/07

GC/MS audit/management approval: 8694 8/30/07

Manual Integration Report for data file /chem/HP11165.i/07aug29a.b/gh1037.d, generated on 08/29/2007 at 20:16

Lancaster Laboratories, Inc.
Semi Volatile Initial Calibration Verification

LAB NAME: LANCASTER LABS LAB CODE: LANCAS INSTRUMENT: HP11165

Method: SW-846 8270C File ID: gh1038.d

ICV SAMPLE ID: ICV1387 BATCH: 07AUG29A026 Sample Name: SSTD050

COMPOUND NAME	TRUE CONC.	ACTUAL CONC.	% DRIFT	%D window	INSPEC
1,4-Dioxane	50.00	47.30	-5	20	YES
N-Nitrosodimethylamine	50.00	50.50	1	20	YES
Pyridine	50.00	44.42	-11	20	YES
2-Picoline	50.00	51.24	2	20	YES
N-Nitrosomethylethylamine	50.00	47.22	-6	20	YES
Methyl methanesulfonate	50.00	41.88	-16	20	YES
2-Fluorophenol	50.00	47.25	-6	20	YES
N-Nitrosodiethylamine	50.00	49.31	-1	20	YES
Ethyl methanesulfonate	50.00	49.30	-1	20	YES
Aniline	50.00	44.54	-11	20	YES
Phenol-d5	50.00	46.73	-7	20	YES
Phenol-d6	50.00	46.73	-7	20	YES
Phenol	50.00	48.96	-2	20	YES
Pentachloroethane	50.00	49.32	-1	20	YES
bis(2-Chloroethyl)ether	50.00	48.18	-4	20	YES
2-Chlorophenol	50.00	48.99	-2	20	YES
1,3-Dichlorobenzene	50.00	49.03	-2	20	YES
1,4-Dichlorobenzene	50.00	49.64	-1	20	YES
Benzyl alcohol	50.00	45.20	-10	20	YES
1,2-Dichlorobenzene	50.00	47.99	-4	20	YES
2-Methylphenol	50.00	45.41	-9	20	YES
2,2'-oxybis(1-Chloropropane	50.00	56.90	14	20	YES
bis(2-Chloroisopropyl)ether	50.00	56.85	14	20	YES
N-Nitrosopyrrolidine	50.00	47.91	-4	20	YES
Acetophenone	50.00	48.65	-3	20	YES
N-Nitroso-di-n-propylamine	50.00	47.67	-5	20	YES
N-Nitrosomorpholine	50.00	47.35	-5	20	YES
4-Methylphenol	50.00	46.83	-6	20	YES
o-Toluidine	50.00	46.80	-6	20	YES
Hexachloroethane	50.00	48.86	-2	20	YES
Nitrobenzene-d5	50.00	49.37	-1	20	YES
Nitrobenzene	50.00	48.99	-2	20	YES
N-Nitrosopiperidine	50.00	49.42	-1	20	YES
Isophorone	50.00	43.18	-14	20	YES
2-Nitrophenol	50.00	55.42	11	20	YES
2,4-Dimethylphenol	50.00	49.06	-2	20	YES
O,O,O-triethylphosphorothio	50.00	47.83	-4	20	YES

Comments: NC = Could not calculate

mp1758
8/29/07

Lancaster Laboratories, Inc.
Semi Volatile Initial Calibration Verification

LAB NAME: LANCASTER LABS LAB CODE: LANCAS INSTRUMENT: HP11165

Method: SW-846 8270C File ID: gh1038.d

ICV SAMPLE ID: ICV1387 BATCH: 07AUG29A026 Sample Name: SSTD050

COMPOUND NAME	TRUE CONC.	ACTUAL CONC.	% DRIFT	%D Window	INSPEC
bis(2-Chloroethoxy)methane	50.00	55.78	12	20	YES
Benzoic acid	50.00	57.81	16	20	YES
2,4-Dichlorophenol	50.00	49.84	0	20	YES
1,2,4-Trichlorobenzene	50.00	50.35	1	20	YES
Naphthalene	50.00	50.19	0	20	YES
4-Chloroaniline	50.00	50.26	1	20	YES
2,6-Dichlorophenol	50.00	48.38	-3	20	YES
Hexachloropropene	50.00	52.85	6	20	YES
Hexachlorobutadiene	50.00	51.83	4	20	YES
Caprolactam	50.00	49.55	-1	20	YES
N-Nitrosodi-n-butylamine	50.00	54.97	10	20	YES
4-Chloro-3-methylphenol	50.00	50.51	1	20	YES
Safrole	50.00	50.95	2	20	YES
2-Methylnaphthalene	50.00	48.24	-4	20	YES
1-Methylnaphthalene	50.00	47.04	-6	20	YES
Hexachlorocyclopentadiene	100.00	130.20	30	20	NO
1,2,4,5-Tetrachlorobenzene	50.00	49.28	-1	20	YES
cis-Isosafrole	50.00	8.07	-84	20	NO
2,4,6-Trichlorophenol	50.00	50.32	1	20	YES
2,4,5-Trichlorophenol	50.00	47.47	-5	20	YES
2-Fluorobiphenyl	50.00	48.91	-2	20	YES
trans-Isosafrole	50.00	41.64	-17	20	YES
Isosafrole	50.00	46.79	-6	20	YES
Biphenyl	50.00	49.62	-1	20	YES
Diphenyl	50.00	49.62	-1	20	YES
1,1'-Biphenyl	50.00	49.62	-1	20	YES
2-Chloronaphthalene	50.00	40.40	-19	20	YES
1-Chloronaphthalene	50.00	.00	0	20	YES
Diphenyl ether	50.00	47.22	-6	20	YES
2-Nitroaniline	50.00	52.84	6	20	YES
1,4-Naphthoquinone	550.00	544.92	-1	20	YES
1,4-Dinitrobenzene	50.00	46.89	-6	20	YES
Dimethylphthalate	50.00	48.49	-3	20	YES
1,3-Dinitrobenzene	50.00	54.67	9	20	YES
2,6-Dinitrotoluene	50.00	51.25	2	20	YES
Acenaphthylene	50.00	56.30	13	20	YES
3-Nitroaniline	50.00	52.52	5	20	YES

Comments: NC = Could not calculate

Lancaster Laboratories, Inc.
Semi Volatile Initial Calibration Verification

LAB NAME: LANCASTER LABS LAB CODE: LANCAS INSTRUMENT: HP11165

Method: SW-846 8270C File ID: gh1038.d

ICV SAMPLE ID: ICV1387 BATCH: 07AUG29A026 Sample Name: SSTD050

COMPOUND NAME	TRUE CONC.	ACTUAL CONC.	% DRIFT	%D window	INSPEC
Acenaphthene	50.00	49.98	0	20	YES
2,4-Dinitrophenol	50.00	53.50	7	20	YES
Pentachlorobenzene	50.00	50.49	1	20	YES
4-Nitrophenol	50.00	52.16	4	20	YES
Dibenzofuran	50.00	48.82	-2	20	YES
2,4-Dinitrotoluene	50.00	53.24	6	20	YES
1-Naphthylamine	50.00	46.23	-8	20	YES
2,3,4,6-Tetrachlorophenol	50.00	51.03	2	20	YES
2-Naphthylamine	50.00	44.69	-11	20	YES
Diethylphthalate	50.00	48.61	-3	20	YES
Thionazin	50.00	46.67	-7	20	YES
Fluorene	50.00	49.95	0	20	YES
4-Chlorophenyl-phenylether	50.00	49.09	-2	20	YES
5-Nitro-o-toluidine	50.00	51.81	4	20	YES
4-Nitroaniline	50.00	50.66	1	20	YES
4,6-Dinitro-2-methylphenol	50.00	52.42	5	20	YES
1-Nitronaphthalene	50.00	51.84	4	20	YES
N-Nitrosodiphenylamine	50.00	48.18	-4	20	YES
1,2-Diphenylhydrazine	50.00	51.00	2	20	YES
2,4,6-Tribromophenol	50.00	50.47	1	20	YES
Tetraethyldithiopyrophospha	50.00	47.69	-5	20	YES
1,3,5-Trinitrobenzene	50.00	51.03	2	20	YES
Diallate (peak 1)	50.00	36.01	-28	20	NO
Phorate	50.00	49.28	-1	20	YES
Phenacetin	50.00	51.27	3	20	YES
4-Bromophenyl-phenylether	50.00	50.74	1	20	YES
Diallate (peak 2)	50.00	13.25	-74	20	NO
Hexachlorobenzene	50.00	50.01	0	20	YES
Dimethoate	50.00	48.76	-2	20	YES
Diallate TRANS/CIS	50.00	49.28	-1	20	YES
Pentachlorophenol	50.00	50.21	0	20	YES
Pentachloronitrobenzene	50.00	50.42	1	20	YES
4-Aminobiphenyl	50.00	61.08	22	20	NO
Pronamide	50.00	49.16	-2	20	YES
Dinoseb	50.00	53.02	6	20	YES
Phenanthrene	50.00	49.51	-1	20	YES
Anthracene	50.00	50.21	0	20	YES

NC = Could not calculate

Comments: _____

Lancaster Laboratories, Inc.
Semi Volatile Initial Calibration Verification

LAB NAME: LANCASTER LABS LAB CODE: LANCAS INSTRUMENT: HP11165

Method: SW-846 8270C File ID: gh1038.d

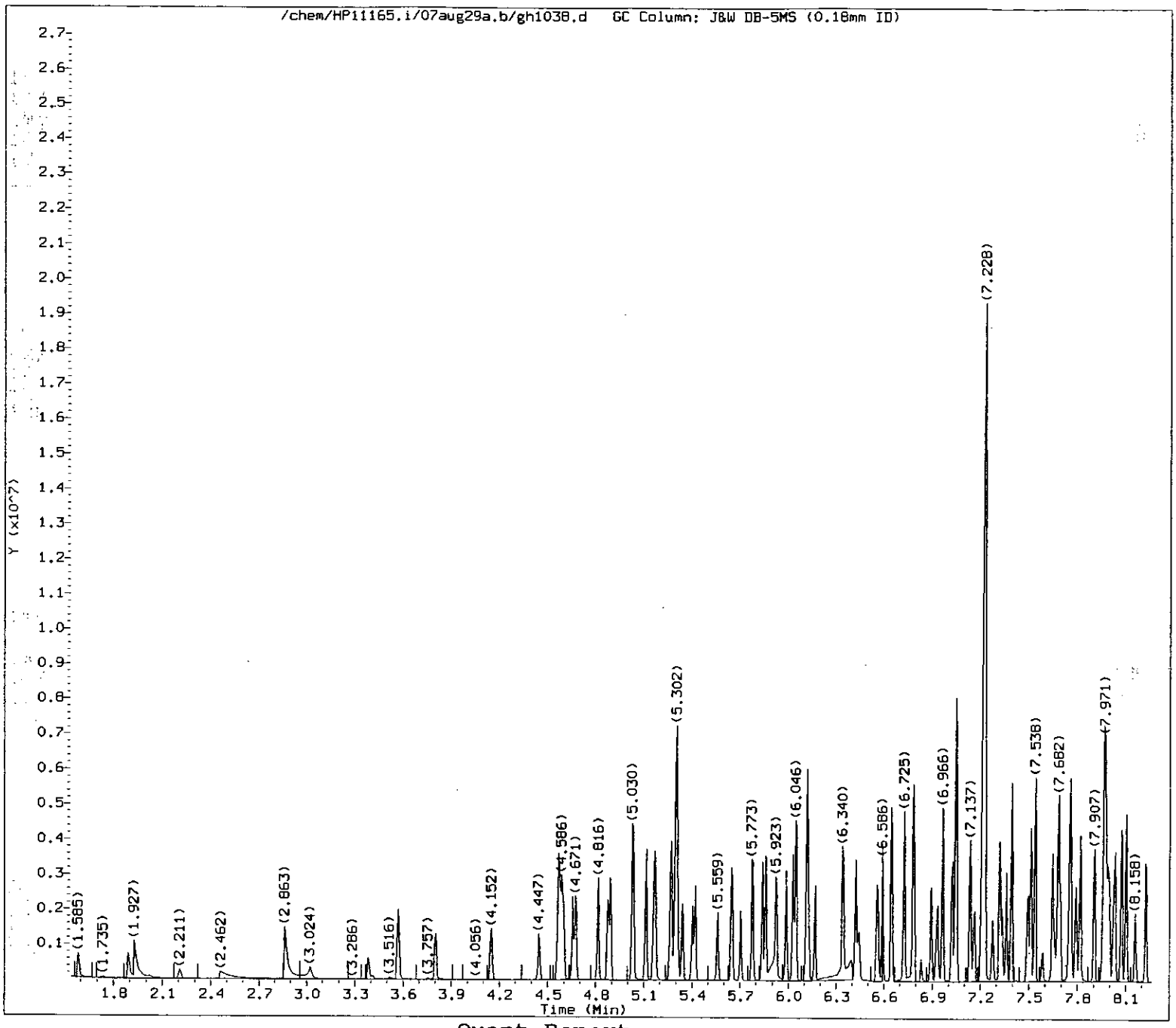
ICV SAMPLE ID: ICV1387 BATCH: 07AUG29A026 Sample Name: SSTD050

COMPOUND NAME	TRUE CONC.	ACTUAL CONC.	% DRIFT	%D window	INSPEC
Carbazole	50.00	51.92	4	20	YES
Methyl parathion	50.00	54.68	9	20	YES
Di-n-butylphthalate	50.00	51.80	4	20	YES
Parathion	50.00	50.68	1	20	YES
4-Nitroquinoline-1-oxide	550.00	856.69	56	20	NO
Methapyrilene	50.00	4.45	-91	20	NO
Isodrin	50.00	48.73	-3	20	YES
Fluoranthene	50.00	47.33	-5	20	YES
Benzidine	250.00	230.91	-8	20	YES
Pyrene	50.00	48.94	-2	20	YES
Terphenyl-d14	50.00	49.03	-2	20	YES
p-Dimethylaminoazobenzene	50.00	50.04	0	20	YES
Chlorobenzilate	50.00	48.84	-2	20	YES
3,3'-Dimethylbenzidine	50.00	51.67	3	20	YES
Butylbenzylphthalate	50.00	48.95	-2	20	YES
2-Acetylaminofluorene	50.00	46.67	-7	20	YES
3,3'-Dichlorobenzidine	50.00	49.24	-2	20	YES
4,4'-Methylenebis(2-Chloroa	50.00	46.47	-7	20	YES
Benzo(a)anthracene	50.00	49.49	-1	20	YES
Chrysene	50.00	49.51	-1	20	YES
bis(2-Ethylhexyl)phthalate	50.00	49.16	-2	20	YES
Di-n-octylphthalate	50.00	50.49	1	20	YES
7,12-Dimethylbenz[a]anthrac	50.00	46.25	-8	20	YES
Benzo(b)fluoranthene	50.00	49.39	-1	20	YES
Benzo(k)fluoranthene	50.00	48.10	-4	20	YES
Benzo(a)pyrene	50.00	49.83	0	20	YES
3-Methylcholanthrene	50.00	47.83	-4	20	YES
Indeno(1,2,3-cd)pyrene	50.00	49.03	-2	20	YES
Dibenz(a,h)anthracene	50.00	52.79	6	20	YES
Benzo(g,h,i)perylene	50.00	49.99	0	20	YES
6-Methylchrysene	50.00	50.67	1	20	YES
Dibenz(a,h)acridine	50.00	50.66	1	20	YES
Dibenz(a,j)acridine	50.00	52.44	5	20	YES
Hexabromobenzene	50.00	.00	0	20	YES
Ronnel	50.00	2.90	-94	20	NO

NC = Could not calculate

Comments: _____

8698



Quant Report

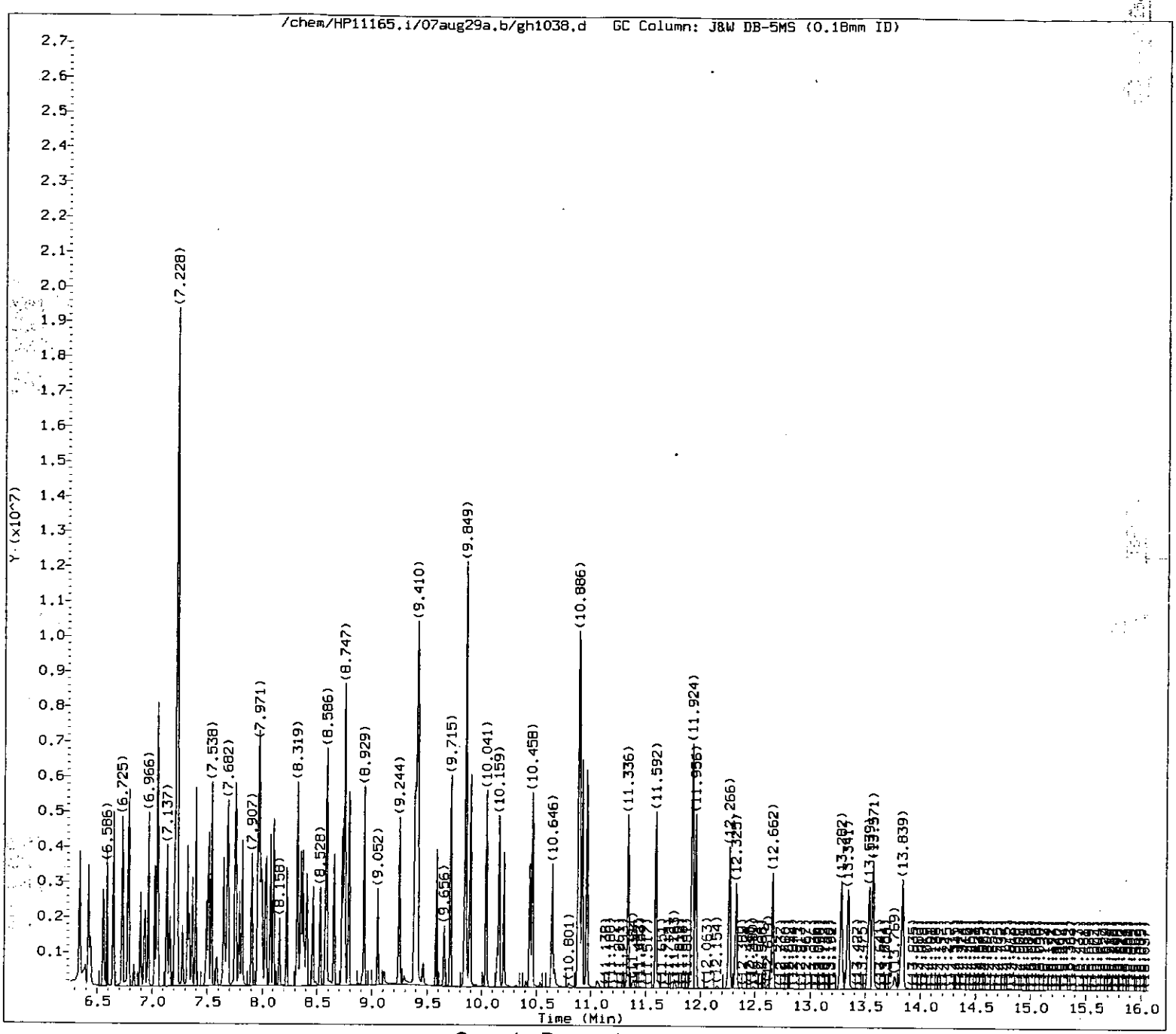
Target Revision 3.5

Data File: /chem/HP11165.i/07aug29a.b/gh1038.d Instrument ID: HP11165.i
Injection date and time: 29-AUG-2007 19:10 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07aug29a.b/minti.m Sublist used: all1
Calibration date and time: 29-AUG-2007 20:04
Date, time and analyst ID of latest file update: 29-Aug-2007 20:17 gjd01970

Sample Name: SSTD050 Lab Sample ID: ICV1387

8699 GJH7a 8/29/17



Quant Report

Target Revision 3.5

Data File: /chem/HP11165.i/07aug29a.b/gh1038.d Instrument ID: HP11165.i
Injection date and time: 29-AUG-2007 19:10 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07aug29a.b/minti.m Sublist used: all1
Calibration date and time: 29-AUG-2007 20:04
Date, time and analyst ID of latest file update: 29-Aug-2007 20:17 gjd01970

Sample Name: SSTD050 Lab Sample ID: ICV1387

8780 GSM 8/30/07

Quant Report

Target Revision 3.5

Data File: /chem/HP11165.i/07aug29a.b/gh1038.d Instrument ID: HP11165.i
Injection date and time: 29-AUG-2007 19:10 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07aug29a.b/minti.m Sublist used: all1
Calibration date and time: 29-AUG-2007 20:04
Date, time and analyst ID of latest file update: 29-Aug-2007 20:17 gjd01970

Sample Name: SSTD050 Lab Sample ID: ICV1387

	Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
1)	1,4-Dioxane	(1)	1.585	88	248448	47.303
2)	N-Nitrosodimethylamine	(1)	1.890	74	416973	50.496
3)	Pyridine	(1)	1.927	79	655299	44.418
5)	2-Picoline	(1)	2.863	93	726410	51.236
6)	N-Nitrosomethylethylamine	(1)	3.024	88	328947	47.216
7)	Methyl methanesulfonate	(1)	3.382	80	221565	41.884
10)	N-Nitrosodiethylamine	(1)	3.805	102	319445	49.309
11)	Ethyl methanesulfonate	(1)	4.152	109	308972	49.302
13)	Aniline	(1)	4.564	93	1000900	44.541
16)	Phenol	(1)	4.586	94	876614	48.965
17)	Pentachloroethane	(1)	4.596	167	177205	49.322
18)	bis(2-Chloroethyl)ether	(1)	4.655	93	681697	48.176
19)	2-Chlorophenol	(1)	4.671	128	547522	48.992
20)	1,3-Dichlorobenzene	(1)	4.816	146	521242	49.033
21)	1,4-Dichlorobenzene-d4	(1)	4.874	152	279576	40.000
22)	1,4-Dichlorobenzene	(1)	4.890	146	543994	49.635
24)	Benzyl alcohol	(1)	5.035	108	412065	45.195
25)	1,2-Dichlorobenzene	(1)	5.030	146	492818	47.992
26)	2-Methylphenol	(1)	5.169	108	567724	45.414
27)	2,2'-oxybis(1-Chloropropane)	(1)	5.163	45	761487M	56.901
28)	bis(2-Chloroisopropyl)ether	(1)	5.163	45	760828M	56.852
29)	N-Nitrosopyrrolidine	(1)	5.265	100	346345	47.909
30)	Acetophenone	(1)	5.270	105	866582	48.646
31)	N-Nitroso-di-n-propylamine	(1)	5.297	70	494607	47.667
32)	N-Nitrosomorpholine	(1)	5.302	56	346125	47.353
33)	4-Methylphenol	(1)	5.308	108	650696	46.825
34)	o-Toluidine	(1)	5.302	106	956059	46.801
37)	Hexachloroethane	(1)	5.340	117	210792	48.857
39)	Nitrobenzene	(2)	5.420	77	687043	48.987
40)	N-Nitrosopiperidine	(2)	5.559	114	333278	49.424
41)	Isophorone	(2)	5.645	82	1290108	43.179
42)	2-Nitrophenol	(2)	5.703	139	268452	55.419
44)	2,4-Dimethylphenol	(2)	5.773	107	618842	49.057
45)	O,O,O-triethylphosphorothioate	(2)	5.843	198	242941	47.832
46)	bis(2-Chloroethoxy)methane	(2)	5.859	93	817200	55.784
47)	Benzoic acid	(2)	5.912	105	455830	57.812
49)	2,4-Dichlorophenol	(2)	5.923	162	419480	49.838
50)	1,2,4-Trichlorobenzene	(2)	5.987	180	426396	50.350
52)	Naphthalene-d8	(2)	6.030	136	1200328	40.000
53)	Naphthalene	(2)	6.046	128	1708303	50.191
55)	4-Chloroaniline	(2)	6.115	127	702513	50.263
56)	2,6-Dichlorophenol	(2)	6.115	162	387912	48.383
57)	Hexachloropropene	(2)	6.126	213	257800	52.855

M = Compound was manually integrated. A = User selected an alternate hit

Quant Report

Target Revision 3.5

Data File: /chem/HP11165.i/07aug29a.b/gh1038.d Instrument ID: HP11165.i
Injection date and time: 29-AUG-2007 19:10 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07aug29a.b/minti.m Sublist used: all1
Calibration date and time: 29-AUG-2007 20:04
Date, time and analyst ID of latest file update: 29-Aug-2007 20:17 gjd01970

Sample Name: SSTD050 Lab Sample ID: ICV1387

	Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
59)	Hexachlorobutadiene	(2)	6.169	225	235513	51.830
62)	Caprolactam	(2)	6.442	113	240823	49.551
63)	N-Nitrosodi-n-butylamine	(2)	6.420	84	665392	54.968
67)	4-Chloro-3-methylphenol	(2)	6.554	107	575248	50.508
68)	Safrole	(2)	6.591	162	421955	50.946
69)	2-Methylnaphthalene	(2)	6.645	142	1047030	48.238
70)	1-Methylnaphthalene	(2)	6.725	142	986017	47.039
71)	Hexachlorocyclopentadiene	(3)	6.784	237	420288	130.202
72)	1,2,4,5-Tetrachlorobenzene	(3)	6.789	216	421393	49.282
73)	cis-Isosafrole	(3)	6.832	162	66498	8.073
74)	2,4,6-Trichlorophenol	(3)	6.896	196	297520	50.318
76)	2,4,5-Trichlorophenol	(3)	6.934	196	327821	47.475
78)	trans-Isosafrole	(3)	7.025	162	442956	41.639
79)	Isosafrole	(3)	7.025	162	442956	46.785
80)	Biphenyl	(3)	7.046	154	1327763	49.618
81)	Diphenyl	(3)	7.046	154	1327763	49.618
82)	1,1'-Biphenyl	(3)	7.046	154	1327763	49.618
83)	2-Chloronaphthalene	(3)	7.051	162	926221	40.403
87)	Diphenyl ether	(3)	7.137	170	696254	47.216
88)	2-Nitroaniline	(3)	7.164	138	349996	52.835
89)	1,4-Naphthoquinone	(3)	7.228	158	4516164	544.920
90)	1,4-Dinitrobenzene	(3)	7.276	168	147030	46.890
91)	Dimethylphthalate	(3)	7.319	163	1133381	48.492
92)	1,3-Dinitrobenzene	(3)	7.335	168	198273	54.668
93)	2,6-Dinitrotoluene	(3)	7.362	165	256871	51.246
94)	Acenaphthylene	(3)	7.394	152	1795081	56.301
96)	3-Nitroaniline	(3)	7.495	138	319088	52.517
97)	Acenaphthene-d10	(3)	7.511	164	708818	40.000
98)	Acenaphthene	(3)	7.538	153	1064634	49.981
99)	2,4-Dinitrophenol	(3)	7.586	184	105091	53.500
100)	Pentachlorobenzene	(3)	7.645	250	423580	50.492
102)	4-Nitrophenol	(3)	7.656	109	184333	52.159
103)	Dibenzofuran	(3)	7.682	168	1531883	48.817
104)	2,4-Dinitrotoluene	(3)	7.693	165	329363	53.242
105)	1-Naphthylamine	(3)	7.752	143	1060462	46.228
106)	2,3,4,6-Tetrachlorophenol	(3)	7.789	232	249586	51.034
107)	2-Naphthylamine	(3)	7.816	143	1058997	44.694
108)	Diethylphthalate	(3)	7.907	149	1229908	48.605
109)	Thionazin	(3)	7.971	107	250684	46.666
110)	Fluorene	(3)	7.961	166	1270705	49.947
111)	4-Chlorophenyl-phenylether	(3)	7.977	204	572642	49.091
112)	5-Nitro-o-toluidine	(3)	7.987	152	362112	51.815
113)	4-Nitroaniline	(3)	7.998	138	344226	50.658

M = Compound was manually integrated. A = User selected an alternate hit

Quant Report

Target Revision 3.5

Data File: /chem/HP11165.i/07aug29a.b/gh1038.d Instrument ID: HP11165.i
Injection date and time: 29-AUG-2007 19:10 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07aug29a.b/minti.m Sublist used: all1
Calibration date and time: 29-AUG-2007 20:04
Date, time and analyst ID of latest file update: 29-Aug-2007 20:17 gjd01970

Sample Name: SSTD050 Lab Sample ID: ICV1387

	Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
114)	4,6-Dinitro-2-methylphenol	(4)	8.025	198	161432	52.422
115)	1-Nitronaphthalene	(4)	8.035	173	243332	51.844
116)	N-Nitrosodiphenylamine	(4)	8.073	169	888983	48.182
117)	1,2-Diphenylhydrazine	(4)	8.105	77	1657282	51.005
119)	Tetraethyldithiopyrophosphate	(4)	8.223	97	210464	47.693
120)	1,3,5-Trinitrobenzene	(4)	8.330	213	98087	51.027
121)	Diallate (peak 1)	(4)	8.319	86	520545	36.012
122)	Phorate	(4)	8.324	75	1163513	49.277
123)	Phenacetin	(4)	8.356	108	728697	51.266
124)	4-Bromophenyl-phenylether	(4)	8.372	248	332151	50.742
125)	Diallate (peak 2)	(4)	8.388	86	194583	13.252
126)	Hexachlorobenzene	(4)	8.405	284	339794	50.012
127)	Dimethoate	(4)	8.463	87	551193	48.755
128)	Diallate TRANS/CIS	(4)	23.156	86	715128	49.279
130)	Pentachlorophenol	(4)	8.576	266	173151	50.212
131)	Pentachloronitrobenzene	(4)	8.586	237	123156	50.423
132)	4-Aminobiphenyl	(4)	8.586	169	1256095	61.080
133)	Pronamide	(4)	8.656	173	505752	49.161
134)	Phenanthrene-d10	(4)	8.725	188	1369167	40.000
135)	Dinoseb	(4)	8.741	211	233746	53.016
136)	Phenanthrene	(4)	8.747	178	1714722	49.514
137)	Anthracene	(4)	8.784	178	1823203	50.208
139)	Carbazole	(4)	8.929	167	1858647	51.922
140)	Methyl parathion	(4)	9.052	109	354712	54.682
141)	Di-n-butylphthalate	(4)	9.244	149	2241592	51.803
142)	Parathion	(4)	9.383	109	254214	50.682
143)	4-Nitroquinoline-1-oxide	(4)	9.410	190	1820849	856.691
144)	Methapyrilene	(4)	9.464	97	80755	4.445
145)	Isodrin	(4)	9.587	193	177838	48.733
146)	Fluoranthene	(4)	9.715	202	1965196	47.333
151)	Benzidine	(5)	9.854	184	5323567	230.914
153)	Pyrene	(5)	9.897	202	2110285	48.938
157)	p-Dimethylaminoazobenzene	(5)	10.159	225	448165	50.037
158)	Chlorobenzilate	(5)	10.202	139	579002	48.844
159)	3,3'-Dimethylbenzidine	(5)	10.437	212	1003165	51.670
160)	Butylbenzylphthalate	(5)	10.458	149	956441	48.951
161)	2-Acetylaminofluorene	(5)	10.646	181	733599	46.674
163)	3,3'-Dichlorobenzidine	(5)	10.881	252	686302	49.244
164)	4,4'-Methylenebis(2-Chloroanil	(5)	10.886	231	310131	46.475
165)	Benzo(a)anthracene	(5)	10.886	228	1918468	49.487
166)	Chrysene-d12	(5)	10.897	240	1260074	40.000
167)	Chrysene	(5)	10.918	228	1908315	49.514
168)	bis(2-Ethylhexyl)phthalate	(5)	10.961	149	1340919	49.161

M = Compound was manually integrated. A = User selected an alternate hit

Quant Report

Target Revision 3.5

Data File: /chem/HP11165.i/07aug29a.b/gh1038.d Instrument ID: HP11165.i
Injection date and time: 29-AUG-2007 19:10 Analyst ID: gjd01970

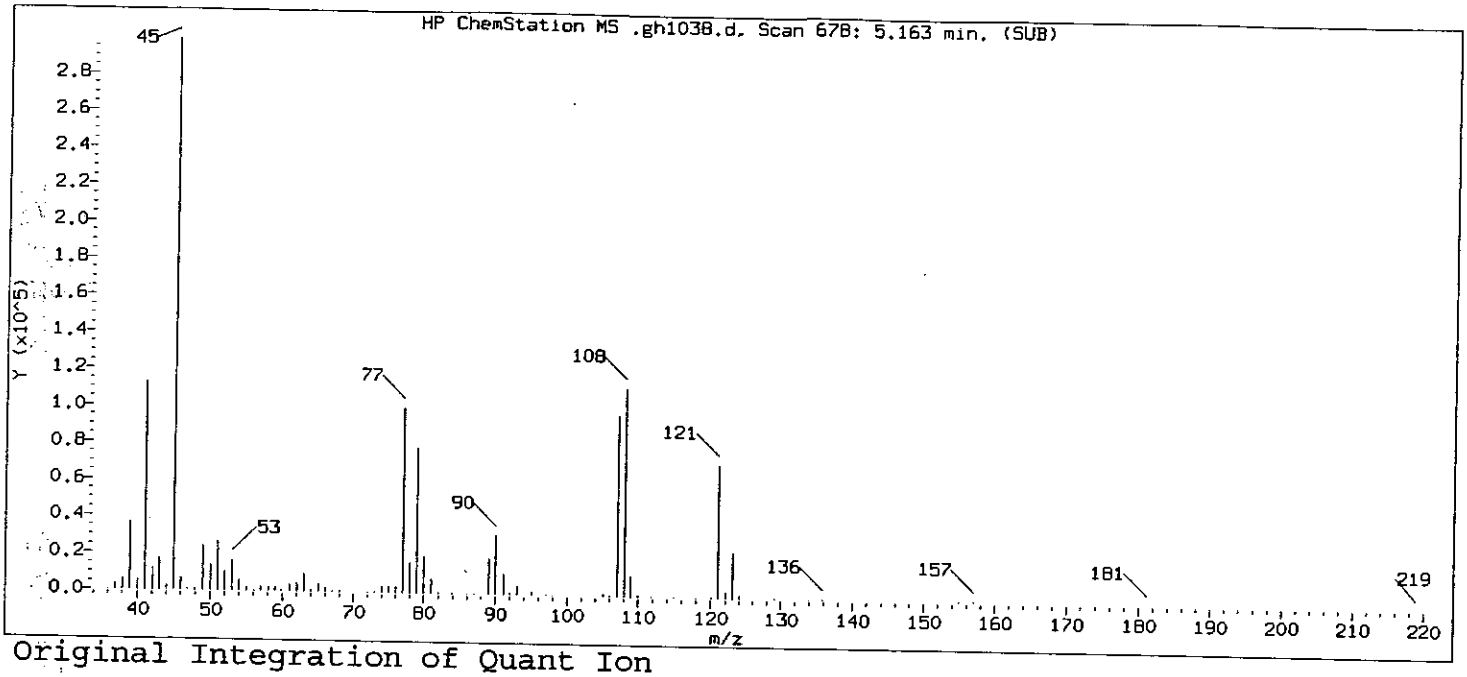
Method used: /chem/HP11165.i/07aug29a.b/minti.m Sublist used: all1
Calibration date and time: 29-AUG-2007 20:04
Date, time and analyst ID of latest file update: 29-Aug-2007 20:17 gjd01970

Sample Name: SSTD050 Lab Sample ID: ICV1387

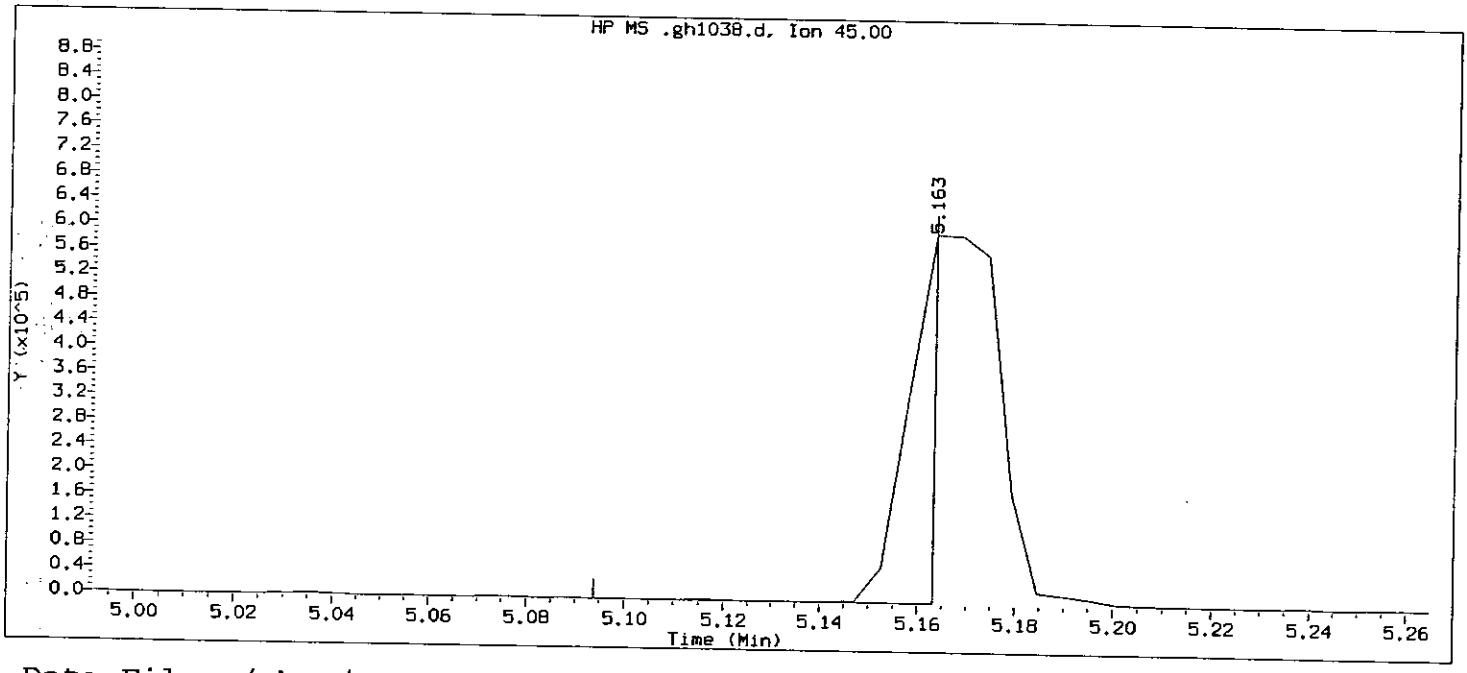
Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
188) 6-Methylchrysene	(5)	11.336	242	1331993	50.668
169) Di-n-octylphthalate	(6)	11.592	149	2319441	50.492
189) Dibenz(a,h)acridine	(6)	13.282	279	1616645	50.663
190) Dibenz(a,j)acridine	(6)	13.341	279	1566434	52.444
170) 7,12-Dimethylbenz[a]anthracene	(6)	11.924	256	877781	46.251
171) Benzo(b)fluoranthene	(6)	11.924	252	2048251	49.392
194) Ronnel	(4)	8.405	285	23009	2.904
172) Benzo(k)fluoranthene	(6)	11.956	252	1962142	48.105
173) Benzo(a)pyrene	(6)	12.266	252	1840075	49.834
174) Perylene-d12	(6)	12.325	264	1076454	40.000
175) 3-Methylcholanthrene	(6)	12.662	268	915070	47.832
176) Indeno(1,2,3-cd)pyrene	(6)	13.539	276	2119247	49.034
177) Dibenz(a,h)anthracene	(6)	13.571	278	1843999	52.788
178) Benzo(g,h,i)perylene	(6)	13.839	276	1822166	49.989
9) 2-Fluorophenol	(1)	3.569	112	562038	47.249
14) Phenol-d5	(1)	4.575	99	783838	46.728
15) Phenol-d6	(1)	4.575	99	783838	46.728
38) Nitrobenzene-d5	(2)	5.404	82	651249	49.371
77) 2-Fluorobiphenyl	(3)	6.966	172	1140144	48.906
118) 2,4,6-Tribromophenol	(3)	8.158	330	147246	50.469
155) Terphenyl-d14	(5)	10.041	244	1265573	49.031

M = Compound was manually integrated. A = User selected an alternate hit

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP11165.i/07aug29a.b/gh1038.d Instrument ID: HP11165.i
Injection date and time: 29-AUG-2007 19:10 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07aug29a.b/minti.m Sublist used: all1
Calibration date and time: 29-AUG-2007 20:04
Date, time and analyst ID of latest file update: 29-Aug-2007 20:09 gjd01970

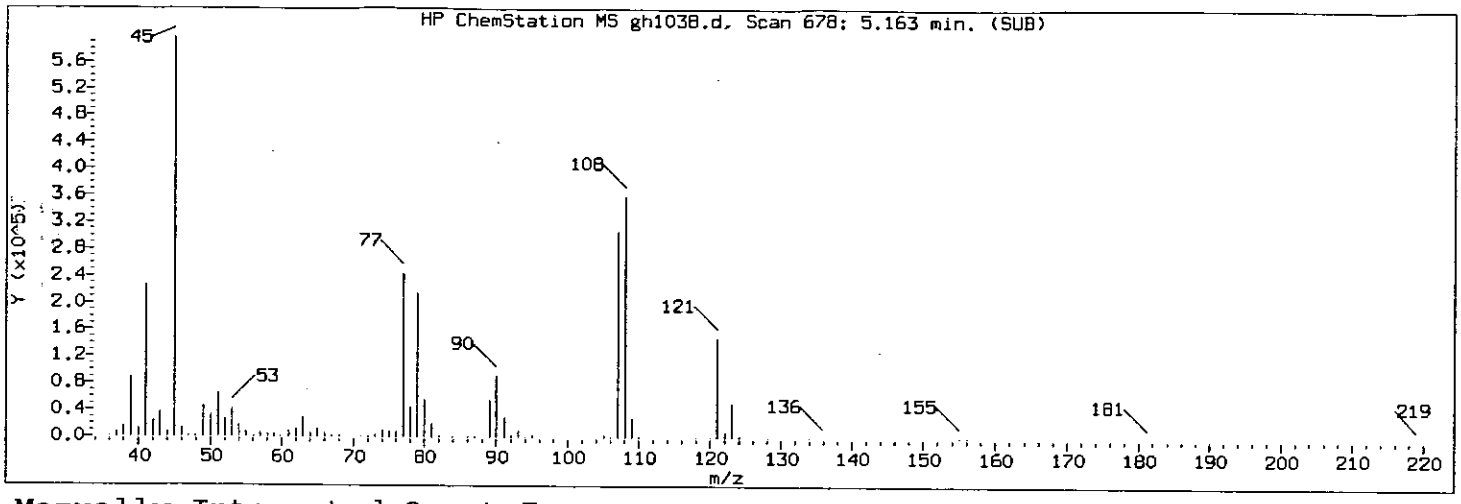
Sample Name: SSTD050 Lab Sample ID: ICV1387

Compound Number	: 27
Compound Name	: 2,2'-oxybis(1-Chloropropane)
Scan Number	: 678
Retention Time (minutes)	: 5.163
Quant Ion	: 45
Area	: 223011
Concentration (ng/ul)	: 16.6643
Integration start scan	: 664 Integration stop scan: 677
Y at integration start	: 251 Y at integration end: 243

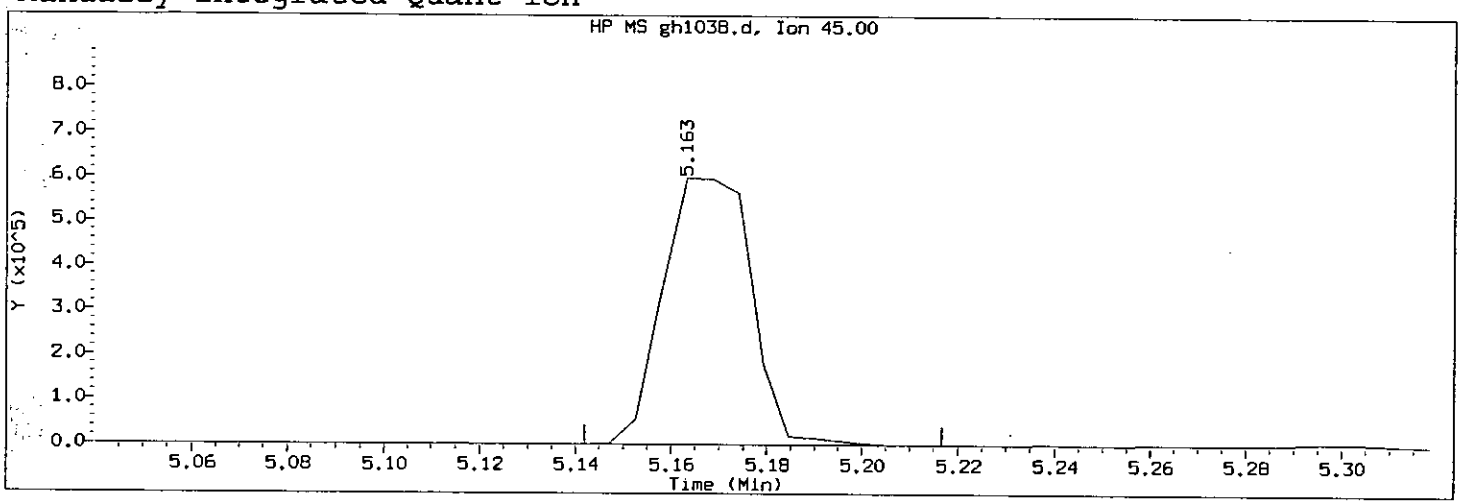
GJ 8/29/07

Original Integration Report for data file /chem/HP11165.i/07aug29a.b/gh1038.d, generated on 08/29/2007 at 20:17

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP11165.i/07aug29a.b/gh1038.d Instrument ID: HP11165.i
Injection date and time: 29-AUG-2007 19:10 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07aug29a.b/minti.m Sublist used: all1
Calibration date and time: 29-AUG-2007 20:04
Date, time and analyst ID of latest file update: 29-Aug-2007 20:17 gjd01970

Sample Name: SSTD050 Lab Sample ID: ICV1387

Compound Number	: 27
Compound Name	: 2,2'-oxybis(1-Chloropropane)
Scan Number	: 678
Retention Time (minutes)	: 5.163
Quant Ion	: 45
Area (flag)	: 761487 M
Concentration (ng/ul)	: 56.9014
Integration start scan	: 673 Integration stop scan: 687
Y at integration start	: 540 Y at integration end: 317

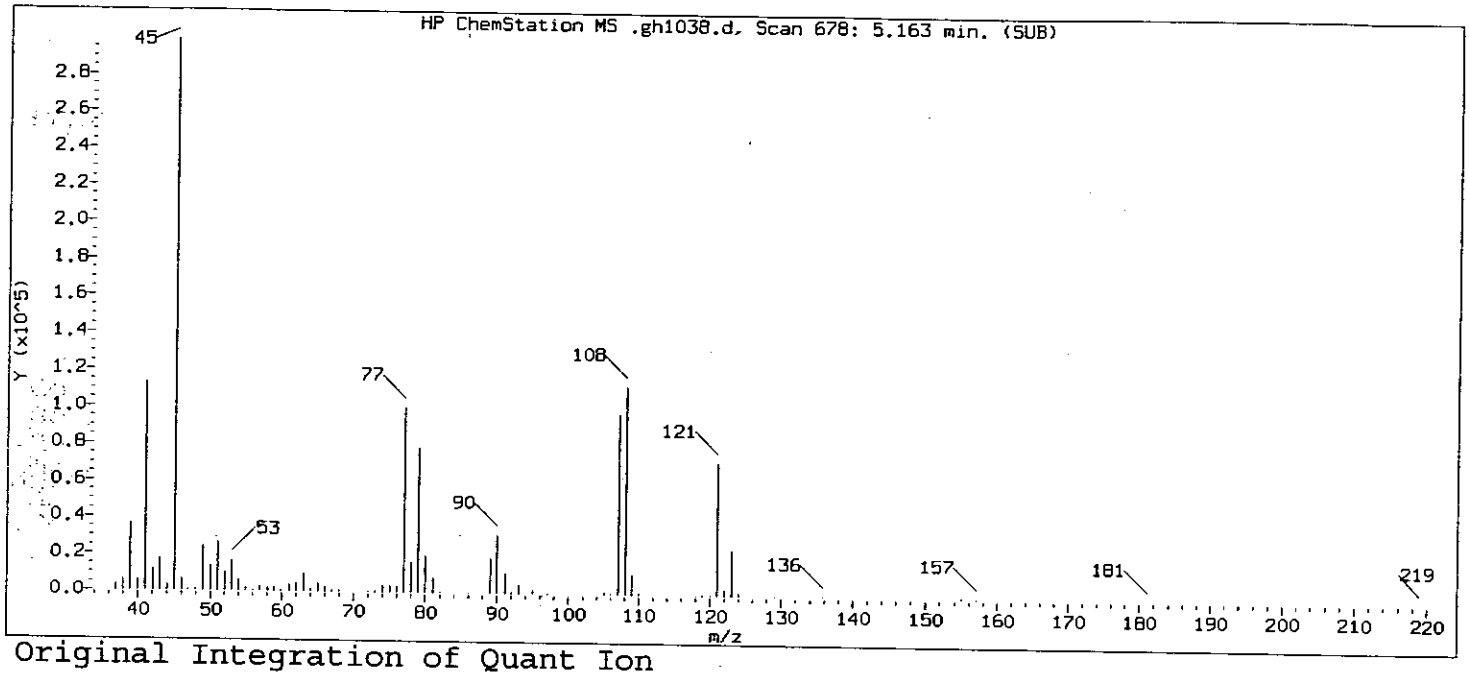
Reason for manual integration (circle one): missed peak (improper integration)

Analyst responsible for change: 1970 8/29/07

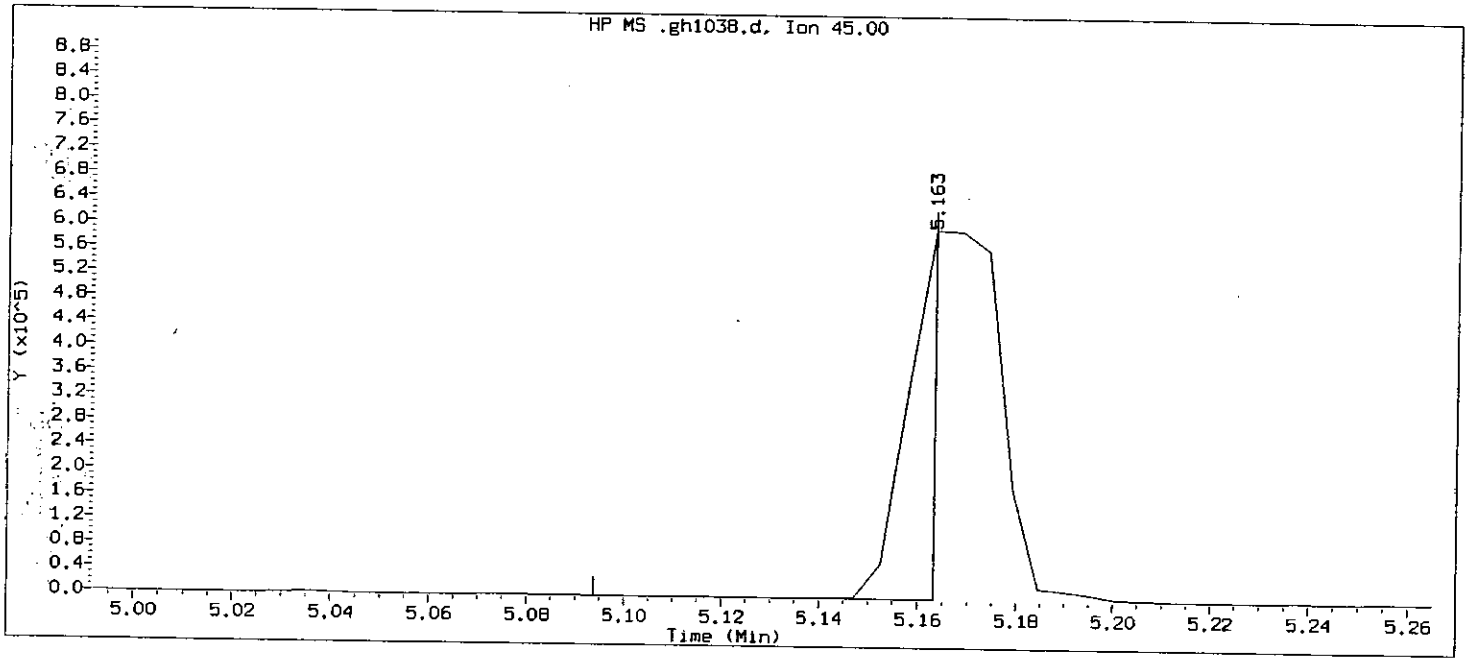
GC/MS audit/management approval: mm763 8/30/07

Manual Integration Report for data file /chem/HP11165.i/07aug29a.b/gh1038.d, generated on 08/29/2007 at 20:17

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP11165.i/07aug29a.b/gh1038.d Instrument ID: HP11165.i
Injection date and time: 29-AUG-2007 19:10 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07aug29a.b/minti.m Sublist used: all1
Calibration date and time: 29-AUG-2007 20:04
Date, time and analyst ID of latest file update: 29-Aug-2007 20:09 gjd01970

Sample Name: SSTD050 Lab Sample ID: ICV1387

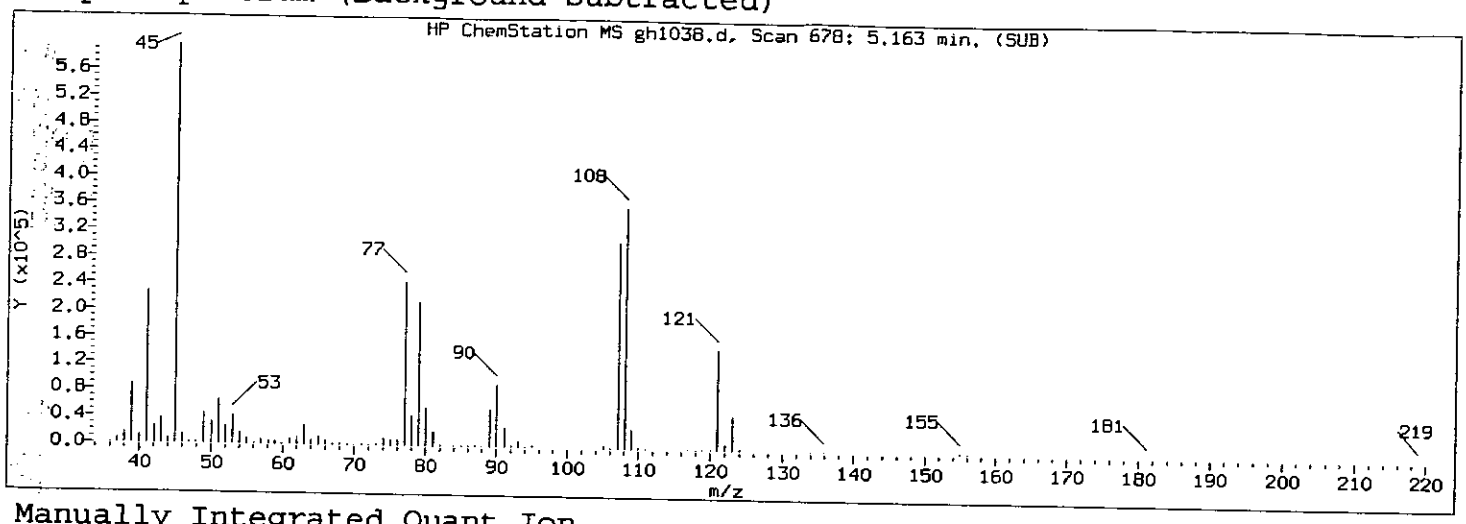
Compound Number	: 28
Compound Name	: bis(2-Chloroisopropyl)ether
Scan Number	: 678
Retention Time (minutes)	: 5.163
Quant Ion	: 45
Area	: 223011
Concentration (ng/ul)	: 16.6643
Integration start scan	: 664 Integration stop scan: 677
Y at integration start	: 251 Y at integration end: 243

GPS/472 8/29/07

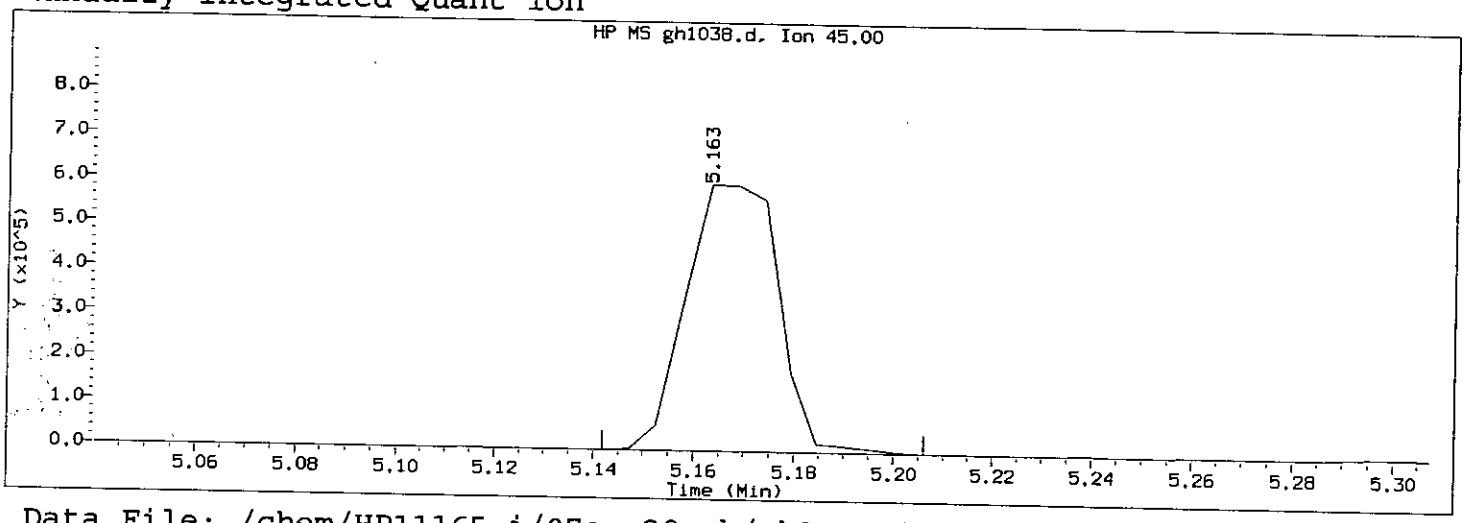
8787

Original Integration Report for data file /chem/HP11165.i/07aug29a.b/gh1038.d, generated on 08/29/2007 at 20:17

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP11165.i/07aug29a.b/gh1038.d Instrument ID: HP11165.i
Injection date and time: 29-AUG-2007 19:10 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07aug29a.b/minti.m Sublist used: all1
Calibration date and time: 29-AUG-2007 20:04
Date, time and analyst ID of latest file update: 29-Aug-2007 20:17 gjd01970

Sample Name: SSTD050 Lab Sample ID: ICV1387

Compound Number	: 28
Compound Name	: bis(2-Chloroisopropyl)ether
Scan Number	: 678
Retention Time (minutes)	: 5.163
Quant Ion	: 45
Area (flag)	: 760828 M
Concentration (ng/ul)	: 56.8522
Integration start scan	: 673 Integration stop scan: 685
Y at integration start	: 540 Y at integration end: 663

Reason for manual integration (circle one): missed peak improper integration

Analyst responsible for change: [signature] 147D 8/29/07

GC/MS audit/management approval: [signature] 8/30/07

Manual Integration Report for data file /chem/HP11165.i/07aug29a.b/gh1038.d, generated on 08/29/2007 at 20:17

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Instrument ID: HP10623 Calibration Date: 08/27/07 Time: 19:56

Lab File ID: ch0861.d Init. Calib. Date(s): 08/22/07 08/22/07

Init. Calib. Times(s): 10:29 12:16

Min RRF for SPCC(#) = 0.050 Max %Drift for CCC(*) = 20%

	COMPOUND	RRF	RRF80	ACTUAL CONC.	TRUE CONC.	% DRIFT
	N-Nitrosodimethylamine	0.854	0.922	86.400	80.0	8
	Pyridine	1.563	1.850	94.720	80.0	18
	2-Picoline	1.599	1.607	80.390	80.0	0
*	Phenol	1.993	1.974	79.230	80.0	-1*
	Aniline	2.479	2.419	78.060	80.0	-2
	bis(2-Chloroethyl)ether	1.545	1.532	79.320	80.0	-1
	2-Chlorophenol	1.526	1.510	79.140	80.0	-1
	1,3-Dichlorobenzene	1.585	1.612	81.380	80.0	2
*	1,4-Dichlorobenzene	1.625	1.662	81.860	80.0	2*
	Benzyl alcohol	1.098	1.047	76.290	80.0	-5
	1,2-Dichlorobenzene	1.562	1.583	81.090	80.0	1
	2-Methylphenol	1.521	1.474	77.540	80.0	-3
	2,2'-oxybis(1-Chloropropane)	1.298	1.182	72.840	80.0	-9
	bis(2-Chloroisopropyl)ether	1.298	1.182	72.840	80.0	-9
	Acetophenone	2.271	2.201	77.540	80.0	-3
#	N-Nitroso-di-n-propylamine	1.116	1.036	74.210	80.0	-7#
	4-Methylphenol	1.711	1.529	71.480	80.0	-11
	o-Toluidine	2.559	2.438	76.210	80.0	-5
	Hexachloroethane	0.587	0.620	84.490	80.0	6
	Nitrobenzene	0.358	0.365	81.520	80.0	2
	Isophorone	0.709	0.700	78.990	80.0	-1
*	2-Nitrophenol	0.185	0.190	82.160	80.0	3*
	2,4-Dimethylphenol	0.357	0.367	82.250	80.0	3
	bis(2-Chloroethoxy)methane	0.388	0.388	80.090	80.0	0
	Benzoic acid	0.257	0.272	84.770	80.0	6
*	2,4-Dichlorophenol	0.299	0.302	80.810	80.0	1*
	1,2,4-Trichlorobenzene	0.300	0.307	81.890	80.0	2
	Naphthalene	1.049	1.061	80.940	80.0	1
	4-Chloroaniline	0.439	0.436	79.470	80.0	-1
	2,6-Dichlorophenol	0.287	0.283	78.950	80.0	-1
*	Hexachlorobutadiene	0.149	0.155	83.160	80.0	4*
	Quinoline	0.722	0.715	79.270	80.0	-1
	Caprolactam	0.127	0.131	82.480	80.0	3
*	4-Chloro-3-methylphenol	0.333	0.335	80.460	80.0	1*
	2-Methylnaphthalene	0.734	0.730	79.630	80.0	0
	1-Methylnaphthalene	0.703	0.708	80.510	80.0	1

$709

lmm1/29/08 08/27/07

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Instrument ID: HP10623 Calibration Date: 08/27/07 Time: 19:56

Lab File ID: ch0861.d Init. Calib. Date(s): 08/22/07 08/22/07

Init. Calib. Times(s): 10:29 12:16

Min RRF for SPCC(#) = 0.050 Max %Drift for CCC(*) = 20%

	COMPOUND	RRF	RRF80	ACTUAL CONC.	TRUE CONC.	% DRIFT
#	Hexachlorocyclopentadiene	0.123	0.180	82.230	80.0	3#
	1,2,4,5-Tetrachlorobenzene	0.460	0.478	83.070	80.0	4
*	2,4,6-Trichlorophenol	0.338	0.347	81.920	80.0	2*
	2,4,5-Trichlorophenol	0.386	0.409	84.780	80.0	6
	Biphenyl	1.420	1.432	80.710	80.0	1
	Diphenyl	1.420	1.432	80.710	80.0	1
	1,1'-Biphenyl	1.420	1.432	80.710	80.0	1
	2-Chloronaphthalene	1.431	1.296	72.490	80.0	-9
	1-Chloronaphthalene	1.213	1.463	96.500	80.0	21
	Diphenyl ether	0.786	0.795	80.920	80.0	1
	2-Nitroaniline	0.409	0.438	85.710	80.0	7
	Dimethylphthalate	1.317	1.350	82.030	80.0	3
	2,6-Dinitrotoluene	0.314	0.328	83.540	80.0	4
	Acenaphthylene	1.636	1.710	83.620	80.0	5
	3-Nitroaniline	0.352	0.363	82.730	80.0	3
*	Acenaphthene	1.140	1.174	82.450	80.0	3*
#	2,4-Dinitrophenol	0.147	0.170	78.380	80.0	-2#
	Pentachlorobenzene	0.449	0.469	83.690	80.0	5
#	4-Nitrophenol	0.179	0.198	88.140	80.0	10#
	Dibenzofuran	1.612	1.677	83.250	80.0	4
	2,4-Dinitrotoluene	0.416	0.428	82.310	80.0	3
	1-Naphthylamine	1.133	1.106	78.120	80.0	-2
	2,3,4,6-Tetrachlorophenol	0.282	0.294	83.440	80.0	4
	2-Naphthylamine	1.154	1.050	72.760	80.0	-9
	Diethylphthalate	1.348	1.395	82.810	80.0	4
	Fluorene	1.341	1.379	82.280	80.0	3
	4-Chlorophenyl-phenylether	0.589	0.608	82.560	80.0	3
	4-Nitroaniline	0.380	0.398	83.750	80.0	5
	4,6-Dinitro-2-methylphenol	0.116	0.127	87.110	80.0	9
*	N-Nitrosodiphenylamine (1)	0.536	0.543	80.970	80.0	1*
	1,2-Diphenylhydrazine	0.699	0.689	78.950	80.0	-1
	Phorate	0.513	0.422	65.720	80.0	-18
	4-Bromophenyl-phenylether	0.198	0.201	81.190	80.0	1
	Hexachlorobenzene	0.234	0.235	80.530	80.0	1
*	Pentachlorophenol	0.133	0.143	85.850	80.0	7*
	Phenanthrene	1.067	1.083	81.190	80.0	1

(1) Cannot be Separated from Diphenylamine

7C cont

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Instrument ID: HP10623 Calibration Date: 08/27/07 Time: 19:56

Lab File ID: ch0861.d Init. Calib. Date(s): 08/22/07 08/22/07

Init. Calib. Times(s): 10:29 12:16

Min RRF for SPCC(#) = 0.050 Max %Drift for CCC(*) = 20%

	COMPOUND	RRF	RRF80	ACTUAL CONC.	TRUE CONC.	% DRIFT
	Dinoseb	0.151	0.179	80.300	80.0	0
	Anthracene	1.104	1.125	81.490	80.0	2
	Carbazole	1.001	1.016	81.180	80.0	1
	Methyl parathion	0.224	0.231	82.680	80.0	3
	Ronnel	0.291	0.299	81.950	80.0	2
	Di-n-butylphthalate	1.251	1.278	81.730	80.0	2
	Parathion	0.149	0.156	83.670	80.0	5
*	Fluoranthene	1.156	1.181	81.700	80.0	2*
	Benzidine	0.768	0.798	249.210	240.0	4
	Pyrene	1.321	1.350	81.760	80.0	2
	Butylbenzylphthalate	0.643	0.660	82.120	80.0	3
	3,3'-Dichlorobenzidine	0.465	0.489	84.220	80.0	5
	Benzo(a)anthracene	1.125	1.172	83.330	80.0	4
	Hexabromobenzene	0.013	0.016	99.540	80.0	24
	4,4'-Methylenebis(2-Chloroanil	0.240	0.250	83.630	80.0	5
	Chrysene	1.142	1.125	78.830	80.0	-1
	bis(2-Ethylhexyl)phthalate	0.906	0.934	82.510	80.0	3
	6-Methylchrysene	0.877	0.904	82.430	80.0	3
*	Di-n-octylphthalate	1.581	1.637	82.850	80.0	4*
	7,12-Dimethylbenz[a]anthracene	0.602	0.652	86.700	80.0	8
	Benzo(b)fluoranthene	1.338	1.630	97.430	80.0	22
	Benzo(k)fluoranthene	1.379	1.354	78.550	80.0	-2
*	Benzo(a)pyrene	1.273	1.304	81.960	80.0	2*
	3-Methylcholanthrene	0.708	0.742	83.930	80.0	5
	Dibenz(a,h)acridine	1.051	1.073	81.730	80.0	2
	Dibenz(a,j)acridine	1.149	1.187	82.660	80.0	3
	Indeno(1,2,3-cd)pyrene	1.547	1.580	81.730	80.0	2
	Dibenz(a,h)anthracene	1.232	1.266	82.180	80.0	3
	Benzo(g,h,i)perylene	1.309	1.331	81.330	80.0	2
	2-Fluorophenol	1.406	1.448	82.370	80.0	3
	Phenol-d5	1.846	1.847	80.010	80.0	0
	Phenol-d6	1.846	1.847	80.010	80.0	0
	Nitrobenzene-d5	0.348	0.359	82.620	80.0	3
	2-Fluorobiphenyl	1.241	1.304	84.080	80.0	5
	2,4,6-Tribromophenol	0.234	0.260	88.880	80.0	11

8711

FORM VII SV-1

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Instrument ID: HP10623 Calibration Date: 08/27/07 Time: 19:56

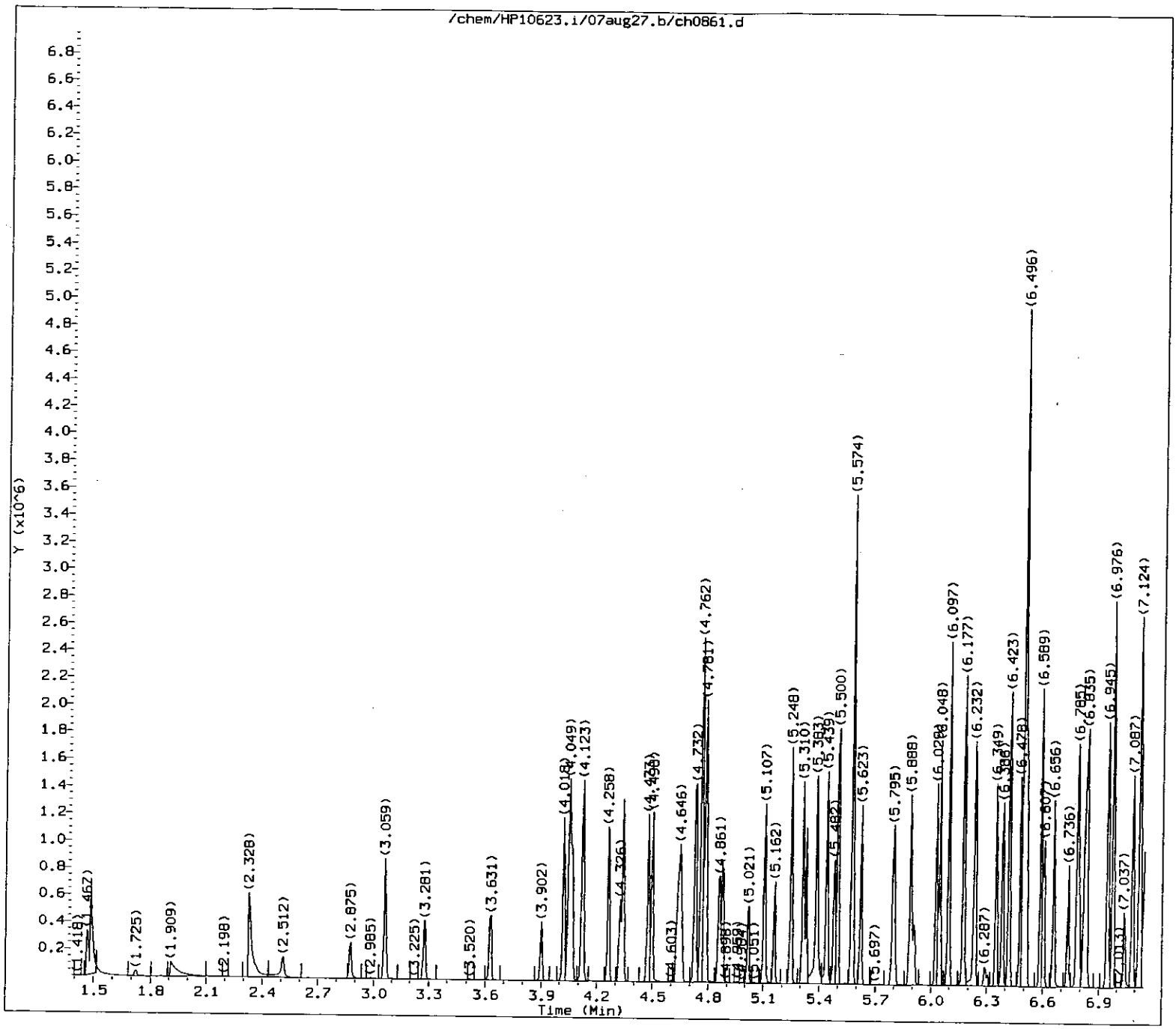
Lab File ID: ch0861.d Init. Calib. Date(s): 08/22/07 08/22/07

Init. Calib. Times(s): 10:29 12:16

Min RRF for SPCC(#) = 0.050 Max %Drift for CCC(*) = 20%

COMPOUND	RRF	RRF80	ACTUAL CONC.	TRUE CONC.	% DRIFT
Terphenyl-d14	0.902	0.950	84.260	80.0	5
				Average %Drift:	4

8712



Quant Report

Target Revision 3.5

Data File: /chem/HP10623.i/07aug27.b/ch0861.d
Injection date and time: 27-AUG-2007 19:56
Instrument ID: HP10623.i
Analyst ID: lmh00956

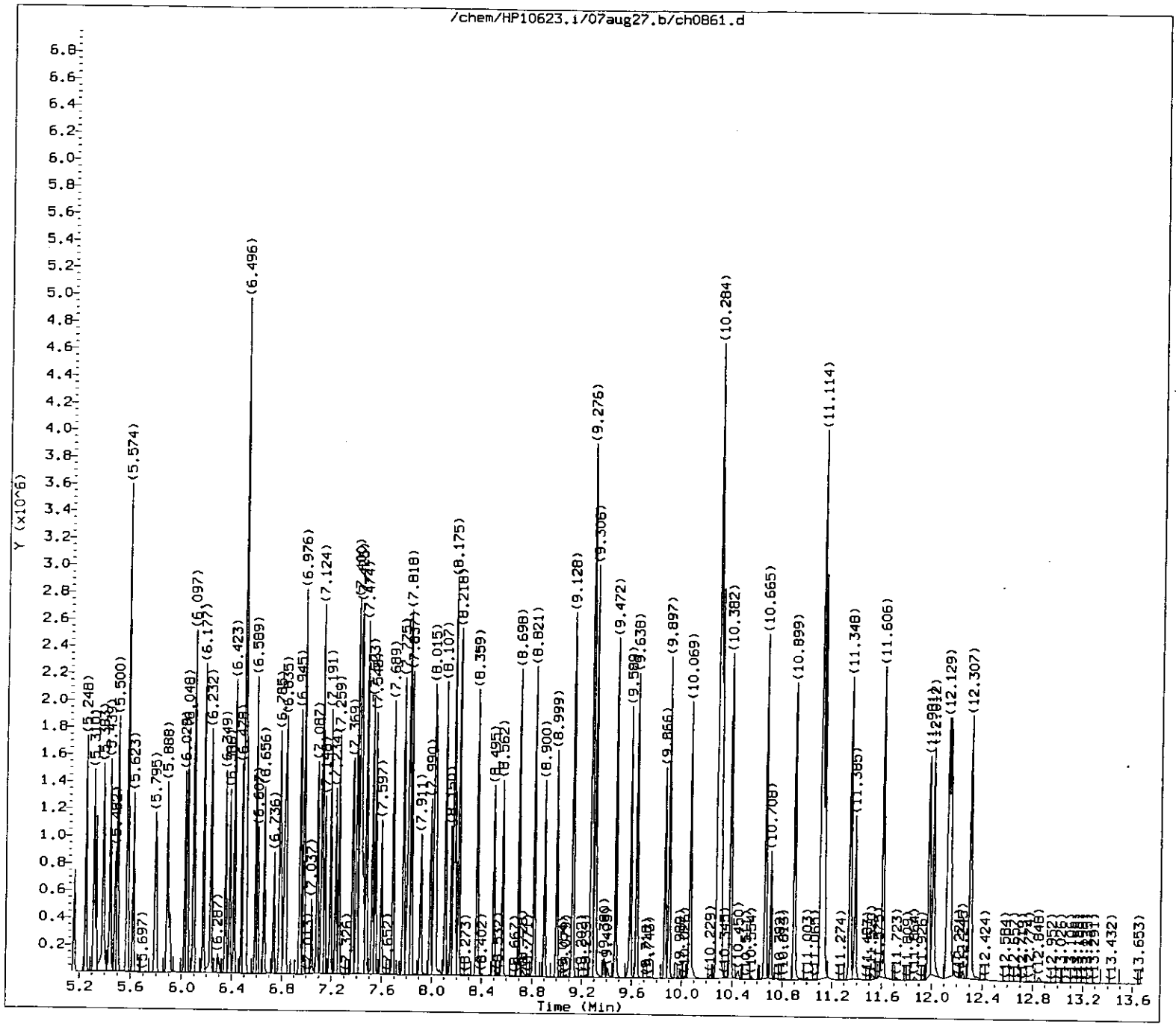
Method used: /chem/HP10623.i/07aug27.b/m8270.m
Calibration date and time: 27-AUG-2007 20:17
Sublist used: all1

Date, time and analyst ID of latest file update: 27-Aug-2007 20:17 lmh00956

Sample Name: SSTD080
Lab Sample ID: STD2187

8713

lmh956 30127107



Quant Report

Target Revision 3.5

Data File: /chem/HP10623.i/07aug27.b/ch0861.d
Injection date and time: 27-AUG-2007 19:56
Instrument ID: HP10623.i
Analyst ID: lmh00956

Method used: /chem/HP10623.i/07aug27.b/m8270.m
Calibration date and time: 27-AUG-2007 20:17
Sublist used: all1

Date, time and analyst ID of latest file update: 27-Aug-2007 20:17 lmh00956

Sample Name: SSTD080
Lab Sample ID: STD2187

8714

lmh 08/27/07

Quant Report

Target Revision 3.5

Data File: /chem/HP10623.i/07aug27.b/ch0861.d Instrument ID: HP10623.i
Injection date and time: 27-AUG-2007 19:56 Analyst ID: lmh00956

Method used: /chem/HP10623.i/07aug27.b/m8270.m Sublist used: all1
Calibration date and time: 27-AUG-2007 20:17
Date, time and analyst ID of latest file update: 27-Aug-2007 20:17 lmh00956

Sample Name: SSTD080 Lab Sample ID: STD2187

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
2) N-Nitrosodimethylamine	(1)	1.467	74	149518	86.3961
3) Pyridine	(1)	1.485	79	300050	94.7208
5) 2-Picoline	(1)	2.328	93	260652	80.3919
15) Phenol	(1)	4.068	94	320067	79.2307
16) Aniline	(1)	4.018	93	392283	78.0605
18) bis(2-Chloroethyl)ether	(1)	4.117	93	248421	79.3177
19) 2-Chlorophenol	(1)	4.123	128	244836	79.1445
20) 1,3-Dichlorobenzene	(1)	4.264	146	261511	81.3839
21) 1,4-Dichlorobenzene-d4	(1)	4.326	152	81090	40.0000
22) 1,4-Dichlorobenzene	(1)	4.338	146	269592	81.8557
23) Benzyl alcohol	(1)	4.498	108	169861	76.2873
24) 1,2-Dichlorobenzene	(1)	4.473	146	256788	81.0925
25) 2-Methylphenol	(1)	4.646	108	239055	77.5377
26) 2,2'-oxybis(1-Chloropropane)	(1)	4.627	45	191721	72.8353
27) bis(2-Chloroisopropyl)ether	(1)	4.627	45	191721	72.8353
29) Acetophenone	(1)	4.732	105	356973	77.5365
30) N-Nitroso-di-n-propylamine	(1)	4.762	70	167955	74.2104
31) 4-Methylphenol	(1)	4.781	108	248002	71.4843
33) o-Toluidine	(1)	4.762	106	395392	76.2071
34) Hexachloroethane	(1)	4.787	117	100536	84.4890
36) Nitrobenzene	(2)	4.873	77	255654	81.5196
38) Isophorone	(2)	5.107	82	490107	78.9889
39) 2-Nitrophenol	(2)	5.162	139	132932	82.1584
40) 2,4-Dimethylphenol	(2)	5.248	107	256997	82.2520
42) bis(2-Chloroethoxy)methane	(2)	5.328	93	271787	80.0900
43) Benzoic acid	(2)	5.396	105	190411	84.7702
44) 2,4-Dichlorophenol	(2)	5.383	162	211285	80.8058
45) 1,2,4-Trichlorobenzene	(2)	5.439	180	214915	81.8914
46) Naphthalene-d8	(2)	5.482	136	350249	40.0000
47) Naphthalene	(2)	5.500	128	743132	80.9370
48) 4-Chloroaniline	(2)	5.574	127	305627	79.4731
49) 2,6-Dichlorophenol	(2)	5.574	162	198034	78.9477
51) Hexachlorobutadiene	(2)	5.623	225	108353	83.1612
52) Quinoline	(2)	5.795	129	501043	79.2728
53) Caprolactam	(2)	5.906	113	91691	82.4767
55) 4-Chloro-3-methylphenol	(2)	6.029	107	234858	80.4554
58) 2-Methylnaphthalene	(2)	6.097	142	511638	79.6279
60) 1-Methylnaphthalene	(2)	6.177	142	495838	80.5055
61) Hexachlorocyclopentadiene	(3)	6.232	237	75761	82.2327
62) 1,2,4,5-Tetrachlorobenzene	(3)	6.238	216	201668	83.0685
64) 2,4,6-Trichlorophenol	(3)	6.349	196	146254	81.9177
65) 2,4,5-Trichlorophenol	(3)	6.386	196	172648	84.7831
68) Biphenyl	(3)	6.496	154	604343	80.7051

M = Compound was manually integrated. A = User selected an alternate hit

Quant Report

Target Revision 3.5

Data File: /chem/HP10623.i/07aug27.b/ch0861.d Instrument ID: HP10623.i
Injection date and time: 27-AUG-2007 19:56 Analyst ID: lmh00956

Method used: /chem/HP10623.i/07aug27.b/m8270.m Sublist used: all1
Calibration date and time: 27-AUG-2007 20:17
Date, time and analyst ID of latest file update: 27-Aug-2007 20:17 lmh00956

Sample Name: SSTD080 Lab Sample ID: STD2187

	Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
69)	Diphenyl	(3)	6.496	154	604343	80.7051
70)	1,1'-Biphenyl	(3)	6.496	154	604343	80.7051
71)	2-Chloronaphthalene	(3)	6.496	162	547097M	72.4923
72)	1-Chloronaphthalene	(3)	6.515	162	617240M	96.4972
73)	Diphenyl ether	(3)	6.589	170	335663	80.9219
74)	2-Nitroaniline	(3)	6.607	138	184750	85.7101
77)	Dimethylphthalate	(3)	6.785	163	569694	82.0284
79)	2,6-Dinitrotoluene	(3)	6.822	165	138362	83.5418
80)	Acenaphthylene	(3)	6.835	152	721830	83.6163
81)	3-Nitroaniline	(3)	6.945	138	153397	82.7279
82)	Acenaphthene-d10	(3)	6.951	164	211012	40.0000
83)	Acenaphthene	(3)	6.976	153	495630	82.4493
84)	2,4-Dinitrophenol	(3)	7.037	184	71580	78.3829
85)	Pentachlorobenzene	(3)	7.087	250	198004	83.6902
86)	4-Nitrophenol	(3)	7.130	109	83363	88.1431
87)	Dibenzofuran	(3)	7.124	168	707818	83.2520
88)	2,4-Dinitrotoluene	(3)	7.148	165	180793	82.3133
90)	1-Naphthylamine	(3)	7.191	143	466776	78.1234
91)	2,3,4,6-Tetrachlorophenol	(3)	7.234	232	123898	83.4362
92)	2-Naphthylamine	(3)	7.259	143	443008	72.7580
93)	Diethylphthalate	(3)	7.369	149	588710	82.8071
94)	Fluorene	(3)	7.400	166	581999	82.2760
96)	4-Chlorophenyl-phenylether	(3)	7.425	204	256418	82.5610
98)	4-Nitroaniline	(3)	7.449	138	168001	83.7536
99)	4,6-Dinitro-2-methylphenol	(4)	7.474	198	99455	87.1135
102)	N-Nitrosodiphenylamine	(4)	7.523	169	425697	80.9703
103)	1,2-Diphenylhydrazine	(4)	7.548	77	540730	78.9518
108)	Phorate	(4)	7.775	75	330604	65.7226
110)	4-Bromophenyl-phenylether	(4)	7.818	248	157601	81.1940
112)	Hexachlorobenzene	(4)	7.837	284	184405	80.5259
116)	Pentachlorophenol	(4)	8.015	266	112257	85.8493
120)	Phenanthrene-d10	(4)	8.156	188	392127	40.0000
121)	Phenanthrene	(4)	8.175	178	848989	81.1939
122)	Dinoseb	(4)	8.187	211	140234	80.2979
124)	Anthracene	(4)	8.218	178	882273	81.4948
125)	Carbazole	(4)	8.359	167	796869	81.1752
126)	Methyl parathion	(4)	8.495	109	181468	82.6796
127)	Ronnel	(4)	8.568	285	234148	81.9549
128)	Di-n-butylphthalate	(4)	8.698	149	1002291	81.7341
129)	Parathion	(4)	8.821	109	122030	83.6730
134)	Fluoranthene	(4)	9.128	202	926164	81.6978
135)	Benzidine	(5)	9.282	184	1621385	249.2094
136)	Pyrene	(5)	9.306	202	914393	81.7553

M = Compound was manually integrated. A = User selected an alternate hit

Quant Report

Target Revision 3.5

Data File: /chem/HP10623.i/07aug27.b/ch0861.d Instrument ID: HP10623.i
Injection date and time: 27-AUG-2007 19:56 Analyst ID: lmh00956

Method used: /chem/HP10623.i/07aug27.b/m8270.m Sublist used: all1
Calibration date and time: 27-AUG-2007 20:17
Date, time and analyst ID of latest file update: 27-Aug-2007 20:17 lmh00956

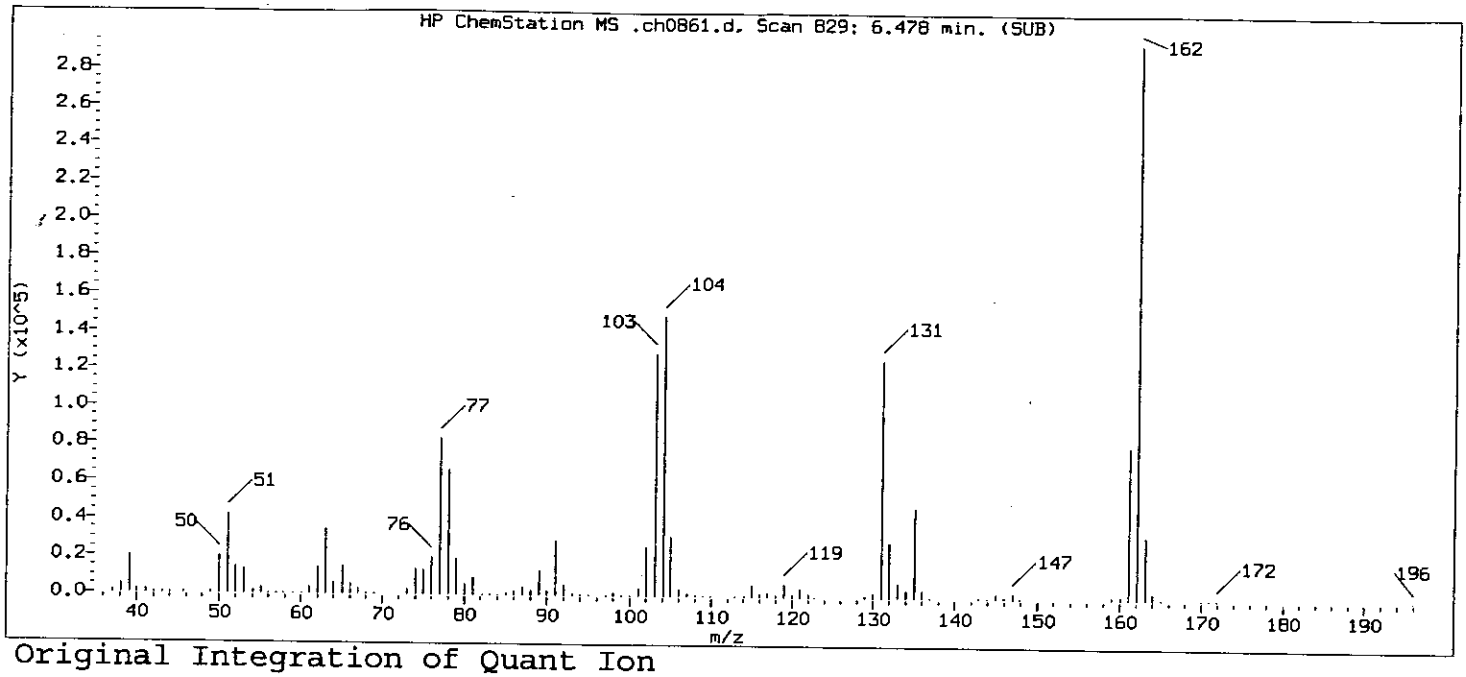
Sample Name: SSTD080 Lab Sample ID: STD2187

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
143) Butylbenzylphthalate	(5)	9.897	149	447253	82.1249
145) 3,3'-Dichlorobenzidine	(5)	10.284	252	331563	84.2200
146) Benzo(a)anthracene	(5)	10.284	228	793833	83.3300
147) Hexabromobenzene	(5)	10.278	552	10817	99.5432
148) 4,4'-Methylenebis(2-Chloroanil	(5)	10.296	231	169617	83.6284
149) Chrysene-d12	(5)	10.290	240	338736	40.0000
150) Chrysene	(5)	10.309	228	762338	78.8348
151) bis(2-Ethylhexyl)phthalate	(5)	10.382	149	632947	82.5148
152) 6-Methylchrysene	(5)	10.665	242	612194	82.4290
156) Di-n-octylphthalate	(6)	10.899	149	1063297	82.8475
157) 7,12-Dimethylbenz[a]anthracene	(6)	11.114	256	423687	86.7027
158) Benzo(b)fluoranthene	(6)	11.114	252	1058549M	97.4330
159) Benzo(k)fluoranthene	(6)	11.132	252	879550M	78.5473
160) Benzo(a)pyrene	(6)	11.348	252	846729	81.9628
161) Perylene-d12	(6)	11.385	264	324702	40.0000
162) 3-Methylcholanthrene	(6)	11.606	268	482155	83.9318
166) Dibenz(a,h)acridine	(6)	11.981	279	697043	81.7297
167) Dibenz(a,j)acridine	(6)	12.012	279	770812	82.6632
168) Indeno(1,2,3-cd)pyrene	(6)	12.129	276	1026284	81.7301
169) Dibenz(a,h)anthracene	(6)	12.147	278	821842	82.1835
170) Benzo(g,h,i)perylene	(6)	12.307	276	864290	81.3266
9) 2-Fluorophenol	(1)	3.059	112	234820	82.3681
13) Phenol-d5	(1)	4.055	99	299489	80.0145
14) Phenol-d6	(1)	4.055	99	299489	80.0145
35) Nitrobenzene-d5	(2)	4.861	82	251473	82.6153
66) 2-Fluorobiphenyl	(3)	6.423	172	550286	84.0816
104) 2,4,6-Tribromophenol	(3)	7.597	330	109727	88.8771
138) Terphenyl-d14	(5)	9.472	244	643391	84.2617

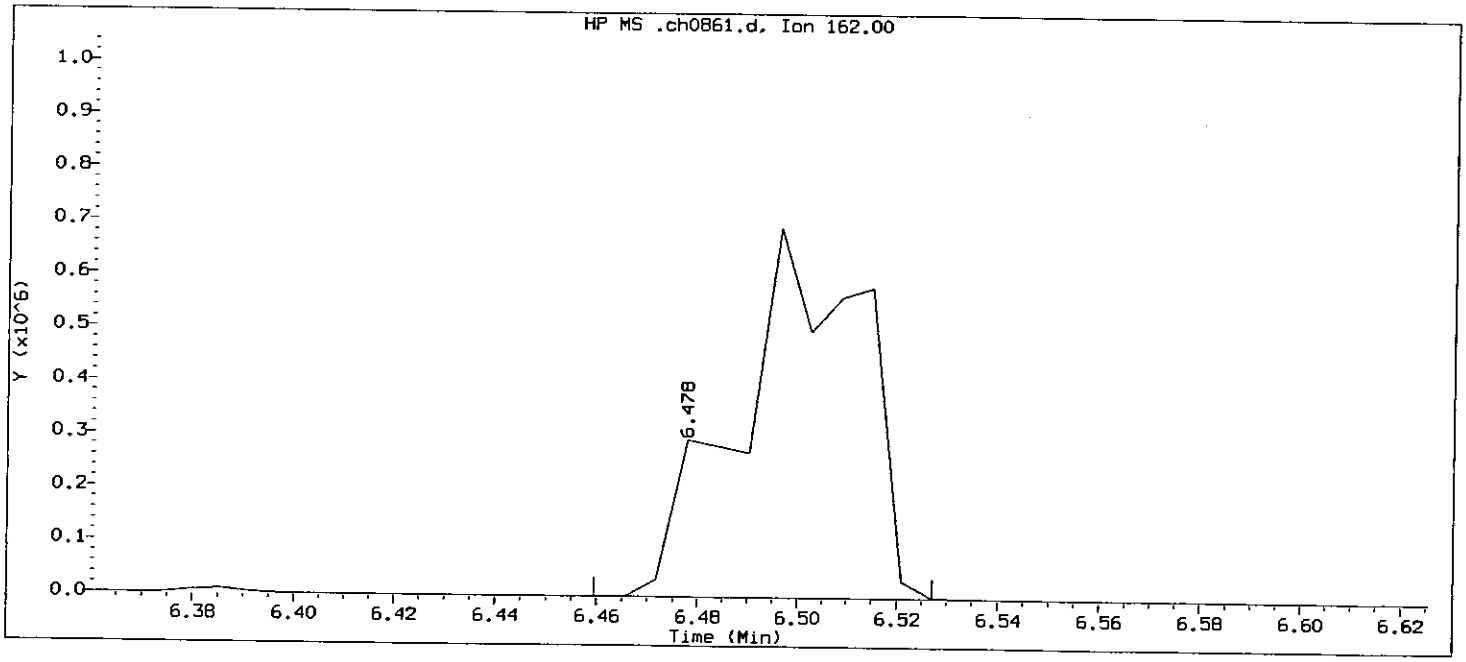
M = Compound was manually integrated. A = User selected an alternate hit

8717

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP10623.i/07aug27.b/ch0861.d
Injection date and time: 27-AUG-2007 19:56

Instrument ID: HP10623.i
Analyst ID: lmh00956

Method used: /chem/HP10623.i/07aug27.b/m8270.m
Calibration date and time: 27-AUG-2007 20:11

Sublist used: all1

Date, time and analyst ID of latest file update: 27-Aug-2007 20:11 Automation

Sample Name: SSTD080

Lab Sample ID: STD2187

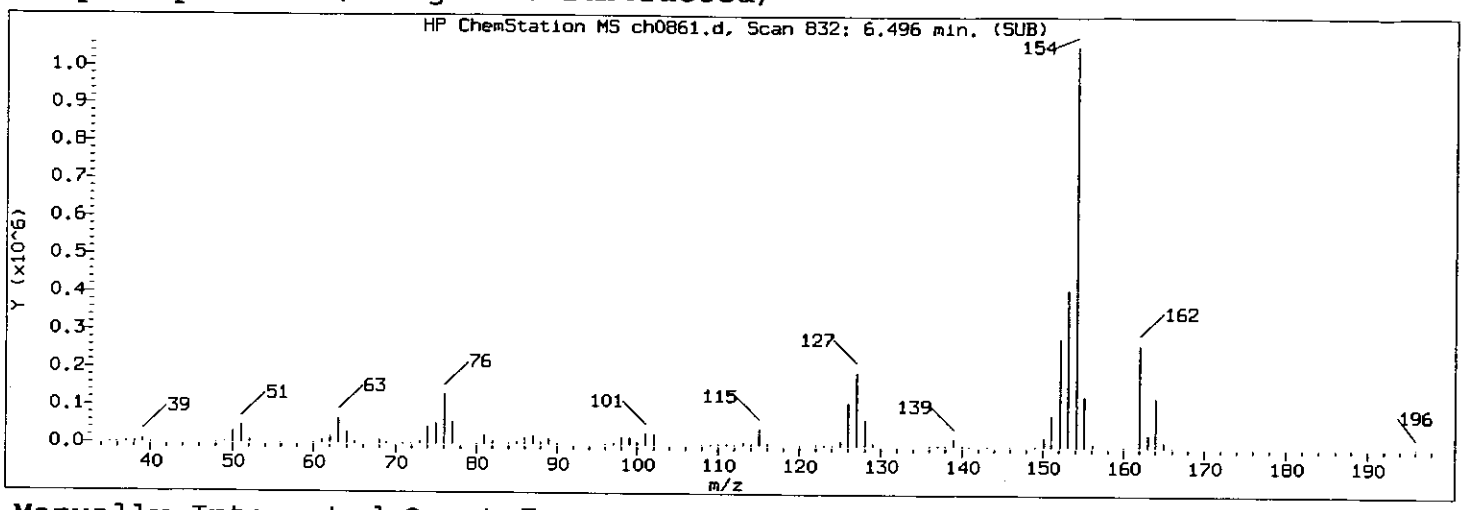
Compound Number	: 71
Compound Name	: 2-Chloronaphthalene
Scan Number	: 829
Retention Time (minutes)	: 6.478
Quant Ion	: 162
Area	: 1200788
Concentration (ng/ul)	: 159.1088
Integration start scan	: 825 Integration stop scan: 836
Y at integration start	: 0 Y at integration end: 0

lmh 8/27/07

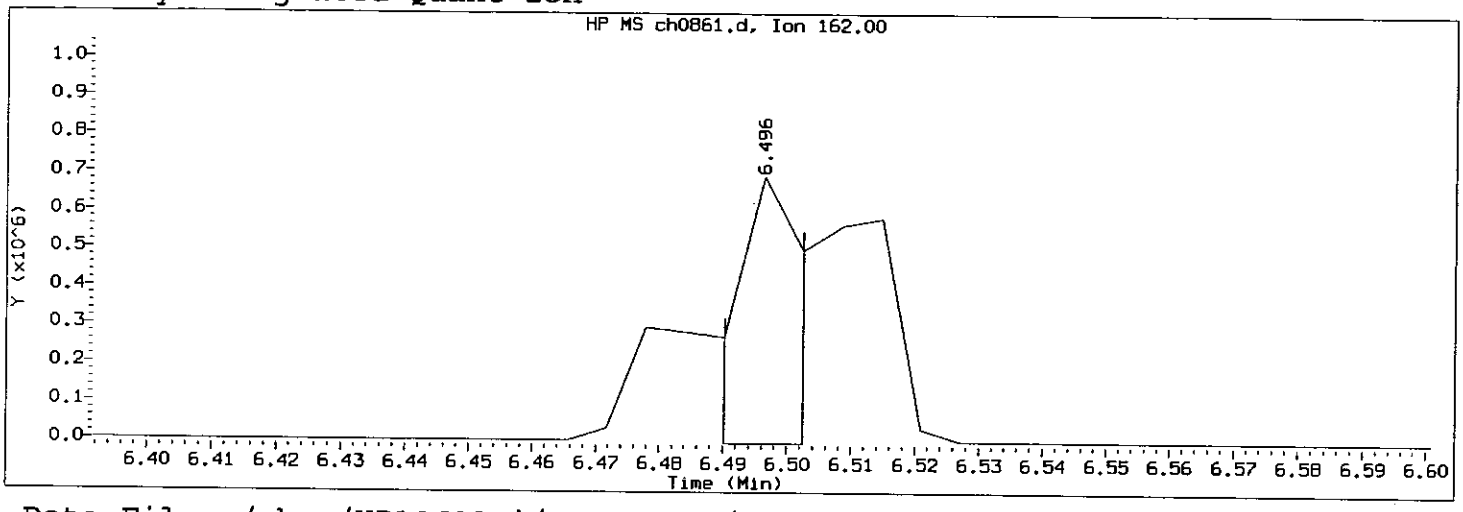
8718

Original Integration Report for data file /chem/HP10623.i/07aug27.b/ch0861.d, generated on 08/27/2007 at 20:18

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP10623.i/07aug27.b/ch0861.d Instrument ID: HP10623.i
Injection date and time: 27-AUG-2007 19:56 Analyst ID: lmh00956

Method used: /chem/HP10623.i/07aug27.b/m8270.m Sublist used: all1
Calibration date and time: 27-AUG-2007 20:17
Date, time and analyst ID of latest file update: 27-Aug-2007 20:17 lmh00956

Sample Name: SSTD080 Lab Sample ID: STD2187

Compound Number	:	71
Compound Name	:	2-Chloronaphthalene
Scan Number	:	832
Retention Time (minutes)	:	6.496
Quant Ion	:	162
Area (flag)	:	547097 M
Concentration (ng/ul)	:	72.4923
Integration start scan	:	830 Integration stop scan: 832
Y at integration start	:	-6401 Y at integration end: -6401

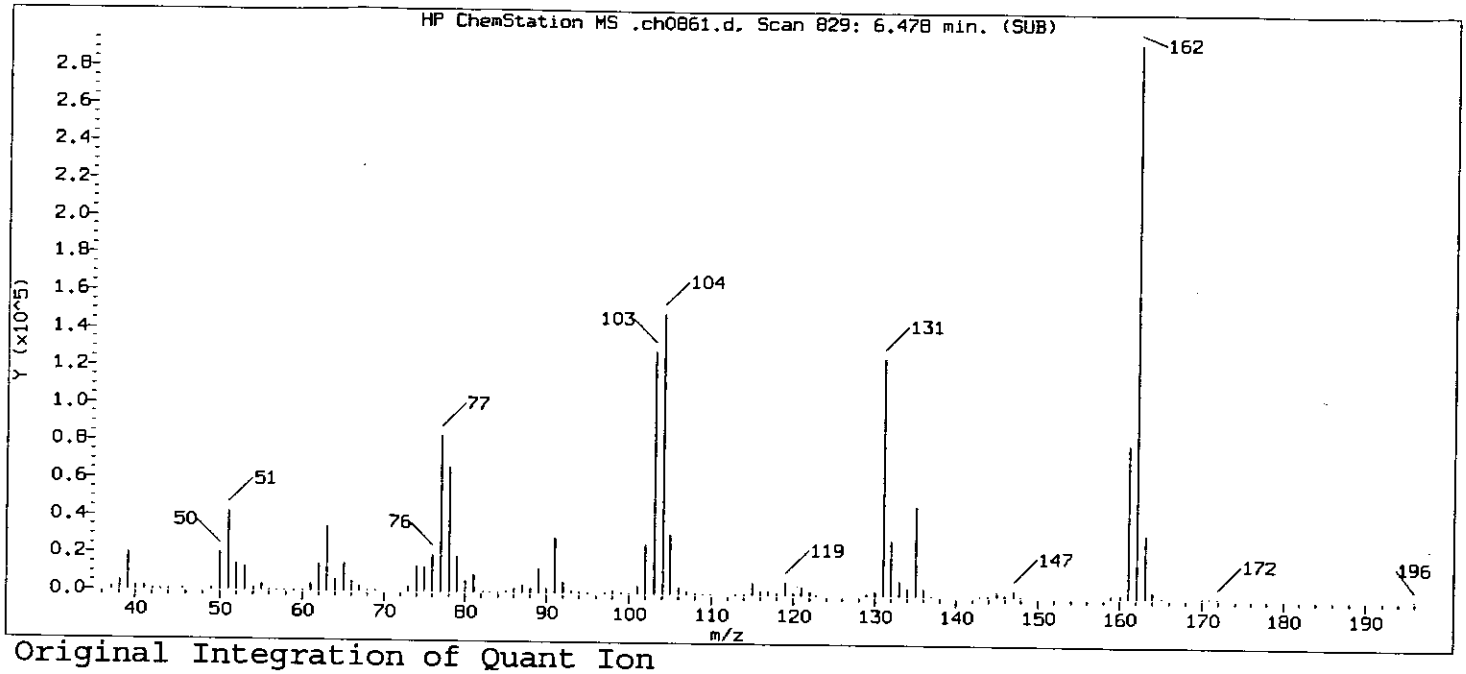
Reason for manual integration (circle one): missed peak improper integration

Analyst responsible for change: lmh198 08/27/07

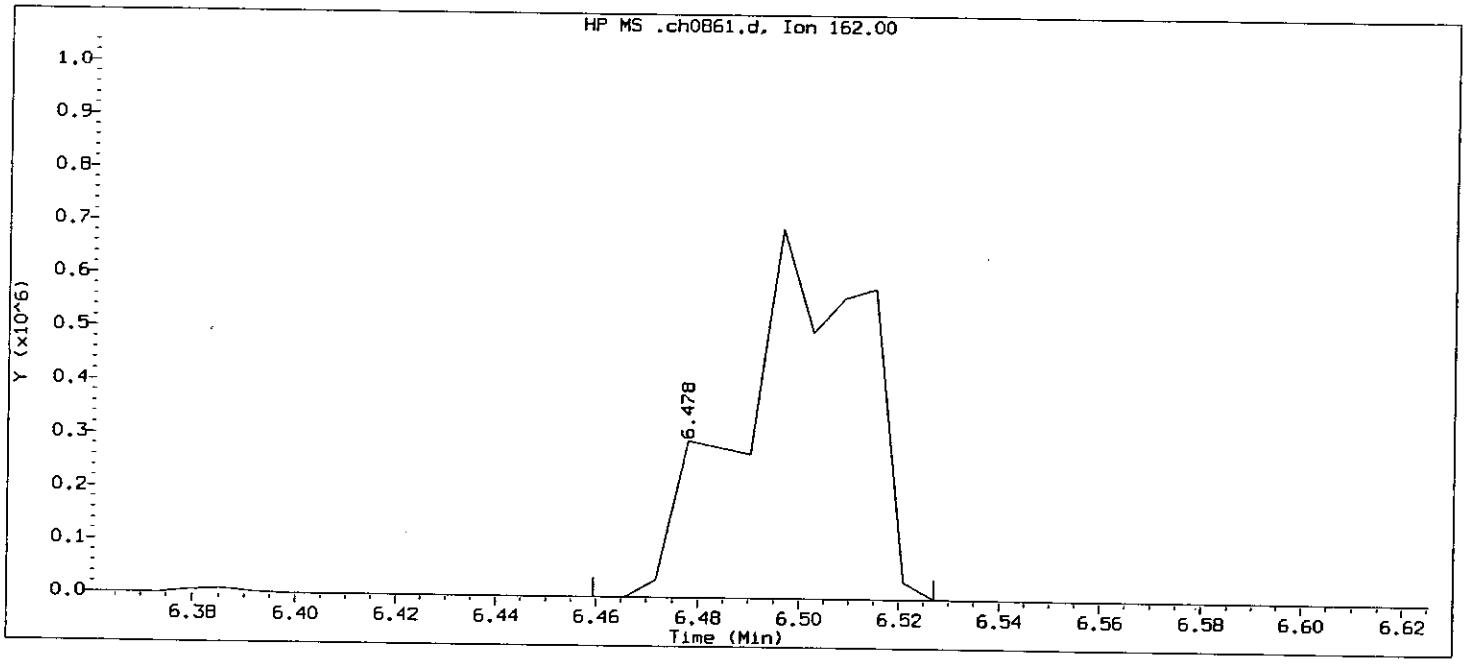
GC/MS audit/management approval: mpl758 8/28/07

Manual Integration Report for data file /chem/HP10623.i/07aug27.b/ch0861.d, generated on 08/27/2007 at 20:18

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP10623.i/07aug27.b/ch0861.d Instrument ID: HP10623.i
Injection date and time: 27-AUG-2007 19:56 Analyst ID: lmh00956

Method used: /chem/HP10623.i/07aug27.b/m8270.m Sublist used: all1
Calibration date and time: 27-AUG-2007 20:11
Date, time and analyst ID of latest file update: 27-Aug-2007 20:11 Automation

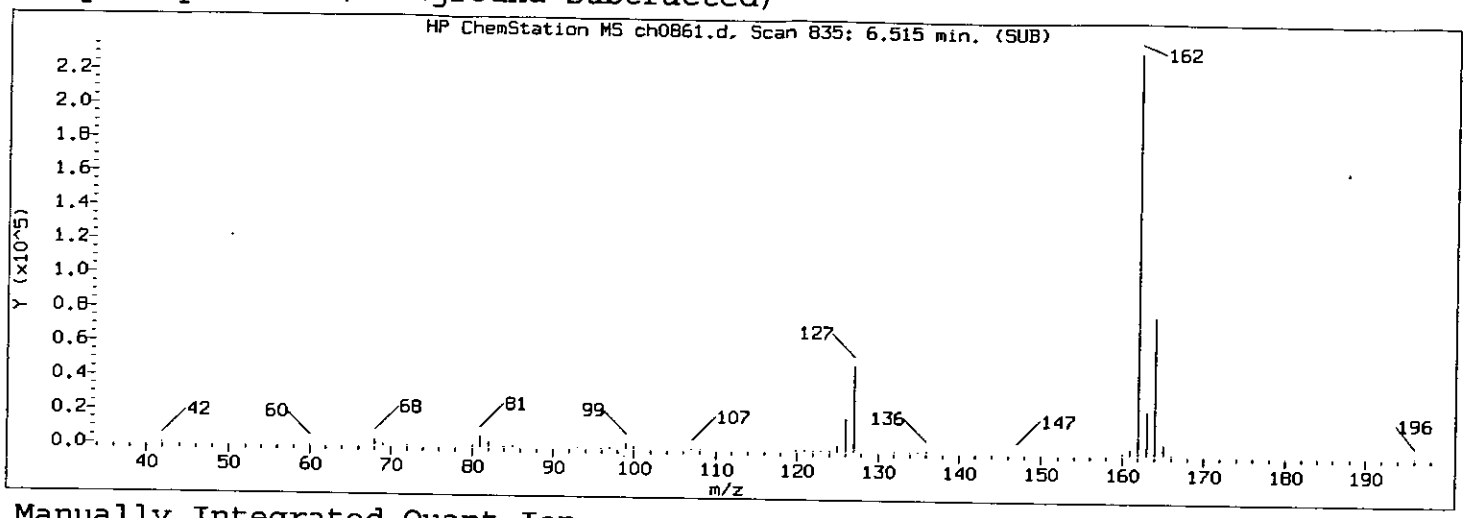
Sample Name: SSTD080 Lab Sample ID: STD2187

Compound Number : 72
Compound Name : 1-Chloronaphthalene
Scan Number : 829
Retention Time (minutes): 6.478
Quant Ion : 162
Area : 1200748
Concentration (ng/ul) : 187.7209
Integration start scan : 825 Integration stop scan: 836
Y at integration start : 0 Y at integration end: 0

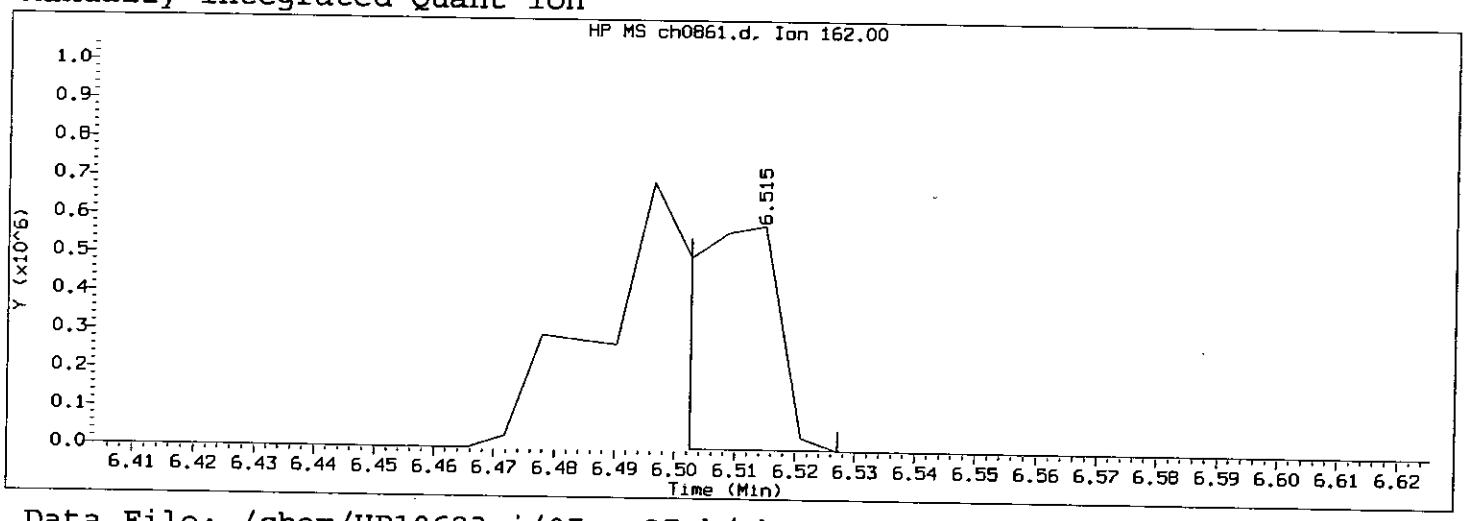
lmh 08/27/07 0728

Original Integration Report for data file /chem/HP10623.i/07aug27.b/ch0861.d, generated on 08/27/2007 at 20:18

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP10623.i/07aug27.b/ch0861.d Instrument ID: HP10623.i
Injection date and time: 27-AUG-2007 19:56 Analyst ID: lmh00956

Method used: /chem/HP10623.i/07aug27.b/m8270.m Sublist used: all1
Calibration date and time: 27-AUG-2007 20:17
Date, time and analyst ID of latest file update: 27-Aug-2007 20:17 lmh00956

Sample Name: SSTD080 Lab Sample ID: STD2187

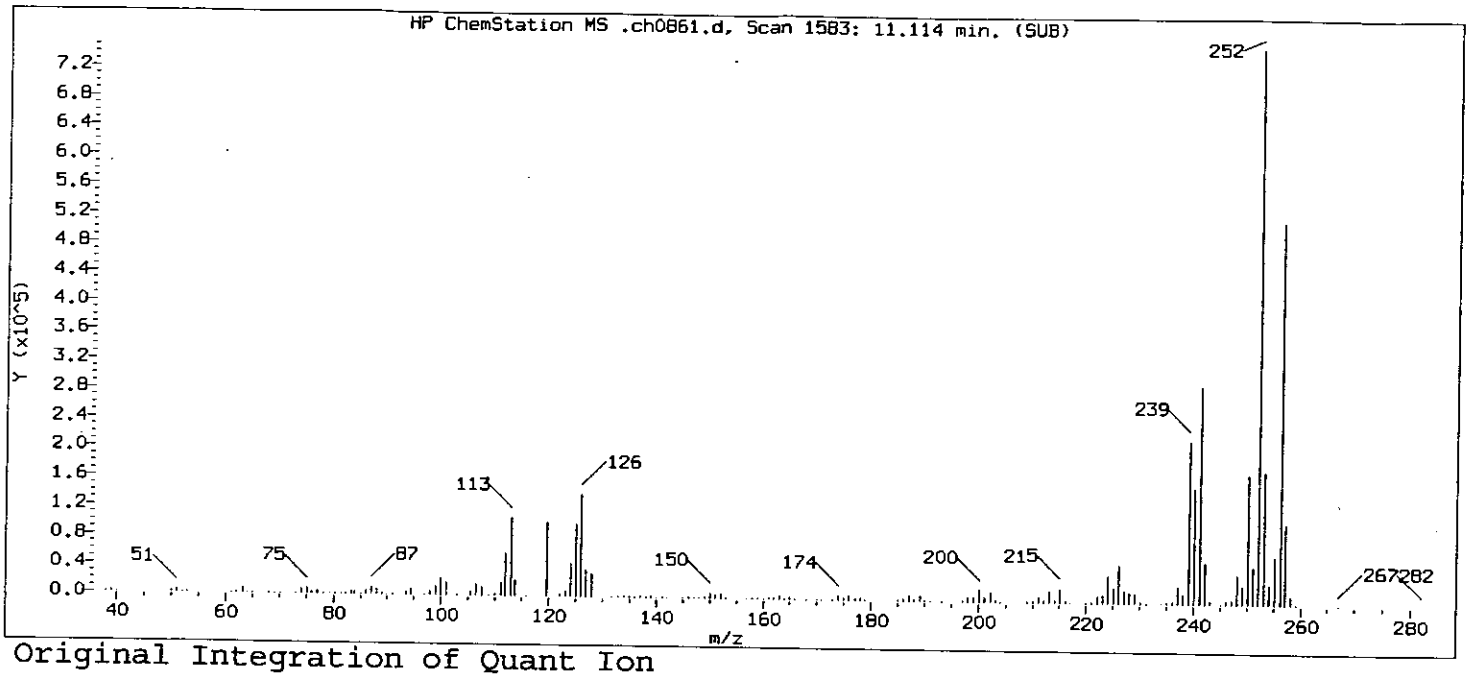
Compound Number	: 72		
Compound Name	: 1-Chloronaphthalene		
Scan Number	: 835		
Retention Time (minutes)	: 6.515		
Quant Ion	: 162		
Area (flag)	: 617240	M	
Concentration (ng/ul)	: 96.4972		
Integration start scan	: 832	Integration stop scan:	836
Y at integration start	: 1333	Y at integration end:	1333

Reason for manual integration (circle one): missed peak improper integration

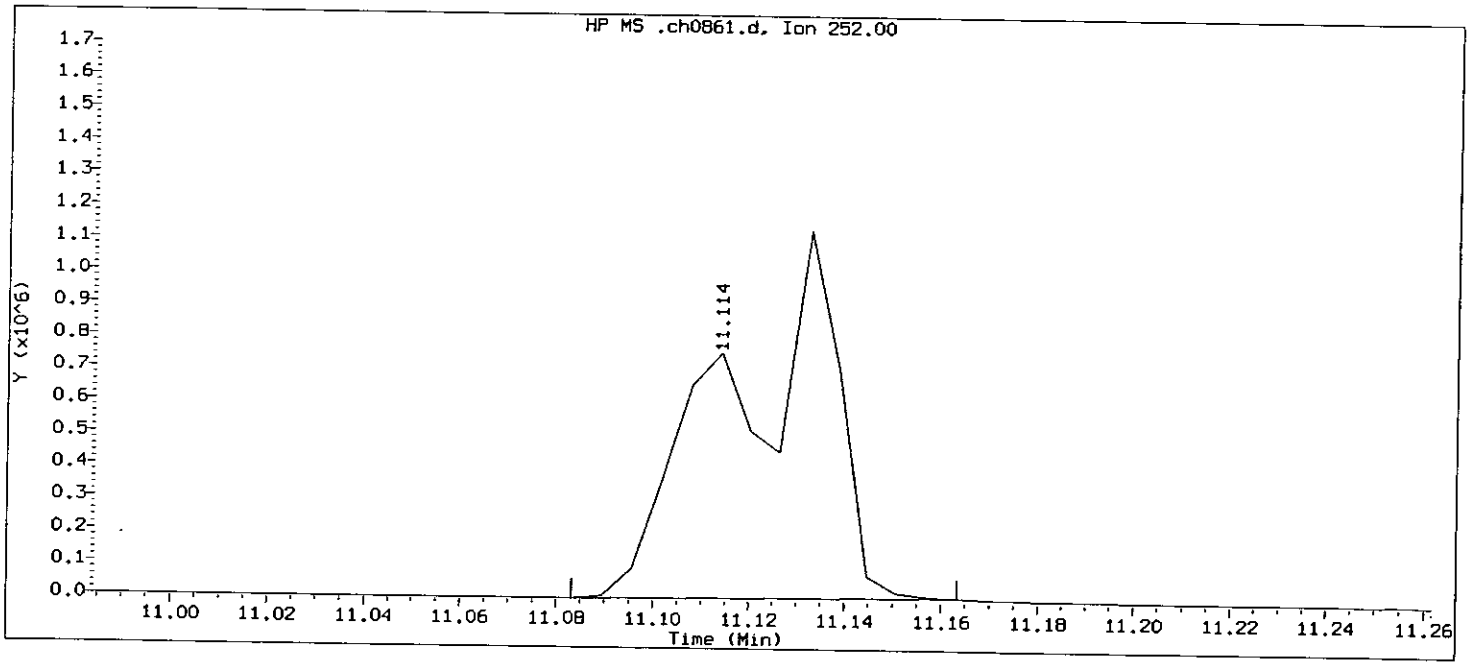
Analyst responsible for change: lmh195 08/27/07

GC/MS audit/management approval: mp1758 8/28/07 8721

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP10623.i/07aug27.b/ch0861.d Instrument ID: HP10623.i
Injection date and time: 27-AUG-2007 19:56 Analyst ID: lmh00956

Method used: /chem/HP10623.i/07aug27.b/m8270.m Sublist used: all1
Calibration date and time: 27-AUG-2007 20:11
Date, time and analyst ID of latest file update: 27-Aug-2007 20:11 Automation

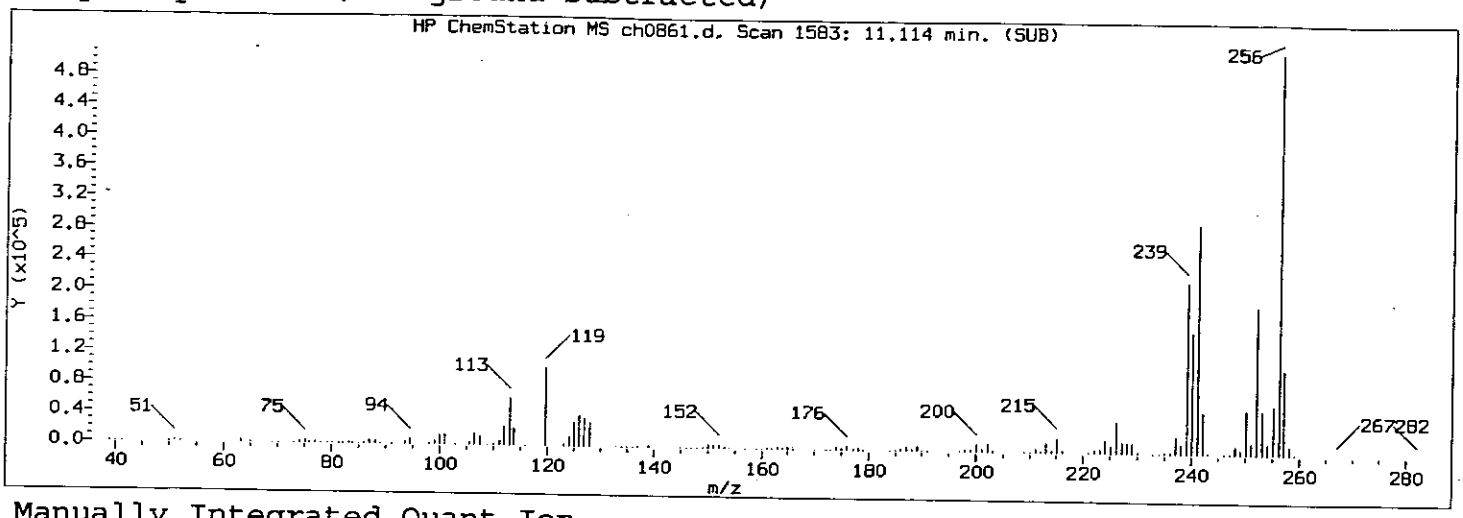
Sample Name: SSTD080 Lab Sample ID: STD2187

Compound Number	: 158
Compound Name	: Benzo(b)fluoranthene
Scan Number	: 1583
Retention Time (minutes)	: 11.114
Quant Ion	: 252
Area	: 1758401
Concentration (ng/ul)	: 161.8498
Integration start scan	: 1577 Integration stop scan: 1590
Y at integration start	: 0 Y at integration end: 9133

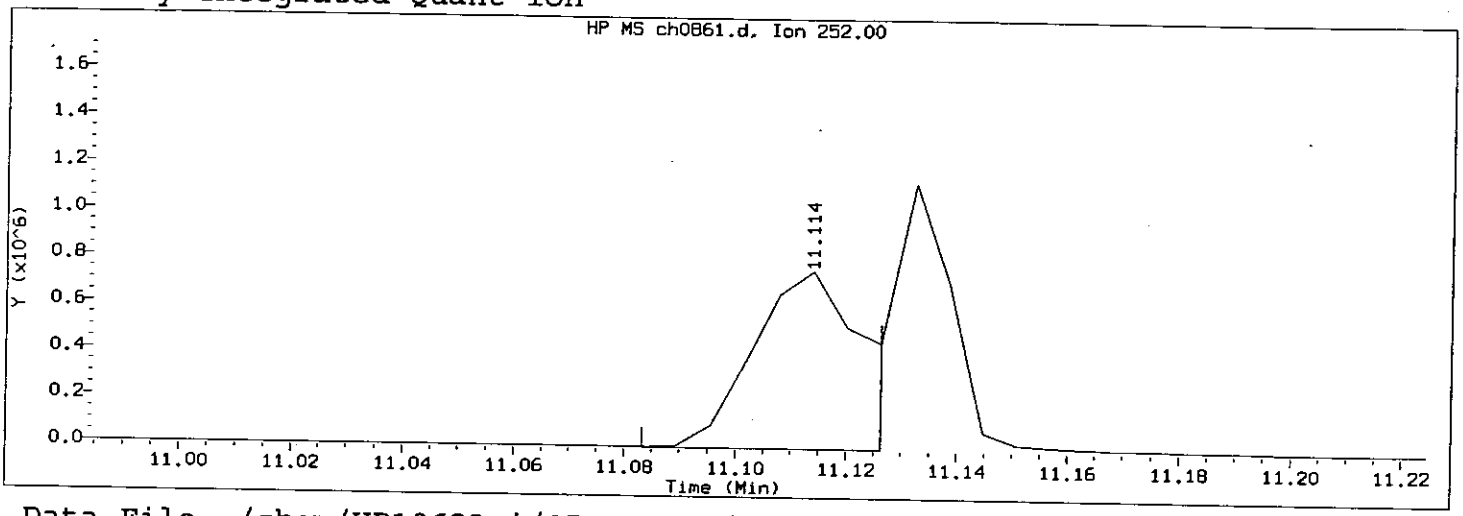
lmh 08/27/07 8722

Original Integration Report for data file /chem/HP10623.i/07aug27.b/ch0861.d, generated on 08/27/2007 at 20:18

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP10623.i/07aug27.b/ch0861.d Instrument ID: HP10623.i
Injection date and time: 27-AUG-2007 19:56 Analyst ID: lmh00956

Method used: /chem/HP10623.i/07aug27.b/m8270.m Sublist used: all1
Calibration date and time: 27-AUG-2007 20:17
Date, time and analyst ID of latest file update: 27-Aug-2007 20:17 lmh00956

Sample Name: SSTD080 Lab Sample ID: STD2187

Compound Number	:	158
Compound Name	:	Benzo(b)fluoranthene
Scan Number	:	1583
Retention Time (minutes)	:	11.114
Quant Ion	:	252
Area (flag)	:	1058549 M
Concentration (ng/ul)	:	97.4330
Integration start scan	:	1577 Integration stop scan: 1584
Y at integration start	:	-1531 Y at integration end: -1531

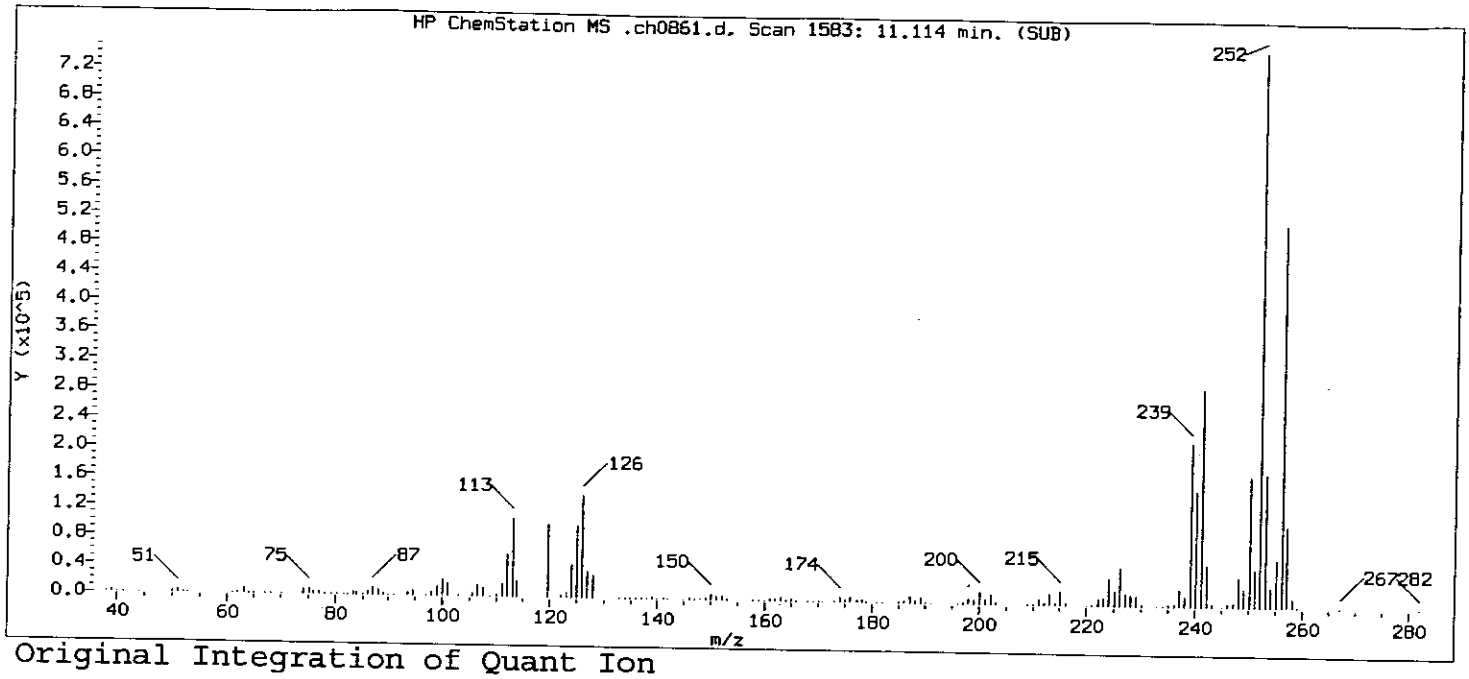
Reason for manual integration (circle one): missed peak improper integration

Analyst responsible for change: lmh758 08/28/07

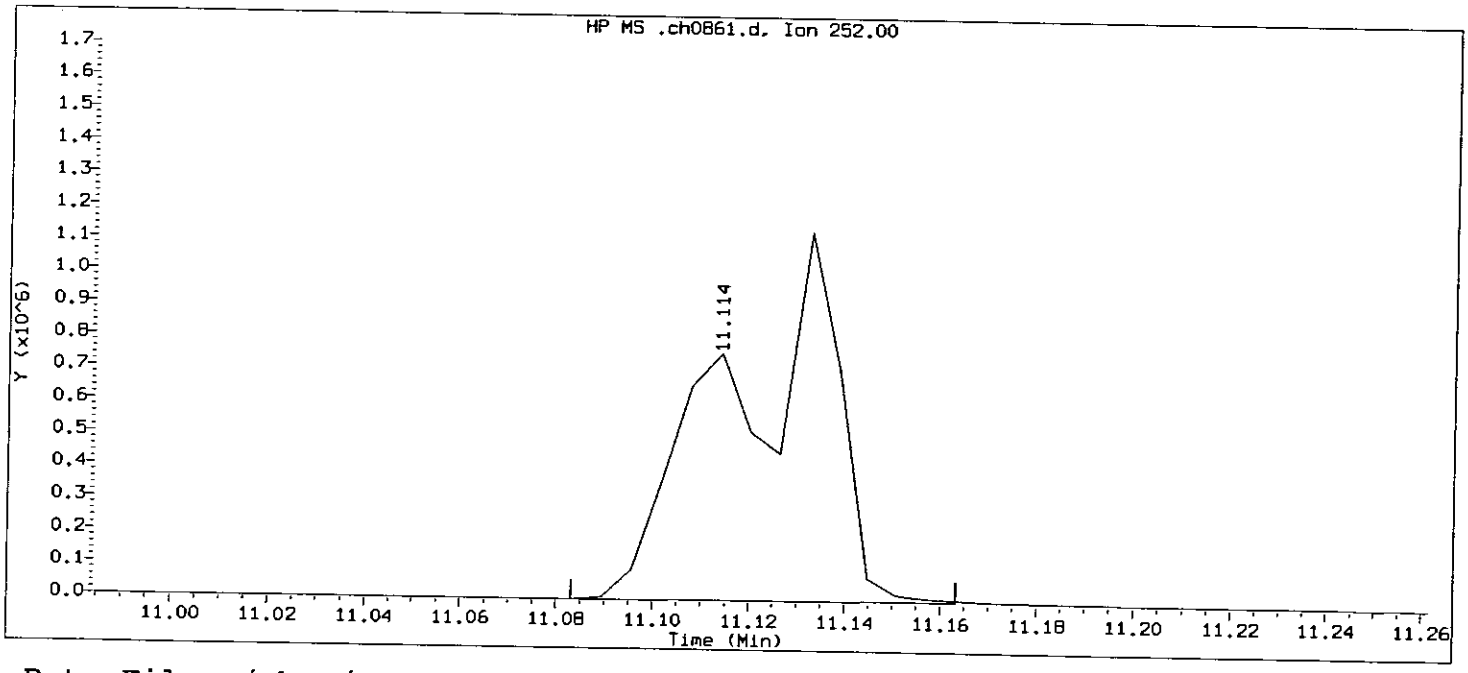
GC/MS audit/management approval: mp1758 8/28/07 8723

Manual Integration Report for data file /chem/HP10623.i/07aug27.b/ch0861.d, generated on 08/27/2007 at 20:18

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP10623.i/07aug27.b/ch0861.d
Injection date and time: 27-AUG-2007 19:56

Instrument ID: HP10623.i
Analyst ID: lmh00956

Method used: /chem/HP10623.i/07aug27.b/m8270.m
Calibration date and time: 27-AUG-2007 20:11

Sublist used: all1

Date, time and analyst ID of latest file update: 27-Aug-2007 20:11 Automation

Sample Name: SSTD080

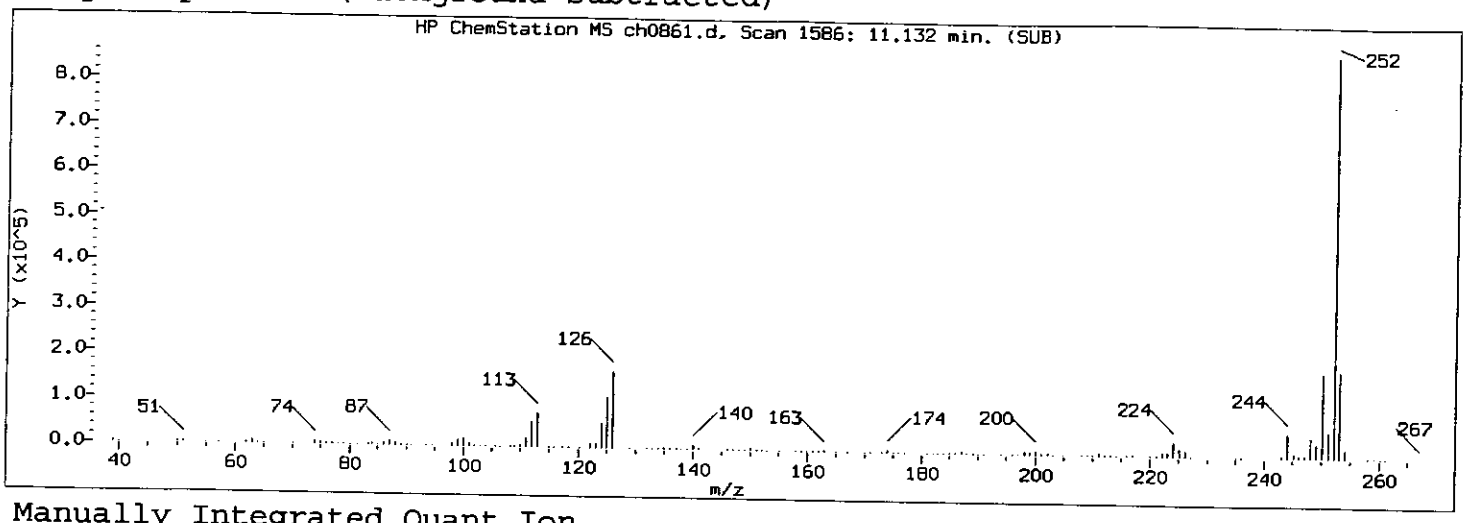
Lab Sample ID: STD2187

Compound Number	: 159
Compound Name	: Benzo(k)fluoranthene
Scan Number	: 1583
Retention Time (minutes)	: 11.114
Quant Ion	: 252
Area	: 1772146
Concentration (ng/ul)	: 158.2594
Integration start scan	: 1577 Integration stop scan: 1590
Y at integration start	: 0 Y at integration end: 3401

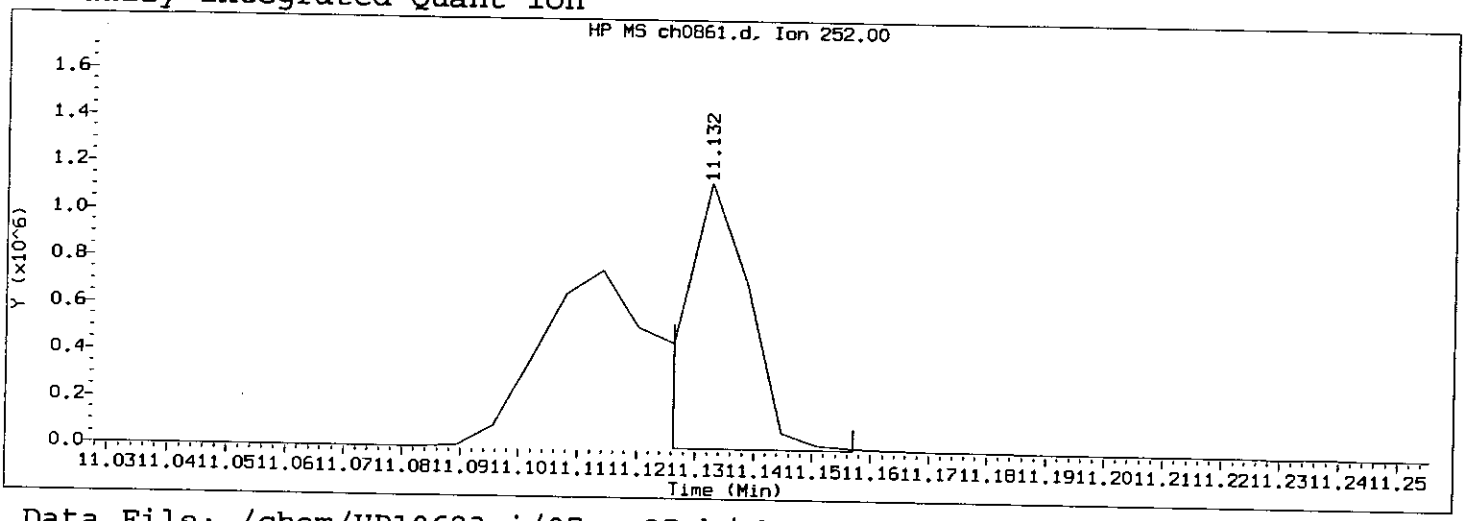
LMH 8/27/07 8724

Original Integration Report for data file /chem/HP10623.i/07aug27.b/ch0861.d, generated on 08/27/2007 at 20:18

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP10623.i/07aug27.b/ch0861.d Instrument ID: HP10623.i
Injection date and time: 27-AUG-2007 19:56 Analyst ID: lmh00956

Method used: /chem/HP10623.i/07aug27.b/m8270.m Sublist used: all1
Calibration date and time: 27-AUG-2007 20:17
Date, time and analyst ID of latest file update: 27-Aug-2007 20:17 lmh00956

Sample Name: SSTD080 Lab Sample ID: STD2187

Compound Number	: 159	
Compound Name	: Benzo(k)fluoranthene	
Scan Number	: 1586	
Retention Time (minutes)	: 11.132	
Quant Ion	: 252	
Area (flag)	: 879550	M
Concentration (ng/ul)	: 78.5473	
Integration start scan	: 1584	Integration stop scan: 1589
Y at integration start	: 5579	Y at integration end: 5579

Reason for manual integration (circle one): missed peak improper integration

Analyst responsible for change: lmh198 08/27/07

GC/MS audit/management approval: mp1758 8/28/07 8725

Manual Integration Report for data file /chem/HP10623.i/07aug27.b/ch0861.d, generated on 08/27/2007 at 20:18

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Instrument ID: HP10623 Calibration Date: 08/24/07 Time: 19:41

Lab File ID: ch0821.d Init. Calib. Date(s): 08/22/07 08/22/07

Init. Calib. Times(s): 10:29 12:16

Min RRF for SPCC(#) = 0.050 Max %Drift for CCC(*) = 20%

	COMPOUND	RRF	RRF50	ACTUAL CONC.	TRUE CONC.	% DRIFT
	N-Nitrosodimethylamine	0.854	0.935	54.740	50.0	9
	Pyridine	1.563	1.547	49.510	50.0	-1
	2-Picoline	1.599	1.468	45.890	50.0	-8
*	Phenol	1.993	2.188	54.900	50.0	10*
	Aniline	2.479	2.700	54.450	50.0	9
	bis(2-Chloroethyl)ether	1.545	1.640	53.090	50.0	6
	2-Chlorophenol	1.526	1.608	52.680	50.0	5
	1,3-Dichlorobenzene	1.585	1.612	50.840	50.0	2
*	1,4-Dichlorobenzene	1.625	1.669	51.350	50.0	3*
	Benzyl alcohol	1.098	1.137	51.740	50.0	3
	1,2-Dichlorobenzene	1.562	1.593	50.990	50.0	2
	2-Methylphenol	1.521	1.677	55.130	50.0	10
	2,2'-oxybis(1-Chloropropane)	1.298	1.323	50.930	50.0	2
	bis(2-Chloroisopropyl)ether	1.298	1.323	50.930	50.0	2
	Acetophenone	2.271	2.554	56.230	50.0	12
#	N-Nitroso-di-n-propylamine	1.116	1.243	55.690	50.0	11#
	4-Methylphenol	1.711	1.836	53.650	50.0	7
	o-Toluidine	2.559	2.873	56.130	50.0	12
	Hexachloroethane	0.587	0.591	50.320	50.0	1
	Nitrobenzene	0.358	0.368	51.340	50.0	3
	Isophorone	0.709	0.738	52.090	50.0	4
*	2-Nitrophenol	0.185	0.196	53.030	50.0	6*
	2,4-Dimethylphenol	0.357	0.383	53.620	50.0	7
	bis(2-Chloroethoxy)methane	0.388	0.398	51.400	50.0	3
	Benzoic acid	0.257	0.258	50.220	50.0	0
*	2,4-Dichlorophenol	0.299	0.311	52.010	50.0	4*
	1,2,4-Trichlorobenzene	0.300	0.300	50.020	50.0	0
	Naphthalene	1.049	1.064	50.750	50.0	2
	4-Chloroaniline	0.439	0.483	55.020	50.0	10
	2,6-Dichlorophenol	0.287	0.298	51.990	50.0	4
*	Hexachlorobutadiene	0.149	0.144	48.530	50.0	-3*
	Quinoline	0.722	0.786	54.410	50.0	9
	Caprolactam	0.127	0.153	60.080	50.0	20
*	4-Chloro-3-methylphenol	0.333	0.376	56.330	50.0	13*
	2-Methylnaphthalene	0.734	0.784	53.410	50.0	7
	1-Methylnaphthalene	0.703	0.749	53.220	50.0	6

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MM198 08/29/07

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Instrument ID: HP10623 Calibration Date: 08/24/07 Time: 19:41

Lab File ID: ch0821.d Init. Calib. Date(s): 08/22/07 08/22/07

Init. Calib. Times(s): 10:29 12:16

Min RRF for SPCC(#) = 0.050 Max %Drift for CCC(*) = 20%

	COMPOUND	RRF	RRF50	ACTUAL CONC.	TRUE CONC.	% DRIFT
#	Hexachlorocyclopentadiene	0.123	0.124	41.250	50.0	-18#
	1,2,4,5-Tetrachlorobenzene	0.460	0.443	48.150	50.0	-4
*	2,4,6-Trichlorophenol	0.338	0.339	50.150	50.0	0*
	2,4,5-Trichlorophenol	0.386	0.396	51.300	50.0	3
	Biphenyl	1.420	1.404	49.470	50.0	-1
	Diphenyl	1.420	1.404	49.470	50.0	-1
	1,1'-Biphenyl	1.420	1.404	49.470	50.0	-1
	2-Chloronaphthalene	1.431	1.460	51.030	50.0	2
	1-Chloronaphthalene	1.213	1.134	46.740	50.0	-7
	Diphenyl ether	0.786	0.760	48.340	50.0	-3
	2-Nitroaniline	0.409	0.439	53.680	50.0	7
	Dimethylphthalate	1.317	1.397	53.060	50.0	6
	2,6-Dinitrotoluene	0.314	0.331	52.760	50.0	6
	Acenaphthylene	1.636	1.692	51.710	50.0	3
	3-Nitroaniline	0.352	0.393	55.940	50.0	12
*	Acenaphthene	1.140	1.182	51.880	50.0	4*
#	2,4-Dinitrophenol	0.147	0.161	50.970	50.0	2#
	Pentachlorobenzene	0.449	0.452	50.410	50.0	1
#	4-Nitrophenol	0.179	0.210	58.640	50.0	17#
	Dibenzofuran	1.612	1.670	51.820	50.0	4
	2,4-Dinitrotoluene	0.416	0.453	54.410	50.0	9
	1-Naphthylamine	1.133	1.292	57.030	50.0	14
	2,3,4,6-Tetrachlorophenol	0.282	0.294	52.280	50.0	5
	2-Naphthylamine	1.154	1.348	58.410	50.0	17
	Diethylphthalate	1.348	1.436	53.290	50.0	7
	Fluorene	1.341	1.403	52.330	50.0	5
	4-Chlorophenyl-phenylether	0.589	0.604	51.300	50.0	3
	4-Nitroaniline	0.380	0.440	57.800	50.0	16
	4,6-Dinitro-2-methylphenol	0.116	0.128	55.040	50.0	10
*	N-Nitrosodiphenylamine (1)	0.536	0.537	50.060	50.0	0*
	1,2-Diphenylhydrazine	0.699	0.674	48.260	50.0	-3
	Phorate	0.513	0.418	40.720	50.0	-19
	4-Bromophenyl-phenylether	0.198	0.197	49.650	50.0	-1
	Hexachlorobenzene	0.234	0.236	50.420	50.0	1
*	Pentachlorophenol	0.133	0.135	50.650	50.0	1*
	Phenanthrene	1.067	1.099	51.510	50.0	3

8727

(1) Cannot be Separated from Diphenylamine

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Instrument ID: HP10623 Calibration Date: 08/24/07 Time: 19:41

Lab File ID: ch0821.d Init. Calib. Date(s): 08/22/07 08/22/07

Init. Calib. Times(s): 10:29 12:16

Min RRF for SPCC(#) = 0.050 Max %Drift for CCC(*) = 20%

	COMPOUND	RRF	RRF50	ACTUAL CONC.	TRUE CONC.	% DRIFT
	Dinoseb	0.151	0.176	50.930	50.0	2
	Anthracene	1.104	1.136	51.430	50.0	3
	Carbazole	1.001	1.076	53.740	50.0	7
	Methyl parathion	0.224	0.239	53.460	50.0	7
	Ronnel	0.291	0.300	51.410	50.0	3
	Di-n-butylphthalate	1.251	1.331	53.210	50.0	6
	Parathion	0.149	0.164	55.240	50.0	10
*	Fluoranthene	1.156	1.257	54.370	50.0	9*
	Benzidine	0.768	0.785	153.270	150.0	2
	Pyrene	1.321	1.293	48.960	50.0	-2
	Butylbenzylphthalate	0.643	0.643	50.010	50.0	0
	3,3'-Dichlorobenzidine	0.465	0.490	52.750	50.0	6
	Benzo(a)anthracene	1.125	1.173	52.130	50.0	4
	Hexabromobenzene	0.013	0.015	57.840	50.0	16
	4,4'-Methylenebis(2-Chloroanil	0.240	0.253	52.870	50.0	6
	Chrysene	1.142	1.128	49.390	50.0	-1
	bis(2-Ethylhexyl)phthalate	0.906	0.929	51.260	50.0	3
	6-Methylchrysene	0.877	0.911	51.960	50.0	4
*	Di-n-octylphthalate	1.581	1.669	52.790	50.0	6*
	7,12-Dimethylbenz[a]anthracene	0.602	0.678	56.340	50.0	13
	Benzo(b)fluoranthene	1.338	1.508	56.330	50.0	13
	Benzo(k)fluoranthene	1.379	1.335	48.400	50.0	-3
*	Benzo(a)pyrene	1.273	1.316	51.720	50.0	3*
	3-Methylcholanthrene	0.708	0.746	52.740	50.0	5
	Dibenz(a,h)acridine	1.051	1.098	52.250	50.0	4
	Dibenz(a,j)acridine	1.149	1.125	48.950	50.0	-2
	Indeno(1,2,3-cd)pyrene	1.547	1.546	49.980	50.0	0
	Dibenz(a,h)anthracene	1.232	1.246	50.560	50.0	1
	Benzo(g,h,i)perylene	1.309	1.290	49.270	50.0	-1
	2-Fluorophenol	1.406	1.424	50.630	50.0	1
	Phenol-d5	1.846	2.058	55.740	50.0	11
	Phenol-d6	1.846	2.058	55.740	50.0	11
	Nitrobenzene-d5	0.348	0.359	51.700	50.0	3
	2-Fluorobiphenyl	1.241	1.224	49.340	50.0	-1
	2,4,6-Tribromophenol	0.234	0.272	58.040	50.0	16

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Instrument ID: HP10623 Calibration Date: 08/24/07 Time: 19:41

Lab File ID: ch0821.d Init. Calib. Date(s): 08/22/07 08/22/07

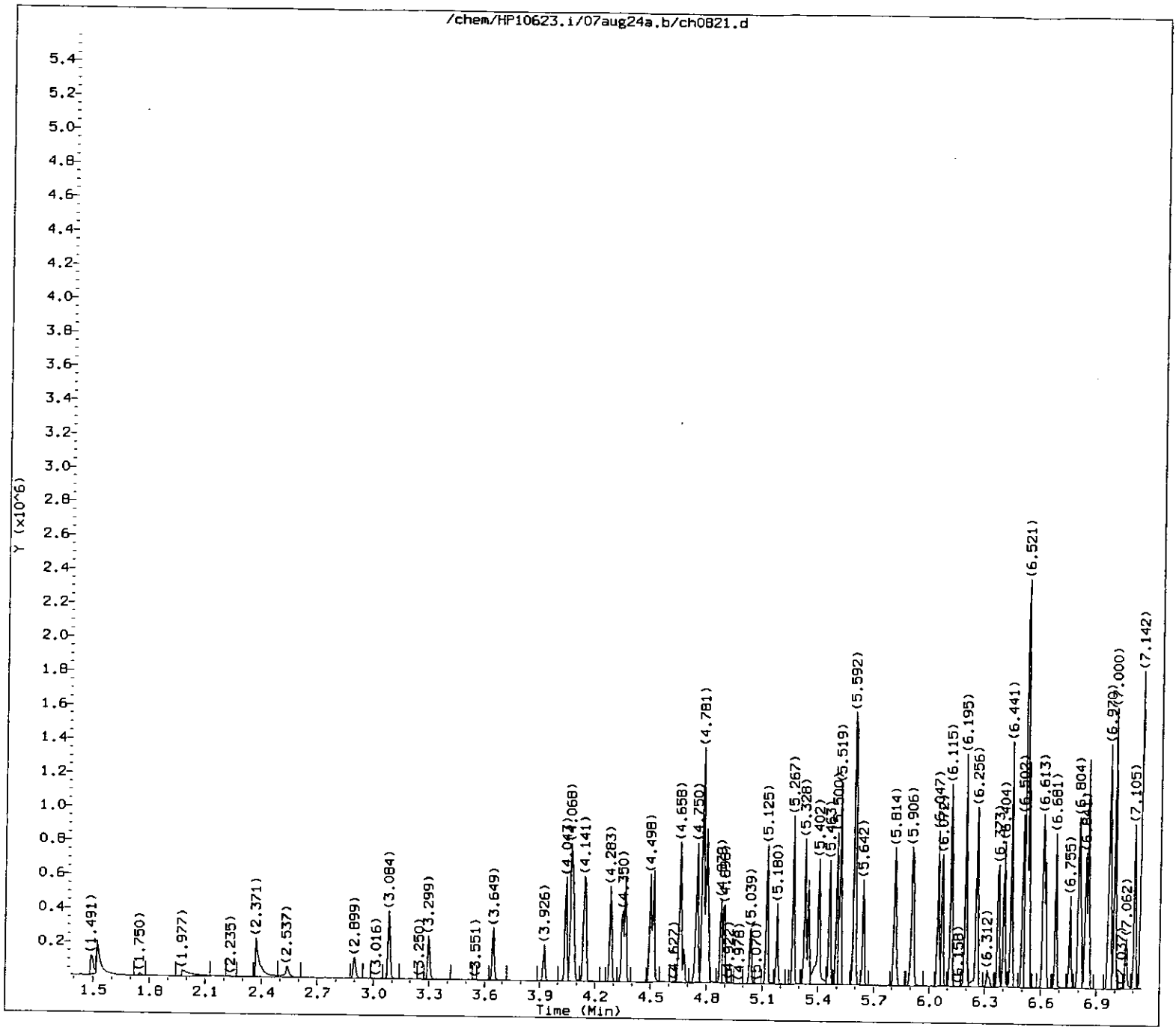
Init. Calib. Times(s): 10:29 12:16

Min RRF for SPCC(#) = 0.050 Max %Drift for CCC(*) = 20%

COMPOUND	RRF	RRF50	ACTUAL CONC.	TRUE CONC.	% DRIFT
Terphenyl-d14	0.902	0.900	49.890	50.0	0

Average %Drift: 6

8729



Quant Report

Target Revision 3.5

Data File: /chem/HP10623.i/07aug24a.b/ch0821.d
Injection date and time: 24-AUG-2007 19:41
Instrument ID: HP10623.i
Analyst ID: lmh00956

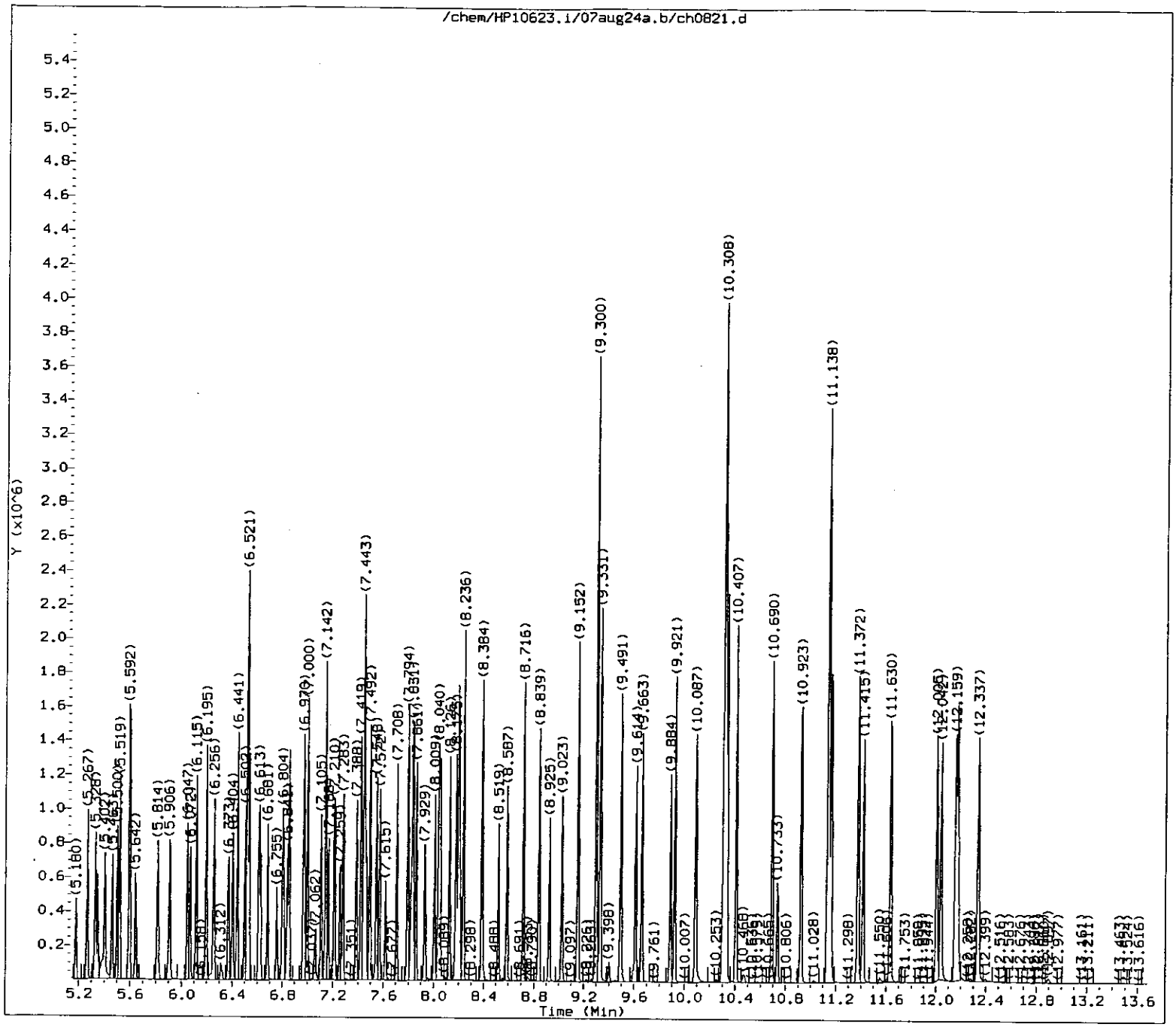
Method used: /chem/HP10623.i/07aug24a.b/m8270.m
Calibration date and time: 24-AUG-2007 20:06
Sublist used: all1

Date, time and analyst ID of latest file update: 24-Aug-2007 20:06 lmh00956

Sample Name: SSTD050
Lab Sample ID: STD2187

8738

lmh 8/30/07



Quant Report

Target Revision 3.5

Data File: /chem/HP10623.i/07aug24a.b/ch0821.d Instrument ID: HP10623.i
Injection date and time: 24-AUG-2007 19:41 Analyst ID: lmh00956

Method used: /chem/HP10623.i/07aug24a.b/m8270.m Sublist used: all1
Calibration date and time: 24-AUG-2007 20:06
Date, time and analyst ID of latest file update: 24-Aug-2007 20:06 lmh00956

Sample Name: SSTD050 Lab Sample ID: STD2187

8731

LMH 8/30/07

Quant Report

Target Revision 3.5

Data File: /chem/HP10623.i/07aug24a.b/ch0821.d Instrument ID: HP10623.i
Injection date and time: 24-AUG-2007 19:41 Analyst ID: lmh00956

Method used: /chem/HP10623.i/07aug24a.b/m8270.m Sublist used: all1
Calibration date and time: 24-AUG-2007 20:06
Date, time and analyst ID of latest file update: 24-Aug-2007 20:06 lmh00956

Sample Name: SSTD050 Lab Sample ID: STD2187

	Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
2)	N-Nitrosodimethylamine	(1)	1.491	74	68120	54.7375
3)	Pyridine	(1)	1.522	79	112782	49.5109
5)	2-Picoline	(1)	2.371	93	107002	45.8936
15)	Phenol	(1)	4.080	94	159495	54.9046
16)	Aniline	(1)	4.043	93	196785	54.4544
18)	bis(2-Chloroethyl)ether	(1)	4.141	93	119560	53.0856
19)	2-Chlorophenol	(1)	4.147	128	117201	52.6849
20)	1,3-Dichlorobenzene	(1)	4.283	146	117465	50.8354
21)	1,4-Dichlorobenzene-d4	(1)	4.350	152	58312	40.0000
22)	1,4-Dichlorobenzene	(1)	4.363	146	121618	51.3510
23)	Benzyl alcohol	(1)	4.516	108	82849	51.7435
24)	1,2-Dichlorobenzene	(1)	4.498	146	116099	50.9851
25)	2-Methylphenol	(1)	4.658	108	122235	55.1341
26)	2,2'-oxybis(1-Chloropropane)	(1)	4.658	45	96405	50.9309
27)	bis(2-Chloroisopropyl)ether	(1)	4.658	45	96405	50.9309
29)	Acetophenone	(1)	4.750	105	186165	56.2313
30)	N-Nitroso-di-n-propylamine	(1)	4.775	70	90633	55.6888
31)	4-Methylphenol	(1)	4.799	108	133842	53.6484
33)	o-Toluidine	(1)	4.781	106	209436	56.1343
34)	Hexachloroethane	(1)	4.805	117	43056	50.3178
36)	Nitrobenzene	(2)	4.898	77	133189	51.3415
38)	Isophorone	(2)	5.125	82	267357	52.0904
39)	2-Nitrophenol	(2)	5.180	139	70980	53.0334
40)	2,4-Dimethylphenol	(2)	5.267	107	138575	53.6160
42)	bis(2-Chloroethoxy)methane	(2)	5.346	93	144274	51.3959
43)	Benzoic acid	(2)	5.389	105	93309	50.2187
44)	2,4-Dichlorophenol	(2)	5.402	162	112488	52.0081
45)	1,2,4-Trichlorobenzene	(2)	5.463	180	108588	50.0201
46)	Naphthalene-d8	(2)	5.500	136	289725	40.0000
47)	Naphthalene	(2)	5.519	128	385459	50.7517
48)	4-Chloroaniline	(2)	5.592	127	175037	55.0236
49)	2,6-Dichlorophenol	(2)	5.592	162	107872	51.9875
51)	Hexachlorobutadiene	(2)	5.642	225	52307	48.5323
52)	Quinoline	(2)	5.814	129	284496	54.4147
53)	Caprolactam	(2)	5.912	113	55248	60.0776
55)	4-Chloro-3-methylphenol	(2)	6.047	107	136014	56.3280
58)	2-Methylnaphthalene	(2)	6.115	142	283886	53.4118
60)	1-Methylnaphthalene	(2)	6.195	142	271146	53.2206
61)	Hexachlorocyclopentadiene	(3)	6.250	237	31148	41.2459
62)	1,2,4,5-Tetrachlorobenzene	(3)	6.256	216	111123	48.1541
64)	2,4,6-Trichlorophenol	(3)	6.373	196	85110	50.1512
65)	2,4,5-Trichlorophenol	(3)	6.404	196	99291	51.2965
68)	Biphenyl	(3)	6.515	154	352094	49.4660

M = Compound was manually integrated. A = User selected an alternate hit

Quant Report

Target Revision 3.5

Data File: /chem/HP10623.i/07aug24a.b/ch0821.d Instrument ID: HP10623.i
Injection date and time: 24-AUG-2007 19:41 Analyst ID: lmh00956

Method used: /chem/HP10623.i/07aug24a.b/m8270.m Sublist used: all1
Calibration date and time: 24-AUG-2007 20:06
Date, time and analyst ID of latest file update: 24-Aug-2007 20:06 lmh00956

Sample Name: SSTD050 Lab Sample ID: STD2187

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
69) Diphenyl	(3)	6.515	154	352094	49.4660
70) 1,1'-Biphenyl	(3)	6.515	154	352094	49.4660
71) 2-Chloronaphthalene	(3)	6.521	162	366081M	51.0312
72) 1-Chloronaphthalene	(3)	6.533	162	284210M	46.7445
73) Diphenyl ether	(3)	6.613	170	190604	48.3421
74) 2-Nitroaniline	(3)	6.625	138	109983	53.6789
77) Dimethylphthalate	(3)	6.804	163	350256	53.0565
79) 2,6-Dinitrotoluene	(3)	6.841	165	83059	52.7599
80) Acenaphthylene	(3)	6.853	152	424331	51.7120
81) 3-Nitroaniline	(3)	6.964	138	98603	55.9443
82) Acenaphthene-d10	(3)	6.970	164	200575	40.0000
83) Acenaphthene	(3)	7.000	153	296440	51.8796
84) 2,4-Dinitrophenol	(3)	7.062	184	40390	50.9708
85) Pentachlorobenzene	(3)	7.105	250	113370	50.4114
86) 4-Nitrophenol	(3)	7.142	109	52721	58.6447
87) Dibenzofuran	(3)	7.142	168	418810	51.8228
88) 2,4-Dinitrotoluene	(3)	7.166	165	113592	54.4085
90) 1-Naphthylamine	(3)	7.216	143	323913	57.0336
91) 2,3,4,6-Tetrachlorophenol	(3)	7.259	232	73786	52.2751
92) 2-Naphthylamine	(3)	7.283	143	338050	58.4091
93) Diethylphthalate	(3)	7.388	149	360126	53.2907
94) Fluorene	(3)	7.419	166	351834	52.3262
96) 4-Chlorophenyl-phenylether	(3)	7.443	204	151434	51.2956
98) 4-Nitroaniline	(3)	7.468	138	110197 A	57.7952
99) 4,6-Dinitro-2-methylphenol	(4)	7.492	198	63588	55.0422
102) N-Nitrosodiphenylamine	(4)	7.548	169	266317	50.0594
103) 1,2-Diphenylhydrazine	(4)	7.572	77	334491	48.2645
108) Phorate	(4)	7.794	75	207275	40.7207
110) 4-Bromophenyl-phenylether	(4)	7.837	248	97511	49.6455
112) Hexachlorobenzene	(4)	7.861	284	116843	50.4229
116) Pentachlorophenol	(4)	8.040	266	67012	50.6451
120) Phenanthrene-d10	(4)	8.175	188	396794	40.0000
121) Phenanthrene	(4)	8.193	178	544986	51.5072
122) Dinoseb	(4)	8.212	211	87221	50.9343
124) Anthracene	(4)	8.236	178	563386	51.4274
125) Carbazole	(4)	8.384	167	533829	53.7403
126) Methyl parathion	(4)	8.519	109	118736	53.4617
127) Ronnel	(4)	8.587	285	148614	51.4050
128) Di-n-butylphthalate	(4)	8.716	149	660210	53.2051
129) Parathion	(4)	8.839	109	81521	55.2395
134) Fluoranthene	(4)	9.152	202	623670	54.3675
135) Benzidine	(5)	9.300	184	1164732	153.2679
136) Pyrene	(5)	9.331	202	639612	48.9606

M = Compound was manually integrated. A = User selected an alternate hit

Quant Report

Target Revision 3.5

Data File: /chem/HP10623.i/07aug24a.b/ch0821.d Instrument ID: HP10623.i
Injection date and time: 24-AUG-2007 19:41 Analyst ID: lmh00956

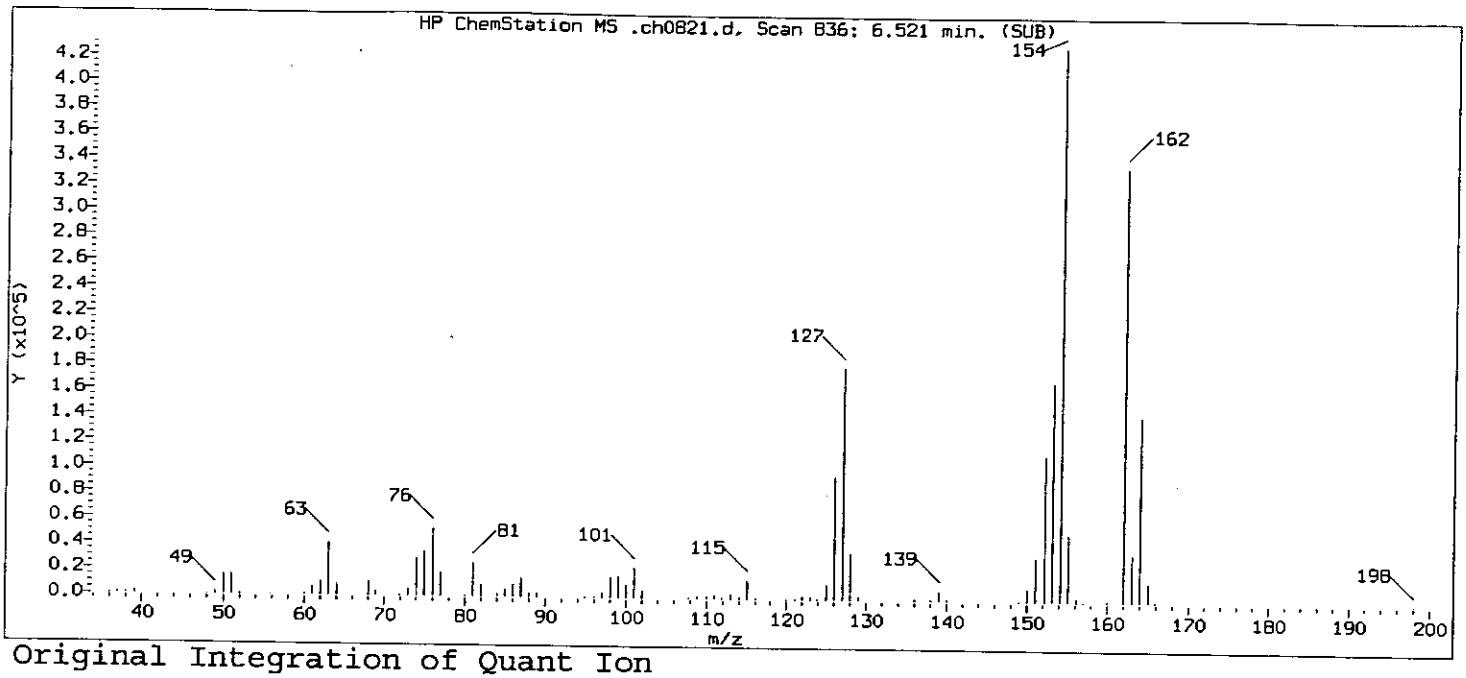
Method used: /chem/HP10623.i/07aug24a.b/m8270.m Sublist used: all1
Calibration date and time: 24-AUG-2007 20:06
Date, time and analyst ID of latest file update: 24-Aug-2007 20:06 lmh00956

Sample Name: SSTD050 Lab Sample ID: STD2187

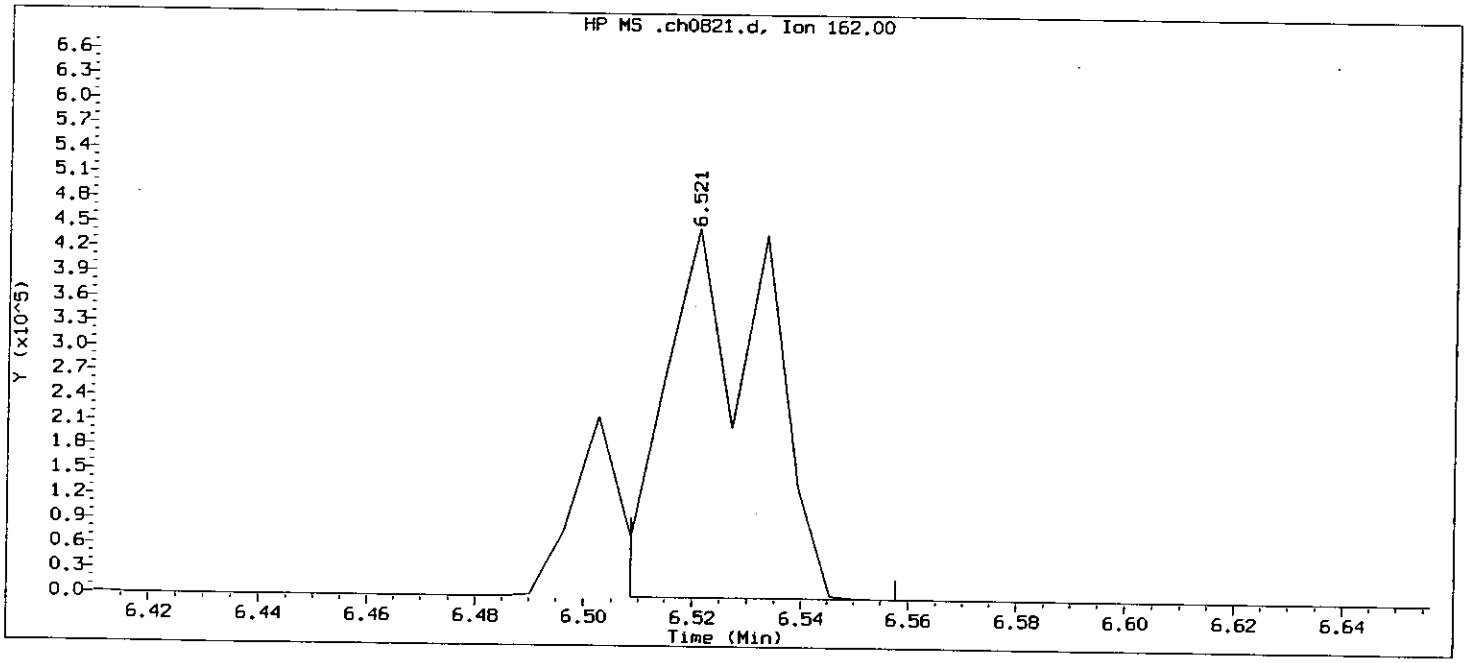
	Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
143)	Butylbenzylphthalate	(5)	9.921	149	318129	50.0117
145)	3,3'-Dichlorobenzidine	(5)	10.308	252	242574	52.7522
146)	Benzo(a)anthracene	(5)	10.302	228	580061	52.1306
147)	Hexabromobenzene	(5)	10.308	552	7341	57.8371
148)	4,4'-Methylenebis(2-Chloroanil	(5)	10.321	231	125258	52.8733
149)	Chrysene-d12	(5)	10.315	240	395653	40.0000
150)	Chrysene	(5)	10.333	228	557840	49.3886
151)	bis(2-Ethylhexyl)phthalate	(5)	10.407	149	459293	51.2627
152)	6-Methylchrysene	(5)	10.690	242	450728	51.9580
156)	Di-n-octylphthalate	(6)	10.923	149	787709	52.7879
157)	7,12-Dimethylbenz[a]anthracene	(6)	11.138	256	320081	56.3367
158)	Benzo(b)fluoranthene	(6)	11.138	252	711523	56.3285
159)	Benzo(k)fluoranthene	(6)	11.163	252	630163	48.4025
160)	Benzo(a)pyrene	(6)	11.372	252	621226	51.7208
161)	Perylene-d12	(6)	11.415	264	377521	40.0000
162)	3-Methylcholanthrene	(6)	11.637	268	352249	52.7392
166)	Dibenz(a,h)acridine	(6)	12.005	279	518077	52.2467
167)	Dibenz(a,j)acridine	(6)	12.042	279	530717	48.9520
168)	Indeno(1,2,3-cd)pyrene	(6)	12.159	276	729709	49.9814
169)	Dibenz(a,h)anthracene	(6)	12.171	278	587870	50.5617
170)	Benzo(g,h,i)perylene	(6)	12.337	276	608791	49.2703
9)	2-Fluorophenol	(1)	3.084	112	103793	50.6293
13)	Phenol-d5	(1)	4.068	99	150019	55.7370
14)	Phenol-d6	(1)	4.068	99	150019	55.7370
35)	Nitrobenzene-d5	(2)	4.879	82	130172	51.6985
66)	2-Fluorobiphenyl	(3)	6.441	172	306942	49.3400
104)	2,4,6-Tribromophenol	(3)	7.621	330	68116	58.0438
138)	Terphenyl-d14	(5)	9.491	244	444994	49.8949

M = Compound was manually integrated. A = User selected an alternate hit

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP10623.i/07aug24a.b/ch0821.d Instrument ID: HP10623.i
Injection date and time: 24-AUG-2007 19:41 Analyst ID: lmh00956

Method used: /chem/HP10623.i/07aug24a.b/m8270.m Sublist used: all1
Calibration date and time: 24-AUG-2007 19:56
Date, time and analyst ID of latest file update: 24-Aug-2007 19:56 Automation

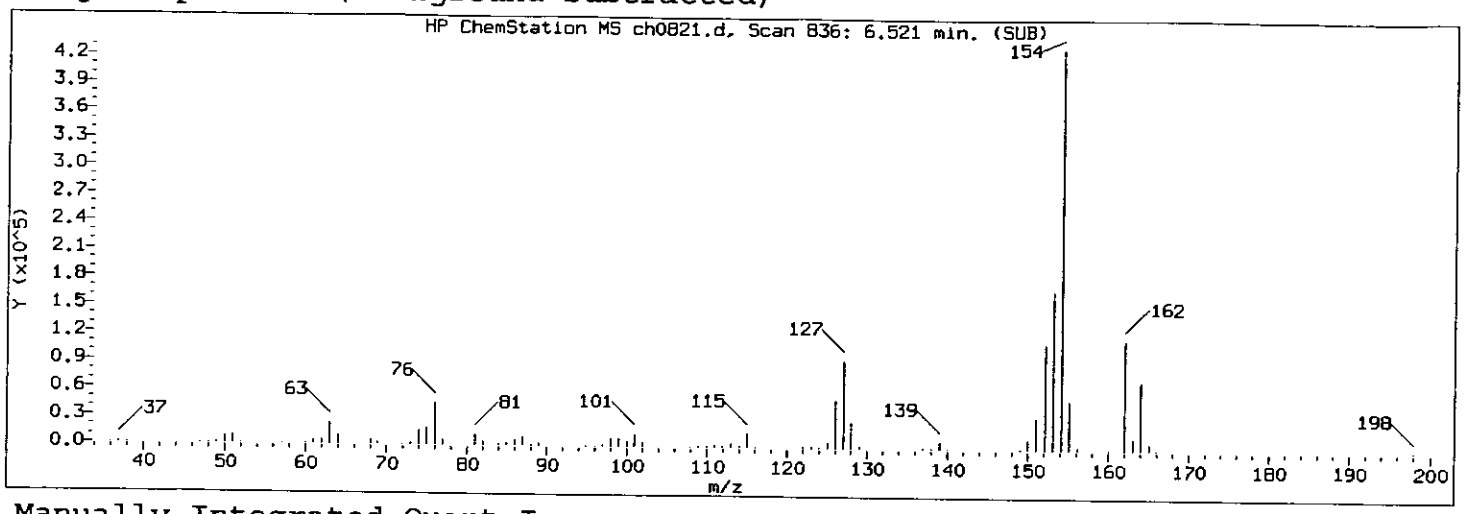
Sample Name: SSTD050 Lab Sample ID: STD2187

Compound Number	: 71
Compound Name	: 2-Chloronaphthalene
Scan Number	: 836
Retention Time (minutes)	: 6.521
Quant Ion	: 162
Area	: 565835
Concentration (ng/ul)	: 78.8763
Integration start scan	: 833 Integration stop scan: 841
Y at integration start	: 0 Y at integration end: 0

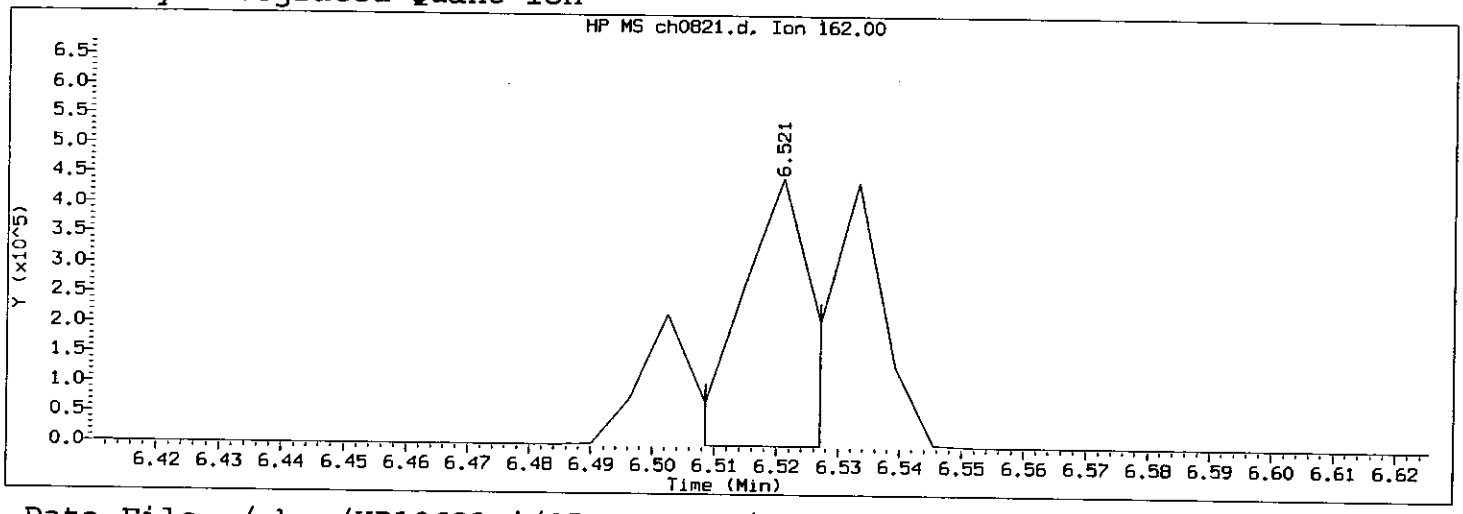
lmh 8/24/07 8735

Original Integration Report for data file /chem/HP10623.i/07aug24a.b/ch0821.d, generated on 08/24/2007 at 20:06

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP10623.i/07aug24a.b/ch0821.d Instrument ID: HP10623.i
Injection date and time: 24-AUG-2007 19:41 Analyst ID: lmh00956

Method used: /chem/HP10623.i/07aug24a.b/m8270.m Sublist used: all1
Calibration date and time: 24-AUG-2007 20:06
Date, time and analyst ID of latest file update: 24-Aug-2007 20:06 lmh00956

Sample Name: SSTD050 Lab Sample ID: STD2187

Compound Number : 71
Compound Name : 2-Chloronaphthalene
Scan Number : 836
Retention Time (minutes): 6.521
Quant Ion : 162
Area (flag) : 366081 M
Concentration (ng/ul) : 51.0312
Integration start scan : 833 Integration stop scan: 836
Y at integration start : 0 Y at integration end: 0

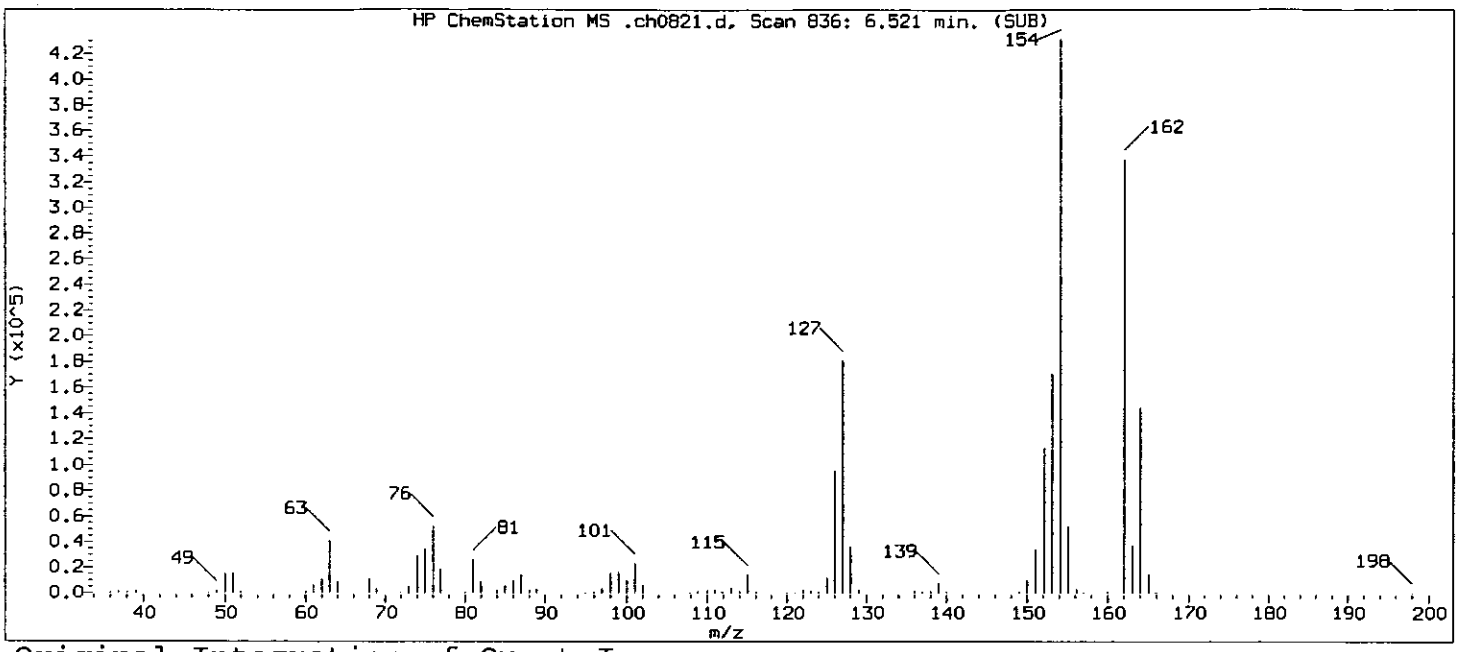
Reason for manual integration (circle one): missed peak improper integration

Analyst responsible for change: lmh956 08/24/07

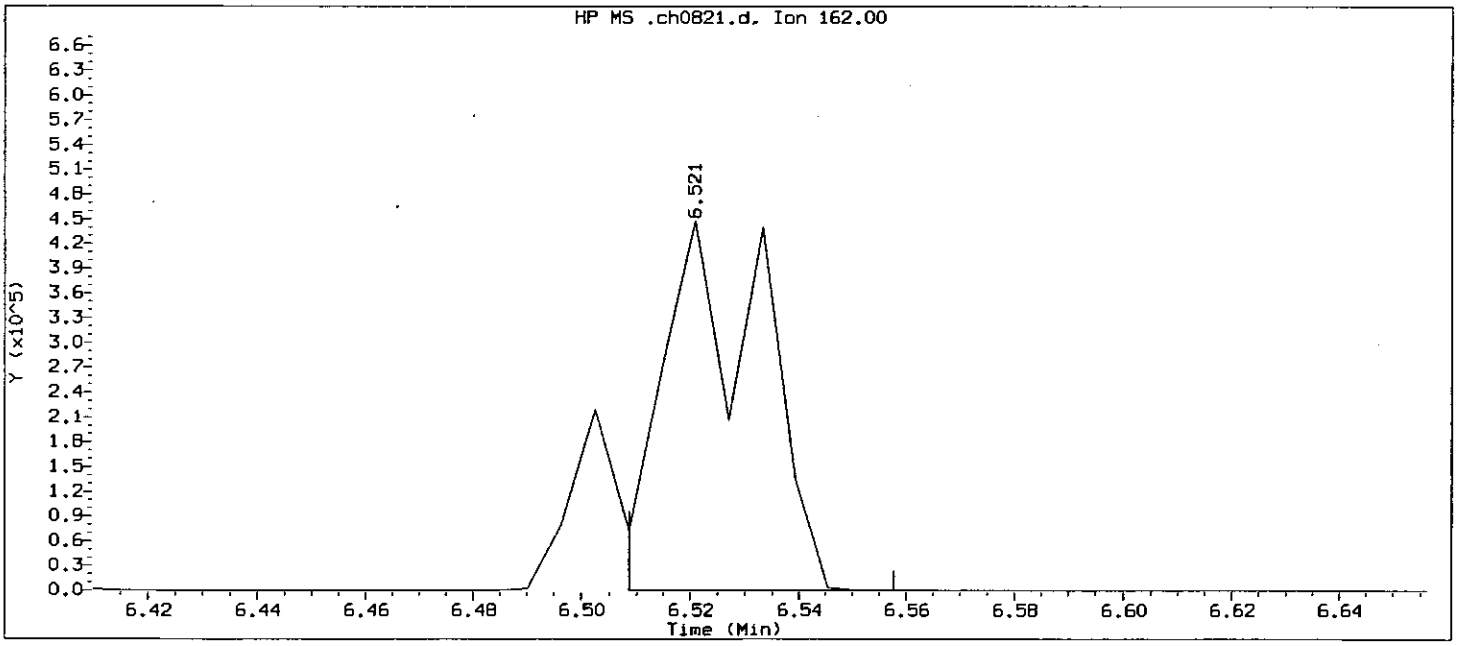
GC/MS audit/management approval: [signature] 8/24/07

Manual Integration Report for data file /chem/HP10623.i/07aug24a.b/ch0821.d, generated on 08/24/2007 at 20:06

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP10623.i/07aug24a.b/ch0821.d Instrument ID: HP10623.i
Injection date and time: 24-AUG-2007 19:41 Analyst ID: lmh00956

Method used: /chem/HP10623.i/07aug24a.b/m8270.m Sublist used: all1
Calibration date and time: 24-AUG-2007 19:56
Date, time and analyst ID of latest file update: 24-Aug-2007 19:56 Automation

Sample Name: SSTD050 Lab Sample ID: STD2187

Compound Number : 72
Compound Name : 1-Chloronaphthalene
Scan Number : 836
Retention Time (minutes): 6.521
Quant Ion : 162
Area : 565835
Concentration (ng/ul) : 93.0636
Integration start scan : 833 Integration stop scan: 841
Y at integration start : 0 Y at integration end: 0

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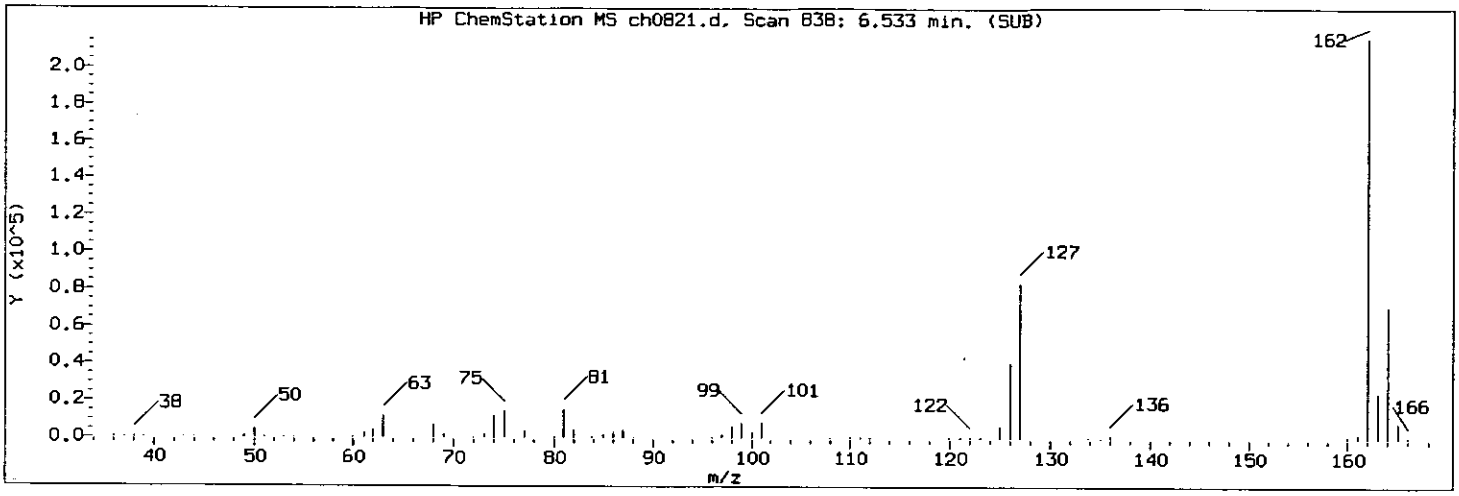
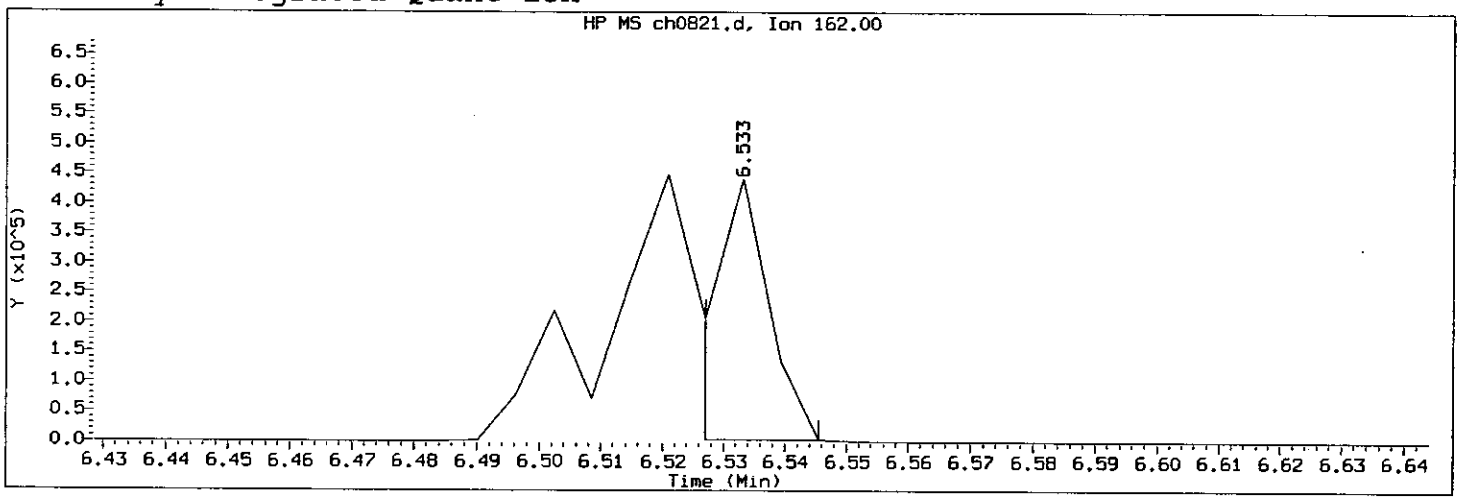
Original Integration Report for data file /chem/HP10623.i/07aug24a.b/ch0821.d, generated on 08/24/2007 at 20:06

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP10623.i/07aug24a.b/ch0821.d Instrument ID: HP10623.i
Injection date and time: 24-AUG-2007 19:41 Analyst ID: lmh00956

Method used: /chem/HP10623.i/07aug24a.b/m8270.m Sublist used: all1
Calibration date and time: 24-AUG-2007 20:06
Date, time and analyst ID of latest file update: 24-Aug-2007 20:06 lmh00956

Sample Name: SSTD050 Lab Sample ID: STD2187

Compound Number	: 72		
Compound Name	: 1-Chloronaphthalene		
Scan Number	: 838		
Retention Time (minutes)	: 6.533		
Quant Ion	: 162		
Area (flag)	: 284210	M	
Concentration (ng/ul)	: 46.7445		
Integration start scan	: 836	Integration stop scan:	839
Y at integration start	: 3186	Y at integration end:	3186

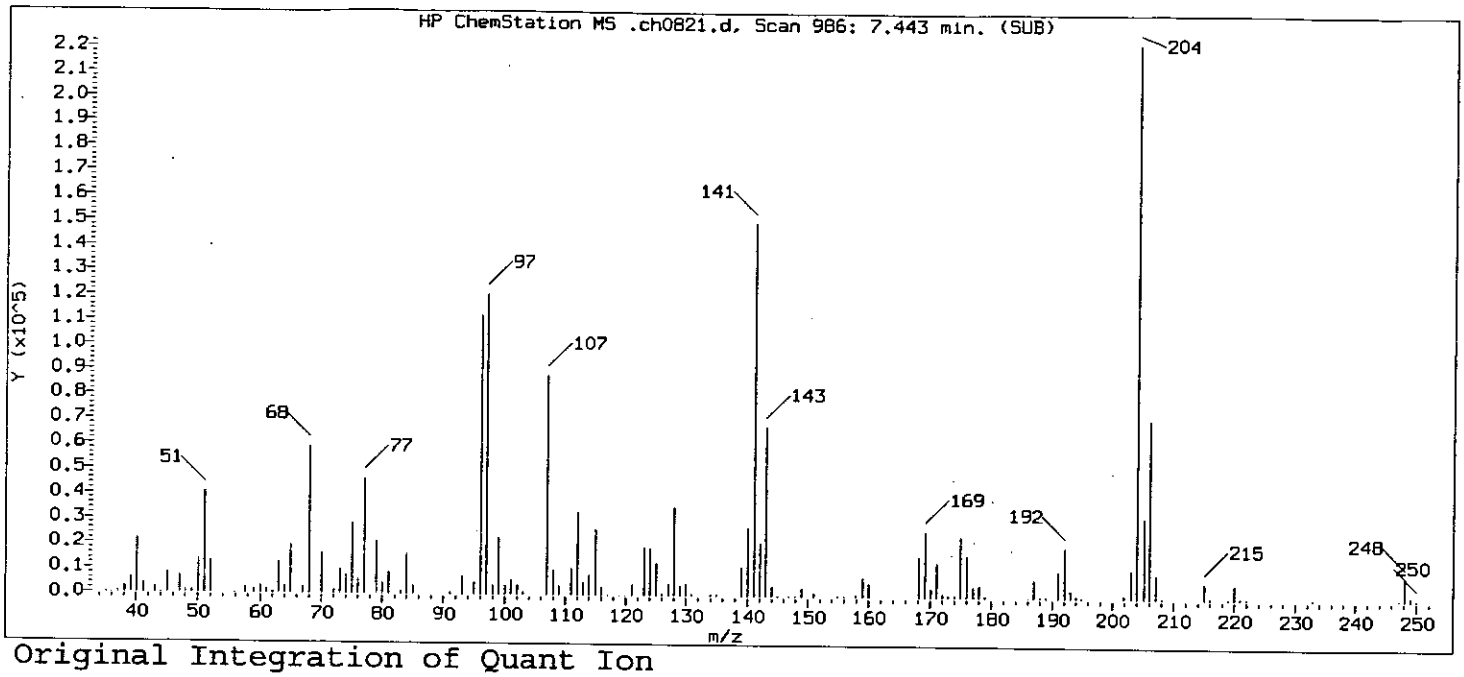
Reason for manual integration (circle one): missed peak improper integration

Analyst responsible for change: lmh195e 08/29/07

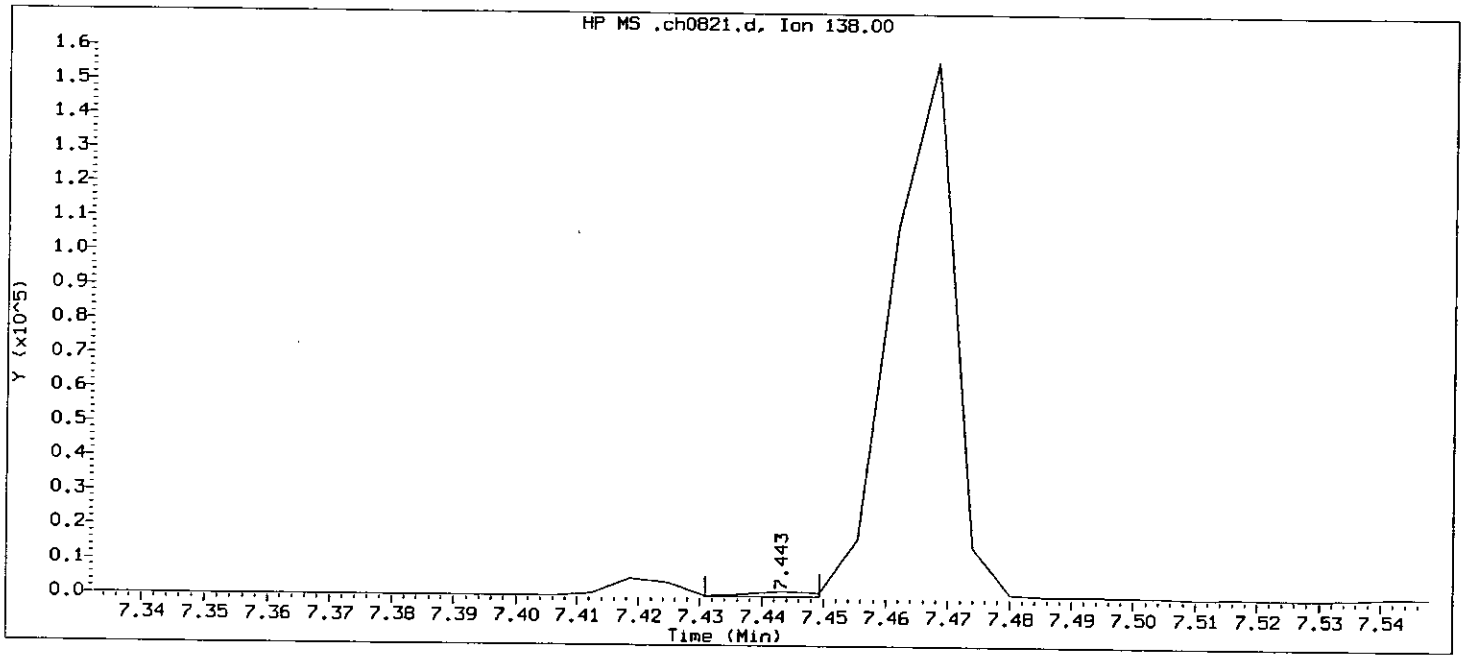
GC/MS audit/management approval: [signature] 8/29/07

Manual Integration Report for data file /chem/HP10623.i/07aug24a.b/ch0821.d, generated on 08/24/2007 at 20:06

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP10623.i/07aug24a.b/ch0821.d Instrument ID: HP10623.i
Injection date and time: 24-AUG-2007 19:41 Analyst ID: lmh00956

Method used: /chem/HP10623.i/07aug24a.b/m8270.m Sublist used: all1
Calibration date and time: 24-AUG-2007 19:56
Date, time and analyst ID of latest file update: 24-Aug-2007 19:56 Automation

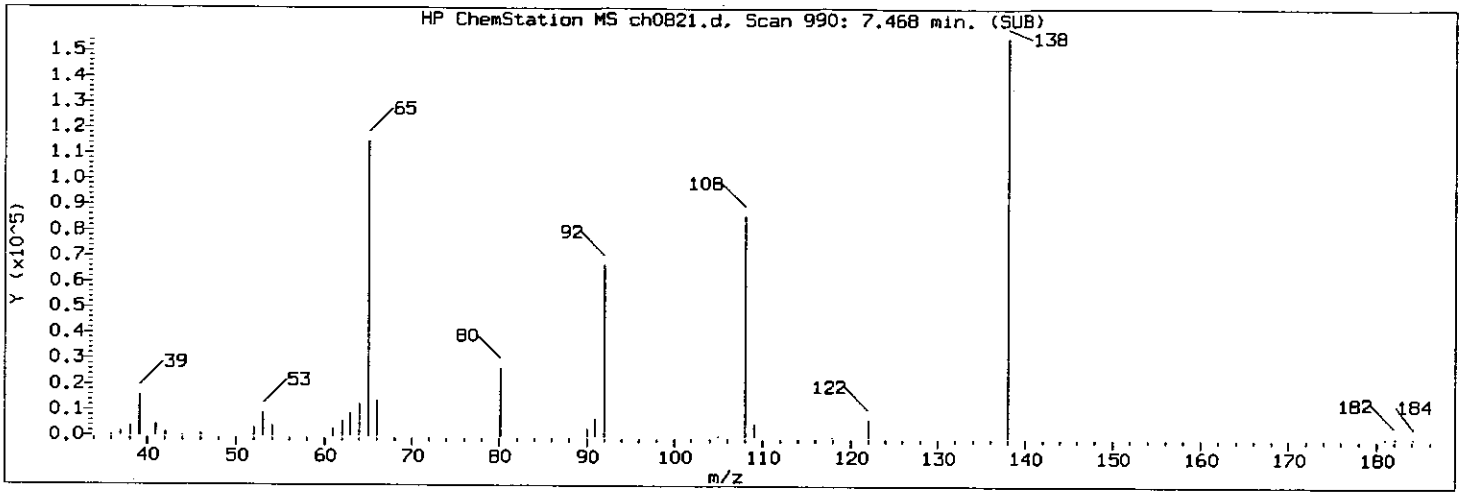
Sample Name: SSTD050 Lab Sample ID: STD2187

Compound Number	: 98
Compound Name	: 4-Nitroaniline
Scan Number	: 986
Retention Time (minutes)	: 7.443
Quant Ion	: 138
Area	: 1120
Concentration (ng/ul)	: 0.5875
Integration start scan	: 983 Integration stop scan: 986
Y at integration start	: 0 Y at integration end: 0

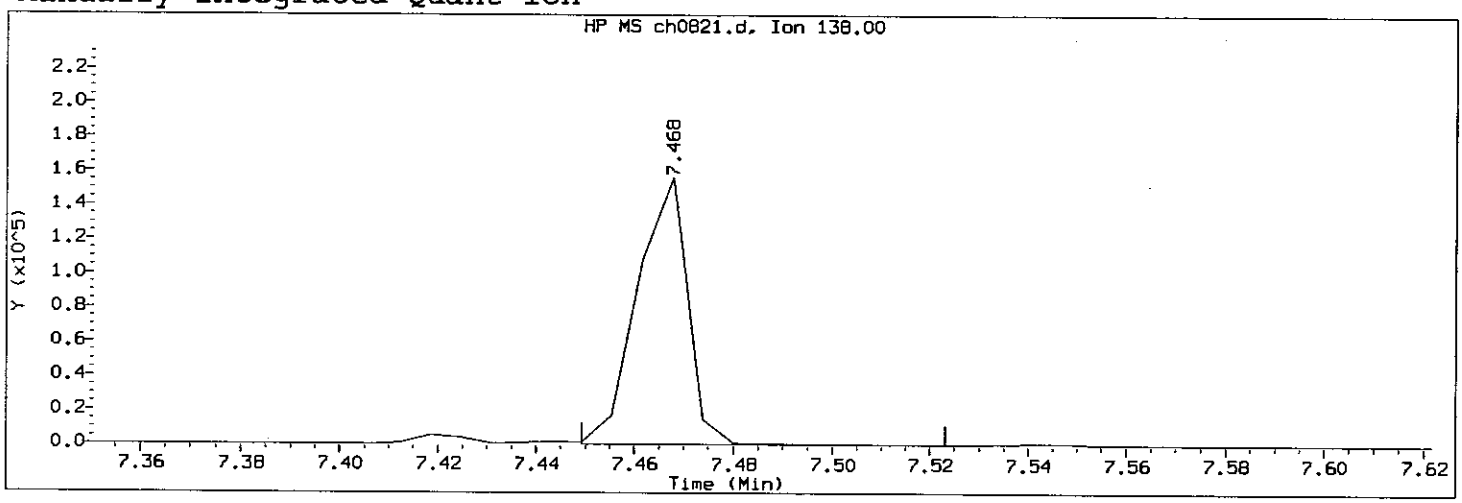
lmh 08/24/07 8739

Original Integration Report for data file /chem/HP10623.i/07aug24a.b/ch0821.d, generated on 08/24/2007 at 20:06

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP10623.i/07aug24a.b/ch0821.d Instrument ID: HP10623.i
Injection date and time: 24-AUG-2007 19:41 Analyst ID: lmh00956

Method used: /chem/HP10623.i/07aug24a.b/m8270.m Sublist used: all1
Calibration date and time: 24-AUG-2007 20:06
Date, time and analyst ID of latest file update: 24-Aug-2007 20:06 lmh00956

Sample Name: SSTD050 Lab Sample ID: STD2187

Compound Number : 98
Compound Name : 4-Nitroaniline
Scan Number : 990
Retention Time (minutes): 7.468
Quant Ion : 138
Area (flag) : 110197A
Concentration (ng/ul) : 57.7952
Integration start scan : 986 Integration stop scan: 998
Y at integration start : 0 Y at integration end: 0

Reason for manual integration (circle one): missed peak improper integration

Analyst responsible for change: lmh956 08/24/07

GC/MS audit/management approval: [illegible] 8/29/07

7B

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Instrument ID: HP11165 Calibration Date: 08/31/07 Time: 08:45

Lab File ID: gh1131.d Init. Calib. Date(s): 08/29/07 08/29/07

Init. Calib. Times(s): 16:19 18:22

Min RRF for SPCC(#) = 0.050 Max %Drift for CCC(*) = 20%

	COMPOUND	RRF	RRF30	ACTUAL CONC.	TRUE CONC.	% DRIFT
	1,4-Dioxane	0.752	0.705	28.160	30.0	-6
	N-Nitrosodimethylamine	1.181	1.093	27.740	30.0	-8
	Pyridine	2.111	1.936	27.510	30.0	-8
	2-Picoline	2.028	1.946	28.770	30.0	-4
	N-Nitrosomethylethylamine	0.997	0.953	28.680	30.0	-4
	Methyl methanesulfonate	0.757	0.730	28.940	30.0	-4
	N-Nitrosodiethylamine	0.927	0.918	29.700	30.0	-1
	Ethyl methanesulfonate	0.897	0.911	30.480	30.0	2
	Aniline	3.215	3.181	29.680	30.0	-1
*	Phenol	2.561	2.614	30.620	30.0	2*
	Pentachloroethane	0.514	0.519	30.310	30.0	1
	bis(2-Chloroethyl)ether	2.025	2.002	29.660	30.0	-1
	2-Chlorophenol	1.599	1.622	30.430	30.0	1
	1,3-Dichlorobenzene	1.521	1.533	30.240	30.0	1
*	1,4-Dichlorobenzene	1.568	1.584	30.310	30.0	1*
	Benzyl alcohol	1.304	1.292	29.720	30.0	-1
	1,2-Dichlorobenzene	1.469	1.498	30.580	30.0	2
	2-Methylphenol	1.789	1.823	30.580	30.0	2
	2,2'-oxybis(1-Chloropropane)	1.915	1.856	29.090	30.0	-3
	bis(2-Chloroisopropyl)ether	1.915	1.856	29.090	30.0	-3
	N-Nitrosopyrrolidine	1.034	1.068	30.990	30.0	3
	Acetophenone	2.549	2.593	30.520	30.0	2
#	N-Nitroso-di-n-propylamine	1.485	1.476	29.830	30.0	-1#
	N-Nitrosomorpholine	1.046	1.101	31.580	30.0	5
	4-Methylphenol	1.988	2.029	30.620	30.0	2
	o-Toluidine	2.923	2.949	30.270	30.0	1
	Hexachloroethane	0.617	0.613	29.810	30.0	-1
	Nitrobenzene	0.467	0.473	30.360	30.0	1
	N-Nitrosopiperidine	0.225	0.220	29.310	30.0	-2
	Isophorone	0.996	0.962	28.980	30.0	-3
*	2-Nitrophenol	0.161	0.180	33.490	30.0	12*
	2,4-Dimethylphenol	0.420	0.424	30.280	30.0	1
	O,O,O-triethylphosphorothioate	0.169	0.163	28.930	30.0	-4
	bis(2-Chloroethoxy)methane	0.488	0.473	29.060	30.0	-3
	Benzoic acid	0.263	0.322	48.990	40.0	22
*	2,4-Dichlorophenol	0.280	0.287	30.740	30.0	2*

8741

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Instrument ID: HP11165 Calibration Date: 08/31/07 Time: 08:45

Lab File ID: gh1131.d Init. Calib. Date(s): 08/29/07 08/29/07

Init. Calib. Times(s): 16:19 18:22

Min RRF for SPCC(#) = 0.050 Max %Drift for CCC(*) = 20%

	COMPOUND	RRF	RRF30	ACTUAL CONC.	TRUE CONC.	% DRIFT
	1,2,4-Trichlorobenzene	0.282	0.288	30.580	30.0	2
	Naphthalene	1.134	1.141	30.170	30.0	1
	4-Chloroaniline	0.466	0.482	31.050	30.0	4
	2,6-Dichlorophenol	0.267	0.275	30.900	30.0	3
	Hexachloropropene	0.162	0.157	29.020	30.0	-3
*	Hexachlorobutadiene	0.151	0.146	28.930	30.0	-4*
	Caprolactam	0.162	0.167	30.850	30.0	3
	N-Nitrosodi-n-butylamine	0.403	0.436	32.430	30.0	8
*	4-Chloro-3-methylphenol	0.380	0.389	30.760	30.0	3*
	Safrole	0.276	0.270	29.330	30.0	-2
	2-Methylnaphthalene	0.723	0.731	30.310	30.0	1
	1-Methylnaphthalene	0.698	0.700	30.060	30.0	0
#	Hexachlorocyclopentadiene	0.145	0.149	29.080	30.0	-3#
	1,2,4,5-Tetrachlorobenzene	0.482	0.466	28.950	30.0	-4
	cis-Isosafrole	0.465	0.448	3.180	3.3	-4
*	2,4,6-Trichlorophenol	0.334	0.344	30.940	30.0	3*
	2,4,5-Trichlorophenol	0.390	0.395	30.440	30.0	1
	trans-Isosafrole	0.600	0.589	26.210	26.7	-2
	Isosafrole	0.534	0.524	29.450	30.0	-2
	Biphenyl	1.510	1.493	29.660	30.0	-1
	Diphenyl	1.510	1.493	29.660	30.0	-1
	1,1'-Biphenyl	1.510	1.493	29.660	30.0	-1
	2-Chloronaphthalene	1.294	1.586	36.780	30.0	23
	Diphenyl ether	0.832	0.823	29.680	30.0	-1
	2-Nitroaniline	0.374	0.457	36.680	30.0	22
	1,4-Naphthoquinone	0.468	0.477	30.630	30.0	2
	1,4-Dinitrobenzene	0.163	0.213	37.230	30.0	24
	Dimethylphthalate	1.319	1.332	30.290	30.0	1
	1,3-Dinitrobenzene	0.205	0.254	37.200	30.0	24
	2,6-Dinitrotoluene	0.283	0.319	33.790	30.0	13
	Acenaphthylene	1.799	1.801	30.030	30.0	0
	3-Nitroaniline	0.343	0.397	34.760	30.0	16
*	Acenaphthene	1.202	1.202	30.000	30.0	0*
#	2,4-Dinitrophenol	0.104	0.161	57.240	40.0	43#
	Pentachlorobenzene	0.473	0.437	27.720	30.0	-8
#	4-Nitrophenol	0.199	0.233	34.980	30.0	17#

8742

7C cont

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Instrument ID: HP11165 Calibration Date: 08/31/07 Time: 08:45

Lab File ID: gh1131.d Init. Calib. Date(s): 08/29/07 08/29/07

Init. Calib. Times(s): 16:19 18:22

Min RRF for SPCC(#) = 0.050 Max %Drift for CCC(*) = 20%

COMPOUND	RRF	RRF30	ACTUAL CONC.	TRUE CONC.	% DRIFT
Dibenzofuran	1.771	1.746	29.570	30.0	-1
2,4-Dinitrotoluene	0.349	0.410	35.270	30.0	18
1-Naphthylamine	1.295	1.311	30.380	30.0	1
2,3,4,6-Tetrachlorophenol	0.276	0.276	30.010	30.0	0
2-Naphthylamine	1.337	1.369	30.720	30.0	2
Diethylphthalate	1.428	1.483	31.150	30.0	4
Thionazin	0.303	0.306	30.250	30.0	1
Fluorene	1.436	1.440	30.090	30.0	0
4-Chlorophenyl-phenylether	0.658	0.634	28.880	30.0	-4
5-Nitro-o-toluidine	0.394	0.433	32.930	30.0	10
4-Nitroaniline	0.384	0.433	33.870	30.0	13
4,6-Dinitro-2-methylphenol	0.081	0.118	40.650	30.0	35
1-Nitronaphthalene	0.137	0.149	32.700	30.0	9
* N-Nitrosodiphenylamine (1)	0.539	0.548	30.490	30.0	2*
1,2-Diphenylhydrazine	0.949	0.967	30.570	30.0	2
Tetraethyldithiopyrophosphate	0.129	0.133	30.870	30.0	3
1,3,5-Trinitrobenzene	0.048	0.072	40.370	30.0	35
Diallate (peak 1)	0.422	0.420	22.380	22.5	-1
Phorate	0.690	0.765	33.260	30.0	11
Phenacetin	0.415	0.443	32.000	30.0	7
4-Bromophenyl-phenylether	0.191	0.180	28.190	30.0	-6
Diallate (peak 2)	0.429	0.427	7.460	7.5	-1
Hexachlorobenzene	0.199	0.186	28.110	30.0	-6
Dimethoate	0.330	0.372	33.830	30.0	13
Diallate TRANS/CIS	0.424	0.422	29.840	30.0	-1
* Pentachlorophenol	0.101	0.119	47.280	40.0	18*
Pentachloronitrobenzene	0.071	0.074	31.120	30.0	4
4-Aminobiphenyl	0.601	0.618	30.870	30.0	3
Pronamide	0.301	0.309	30.860	30.0	3
Dinoseb	0.112	0.153	37.560	30.0	25
Phenanthrene	1.012	1.020	30.250	30.0	1
Anthracene	1.061	1.080	30.550	30.0	2
Carbazole	1.046	1.062	30.460	30.0	2
Methyl parathion	0.190	0.261	41.300	30.0	38
Di-n-butylphthalate	1.264	1.362	32.310	30.0	8
Parathion	0.134	0.168	35.250	30.0	17

8743

(1) Cannot be Separated from Diphenylamine

7C cont

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Instrument ID: HP11165 Calibration Date: 08/31/07 Time: 08:45

Lab File ID: gh1131.d Init. Calib. Date(s): 08/29/07 08/29/07

Init. Calib. Times(s): 16:19 18:22

Min RRF for SPCC(#) = 0.050 Max %Drift for CCC(*) = 20%

	COMPOUND	RRF	RRF30	ACTUAL CONC.	TRUE CONC.	% DRIFT
	4-Nitroquinoline-1-oxide	0.047	0.068	38.610	30.0	29
	Methapyrilene	0.335	0.368	32.900	30.0	10
	Isodrin	0.107	0.112	31.540	30.0	5
*	Fluoranthene	1.213	1.232	30.480	30.0	2*
	Benzidine	0.732	0.800	98.420	90.0	9
	Pyrene	1.369	1.398	30.650	30.0	2
	p-Dimethylaminoazobenzene	0.284	0.289	30.500	30.0	2
	Chlorobenzilate	0.376	0.418	33.360	30.0	11
	3,3'-Dimethylbenzidine	0.616	0.673	32.780	30.0	9
	Butylbenzylphthalate	0.620	0.682	32.970	30.0	10
	2-Acetylaminofluorene	0.455	0.522	32.300	30.0	8
	3,3'-Dichlorobenzidine	0.442	0.463	31.370	30.0	5
	4,4'-Methylenebis(2-Chloroanil	0.212	0.219	31.080	30.0	4
	Benzo(a)anthracene	1.231	1.242	30.270	30.0	1
	Chrysene	1.223	1.234	30.260	30.0	1
	bis(2-Ethylhexyl)phthalate	0.866	0.951	32.950	30.0	10
	6-Methylchrysene	0.835	0.849	30.520	30.0	2
	Dibenz(a,h)acridine	1.186	1.125	28.470	30.0	-5
*	Di-n-octylphthalate	1.707	1.832	32.200	30.0	7*
	Dibenz(a,j)acridine	1.110	1.120	30.290	30.0	1
	7,12-Dimethylbenz[a]anthracene	0.705	0.706	30.020	30.0	0
	Benzo(b)fluoranthene	1.541	1.472	28.660	30.0	-4
	Ronnel	0.231	0.229	29.700	30.0	-1
	Benzo(k)fluoranthene	1.516	1.513	29.950	30.0	0
*	Benzo(a)pyrene	1.372	1.356	29.660	30.0	-1*
	3-Methylcholanthrene	0.711	0.704	29.710	30.0	-1
	Indeno(1,2,3-cd)pyrene	1.606	1.553	29.010	30.0	-3
	Dibenz(a,h)anthracene	1.298	1.273	29.420	30.0	-2
	Benzo(g,h,i)perylene	1.355	1.324	29.330	30.0	-2
	1-Chloronaphthalene	1.090	1.066	29.340	30.0	-2
	2-Fluorophenol	1.702	1.689	29.770	30.0	-1
	Phenol-d5	2.400	2.358	29.470	30.0	-2
	Phenol-d6	2.400	2.358	29.470	30.0	-2
	Nitrobenzene-d5	0.440	0.443	30.240	30.0	1
	2-Fluorobiphenyl	1.316	1.282	29.220	30.0	-3

8744

7C cont

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Instrument ID: HP11165 Calibration Date: 08/31/07 Time: 08:45

Lab File ID: gh1131.d Init. Calib. Date(s): 08/29/07 08/29/07

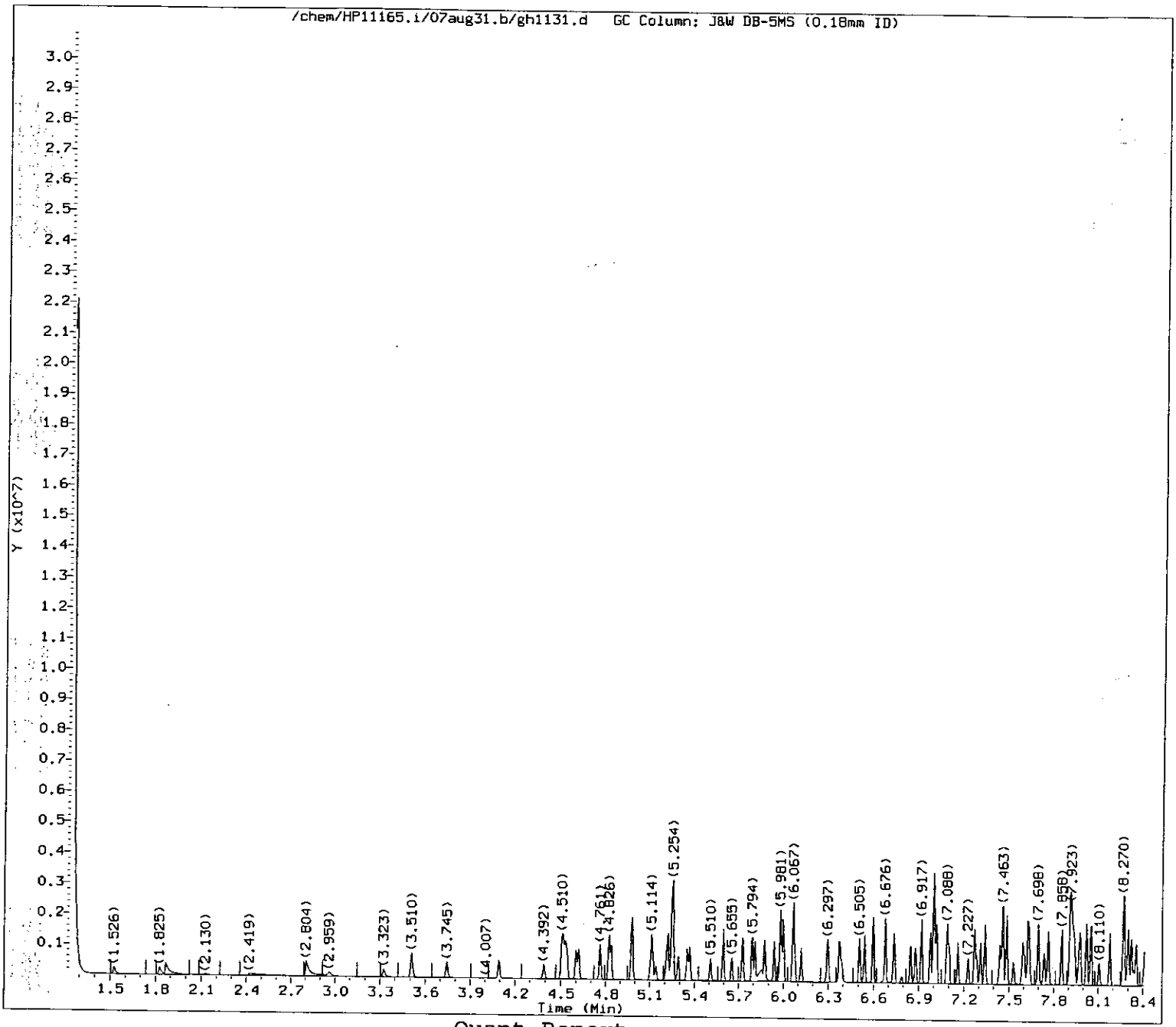
Init. Calib. Times(s): 16:19 18:22

Min RRF for SPCC(#) = 0.050 Max %Drift for CCC(*) = 20%

COMPOUND	RRF	RRF30	ACTUAL CONC.	TRUE CONC.	% DRIFT
2,4,6-Tribromophenol	0.165	0.159	28.930	30.0	-4
Terphenyl-d14	0.819	0.825	30.210	30.0	1

Average %Drift: 6

8745



Quant Report

Target Revision 3.5

Data File: /chem/HP11165.i/07aug31.b/gh1131.d
Injection date and time: 31-AUG-2007 08:45

Instrument ID: HP11165.i
Analyst ID: jmg00346

Method used: /chem/HP11165.i/07aug31.b/minti.m
Calibration date and time: 31-AUG-2007 09:05

Sublist used: all1

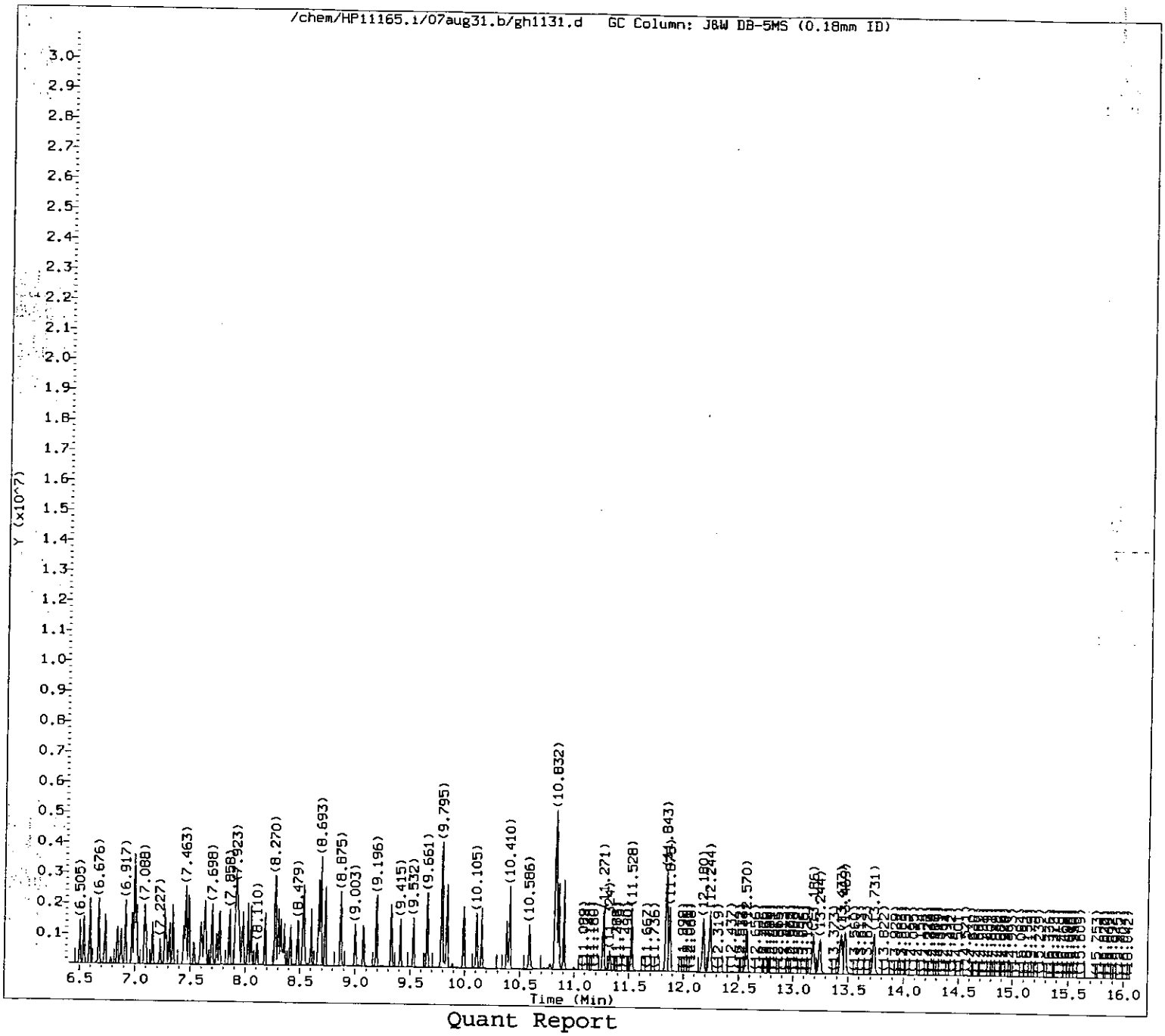
Date, time and analyst ID of latest file update: 31-Aug-2007 09:05 jmg00346

Sample Name: SSTD030

Lab Sample ID: STD2407

JMG 346
8.31.07

8746



Quant Report

Target Revision 3.5

Data File: /chem/HP11165.i/07aug31.b/gh1131.d
Injection date and time: 31-AUG-2007 08:45

Instrument ID: HP11165.i
Analyst ID: jmg00346

Method used: /chem/HP11165.i/07aug31.b/minti.m
Calibration date and time: 31-AUG-2007 09:05

Sublist used: all1

Date, time and analyst ID of latest file update: 31-Aug-2007 09:05 jmg00346

Sample Name: SSTD030

Lab Sample ID: STD2407

JMG/346 8-31-07 0747

Quant Report

Target Revision 3.5

Data File: /chem/HP11165.i/07aug31.b/gh1131.d Instrument ID: HP11165.i
Injection date and time: 31-AUG-2007 08:45 Analyst ID: jmg00346

Method used: /chem/HP11165.i/07aug31.b/minti.m Sublist used: all1
Calibration date and time: 31-AUG-2007 09:05
Date, time and analyst ID of latest file update: 31-Aug-2007 09:05 jmg00346

Sample Name: SSTD030 Lab Sample ID: STD2407

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
1) 1,4-Dioxane	(1)	1.526	88	98615	28.157
2) N-Nitrosodimethylamine	(1)	1.825	74	152769	27.744
3) Pyridine	(1)	1.868	79	270658	27.512
5) 2-Picoline	(1)	2.804	93	272028	28.773
6) N-Nitrosomethylethylamine	(1)	2.959	88	133238	28.680
7) Methyl methanesulfonate	(1)	3.323	80	102073	28.936
10) N-Nitrosodiethylamine	(1)	3.745	102	128313	29.702
11) Ethyl methanesulfonate	(1)	4.093	109	127376	30.481
13) Aniline	(1)	4.510	93	444754	29.681
16) Phenol	(1)	4.532	94	365525	30.618
17) Pentachloroethane	(1)	4.542	167	72628	30.315
18) bis(2-Chloroethyl)ether	(1)	4.601	93	279864	29.660
19) 2-Chlorophenol	(1)	4.617	128	226793	30.433
20) 1,3-Dichlorobenzene	(1)	4.761	146	214391	30.244
21) 1,4-Dichlorobenzene-d4	(1)	4.826	152	186428	40.000
22) 1,4-Dichlorobenzene	(1)	4.842	146	221495	30.308
24) Benzyl alcohol	(1)	4.981	108	180707	29.723
25) 1,2-Dichlorobenzene	(1)	4.975	146	209426	30.585
26) 2-Methylphenol	(1)	5.114	108	254876	30.576
27) 2,2'-oxybis(1-Chloropropane)	(1)	5.120	45	259571	29.087
28) bis(2-Chloroisopropyl)ether	(1)	5.120	45	259571	29.087
29) N-Nitrosopyrrolidine	(1)	5.211	100	149379	30.987
30) Acetophenone	(1)	5.221	105	362491	30.516
31) N-Nitroso-di-n-propylamine	(1)	5.243	70	206419	29.833
32) N-Nitrosomorpholine	(1)	5.248	56	153938	31.583
33) 4-Methylphenol	(1)	5.254	108	283762	30.623
34) o-Toluidine	(1)	5.248	106	412355	30.271
37) Hexachloroethane	(1)	5.291	117	85749	29.805
39) Nitrobenzene	(2)	5.366	77	297338	30.356
40) N-Nitrosopiperidine	(2)	5.510	114	138046	29.312
41) Isophorone	(2)	5.596	82	604783	28.983
42) 2-Nitrophenol	(2)	5.655	139	113305	33.492
44) 2,4-Dimethylphenol	(2)	5.724	107	266753	30.278
45) O,O,O-triethylphosphorothioate	(2)	5.794	198	102630	28.933
46) bis(2-Chloroethoxy)methane	(2)	5.810	93	297282	29.057
47) Benzoic acid	(2)	5.853	105	269780	48.992
49) 2,4-Dichlorophenol	(2)	5.874	162	180720	30.744
50) 1,2,4-Trichlorobenzene	(2)	5.938	180	180863	30.580
52) Naphthalene-d8	(2)	5.981	136	838306	40.000
53) Naphthalene	(2)	5.997	128	717262	30.174
55) 4-Chloroaniline	(2)	6.067	127	303104	31.052
56) 2,6-Dichlorophenol	(2)	6.067	162	172994	30.895
57) Hexachloropropene	(2)	6.077	213	98856	29.020

M = Compound was manually integrated. A = User selected an alternate hit

Quant Report

Target Revision 3.5

Data File: /chem/HP11165.i/07aug31.b/gh1131.d Instrument ID: HP11165.i
Injection date and time: 31-AUG-2007 08:45 Analyst ID: jmg00346

Method used: /chem/HP11165.i/07aug31.b/minti.m Sublist used: all1
Calibration date and time: 31-AUG-2007 09:05
Date, time and analyst ID of latest file update: 31-Aug-2007 09:05 jmg00346

Sample Name: SSTD030 Lab Sample ID: STD2407

	Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
59)	Hexachlorobutadiene	(2)	6.120	225	91809	28.930
62)	Caprolactam	(2)	6.387	113	104716	30.851
63)	N-Nitrosodi-n-butylamine	(2)	6.371	84	274176	32.431
67)	4-Chloro-3-methylphenol	(2)	6.505	107	244686	30.762
68)	Safrole	(2)	6.543	162	169672	29.333
69)	2-Methylnaphthalene	(2)	6.596	142	459446	30.308
70)	1-Methylnaphthalene	(2)	6.676	142	440082	30.061
71)	Hexachlorocyclopentadiene	(3)	6.735	237	55694	29.078
72)	1,2,4,5-Tetrachlorobenzene	(3)	6.740	216	174231	28.946
73)	cis-Isosafrole	(3)	6.789	162	18458	3.183
74)	2,4,6-Trichlorophenol	(3)	6.847	196	128776	30.939
76)	2,4,5-Trichlorophenol	(3)	6.880	196	147950	30.437
78)	trans-Isosafrole	(3)	6.976	162	196247	26.206
79)	Isosafrole	(3)	6.976	162	196247	29.445
80)	Biphenyl	(3)	6.997	154	558648	29.656
81)	Diphenyl	(3)	6.997	154	558648	29.656
82)	1,1'-Biphenyl	(3)	6.997	154	558648	29.656
83)	2-Chloronaphthalene	(3)	7.003	162	593518M	36.778
87)	Diphenyl ether	(3)	7.088	170	308070	29.677
88)	2-Nitroaniline	(3)	7.099	138	171064	36.684
89)	1,4-Naphthoquinone	(3)	7.158	158	178680	30.627
90)	1,4-Dinitrobenzene	(3)	7.227	168	79810	37.227
91)	Dimethylphthalate	(3)	7.270	163	498296	30.286
92)	1,3-Dinitrobenzene	(3)	7.286	168	94987	37.204
93)	2,6-Dinitrotoluene	(3)	7.313	165	119242	33.794
94)	Acenaphthylene	(3)	7.340	152	673945	30.027
96)	3-Nitroaniline	(3)	7.441	138	148675	34.761
97)	Acenaphthene-d10	(3)	7.463	164	498972	40.000
98)	Acenaphthene	(3)	7.484	153	449816	29.999
99)	2,4-Dinitrophenol	(3)	7.532	184	80403	57.242
100)	Pentachlorobenzene	(3)	7.596	250	163674	27.716
102)	4-Nitrophenol	(3)	7.607	109	87025	34.981
103)	Dibenzofuran	(3)	7.628	168	653219	29.571
104)	2,4-Dinitrotoluene	(3)	7.639	165	153592	35.270
105)	1-Naphthylamine	(3)	7.698	143	490599	30.381
106)	2,3,4,6-Tetrachlorophenol	(3)	7.741	232	103304	30.006
107)	2-Naphthylamine	(3)	7.767	143	512323	30.715
108)	Diethylphthalate	(3)	7.858	149	554851	31.149
109)	Thionazin	(3)	7.917	107	114382	30.248
110)	Fluorene	(3)	7.912	166	538908	30.091
111)	4-Chlorophenyl-phenylether	(3)	7.928	204	237154	28.880
112)	5-Nitro-o-toluidine	(3)	7.933	152	161996	32.929
113)	4-Nitroaniline	(3)	7.944	138	161992	33.865

M = Compound was manually integrated. A = User selected an alternate hit

Quant Report

Target Revision 3.5

Data File: /chem/HP11165.i/07aug31.b/gh1131.d Instrument ID: HP11165.i
Injection date and time: 31-AUG-2007 08:45 Analyst ID: jmg00346

Method used: /chem/HP11165.i/07aug31.b/minti.m Sublist used: all1
Calibration date and time: 31-AUG-2007 09:05
Date, time and analyst ID of latest file update: 31-Aug-2007 09:05 jmg00346

Sample Name: SSTD030 Lab Sample ID: STD2407

	Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
114)	4,6-Dinitro-2-methylphenol	(4)	7.971	198	85083	40.646
115)	1-Nitronaphthalene	(4)	7.981	173	107788	32.700
116)	N-Nitrosodiphenylamine	(4)	8.024	169	395033	30.486
117)	1,2-Diphenylhydrazine	(4)	8.056	77	697571	30.569
119)	Tetraethyldithiopyrophosphate	(4)	8.179	97	95669	30.869
120)	1,3,5-Trinitrobenzene	(4)	8.276	213	52052	40.367
121)	Diallate (peak 1)	(4)	8.270	86	227184	22.379
122)	Phorate	(4)	8.276	75	551579	33.263
123)	Phenacetin	(4)	8.302	108	319445	32.000
124)	4-Bromophenyl-phenylether	(4)	8.324	248	129590	28.189
125)	Diallate (peak 2)	(4)	8.340	86	76912	7.458
126)	Hexachlorobenzene	(4)	8.356	284	134113	28.107
127)	Dimethoate	(4)	8.415	87	268632	33.834
128)	Diallate TRANS/CIS	(4)	23.156	86	304096	29.838
130)	Pentachlorophenol	(4)	8.527	266	114507	47.282
131)	Pentachloronitrobenzene	(4)	8.532	237	53381	31.120
132)	4-Aminobiphenyl	(4)	8.538	169	445851	30.870
133)	Pronamide	(4)	8.602	173	222959	30.860
134)	Phenanthrene-d10	(4)	8.671	188	961566	40.000
135)	Dinoseb	(4)	8.693	211	110387	37.556
136)	Phenanthrene	(4)	8.693	178	735690	30.249
137)	Anthracene	(4)	8.736	178	779223	30.555
139)	Carbazole	(4)	8.875	167	765891	30.465
140)	Methyl parathion	(4)	9.003	109	188171	41.305
141)	Di-n-butylphthalate	(4)	9.196	149	982026	32.314
142)	Parathion	(4)	9.329	109	121129	35.249
143)	4-Nitroquinoline-1-oxide	(4)	9.335	190	49293	38.614
144)	Methapyrilene	(4)	9.415	97	265441	32.905
145)	Isodrin	(4)	9.532	193	80836	31.541
146)	Fluoranthene	(4)	9.661	202	888670	30.477
151)	Benzidine	(5)	9.795	184	1546398	98.424
153)	Pyrene	(5)	9.837	202	900698	30.649
157)	p-Dimethylaminoazobenzene	(5)	10.110	225	186152	30.497
158)	Chlorobenzilate	(5)	10.153	139	269536	33.364
159)	3,3'-Dimethylbenzidine	(5)	10.383	212	433700	32.779
160)	Butylbenzylphthalate	(5)	10.410	149	438985	32.967
161)	2-Acetylaminofluorene	(5)	10.591	181	336383	32.297
163)	3,3'-Dichlorobenzidine	(5)	10.822	252	297959	31.371
164)	4,4'-Methylenebis(2-Chloroanil	(5)	10.832	231	141325	31.076
165)	Benzo(a)anthracene	(5)	10.827	228	799685	30.268
166)	Chrysene-d12	(5)	10.838	240	858741	40.000
167)	Chrysene	(5)	10.859	228	794793	30.260
168)	bis(2-Ethylhexyl)phthalate	(5)	10.907	149	612569	32.954

M = Compound was manually integrated. A = User selected an alternate hit

Quant Report

Target Revision 3.5

Data File: /chem/HP11165.i/07aug31.b/gh1131.d
Injection date and time: 31-AUG-2007 08:45

Instrument ID: HP11165.i
Analyst ID: jmg00346

Method used: /chem/HP11165.i/07aug31.b/minti.m
Calibration date and time: 31-AUG-2007 09:05

Sublist used: all1

Date, time and analyst ID of latest file update: 31-Aug-2007 09:05 jmg00346

Sample Name: SSTD030

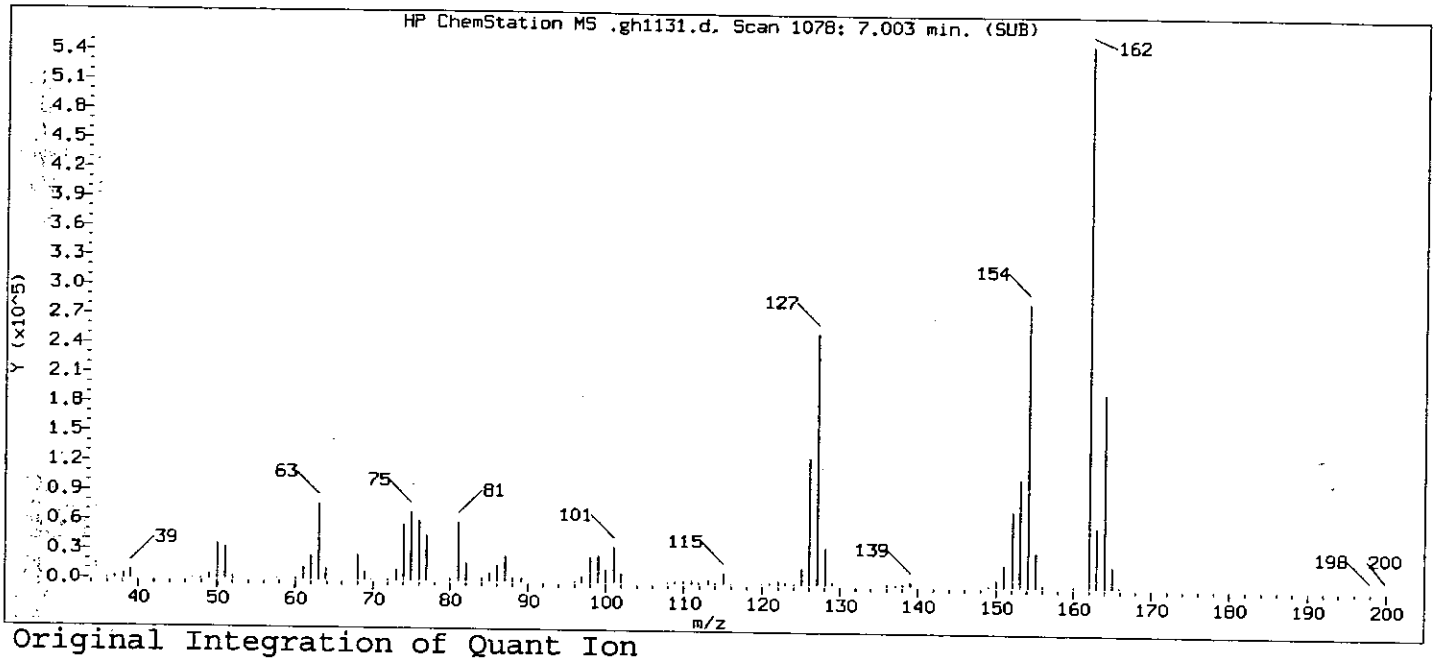
Lab Sample ID: STD2407

	Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
188)	6-Methylchrysene	(5)	11.271	242	546750	30.518
169)	Di-n-octylphthalate	(6)	11.528	149	1024934	32.200
189)	Dibenz(a,h)acridine	(6)	13.186	279	629564	28.474
190)	Dibenz(a,j)acridine	(6)	13.244	279	626790	30.285
170)	7,12-Dimethylbenz[a]anthracene	(6)	11.843	256	394729	30.017
171)	Benzo(b)fluoranthene	(6)	11.843	252	823597 A	28.663
194)	Ronnel	(4)	9.078	285	165292	29.702
172)	Benzo(k)fluoranthene	(6)	11.875	252	846557	29.953
173)	Benzo(a)pyrene	(6)	12.180	252	758764	29.657
174)	Perylene-d12	(6)	12.244	264	745877	40.000
175)	3-Methylcholanthrene	(6)	12.570	268	393877	29.713
176)	Indeno(1,2,3-cd)pyrene	(6)	13.437	276	868873	29.014
177)	Dibenz(a,h)anthracene	(6)	13.469	278	712102	29.420
178)	Benzo(g,h,i)perylene	(6)	13.731	276	740801	29.330
84)	1-Chloronaphthalene	(3)	7.019	162	398925M	29.337
9)	2-Fluorophenol	(1)	3.510	112	236145	29.771
14)	Phenol-d5	(1)	4.515	99	329647	29.471
15)	Phenol-d6	(1)	4.515	99	329647	29.471
38)	Nitrobenzene-d5	(2)	5.350	82	278621	30.244
77)	2-Fluorobiphenyl	(3)	6.917	172	479613	29.225
118)	2,4,6-Tribromophenol	(3)	8.110	330	59413	28.928
155)	Terphenyl-d14	(5)	9.992	244	531352	30.207

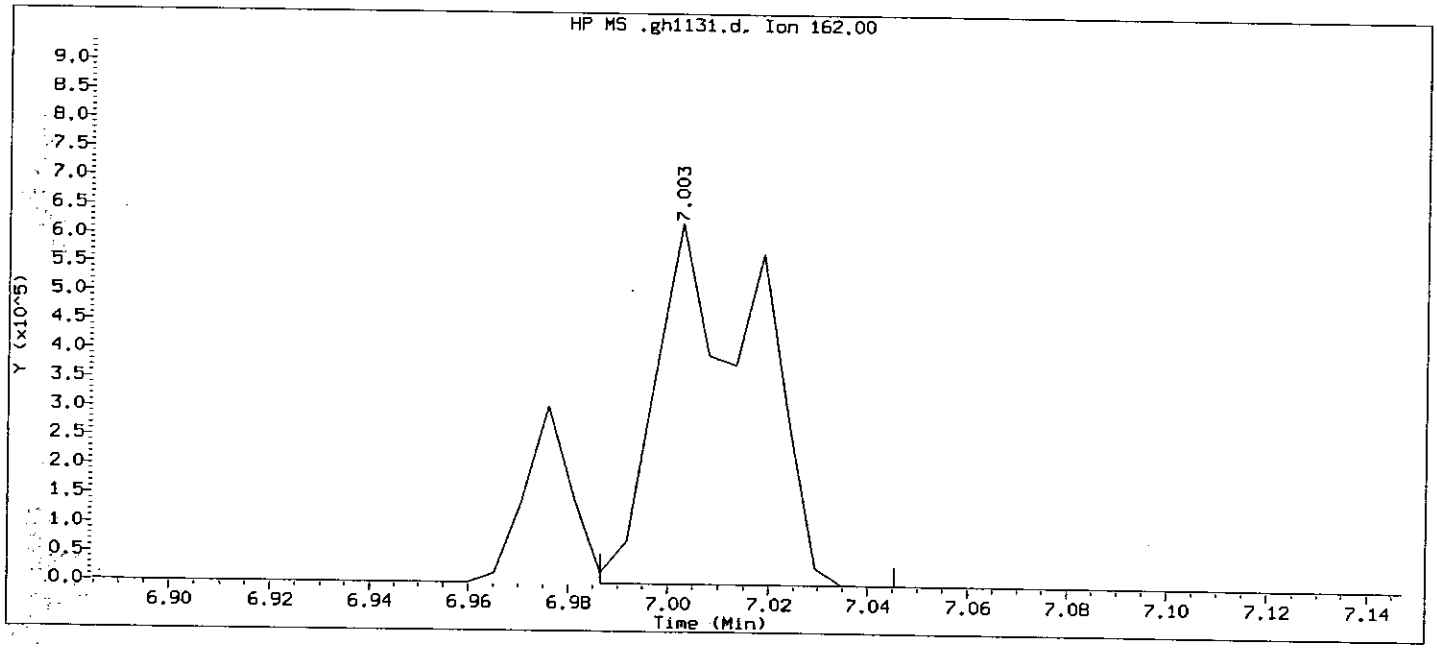
M = Compound was manually integrated.

A = User selected an alternate hit

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP11165.i/07aug31.b/gh1131.d
Injection date and time: 31-AUG-2007 08:45

Instrument ID: HP11165.i
Analyst ID: jmg00346

Method used: /chem/HP11165.i/07aug31.b/minti.m
Calibration date and time: 31-AUG-2007 09:02

Sublist used: all1

Date, time and analyst ID of latest file update: 31-Aug-2007 09:02 Automation

Sample Name: SSTD030

Lab Sample ID: STD2407

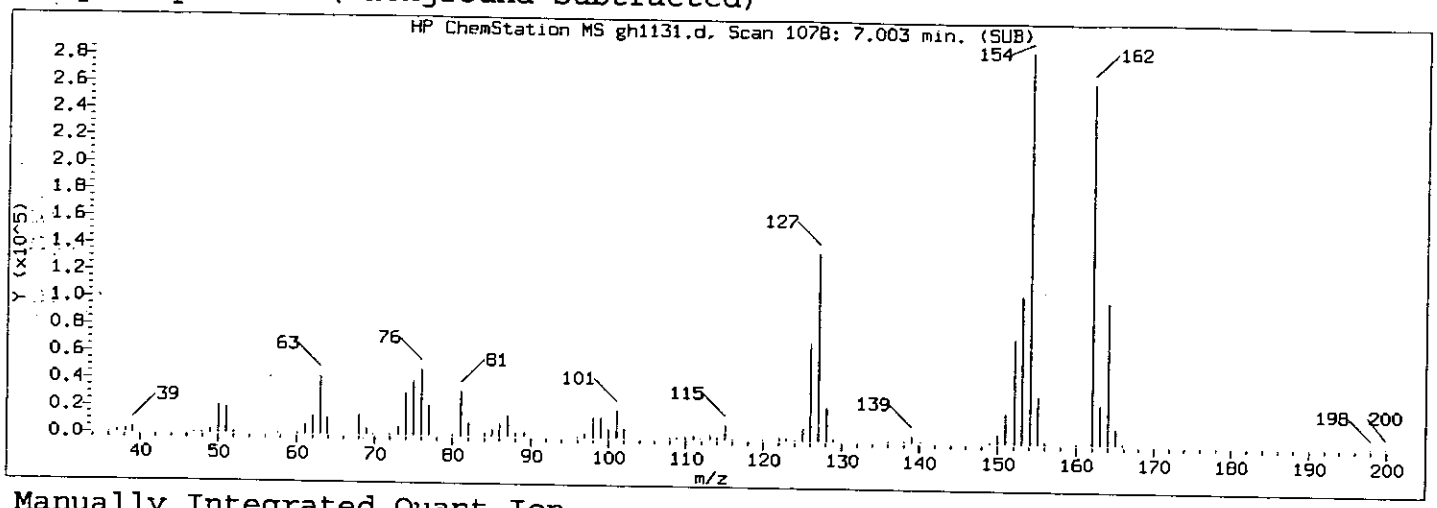
Compound Number	: 83
Compound Name	: 2-Chloronaphthalene
Scan Number	: 1078
Retention Time (minutes)	: 7.003
Quant Ion	: 162
Area	: 871617
Concentration (ng/ul)	: 54.0112
Integration start scan	: 1074 Integration stop scan: 1085
Y at integration start	: 27 Y at integration end: 23

JMG 8.31.07

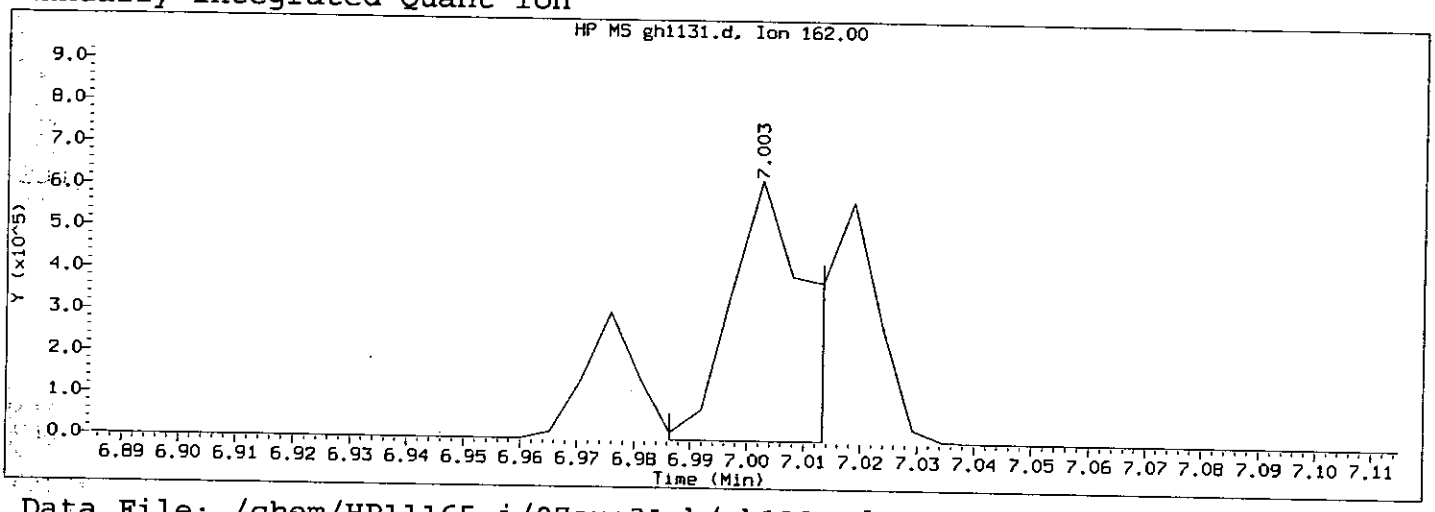
8752

Original Integration Report for data file /chem/HP11165.i/07aug31.b/gh1131.d, generated on 08/31/2007 at 09:05

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP11165.i/07aug31.b/gh1131.d Instrument ID: HP11165.i
Injection date and time: 31-AUG-2007 08:45 Analyst ID: jmg00346

Method used: /chem/HP11165.i/07aug31.b/minti.m Sublist used: all1
Calibration date and time: 31-AUG-2007 09:05
Date, time and analyst ID of latest file update: 31-Aug-2007 09:05 jmg00346

Sample Name: SSTD030 Lab Sample ID: STD2407

Compound Number	: 83	
Compound Name	: 2-Chloronaphthalene	
Scan Number	: 1078	
Retention Time (minutes)	: 7.003	
Quant Ion	: 162	
Area (flag)	: 593518	M
Concentration (ng/ul)	: 36.7783	
Integration start scan	: 1074	Integration stop scan: 1079
Y at integration start	: 27	Y at integration end: 26

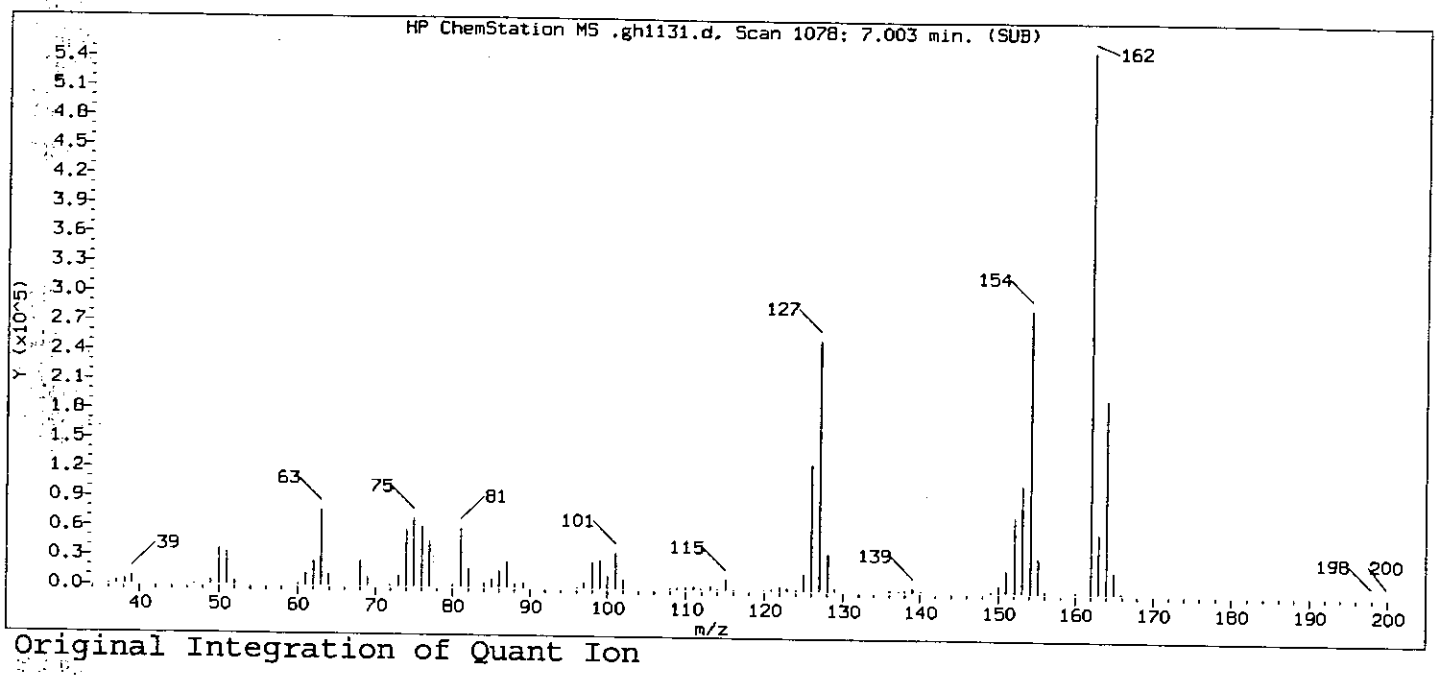
Reason for manual integration (circle one): missed peak (improper integration)

Analyst responsible for change: _____ 8-31-07

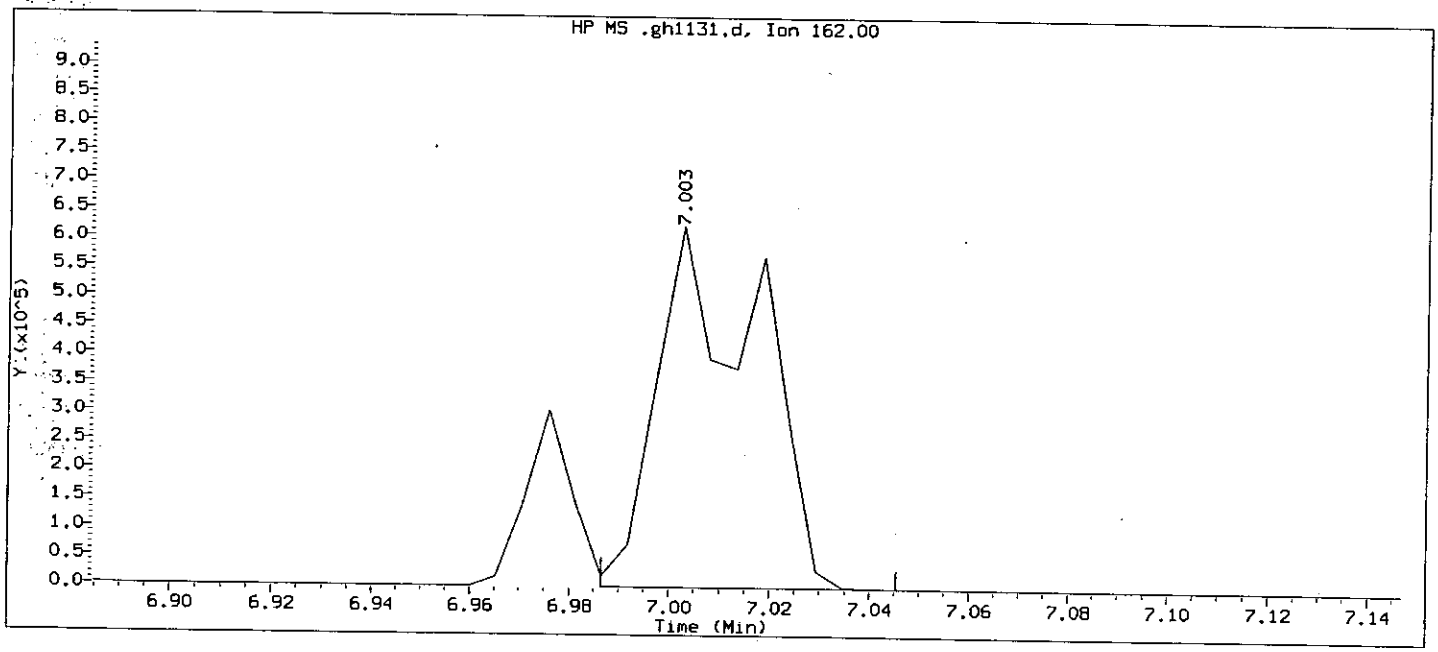
GC/MS audit/management approval: _____ 9/4/07

Manual Integration Report for data file /chem/HP11165.i/07aug31.b/gh1131.d, generated on 08/31/2007 at 09:05

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP11165.i/07aug31.b/gh1131.d
Injection date and time: 31-AUG-2007 08:45

Instrument ID: HP11165.i
Analyst ID: jmg00346

Method used: /chem/HP11165.i/07aug31.b/minti.m
Calibration date and time: 31-AUG-2007 09:02

Sublist used: all1

Date, time and analyst ID of latest file update: 31-Aug-2007 09:02 Automation

Sample Name: SSTD030

Lab Sample ID: STD2407

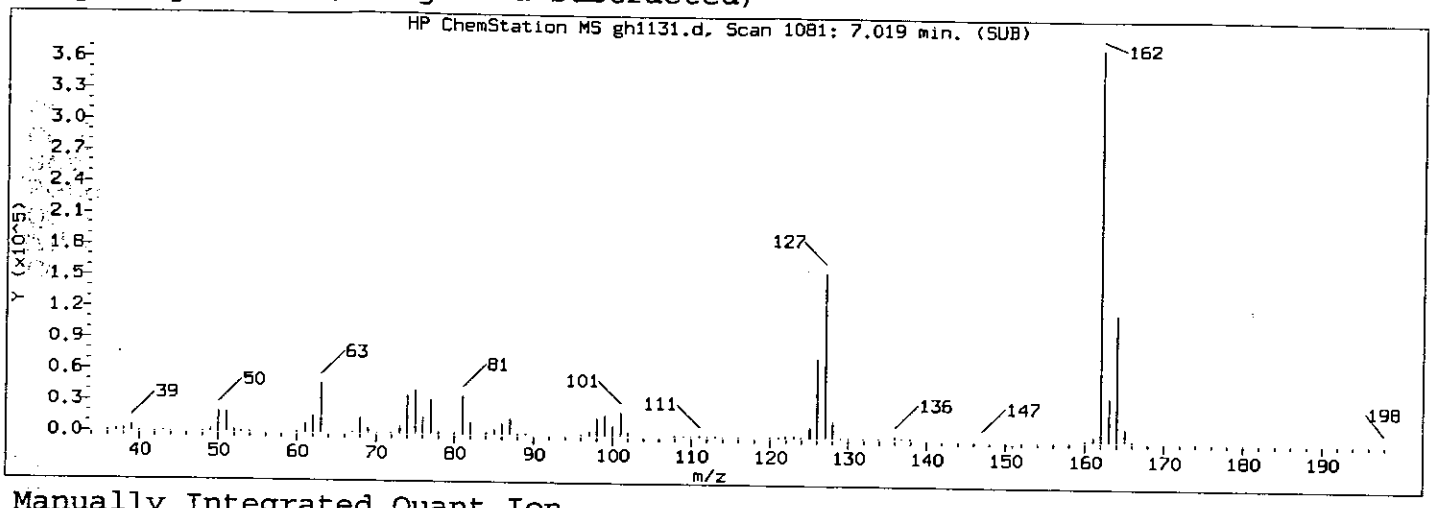
Compound Number	: 84
Compound Name	: 1-Chloronaphthalene
Scan Number	: 1078
Retention Time (minutes)	: 7.003
Quant Ion	: 162
Area	: 871608
Concentration (ng/ul)	: 64.0972
Integration start scan	: 1074 Integration stop scan: 1085
Y at integration start	: 30 Y at integration end: 26

JMG 9-31-07

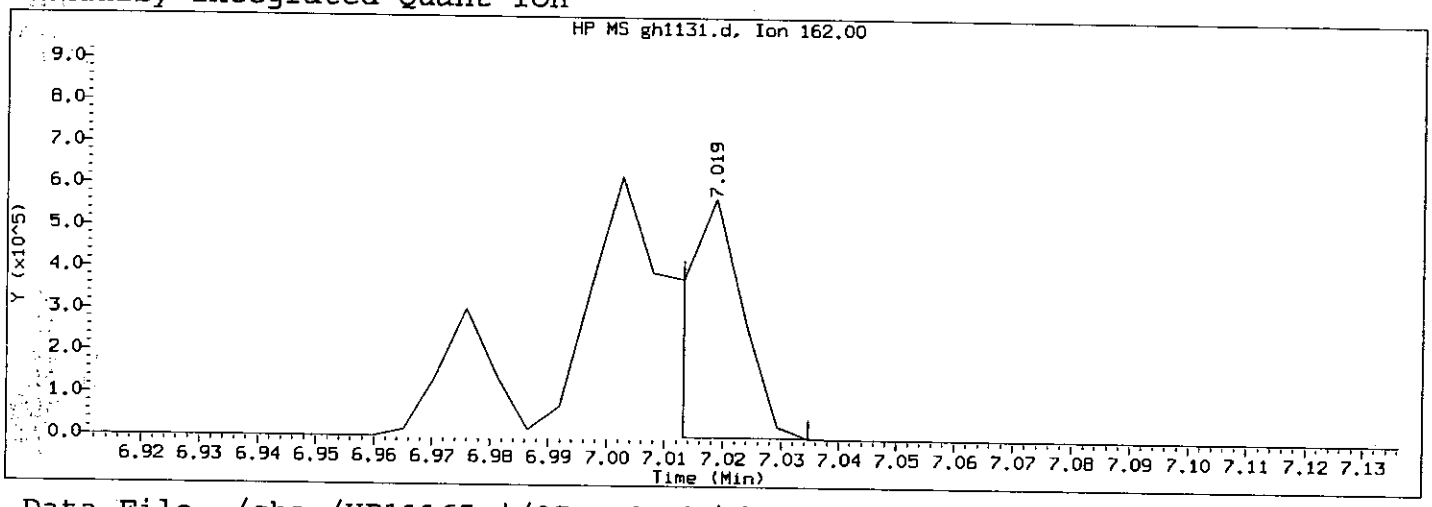
8754

Original Integration Report for data file /chem/HP11165.i/07aug31.b/gh1131.d, generated on 08/31/2007 at 09:05

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP11165.i/07aug31.b/gh1131.d Instrument ID: HP11165.i
Injection date and time: 31-AUG-2007 08:45 Analyst ID: jmg00346

Method used: /chem/HP11165.i/07aug31.b/minti.m Sublist used: all1
Calibration date and time: 31-AUG-2007 09:05
Date, time and analyst ID of latest file update: 31-Aug-2007 09:05 jmg00346

Sample Name: SSTD030 Lab Sample ID: STD2407

Compound Number	: 84	
Compound Name	: 1-Chloronaphthalene	
Scan Number	: 1081	
Retention Time (minutes)	: 7.019	
Quant Ion	: 162	
Area (flag)	: 398925	M
Concentration (ng/ul)	: 29.3366	
Integration start scan	: 1079	Integration stop scan: 1083
Y at integration start	: 2299	Y at integration end: 2299

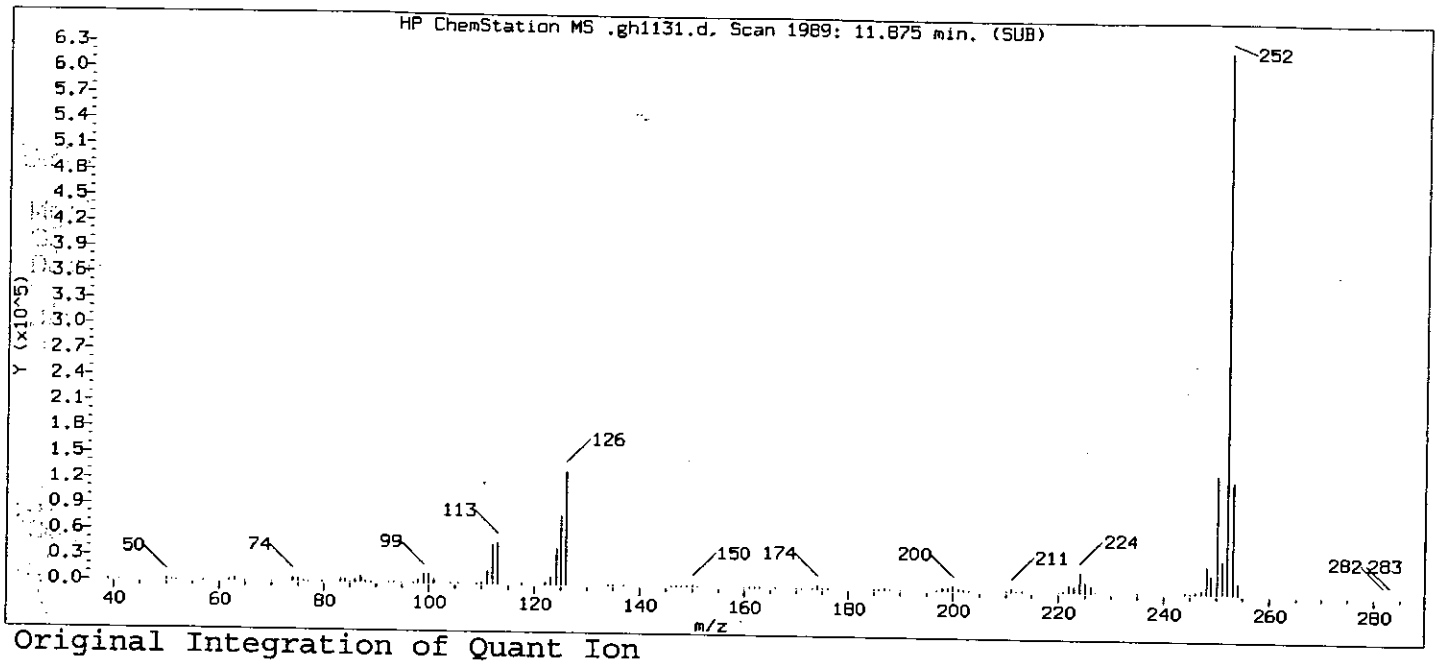
Reason for manual integration (circle one): missed peak (improper integration)

Analyst responsible for change: [signature] 8-31-07

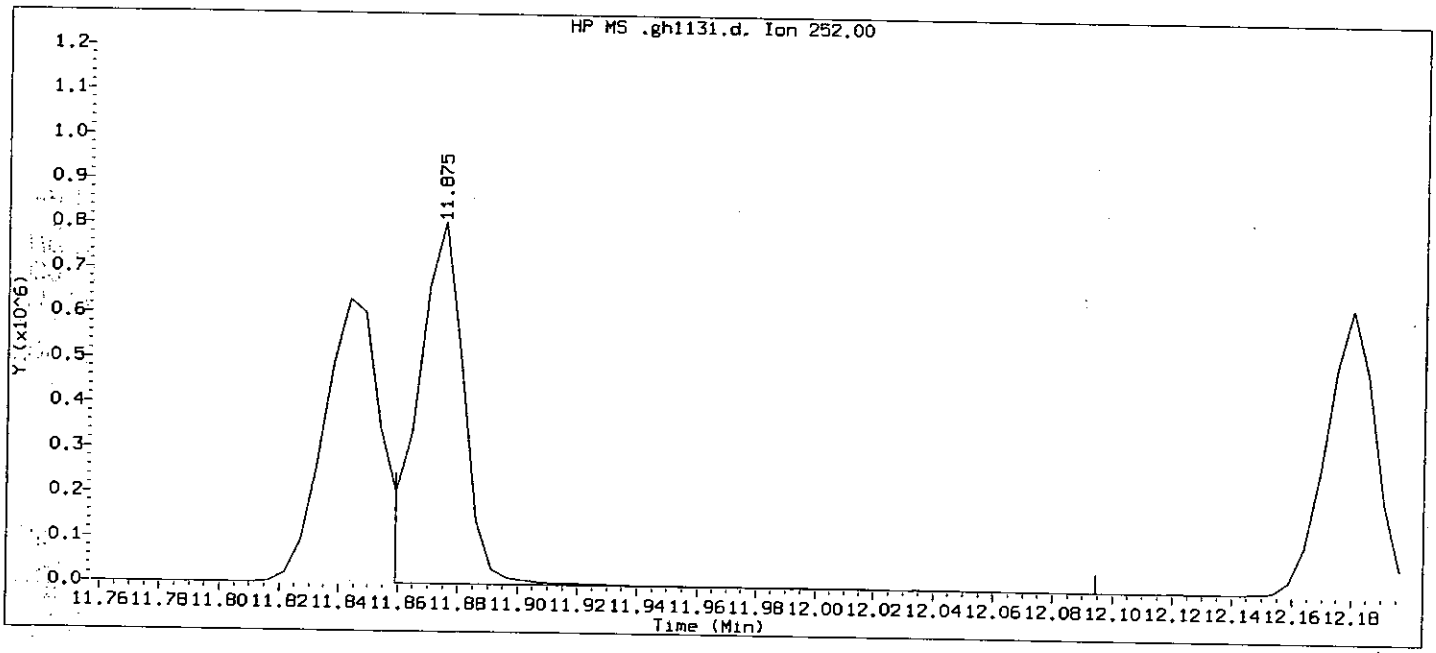
GC/MS audit/management approval: [signature] 8/31/07

Manual Integration Report for data file /chem/HP11165.i/07aug31.b/gh1131.d, generated on 08/31/2007 at 09:05

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP11165.i/07aug31.b/gh1131.d Instrument ID: HP11165.i
Injection date and time: 31-AUG-2007 08:45 Analyst ID: jmg00346

Method used: /chem/HP11165.i/07aug31.b/minti.m Sublist used: all1
Calibration date and time: 31-AUG-2007 09:02
Date, time and analyst ID of latest file update: 31-Aug-2007 09:02 Automation

Sample Name: SSTD030 Lab Sample ID: STD2407

Compound Number	:	171
Compound Name	:	Benzo(b)fluoranthene
Scan Number	:	1989
Retention Time (minutes)	:	11.875
Quant Ion	:	252
Area	:	846552
Concentration (ng/ul)	:	29.4618
Integration start scan	:	1985
Y at integration start	:	513

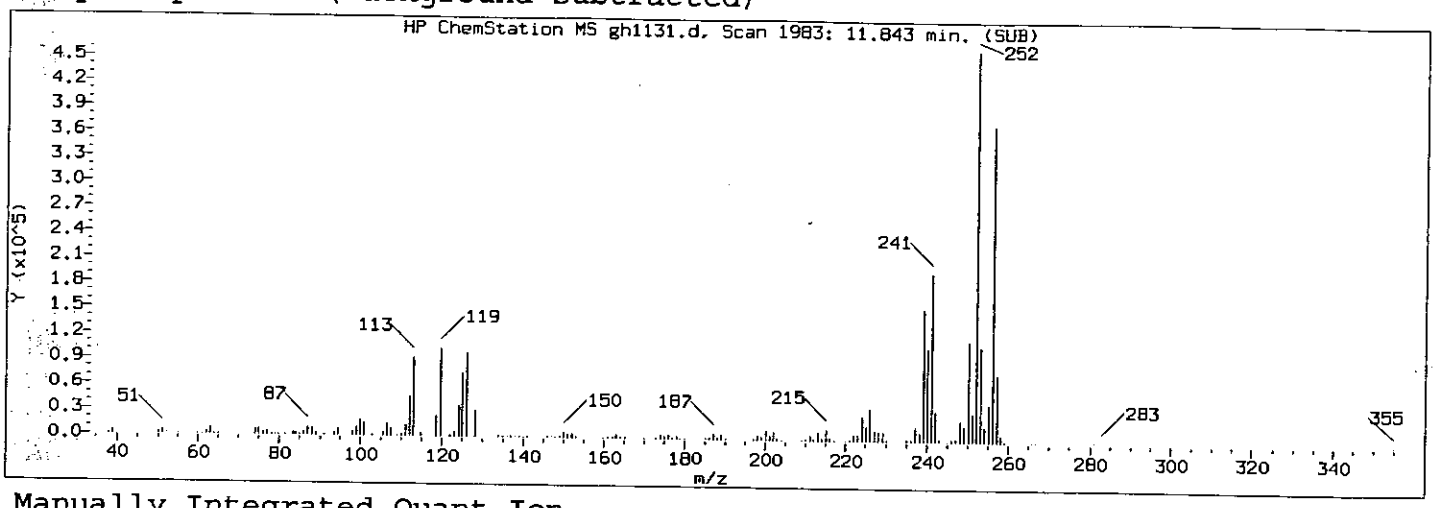
Integration stop scan: 2029
Y at integration end: 373

SM6/546
8.31.07

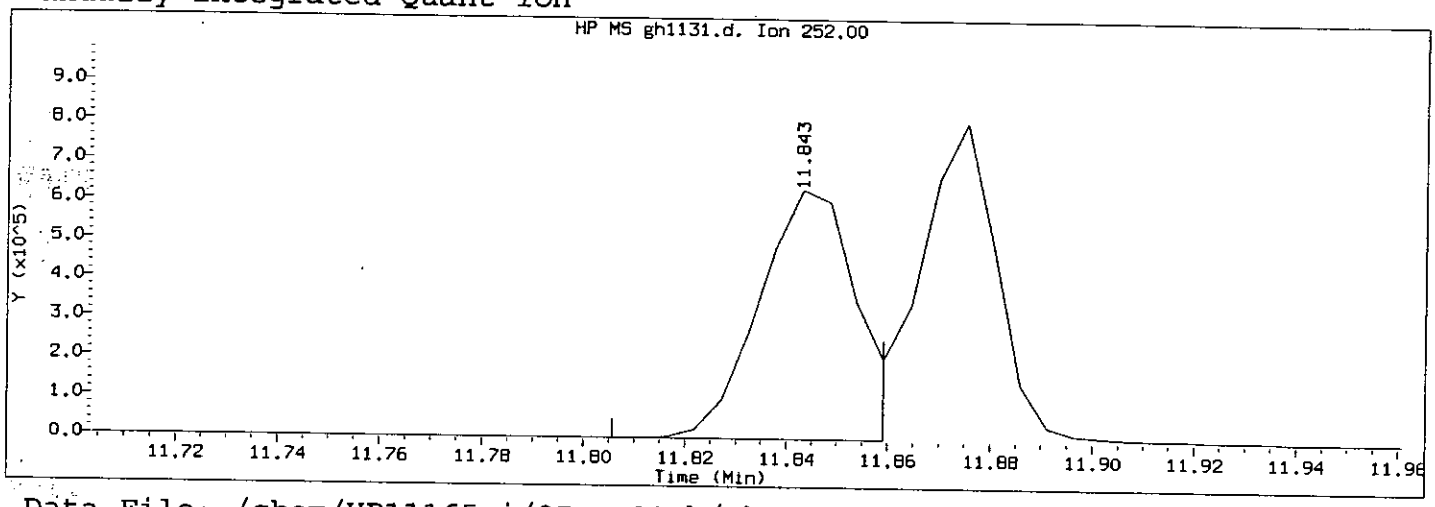
0756

Original Integration Report for data file /chem/HP11165.i/07aug31.b/gh1131.d, generated on 08/31/2007 at 09:05

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP11165.i/07aug31.b/gh1131.d Instrument ID: HP11165.i
Injection date and time: 31-AUG-2007 08:45 Analyst ID: jmg00346

Method used: /chem/HP11165.i/07aug31.b/minti.m Sublist used: all1
Calibration date and time: 31-AUG-2007 09:05
Date, time and analyst ID of latest file update: 31-Aug-2007 09:05 jmg00346

Sample Name: SSTD030 Lab Sample ID: STD2407

Compound Number	: 171
Compound Name	: Benzo(b)fluoranthene
Scan Number	: 1983
Retention Time (minutes)	: 11.843
Quant Ion	: 252
Area (flag)	: 823597A
Concentration (ng/ul)	: 28.6629
Integration start scan	: 1975 Integration stop scan: 1985
Y at integration start	: 0 Y at integration end: 513

Reason for manual integration (circle one): missed peak improper integration

Analyst responsible for change: [signature] 8.31.07

GC/MS audit/management approval: [signature] 8/31/07

Raw QC Data

Data File: /chem/HP10623.i/07aug22.b/ch0681a.d

Date : 22-AUG-2007 10:10

Client ID: 50NG/UL

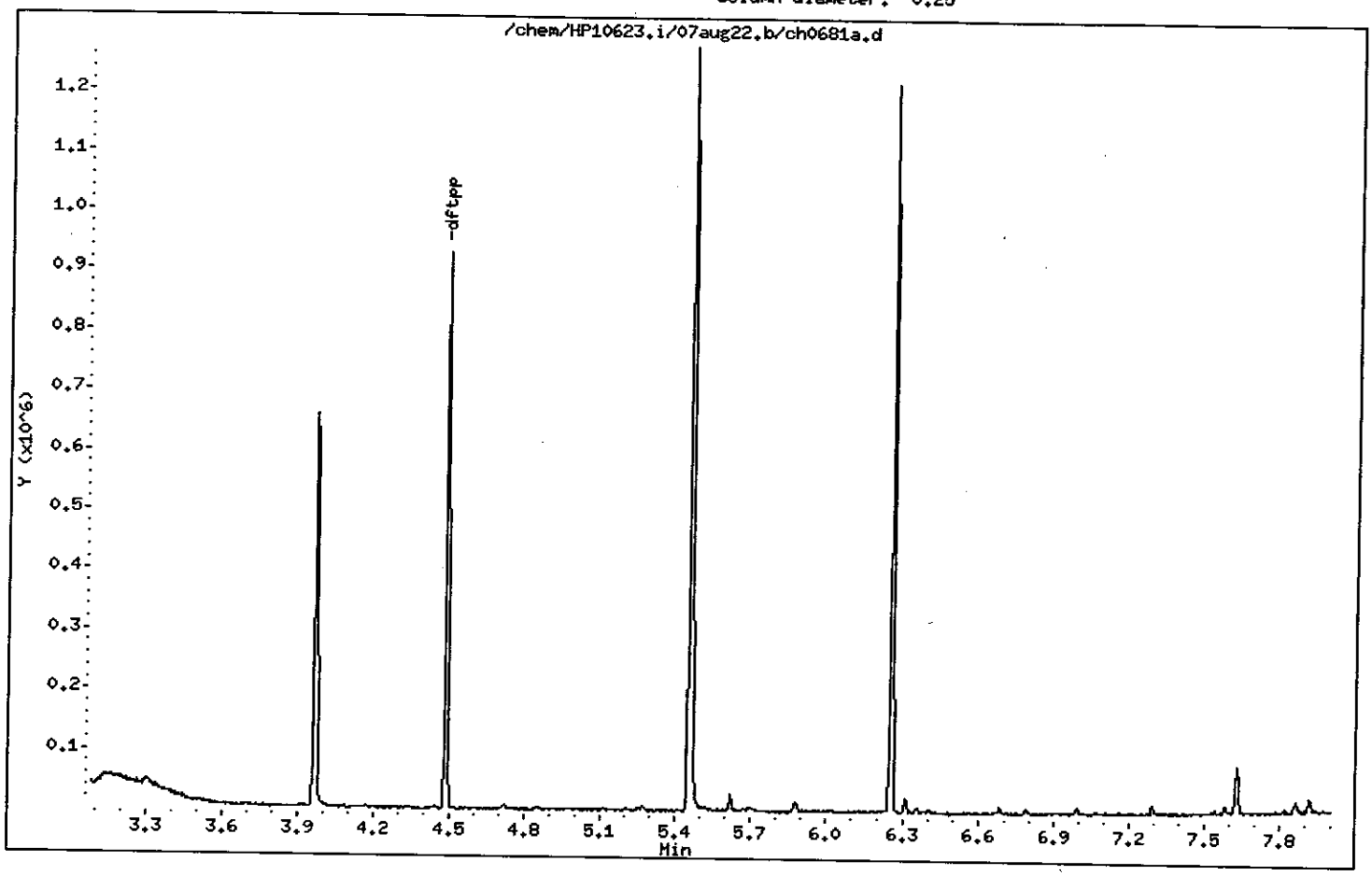
Sample Info: 50NG/UL;8270DFTPP2327;

Instrument: HP10623.i

Operator: cam01237

Column phase: DB-5

Column diameter: 0.25



Data File: /chem/HP10623.i/07aug22.b/ch0681a.d

Date : 22-AUG-2007 10:10

Client ID: 50NG/UL

Instrument: HP10623.i

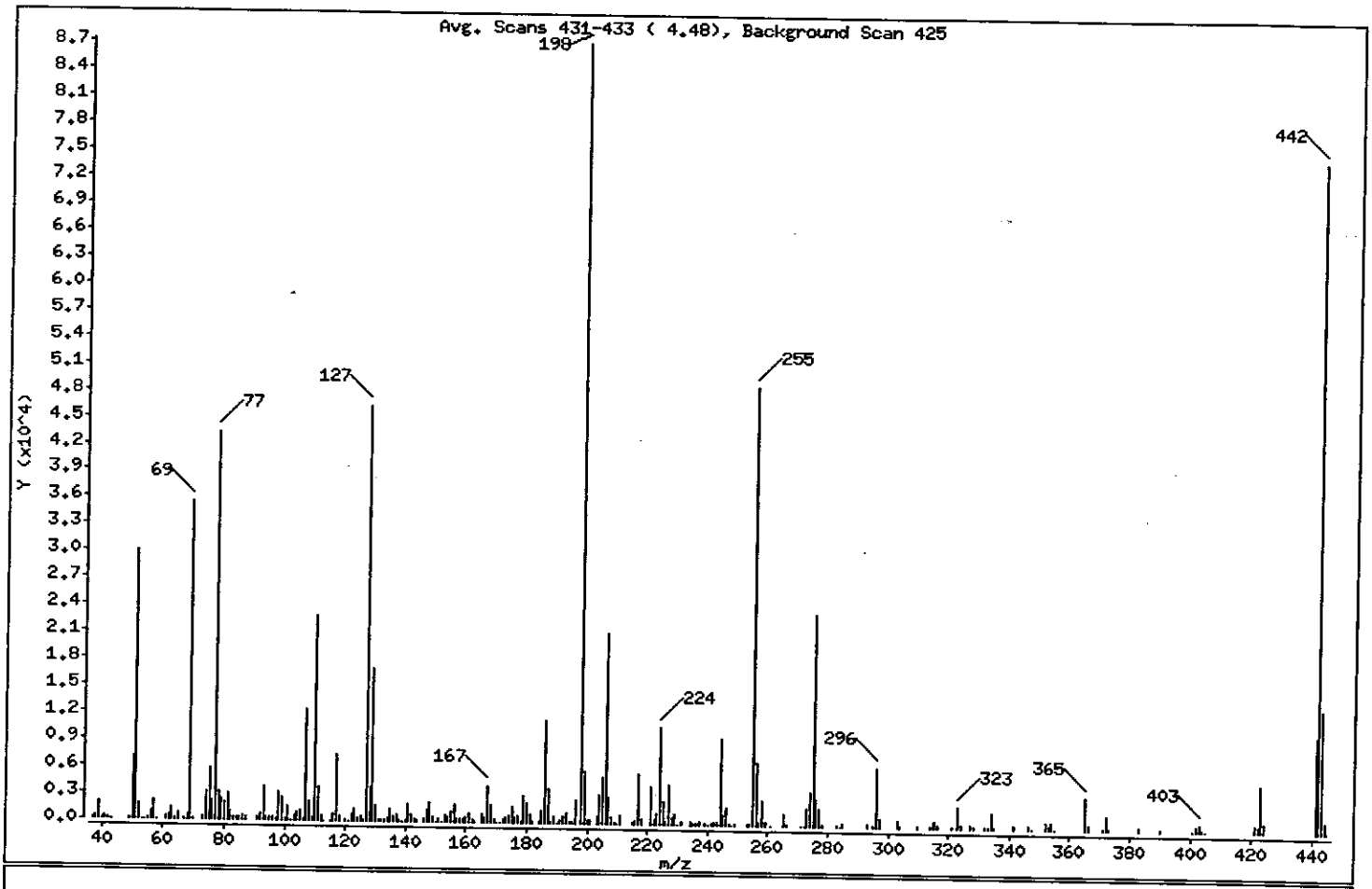
Sample Info: 50NG/UL;8270DFTPP2327;

Operator: cam01237

Column phase: DB-5

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	34.43
68	Less than 2.00% of mass 69	0.68 (1.68)
69	Mass 69 relative abundance	40.65
70	Less than 2.00% of mass 69	0.21 (0.52)
127	40.00 - 60.00% of mass 198	53.19
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.68
275	10.00 - 30.00% of mass 198	27.06
365	Greater than 1.00% of mass 198	4.23
441	Present, but less than mass 443	12.22
442	40.00 - 99.99% of mass 198	85.86
443	17.00 - 23.00% of mass 442	15.60 (18.17)

8760

Data File: /chem/HP10623.i/07aug22.b/ch0681a.d

Date : 22-AUG-2007 10:10

Client ID: 50NG/UL

Instrument: HP10623.i

Sample Info: 50NG/UL;8270DFTPP2327;

Operator: cam01237

Column phase: DB-5

Column diameter: 0.25

Data File: ch0681a.d

Spectrum: Avg. Scans 431-433 (4.48), Background Scan 425

Location of Maximum: 198.00

Number of points: 253

m/z	Y	m/z	Y	m/z	Y	m/z	Y
37.00	120	115.00	70	182.00	176	261.00	82
38.00	311	116.00	731	184.00	235	265.00	1325
39.00	2051	117.00	7471	185.00	1491	266.00	218
40.00	120	118.00	653	186.00	11444	271.00	55
41.00	320	120.00	189	187.00	3899	272.00	53
42.00	111	121.00	84	188.00	207	273.00	1975
43.00	54	122.00	857	189.00	854	274.00	3904
49.00	149	123.00	1406	190.00	57	275.00	23600
50.00	7038	124.00	437	191.00	487	276.00	3106
51.00	30024	125.00	575	192.00	884	277.00	2014
52.00	1719	126.00	111	193.00	1147	278.00	218
53.00	59	127.00	46384	194.00	233	283.00	107
54.00	57	128.00	3760	195.00	224	284.00	97
55.00	132	129.00	17104	196.00	2617	285.00	363
56.00	975	130.00	1740	198.00	87216	293.00	436
57.00	2240	131.00	273	199.00	5826	295.00	106
58.00	52	132.00	169	200.00	406	296.00	6640
61.00	488	133.00	131	201.00	366	297.00	1003
62.00	604	134.00	448	203.00	721	303.00	888
63.00	1324	135.00	1459	204.00	3176	304.00	282
64.00	156	136.00	580	205.00	5201	310.00	159
65.00	767	137.00	745	206.00	21352	314.00	166
67.00	194	138.00	140	207.00	2958	315.00	888
68.00	594	139.00	75	208.00	729	316.00	398
69.00	35448	140.00	265	209.00	255	321.00	233
70.00	185	141.00	1920	210.00	91	323.00	2426
73.00	418	142.00	843	211.00	978	324.00	353
74.00	3216	143.00	478	215.00	274	327.00	407
75.00	5727	144.00	239	216.00	472	328.00	215
76.00	2107	146.00	362	217.00	5607	332.00	181
77.00	43272	147.00	1316	218.00	652	333.00	186
78.00	3278	148.00	2133	221.00	4151	334.00	1753
79.00	2395	149.00	513	222.00	536	335.00	287
80.00	1996	150.00	83	223.00	1247	341.00	355
81.00	3075	151.00	333	224.00	10776	346.00	482

Data File: /chem/HP10623.i/07aug22.b/ch0681a.d

Date : 22-AUG-2007 10:10

Client ID: 50NG/UL

Instrument: HP10623.i

Sample Info: 50NG/UL;8270DFTPP2327;

Operator: cam01237

Column phase: DB-5

Column diameter: 0.25

Data File: ch0681a.d

Spectrum: Avg. Scans 431-433 (4.48), Background Scan 425

Location of Maximum: 198.00

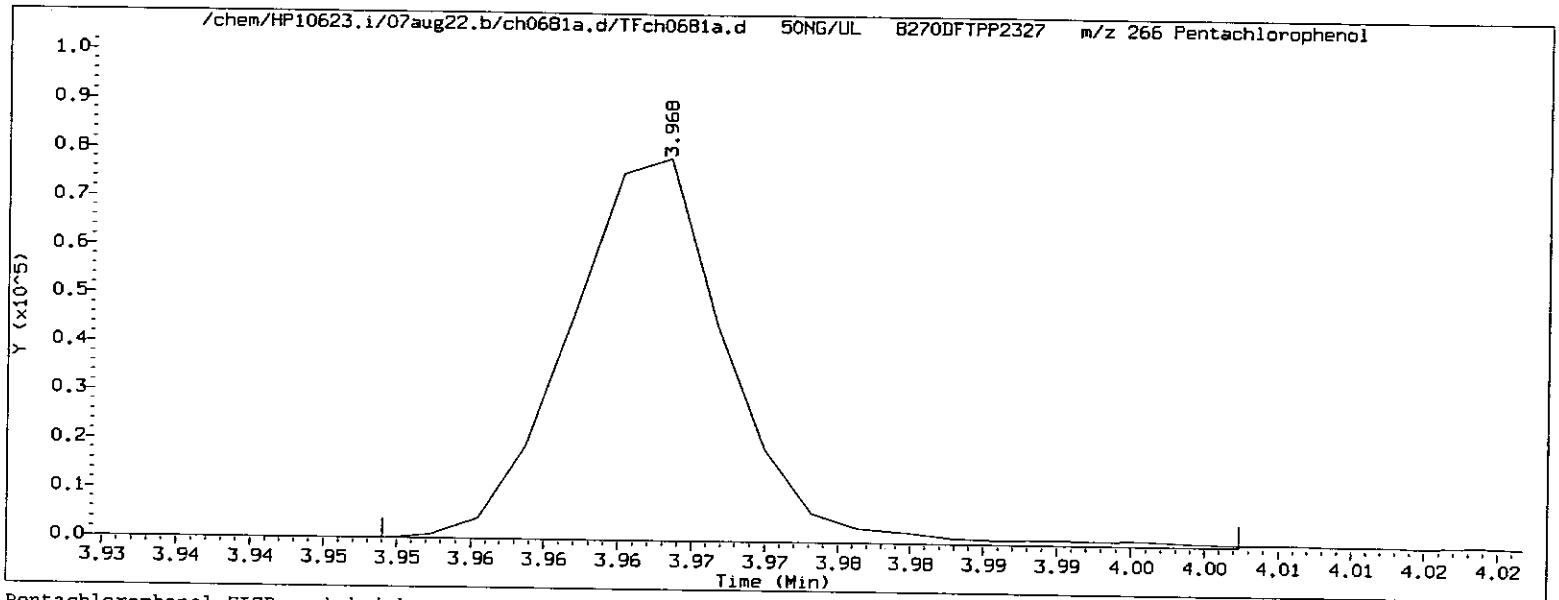
Number of points: 253

m/z	Y	m/z	Y	m/z	Y	m/z	Y
82.00	911	152.00	62	225.00	2575	347.00	87
83.00	447	153.00	777	226.00	405	352.00	826
84.00	410	154.00	613	227.00	4492	353.00	420
85.00	480	155.00	1273	228.00	803	354.00	868
86.00	553	156.00	1949	229.00	1107	355.00	93
87.00	331	157.00	395	230.00	84	365.00	3693
91.00	483	158.00	480	231.00	492	366.00	596
92.00	808	159.00	338	234.00	347	371.00	247
93.00	3908	160.00	654	235.00	299	372.00	1617
94.00	440	161.00	1095	236.00	140	373.00	180
95.00	317	162.00	316	237.00	417	383.00	364
96.00	480	163.00	130	239.00	240	390.00	185
97.00	121	165.00	963	240.00	60	401.00	58
98.00	3248	166.00	568	241.00	202	402.00	507
99.00	2587	167.00	4016	242.00	496	403.00	867
100.00	275	168.00	1979	243.00	443	404.00	250
101.00	1588	169.00	353	244.00	9598	405.00	62
102.00	55	170.00	64	245.00	1164	421.00	750
103.00	661	171.00	80	246.00	1989	422.00	633
104.00	943	172.00	483	247.00	249	423.00	5250
105.00	1240	173.00	607	248.00	50	424.00	958
106.00	196	174.00	841	249.00	199	441.00	10655
107.00	12433	175.00	1873	253.00	118	442.00	74880
108.00	2185	176.00	503	254.00	185	443.00	13606
109.00	317	177.00	796	255.00	48840	444.00	1273
110.00	22792	178.00	206	256.00	7112	445.00	56
111.00	3775	179.00	3083	257.00	461		
112.00	558	180.00	2232	258.00	2729		
113.00	70	181.00	954	259.00	476		

8762

Assessment of GC Column Performance and Injection Port Inertness for

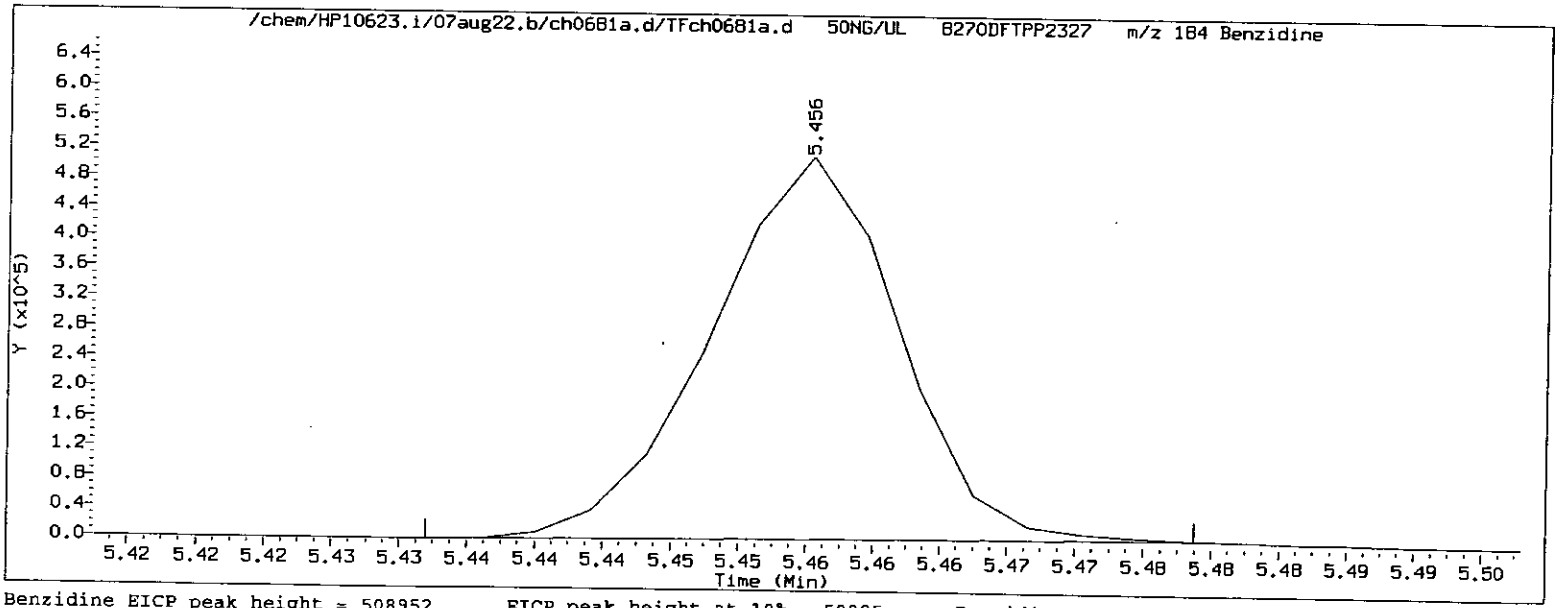
Instrument ID: HP10623.i Injection Date: 22-AUG-2007 10:10 Operator: cam01237



Pentachlorophenol EICP peak height = 78536 EICP peak height at 10% = 7854 Pentachlorophenol EICP area = 59291

Pentachlorophenol EICP peak apex (min.) = 3.968
RT at 10% of front half of EICP (min.) = 3.956 'Front' peak width (min.) = 0.0121166667
RT at 10% of back half of EICP (min.) = 3.978 'Tailing' peak width (min.) = 0.0092000000

PCP tailing factor = $\frac{\text{'Tailing' peak width (min.)}}{\text{'Front' peak width (min.)}} = \frac{0.0092000000}{0.0121166667} = 0.759$



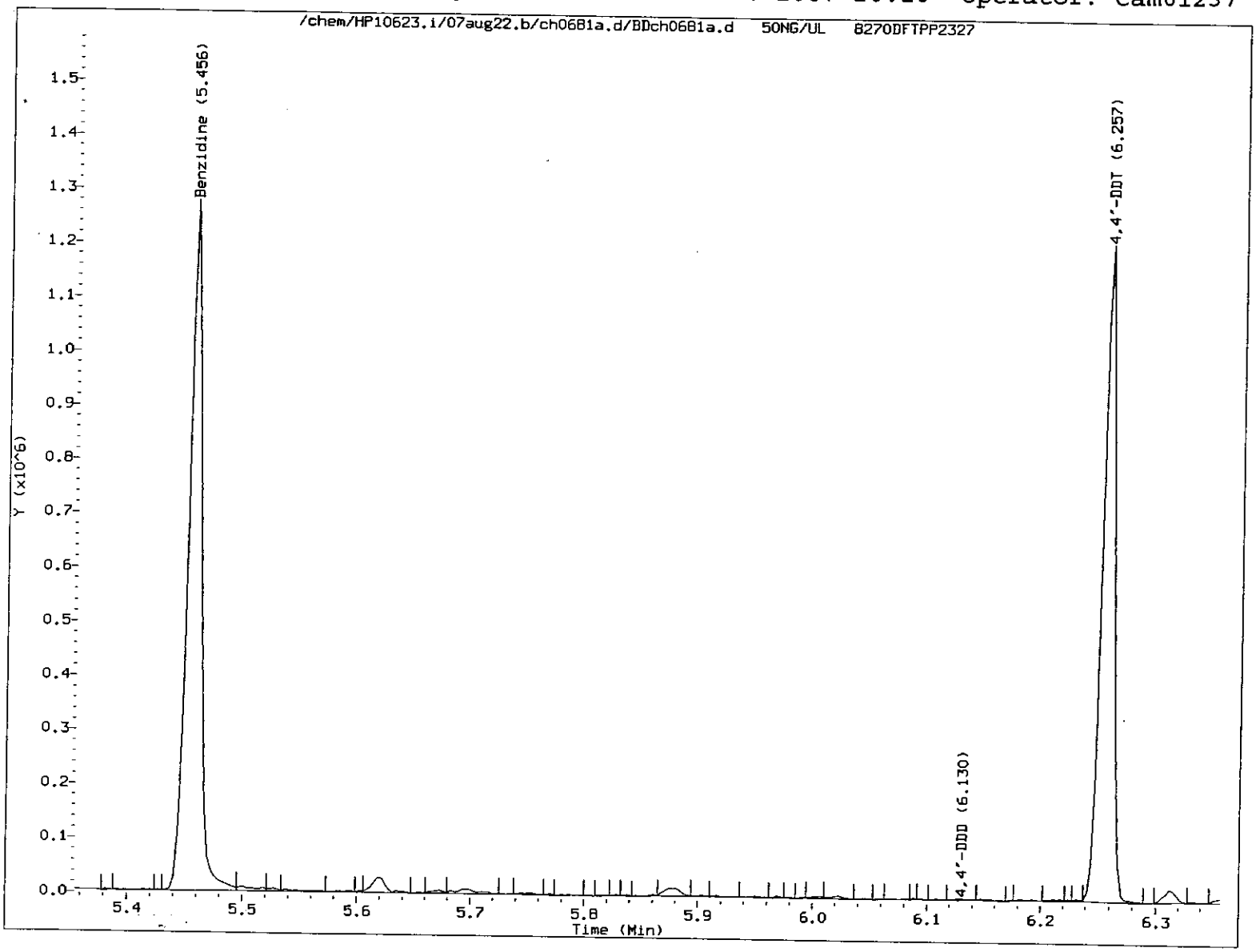
Benzidine EICP peak height = 508952 EICP peak height at 10% = 50895 Benzidine EICP area = 393579

Benzidine EICP peak apex (min.) = 5.456
RT at 10% of front half of EICP (min.) = 5.444 'Front' peak width (min.) = 0.0123000000
RT at 10% of back half of EICP (min.) = 5.467 'Tailing' peak width (min.) = 0.0105333333

Benzidine tailing factor = $\frac{\text{'Tailing' peak width (min.)}}{\text{'Front' peak width (min.)}} = \frac{0.0105333333}{0.0123000000} = 0.856$

Assessment of GC Column Performance and Injection Port Inertness for

Instrument ID: HP10623.i Injection Date: 22-AUG-2007 10:10 Operator: cam01237



$$\% \text{ 4,4'-DDT breakdown} = \frac{\text{4,4'-DDE TIC area + 4,4'-DDD TIC area}}{\text{4,4'-DDE TIC area + 4,4'-DDD TIC area + 4,4'-DDT TIC area}} \times 100$$

$$\% \text{ 4,4'-DDT breakdown} = \frac{0 + 2037}{0 + 2037 + 866098} \times 100 = 0.2$$

8764

Data File: /chem/HP10623.i/07aug27.b/ch0860z.d

Date : 27-AUG-2007 19:39

Client ID: 50NG/UL

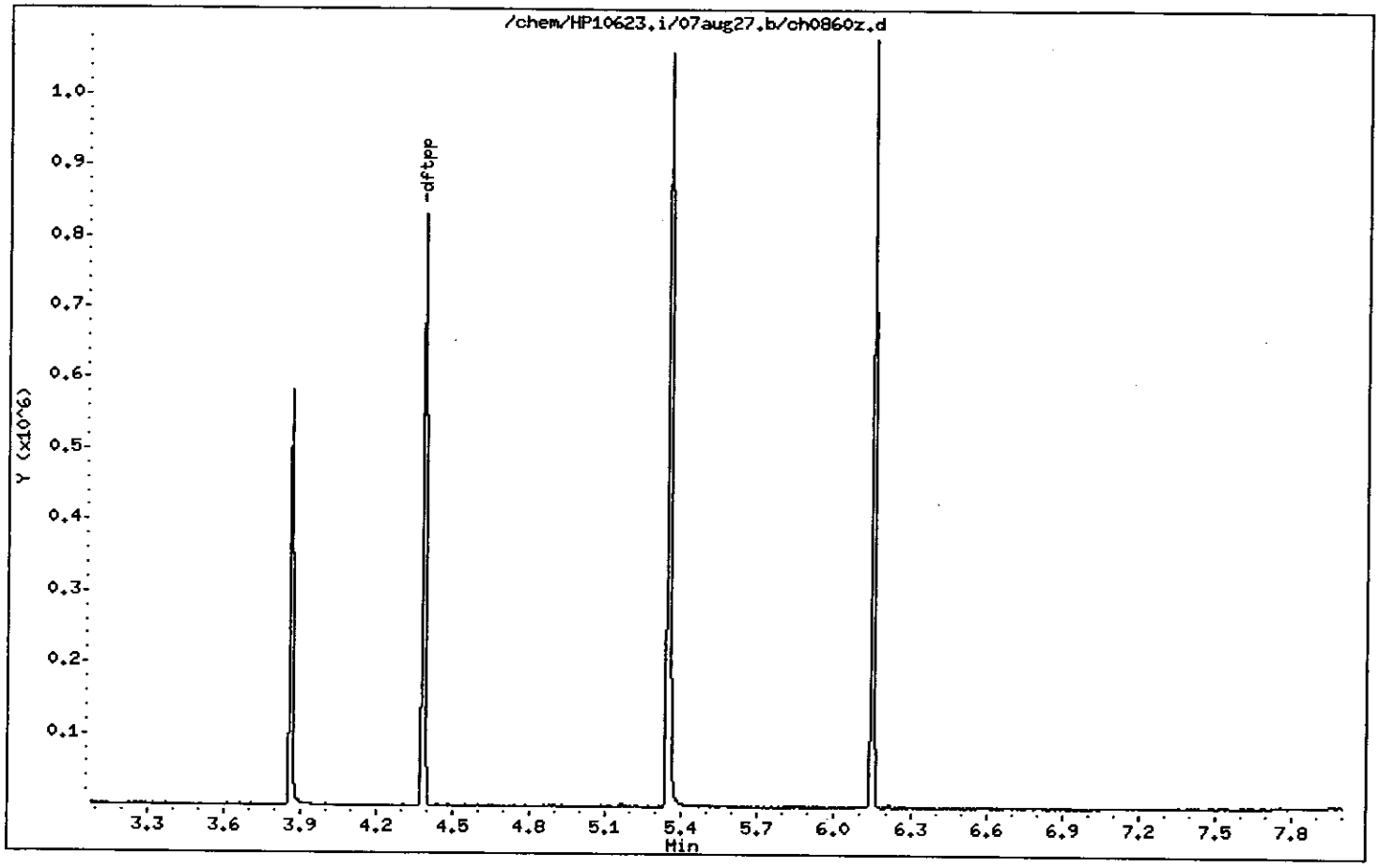
Instrument: HP10623.i

Sample Info: 50NG/UL;8270DFTPP2327;

Operator: lmh00956

Column phase: DB-5

Column diameter: 0.25



Data File: /chem/HP10623.i/07aug27.b/ch0860z.d

Date : 27-AUG-2007 19:39

Client ID: 50NG/UL

Instrument: HP10623.i

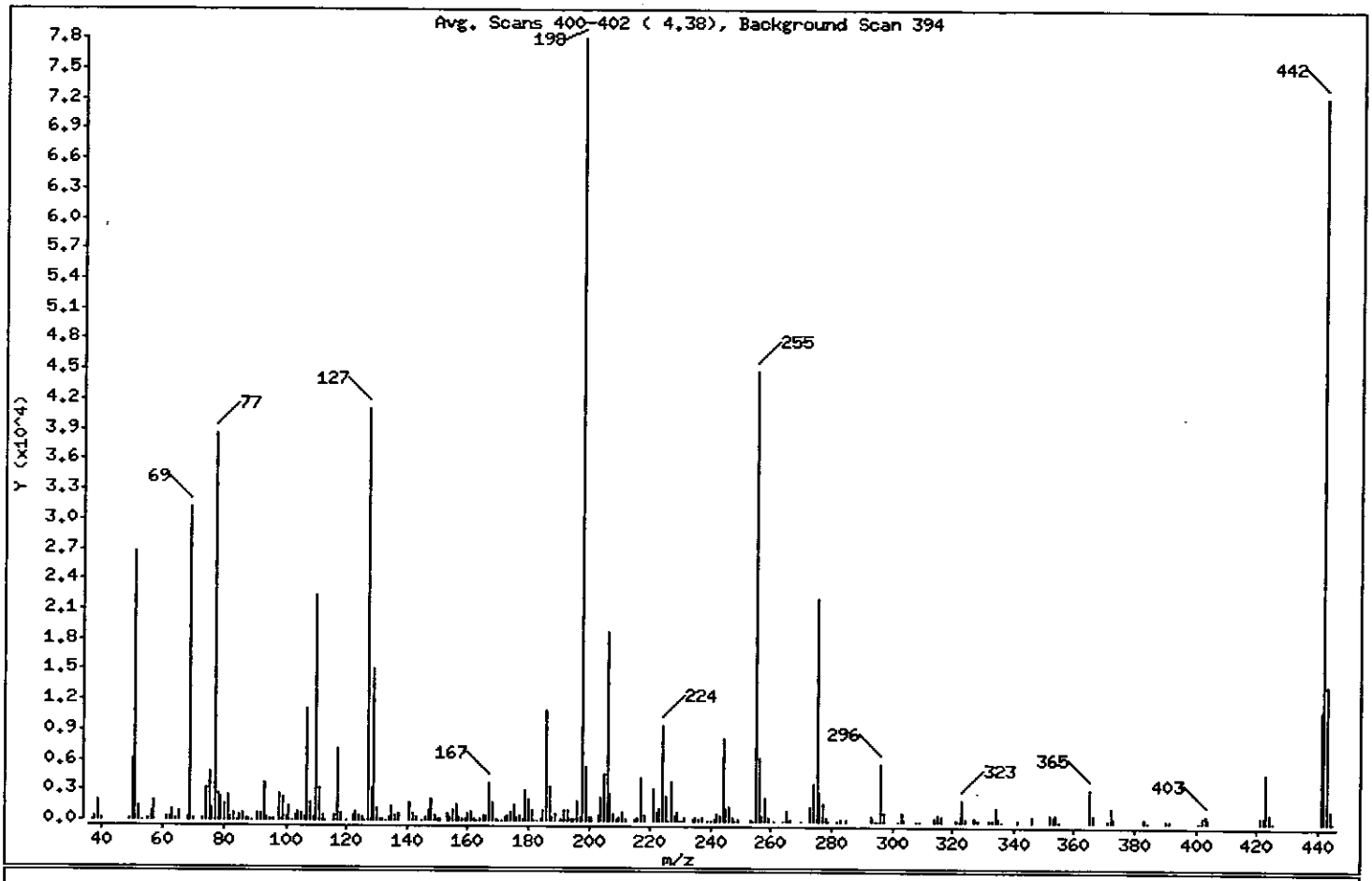
Sample Info: 50NG/UL;8270DFTPP2327;

Operator: lmh00956

Column phase: DB-5

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	34.16
68	Less than 2.00% of mass 69	0.57 (1.43)
69	Mass 69 relative abundance	40.08
70	Less than 2.00% of mass 69	0.30 (0.75)
127	40.00 - 60.00% of mass 198	52.70
197	Less than 1.00% of mass 198	0.36
199	5.00 - 9.00% of mass 198	6.83
275	10.00 - 30.00% of mass 198	28.44
365	Greater than 1.00% of mass 198	4.14
441	Present, but less than mass 443	14.35
442	40.00 - 99.99% of mass 198	92.62
443	17.00 - 23.00% of mass 442	17.55 (18.95)

8766

Data File: /chem/HP10623.i/07aug27.b/ch0860z.d

Date : 27-AUG-2007 19:39

Client ID: 50NG/UL

Instrument: HP10623.i

Sample Info: 50NG/UL;8270DFTPP2327;

Operator: lmh00956

Column phase: DB-5

Column diameter: 0.25

Data File: ch0860z.d
Spectrum: Avg. Scans 400-402 (4.38), Background Scan 394
Location of Maximum: 198.00
Number of points: 252

m/z	Y	m/z	Y	m/z	Y	m/z	Y
37.00	56	123.00	895	193.00	1124	276.00	2891
38.00	318	124.00	483	194.00	184	277.00	1772
39.00	1895	125.00	445	195.00	91	278.00	288
40.00	218	126.00	59	196.00	2043	279.00	55
49.00	164	127.00	41128	197.00	284	282.00	53
50.00	6026	128.00	3158	198.00	78040	283.00	162
51.00	26656	129.00	15096	199.00	5333	285.00	269
52.00	1460	130.00	1284	200.00	284	293.00	474
53.00	50	131.00	209	201.00	375	294.00	85
55.00	141	132.00	178	203.00	586	295.00	60
56.00	898	133.00	54	204.00	2355	296.00	5783
57.00	1900	134.00	431	205.00	4744	297.00	900
61.00	344	135.00	1403	206.00	18752	302.00	50
62.00	351	136.00	587	207.00	2697	303.00	827
63.00	1111	137.00	653	208.00	655	304.00	164
64.00	102	141.00	1729	209.00	126	308.00	51
65.00	832	142.00	778	210.00	377	309.00	52
68.00	448	143.00	415	211.00	931	314.00	340
69.00	31280	145.00	57	212.00	128	315.00	723
70.00	235	146.00	324	215.00	235	316.00	531
73.00	195	147.00	1032	216.00	403	321.00	195
74.00	3287	148.00	2091	217.00	4225	322.00	74
75.00	4926	149.00	488	218.00	622	323.00	2147
76.00	1315	150.00	154	221.00	3212	324.00	369
77.00	38608	151.00	228	222.00	979	327.00	324
78.00	2609	153.00	676	223.00	1195	328.00	174
79.00	2244	154.00	326	224.00	9467	332.00	157
80.00	1566	155.00	1036	225.00	2579	333.00	182
81.00	2502	156.00	1648	226.00	86	334.00	1399
82.00	447	157.00	282	227.00	3954	335.00	348
83.00	762	158.00	251	228.00	596	336.00	62
84.00	65	159.00	257	229.00	909	341.00	239
85.00	558	160.00	681	230.00	73	346.00	556
86.00	713	161.00	972	231.00	347	352.00	676
87.00	258	162.00	186	234.00	262	353.00	473

8767

Data File: /chem/HP10623.i/07aug27.b/ch0860z.d

Date : 27-AUG-2007 19:39

Client ID: 50NG/UL

Instrument: HP10623.i

Sample Info: 50NG/UL;8270DFTPP2327;

Operator: lmh00956

Column phase: DB-5

Column diameter: 0.25

Data File: ch0860z.d

Spectrum: Avg. Scans 400-402 (4.38), Background Scan 394

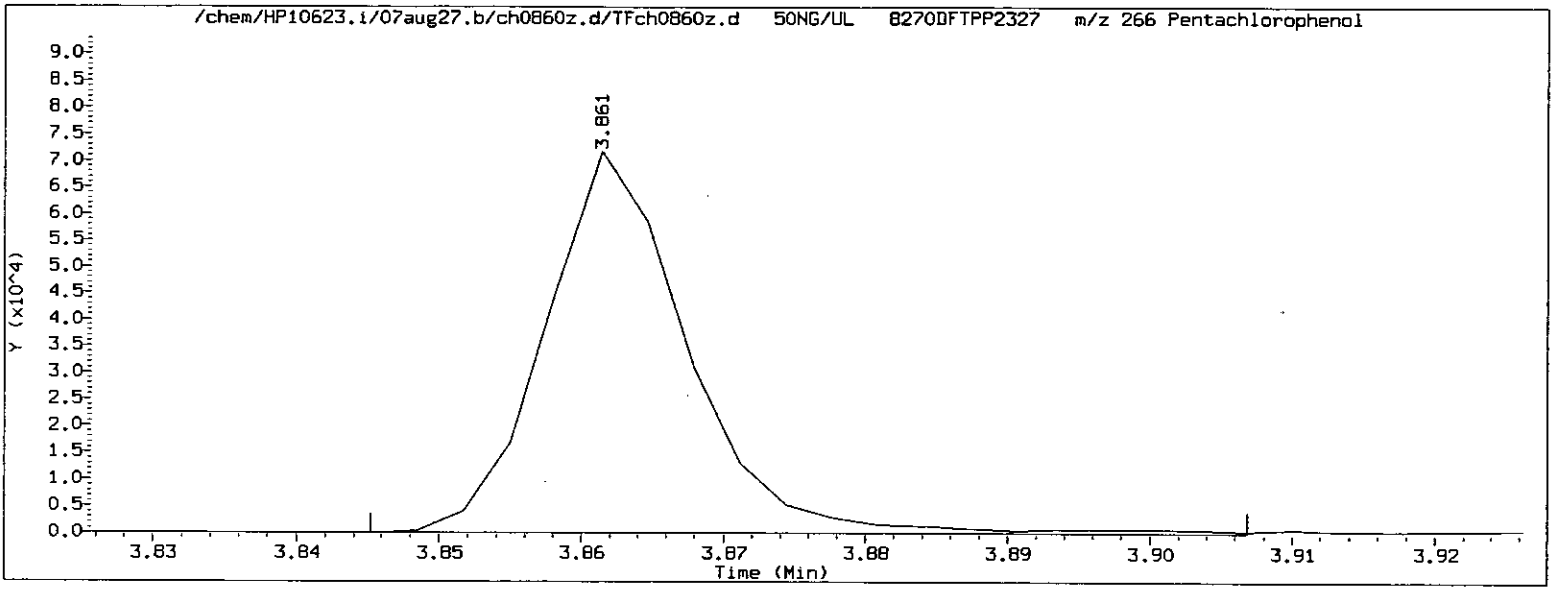
Location of Maximum: 198.00

Number of points: 252

m/z	Y	m/z	Y	m/z	Y	m/z	Y
88.00	114	163.00	51	235.00	306	354.00	713
89.00	73	164.00	91	236.00	146	355.00	74
91.00	699	165.00	472	237.00	413	365.00	3232
92.00	728	166.00	531	239.00	66	366.00	628
93.00	3752	167.00	3788	240.00	60	371.00	217
94.00	301	168.00	1730	241.00	104	372.00	1415
95.00	133	169.00	264	242.00	677	373.00	296
96.00	210	170.00	55	243.00	607	383.00	305
98.00	2654	171.00	70	244.00	8341	384.00	71
99.00	2381	172.00	365	245.00	1234	390.00	252
100.00	287	173.00	529	246.00	1380	391.00	174
101.00	1483	174.00	823	247.00	330	401.00	83
102.00	59	175.00	1544	248.00	64	402.00	513
103.00	469	176.00	371	249.00	257	403.00	727
104.00	948	177.00	617	253.00	233	404.00	312
105.00	755	178.00	160	254.00	70	421.00	541
106.00	356	179.00	3090	255.00	44888	422.00	587
107.00	11107	180.00	2065	256.00	6197	423.00	4855
108.00	1856	181.00	1148	257.00	450	424.00	974
109.00	280	182.00	70	258.00	2283	425.00	52
110.00	22336	183.00	86	259.00	370	441.00	11201
111.00	3254	184.00	219	261.00	50	442.00	72288
112.00	477	185.00	1099	264.00	67	443.00	13699
113.00	57	186.00	10976	265.00	1119	444.00	1314
116.00	627	187.00	3338	266.00	210	445.00	69
117.00	7250	188.00	309	270.00	59		
118.00	632	189.00	687	273.00	1358		
120.00	84	191.00	261	274.00	3853		
122.00	605	192.00	1001	275.00	22192		

Assessment of GC Column Performance and Injection Port Inertness for

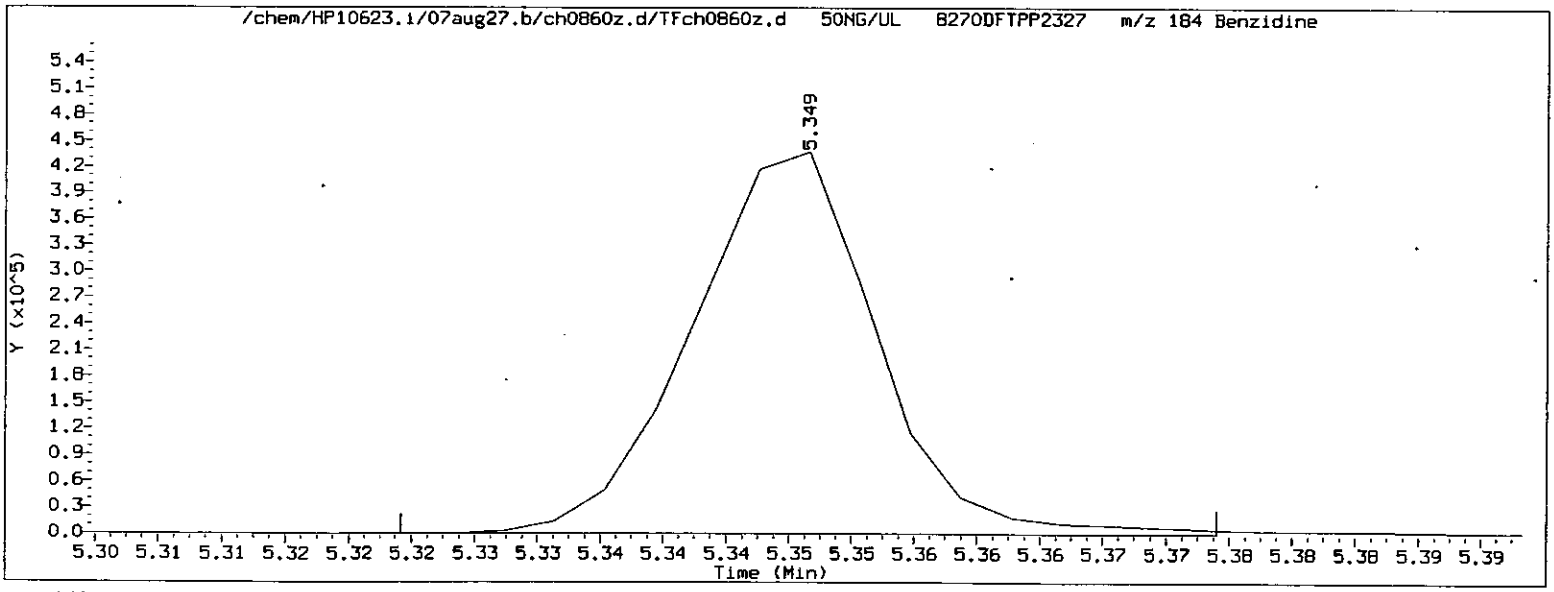
Instrument ID: HP10623.i Injection Date: 27-AUG-2007 19:39 Operator: lmh00956



Pentachlorophenol EICP peak height = 71776 EICP peak height at 10% = 7178 Pentachlorophenol EICP area = 49851

Pentachlorophenol EICP peak apex (min.) = 3.861
RT at 10% of front half of EICP (min.) = 3.853 'Front' peak width (min.) = 0.0089000000
RT at 10% of back half of EICP (min.) = 3.874 'Tailing' peak width (min.) = 0.0121333333

PCP tailing factor = $\frac{\text{'Tailing' peak width (min.)}}{\text{'Front' peak width (min.)}} = \frac{0.0121333333}{0.0089000000} = 1.363$



Benzidine EICP peak height = 437440 EICP peak height at 10% = 43744 Benzidine EICP area = 356712

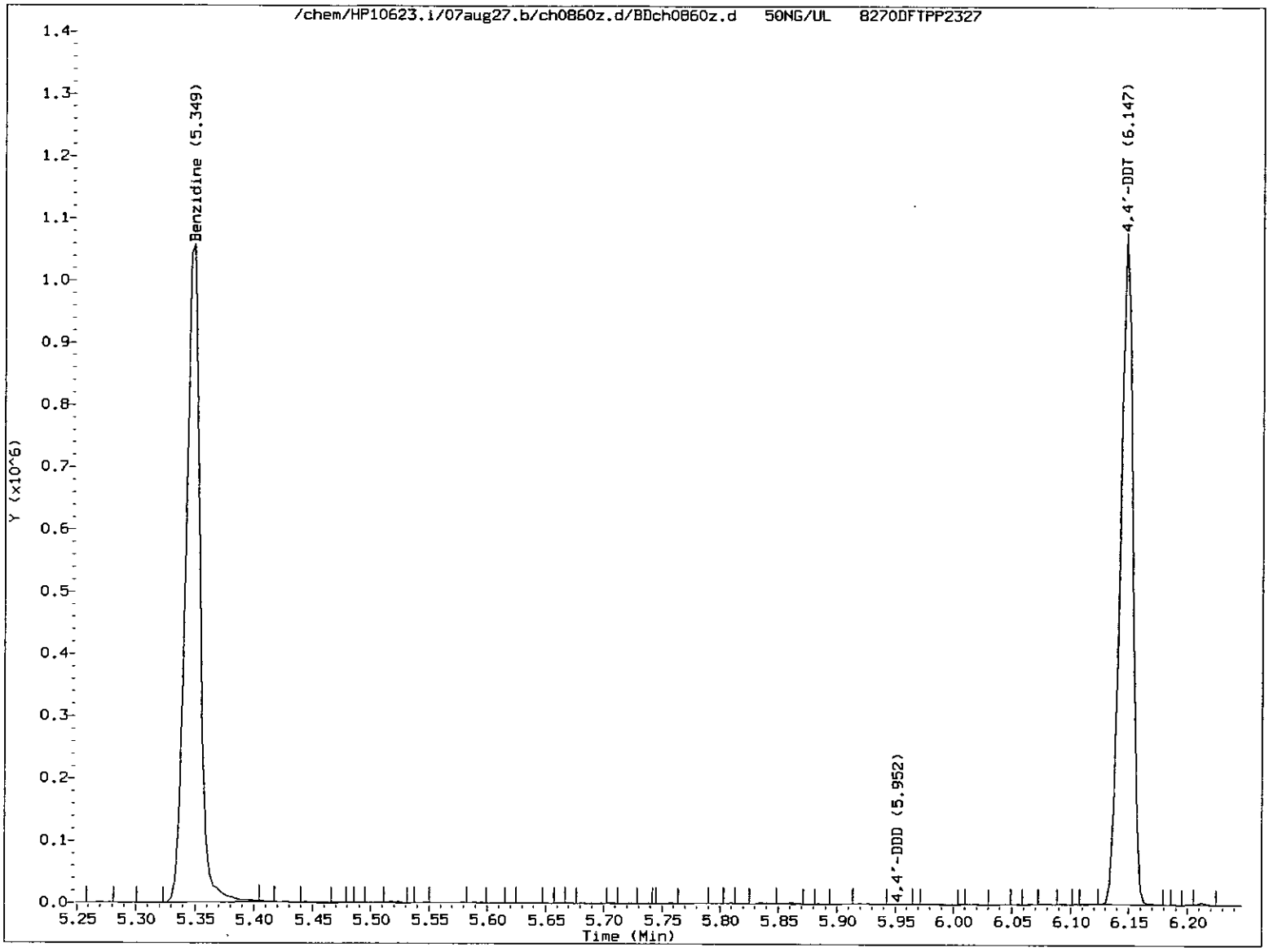
Benzidine EICP peak apex (min.) = 5.349
RT at 10% of front half of EICP (min.) = 5.336 'Front' peak width (min.) = 0.0132666667
RT at 10% of back half of EICP (min.) = 5.359 'Tailing' peak width (min.) = 0.0095166667

Benzidine tailing factor = $\frac{\text{'Tailing' peak width (min.)}}{\text{'Front' peak width (min.)}} = \frac{0.0095166667}{0.0132666667} = 0.717$

printed on 08/27/2007 at 19:49

Assessment of GC Column Performance and Injection Port Inertness for

Instrument ID: HP10623.i Injection Date: 27-AUG-2007 19:39 Operator: lmh00956



$$\% \text{ 4,4'-DDT breakdown} = \frac{\text{4,4'-DDE TIC area + 4,4'-DDD TIC area}}{\text{4,4'-DDE TIC area + 4,4'-DDD TIC area + 4,4'-DDT TIC area}} \times 100$$

$$\% \text{ 4,4'-DDT breakdown} = \frac{0 + 714}{0 + 714 + 799612} \times 100 = 0.1$$

8270

Data File: /chem/HP10623.i/07aug24a.b/ch0820.d

Date : 24-AUG-2007 19:26

Client ID: 50NG/UL

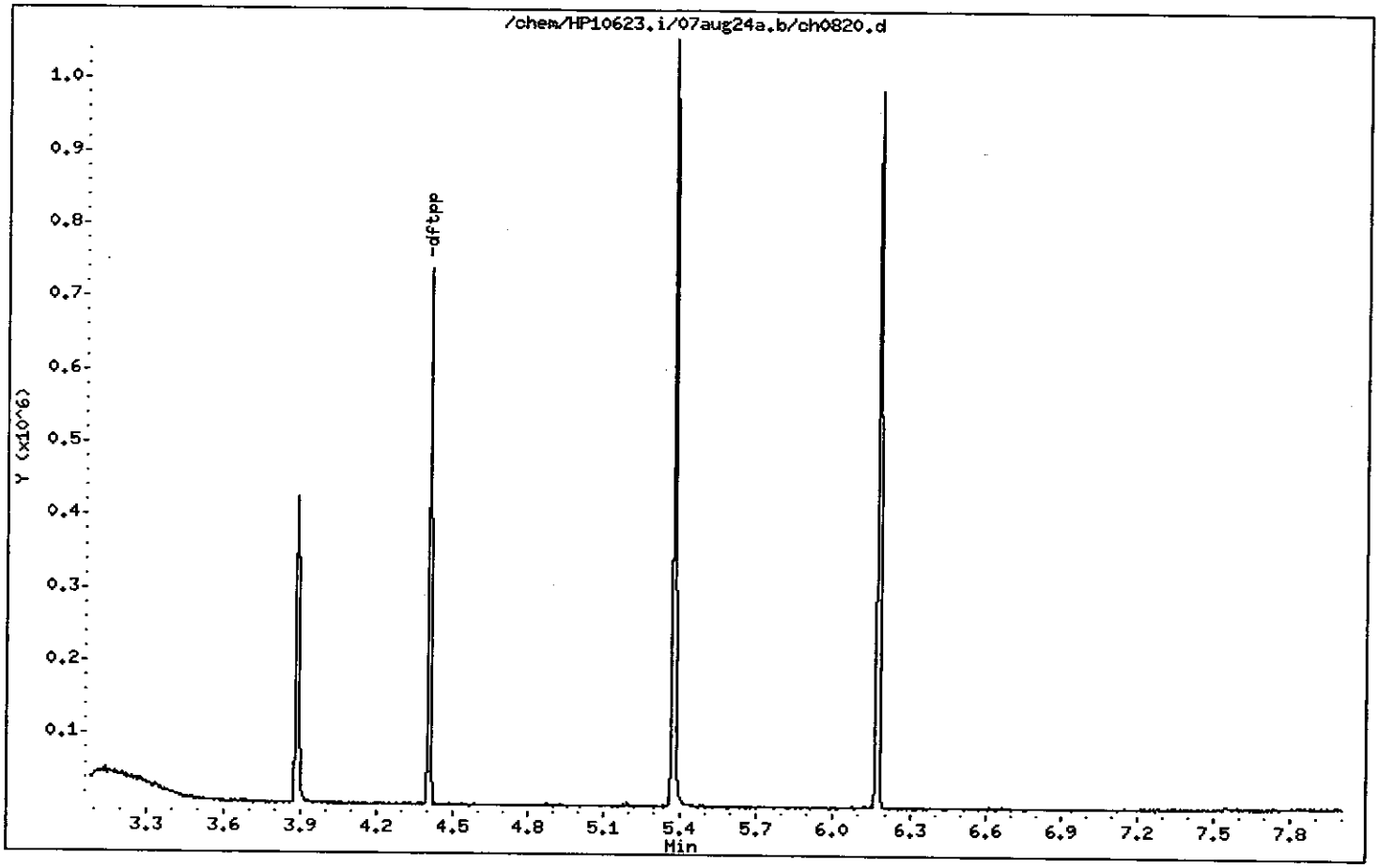
Instrument: HP10623.i

Sample Info: 50NG/UL;8270DFTPP2327;

Operator: lmh00956

Column phase: DB-5

Column diameter: 0.25



Data File: /chem/HP10623.i/07aug24a.b/ch0820.d

Date : 24-AUG-2007 19:26

Client ID: 50NG/UL

Instrument: HP10623.i

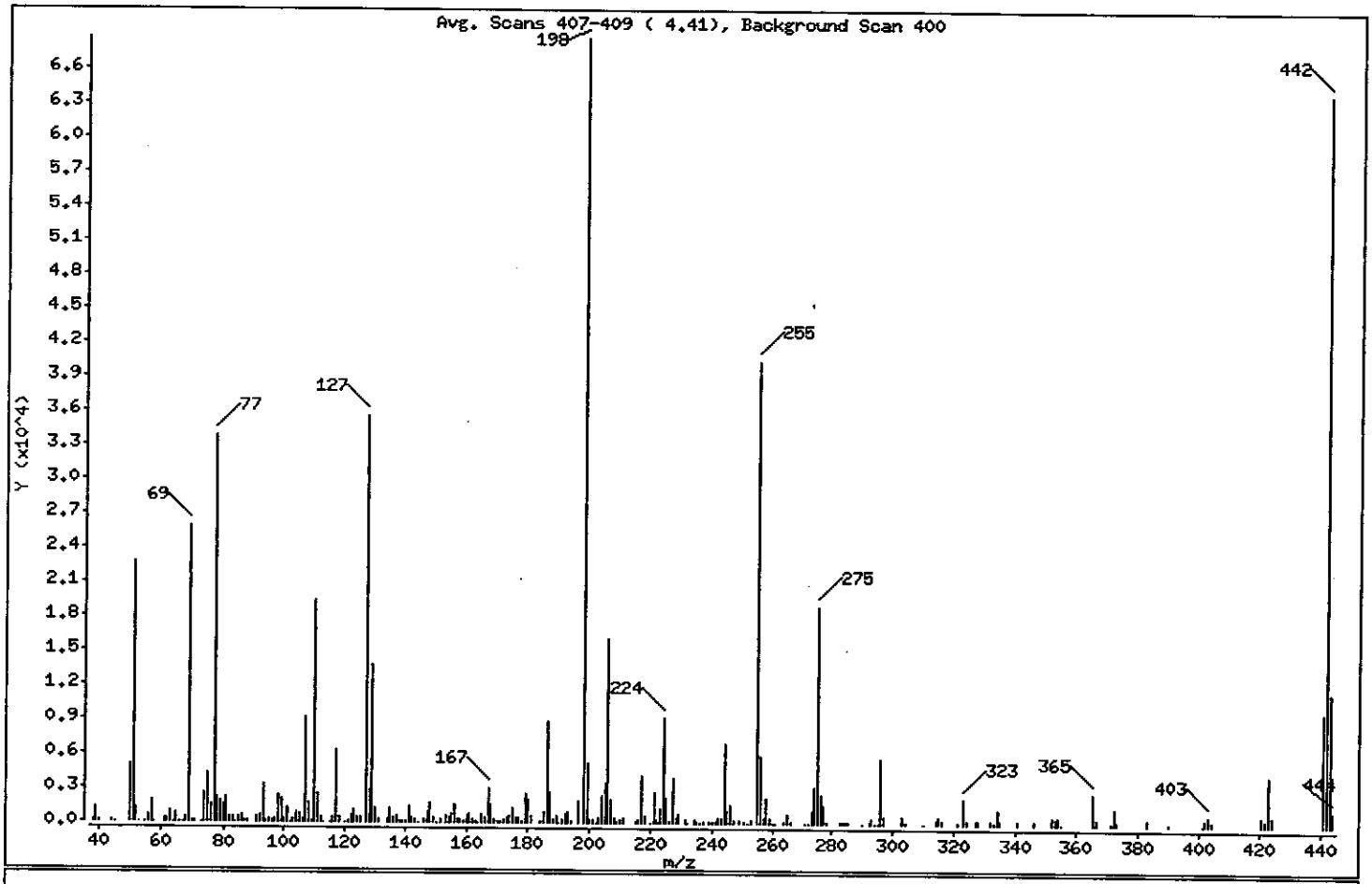
Sample Info: 50NG/UL;8270DFTPP2327;

Operator: lmh00956

Column phase: DB-5

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	33.15
68	Less than 2.00% of mass 69	0.74 (1.95)
69	Mass 69 relative abundance	37.67
70	Less than 2.00% of mass 69	0.24 (0.64)
127	40.00 - 60.00% of mass 198	51.79
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	7.51
275	10.00 - 30.00% of mass 198	27.59
365	Greater than 1.00% of mass 198	3.85
441	Present, but less than mass 443	14.36
442	40.00 - 99.99% of mass 198	93.11
443	17.00 - 23.00% of mass 442	16.85 (18.09)

8772

Data File: /chem/HP10623.i/07aug24a.b/ch0820.d

Date : 24-AUG-2007 19:26

Client ID: 50NG/UL

Instrument: HP10623.i

Sample Info: 50NG/UL;8270DFTPP2327;

Operator: lmh00956

Column phase: DB-5

Column diameter: 0.25

Data File: ch0820.d

Spectrum: Avg. Scans 407-409 (4.41), Background Scan 400

Location of Maximum: 198.00

Number of points: 251

m/z	Y	m/z	Y	m/z	Y	m/z	Y
38.00	228	115.00	61	186.00	8897	261.00	52
39.00	1289	116.00	471	187.00	2749	264.00	144
40.00	170	117.00	6350	188.00	311	265.00	866
44.00	100	118.00	517	189.00	630	266.00	80
45.00	57	120.00	58	190.00	64	271.00	51
50.00	5102	121.00	114	191.00	316	272.00	56
51.00	22784	122.00	577	192.00	754	273.00	1136
52.00	1210	123.00	1039	193.00	884	274.00	3223
53.00	63	124.00	513	194.00	94	275.00	18952
55.00	12	125.00	400	196.00	1913	276.00	2568
56.00	699	127.00	35592	198.00	68728	277.00	1609
57.00	1865	128.00	2909	199.00	5164	278.00	199
58.00	53	129.00	13733	200.00	340	283.00	156
61.00	345	130.00	1302	201.00	237	284.00	137
62.00	327	131.00	329	202.00	70	285.00	207
63.00	962	134.00	368	203.00	449	290.00	51
64.00	56	135.00	1245	204.00	2400	292.00	126
65.00	724	136.00	397	205.00	3523	293.00	404
66.00	57	137.00	584	206.00	16117	294.00	50
67.00	22	138.00	101	207.00	2047	295.00	72
68.00	506	139.00	157	208.00	479	296.00	5614
69.00	25888	140.00	185	209.00	104	297.00	699
70.00	166	141.00	1499	210.00	367	303.00	676
71.00	181	142.00	548	211.00	520	304.00	134
73.00	30	143.00	375	215.00	118	310.00	53
74.00	2483	144.00	60	216.00	351	314.00	325
75.00	4344	146.00	324	217.00	4140	315.00	649
76.00	1559	147.00	995	218.00	555	316.00	293
77.00	33808	148.00	1806	220.00	78	321.00	124
78.00	2247	149.00	529	221.00	2752	323.00	2202
79.00	1943	150.00	51	222.00	268	324.00	334
80.00	1519	151.00	330	223.00	1198	327.00	342
81.00	2162	153.00	628	224.00	9240	328.00	262
82.00	523	154.00	436	225.00	2147	332.00	275
83.00	478	155.00	808	226.00	90	333.00	201

6773

Data File: /chem/HP10623.i/07aug24a.b/ch0820.d

Date : 24-AUG-2007 19:26

Client ID: 50NG/UL

Instrument: HP10623.i

Sample Info: 50NG/UL;8270DFTPP2327;

Operator: lmh00956

Column phase: DB-5

Column diameter: 0.25

Data File: ch0820.d

Spectrum: Avg. Scans 407-409 (4.41), Background Scan 400

Location of Maximum: 198.00

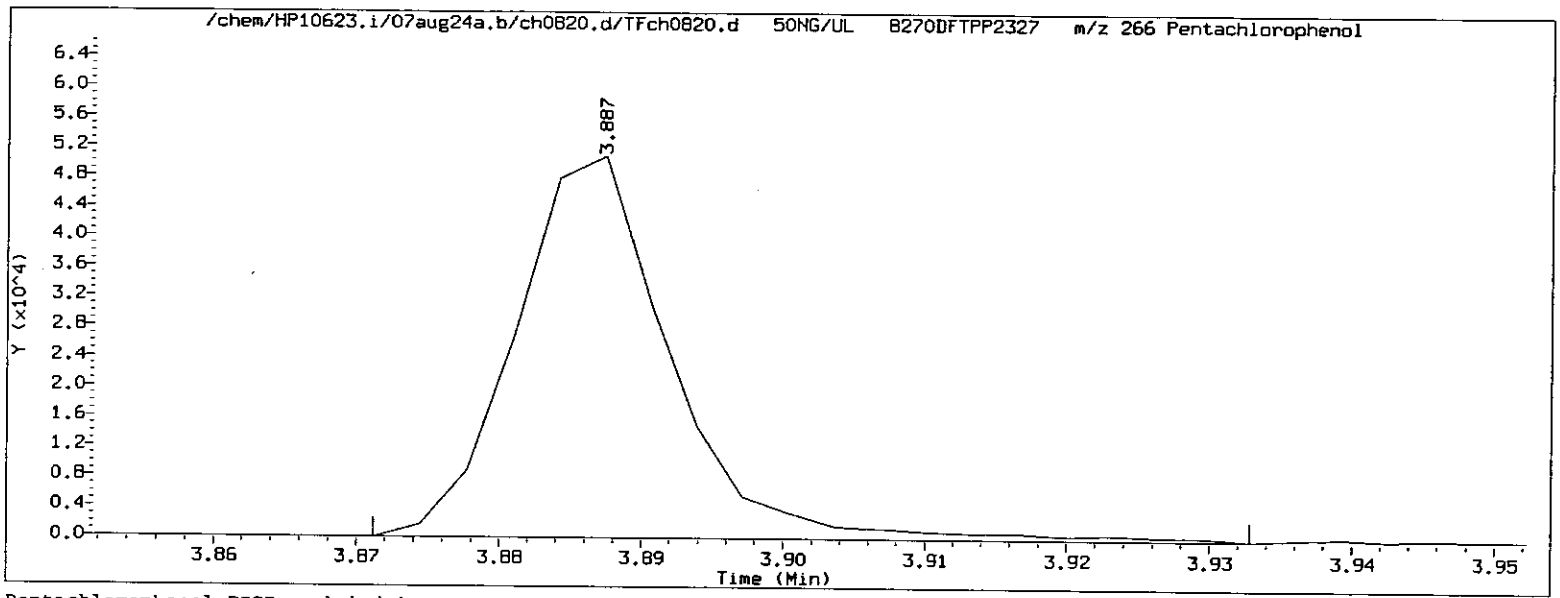
Number of points: 251

m/z	Y	m/z	Y	m/z	Y	m/z	Y
84.00	42	156.00	1517	227.00	3967	334.00	1198
85.00	472	157.00	394	228.00	538	335.00	372
86.00	605	158.00	325	229.00	801	341.00	348
87.00	231	159.00	173	231.00	269	346.00	317
88.00	114	160.00	674	232.00	65	352.00	699
91.00	551	161.00	764	234.00	306	353.00	491
92.00	600	162.00	308	235.00	227	354.00	654
93.00	3368	163.00	86	236.00	68	355.00	64
94.00	207	164.00	54	237.00	190	365.00	2646
95.00	269	165.00	733	239.00	226	366.00	399
96.00	166	166.00	507	240.00	111	371.00	146
97.00	261	167.00	3054	241.00	236	372.00	1412
98.00	2357	168.00	1546	242.00	535	373.00	343
99.00	2128	169.00	316	243.00	550	383.00	397
100.00	237	170.00	94	244.00	6915	390.00	156
101.00	1219	171.00	130	245.00	1054	401.00	58
102.00	50	172.00	386	246.00	1587	402.00	400
103.00	368	173.00	455	247.00	331	403.00	846
104.00	889	174.00	684	249.00	291	404.00	300
105.00	817	175.00	1234	251.00	81	421.00	745
106.00	258	176.00	469	252.00	58	422.00	495
107.00	9227	177.00	478	253.00	241	423.00	4328
108.00	1669	178.00	116	255.00	40376	424.00	777
109.00	144	179.00	2539	256.00	5885	441.00	9868
110.00	19408	180.00	2034	257.00	464	442.00	63992
111.00	2533	181.00	684	258.00	2138	443.00	11578
112.00	473	184.00	152	259.00	411	444.00	1237
113.00	66	185.00	929	260.00	56		

8774

Assessment of GC Column Performance and Injection Port Inertness for

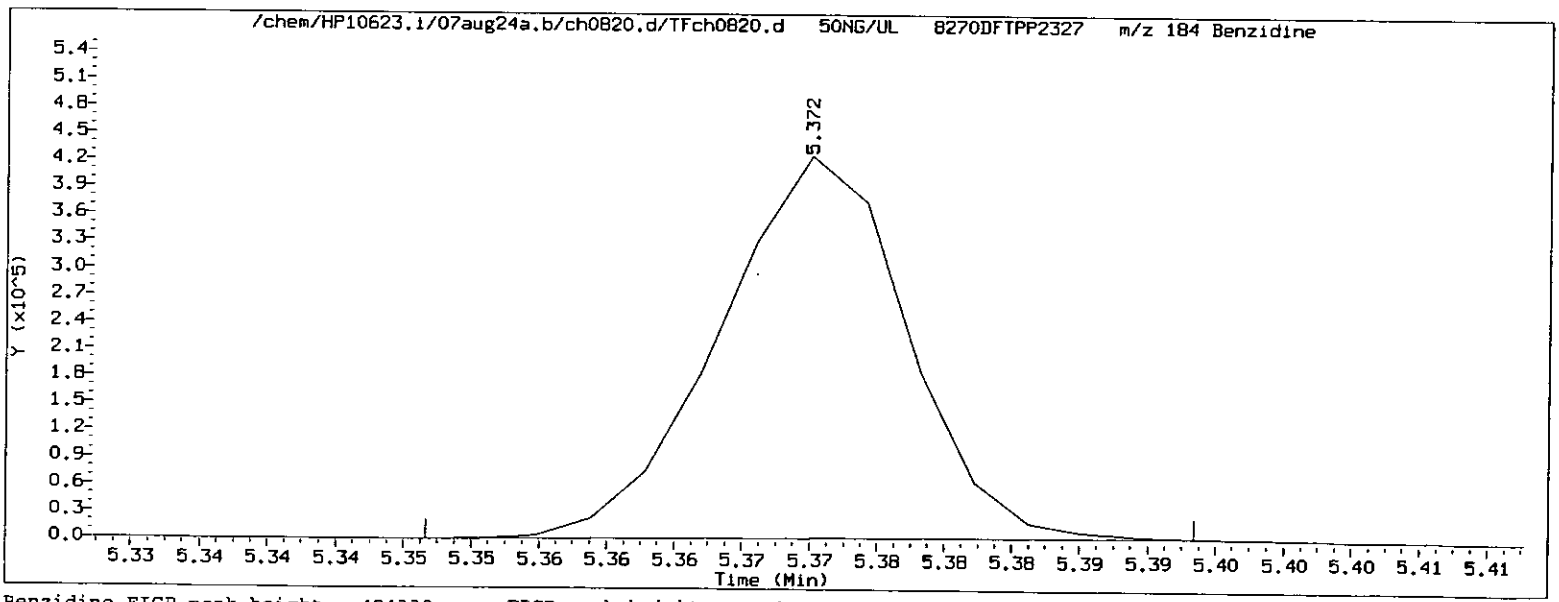
Instrument ID: HP10623.i Injection Date: 24-AUG-2007 19:26 Operator: lmh00956



Pentachlorophenol EICP peak height = 50888 EICP peak height at 10% = 5089 Pentachlorophenol EICP area = 38644

Pentachlorophenol EICP peak apex (min.) = 3.887
RT at 10% of front half of EICP (min.) = 3.876 'Front' peak width (min.) = 0.0114333333
RT at 10% of back half of EICP (min.) = 3.898 'Tailing' peak width (min.) = 0.0104500000

PCP tailing factor = $\frac{\text{'Tailing' peak width (min.)}}{\text{'Front' peak width (min.)}} = \frac{0.0104500000}{0.0114333333} = 0.914$



Benzidine EICP peak height = 424339 EICP peak height at 10% = 42434 Benzidine EICP area = 327398

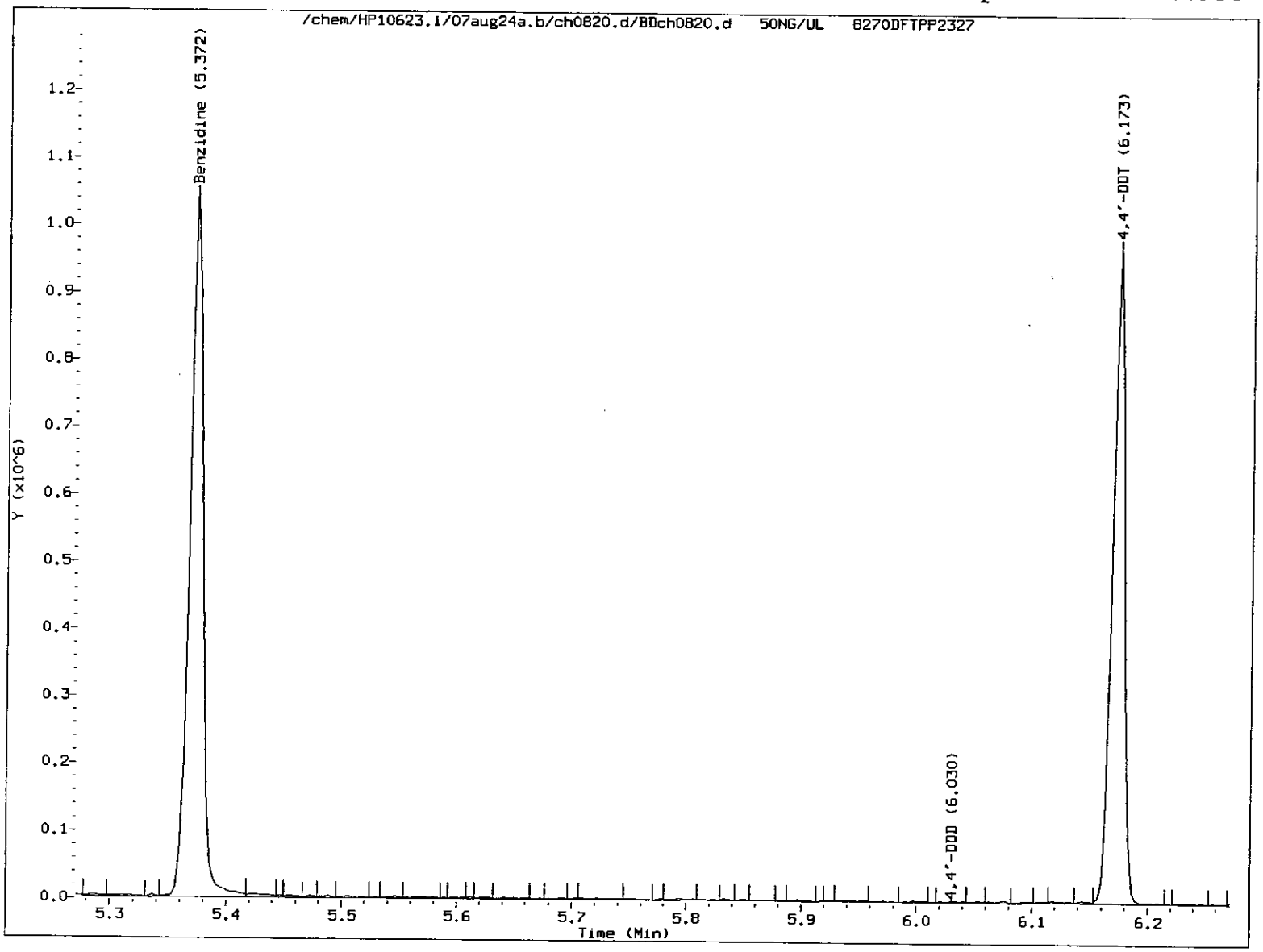
Benzidine EICP peak apex (min.) = 5.372
RT at 10% of front half of EICP (min.) = 5.360 'Front' peak width (min.) = 0.0116333333
RT at 10% of back half of EICP (min.) = 5.383 'Tailing' peak width (min.) = 0.0112166667

Benzidine tailing factor = $\frac{\text{'Tailing' peak width (min.)}}{\text{'Front' peak width (min.)}} = \frac{0.0112166667}{0.0116333333} = 0.964$

printed on 08/24/2007 at 19:36

Assessment of GC Column Performance and Injection Port Inertness for

Instrument ID: HP10623.i Injection Date: 24-AUG-2007 19:26 Operator: lmh00956



$$\% \text{ 4,4'-DDT breakdown} = \frac{\text{4,4'-DDE TIC area + 4,4'-DDD TIC area}}{\text{4,4'-DDE TIC area + 4,4'-DDD TIC area + 4,4'-DDT TIC area}} \times 100$$

$$\% \text{ 4,4'-DDT breakdown} = \frac{0 + 1905}{0 + 1905 + 698038} \times 100 = 0.3$$

0776

Data File: /chem/HP11165.i/07aug29a.b/gh1030z.d

Date : 29-AUG-2007 16:03

Client ID: 8270DFTPP2327

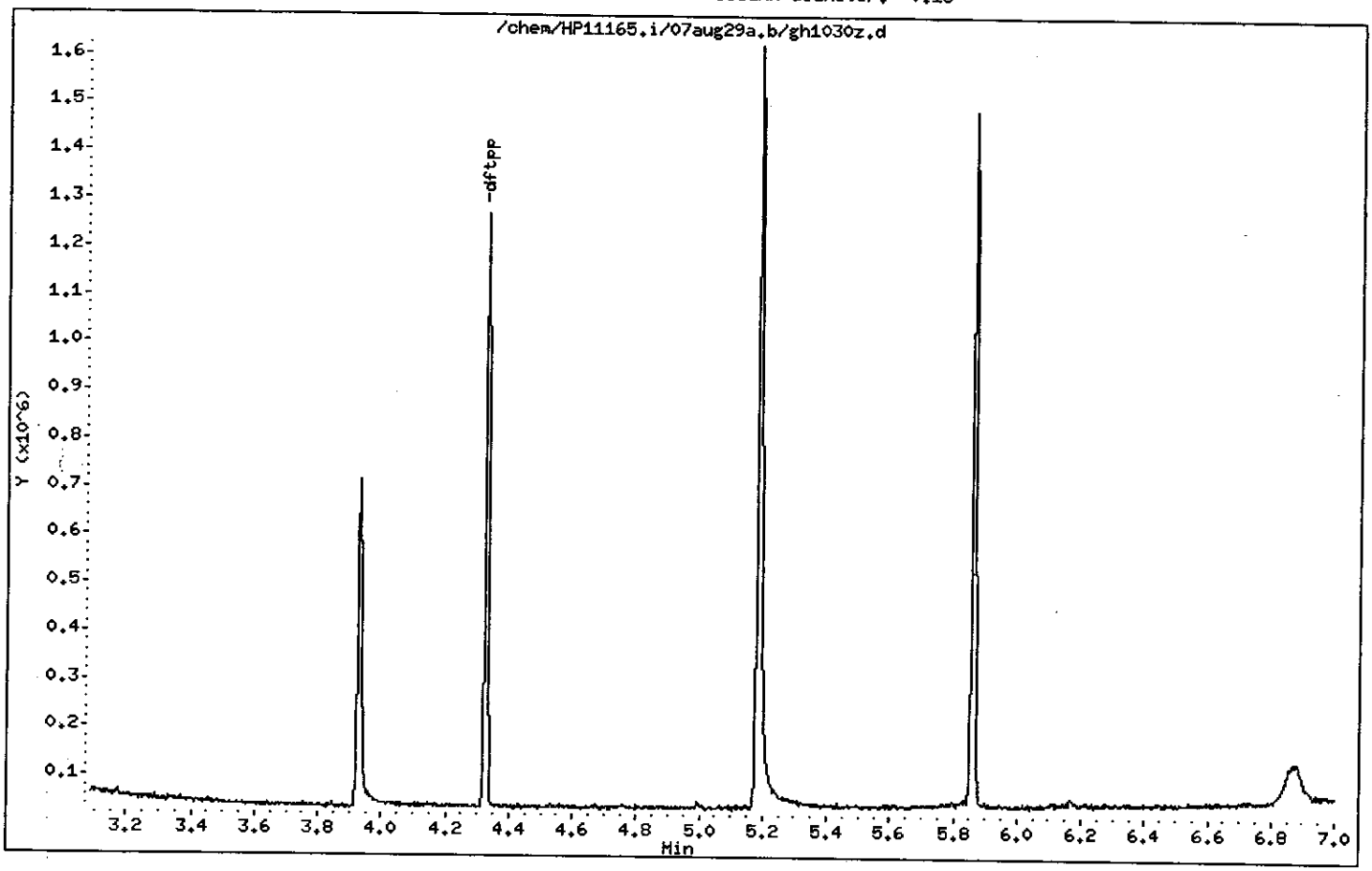
Instrument: HP11165.i

Sample Info: 8270DFTPP2327;50NG/UL;

Operator: gjd01970

Column phase: DB-5MS

Column diameter: 0.18



8777

Data File: /chem/HP11165.i/07aug29a.b/gh1030z.d

Date : 29-AUG-2007 16:03

Client ID: 8270DFTPP2327

Instrument: HP11165.i

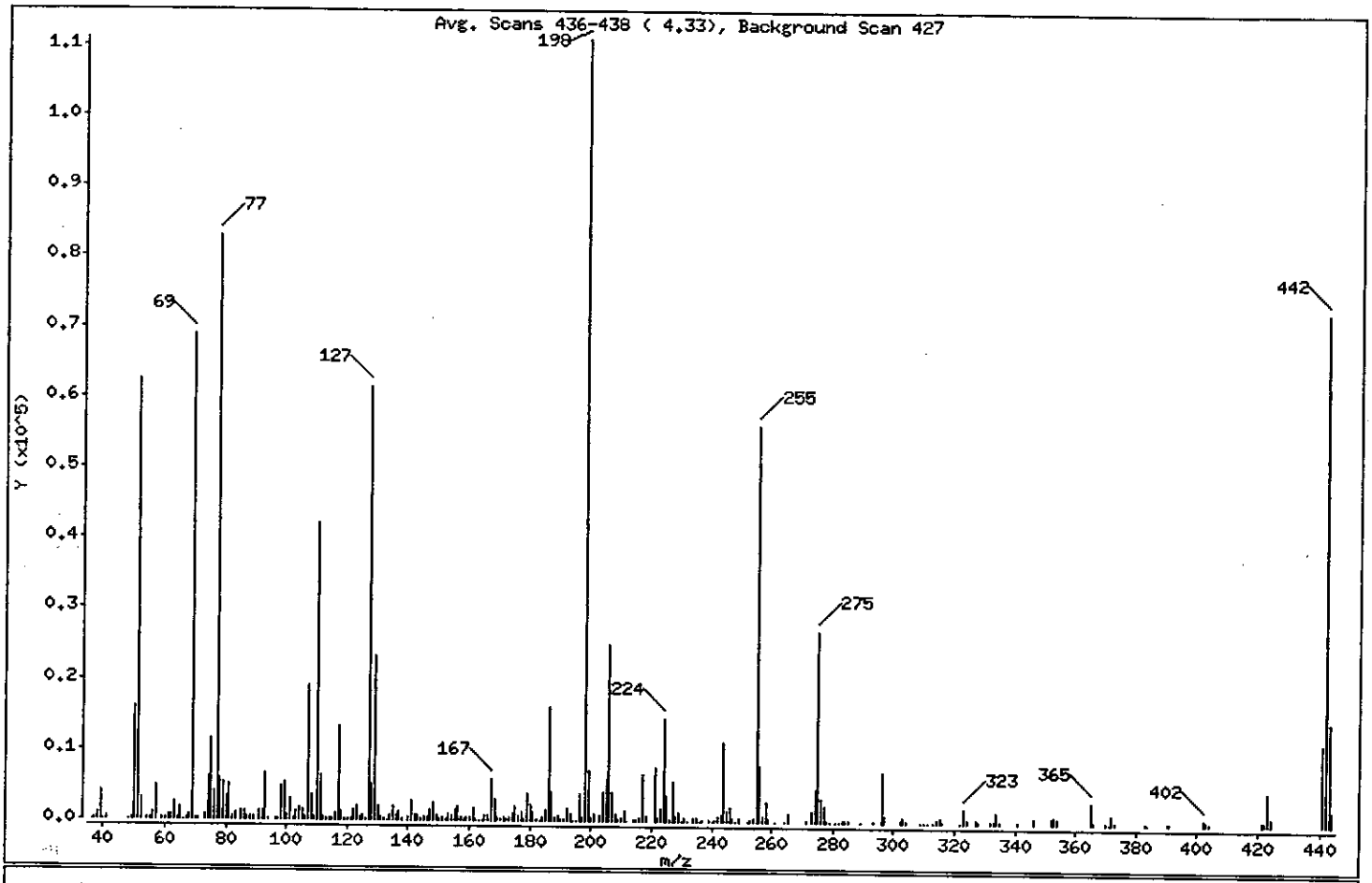
Sample Info: 8270DFTPP2327;50NG/UL;

Operator: gjd01970

Column phase: DB-5MS

Column diameter: 0.18

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	56.27
68	Less than 2.00% of mass 69	0.68 (1.10)
69	Mass 69 relative abundance	62.07
70	Less than 2.00% of mass 69	0.32 (0.51)
127	40.00 - 60.00% of mass 198	55.45
197	Less than 1.00% of mass 198	0.41
199	5.00 - 9.00% of mass 198	6.38
275	10.00 - 30.00% of mass 198	24.35
365	Greater than 1.00% of mass 198	2.66
441	Present, but less than mass 443	10.45
442	40.00 - 99.99% of mass 198	65.50
443	17.00 - 23.00% of mass 442	13.03 (19.89)

8778

Data File: /chem/HP11165.i/07aug29a.b/gh1030z.d

Date : 29-AUG-2007 16:03

Client ID: 8270DFTPP2327

Instrument: HP11165.i

Sample Info: 8270DFTPP2327;50NG/UL;

Operator: gjd01970

Column phase: DB-5MS

Column diameter: 0.18

Data File: gh1030z.d

Spectrum: Avg. Scans 436-438 (4.33), Background Scan 427

Location of Maximum: 198.00

Number of points: 268

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	52	116.00	1036	185.00	1411	264.00	85
37.00	163	117.00	13288	186.00	16006	265.00	1240
38.00	950	118.00	1174	187.00	4177	271.00	148
39.00	4149	119.00	376	188.00	502	273.00	1500
40.00	72	120.00	301	189.00	829	274.00	4473
41.00	449	121.00	244	190.00	143	275.00	27008
48.00	67	122.00	1554	191.00	188	276.00	3399
49.00	281	123.00	1975	192.00	1678	277.00	2296
50.00	16045	124.00	576	193.00	1081	278.00	339
51.00	62432	125.00	766	194.00	119	279.00	58
52.00	3135	126.00	231	195.00	98	281.00	62
54.00	262	127.00	61512	196.00	3874	282.00	126
55.00	376	128.00	4985	197.00	459	283.00	291
56.00	924	129.00	23328	198.00	110952	284.00	166
57.00	4776	130.00	2096	199.00	7077	285.00	336
59.00	212	131.00	461	200.00	626	289.00	102
60.00	375	132.00	219	201.00	1138	293.00	266
61.00	875	133.00	117	203.00	687	296.00	7204
62.00	779	134.00	837	204.00	4061	297.00	953
63.00	2490	135.00	1914	205.00	5925	302.00	193
64.00	370	136.00	712	206.00	24936	303.00	765
65.00	1842	137.00	1306	207.00	3959	304.00	285
66.00	71	138.00	346	208.00	899	309.00	78
67.00	221	140.00	454	209.00	253	310.00	59
68.00	758	141.00	2892	210.00	461	311.00	61
69.00	68864	142.00	873	211.00	1410	313.00	76
70.00	351	143.00	699	212.00	97	314.00	526
71.00	346	144.00	129	214.00	134	315.00	892
73.00	647	145.00	414	215.00	259	316.00	381
74.00	6226	146.00	476	216.00	505	322.00	68
75.00	11391	147.00	1405	217.00	6643	323.00	2046
76.00	4034	148.00	2613	218.00	659	324.00	499
77.00	82984	149.00	799	221.00	7610	327.00	628
78.00	5881	150.00	363	222.00	558	328.00	248
79.00	5394	151.00	485	223.00	1730	332.00	183

8779

Data File: /chem/HP11165.i/07aug29a.b/gh1030z.d

Date : 29-AUG-2007 16:03

Client ID: 8270DFTPP2327

Instrument: HP11165.i

Sample Info: 8270DFTPP2327;50NG/UL;

Operator: gjd01970

Column phase: DB-5MS

Column diameter: 0.18

Data File: gh1030z.d

Spectrum: Avg. Scans 436-438 (4.33), Background Scan 427

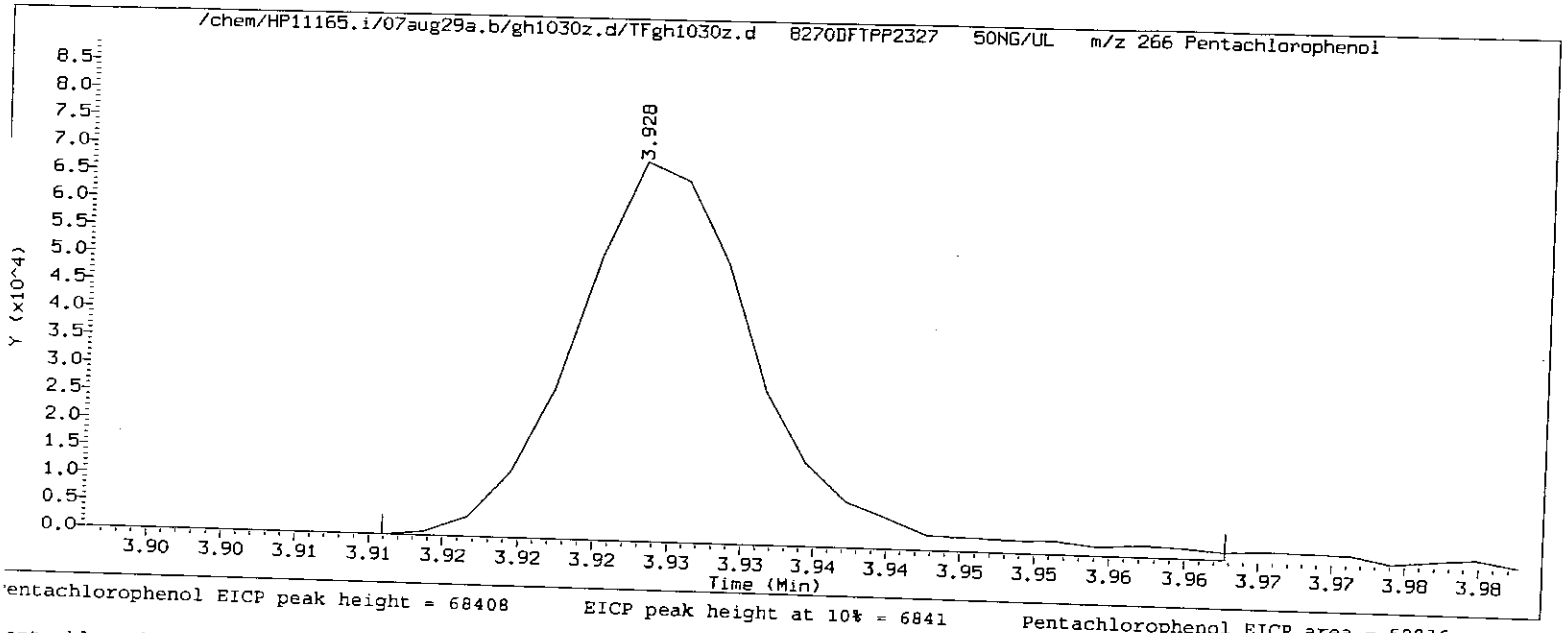
Location of Maximum: 198.00

Number of points: 268

m/z	Y	m/z	Y	m/z	Y	m/z	Y
80.00	3398	152.00	145	224.00	14490	333.00	292
81.00	5219	153.00	929	225.00	3648	334.00	1498
82.00	594	154.00	668	226.00	213	335.00	380
83.00	1011	155.00	1582	227.00	5548	341.00	192
85.00	1214	156.00	2086	228.00	867	346.00	678
86.00	1312	157.00	511	229.00	1196	352.00	764
87.00	560	158.00	303	230.00	65	353.00	915
88.00	385	159.00	484	231.00	576	354.00	732
89.00	414	160.00	630	232.00	122	365.00	2955
91.00	1177	161.00	1667	234.00	438	366.00	363
92.00	1249	162.00	157	235.00	468	370.00	148
93.00	6751	163.00	91	236.00	63	371.00	78
94.00	360	164.00	67	237.00	240	372.00	1223
96.00	283	165.00	878	239.00	291	373.00	170
97.00	188	166.00	764	240.00	119	383.00	333
98.00	4956	167.00	5841	241.00	223	384.00	63
99.00	5363	168.00	3012	242.00	891	390.00	131
100.00	778	169.00	487	243.00	919	391.00	145
101.00	3079	170.00	364	244.00	11110	402.00	657
102.00	309	171.00	397	245.00	1541	403.00	528
103.00	1228	172.00	303	246.00	2088	404.00	174
104.00	1686	173.00	389	247.00	458	421.00	543
105.00	1638	174.00	1095	248.00	55	422.00	585
106.00	569	175.00	2090	249.00	505	423.00	4605
107.00	19072	176.00	705	252.00	109	424.00	1122
108.00	3581	177.00	1167	253.00	327	441.00	11590
109.00	616	178.00	291	254.00	439	442.00	72672
110.00	42056	179.00	3843	255.00	56016	443.00	14454
111.00	6279	180.00	2307	256.00	7850	444.00	1957
112.00	595	181.00	1268	257.00	747		
113.00	284	182.00	232	258.00	2864		
114.00	161	183.00	115	259.00	511		
115.00	210	184.00	402	261.00	67		

Assessment of GC Column Performance and Injection Port Inertness for

Instrument ID: HP11165.i Injection Date: 29-AUG-2007 16:03 Operator: gjd01970

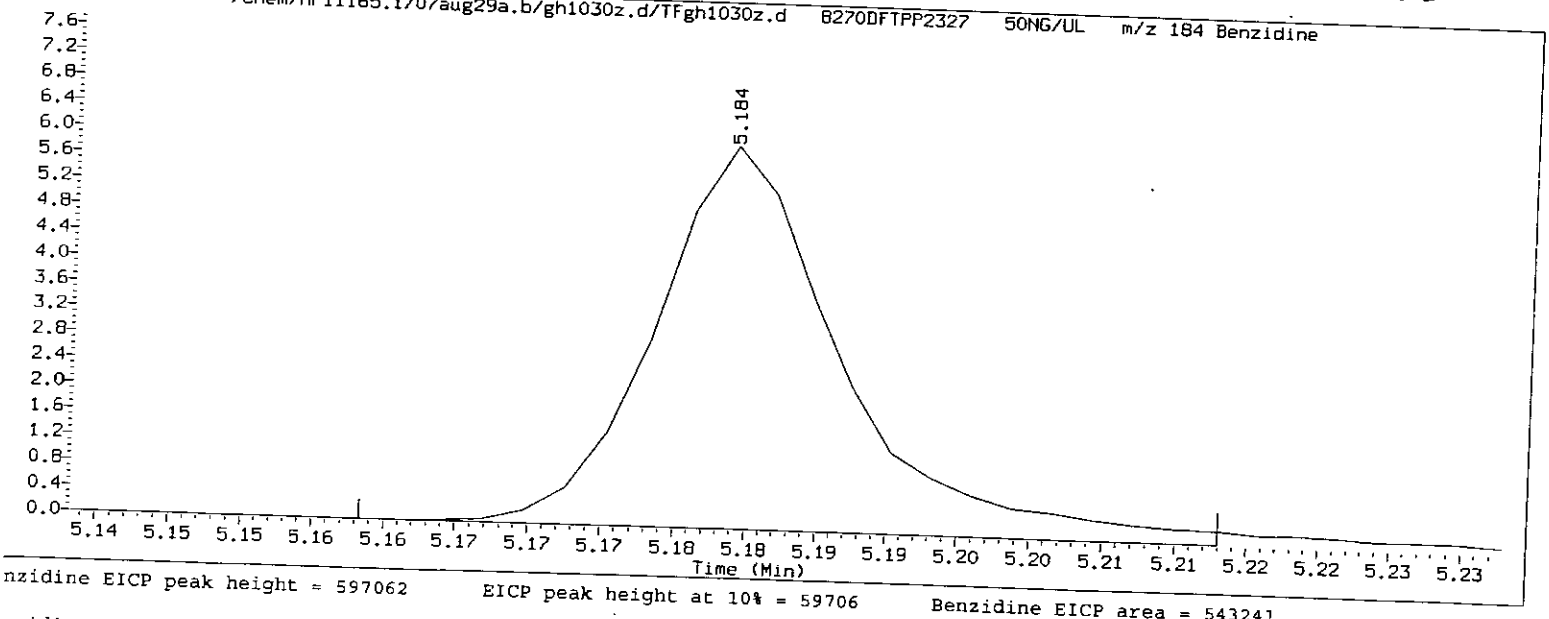


entachlorophenol EICP peak height = 68408 EICP peak height at 10% = 6841 Pentachlorophenol EICP area = 59836

entachlorophenol EICP peak apex (min.) = 3.928
T at 10% of front half of EICP (min.) = 3.918
T at 10% of back half of EICP (min.) = 3.943

'Front' peak width (min.) = 0.0101500000
'Tailing' peak width (min.) = 0.0153166667

PCP tailing factor = $\frac{\text{'Tailing' peak width (min.)}}{\text{'Front' peak width (min.)}} = \frac{0.0153166667}{0.0101500000} = 1.509$



nzidine EICP peak height = 597062 EICP peak height at 10% = 59706 Benzidine EICP area = 543241

nzidine EICP peak apex (min.) = 5.184
at 10% of front half of EICP (min.) = 5.173
at 10% of back half of EICP (min.) = 5.200

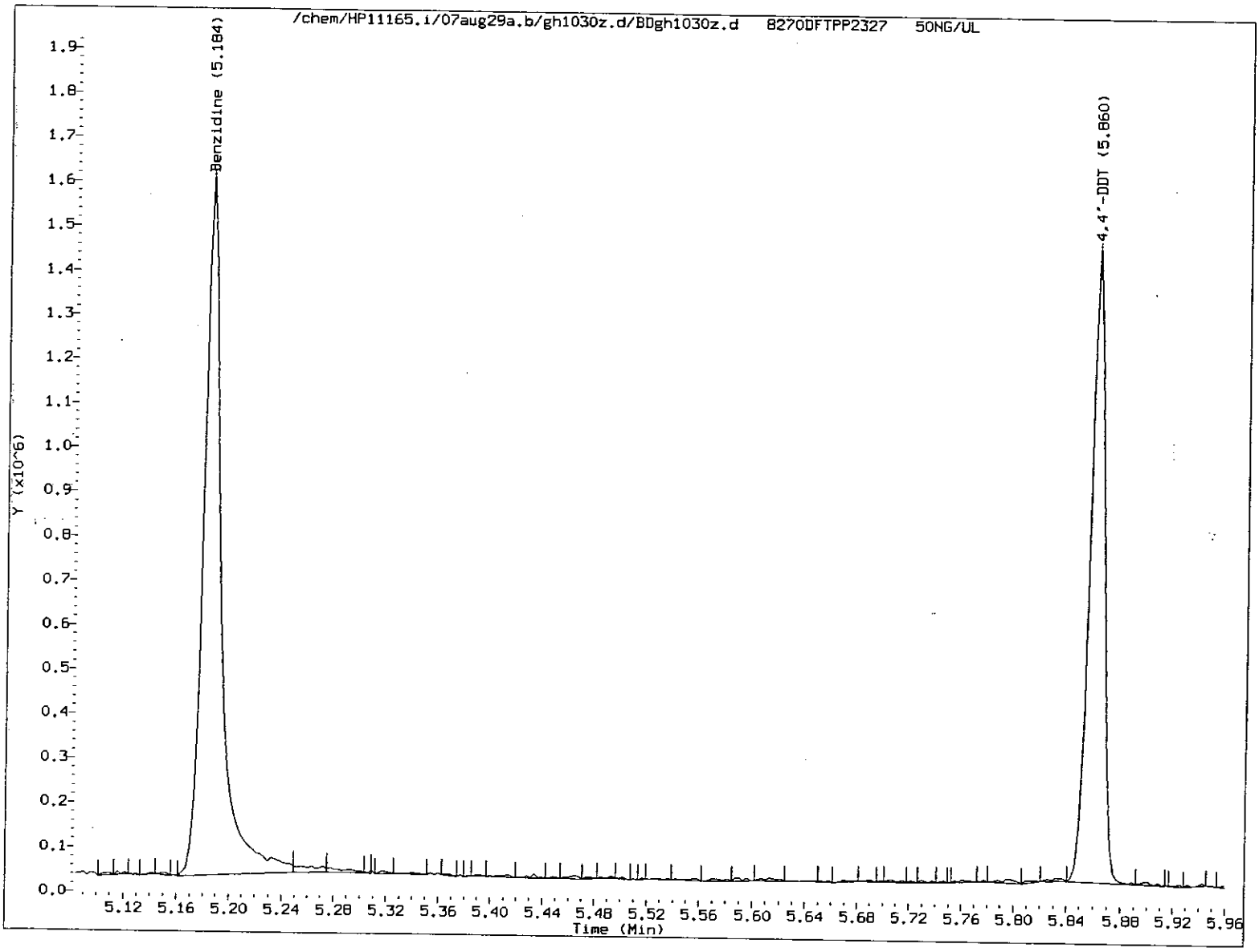
'Front' peak width (min.) = 0.0109833333
'Tailing' peak width (min.) = 0.0165333333

enzidine tailing factor = $\frac{\text{'Tailing' peak width (min.)}}{\text{'Front' peak width (min.)}} = \frac{0.0165333333}{0.0109833333} = 1.505$

8781

Assessment of GC Column Performance and Injection Port Inertness for

Instrument ID: HP11165.i Injection Date: 29-AUG-2007 16:03 Operator: gjd01970



$$\% \text{ 4,4'-DDT breakdown} = \frac{\text{4,4'-DDE TIC area + 4,4'-DDD TIC area}}{\text{4,4'-DDE TIC area + 4,4'-DDD TIC area + 4,4'-DDT TIC area}} \times 100$$

$$\% \text{ 4,4'-DDT breakdown} = \frac{0 + 0}{0 + 0 + 1055218} \times 100 = 0.0$$

0782

Data File: /chem/HP11165.i/07aug31.b/gh113z.d

Date : 31-AUG-2007 08:29

Client ID: 8270DFTPP2327

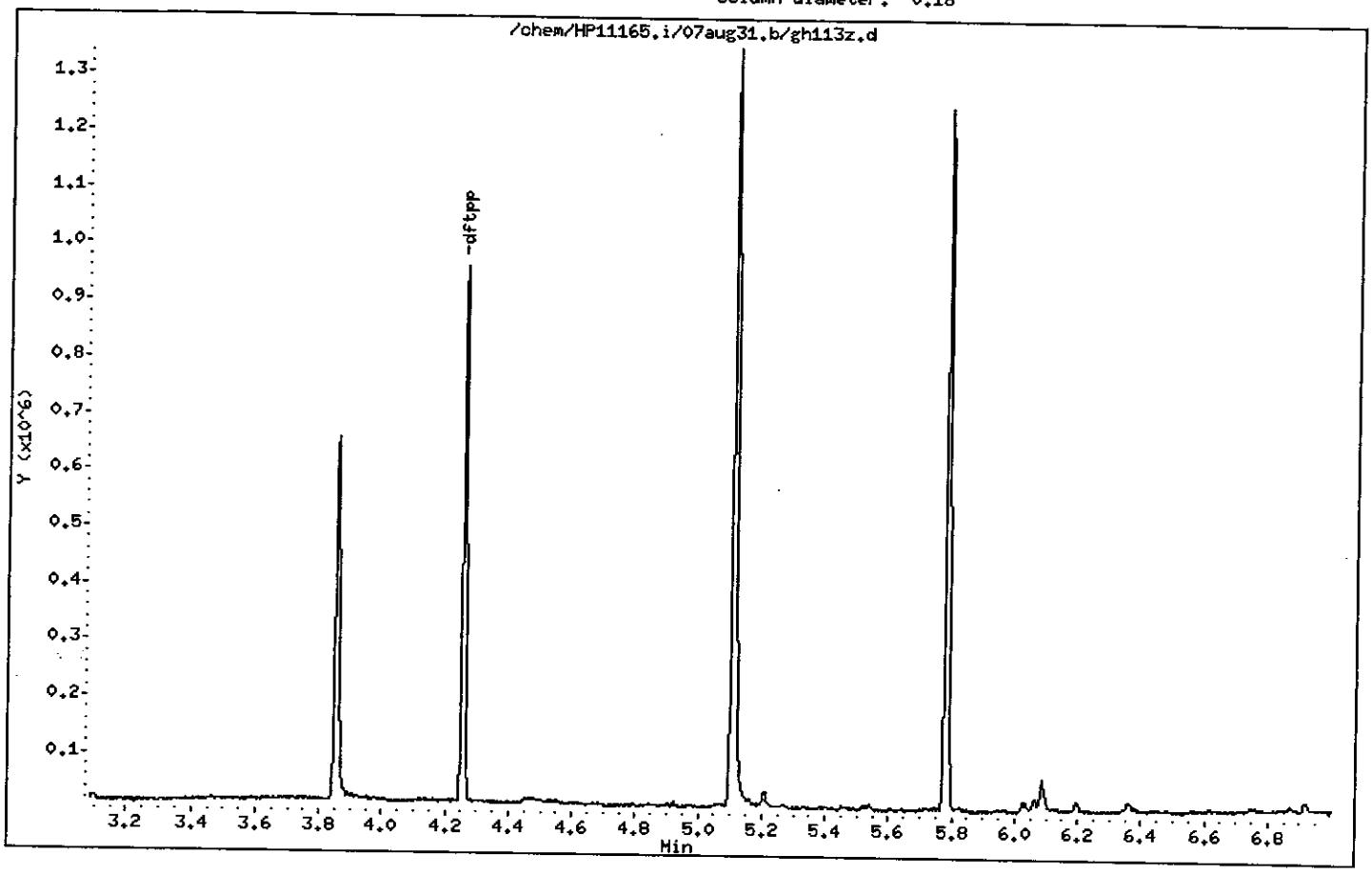
Instrument: HP11165.i

Sample Info: 8270DFTPP2327;50NG/UL;

Operator: jmg00346

Column phase: DB-5MS

Column diameter: 0.18



Data File: /chem/HP11165.i/07aug31.b/gh113z.d

Date : 31-AUG-2007 08:29

Client ID: 8270DFTPP2327

Instrument: HP11165.i

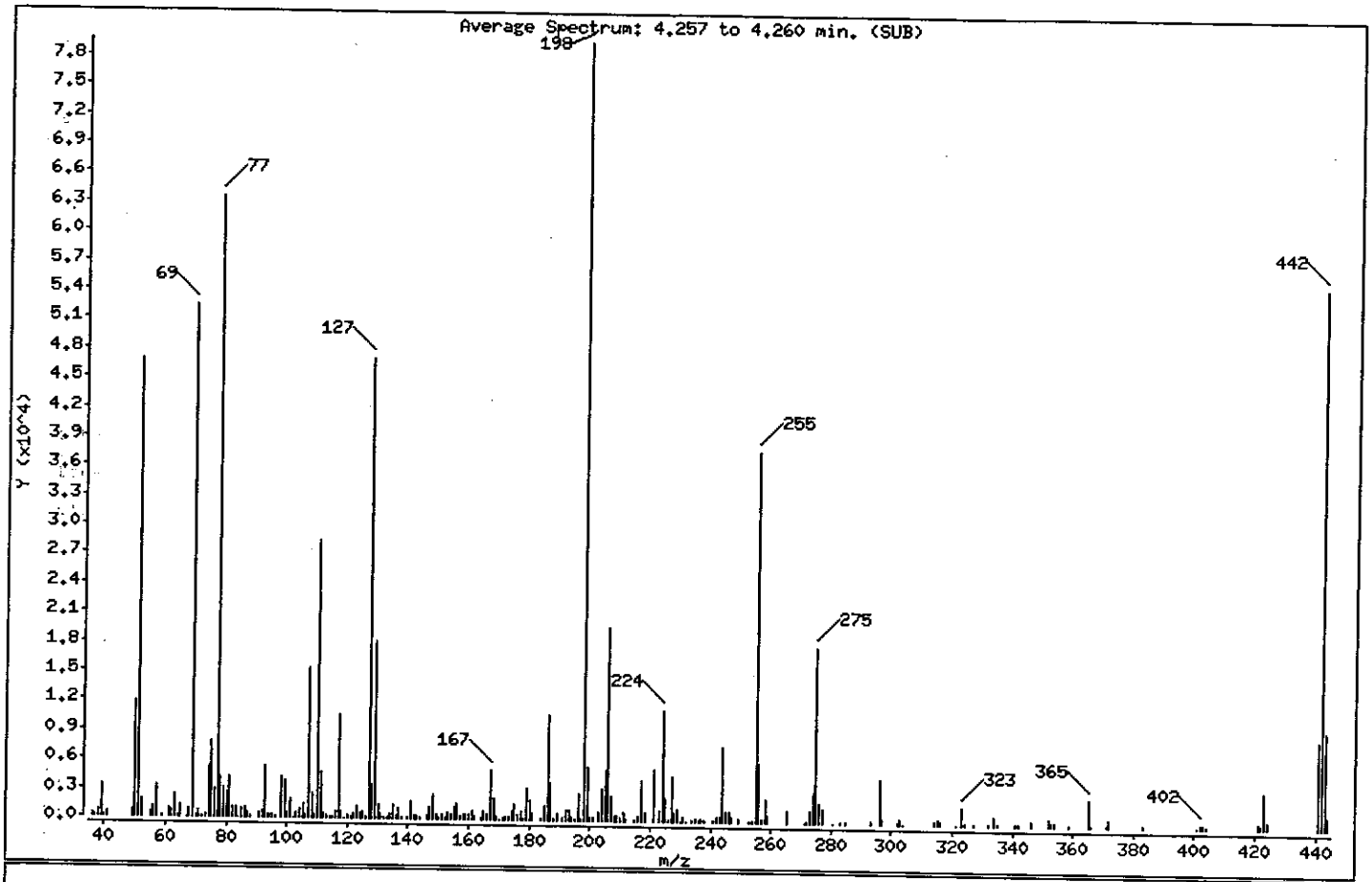
Sample Info: 8270DFTPP2327;50NG/UL;

Operator: jmg00346

Column phase: DB-5MS

Column diameter: 0.18

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	58.83
68	Less than 2.00% of mass 69	1.15 (1.75)
69	Mass 69 relative abundance	65.86
70	Less than 2.00% of mass 69	0.16 (0.25)
127	40.00 - 60.00% of mass 198	59.05
197	Less than 1.00% of mass 198	0.19
199	5.00 - 9.00% of mass 198	6.96
275	10.00 - 30.00% of mass 198	22.50
365	Greater than 1.00% of mass 198	3.41
441	Present, but less than mass 443	11.25
442	40.00 - 99.99% of mass 198	69.13
443	17.00 - 23.00% of mass 442	12.42 (17.97)

8784

Data File: /chem/HP11165.i/07aug31.b/gh113z.d

Date : 31-AUG-2007 08:29

Client ID: 8270DFTPP2327

Instrument: HP11165.i

Sample Info: 8270DFTPP2327;50NG/UL;

Operator: jmg00346

Column phase: DB-5MS

Column diameter: 0.18

Data File: gh113z.d

Spectrum: Average Spectrum: 4.257 to 4.260 min. (SUB)

Location of Maximum: 198.00

Number of points: 241

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	325	112.00	517	176.00	474	253.00	192
37.00	238	113.00	310	177.00	827	254.00	145
38.00	669	114.00	116	178.00	118	255.00	37800
39.00	3229	115.00	155	179.00	3377	256.00	5979
40.00	108	116.00	764	180.00	1995	257.00	378
41.00	586	117.00	10673	181.00	764	258.00	2452
49.00	661	118.00	668	184.00	141	259.00	762
50.00	11942	119.00	84	185.00	1519	265.00	1229
51.00	46840	120.00	433	186.00	10722	271.00	75
52.00	1912	121.00	198	187.00	3753	272.00	127
55.00	499	122.00	550	188.00	213	273.00	1190
56.00	1012	123.00	1349	189.00	670	274.00	3169
57.00	3299	124.00	612	191.00	282	275.00	17904
59.00	101	125.00	666	192.00	1088	276.00	1928
61.00	914	126.00	118	193.00	1161	277.00	1428
62.00	709	127.00	47016	194.00	359	281.00	82
63.00	2368	128.00	3543	195.00	121	283.00	247
64.00	261	129.00	18184	196.00	2742	285.00	124
65.00	1214	130.00	1454	197.00	154	293.00	286
67.00	88	131.00	467	198.00	79616	296.00	4570
68.00	918	132.00	118	199.00	5542	297.00	631
69.00	52432	133.00	99	200.00	418	302.00	127
70.00	131	134.00	479	201.00	361	303.00	619
71.00	671	135.00	1452	203.00	886	304.00	80
72.00	95	136.00	454	204.00	3263	314.00	444
73.00	364	137.00	1128	205.00	5086	315.00	564
74.00	5294	138.00	115	206.00	19680	316.00	368
75.00	7860	140.00	203	207.00	2623	321.00	80
76.00	3016	141.00	1770	208.00	484	323.00	1774
77.00	63552	142.00	456	209.00	483	324.00	158
78.00	4131	143.00	425	210.00	314	327.00	181
79.00	3036	144.00	179	211.00	850	332.00	139
80.00	2471	146.00	293	212.00	164	334.00	912
81.00	4287	147.00	1277	215.00	124	335.00	198
82.00	1119	148.00	2526	216.00	497	341.00	101

Data File: /chem/HP11165.i/07aug31.b/gh113z.d

Date : 31-AUG-2007 08:29

Client ID: 8270DFTPP2327

Instrument: HP11165.i

Sample Info: 8270DFTPP2327;50NG/UL;

Operator: jmg00346

Column phase: DB-5MS

Column diameter: 0.18

Data File: gh113z.d

Spectrum: Average Spectrum: 4.257 to 4.260 min. (SUB)

Location of Maximum: 198.00

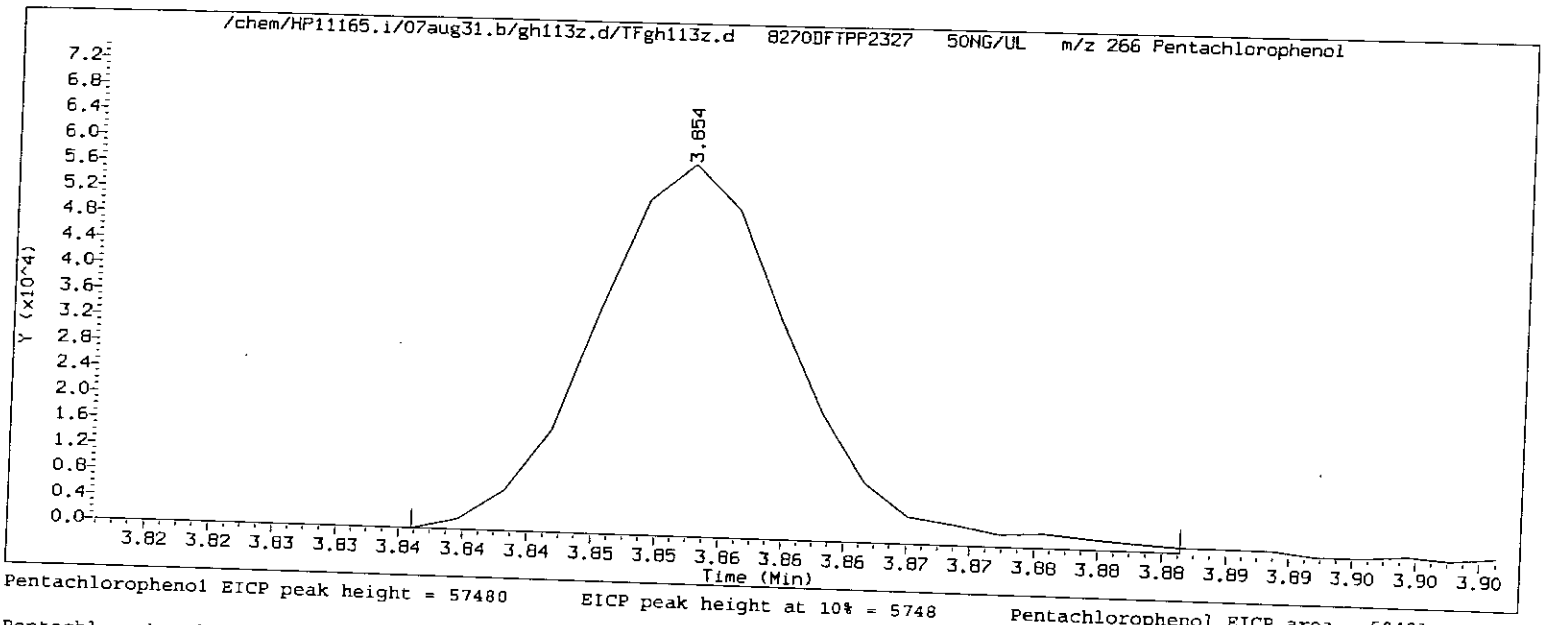
Number of points: 241

m/z	Y	m/z	Y	m/z	Y	m/z	Y
83.00	1019	149.00	623	217.00	4162	342.00	110
84.00	76	150.00	106	218.00	839	346.00	623
85.00	1002	151.00	470	221.00	5352	352.00	708
86.00	1149	152.00	140	223.00	1161	353.00	402
87.00	563	153.00	772	224.00	11338	354.00	431
88.00	155	154.00	518	225.00	2324	359.00	102
91.00	593	155.00	1336	226.00	219	365.00	2712
92.00	706	156.00	1660	227.00	4512	366.00	219
93.00	5358	157.00	362	228.00	862	371.00	203
94.00	333	158.00	491	229.00	1368	372.00	734
95.00	301	159.00	497	230.00	82	383.00	270
96.00	211	160.00	570	231.00	489	401.00	80
98.00	4200	161.00	895	232.00	86	402.00	367
99.00	3856	162.00	333	234.00	153	403.00	324
100.00	511	164.00	133	235.00	295	404.00	248
101.00	1983	165.00	917	236.00	104	421.00	539
102.00	91	166.00	537	237.00	337	422.00	326
103.00	508	167.00	5075	238.00	131	423.00	3595
104.00	932	168.00	2249	241.00	113	424.00	723
105.00	1489	169.00	410	242.00	588	441.00	8955
106.00	380	170.00	88	243.00	620	442.00	55040
107.00	15463	171.00	103	244.00	7726	443.00	9889
108.00	2597	172.00	424	245.00	1145	444.00	1204
109.00	446	173.00	396	246.00	1040		
110.00	28328	174.00	900	247.00	573		
111.00	4843	175.00	1615	249.00	294		

8786

Assessment of GC Column Performance and Injection Port Inertness for

Instrument ID: HP11165.i Injection Date: 31-AUG-2007 08:29 Operator: jmg00346

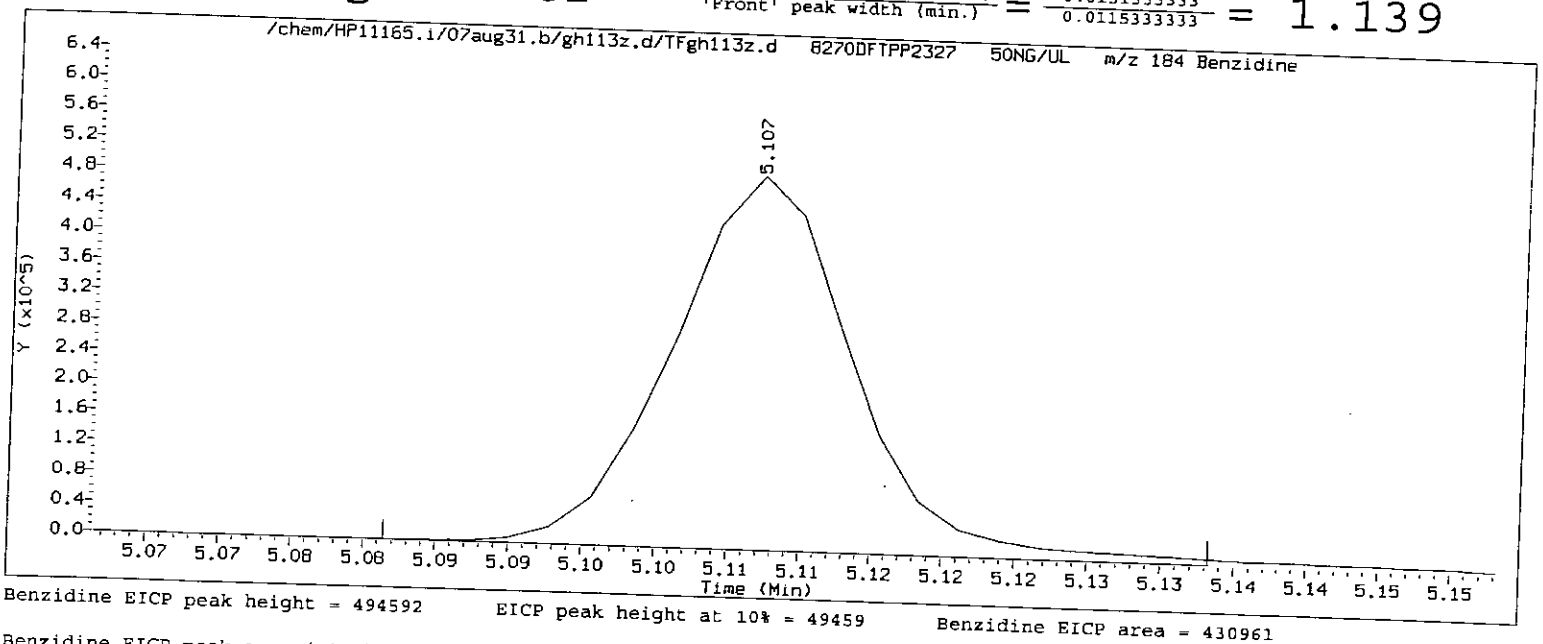


Pentachlorophenol EICP peak height = 57480 EICP peak height at 10% = 5748 Pentachlorophenol EICP area = 50481

Pentachlorophenol EICP peak apex (min.) = 3.854
RT at 10% of front half of EICP (min.) = 3.842
RT at 10% of back half of EICP (min.) = 3.867

'Front' peak width (min.) = 0.0115333333
'Tailing' peak width (min.) = 0.0131333333

PCP tailing factor = $\frac{\text{'Tailing' peak width (min.)}}{\text{'Front' peak width (min.)}} = \frac{0.0131333333}{0.0115333333} = 1.139$



Benzidine EICP peak height = 494592 EICP peak height at 10% = 49459 Benzidine EICP area = 430961

Benzidine EICP peak apex (min.) = 5.107
RT at 10% of front half of EICP (min.) = 5.095
RT at 10% of back half of EICP (min.) = 5.120

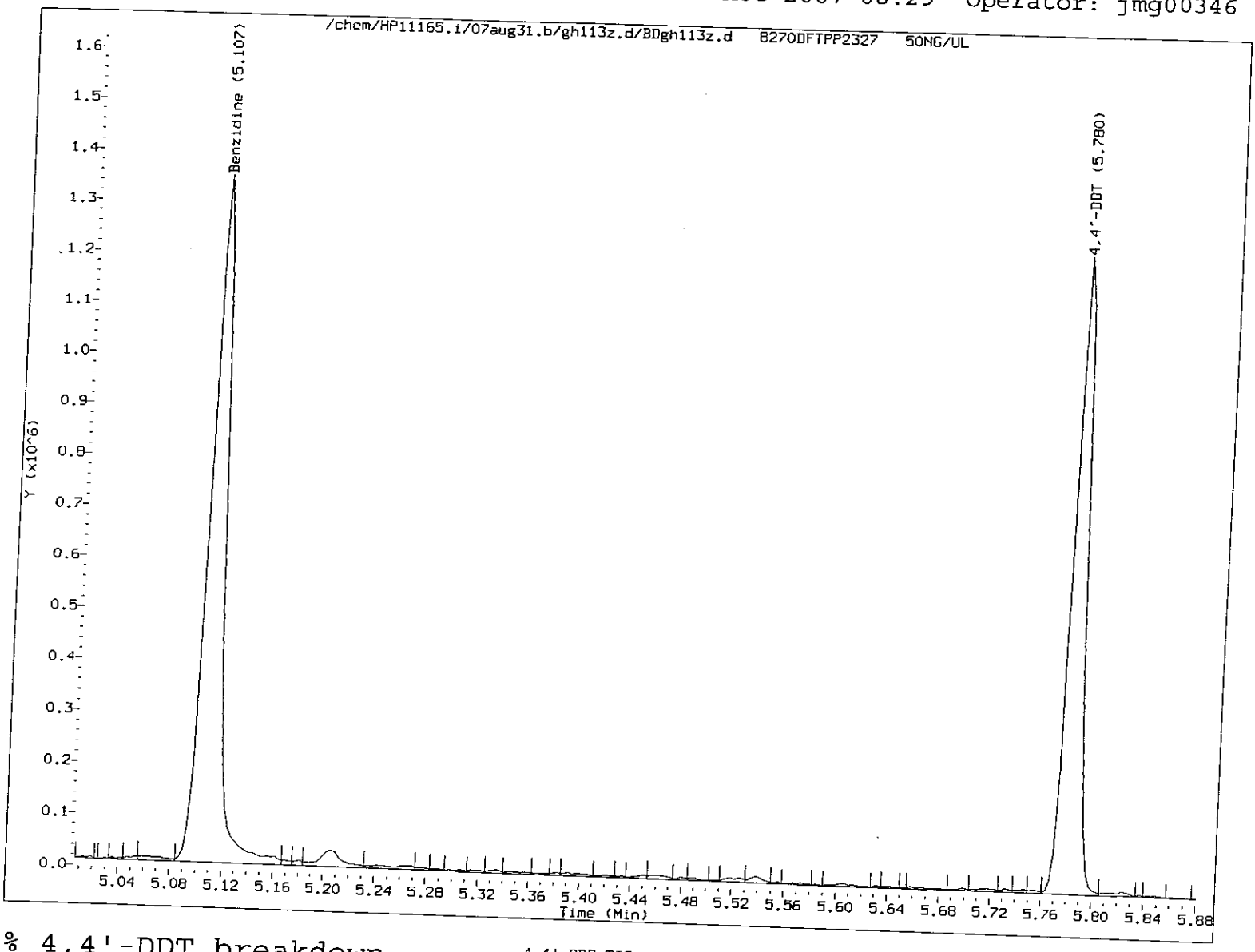
'Front' peak width (min.) = 0.0120666667
'Tailing' peak width (min.) = 0.0128333333

Benzidine tailing factor = $\frac{\text{'Tailing' peak width (min.)}}{\text{'Front' peak width (min.)}} = \frac{0.0128333333}{0.0120666667} = 1.064$

printed on 08/31/2007 at 08:37

Assessment of GC Column Performance and Injection Port Inertness for

Instrument ID: HP11165.i Injection Date: 31-AUG-2007 08:29 Operator: jmg00346



$$\% \text{ 4,4'-DDT breakdown} = \frac{\text{4,4'-DDE TIC area + 4,4'-DDD TIC area}}{\text{4,4'-DDE TIC area + 4,4'-DDD TIC area + 4,4'-DDT TIC area}} \times 100$$

$$\% \text{ 4,4'-DDT breakdown} = \frac{0 + 0}{0 + 0 + 952612} \times 100 = 0.0$$

8788

printed on 08/31/2007 at 08:40

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLKWB2365

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: SBLKWB236

Sample wt/vol: 1000 (g/mL)ML Lab File ID: ch0824.d

Level: (low/med) LOW Date Received:

% Moisture: not dec: dec: Date Extracted: 08/24/07

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/24/07

Injection Volume: 1 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Extraction: Sepf

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) MDL	UG/L	Q
62-75-9	N-Nitrosodimethylamine		2	U
108-95-2	Phenol		1	U
111-44-4	bis(2-Chloroethyl)ether		1	U
95-57-8	2-Chlorophenol		1	U
541-73-1	1,3-Dichlorobenzene		1	U
106-46-7	1,4-Dichlorobenzene		1	U
100-51-6	Benzyl alcohol		5	U
95-50-1	1,2-Dichlorobenzene		1	U
95-48-7	2-Methylphenol		1	U
108-60-1	2,2'-oxybis(1-Chloropropane)		1	U
108-60-1	bis(2-Chloroisopropyl)ether		1	U
621-64-7	N-Nitroso-di-n-propylamine		1	U
106-44-5	4-Methylphenol		2	U
67-72-1	Hexachloroethane		1	U
98-95-3	Nitrobenzene		1	U
78-59-1	Isophorone		1	U
88-75-5	2-Nitrophenol		1	U
105-67-9	2,4-Dimethylphenol		3	U
111-91-1	bis(2-Chloroethoxy)methane		1	U
120-83-2	2,4-Dichlorophenol		1	U
120-82-1	1,2,4-Trichlorobenzene		1	U
91-20-3	Naphthalene		1	U
106-47-8	4-Chloroaniline		1	U
87-68-3	Hexachlorobutadiene		1	U
59-50-7	4-Chloro-3-methylphenol		1	U
91-57-6	2-Methylnaphthalene		1	U
77-47-4	Hexachlorocyclopentadiene		5	U
88-06-2	2,4,6-Trichlorophenol		1	U
95-95-4	2,4,5-Trichlorophenol		1	U
91-58-7	2-Chloronaphthalene		2	U

8789

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLKWB2365

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: SBLKWB236

Sample wt/vol: 1000 (g/mL)ML Lab File ID: ch0824.d

Level: (low/med) LOW Date Received:

% Moisture: not dec: dec: Date Extracted: 08/24/07

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/24/07

Injection Volume: 1 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Extraction: Sepf

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	MDL	UG/L	Q
88-74-4	2-Nitroaniline		1		U
131-11-3	Dimethylphthalate		2		U
606-20-2	2,6-Dinitrotoluene		1		U
208-96-8	Acenaphthylene		1		U
99-09-2	3-Nitroaniline		1		U
83-32-9	Acenaphthene		1		U
51-28-5	2,4-Dinitrophenol		20		U
100-02-7	4-Nitrophenol		10		U
132-64-9	Dibenzofuran		1		U
121-14-2	2,4-Dinitrotoluene		1		U
84-66-2	Diethylphthalate		2		U
86-73-7	Fluorene		1		U
7005-72-3	4-Chlorophenyl-phenylether		2		U
100-01-6	4-Nitroaniline		1		U
534-52-1	4,6-Dinitro-2-methylphenol		5		U
86-30-6	N-Nitrosodiphenylamine		2		U
101-55-3	4-Bromophenyl-phenylether		1		U
118-74-1	Hexachlorobenzene		1		U
87-86-5	Pentachlorophenol		3		U
85-01-8	Phenanthrene		1		U
120-12-7	Anthracene		1		U
86-74-8	Carbazole		1		U
84-74-2	Di-n-butylphthalate		2		U
206-44-0	Fluoranthene		1		U
129-00-0	Pyrene		1		U
85-68-7	Butylbenzylphthalate		2		U
91-94-1	3,3'-Dichlorobenzidine		2		U
56-55-3	Benzo(a)anthracene		1		U
218-01-9	Chrysene		1		U
117-81-7	bis(2-Ethylhexyl)phthalate		2		U

8798

1C cont

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLKWB2365

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: SBLKWB236

Sample wt/vol: 1000 (g/mL)ML Lab File ID: ch0824.d

Level: (low/med) LOW Date Received:

% Moisture: not dec: dec: Date Extracted: 08/24/07

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/24/07

Injection Volume: 1 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Extraction: Sepf

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	MDL	UG/L	Q
117-84-0	Di-n-octylphthalate		2		U
205-99-2	Benzo(b)fluoranthene		1		U
207-08-9	Benzo(k)fluoranthene		1		U
50-32-8	Benzo(a)pyrene		1		U
193-39-5	Indeno(1,2,3-cd)pyrene		1		U
53-70-3	Dibenz(a,h)anthracene		1		U
191-24-2	Benzo(g,h,i)perylene		1		U

0791

SBLKWB2365

Lancaster Labs
Quantitation Report GC/MS Semi-Volatiles

SBLKWB236

Data file: /chem/HP10623.i/07aug24a.b/ch0824.d Blank Data file reference:**/chem/HP10623.i/07aug24a.b/ch0824.d**
Injection date and time: 24-AUG-2007 20:59 Instrument ID: HP10623.i Batch: 07236WAB
Date, time and analyst ID of latest file update: 29-Aug-2007 19:48 lmh00956

Method used: /chem/HP10623.i/07aug24a.b/m8270.m Sublist used: **236WAB**
Calibration date and time (Last Method Edit): 29-AUG-2007 19:47
Mid Level Daily Calibration Standard Reference: /chem/HP10623.i/07aug24a.b/ch0821.d

Sample Concentration Formula: On-Column Amount * DF * Uf * Vt/(Vo * Vi) Matrix: WATER GPC Cleanup: No

Dilution Factor (DF): 1 Unit Correction Factor (Uf): 1 Volume Injected (Vi): 1 ul
GPC Cleanup Factor (gpcf): 1 Sample Volume (Vo): 1000.0 ml Final Extract Volume (Vt): 1000 ul

Internal Standards	RT (+/-RT)	Scan	QIon	Area(+/- %Area)	Conc (ng/ul)	QC Flag
21) 1,4-Dichlorobenzene-d4	4.344(0.006)	482	152.0	63983(10)	40.00	
46) Naphthalene-d8	5.500(0.000)	670	136.0	275569(-5)	40.00	
82) Acenaphthene-d10	6.970(0.000)	909	164.0	170502(-15)	40.00	
120) Phenanthrene-d10	8.175(0.000)	1105	188.0	311313(-22)	40.00	
149) Chrysene-d12	10.309(0.006)	1452	240.0	289292(-27)	40.00	
161) Perylene-d12	11.409(0.006)	1631	264.0	246422(-35)	40.00	

= RETENTION TIME OUT OF RANGE * = INTERNAL STANDARD OUT OF RANGE NC = NOT ABLE TO CALCULATE

Surrogate Standards	I.S. Ref.	RT (+/-RRT)	QIon	Area	Conc. (on column)	%Rec.	QC flags	QC Limits
9) 2-Fluorophenol	(1)	3.084(-0.001)	112	269362	119.747	60%		10 - 103
14) Phenol-d6	(1)	4.068(-0.001)	99	239539	81.109	41%		10 - 82
35) Nitrobenzene-d5	(2)	4.873(0.001)	82	217553	90.841	91%		51 - 123
66) 2-Fluorobiphenyl	(3)	6.441(0.000)	172	474400	89.709	90%		63 - 118
104) 2,4,6-Tribromophenol	(3)	7.615(0.001)	330	195949	196.425	98%		20 - 159
138) Terphenyl-d14	(5)	9.491(-0.001)	244	605733	92.888	93%		52 - 151

= RELATIVE RETENTION TIME OUT OF RANGE * = PERCENT REC.OUT OF RANGE D = DILUTED OUT NC = NOT ABLE TO CALCULATE

Target Compounds	I.S. Ref.	RT (+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit (ng/ul)
2) N-Nitrosodimethylamine	(1)				ND	ND			2.00
15) Phenol	(1)				ND	ND			1.00
18) bis(2-Chloroethyl)ether	(1)				ND	ND			1.00
19) 2-Chlorophenol	(1)				ND	ND			1.00
20) 1,3-Dichlorobenzene	(1)				ND	ND			1.00
22) 1,4-Dichlorobenzene	(1)				ND	ND			1.00
23) Benzyl alcohol	(1)			Below MDL,	Do not report				5.00
24) 1,2-Dichlorobenzene	(1)				ND	ND			1.00
25) 2-Methylphenol	(1)				ND	ND			1.00
26) 2,2'-oxybis(1-Chloropropane)	(1)				ND	ND			1.00
27) bis(2-Chloroisopropyl)ether	(1)				ND	ND			1.00
30) N-Nitroso-di-n-propylamine	(1)				ND	ND			1.00
31) 4-Methylphenol	(1)				ND	ND			1.00
34) Hexachloroethane	(1)				ND	ND			2.00
36) Nitrobenzene	(2)				ND	ND			1.00
38) Isophorone	(2)			Below MDL,	Do not report				1.00
39) 2-Nitrophenol	(2)				ND	ND			1.00
40) 2,4-Dimethylphenol	(2)				ND	ND			1.00
42) bis(2-Chloroethoxy)methane	(2)			Below MDL,	Do not report				3.00
44) 2,4-Dichlorophenol	(2)				ND	ND			1.00
45) 1,2,4-Trichlorobenzene	(2)				ND	ND			1.00
47) Naphthalene	(2)				ND	ND			1.00

6792

SBLKWB2365 Lancaster Labs Quantitation Report GC/MS Semi-Volatiles SBLKWB236

Data file: /chem/HP10623.i/07aug24a.b/ch0824.d Blank Data file reference:**/chem/HP10623.i/07aug24a.b/ch0824.d**
Injection date and time: 24-AUG-2007 20:59 Instrument ID: HP10623.i Batch: 07236WAB
Date, time and analyst ID of latest file update: 29-Aug-2007 19:48 lmh00956

Method used: /chem/HP10623.i/07aug24a.b/m8270.m Sublist used: **236WAB**
Calibration date and time (Last Method Edit): 29-AUG-2007 19:47
Mid Level Daily Calibration Standard Reference: /chem/HP10623.i/07aug24a.b/ch0821.d

Sample Concentration Formula: On-Column Amount * DF * Uf * Vt/(Vo * Vi) Matrix: WATER GPC Cleanup: No

Dilution Factor (DF): 1 Unit Correction Factor (Uf): 1 Volume Injected (Vi): 1 ul
GPC Cleanup Factor (gpcf): 1 Sample Volume (Vo): 1000.0 ml Final Extract Volume (Vt): 1000 ul

Target Compounds	I.S. Ref.	RT	(+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit (ng/ul)
48) 4-Chloroaniline	(2)					ND	ND			1.00
51) Hexachlorobutadiene	(2)					ND	ND			1.00
55) 4-Chloro-3-methylphenol	(2)					ND	ND			1.00
58) 2-Methylnaphthalene	(2)					ND	ND			1.00
61) Hexachlorocyclopentadiene	(3)					ND	ND			5.00
64) 2,4,6-Trichlorophenol	(3)					ND	ND			1.00
65) 2,4,5-Trichlorophenol	(3)					ND	ND			1.00
71) 2-Chloronaphthalene	(3)					ND	ND			2.00
74) 2-Nitroaniline	(3)				Below MDL,	Do not report				1.00
77) Dimethylphthalate	(3)					ND	ND			2.00
79) 2,6-Dinitrotoluene	(3)					ND	ND			1.00
80) Acenaphthylene	(3)					ND	ND			1.00
81) 3-Nitroaniline	(3)					ND	ND			1.00
83) Acenaphthene	(3)					ND	ND			1.00
84) 2,4-Dinitrophenol	(3)					ND	ND			20.00
86) 4-Nitrophenol	(3)				Below MDL,	Do not report				10.00
87) Dibenzofuran	(3)					ND	ND			1.00
88) 2,4-Dinitrotoluene	(3)					ND	ND			1.00
93) Diethylphthalate	(3)				Below MDL,	Do not report				2.00
94) Fluorene	(3)					ND	ND			1.00
96) 4-Chlorophenyl-phenylether	(3)					ND	ND			2.00
98) 4-Nitroaniline	(3)					ND	ND			1.00
99) 4,6-Dinitro-2-methylphenol	(4)				Below MDL,	Do not report				5.00
102) N-Nitrosodiphenylamine	(4)				Below MDL,	Do not report				2.00
110) 4-Bromophenyl-phenylether	(4)					ND	ND			1.00
112) Hexachlorobenzene	(4)					ND	ND			1.00
116) Pentachlorophenol	(4)					ND	ND			3.00
121) Phenanthrene	(4)					ND	ND			1.00
124) Anthracene	(4)					ND	ND			1.00
125) Carbazole	(4)					ND	ND			1.00
128) Di-n-butylphthalate	(4)				Below MDL,	Do not report				2.00
134) Fluoranthene	(4)					ND	ND			1.00
136) Pyrene	(5)				Below MDL,	Do not report				1.00
143) Butylbenzylphthalate	(5)					ND	ND			2.00
145) 3,3'-Dichlorobenzidine	(5)					ND	ND			2.00
146) Benzo(a)anthracene	(5)				Below MDL,	Do not report				1.00
150) Chrysene	(5)				Below MDL,	Do not report				1.00
151) bis(2-Ethylhexyl)phthalate	(5)				Below MDL,	Do not report				2.00
156) Di-n-octylphthalate	(6)					ND	ND			2.00
158) Benzo(b)fluoranthene	(6)					ND	ND			1.00
159) Benzo(k)fluoranthene	(6)					ND	ND			1.00
160) Benzo(a)pyrene	(6)				Below MDL,	Do not report				1.00

Data file: /chem/HP10623.i/07aug24a.b/ch0824.d Blank Data file reference:**/chem/HP10623.i/07aug24a.b/ch0824.d**
Injection date and time: 24-AUG-2007 20:59 Instrument ID: HP10623.i Batch: 07236WAB
Date, time and analyst ID of latest file update: 29-Aug-2007 19:48 lmh00956

Method used: /chem/HP10623.i/07aug24a.b/m8270.m Sublist used: **236WAB**
Calibration date and time (Last Method Edit): 29-AUG-2007 19:47
Mid Level Daily Calibration Standard Reference: /chem/HP10623.i/07aug24a.b/ch0821.d

Sample Concentration Formula: On-Column Amount * DF * Uf * Vt/(Vo * Vi) Matrix: WATER GPC Cleanup: No

Dilution Factor (DF): 1 Unit Correction Factor (Uf): 1 Volume Injected (Vi): 1 ul
GPC Cleanup Factor (gpcf): 1 Sample Volume (Vo): 1000.0 ml Final Extract Volume (Vt): 1000 ul

Target Compounds	I.S. Ref.	RT	(+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit (ng/ul)
168) Indeno(1,2,3-cd)pyrene	(6)					ND	ND			1.00
169) Dibenz(a,h)anthracene	(6)					ND	ND			1.00
170) Benzo(g,h,i)perylene	(6)					ND	ND			1.00

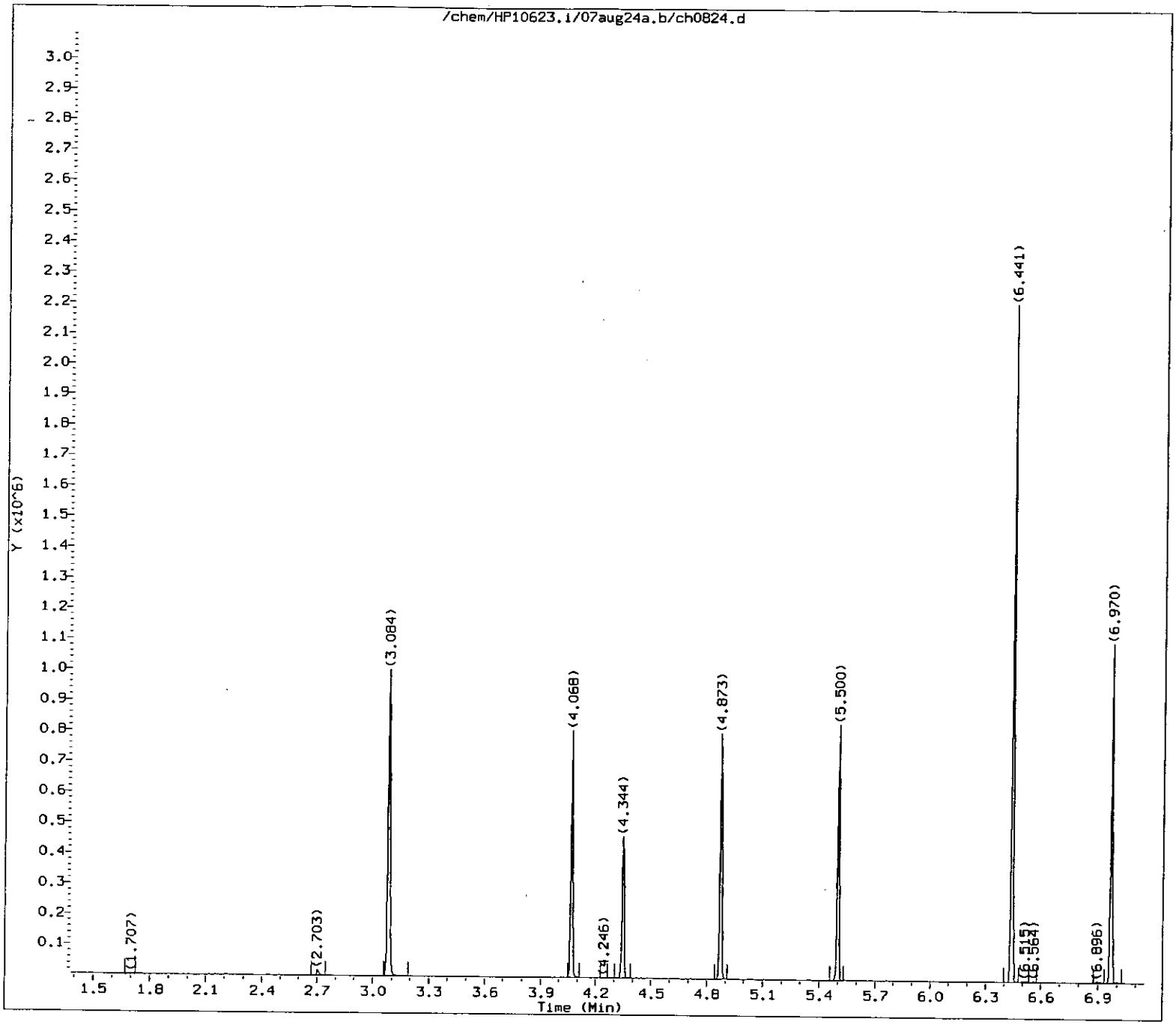
E = CONC. OUT OF CAL. RANGE # = RELATIVE RETENTION TIME OUT OF RANGE

Total number of targets = 67

Comments:

Analyst: Michele Hawentwie 1958 Date: 08/29/07
Auditor: Michele Smith Date: 8/31/07

8794



Quant Report

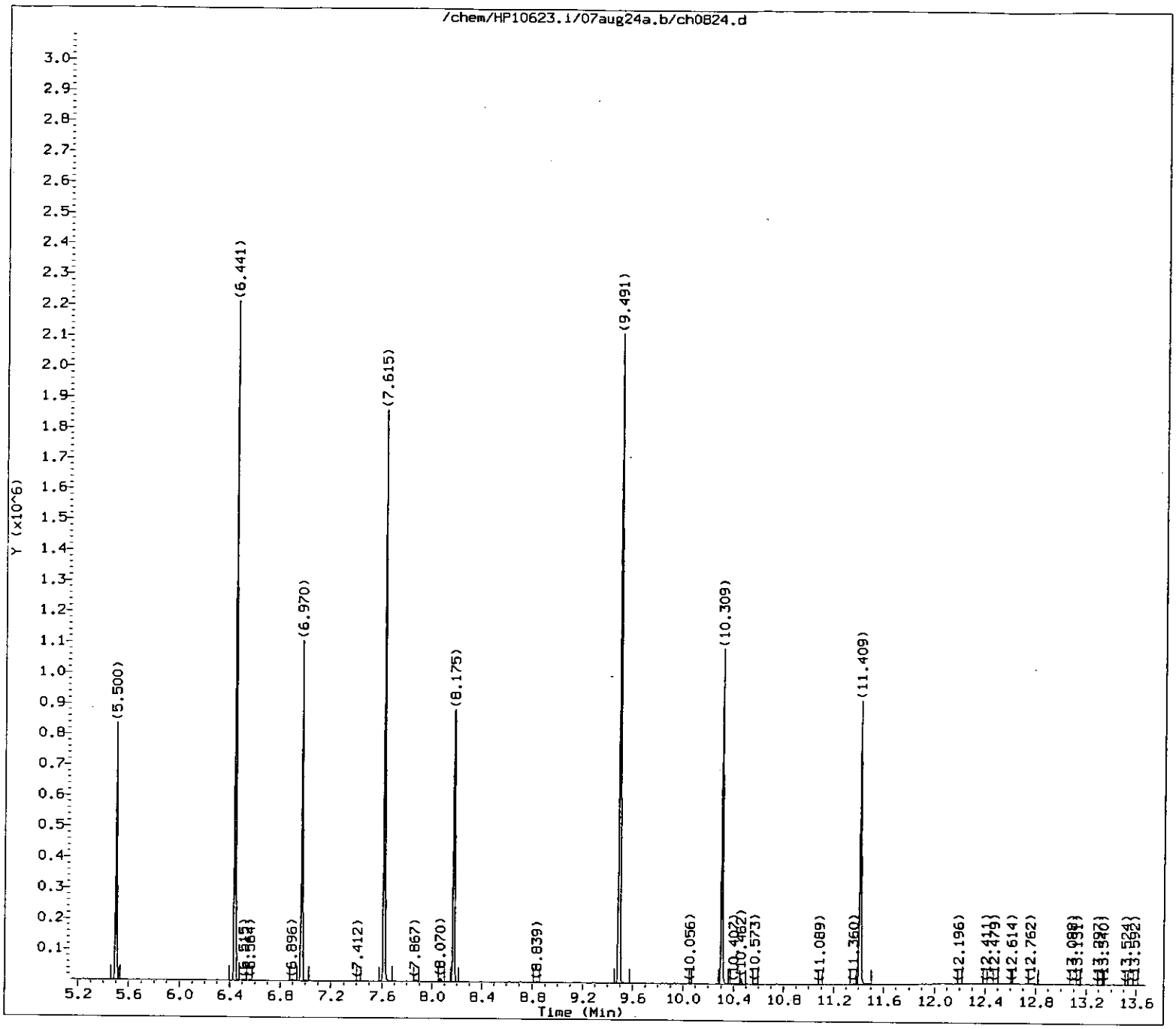
Target Revision 3.5

Data File: /chem/HP10623.i/07aug24a.b/ch0824.d Instrument ID: HP10623.i
Injection date and time: 24-AUG-2007 20:59 Analyst ID: lmh00956

Method used: /chem/HP10623.i/07aug24a.b/m8270.m Sublist used: 236WAB
Calibration date and time: 24-AUG-2007 20:30
Date, time and analyst ID of latest file update: 25-Aug-2007 00:13 lmh00956

Sample Name: SBLKWB2365 Lab Sample ID: SBLKWB236

0795



Quant Report

Target Revision 3.5

Data File: /chem/HP10623.i/07aug24a.b/ch0824.d Instrument ID: HP10623.i
Injection date and time: 24-AUG-2007 20:59 Analyst ID: lmh00956

Method used: /chem/HP10623.i/07aug24a.b/m8270.m Sublist used: 236WAB
Calibration date and time: 24-AUG-2007 20:30
Date, time and analyst ID of latest file update: 25-Aug-2007 00:13 lmh00956

Sample Name: SBLKWB2365 Lab Sample ID: SBLKWB236

8796

Quant Report

Target Revision 3.5

Data File: /chem/HP10623.i/07aug24a.b/ch0824.d Instrument ID: HP10623.i
Injection date and time: 24-AUG-2007 20:59 Analyst ID: lmh00956

Method used: /chem/HP10623.i/07aug24a.b/m8270.m Sublist used: 236WAB
Calibration date and time: 24-AUG-2007 20:30
Date, time and analyst ID of latest file update: 25-Aug-2007 00:13 lmh00956

Sample Name: SBLKWB2365 Lab Sample ID: SBLKWB236

	Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
21)	1,4-Dichlorobenzene-d4	(1)	4.344	152	63983	40.0000
46)	Naphthalene-d8	(2)	5.500	136	275569	40.0000
82)	Acenaphthene-d10	(3)	6.970	164	170502	40.0000
120)	Phenanthrene-d10	(4)	8.175	188	311313	40.0000
149)	Chrysene-d12	(5)	10.309	240	289292	40.0000
161)	Perylene-d12	(6)	11.409	264	246422	40.0000
9)	2-Fluorophenol	(1)	3.084	112	269362	119.7466
14)	Phenol-d6	(1)	4.068	99	239539	81.1086
35)	Nitrobenzene-d5	(2)	4.873	82	217553	90.8408
66)	2-Fluorobiphenyl	(3)	6.441	172	474400	89.7087
104)	2,4,6-Tribromophenol	(3)	7.615	330	195949	196.4251
138)	Terphenyl-d14	(5)	9.491	244	605733	92.8884

M = Compound was manually integrated. A = User selected an alternate hit

1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SBLKWD2407

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: SBLKWD240

Sample wt/vol: 1000 (g/mL)ML Lab File ID: gh1139.d

Level: (low/med) LOW Date Received:

% Moisture: not dec: dec: Date Extracted: 08/28/07

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/31/07

Injection Volume: 1 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Extraction: Sepf

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	MDL	UG/L	Q
108-95-2	Phenol			1	U
111-44-4	bis(2-Chloroethyl)ether			1	U
95-57-8	2-Chlorophenol			1	U
541-73-1	1,3-Dichlorobenzene			1	U
106-46-7	1,4-Dichlorobenzene			1	U
95-50-1	1,2-Dichlorobenzene			1	U
95-48-7	2-Methylphenol			1	U
108-60-1	2,2'-oxybis(1-Chloropropane)			1	U
621-64-7	N-Nitroso-di-n-propylamine			1	U
106-44-5	4-Methylphenol			2	U
67-72-1	Hexachloroethane			1	U
98-95-3	Nitrobenzene			1	U
78-59-1	Isophorone			1	U
88-75-5	2-Nitrophenol			1	U
105-67-9	2,4-Dimethylphenol			3	U
111-91-1	bis(2-Chloroethoxy)methane			1	U
120-83-2	2,4-Dichlorophenol			1	U
120-82-1	1,2,4-Trichlorobenzene			1	U
91-20-3	Naphthalene			1	U
106-47-8	4-Chloroaniline			1	U
87-68-3	Hexachlorobutadiene			1	U
59-50-7	4-Chloro-3-methylphenol			1	U
91-57-6	2-Methylnaphthalene			1	U
77-47-4	Hexachlorocyclopentadiene			5	U
88-06-2	2,4,6-Trichlorophenol			1	U
95-95-4	2,4,5-Trichlorophenol			1	U
91-58-7	2-Chloronaphthalene			2	U
88-74-4	2-Nitroaniline			1	U
131-11-3	Dimethylphthalate			2	U
606-20-2	2,6-Dinitrotoluene			1	U

0798

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLKWD2407

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: SBLKWD240

Sample wt/vol: 1000 (g/mL)ML Lab File ID: gh1139.d

Level: (low/med) LOW Date Received:

% Moisture: not dec: dec: Date Extracted: 08/28/07

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/31/07

Injection Volume: 1 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Extraction: Sepf

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	MDL	UG/L	Q
208-96-8	Acenaphthylene		1		U
99-09-2	3-Nitroaniline		1		U
83-32-9	Acenaphthene		1		U
51-28-5	2,4-Dinitrophenol		20		U
100-02-7	4-Nitrophenol		10		U
132-64-9	Dibenzofuran		1		U
121-14-2	2,4-Dinitrotoluene		1		U
84-66-2	Diethylphthalate		2		U
86-73-7	Fluorene		1		U
7005-72-3	4-Chlorophenyl-phenylether		2		U
100-01-6	4-Nitroaniline		1		U
534-52-1	4,6-Dinitro-2-methylphenol		5		U
86-30-6	N-Nitrosodiphenylamine		2		U
101-55-3	4-Bromophenyl-phenylether		1		U
118-74-1	Hexachlorobenzene		1		U
87-86-5	Pentachlorophenol		3		U
85-01-8	Phenanthrene		1		U
120-12-7	Anthracene		1		U
86-74-8	Carbazole		1		U
84-74-2	Di-n-butylphthalate		2		U
206-44-0	Fluoranthene		1		U
129-00-0	Pyrene		1		U
85-68-7	Butylbenzylphthalate		2		U
91-94-1	3,3'-Dichlorobenzidine		2		U
56-55-3	Benzo(a)anthracene		1		U
218-01-9	Chrysene		1		U
117-81-7	bis(2-Ethylhexyl)phthalate		2		U
117-84-0	Di-n-octylphthalate		2		U
205-99-2	Benzo(b)fluoranthene		1		U
207-08-9	Benzo(k)fluoranthene		1		U

8799

1C cont

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLKWD2407

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: SBLKWD240

Sample wt/vol: 1000 (g/mL)ML Lab File ID: gh1139.d

Level: (low/med) LOW Date Received:

% Moisture: not dec: dec: Date Extracted: 08/28/07

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/31/07

Injection Volume: 1 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Extraction: Sepf

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	MDL	UG/L	Q
50-32-8	Benzo(a)pyrene			1	U
193-39-5	Indeno(1,2,3-cd)pyrene			1	U
53-70-3	Dibenz(a,h)anthracene			1	U
191-24-2	Benzo(g,h,i)perylene			1	U

8888

SBLKWD2407 Lancaster Labs Quantitation Report GC/MS Semi-Volatiles SBLKWD240

Data file: /chem/HP11165.i/07aug31.b/gh1139.d Blank Data file reference:**/chem/HP11165.i/07aug31.b/gh1139.d**
Injection date and time: 31-AUG-2007 11:40 Instrument ID: HP11165.i Batch: 07240WAD
Date, time and analyst ID of latest file update: 31-Aug-2007 15:19 gjd01970

Method used: /chem/HP11165.i/07aug31.b/minti.m Sublist used: **WTC8**
Calibration date and time (Last Method Edit): 31-AUG-2007 10:55
Mid Level Daily Calibration Standard Reference: /chem/HP11165.i/07aug31.b/gh1131.d

Sample Concentration Formula: On-Column Amount * DF * Uf * Vt/(Vo * Vi) Matrix: WATER GPC Cleanup: No

Dilution Factor (DF): 1 Unit Correction Factor (Uf): 1 Volume Injected (Vi): 1 ul
GPC Cleanup Factor (gpcf): 1 Sample Volume (Vo): 1000.0 ml Final Extract Volume (Vt): 1000 ul

---

Internal Standards	RT (+/-RT)	Scan	QIon	Area(+/- %Area)	Conc(ng/ul)	QC Flag
21) 1,4-Dichlorobenzene-d4	4.824(0.002)	652	152.0	177521(-5)	40.00	
52) Naphthalene-d8	5.979(0.002)	868	136.0	749877(-11)	40.00	
97) Acenaphthene-d10	7.456(0.007)	1144	164.0	444295(-11)	40.00	
134) Phenanthrene-d10	8.670(0.002)	1371	188.0	916124(-5)	40.00	
166) Chrysene-d12	10.831(0.007)	1775	240.0	808754(-6)	40.00	
174) Perylene-d12	12.237(0.007)	2038	264.0	611884(-18)	40.00	

= RETENTION TIME OUT OF RANGE * = INTERNAL STANDARD OUT OF RANGE NC = NOT ABLE TO CALCULATE

Surrogate Standards	I.S. Ref.	RT (+/-RRT)	QIon	Area	Conc. (on column)	%Rec.	QC flags	QC Limits
9) 2-Fluorophenol	(1)	3.508(0.000)	112	810720	107.338	54%		10 - 103
15) Phenol-d6	(1)	4.519(-0.001)	99	722342	67.818	34%		10 - 82
38) Nitrobenzene-d5	(2)	5.348(0.000)	82	757423	91.912	92%		51 - 123
77) 2-Fluorobiphenyl	(3)	6.915(-0.001)	172	1196353	81.870	82%		63 - 118
118) 2,4,6-Tribromophenol	(3)	8.108(-0.001)	330	362886	198.434	99%		20 - 159
155) Terphenyl-d14	(5)	9.991(0.000)	244	1527903	92.228	92%		52 - 151

= RELATIVE RETENTION TIME OUT OF RANGE * = PERCENT REC.OUT OF RANGE D = DILUTED OUT NC = NOT ABLE TO CALCULATE

Target Compounds	I.S. Ref.	RT (+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit (ng/ul)
16) Phenol	(1)				Below MDL, Do not report				1.00
18) bis(2-Chloroethyl)ether	(1)				Below MDL, Do not report				1.00
19) 2-Chlorophenol	(1)				Below MDL, Do not report				1.00
20) 1,3-Dichlorobenzene	(1)				Below MDL, Do not report				1.00
22) 1,4-Dichlorobenzene	(1)				Below MDL, Do not report				1.00
25) 1,2-Dichlorobenzene	(1)				Below MDL, Do not report				1.00
26) 2-Methylphenol	(1)				Below MDL, Do not report				1.00
27) 2,2'-oxybis(1-Chloropropane)	(1)				Below MDL, Do not report				1.00
31) N-Nitroso-di-n-propylamine	(1)				Below MDL, Do not report				1.00
33) 4-Methylphenol	(1)				Below MDL, Do not report				1.00
37) Hexachloroethane	(1)				ND	ND			2.00
39) Nitrobenzene	(2)				Below MDL, Do not report				1.00
41) Isophorone	(2)				Below MDL, Do not report				1.00
42) 2-Nitrophenol	(2)				ND	ND			1.00
44) 2,4-Dimethylphenol	(2)				Below MDL, Do not report				3.00
46) bis(2-Chloroethoxy)methane	(2)				Below MDL, Do not report				1.00
49) 2,4-Dichlorophenol	(2)				ND	ND			1.00
50) 1,2,4-Trichlorobenzene	(2)				ND	ND			1.00
53) Naphthalene	(2)				Below MDL, Do not report				1.00
55) 4-Chloroaniline	(2)				ND	ND			1.00
59) Hexachlorobutadiene	(2)				ND	ND			1.00
67) 4-Chloro-3-methylphenol	(2)				Below MDL, Do not report				1.00
69) 2-Methylnaphthalene	(2)				Below MDL, Do not report				1.00

SBLKWD2407 Lancaster Labs Quantitation Report GC/MS Semi-Volatiles SBLKWD240

Data file: /chem/HP11165.i/07aug31.b/gh1139.d Blank Data file reference:**/chem/HP11165.i/07aug31.b/gh1139.d**
Injection date and time: 31-AUG-2007 11:40 Instrument ID: HP11165.i Batch: 07240WAD
Date, time and analyst ID of latest file update: 31-Aug-2007 15:19 gjd01970

Method used: /chem/HP11165.i/07aug31.b/minti.m Sublist used: **WTC8**
Calibration date and time (Last Method Edit): 31-AUG-2007 10:55
Mid Level Daily Calibration Standard Reference: /chem/HP11165.i/07aug31.b/gh1131.d

Sample Concentration Formula: On-Column Amount * DF * Uf * Vt/(Vo * Vi) Matrix: WATER GPC Cleanup: No

Dilution Factor (DF): 1 Unit Correction Factor (Uf): 1 Volume Injected (Vi): 1 ul
GPC Cleanup Factor (gpcf): 1 Sample Volume (Vo): 1000.0 ml Final Extract Volume (Vt): 1000 ul

Target Compounds	I.S. Ref.	RT	(+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit (ng/ul)
71) Hexachlorocyclopentadiene	(3)					ND	ND			5.00
74) 2,4,6-Trichlorophenol	(3)					Below MDL, Do not report				1.00
76) 2,4,5-Trichlorophenol	(3)					Below MDL, Do not report				1.00
83) 2-Chloronaphthalene	(3)					ND	ND			2.00
88) 2-Nitroaniline	(3)					Below MDL, Do not report				1.00
91) Dimethylphthalate	(3)					ND	ND			2.00
93) 2,6-Dinitrotoluene	(3)					ND	ND			1.00
94) Acenaphthylene	(3)					Below MDL, Do not report				1.00
96) 3-Nitroaniline	(3)					Below MDL, Do not report				1.00
98) Acenaphthene	(3)					Below MDL, Do not report				1.00
99) 2,4-Dinitrophenol	(3)					ND	ND			20.00
102) 4-Nitrophenol	(3)					Below MDL, Do not report				10.00
103) Dibenzofuran	(3)					Below MDL, Do not report				1.00
104) 2,4-Dinitrotoluene	(3)					ND	ND			1.00
108) Diethylphthalate	(3)					Below MDL, Do not report				2.00
110) Fluorene	(3)					ND	ND			1.00
111) 4-Chlorophenyl-phenylether	(3)					ND	ND			2.00
113) 4-Nitroaniline	(3)					Below MDL, Do not report				1.00
114) 4,6-Dinitro-2-methylphenol	(4)					ND	ND			5.00
116) N-Nitrosodiphenylamine	(4)					Below MDL, Do not report				2.00
124) 4-Bromophenyl-phenylether	(4)					ND	ND			1.00
126) Hexachlorobenzene	(4)					ND	ND			1.00
130) Pentachlorophenol	(4)					ND	ND			3.00
136) Phenanthrene	(4)					Below MDL, Do not report				1.00
137) Anthracene	(4)					Below MDL, Do not report				1.00
139) Carbazole	(4)					Below MDL, Do not report				1.00
141) Di-n-butylphthalate	(4)					Below MDL, Do not report				2.00
146) Fluoranthene	(4)					Below MDL, Do not report				1.00
153) Pyrene	(5)					Below MDL, Do not report				1.00
160) Butylbenzylphthalate	(5)					Below MDL, Do not report				2.00
163) 3,3'-Dichlorobenzidine	(5)					Below MDL, Do not report				2.00
165) Benzo(a)anthracene	(5)					Below MDL, Do not report				1.00
167) Chrysene	(5)					Below MDL, Do not report				1.00
168) bis(2-Ethylhexyl)phthalate	(5)					Below MDL, Do not report				2.00
169) Di-n-octylphthalate	(6)					Below MDL, Do not report				2.00
171) Benzo(b)fluoranthene	(6)					Below MDL, Do not report				1.00
172) Benzo(k)fluoranthene	(6)					Below MDL, Do not report				1.00
173) Benzo(a)pyrene	(6)					Below MDL, Do not report				1.00
176) Indeno(1,2,3-cd)pyrene	(6)					Below MDL, Do not report				1.00
177) Dibenz(a,h)anthracene	(6)					Below MDL, Do not report				1.00
178) Benzo(g,h,i)perylene	(6)					Below MDL, Do not report				1.00

SBLKWD2407 Lancaster Labs Quantitation Report GC/MS Semi-Volatiles SBLKWD240

Data file: /chem/HP11165.i/07aug31.b/gh1139.d Blank Data file reference:**/chem/HP11165.i/07aug31.b/gh1139.d**
Injection date and time: 31-AUG-2007 11:40 Instrument ID: HP11165.i Batch: 07240WAD
Date, time and analyst ID of latest file update: 31-Aug-2007 15:19 gjd01970

Method used: /chem/HP11165.i/07aug31.b/minti.m Sublist used: **WTC8**
Calibration date and time (Last Method Edit): 31-AUG-2007 10:55
Mid Level Daily Calibration Standard Reference: /chem/HP11165.i/07aug31.b/gh1131.d

Sample Concentration Formula: On-Column Amount * DF * Uf * Vt/(Vo * Vi) Matrix: WATER GPC Cleanup: No

Dilution Factor (DF): 1 Unit Correction Factor (Uf): 1 Volume Injected (Vi): 1 ul
GPC Cleanup Factor (gpcf): 1 Sample Volume (Vo): 1000.0 ml Final Extract Volume (Vt): 1000 ul

Target Compounds	I.S. Ref.	RT	(+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit (ng/ul)

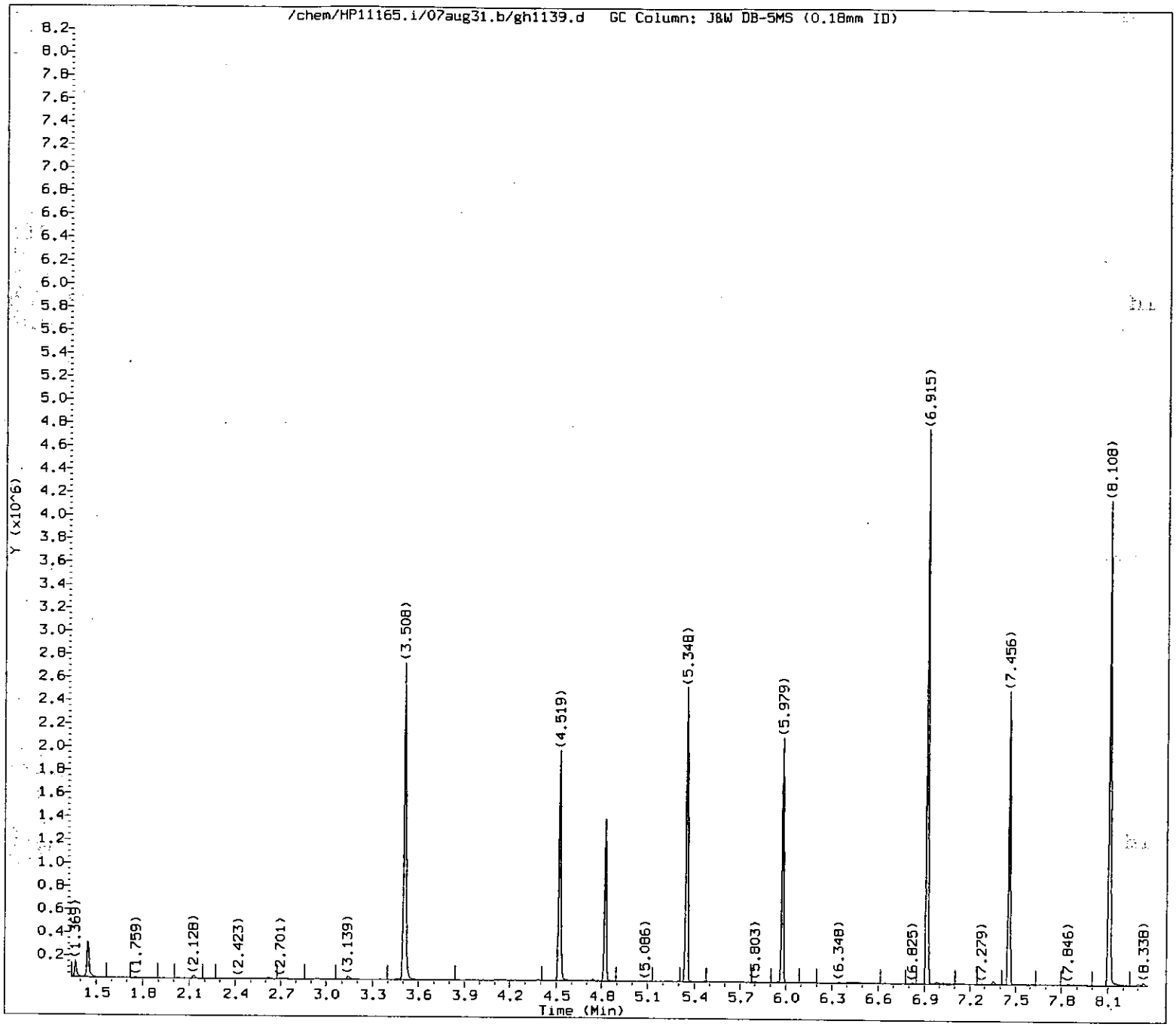
E = CONC. OUT OF CAL. RANGE # = RELATIVE RETENTION TIME OUT OF RANGE

Total number of targets = 64

Comments:

Analyst: 1978 Date: 8/31/07
Auditor: Date: 9/4/07

5883



Quant Report

Target Revision 3.5

Data File: /chem/HP11165.i/07aug31.b/gh1139.d
Injection date and time: 31-AUG-2007 11:40

Instrument ID: HP11165.i
Analyst ID: jmg00346

Method used: /chem/HP11165.i/07aug31.b/minti.m
Calibration date and time: 31-AUG-2007 10:55

Sublist used: WTC8

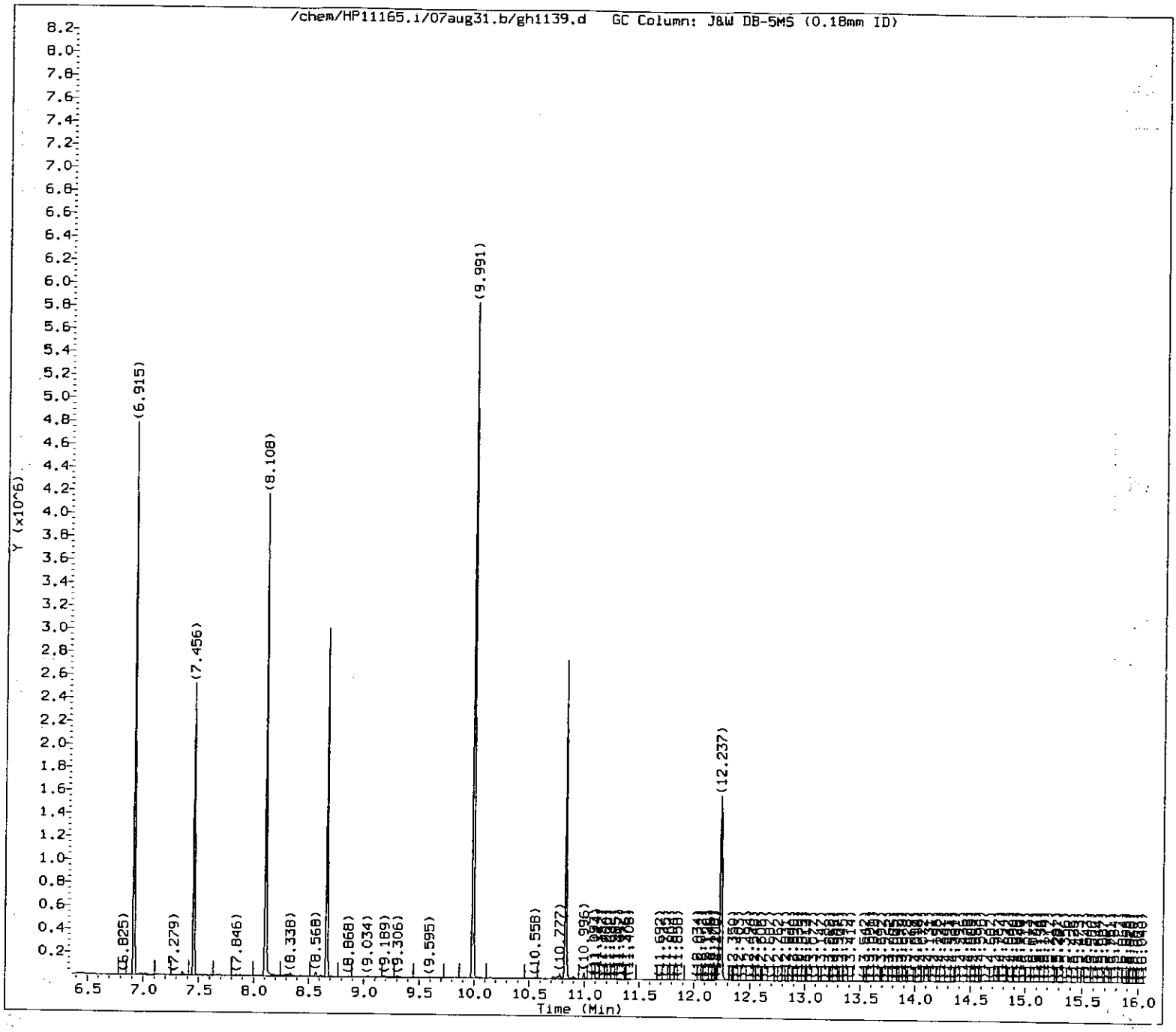
Date, time and analyst ID of latest file update: 31-Aug-2007 15:19 gjd01970

Sample Name: SBLKWD2407

Lab Sample ID: SBLKWD240

0884

9/3/07



Quant Report

Target Revision 3.5

Data File: /chem/HP11165.i/07aug31.b/gh1139.d
Injection date and time: 31-AUG-2007 11:40

Instrument ID: HP11165.i
Analyst ID: jmg00346

Method used: /chem/HP11165.i/07aug31.b/minti.m
Calibration date and time: 31-AUG-2007 10:55

Sublist used: WTC8

Date, time and analyst ID of latest file update: 31-Aug-2007 15:19 gjd01970

Sample Name: SBLKWD2407

Lab Sample ID: SBLKWD240

8885

9/31/07

Quant Report

Target Revision 3.5

Data File: /chem/HP11165.i/07aug31.b/gh1139.d Instrument ID: HP11165.i
Injection date and time: 31-AUG-2007 11:40 Analyst ID: jmg00346

Method used: /chem/HP11165.i/07aug31.b/minti.m Sublist used: WTC8
Calibration date and time: 31-AUG-2007 10:55
Date, time and analyst ID of latest file update: 31-Aug-2007 15:19 gjd01970

Sample Name: SBLKWD2407 Lab Sample ID: SBLKWD240

	Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
21)	1,4-Dichlorobenzene-d4	(1)	4.824	152	177521	40.000
52)	Naphthalene-d8	(2)	5.979	136	749877	40.000
97)	Acenaphthene-d10	(3)	7.456	164	444295	40.000
134)	Phenanthrene-d10	(4)	8.670	188	916124	40.000
166)	Chrysene-d12	(5)	10.831	240	808754	40.000
174)	Perylene-d12	(6)	12.237	264	611884	40.000
9)	2-Fluorophenol	(1)	3.508	112	810720	107.338
15)	Phenol-d6	(1)	4.519	99	722342	67.818
38)	Nitrobenzene-d5	(2)	5.348	82	757423	91.912
77)	2-Fluorobiphenyl	(3)	6.915	172	1196353	81.870
118)	2,4,6-Tribromophenol	(3)	8.108	330	362886	198.434
155)	Terphenyl-d14	(5)	9.991	244	1527903	92.228

M = Compound was manually integrated. A = User selected an alternate hi

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

OS--3MS

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 5136506

Sample wt/vol: 995 (g/mL)ML Lab File ID: ch0846.d

Level: (low/med) LOW Date Received: 08/23/07

% Moisture: not dec: dec: Date Extracted: 08/24/07

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/25/07

Injection Volume: 1 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Extraction: Sepf

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) LOQ	UG/L	Q
108-95-2	Phenol		25	
111-44-4	bis(2-Chloroethyl)ether		52	
95-57-8	2-Chlorophenol		51	
541-73-1	1,3-Dichlorobenzene		45	
106-46-7	1,4-Dichlorobenzene		49	
95-50-1	1,2-Dichlorobenzene		48	
95-48-7	2-Methylphenol		47	
108-60-1	2,2'-oxybis(1-Chloropropane)		57	
621-64-7	N-Nitroso-di-n-propylamine		52	
106-44-5	4-Methylphenol		43	
67-72-1	Hexachloroethane		44	
98-95-3	Nitrobenzene		49	
78-59-1	Isophorone		45	
88-75-5	2-Nitrophenol		54	
105-67-9	2,4-Dimethylphenol		50	
111-91-1	bis(2-Chloroethoxy)methane		57	
120-83-2	2,4-Dichlorophenol		51	
120-82-1	1,2,4-Trichlorobenzene		48	
91-20-3	Naphthalene		50	
106-47-8	4-Chloroaniline		47	
87-68-3	Hexachlorobutadiene		47	
59-50-7	4-Chloro-3-methylphenol		56	
91-57-6	2-Methylnaphthalene		51	
77-47-4	Hexachlorocyclopentadiene		88	
88-06-2	2,4,6-Trichlorophenol		47	
95-95-4	2,4,5-Trichlorophenol		47	
91-58-7	2-Chloronaphthalene		36	
88-74-4	2-Nitroaniline		53	
131-11-3	Dimethylphthalate		34	
606-20-2	2,6-Dinitrotoluene		52	

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

OS--3MS

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 5136506

Sample wt/vol: 995 (g/mL)ML Lab File ID: ch0846.d

Level: (low/med) LOW Date Received: 08/23/07

% Moisture: not dec: dec: Date Extracted: 08/24/07

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/25/07

Injection Volume: 1 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Extraction: Sepf

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	LOQ	UG/L	Q
208-96-8	Acenaphthylene			56	
99-09-2	3-Nitroaniline			51	
83-32-9	Acenaphthene			50	
51-28-5	2,4-Dinitrophenol			60	U
100-02-7	4-Nitrophenol			20	J
132-64-9	Dibenzofuran			49	
121-14-2	2,4-Dinitrotoluene			52	
84-66-2	Diethylphthalate			49	
86-73-7	Fluorene			52	
7005-72-3	4-Chlorophenyl-phenylether			50	
100-01-6	4-Nitroaniline			47	
534-52-1	4,6-Dinitro-2-methylphenol			40	
86-30-6	N-Nitrosodiphenylamine			50	
101-55-3	4-Bromophenyl-phenylether			49	
118-74-1	Hexachlorobenzene			52	
87-86-5	Pentachlorophenol			13	J
85-01-8	Phenanthrene			53	
120-12-7	Anthracene			51	
86-74-8	Carbazole			55	
84-74-2	Di-n-butylphthalate			52	
206-44-0	Fluoranthene			50	
129-00-0	Pyrene			50	
85-68-7	Butylbenzylphthalate			49	
91-94-1	3,3'-Dichlorobenzidine			40	
56-55-3	Benzo(a)anthracene			49	
218-01-9	Chrysene			51	
117-81-7	bis(2-Ethylhexyl)phthalate			49	
117-84-0	Di-n-octylphthalate			55	
205-99-2	Benzo(b)fluoranthene			55	
207-08-9	Benzo(k)fluoranthene			54	

0008

1C cont

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

OS--3MS

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 5136506

Sample wt/vol: 995 (g/mL)ML Lab File ID: ch0846.d

Level: (low/med) LOW Date Received: 08/23/07

% Moisture: not dec: dec: Date Extracted: 08/24/07

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/25/07

Injection Volume: 1 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Extraction: Sepf

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	LOQ	UG/L	Q
50-32-8	Benzo(a)pyrene			52	
193-39-5	Indeno(1,2,3-cd)pyrene			48	
53-70-3	Dibenz(a,h)anthracene			52	
191-24-2	Benzo(g,h,i)perylene			48	

0889

OS--3MS

Lancaster Labs
Quantitation Report GC/MS Semi-Volatiles

5136506

Data file: /chem/HP10623.i/07aug24a.b/ch0846.d Blank Data file reference:**/chem/HP10623.i/07aug24a.b/ch0824.d**
Injection date and time: 25-AUG-2007 04:37 Instrument ID: HP10623.i Batch: 07236WAB
Date, time and analyst ID of latest file update: 29-Aug-2007 20:03 lmh00956

Method used: /chem/HP10623.i/07aug24a.b/m8270.m Sublist used: **WTC8**
Calibration date and time (Last Method Edit): 29-AUG-2007 19:47
Mid Level Daily Calibration Standard Reference: /chem/HP10623.i/07aug24a.b/ch0821.d

Sample Concentration Formula: On-Column Amount * DF * Uf * Vt/(Vo * Vi) Matrix: WATER GPC Cleanup: No

Dilution Factor (DF): 1 Unit Correction Factor (Uf): 1 Volume Injected (Vi): 1 ul
GPC Cleanup Factor (gpcf): 1 Sample Volume (Vo): 995.0 ml Final Extract Volume (Vt): 1000 ul

Internal Standards	RT (+/-RT)	Scan	QIon	Area(+/- %Area)	Conc (ng/ul)	QC Flag
21) 1,4-Dichlorobenzene-d4	4.344(0.006)	482	152.0	60179(3)	40.00	
46) Naphthalene-d8	5.500(0.000)	670	136.0	292112(1)	40.00	
82) Acenaphthene-d10	6.970(0.000)	909	164.0	207503(3)	40.00	
120) Phenanthrene-d10	8.175(0.000)	1105	188.0	390784(-2)	40.00	
149) Chrysene-d12	10.309(0.006)	1452	240.0	371461(-6)	40.00	
161) Perylene-d12	11.409(0.006)	1631	264.0	317523(-16)	40.00	

= RETENTION TIME OUT OF RANGE * = INTERNAL STANDARD OUT OF RANGE NC = NOT ABLE TO CALCULATE

Surrogate Standards	I.S. Ref.	RT (+/-RRT)	QIon	Area	Conc. (on column)	%Rec.	QC flags	QC Limits
9) 2-Fluorophenol	(1)	3.084(-0.001)	112	283336	133.921	67%		10 - 103
14) Phenol-d6	(1)	4.068(-0.001)	99	269429	96.996	48%		10 - 82
35) Nitrobenzene-d5	(2)	4.879(0.000)	82	242715	95.608	96%		51 - 123
66) 2-Fluorobiphenyl	(3)	6.441(0.000)	172	565681	87.896	88%		63 - 118
104) 2,4,6-Tribromophenol	(3)	7.622(0.000)	330	256398	211.190	106%		20 - 159
138) Terphenyl-d14	(5)	9.497(-0.001)	244	710261	84.825	85%		52 - 151

= RELATIVE RETENTION TIME OUT OF RANGE * = PERCENT REC.OUT OF RANGE D = DILUTED OUT NC = NOT ABLE TO CALCULATE

Target Compounds	I.S. Ref.	RT (+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit (ng/ul)
15) Phenol	(1)	4.080(-0.001)	94	75126	25.059	25.18			1.00
18) bis(2-Chloroethyl)ether	(1)	4.135(0.000)	93	119709	51.503	51.76			1.00
19) 2-Chlorophenol	(1)	4.148(-0.001)	128	117031	50.976	51.23			1.00
20) 1,3-Dichlorobenzene	(1)	4.283(-0.001)	146	107448	45.058	45.28			1.00
22) 1,4-Dichlorobenzene	(1)	4.363(-0.001)	146	118454	48.463	48.71			1.00
24) 1,2-Dichlorobenzene	(1)	4.498(-0.001)	146	111764	47.559	47.80			1.00
25) 2-Methylphenol	(1)	4.652(0.000)	108	106601	46.591	46.82			1.00
26) 2,2'-oxybis(1-Chloropropane)	(1)	4.658(-0.002)	45	111642	57.151	57.44			1.00
30) N-Nitroso-di-n-propylamine	(1)	4.775(-0.002)	70	87378	52.023	52.28			1.00
31) 4-Methylphenol	(1)	4.799(-0.002)	108	109546	42.548	42.76			2.00
34) Hexachloroethane	(1)	4.806(-0.002)	117	38965	44.124	44.35			1.00
36) Nitrobenzene	(2)	4.892(0.001)	77	126596	48.401	48.64			1.00
38) Isophorone	(2)	5.125(0.000)	82	234187	45.255	45.48			1.00
39) 2-Nitrophenol	(2)	5.181(0.000)	139	72074	53.411	53.68			1.00
40) 2,4-Dimethylphenol	(2)	5.267(0.000)	107	130854	50.215	50.47			3.00
42) bis(2-Chloroethoxy)methane	(2)	5.347(0.000)	93	159791	56.458	56.74			1.00
44) 2,4-Dichlorophenol	(2)	5.402(0.000)	162	111027	50.913	51.17			1.00
45) 1,2,4-Trichlorobenzene	(2)	5.463(0.000)	180	104710	47.840	48.08			1.00
47) Naphthalene	(2)	5.519(0.000)	128	383697	50.107	50.36			1.00
48) 4-Chloroaniline	(2)	5.593(0.000)	127	148661	46.350	46.58			1.00
51) Hexachlorobutadiene	(2)	5.642(0.000)	225	51311	47.219	47.46			1.00
55) 4-Chloro-3-methylphenol	(2)	6.048(0.000)	107	134752	55.349	55.63			1.00

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OS--3MS

Lancaster Labs
Quantitation Report GC/MS Semi-Volatiles

5136506

Data file: /chem/HP10623.i/07aug24a.b/ch0846.d Blank Data file reference:**/chem/HP10623.i/07aug24a.b/ch0824.d**
Injection date and time: 25-AUG-2007 04:37 Instrument ID: HP10623.i Batch: 07236WAB
Date, time and analyst ID of latest file update: 29-Aug-2007 20:03 lmh00956

Method used: /chem/HP10623.i/07aug24a.b/m8270.m Sublist used: **WTC8**
Calibration date and time (Last Method Edit): 29-AUG-2007 19:47
Mid Level Daily Calibration Standard Reference: /chem/HP10623.i/07aug24a.b/ch0821.d

Sample Concentration Formula: On-Column Amount * DF * Df * Vt/(Vo * Vi) Matrix: WATER GPC Cleanup: No

Dilution Factor (DF): 1 Unit Correction Factor (Uf): 1 Volume Injected (Vi): 1 ul
GPC Cleanup Factor (gpcf): 1 Sample Volume (Vo): 995.0 ml Final Extract Volume (Vt): 1000 ul

Target Compounds	I.S. Ref.	RT	(+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit (ng/ul)
58) 2-Methylnaphthalene	(2)	6.115	(0.000)	142	270127	50.408	50.66			1.00
61) Hexachlorocyclopentadiene	(3)	6.250	(0.000)	237	79836	87.405	87.84			5.00
64) 2,4,6-Trichlorophenol	(3)	6.373	(0.000)	196	82942	47.242	47.48			1.00
65) 2,4,5-Trichlorophenol	(3)	6.404	(0.000)	196	94450	47.166	47.40			1.00
71) 2-Chloronaphthalene	(3)	6.515	(0.001)	162	266489	35.908	36.09			2.00
74) 2-Nitroaniline	(3)	6.625	(0.000)	138	112313	52.986	53.25			1.00
77) Dimethylphthalate	(3)	6.798	(0.001)	163	234315	34.309	34.48			2.00
79) 2,6-Dinitrotoluene	(3)	6.841	(0.000)	165	84879	52.116	52.38			1.00
80) Acenaphthylene	(3)	6.853	(0.000)	152	469515	55.308	55.59			1.00
81) 3-Nitroaniline	(3)	6.964	(0.000)	138	93291	51.163	51.42			1.00
83) Acenaphthene	(3)	7.001	(0.000)	153	293342	49.623	49.87			1.00
84) 2,4-Dinitrophenol	(3)				Below MDL, Do not report					20.00
86) 4-Nitrophenol	(3)	7.142	(0.000)	109	18166	19.532	19.63			10.00
87) Dibenzofuran	(3)	7.142	(0.000)	168	407083	48.690	48.93			1.00
88) 2,4-Dinitrotoluene	(3)	7.167	(0.000)	165	111533	51.639	51.90			1.00
93) Diethylphthalate	(3)	7.382	(0.001)	149	342679	49.016	49.26			2.00
94) Fluorene	(3)	7.419	(0.000)	166	357556	51.402	51.66			1.00
96) 4-Chlorophenyl-phenylether	(3)	7.443	(0.000)	204	152331	49.877	50.13			2.00
98) 4-Nitroaniline	(3)	7.462	(0.001)	138	92254	46.769	47.00			1.00
99) 4,6-Dinitro-2-methylphenol	(4)	7.492	(0.000)	198	45126	39.662	39.86			5.00
102) N-Nitrosodiphenylamine	(4)	7.548	(0.000)	169	261663	49.941	50.19			2.00
110) 4-Bromophenyl-phenylether	(4)	7.837	(0.000)	248	95046	49.135	49.38			1.00
112) Hexachlorobenzene	(4)	7.861	(0.000)	284	117911	51.666	51.93			1.00
116) Pentachlorophenol	(4)	8.034	(0.001)	266	17041	13.077	13.14			3.00
121) Phenanthrene	(4)	8.193	(0.000)	178	544387	52.242	52.50			1.00
124) Anthracene	(4)	8.236	(0.000)	178	547517	50.747	51.00			1.00
125) Carbazole	(4)	8.384	(0.000)	167	533066	54.489	54.76			1.00
128) Di-n-butylphthalate	(4)	8.716	(0.000)	149	636793	52.107	52.37			2.00
134) Fluoranthene	(4)	9.153	(0.000)	202	559416	49.516	49.77			1.00
136) Pyrene	(5)	9.331	(-0.001)	202	605661	49.381	49.63			1.00
143) Butylbenzylphthalate	(5)	9.921	(-0.001)	149	291743	48.851	49.10			2.00
145) 3,3'-Dichlorobenzidine	(5)	10.309	(-0.001)	252	173214	40.122	40.32			2.00
146) Benzo(a)anthracene	(5)	10.302	(-0.001)	228	507295	48.560	48.80			1.00
150) Chrysene	(5)	10.333	(-0.001)	228	533192	50.281	50.53			1.00
151) bis(2-Ethylhexyl)phthalate	(5)	10.407	(-0.001)	149	410816	48.838	49.08			2.00
156) Di-n-octylphthalate	(6)	10.917	(0.000)	149	688785	54.881	55.16			2.00
158) Benzo(b)fluoranthene	(6)	11.132	(0.000)	252	579852	54.579	54.85			1.00
159) Benzo(k)fluoranthene	(6)	11.157	(0.000)	252	593506	54.201	54.47			1.00
160) Benzo(a)pyrene	(6)	11.372	(-0.001)	252	526619	52.129	52.39			1.00
168) Indeno(1,2,3-cd)pyrene	(6)	12.153	(0.000)	276	586479	47.761	48.00			1.00
169) Dibenz(a,h)anthracene	(6)	12.172	(-0.001)	278	504867	51.628	51.89			1.00

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OS--3MS

Lancaster Labs
Quantitation Report GC/MS Semi-Volatiles 5136506

Data file: /chem/HP10623.i/07aug24a.b/ch0846.d Blank Data file reference:**/chem/HP10623.i/07aug24a.b/ch0824.d**
Injection date and time: 25-AUG-2007 04:37 Instrument ID: HP10623.i Batch: 07236WAB
Date, time and analyst ID of latest file update: 29-Aug-2007 20:03 lmh00956

Method used: /chem/HP10623.i/07aug24a.b/m8270.m Sublist used: **WTC8**
Calibration date and time (Last Method Edit): 29-AUG-2007 19:47
Mid Level Daily Calibration Standard Reference: /chem/HP10623.i/07aug24a.b/ch0821.d

Sample Concentration Formula: On-Column Amount * DF * Uf * Vt/(Vo * Vi) Matrix: WATER GPC Cleanup: No

Dilution Factor (DF): 1 Unit Correction Factor (Uf): 1 Volume Injected (Vi): 1 ul
GPC Cleanup Factor (gpcf): 1 Sample Volume (Vo): 995.0 ml Final Extract Volume (Vt): 1000 ul

Target Compounds	I.S. Ref.	RT	(+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit (ng/ul)
170) Benzo(g,h,i)perylene	(6)	12.338	(-0.001)	276	498144	47.933	48.17			1.00

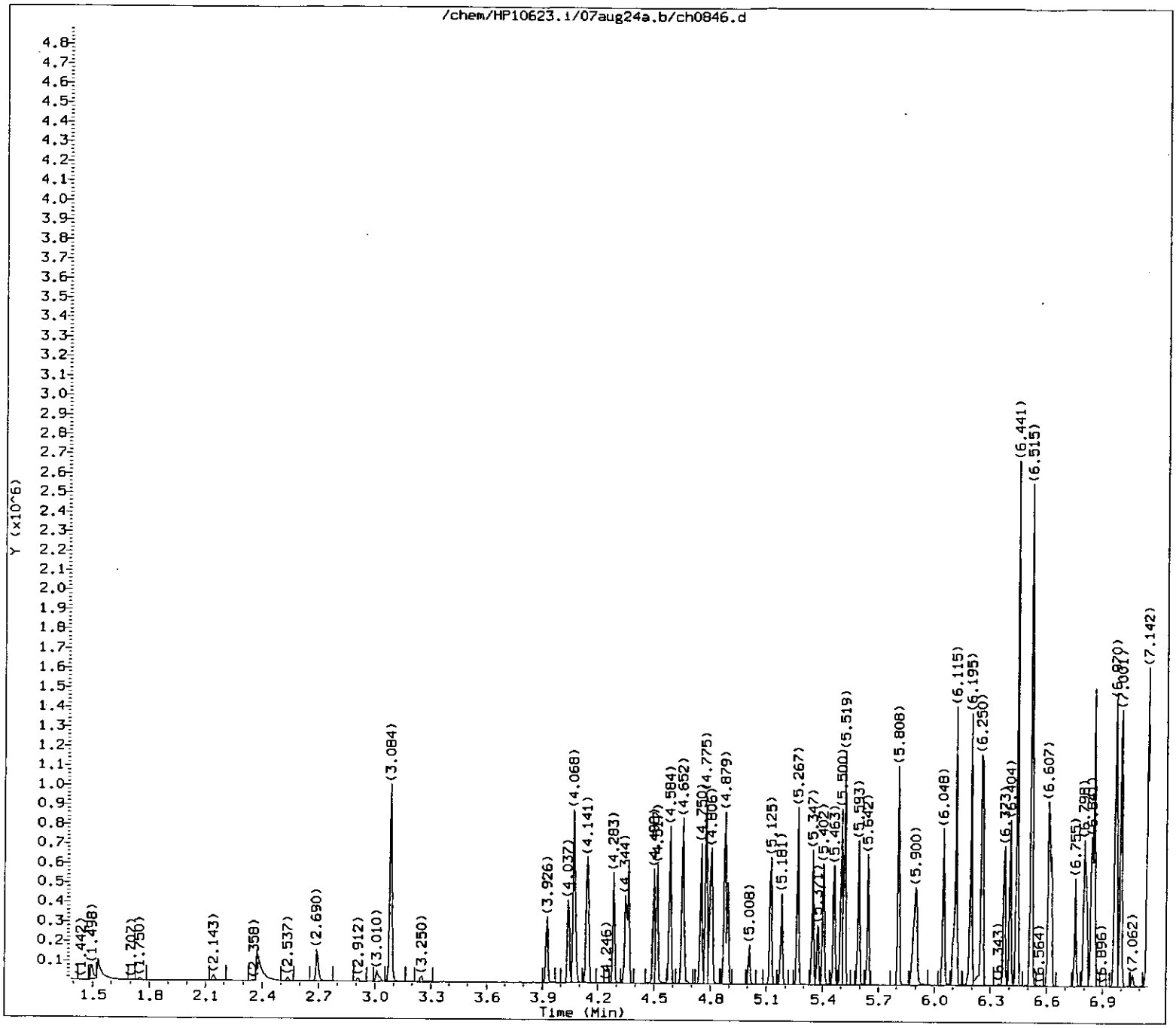
E = CONC. OUT OF CAL. RANGE # = RELATIVE RETENTION TIME OUT OF RANGE

Total number of targets = 64

Comments:

Analyst: Michelle Smith Date: 08/29/07
Auditor: Date: 8/31/07

0812



Quant Report

Target Revision 3.5

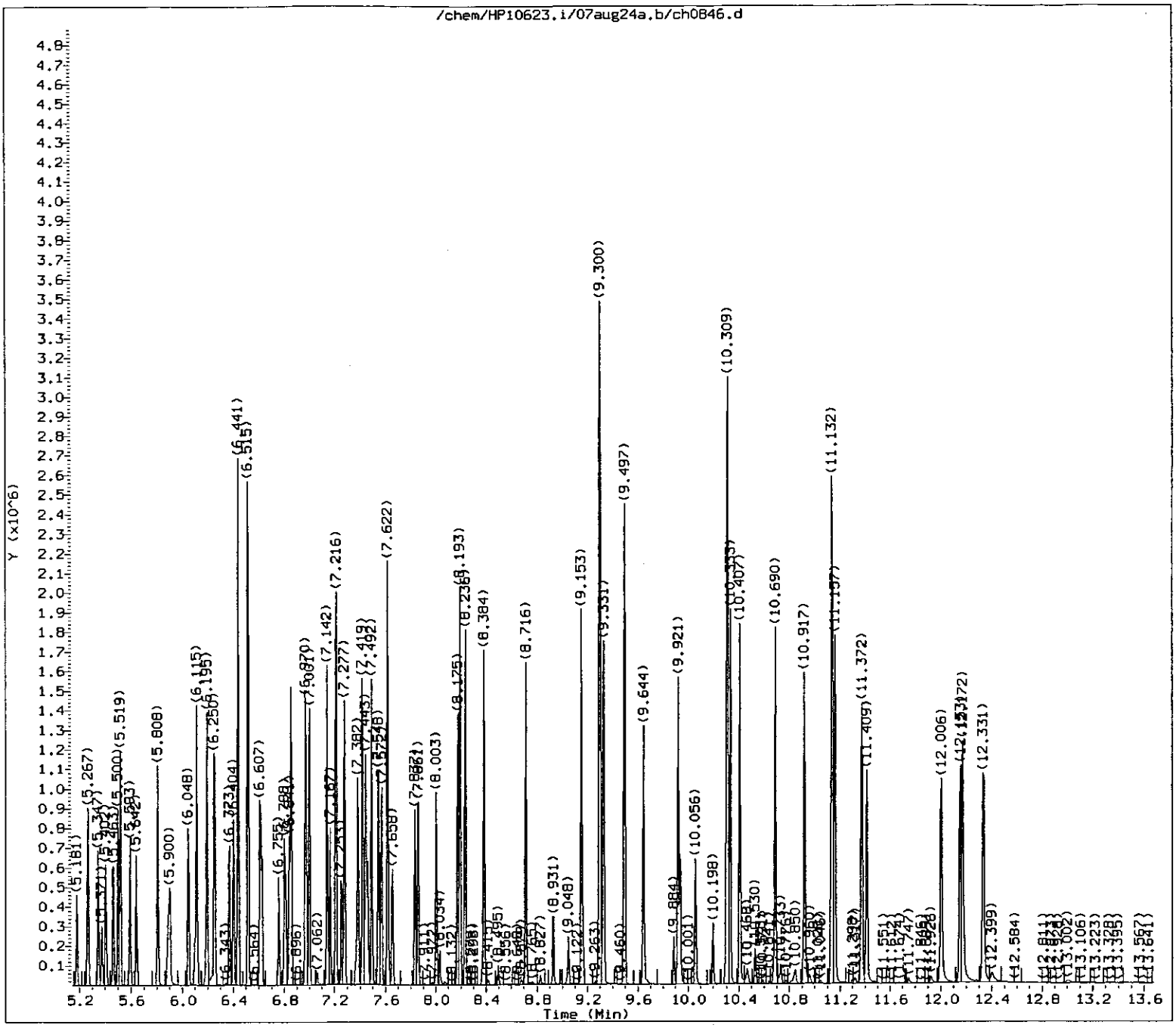
Data File: /chem/HP10623.i/07aug24a.b/ch0846.d Instrument ID: HP10623.i
Injection date and time: 25-AUG-2007 04:37 Analyst ID: lmh00956

Method used: /chem/HP10623.i/07aug24a.b/m8270.m Sublist used: WTC8
Calibration date and time: 27-AUG-2007 19:42
Date, time and analyst ID of latest file update: 27-Aug-2007 22:58 lmh00956

Sample Name: OS--3MS Lab Sample ID: 5136506

0813

08/27/07



Quant Report

Target Revision 3.5

Data File: /chem/HP10623.i/07aug24a.b/ch0846.d Instrument ID: HP10623.i
Injection date and time: 25-AUG-2007 04:37 Analyst ID: lmh00956

Method used: /chem/HP10623.i/07aug24a.b/m8270.m Sublist used: WTC8
Calibration date and time: 27-AUG-2007 19:42
Date, time and analyst ID of latest file update: 27-Aug-2007 22:58 lmh00956

Sample Name: OS--3MS Lab Sample ID: 5136506

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lmh195 08/27/07

Quant Report

Target Revision 3.5

Data File: /chem/HP10623.i/07aug24a.b/ch0846.d Instrument ID: HP10623.i
Injection date and time: 25-AUG-2007 04:37 Analyst ID: lmh00956

Method used: /chem/HP10623.i/07aug24a.b/m8270.m Sublist used: WTC8
Calibration date and time: 27-AUG-2007 19:42
Date, time and analyst ID of latest file update: 27-Aug-2007 22:58 lmh00956

Sample Name: OS--3MS Lab Sample ID: 5136506

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
15) Phenol	(1)	4.080	94	75126	25.0591
18) bis(2-Chloroethyl)ether	(1)	4.135	93	119709	51.5028
19) 2-Chlorophenol	(1)	4.148	128	117031	50.9763
20) 1,3-Dichlorobenzene	(1)	4.283	146	107448	45.0577
21) 1,4-Dichlorobenzene-d4	(1)	4.344	152	60179	40.0000
22) 1,4-Dichlorobenzene	(1)	4.363	146	118454	48.4634
24) 1,2-Dichlorobenzene	(1)	4.498	146	111764	47.5587
25) 2-Methylphenol	(1)	4.652	108	106601	46.5907
26) 2,2'-oxybis(1-Chloropropane)	(1)	4.658	45	111642	57.1508
30) N-Nitroso-di-n-propylamine	(1)	4.775	70	87378	52.0231
31) 4-Methylphenol	(1)	4.799	108	109546	42.5475
34) Hexachloroethane	(1)	4.806	117	38965	44.1241
36) Nitrobenzene	(2)	4.892	77	126596	48.4013
38) Isophorone	(2)	5.125	82	234187	45.2549
39) 2-Nitrophenol	(2)	5.181	139	72074	53.4108
40) 2,4-Dimethylphenol	(2)	5.267	107	130854	50.2149
42) bis(2-Chloroethoxy)methane	(2)	5.347	93	159791	56.4585
44) 2,4-Dichlorophenol	(2)	5.402	162	111027	50.9132
45) 1,2,4-Trichlorobenzene	(2)	5.463	180	104710	47.8396
46) Naphthalene-d8	(2)	5.500	136	292112	40.0000
47) Naphthalene	(2)	5.519	128	383697	50.1068
48) 4-Chloroaniline	(2)	5.593	127	148661	46.3504
51) Hexachlorobutadiene	(2)	5.642	225	51311	47.2191
55) 4-Chloro-3-methylphenol	(2)	6.048	107	134752	55.3493
58) 2-Methylnaphthalene	(2)	6.115	142	270127	50.4078
61) Hexachlorocyclopentadiene	(3)	6.250	237	79836	87.4047
64) 2,4,6-Trichlorophenol	(3)	6.373	196	82942	47.2419
65) 2,4,5-Trichlorophenol	(3)	6.404	196	94450	47.1663
71) 2-Chloronaphthalene	(3)	6.515	162	266489	35.9079
74) 2-Nitroaniline	(3)	6.625	138	112313	52.9859
77) Dimethylphthalate	(3)	6.798	163	234315	34.3088
79) 2,6-Dinitrotoluene	(3)	6.841	165	84879	52.1159
80) Acenaphthylene	(3)	6.853	152	469515	55.3080
81) 3-Nitroaniline	(3)	6.964	138	93291	51.1632
82) Acenaphthene-d10	(3)	6.970	164	207503	40.0000
83) Acenaphthene	(3)	7.001	153	293342	49.6234
86) 4-Nitrophenol	(3)	7.142	109	18166	19.5325
87) Dibenzofuran	(3)	7.142	168	407083	48.6899
88) 2,4-Dinitrotoluene	(3)	7.167	165	111533	51.6386
93) Diethylphthalate	(3)	7.382	149	342679	49.0158
94) Fluorene	(3)	7.419	166	357556	51.4018
96) 4-Chlorophenyl-phenylether	(3)	7.443	204	152331	49.8767

M = Compound was manually integrated. A = User selected an alternate hit

Quant Report

Target Revision 3.5

Data File: /chem/HP10623.i/07aug24a.b/ch0846.d Instrument ID: HP10623.i
Injection date and time: 25-AUG-2007 04:37 Analyst ID: lmh00956

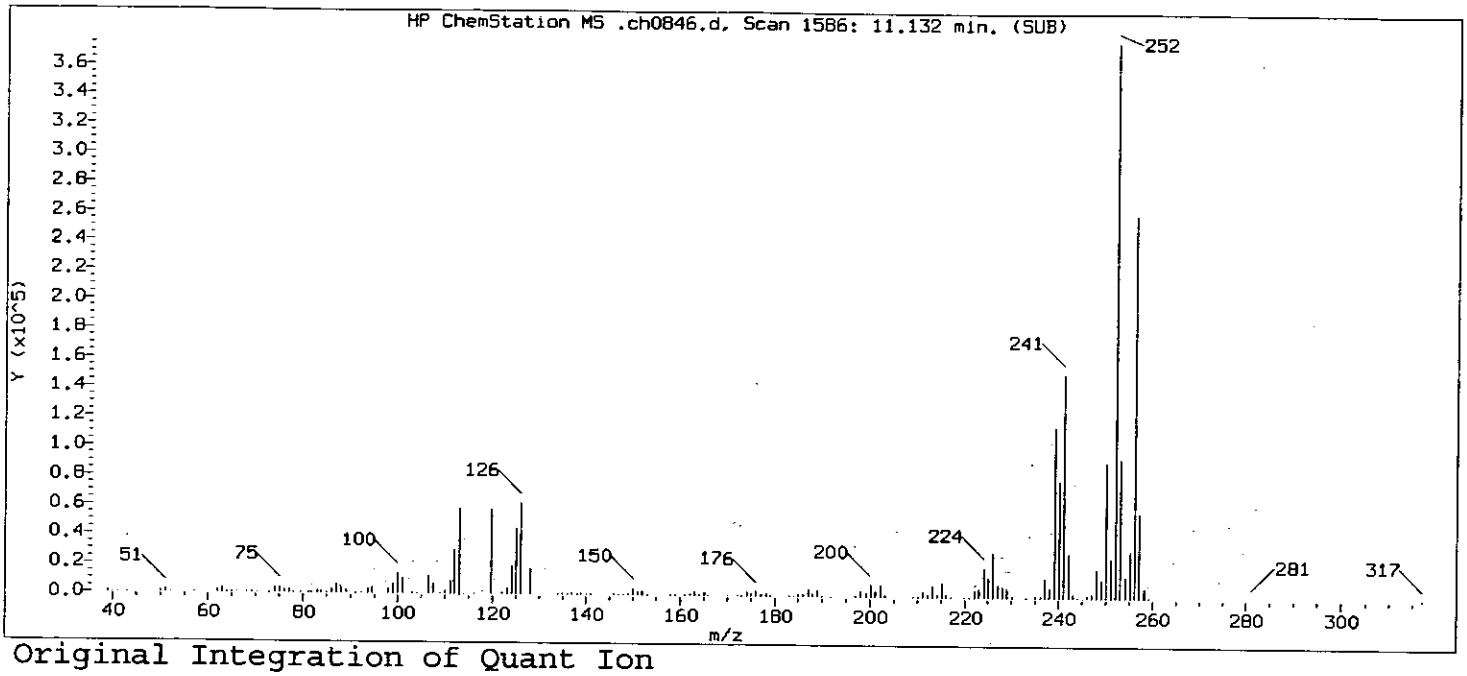
Method used: /chem/HP10623.i/07aug24a.b/m8270.m Sublist used: WTC8
Calibration date and time: 27-AUG-2007 19:42
Date, time and analyst ID of latest file update: 27-Aug-2007 22:58 lmh00956

Sample Name: OS--3MS Lab Sample ID: 5136506

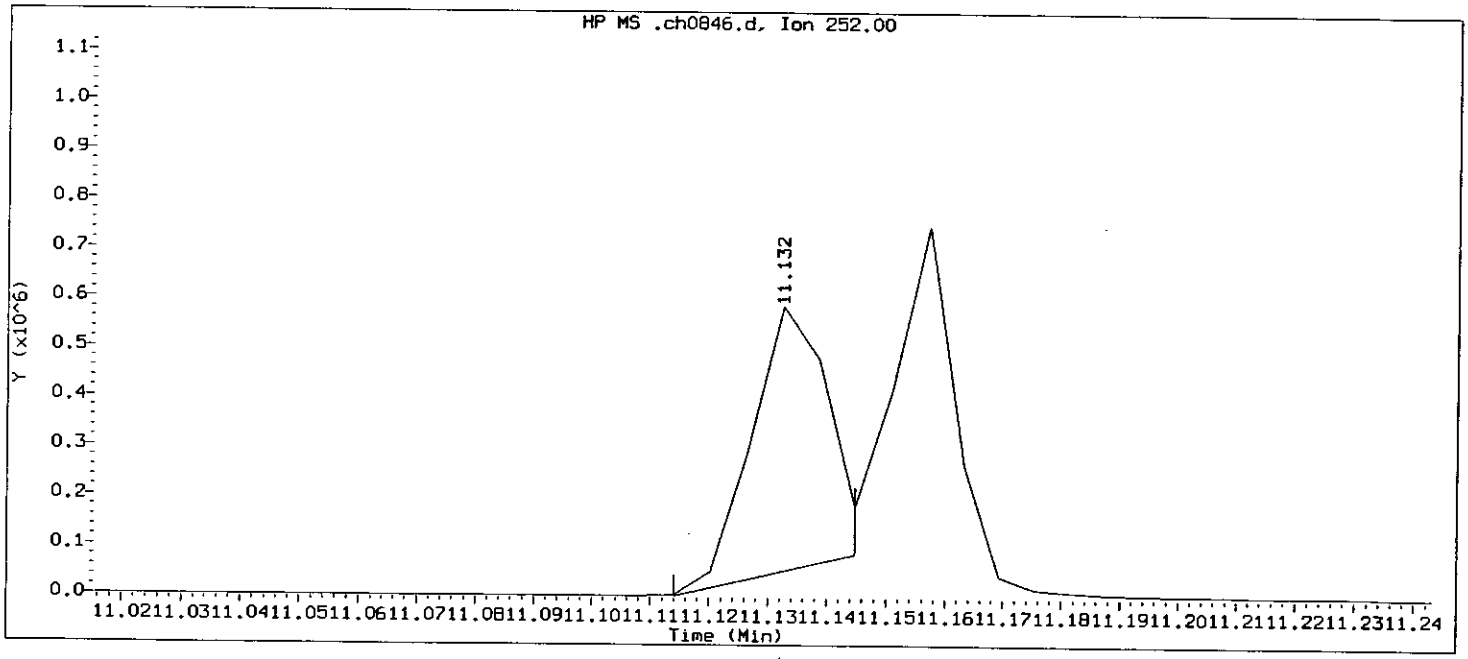
	Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
98)	4-Nitroaniline	(3)	7.462	138	92254	46.7692
99)	4,6-Dinitro-2-methylphenol	(4)	7.492	198	45126	39.6621
102)	N-Nitrosodiphenylamine	(4)	7.548	169	261663	49.9410
110)	4-Bromophenyl-phenylether	(4)	7.837	248	95046	49.1347
112)	Hexachlorobenzene	(4)	7.861	284	117911	51.6663
116)	Pentachlorophenol	(4)	8.034	266	17041	13.0770
120)	Phenanthrene-d10	(4)	8.175	188	390784	40.0000
121)	Phenanthrene	(4)	8.193	178	544387	52.2419
124)	Anthracene	(4)	8.236	178	547517	50.7475
125)	Carbazole	(4)	8.384	167	533066	54.4888
128)	Di-n-butylphthalate	(4)	8.716	149	636793	52.1072
134)	Fluoranthene	(4)	9.153	202	559416	49.5162
136)	Pyrene	(5)	9.331	202	605661	49.3811
143)	Butylbenzylphthalate	(5)	9.921	149	291743	48.8506
145)	3,3'-Dichlorobenzidine	(5)	10.309	252	173214	40.1218
146)	Benzo(a)anthracene	(5)	10.302	228	507295	48.5602
149)	Chrysene-d12	(5)	10.309	240	371461	40.0000
150)	Chrysene	(5)	10.333	228	533192	50.2808
151)	bis(2-Ethylhexyl)phthalate	(5)	10.407	149	410816	48.8383
156)	Di-n-octylphthalate	(6)	10.917	149	688785	54.8806
158)	Benzo(b)fluoranthene	(6)	11.132	252	579852M	54.5786
159)	Benzo(k)fluoranthene	(6)	11.157	252	593506	54.2008
160)	Benzo(a)pyrene	(6)	11.372	252	526619	52.1289
161)	Perylene-d12	(6)	11.409	264	317523	40.0000
168)	Indeno(1,2,3-cd)pyrene	(6)	12.153	276	586479	47.7614
169)	Dibenz(a,h)anthracene	(6)	12.172	278	504867	51.6277
170)	Benzo(g,h,i)perylene	(6)	12.338	276	498144	47.9334
9)	2-Fluorophenol	(1)	3.084	112	283336	133.9208
14)	Phenol-d6	(1)	4.068	99	269429	96.9962
35)	Nitrobenzene-d5	(2)	4.879	82	242715	95.6078
66)	2-Fluorobiphenyl	(3)	6.441	172	565681	87.8955
104)	2,4,6-Tribromophenol	(3)	7.622	330	256398	211.1901
138)	Terphenyl-d14	(5)	9.497	244	710261	84.8245

M = Compound was manually integrated. A = User selected an alternate hit

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP10623.i/07aug24a.b/ch0846.d Instrument ID: HP10623.i
Injection date and time: 25-AUG-2007 04:37 Analyst ID: lmh00956

Method used: /chem/HP10623.i/07aug24a.b/m8270.m Sublist used: all1
Calibration date and time: 24-AUG-2007 20:30
Date, time and analyst ID of latest file update: 25-Aug-2007 04:52 Automation

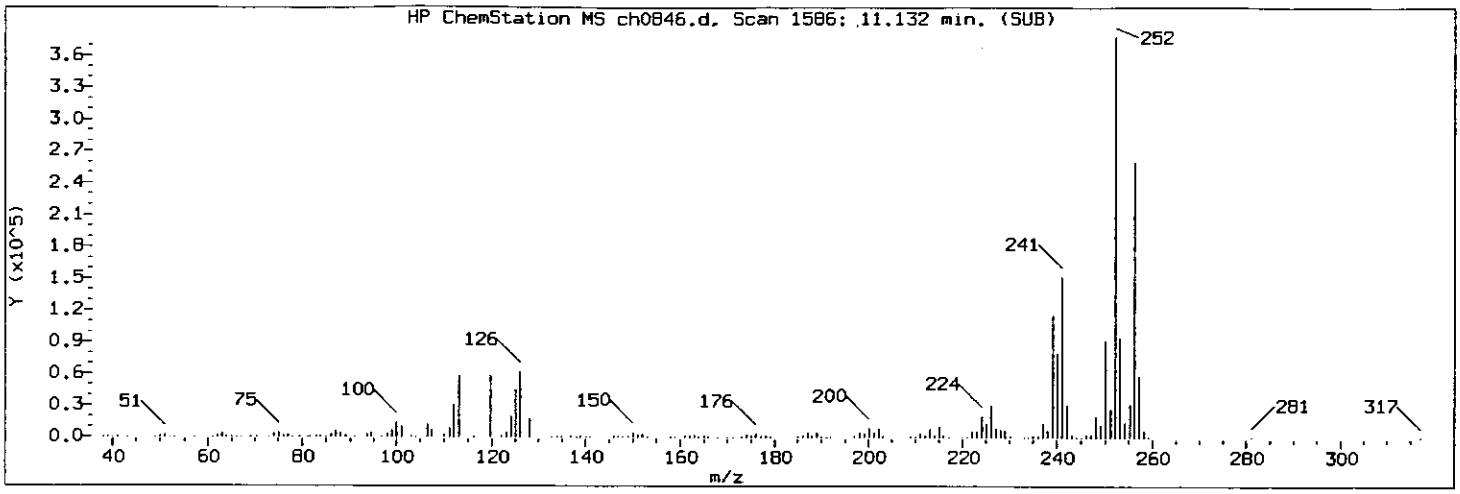
Sample Name: OS--3MS Lab Sample ID: 5136506

Compound Number	:	158
Compound Name	:	Benzo(b)fluoranthene
Scan Number	:	1586
Retention Time (minutes)	:	11.132
Quant Ion	:	252
Area	:	472481
Concentration (ng/ul)	:	44.4722
Integration start scan	:	1582 Integration stop scan: 1587
Y at integration start	:	0 Y at integration end: 84168

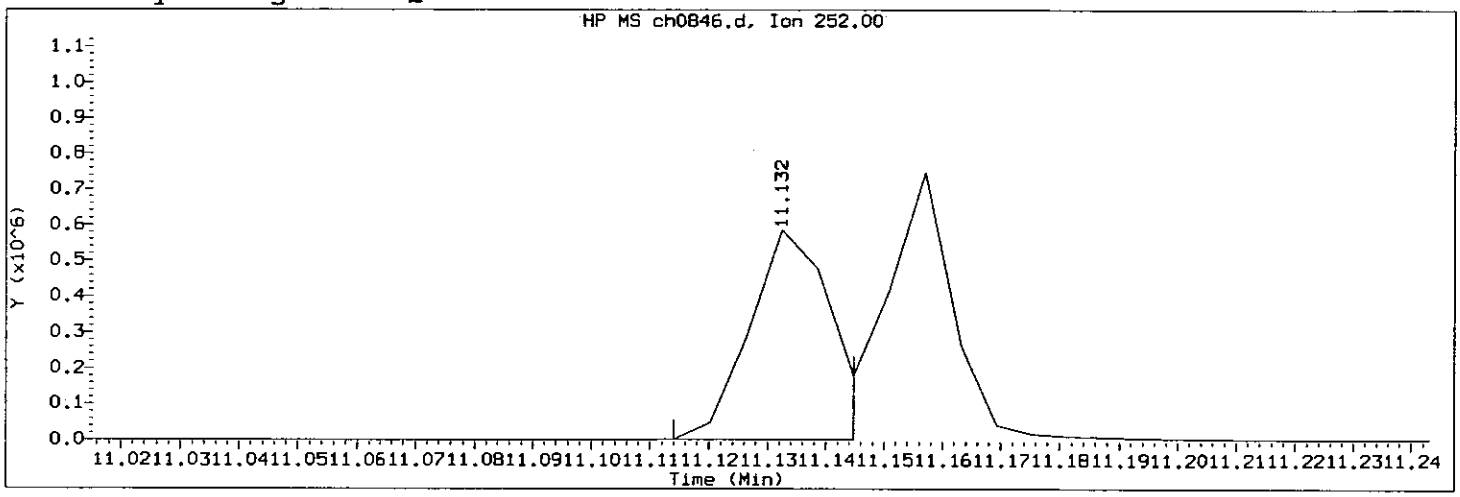
lmh 8/27/07 0817

Original Integration Report for data file /chem/HP10623.i/07aug24a.b/ch0846.d, generated on 08/27/2007 at 22:58

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP10623.i/07aug24a.b/ch0846.d Instrument ID: HP10623.i
Injection date and time: 25-AUG-2007 04:37 Analyst ID: lmh00956

Method used: /chem/HP10623.i/07aug24a.b/m8270.m Sublist used: WTC8
Calibration date and time: 27-AUG-2007 19:42
Date, time and analyst ID of latest file update: 27-Aug-2007 22:58 lmh00956

Sample Name: OS--3MS Lab Sample ID: 5136506

Compound Number	: 158	
Compound Name	: Benzo(b)fluoranthene	
Scan Number	: 1586	
Retention Time (minutes)	: 11.132	
Quant Ion	: 252	
Area (flag)	: 579852	M
Concentration (ng/ul)	: 54.5786	
Integration start scan	: 1582	Integration stop scan: 1587
Y at integration start	: 1725	Y at integration end: 1725

Reason for manual integration (circle one): missed peak improper integration

Analyst responsible for change: lmh1758 08/27/07

GC/MS audit/management approval: mp1758 8/29/07

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

OS--3MSD

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 5136507

Sample wt/vol: 978 (g/mL) ML Lab File ID: ch0847.d

Level: (low/med) LOW Date Received: 08/23/07

% Moisture: not dec: dec: Date Extracted: 08/24/07

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/25/07

Injection Volume: 1 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Extraction: Sepf

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	LOQ	UG/L	Q
108-95-2	Phenol			24	
111-44-4	bis(2-Chloroethyl)ether			50	
95-57-8	2-Chlorophenol			50	
541-73-1	1,3-Dichlorobenzene			46	
106-46-7	1,4-Dichlorobenzene			49	
95-50-1	1,2-Dichlorobenzene			46	
95-48-7	2-Methylphenol			46	
108-60-1	2,2'-oxybis(1-Chloropropane)			56	
621-64-7	N-Nitroso-di-n-propylamine			50	
106-44-5	4-Methylphenol			39	
67-72-1	Hexachloroethane			46	
98-95-3	Nitrobenzene			48	
78-59-1	Isophorone			43	
88-75-5	2-Nitrophenol			53	
105-67-9	2,4-Dimethylphenol			48	
111-91-1	bis(2-Chloroethoxy)methane			56	
120-83-2	2,4-Dichlorophenol			49	
120-82-1	1,2,4-Trichlorobenzene			49	
91-20-3	Naphthalene			49	
106-47-8	4-Chloroaniline			40	
87-68-3	Hexachlorobutadiene			50	
59-50-7	4-Chloro-3-methylphenol			50	
91-57-6	2-Methylnaphthalene			48	
77-47-4	Hexachlorocyclopentadiene			98	
88-06-2	2,4,6-Trichlorophenol			48	
95-95-4	2,4,5-Trichlorophenol			48	
91-58-7	2-Chloronaphthalene			37	
88-74-4	2-Nitroaniline			52	
131-11-3	Dimethylphthalate			34	
606-20-2	2,6-Dinitrotoluene			53	

0819

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

OS--3MSD

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 5136507

Sample wt/vol: 978 (g/mL)ML Lab File ID: ch0847.d

Level: (low/med) LOW Date Received: 08/23/07

% Moisture: not dec: dec: Date Extracted: 08/24/07

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/25/07

Injection Volume: 1 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Extraction: Sepf

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) LOQ UG/L	Q
208-96-8	Acenaphthylene	56	
99-09-2	3-Nitroaniline	49	
83-32-9	Acenaphthene	51	
51-28-5	2,4-Dinitrophenol	61	U
100-02-7	4-Nitrophenol	18	J
132-64-9	Dibenzofuran	50	
121-14-2	2,4-Dinitrotoluene	51	
84-66-2	Diethylphthalate	48	
86-73-7	Fluorene	51	
7005-72-3	4-Chlorophenyl-phenylether	50	
100-01-6	4-Nitroaniline	44	
534-52-1	4,6-Dinitro-2-methylphenol	38	
86-30-6	N-Nitrosodiphenylamine	50	
101-55-3	4-Bromophenyl-phenylether	52	
118-74-1	Hexachlorobenzene	52	
87-86-5	Pentachlorophenol	10	J
85-01-8	Phenanthrene	51	
120-12-7	Anthracene	51	
86-74-8	Carbazole	53	
84-74-2	Di-n-butylphthalate	51	
206-44-0	Fluoranthene	47	
129-00-0	Pyrene	52	
85-68-7	Butylbenzylphthalate	51	
91-94-1	3,3'-Dichlorobenzidine	38	
56-55-3	Benzo(a)anthracene	49	
218-01-9	Chrysene	50	
117-81-7	bis(2-Ethylhexyl)phthalate	50	
117-84-0	Di-n-octylphthalate	55	
205-99-2	Benzo(b)fluoranthene	56	
207-08-9	Benzo(k)fluoranthene	52	

6829

1C cont

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

OS--3MSD

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 5136507

Sample wt/vol: 978 (g/mL)ML Lab File ID: ch0847.d

Level: (low/med) LOW Date Received: 08/23/07

% Moisture: not dec: dec: Date Extracted: 08/24/07

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/25/07

Injection Volume: 1 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Extraction: Sepf

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	LOQ	UG/L	Q
50-32-8	Benzo(a)pyrene			52	
193-39-5	Indeno(1,2,3-cd)pyrene			50	
53-70-3	Dibenz(a,h)anthracene			53	
191-24-2	Benzo(g,h,i)perylene			51	

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OS--3MSD

Lancaster Labs
Quantitation Report GC/MS Semi-Volatiles

5136507

Data file: /chem/HP10623.i/07aug24a.b/ch0847.d Blank Data file reference:**/chem/HP10623.i/07aug24a.b/ch0824.d**
Injection date and time: 25-AUG-2007 04:58 Instrument ID: HP10623.i Batch: 07236WAB
Date, time and analyst ID of latest file update: 29-Aug-2007 20:03 lmh00956

Method used: /chem/HP10623.i/07aug24a.b/m8270.m Sublist used: **WTC8**
Calibration date and time (Last Method Edit): 29-AUG-2007 19:47
Mid Level Daily Calibration Standard Reference: /chem/HP10623.i/07aug24a.b/ch0821.d

Sample Concentration Formula: On-Column Amount * DF * Uf * Vt/(Vo * Vi) Matrix: WATER GPC Cleanup: No

Dilution Factor (DF): 1 Unit Correction Factor (Uf): 1 Volume Injected (Vi): 1 ul
GPC Cleanup Factor (gpcf): 1 Sample Volume (Vo): 978.0 ml Final Extract Volume (Vt): 1000 ul

Internal Standards	RT	(+/-RT)	Scan	QIon	Area	(+/- %Area)	Conc (ng/ul)	QC Flag
21) 1,4-Dichlorobenzene-d4	4.344	(0.006)	482	152.0	68502	(17)	40.00	
46) Naphthalene-d8	5.500	(0.000)	670	136.0	318112	(10)	40.00	
82) Acenaphthene-d10	6.970	(0.000)	909	164.0	203660	(2)	40.00	
120) Phenanthrene-d10	8.175	(0.000)	1105	188.0	372265	(-6)	40.00	
149) Chrysene-d12	10.308	(0.006)	1452	240.0	313592	(-21)	40.00	
161) Perylene-d12	11.409	(0.006)	1631	264.0	267113	(-29)	40.00	

= RETENTION TIME OUT OF RANGE * = INTERNAL STANDARD OUT OF RANGE NC = NOT ABLE TO CALCULATE

Surrogate Standards	I.S. Ref.	RT	(+/-RRT)	QIon	Area	Conc. (on column)	%Rec.	QC flags	QC Limits
9) 2-Fluorophenol	(1)	3.084	(-0.001)	112	308778	128.214	64%		10 - 103
14) Phenol-d6	(1)	4.067	(-0.001)	99	287642	90.971	45%		10 - 82
35) Nitrobenzene-d5	(2)	4.879	(0.000)	82	257559	93.163	93%		51 - 123
66) 2-Fluorobiphenyl	(3)	6.441	(0.000)	172	576690	91.297	91%		63 - 118
104) 2,4,6-Tribromophenol	(3)	7.621	(0.000)	330	232816	195.385	98%		20 - 159
138) Terphenyl-d14	(5)	9.491	(-0.001)	244	619529	87.642	88%		52 - 151

= RELATIVE RETENTION TIME OUT OF RANGE * = PERCENT REC.OUT OF RANGE D = DILUTED OUT NC = NOT ABLE TO CALCULATE

Target Compounds	I.S. Ref.	RT	(+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit (ng/ul)
15) Phenol	(1)	4.080	(-0.001)	94	81652	23.927	24.46			1.00
18) bis(2-Chloroethyl)ether	(1)	4.135	(0.000)	93	129948	49.115	50.22			1.00
19) 2-Chlorophenol	(1)	4.147	(-0.001)	128	127258	48.696	49.79			1.00
20) 1,3-Dichlorobenzene	(1)	4.283	(-0.001)	146	123360	45.445	46.47			1.00
22) 1,4-Dichlorobenzene	(1)	4.363	(-0.001)	146	132651	47.678	48.75			1.00
24) 1,2-Dichlorobenzene	(1)	4.498	(-0.001)	146	121277	45.337	46.36			1.00
25) 2-Methylphenol	(1)	4.652	(0.000)	108	116211	44.620	45.62			1.00
26) 2,2'-oxybis(1-Chloropropane)	(1)	4.658	(-0.002)	45	121385	54.589	55.82			1.00
30) N-Nitroso-di-n-propylamine	(1)	4.775	(-0.002)	70	93847	49.086	50.19			1.00
31) 4-Methylphenol	(1)	4.799	(-0.002)	108	112299	38.317	39.18			2.00
34) Hexachloroethane	(1)	4.805	(-0.002)	117	45550	45.314	46.33			1.00
36) Nitrobenzene	(2)	4.891	(0.001)	77	134478	47.213	48.27			1.00
38) Isophorone	(2)	5.125	(0.000)	82	238097	42.250	43.20			1.00
39) 2-Nitrophenol	(2)	5.180	(0.000)	139	75983	51.705	52.87			1.00
40) 2,4-Dimethylphenol	(2)	5.266	(0.000)	107	132609	46.729	47.78			3.00
42) bis(2-Chloroethoxy)methane	(2)	5.346	(0.000)	93	170018	55.162	56.40			1.00
44) 2,4-Dichlorophenol	(2)	5.402	(0.000)	162	113878	47.952	49.03			1.00
45) 1,2,4-Trichlorobenzene	(2)	5.463	(0.000)	180	113658	47.684	48.76			1.00
47) Naphthalene	(2)	5.519	(0.000)	128	401939	48.199	49.28			1.00
48) 4-Chloroaniline	(2)	5.592	(0.000)	127	137049	39.237	40.12			1.00
51) Hexachlorobutadiene	(2)	5.641	(0.000)	225	58010	49.021	50.12			1.00
55) 4-Chloro-3-methylphenol	(2)	6.047	(0.000)	107	130428	49.195	50.30			1.00

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OS--3MSD

Lancaster Labs
Quantitation Report GC/MS Semi-Volatiles

5136507

Data file: /chem/HP10623.i/07aug24a.b/ch0847.d Blank Data file reference:**/chem/HP10623.i/07aug24a.b/ch0824.d**
Injection date and time: 25-AUG-2007 04:58 Instrument ID: HP10623.i Batch: 07236WAB
Date, time and analyst ID of latest file update: 29-Aug-2007 20:03 lmh00956

Method used: /chem/HP10623.i/07aug24a.b/m8270.m Sublist used: **WTC8**
Calibration date and time (Last Method Edit): 29-AUG-2007 19:47
Mid Level Daily Calibration Standard Reference: /chem/HP10623.i/07aug24a.b/ch0821.d

Sample Concentration Formula: On-Column Amount * DF * Uf * Vt/(Vo * Vi) Matrix: WATER GPC Cleanup: No

Dilution Factor (DF): 1 Unit Correction Factor (Uf): 1 Volume Injected (Vi): 1 ul
GPC Cleanup Factor (gpcf): 1 Sample Volume (Vo): 978.0 ml Final Extract Volume (Vt): 1000 ul

Target Compounds	I.S. Ref.	RT	(+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit (ng/ul)
58) 2-Methylnaphthalene	(2)	6.115	(0.000)	142	275874	47.273	48.34			1.00
61) Hexachlorocyclopentadiene	(3)	6.250	(0.000)	237	86943	95.885	98.04			5.00
64) 2,4,6-Trichlorophenol	(3)	6.373	(0.000)	196	80266	46.580	47.63			1.00
65) 2,4,5-Trichlorophenol	(3)	6.404	(0.000)	196	92102	46.862	47.92			1.00
71) 2-Chloronaphthalene	(3)	6.515	(0.001)	162	264035	36.249	37.06			2.00
74) 2-Nitroaniline	(3)	6.625	(0.000)	138	105456	50.690	51.83			1.00
77) Dimethylphthalate	(3)	6.797	(0.001)	163	225326	33.615	34.37			2.00
79) 2,6-Dinitrotoluene	(3)	6.840	(0.000)	165	82103	51.363	52.52			1.00
80) Acenaphthylene	(3)	6.853	(0.000)	152	456603	54.802	56.03			1.00
81) 3-Nitroaniline	(3)	6.963	(0.000)	138	86148	48.137	49.22			1.00
83) Acenaphthene	(3)	7.000	(0.000)	153	289612	49.917	51.04			1.00
84) 2,4-Dinitrophenol	(3)				Below MDL, Do not report					20.00
86) 4-Nitrophenol	(3)	7.142	(0.000)	109	16415	17.983	18.39			10.00
87) Dibenzofuran	(3)	7.142	(0.000)	168	401517	48.930	50.03			1.00
88) 2,4-Dinitrotoluene	(3)	7.166	(0.000)	165	105308	49.677	50.79			1.00
93) Diethylphthalate	(3)	7.382	(0.001)	149	322779	47.041	48.10			2.00
94) Fluorene	(3)	7.418	(0.000)	166	337622	49.452	50.56			1.00
96) 4-Chlorophenyl-phenylether	(3)	7.443	(0.000)	204	148039	49.386	50.50			2.00
98) 4-Nitroaniline	(3)	7.462	(0.001)	138	82836	42.787	43.75			1.00
99) 4,6-Dinitro-2-methylphenol	(4)	7.492	(0.000)	198	40217	37.106	37.94			5.00
102) N-Nitrosodiphenylamine	(4)	7.541	(0.001)	169	246036	49.294	50.40			2.00
110) 4-Bromophenyl-phenylether	(4)	7.837	(0.000)	248	92884	50.406	51.54			1.00
112) Hexachlorobenzene	(4)	7.861	(0.000)	284	110940	51.030	52.18			1.00
116) Pentachlorophenol	(4)	8.033	(0.001)	266	12103	9.750	9.97			3.00
121) Phenanthrene	(4)	8.193	(0.000)	178	498069	50.175	51.30			1.00
124) Anthracene	(4)	8.236	(0.000)	178	508487	49.474	50.59			1.00
125) Carbazole	(4)	8.384	(0.000)	167	479896	51.494	52.65			1.00
128) Di-n-butylphthalate	(4)	8.716	(0.000)	149	586205	50.354	51.49			2.00
134) Fluoranthene	(4)	9.152	(0.000)	202	491304	45.651	46.68			1.00
136) Pyrene	(5)	9.331	(-0.001)	202	524615	50.666	51.81			1.00
143) Butylbenzylphthalate	(5)	9.921	(-0.001)	149	251346	49.853	50.97			2.00
145) 3,3'-Dichlorobenzidine	(5)	10.308	(-0.001)	252	136417	37.429	38.27			2.00
146) Benzo(a)anthracene	(5)	10.302	(-0.001)	228	425790	48.280	49.37			1.00
150) Chrysene	(5)	10.333	(-0.001)	228	438431	48.974	50.08			1.00
151) bis(2-Ethylhexyl)phthalate	(5)	10.407	(-0.001)	149	350287	49.327	50.44			2.00
156) Di-n-octylphthalate	(6)	10.917	(0.000)	149	563479	53.369	54.57			2.00
158) Benzo(b)fluoranthene	(6)	11.132	(0.000)	252	485640	54.338	55.56			1.00
159) Benzo(k)fluoranthene	(6)	11.157	(0.000)	252	470058	51.028	52.18			1.00
160) Benzo(a)pyrene	(6)	11.366	(0.000)	252	432735	50.919	52.06			1.00
168) Indeno(1,2,3-cd)pyrene	(6)	12.153	(0.000)	276	505636	48.949	50.05			1.00
169) Dibenz(a,h)anthracene	(6)	12.171	(-0.001)	278	430307	52.308	53.48			1.00

8823

OS--3MSD

Lancaster Labs
Quantitation Report GC/MS Semi-Volatiles

5136507

Data file: /chem/HP10623.i/07aug24a.b/ch0847.d Blank Data file reference:**/chem/HP10623.i/07aug24a.b/ch0824.d**
Injection date and time: 25-AUG-2007 04:58 Instrument ID: HP10623.i Batch: 07236WAB
Date, time and analyst ID of latest file update: 29-Aug-2007 20:03 lmh00956

Method used: /chem/HP10623.i/07aug24a.b/m8270.m Sublist used: **WTC8**
Calibration date and time (Last Method Edit): 29-AUG-2007 19:47
Mid Level Daily Calibration Standard Reference: /chem/HP10623.i/07aug24a.b/ch0821.d

Sample Concentration Formula: On-Column Amount * DF * Uf * Vt/(Vo * Vi) Matrix: WATER GPC Cleanup: No

Dilution Factor (DF): 1 Unit Correction Factor (Uf): 1 Volume Injected (Vi): 1 ul
GPC Cleanup Factor (gpcf): 1 Sample Volume (Vo): 978.0 ml Final Extract Volume (Vt): 1000 ul

Target Compounds	I.S. Ref.	RT	(+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit (ng/ul)
170) Benzo(g,h,i)perylene	(6)	12.331	(0.000)	276	436314	49.907	51.03			1.00

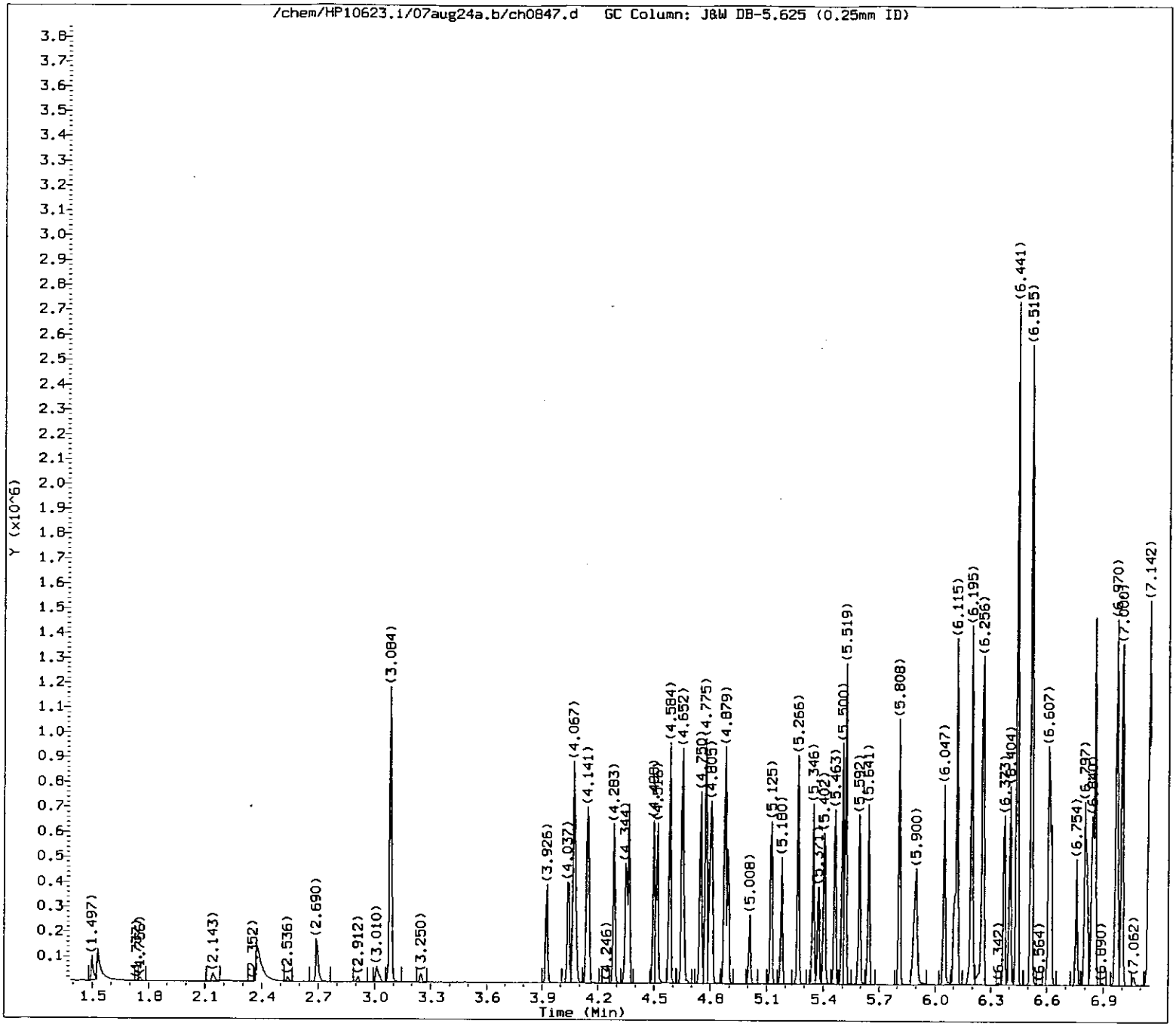
E = CONC. OUT OF CAL. RANGE # = RELATIVE RETENTION TIME OUT OF RANGE

Total number of targets = 64

Comments:

Analyst: Date: 08/29/07
Auditor: Date: 8/29/07

8824



Quant Report

Target Revision 3.5

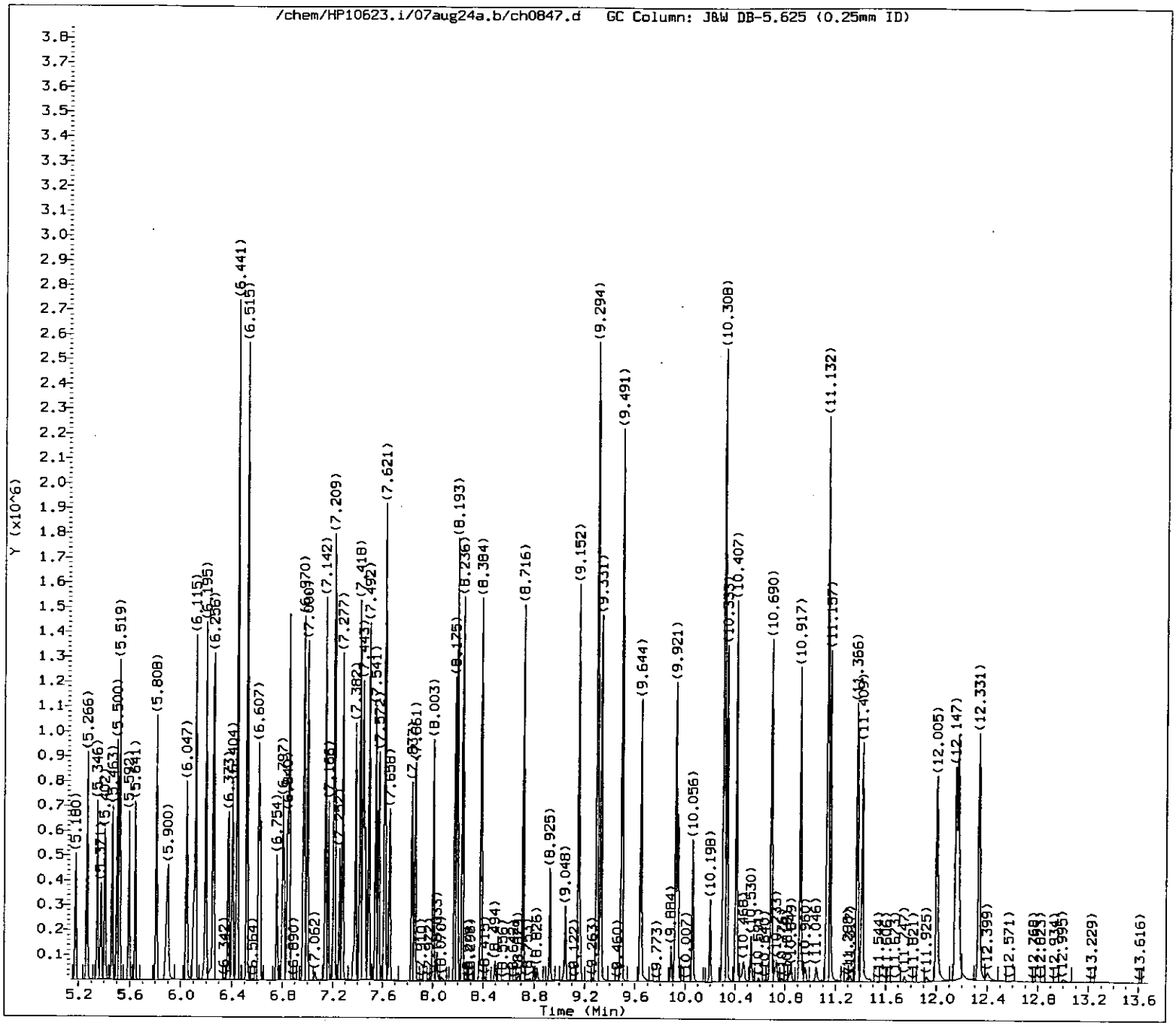
Data File: /chem/HP10623.i/07aug24a.b/ch0847.d Instrument ID: HP10623.i
Injection date and time: 25-AUG-2007 04:58 Analyst ID: lmh00956

Method used: /chem/HP10623.i/07aug24a.b/m8270.m Sublist used: WTC8
Calibration date and time: 27-AUG-2007 19:42
Date, time and analyst ID of latest file update: 29-Aug-2007 19:25 lmh00956

Sample Name: OS--3MSD Lab Sample ID: 5136507

8825

lmh956 08/29/07



Quant Report

Target Revision 3.5

Data File: /chem/HP10623.i/07aug24a.b/ch0847.d Instrument ID: HP10623.i
Injection date and time: 25-AUG-2007 04:58 Analyst ID: lmh00956

Method used: /chem/HP10623.i/07aug24a.b/m8270.m Sublist used: WTC8
Calibration date and time: 27-AUG-2007 19:42
Date, time and analyst ID of latest file update: 29-Aug-2007 19:25 lmh00956

Sample Name: OS--3MSD Lab Sample ID: 5136507

8826

lmh19 80129107

Quant Report

Target Revision 3.5

Data File: /chem/HP10623.i/07aug24a.b/ch0847.d Instrument ID: HP10623.i
Injection date and time: 25-AUG-2007 04:58 Analyst ID: lmh00956

Method used: /chem/HP10623.i/07aug24a.b/m8270.m Sublist used: WTC8
Calibration date and time: 27-AUG-2007 19:42
Date, time and analyst ID of latest file update: 29-Aug-2007 19:25 lmh00956

Sample Name: OS--3MSD Lab Sample ID: 5136507

	Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
15)	Phenol	(1)	4.080	94	81652	23.9267
18)	bis(2-Chloroethyl)ether	(1)	4.135	93	129948	49.1151
19)	2-Chlorophenol	(1)	4.147	128	127258	48.6961
20)	1,3-Dichlorobenzene	(1)	4.283	146	123360	45.4451
21)	1,4-Dichlorobenzene-d4	(1)	4.344	152	68502	40.0000
22)	1,4-Dichlorobenzene	(1)	4.363	146	132651	47.6778
24)	1,2-Dichlorobenzene	(1)	4.498	146	121277	45.3365
25)	2-Methylphenol	(1)	4.652	108	116211	44.6197
26)	2,2'-oxybis(1-Chloropropane)	(1)	4.658	45	121385	54.5885
30)	N-Nitroso-di-n-propylamine	(1)	4.775	70	93847	49.0858
31)	4-Methylphenol	(1)	4.799	108	112299	38.3173
34)	Hexachloroethane	(1)	4.805	117	45550	45.3139
36)	Nitrobenzene	(2)	4.891	77	134478	47.2126
38)	Isophorone	(2)	5.125	82	238097	42.2499
39)	2-Nitrophenol	(2)	5.180	139	75983	51.7054
40)	2,4-Dimethylphenol	(2)	5.266	107	132609	46.7292
42)	bis(2-Chloroethoxy)methane	(2)	5.346	93	170018	55.1621
44)	2,4-Dichlorophenol	(2)	5.402	162	113878	47.9524
45)	1,2,4-Trichlorobenzene	(2)	5.463	180	113658	47.6836
46)	Naphthalene-d8	(2)	5.500	136	318112	40.0000
47)	Naphthalene	(2)	5.519	128	401939	48.1990
48)	4-Chloroaniline	(2)	5.592	127	137049	39.2375
51)	Hexachlorobutadiene	(2)	5.641	225	58010	49.0207
55)	4-Chloro-3-methylphenol	(2)	6.047	107	130428	49.1946
58)	2-Methylnaphthalene	(2)	6.115	142	275874	47.2727
61)	Hexachlorocyclopentadiene	(3)	6.250	237	86943	95.8853
64)	2,4,6-Trichlorophenol	(3)	6.373	196	80266	46.5804
65)	2,4,5-Trichlorophenol	(3)	6.404	196	92102	46.8617
71)	2-Chloronaphthalene	(3)	6.515	162	264035	36.2486
74)	2-Nitroaniline	(3)	6.625	138	105456	50.6898
77)	Dimethylphthalate	(3)	6.797	163	225326	33.6152
79)	2,6-Dinitrotoluene	(3)	6.840	165	82103	51.3627
80)	Acenaphthylene	(3)	6.853	152	456603	54.8020
81)	3-Nitroaniline	(3)	6.963	138	86148	48.1373
82)	Acenaphthene-d10	(3)	6.970	164	203660	40.0000
83)	Acenaphthene	(3)	7.000	153	289612	49.9169
86)	4-Nitrophenol	(3)	7.142	109	16415	17.9828
87)	Dibenzofuran	(3)	7.142	168	401517	48.9304
88)	2,4-Dinitrotoluene	(3)	7.166	165	105308	49.6765
93)	Diethylphthalate	(3)	7.382	149	322779	47.0406
94)	Fluorene	(3)	7.418	166	337622	49.4519
96)	4-Chlorophenyl-phenylether	(3)	7.443	204	148039	49.3860

M = Compound was manually integrated. A = User selected an alternate hit

Quant Report

Target Revision 3.5

Data File: /chem/HP10623.i/07aug24a.b/ch0847.d Instrument ID: HP10623.i
Injection date and time: 25-AUG-2007 04:58 Analyst ID: lmh00956

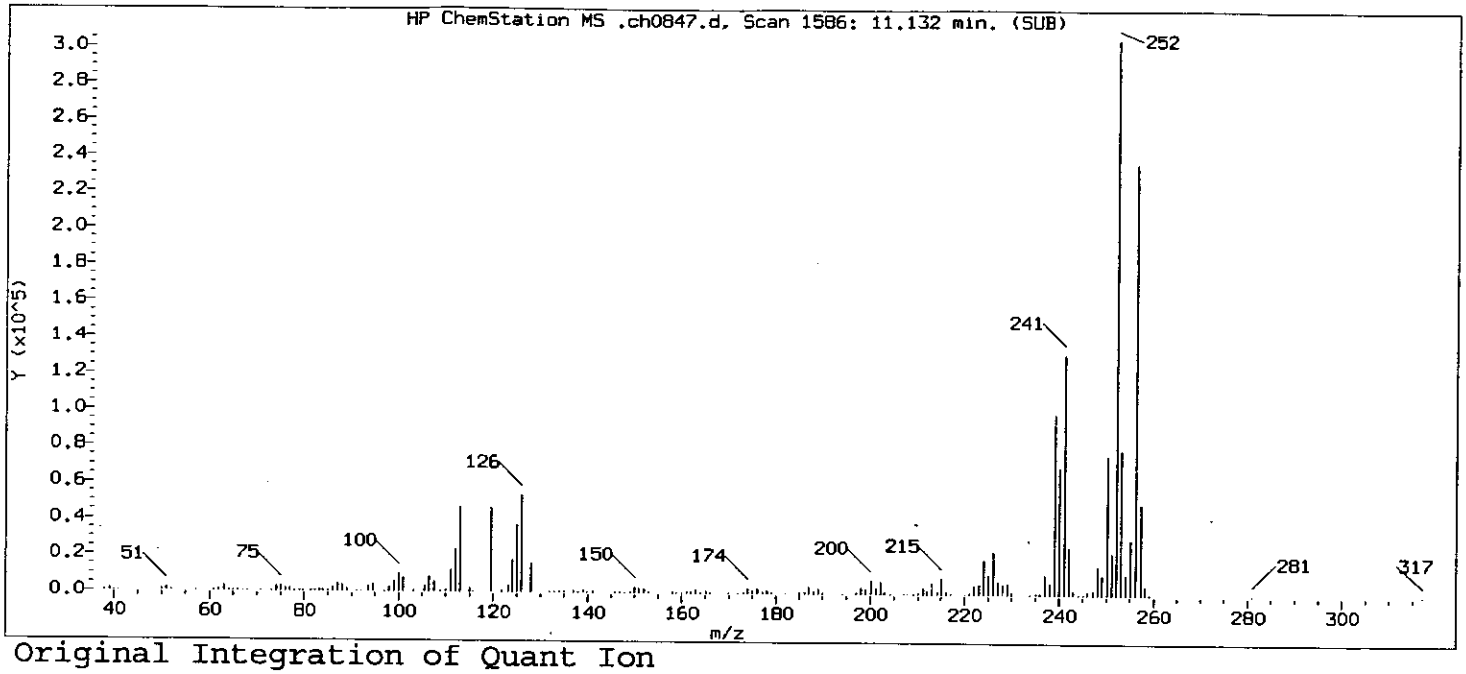
Method used: /chem/HP10623.i/07aug24a.b/m8270.m Sublist used: WTC8
Calibration date and time: 27-AUG-2007 19:42
Date, time and analyst ID of latest file update: 29-Aug-2007 19:25 lmh00956

Sample Name: OS--3MSD Lab Sample ID: 5136507

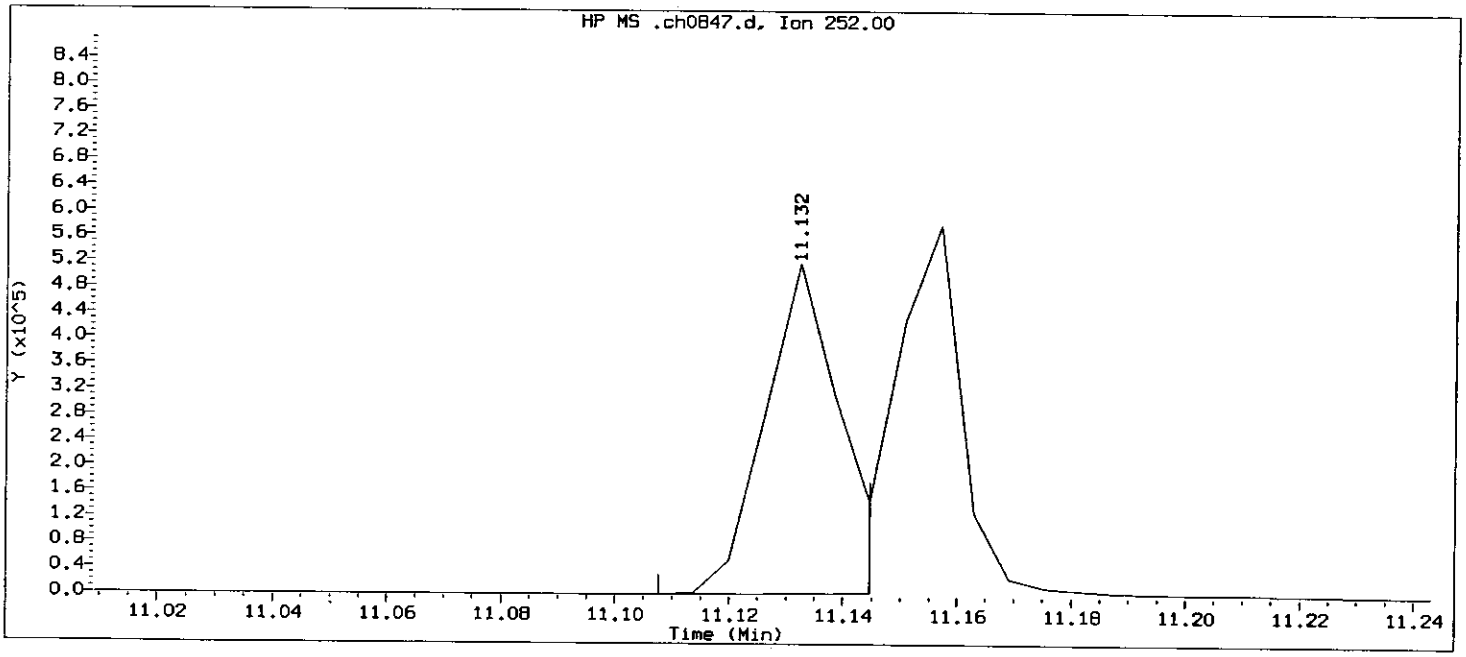
	Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
98)	4-Nitroaniline	(3)	7.462	138	82836	42.7870
99)	4,6-Dinitro-2-methylphenol	(4)	7.492	198	40217	37.1059
102)	N-Nitrosodiphenylamine	(4)	7.541	169	246036	49.2945
110)	4-Bromophenyl-phenylether	(4)	7.837	248	92884	50.4058
112)	Hexachlorobenzene	(4)	7.861	284	110940	51.0300
116)	Pentachlorophenol	(4)	8.033	266	12103	9.7497
120)	Phenanthrene-d10	(4)	8.175	188	372265	40.0000
121)	Phenanthrene	(4)	8.193	178	498069	50.1747
124)	Anthracene	(4)	8.236	178	508487	49.4745
125)	Carbazole	(4)	8.384	167	479896	51.4942
128)	Di-n-butylphthalate	(4)	8.716	149	586205	50.3539
134)	Fluoranthene	(4)	9.152	202	491304	45.6507
136)	Pyrene	(5)	9.331	202	524615	50.6664
143)	Butylbenzylphthalate	(5)	9.921	149	251346	49.8528
145)	3,3'-Dichlorobenzidine	(5)	10.308	252	136417	37.4295
146)	Benzo(a)anthracene	(5)	10.302	228	425790	48.2796
149)	Chrysene-d12	(5)	10.308	240	313592	40.0000
150)	Chrysene	(5)	10.333	228	438431	48.9743
151)	bis(2-Ethylhexyl)phthalate	(5)	10.407	149	350287	49.3270
156)	Di-n-octylphthalate	(6)	10.917	149	563479	53.3695
158)	Benzo(b)fluoranthene	(6)	11.132	252	485640M	54.3375
159)	Benzo(k)fluoranthene	(6)	11.157	252	470058	51.0285
160)	Benzo(a)pyrene	(6)	11.366	252	432735	50.9195
161)	Perylene-d12	(6)	11.409	264	267113	40.0000
168)	Indeno(1,2,3-cd)pyrene	(6)	12.153	276	505636	48.9489
169)	Dibenz(a,h)anthracene	(6)	12.171	278	430307	52.3076
170)	Benzo(g,h,i)perylene	(6)	12.331	276	436314	49.9071
9)	2-Fluorophenol	(1)	3.084	112	308778	128.2137
14)	Phenol-d6	(1)	4.067	99	287642	90.9713
35)	Nitrobenzene-d5	(2)	4.879	82	257559	93.1629
66)	2-Fluorobiphenyl	(3)	6.441	172	576690	91.2969
104)	2,4,6-Tribromophenol	(3)	7.621	330	232816	195.3847
138)	Terphenyl-d14	(5)	9.491	244	619529	87.6422

M = Compound was manually integrated. A = User selected an alternate hit

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP10623.i/07aug24a.b/ch0847.d Instrument ID: HP10623.i
Injection date and time: 25-AUG-2007 04:58 Analyst ID: lmh00956

Method used: /chem/HP10623.i/07aug24a.b/m8270.m Sublist used: all1
Calibration date and time: 24-AUG-2007 20:30
Date, time and analyst ID of latest file update: 25-Aug-2007 05:13 Automation

Sample Name: OS--3MSD Lab Sample ID: 5136507

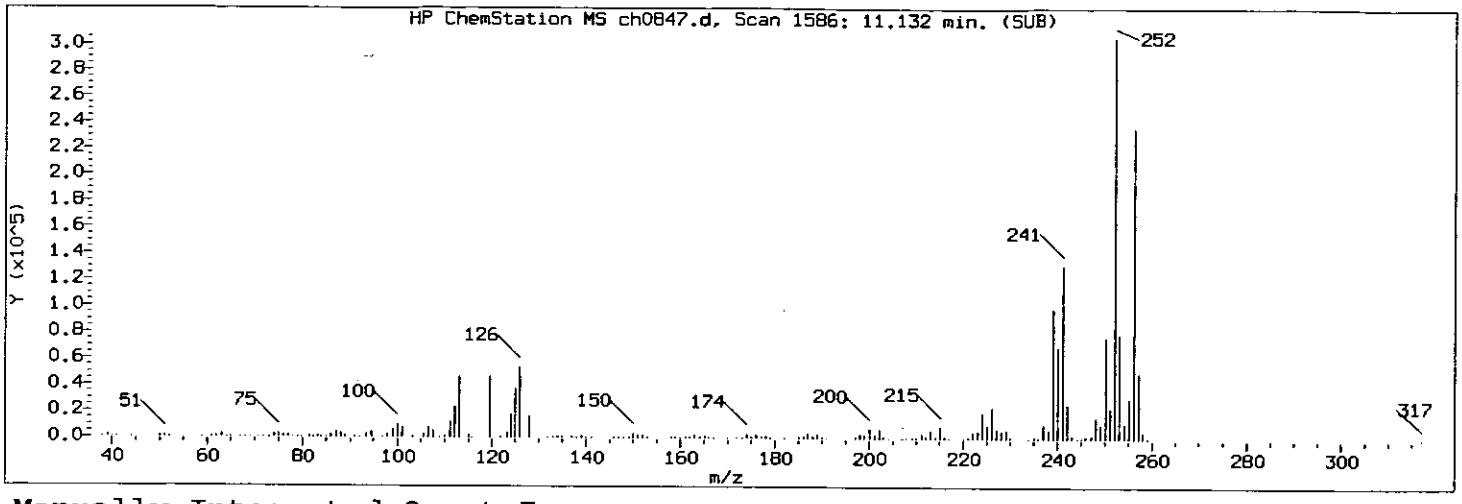
Compound Number	:	158
Compound Name	:	Benzo(b)fluoranthene
Scan Number	:	1586
Retention Time (minutes)	:	11.132
Quant Ion	:	252
Area	:	456541
Concentration (ng/ul)	:	51.0817
Integration start scan	:	1581
Y at integration start	:	0

Integration stop scan: 1587
Y at integration end: 2899

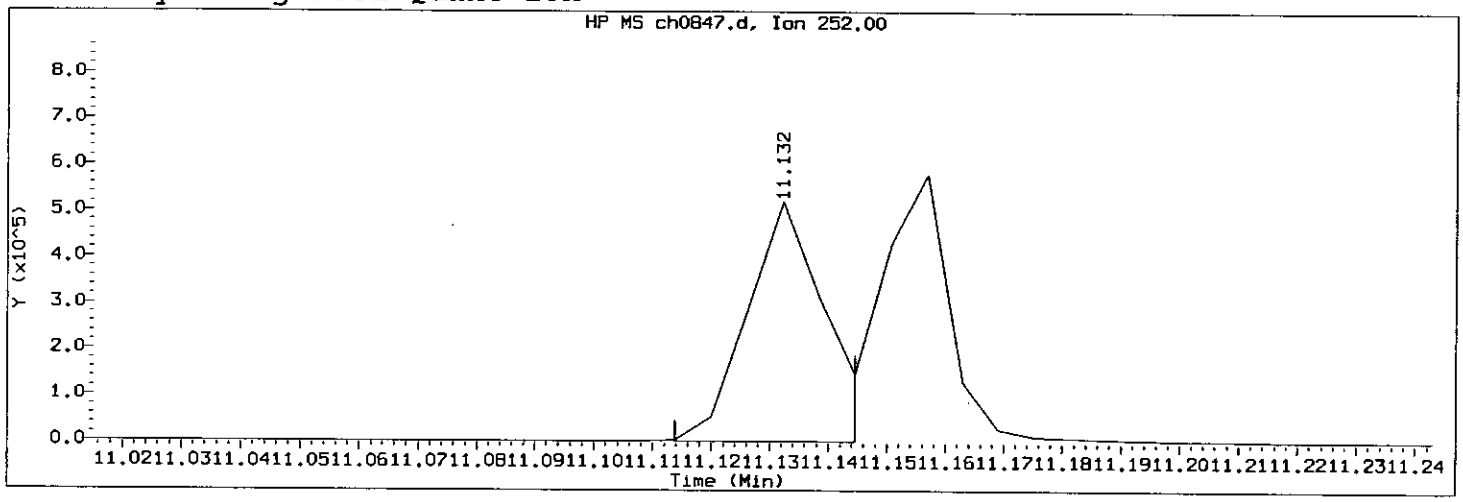
mm 8/29/07 8829

Original Integration Report for data file /chem/HP10623.i/07aug24a.b/ch0847.d, generated on 08/29/2007 at 19:25

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP10623.i/07aug24a.b/ch0847.d Instrument ID: HP10623.i
Injection date and time: 25-AUG-2007 04:58 Analyst ID: lmh00956

Method used: /chem/HP10623.i/07aug24a.b/m8270.m Sublist used: WTC8
Calibration date and time: 27-AUG-2007 19:42
Date, time and analyst ID of latest file update: 29-Aug-2007 19:25 lmh00956

Sample Name: OS--3MSD Lab Sample ID: 5136507

Compound Number : 158
Compound Name : Benzo(b)fluoranthene
Scan Number : 1586
Retention Time (minutes): 11.132
Quant Ion : 252
Area (flag) : 485640 M
Concentration (ng/ul) : 54.3375
Integration start scan : 1582 Integration stop scan: 1587
Y at integration start : 446 Y at integration end: 446

Reason for manual integration (circle one): missed peak improper integration

Analyst responsible for change: lmh 08/29/07

GC/MS audit/management approval: mp1758 8/31/07

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

236WBLCS5

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 236WBLCS

Sample wt/vol: 1000 (g/mL)ML Lab File ID: ch0825.d

Level: (low/med) LOW Date Received:

% Moisture: not dec: dec: Date Extracted: 08/24/07

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/24/07

Injection Volume: 1 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Extraction: Sepf

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	LOQ	UG/L	Q
62-75-9	N-Nitrosodimethylamine			28	
108-95-2	Phenol			24	
111-44-4	bis(2-Chloroethyl)ether			49	
95-57-8	2-Chlorophenol			48	
541-73-1	1,3-Dichlorobenzene			40	
106-46-7	1,4-Dichlorobenzene			43	
100-51-6	Benzyl alcohol			44	
95-50-1	1,2-Dichlorobenzene			43	
95-48-7	2-Methylphenol			45	
108-60-1	2,2'-oxybis(1-Chloropropane)			57	
108-60-1	bis(2-Chloroisopropyl)ether			57	
621-64-7	N-Nitroso-di-n-propylamine			52	
106-44-5	4-Methylphenol			42	
67-72-1	Hexachloroethane			40	
98-95-3	Nitrobenzene			46	
78-59-1	Isophorone			44	
88-75-5	2-Nitrophenol			52	
105-67-9	2,4-Dimethylphenol			47	
111-91-1	bis(2-Chloroethoxy)methane			54	
120-83-2	2,4-Dichlorophenol			49	
120-82-1	1,2,4-Trichlorobenzene			43	
91-20-3	Naphthalene			46	
106-47-8	4-Chloroaniline			47	
87-68-3	Hexachlorobutadiene			40	
59-50-7	4-Chloro-3-methylphenol			52	
91-57-6	2-Methylnaphthalene			47	
77-47-4	Hexachlorocyclopentadiene			86	
88-06-2	2,4,6-Trichlorophenol			46	
95-95-4	2,4,5-Trichlorophenol			47	
91-58-7	2-Chloronaphthalene			34	

6831

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

236WBLCS5

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 236WBLCS

Sample wt/vol: 1000 (g/mL)ML Lab File ID: ch0825.d

Level: (low/med) LOW Date Received:

% Moisture: not dec: dec: Date Extracted: 08/24/07

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/24/07

Injection Volume: 1 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Extraction: Sepf

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) LOQ UG/L	Q
88-74-4--------	2-Nitroaniline	51	
131-11-3-------	Dimethylphthalate	47	
606-20-2-------	2,6-Dinitrotoluene	52	
208-96-8-------	Acenaphthylene	54	
99-09-2--------	3-Nitroaniline	52	
83-32-9--------	Acenaphthene	49	
51-28-5--------	2,4-Dinitrophenol	45	J
100-02-7-------	4-Nitrophenol	26	J
132-64-9-------	Dibenzofuran	48	
121-14-2-------	2,4-Dinitrotoluene	53	
84-66-2--------	Diethylphthalate	51	
86-73-7--------	Fluorene	51	
7005-72-3------	4-Chlorophenyl-phenylether	49	
100-01-6-------	4-Nitroaniline	44	
534-52-1-------	4,6-Dinitro-2-methylphenol	51	
86-30-6--------	N-Nitrosodiphenylamine	48	
101-55-3-------	4-Bromophenyl-phenylether	47	
118-74-1-------	Hexachlorobenzene	49	
87-86-5--------	Pentachlorophenol	40	
85-01-8--------	Phenanthrene	50	
120-12-7-------	Anthracene	49	
86-74-8--------	Carbazole	53	
84-74-2--------	Di-n-butylphthalate	50	
206-44-0-------	Fluoranthene	47	
129-00-0-------	Pyrene	48	
85-68-7--------	Butylbenzylphthalate	48	
91-94-1--------	3,3'-Dichlorobenzidine	37	
56-55-3--------	Benzo(a)anthracene	49	
218-01-9-------	Chrysene	48	
117-81-7-------	bis(2-Ethylhexyl)phthalate	47	

0832

1C cont

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

236WBLCS5

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 236WBLCS

Sample wt/vol: 1000 (g/mL)ML Lab File ID: ch0825.d

Level: (low/med) LOW Date Received:

% Moisture: not dec: dec: Date Extracted: 08/24/07

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/24/07

Injection Volume: 1 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Extraction: Sepf

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	LOQ	UG/L	Q
117-84-0	Di-n-octylphthalate		53		
205-99-2	Benzo(b)fluoranthene		48		
207-08-9	Benzo(k)fluoranthene		55		
50-32-8	Benzo(a)pyrene		50		
193-39-5	Indeno(1,2,3-cd)pyrene		47		
53-70-3	Dibenz(a,h)anthracene		51		
191-24-2	Benzo(g,h,i)perylene		47		

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236WBLCS5

Lancaster Labs
Quantitation Report GC/MS Semi-Volatiles

236WBLCS

Data file: /chem/HP10623.i/07aug24a.b/ch0825.d Blank Data file reference:**/chem/HP10623.i/07aug24a.b/ch0824.d**
Injection date and time: 24-AUG-2007 21:19 Instrument ID: HP10623.i Batch: 07236WAB
Date, time and analyst ID of latest file update: 29-Aug-2007 19:49 lmh00956

Method used: /chem/HP10623.i/07aug24a.b/m8270.m . Sublist used: **236WAB**
Calibration date and time (Last Method Edit): 29-AUG-2007 19:47
Mid Level Daily Calibration Standard Reference: /chem/HP10623.i/07aug24a.b/ch0821.d

Sample Concentration Formula: On-Column Amount * DF * Uf * Vt/(Vo * Vi) Matrix: WATER GPC Cleanup: No

Dilution Factor (DF): 1 Unit Correction Factor (Uf): 1 Volume Injected (Vi): 1 ul
GPC Cleanup Factor (gpcf): 1 Sample Volume (Vo): 1000.0 ml Final Extract Volume (Vt): 1000 ul

Internal Standards	RT (+/-RT)	Scan	QIon	Area(+/- %Area)	Conc (ng/ul)	QC Flag
21) 1,4-Dichlorobenzene-d4	4.344(0.006)	482	152.0	55353(-5)	40.00	
46) Naphthalene-d8	5.500(0.000)	670	136.0	273836(-5)	40.00	
82) Acenaphthene-d10	6.970(0.000)	909	164.0	195129(-3)	40.00	
120) Phenanthrene-d10	8.175(0.000)	1105	188.0	384354(-3)	40.00	
149) Chrysene-d12	10.315(0.000)	1453	240.0	363335(-8)	40.00	
161) Perylene-d12	11.415(0.000)	1632	264.0	317215(-16)	40.00	

= RETENTION TIME OUT OF RANGE * = INTERNAL STANDARD OUT OF RANGE NC = NOT ABLE TO CALCULATE

Surrogate Standards	I.S. Ref.	RT (+/-RRT)	QIon	Area	Conc. (on column)	%Rec.	QC flags	QC Limits
9) 2-Fluorophenol	(1)	3.084(-0.001)	112	243240	124.993	62%		10 - 103
14) Phenol-d6	(1)	4.068(-0.001)	99	235417	92.141	46%		10 - 82
35) Nitrobenzene-d5	(2)	4.879(0.000)	82	215296	90.467	90%		51 - 123
66) 2-Fluorobiphenyl	(3)	6.441(0.000)	172	518205	85.625	86%		63 - 118
104) 2,4,6-Tribromophenol	(3)	7.621(0.000)	330	246596	215.997	108%		20 - 159
138) Terphenyl-d14	(5)	9.497(-0.001)	244	778016	94.994	95%		52 - 151

= RELATIVE RETENTION TIME OUT OF RANGE * = PERCENT REC.OUT OF RANGE D = DILUTED OUT NC = NOT ABLE TO CALCULATE

Target Compounds	I.S. Ref.	RT (+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit (ng/ul)
2) N-Nitrosodimethylamine	(1)	1.497(-0.002)	74	32929	27.874	27.87			2.00
15) Phenol	(1)	4.080(-0.001)	94	65167	23.632	23.63			1.00
18) bis(2-Chloroethyl)ether	(1)	4.135(0.000)	93	104470	48.865	48.87			1.00
19) 2-Chlorophenol	(1)	4.148(-0.001)	128	101243	47.944	47.94			1.00
20) 1,3-Dichlorobenzene	(1)	4.283(-0.001)	146	88720	40.448	40.45			1.00
22) 1,4-Dichlorobenzene	(1)	4.363(-0.001)	146	97041	43.164	43.16			1.00
23) Benzyl alcohol	(1)	4.516(-0.001)	108	67526	44.428	44.43			5.00
24) 1,2-Dichlorobenzene	(1)	4.498(-0.001)	146	92441	42.766	42.77			1.00
25) 2-Methylphenol	(1)	4.652(0.000)	108	95191	45.231	45.23			1.00
26) 2,2'-oxybis(1-Chloropropane)	(1)	4.658(-0.002)	45	101991	56.762	56.76			1.00
27) bis(2-Chloroisopropyl)ether	(1)	4.658(-0.002)	45	101991	56.762	56.76			1.00
30) N-Nitroso-di-n-propylamine	(1)	4.775(-0.002)	70	80233	51.934	51.93			1.00
31) 4-Methylphenol	(1)	4.799(-0.002)	108	98304	41.510	41.51			2.00
34) Hexachloroethane	(1)	4.805(-0.002)	117	32249	39.703	39.70			1.00
36) Nitrobenzene	(2)	4.891(0.001)	77	112429	45.854	45.85			1.00
38) Isophorone	(2)	5.125(0.000)	82	211327	43.563	43.56			1.00
39) 2-Nitrophenol	(2)	5.180(0.000)	139	65850	52.055	52.06			1.00
40) 2,4-Dimethylphenol	(2)	5.267(0.000)	107	115772	47.392	47.39			3.00
42) bis(2-Chloroethoxy)methane	(2)	5.346(0.000)	93	142967	53.885	53.89			1.00
44) 2,4-Dichlorophenol	(2)	5.402(0.000)	162	100632	49.226	49.23			1.00
45) 1,2,4-Trichlorobenzene	(2)	5.463(0.000)	180	89015	43.383	43.38			1.00
47) Naphthalene	(2)	5.519(0.000)	128	328372	45.744	45.74			1.00

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236WBLCS5

Lancaster Labs
Quantitation Report GC/MS Semi-Volatiles

236WBLCS

Data file: /chem/HP10623.i/07aug24a.b/ch0825.d Blank Data file reference:**/chem/HP10623.i/07aug24a.b/ch0824.d**
Injection date and time: 24-AUG-2007 21:19 Instrument ID: HP10623.i Batch: 07236WAB
Date, time and analyst ID of latest file update: 29-Aug-2007 19:49 lmh00956

Method used: /chem/HP10623.i/07aug24a.b/m8270.m Sublist used: **236WAB**
Calibration date and time (Last Method Edit): 29-AUG-2007 19:47
Mid Level Daily Calibration Standard Reference: /chem/HP10623.i/07aug24a.b/ch0821.d

Sample Concentration Formula: On-Column Amount * DF * Uf * Vt/(Vo * Vi) Matrix: WATER GPC Cleanup: No

Dilution Factor (DF): 1 Unit Correction Factor (Uf): 1 Volume Injected (Vi): 1 ul
GPC Cleanup Factor (gpcf): 1 Sample Volume (Vo): 1000.0 ml Final Extract Volume (Vt): 1000 ul

Target Compounds	I.S. Ref.	RT (+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit (ng/ul)
48) 4-Chloroaniline	(2)	5.592(0.000)	127	141686	47.124	47.12			1.00
51) Hexachlorobutadiene	(2)	5.642(0.000)	225	41120	40.366	40.37			1.00
55) 4-Chloro-3-methylphenol	(2)	6.041(0.001)	107	119339	52.290	52.29			1.00
58) 2-Methylnaphthalene	(2)	6.115(0.000)	142	237047	47.187	47.19			1.00
61) Hexachlorocyclopentadiene	(3)	6.250(0.000)	237	74014	86.311	86.31			5.00
64) 2,4,6-Trichlorophenol	(3)	6.367(0.001)	196	76190	46.148	46.15			1.00
65) 2,4,5-Trichlorophenol	(3)	6.398(0.001)	196	88976	47.250	47.25			1.00
71) 2-Chloronaphthalene	(3)	6.515(0.001)	162	235434	33.735	33.74			2.00
74) 2-Nitroaniline	(3)	6.625(0.000)	138	101527	50.935	50.93			1.00
77) Dimethylphthalate	(3)	6.798(0.001)	163	299241	46.594	46.59			2.00
79) 2,6-Dinitrotoluene	(3)	6.841(0.000)	165	79172	51.694	51.69			1.00
80) Acenaphthylene	(3)	6.853(0.000)	152	431838	54.096	54.10			1.00
81) 3-Nitroaniline	(3)	6.964(0.000)	138	88621	51.684	51.68			1.00
83) Acenaphthene	(3)	7.000(0.000)	153	271075	48.765	48.76			1.00
84) 2,4-Dinitrophenol	(3)	7.062(0.000)	184	33595	45.164	45.16			20.00
86) 4-Nitrophenol	(3)	7.142(0.000)	109	23176	26.500	26.50			10.00
87) Dibenzofuran	(3)	7.142(0.000)	168	380245	48.364	48.36			1.00
88) 2,4-Dinitrotoluene	(3)	7.166(0.000)	165	107510	52.933	52.93			1.00
93) Diethylphthalate	(3)	7.382(0.001)	149	335544	51.039	51.04			2.00
94) Fluorene	(3)	7.419(0.000)	166	334062	51.070	51.07			1.00
96) 4-Chlorophenyl-phenylether	(3)	7.443(0.000)	204	141479	49.261	49.26			2.00
98) 4-Nitroaniline	(3)	7.462(0.001)	138	82177	44.302	44.30			1.00
99) 4,6-Dinitro-2-methylphenol	(4)	7.492(0.000)	198	57225	51.138	51.14			5.00
102) N-Nitrosodiphenylamine	(4)	7.548(0.000)	169	245967	47.731	47.73			2.00
110) 4-Bromophenyl-phenylether	(4)	7.837(0.000)	248	90074	47.343	47.34			1.00
112) Hexachlorobenzene	(4)	7.861(0.000)	284	110586	49.267	49.27			1.00
116) Pentachlorophenol	(4)	8.033(0.001)	266	51533	40.207	40.21			3.00
121) Phenanthrene	(4)	8.193(0.000)	178	508594	49.624	49.62			1.00
124) Anthracene	(4)	8.236(0.000)	178	516952	48.716	48.72			1.00
125) Carbazole	(4)	8.384(0.000)	167	505621	52.548	52.55			1.00
128) Di-n-butylphthalate	(4)	8.716(0.000)	149	603393	50.200	50.20			2.00
134) Fluoranthene	(4)	9.152(0.000)	202	527418	47.465	47.46			1.00
136) Pyrene	(5)	9.331(0.000)	202	572447	47.717	47.72			1.00
143) Butylbenzylphthalate	(5)	9.921(0.000)	149	279323	47.817	47.82			2.00
145) 3,3'-Dichlorobenzidine	(5)	10.308(0.000)	252	158048	37.428	37.43			2.00
146) Benzo(a)anthracene	(5)	10.302(0.000)	228	505099	49.431	49.43			1.00
150) Chrysene	(5)	10.333(0.000)	228	499762	48.182	48.18			1.00
151) bis(2-Ethylhexyl)phthalate	(5)	10.407(0.000)	149	384382	46.718	46.72			2.00
156) Di-n-octylphthalate	(6)	10.923(0.000)	149	662595	52.845	52.85			2.00
158) Benzo(b)fluoranthene	(6)	11.139(0.000)	252	510674	48.114	48.11			1.00
159) Benzo(k)fluoranthene	(6)	11.157(0.001)	252	599674	54.817	54.82			1.00

236WBLCS5 Lancaster Labs Quantitation Report GC/MS Semi-Volatiles 236WBLCS

Data file: /chem/HP10623.i/07aug24a.b/ch0825.d Blank Data file reference:**/chem/HP10623.i/07aug24a.b/ch0824.d**
Injection date and time: 24-AUG-2007 21:19 Instrument ID: HP10623.i Batch: 07236WAB
Date, time and analyst ID of latest file update: 29-Aug-2007 19:49 lmh00956

Method used: /chem/HP10623.i/07aug24a.b/m8270.m Sublist used: **236WAB**
Calibration date and time (Last Method Edit): 29-AUG-2007 19:47
Mid Level Daily Calibration Standard Reference: /chem/HP10623.i/07aug24a.b/cb0821.d

Sample Concentration Formula: On-Column Amount * DF * Uf * Vt/(Vo * Vi) Matrix: WATER GPC Cleanup: No

Dilution Factor (DF): 1 Unit Correction Factor (Uf): 1 Volume Injected (Vi): 1 ul
GPC Cleanup Factor (gpcf): 1 Sample Volume (Vo): 1000.0 ml Final Extract Volume (Vt): 1000 ul

Target Compounds	I.S. Ref.	RT	(+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit (ng/ul)
160) Benzo(a)pyrene	(6)	11.372	(0.000)	252	504578	49.996	50.00			1.00
168) Indeno(1,2,3-cd)pyrene	(6)	12.153	(0.001)	276	578791	47.181	47.18			1.00
169) Dibenz(a,h)anthracene	(6)	12.171	(0.000)	278	500029	51.183	51.18			1.00
170) Benzo(g,h,i)perylene	(6)	12.338	(0.000)	276	490045	47.200	47.20			1.00

E = CONC. OUT OF CAL. RANGE # = RELATIVE RETENTION TIME OUT OF RANGE

Total number of targets = 67

Comments:

Analyst: Michelle Smith Date: 08/29/07
Auditor: Date: 8/31/07

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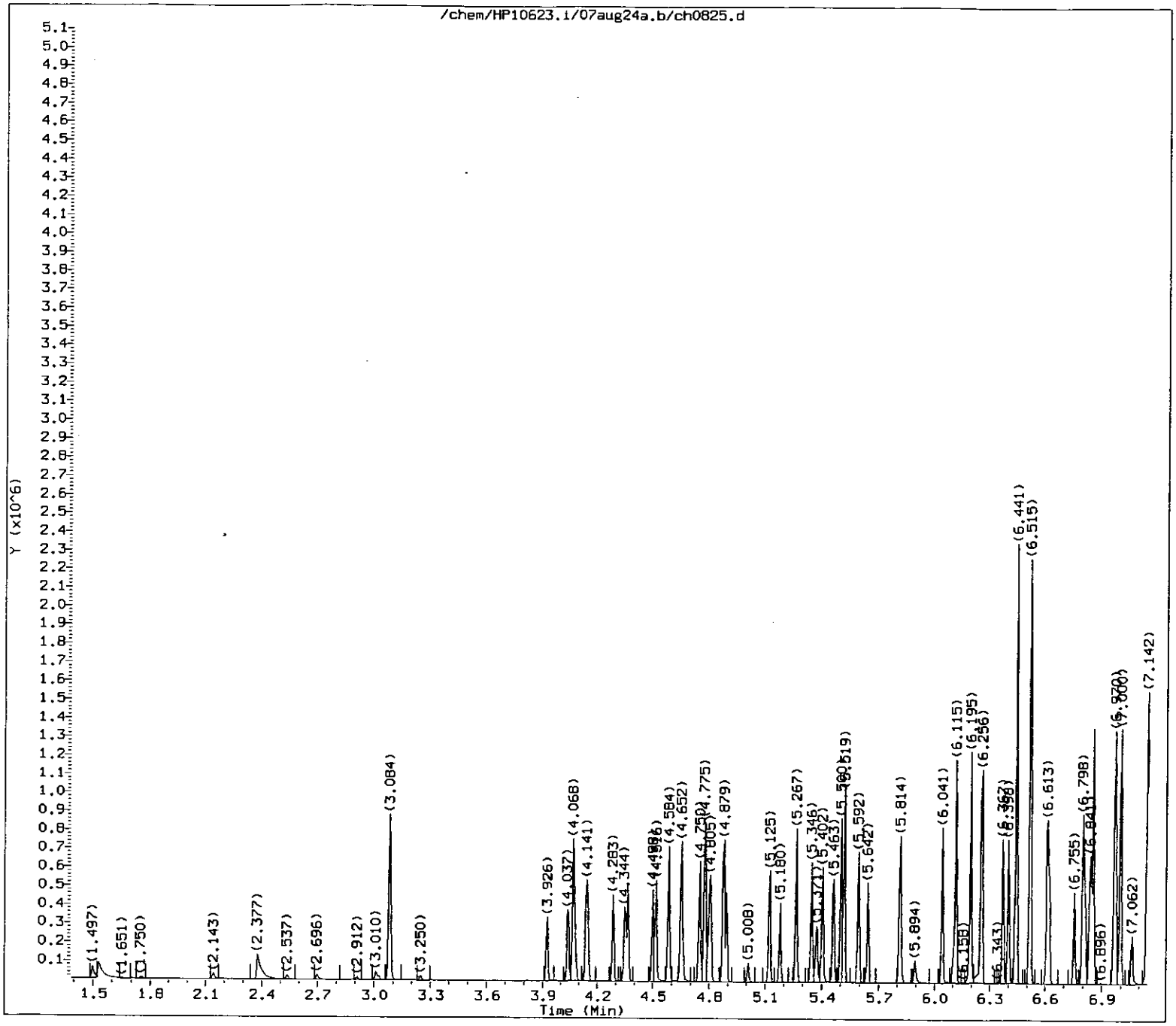

Quant Report

Target Revision 3.5

Data File: /chem/HP10623.i/07aug24a.b/ch0825.d Instrument ID: HP10623.i
Injection date and time: 24-AUG-2007 21:19 Analyst ID: lmh00956

Method used: /chem/HP10623.i/07aug24a.b/m8270.m Sublist used: 236WAB
Calibration date and time: 24-AUG-2007 20:30
Date, time and analyst ID of latest file update: 25-Aug-2007 00:21 lmh00956

Sample Name: 236WBLCS5 Lab Sample ID: 236WBLCS

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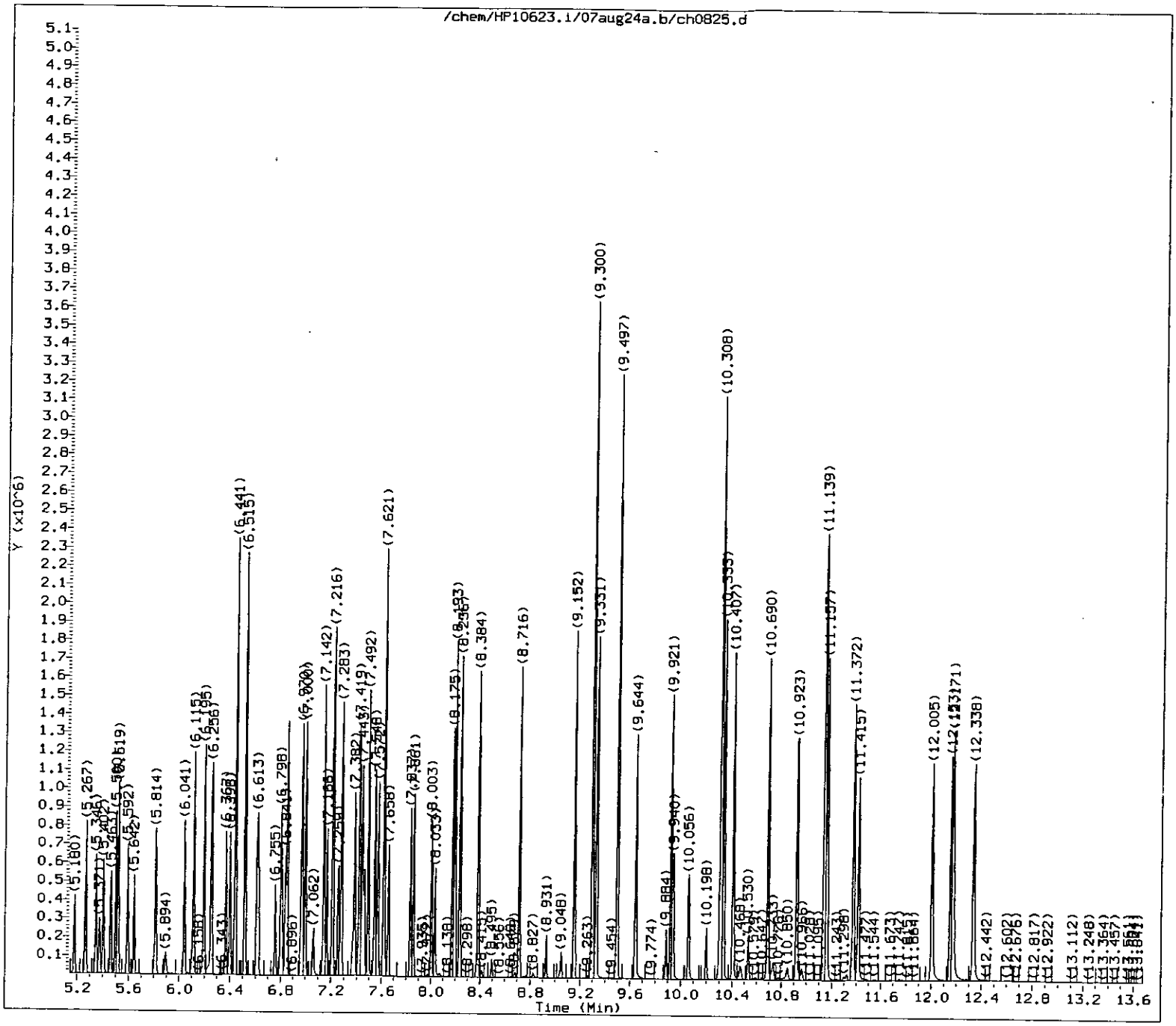
lmh08/25/07



Quant Report

Target Revision 3.5

Data File: /chem/HP10623.i/07aug24a.b/ch0825.d
Injection date and time: 24-AUG-2007 21:19

Instrument ID: HP10623.i
Analyst ID: lmh00956

Method used: /chem/HP10623.i/07aug24a.b/m8270.m
Calibration date and time: 24-AUG-2007 20:30

Sublist used: 236WAB

Date, time and analyst ID of latest file update: 25-Aug-2007 00:21 lmh00956

Sample Name: 236WBLCS5

Lab Sample ID: 236WBLCS

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mm198801257107

Quant Report

Target Revision 3.5

Data File: /chem/HP10623.i/07aug24a.b/ch0825.d Instrument ID: HP10623.i
Injection date and time: 24-AUG-2007 21:19 Analyst ID: lmh00956

Method used: /chem/HP10623.i/07aug24a.b/m8270.m Sublist used: 236WAB
Calibration date and time: 24-AUG-2007 20:30
Date, time and analyst ID of latest file update: 25-Aug-2007 00:21 lmh00956

Sample Name: 236WBLCS5 Lab Sample ID: 236WBLCS

	Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
2)	N-Nitrosodimethylamine	(1)	1.497	74	32929	27.8744
15)	Phenol	(1)	4.080	94	65167	23.6323
18)	bis(2-Chloroethyl)ether	(1)	4.135	93	104470	48.8652
19)	2-Chlorophenol	(1)	4.148	128	101243	47.9443
20)	1,3-Dichlorobenzene	(1)	4.283	146	88720	40.4479
21)	1,4-Dichlorobenzene-d4	(1)	4.344	152	55353	40.0000
22)	1,4-Dichlorobenzene	(1)	4.363	146	97041	43.1642
23)	Benzyl alcohol	(1)	4.516	108	67526	44.4279
24)	1,2-Dichlorobenzene	(1)	4.498	146	92441	42.7658
25)	2-Methylphenol	(1)	4.652	108	95191	45.2311
26)	2,2'-oxybis(1-Chloropropane)	(1)	4.658	45	101991	56.7623
27)	bis(2-Chloroisopropyl)ether	(1)	4.658	45	101991	56.7623
30)	N-Nitroso-di-n-propylamine	(1)	4.775	70	80233	51.9339
31)	4-Methylphenol	(1)	4.799	108	98304	41.5100
34)	Hexachloroethane	(1)	4.805	117	32249	39.7028
36)	Nitrobenzene	(2)	4.891	77	112429	45.8537
38)	Isophorone	(2)	5.125	82	211327	43.5628
39)	2-Nitrophenol	(2)	5.180	139	65850	52.0553
40)	2,4-Dimethylphenol	(2)	5.267	107	115772	47.3923
42)	bis(2-Chloroethoxy)methane	(2)	5.346	93	142967	53.8855
44)	2,4-Dichlorophenol	(2)	5.402	162	100632	49.2262
45)	1,2,4-Trichlorobenzene	(2)	5.463	180	89015	43.3832
46)	Naphthalene-d8	(2)	5.500	136	273836	40.0000
47)	Naphthalene	(2)	5.519	128	328372	45.7440
48)	4-Chloroaniline	(2)	5.592	127	141686	47.1240
51)	Hexachlorobutadiene	(2)	5.642	225	41120	40.3663
55)	4-Chloro-3-methylphenol	(2)	6.041	107	119339	52.2900
58)	2-Methylnaphthalene	(2)	6.115	142	237047	47.1871
61)	Hexachlorocyclopentadiene	(3)	6.250	237	74014	86.3107
64)	2,4,6-Trichlorophenol	(3)	6.367	196	76190	46.1480
65)	2,4,5-Trichlorophenol	(3)	6.398	196	88976	47.2504
71)	2-Chloronaphthalene	(3)	6.515	162	235434	33.7351
74)	2-Nitroaniline	(3)	6.625	138	101527	50.9348
77)	Dimethylphthalate	(3)	6.798	163	299241	46.5939
79)	2,6-Dinitrotoluene	(3)	6.841	165	79172	51.6945
80)	Acenaphthylene	(3)	6.853	152	431838	54.0956
81)	3-Nitroaniline	(3)	6.964	138	88621	51.6841
82)	Acenaphthene-d10	(3)	6.970	164	195129	40.0000
83)	Acenaphthene	(3)	7.000	153	271075	48.7646
84)	2,4-Dinitrophenol	(3)	7.062	184	33595	45.1638
86)	4-Nitrophenol	(3)	7.142	109	23176	26.4996
87)	Dibenzofuran	(3)	7.142	168	380245	48.3640

M = Compound was manually integrated. A = User selected an alternate hit

Quant Report

Target Revision 3.5

Data File: /chem/HP10623.i/07aug24a.b/ch0825.d Instrument ID: HP10623.i
Injection date and time: 24-AUG-2007 21:19 Analyst ID: lmh00956

Method used: /chem/HP10623.i/07aug24a.b/m8270.m Sublist used: 236WAB
Calibration date and time: 24-AUG-2007 20:30
Date, time and analyst ID of latest file update: 25-Aug-2007 00:21 lmh00956

Sample Name: 236WBLCS5 Lab Sample ID: 236WBLCS

	Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
88)	2,4-Dinitrotoluene	(3)	7.166	165	107510	52.9325
93)	Diethylphthalate	(3)	7.382	149	335544	51.0389
94)	Fluorene	(3)	7.419	166	334062	51.0697
96)	4-Chlorophenyl-phenylether	(3)	7.443	204	141479	49.2611
98)	4-Nitroaniline	(3)	7.462	138	82177	44.3024
99)	4,6-Dinitro-2-methylphenol	(4)	7.492	198	57225	51.1375
102)	N-Nitrosodiphenylamine	(4)	7.548	169	245967	47.7306
110)	4-Bromophenyl-phenylether	(4)	7.837	248	90074	47.3434
112)	Hexachlorobenzene	(4)	7.861	284	110586	49.2673
116)	Pentachlorophenol	(4)	8.033	266	51533	40.2072
120)	Phenanthrene-d10	(4)	8.175	188	384354	40.0000
121)	Phenanthrene	(4)	8.193	178	508594	49.6235
124)	Anthracene	(4)	8.236	178	516952	48.7161
125)	Carbazole	(4)	8.384	167	505621	52.5481
128)	Di-n-butylphthalate	(4)	8.716	149	603393	50.2001
134)	Fluoranthene	(4)	9.152	202	527418	47.4649
136)	Pyrene	(5)	9.331	202	572447	47.7169
143)	Butylbenzylphthalate	(5)	9.921	149	279323	47.8170
145)	3,3'-Dichlorobenzidine	(5)	10.308	252	158048	37.4276
146)	Benzo(a)anthracene	(5)	10.302	228	505099	49.4314
149)	Chrysene-d12	(5)	10.315	240	363335	40.0000
150)	Chrysene	(5)	10.333	228	499762	48.1823
151)	bis(2-Ethylhexyl)phthalate	(5)	10.407	149	384382	46.7177
156)	Di-n-octylphthalate	(6)	10.923	149	662595	52.8451
158)	Benzo(b)fluoranthene	(6)	11.139	252	510674	48.1139
159)	Benzo(k)fluoranthene	(6)	11.157	252	599674	54.8173
160)	Benzo(a)pyrene	(6)	11.372	252	504578	49.9956
161)	Perylene-d12	(6)	11.415	264	317215	40.0000
168)	Indeno(1,2,3-cd)pyrene	(6)	12.153	276	578791	47.1811
169)	Dibenz(a,h)anthracene	(6)	12.171	278	500029	51.1827
170)	Benzo(g,h,i)perylene	(6)	12.338	276	490045	47.1998
9)	2-Fluorophenol	(1)	3.084	112	243240	124.9929
14)	Phenol-d6	(1)	4.068	99	235417	92.1408
35)	Nitrobenzene-d5	(2)	4.879	82	215296	90.4673
66)	2-Fluorobiphenyl	(3)	6.441	172	518205	85.6248
104)	2,4,6-Tribromophenol	(3)	7.621	330	246596	215.9969
138)	Terphenyl-d14	(5)	9.497	244	778016	94.9944

M = Compound was manually integrated. A = User selected an alternate hit

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

240WDLCS7

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 240WDLCS

Sample wt/vol: 1000 (g/mL)ML Lab File ID: gh1140.d

Level: (low/med) LOW Date Received:

% Moisture: not dec: dec: Date Extracted: 08/28/07

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/31/07

Injection Volume: 1 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Extraction: Sepf

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	LOQ UG/L	Q
108-95-2	Phenol		23	
111-44-4	bis(2-Chloroethyl)ether		48	
95-57-8	2-Chlorophenol		49	
541-73-1	1,3-Dichlorobenzene		45	
106-46-7	1,4-Dichlorobenzene		46	
95-50-1	1,2-Dichlorobenzene		45	
95-48-7	2-Methylphenol		42	
108-60-1	2,2'-oxybis(1-Chloropropane)		55	
621-64-7	N-Nitroso-di-n-propylamine		48	
106-44-5	4-Methylphenol		41	
67-72-1	Hexachloroethane		44	
98-95-3	Nitrobenzene		48	
78-59-1	Isophorone		41	
88-75-5	2-Nitrophenol		60	
105-67-9	2,4-Dimethylphenol		48	
111-91-1	bis(2-Chloroethoxy)methane		54	
120-83-2	2,4-Dichlorophenol		50	
120-82-1	1,2,4-Trichlorobenzene		48	
91-20-3	Naphthalene		48	
106-47-8	4-Chloroaniline		45	
87-68-3	Hexachlorobutadiene		47	
59-50-7	4-Chloro-3-methylphenol		50	
91-57-6	2-Methylnaphthalene		47	
77-47-4	Hexachlorocyclopentadiene		110	
88-06-2	2,4,6-Trichlorophenol		53	
95-95-4	2,4,5-Trichlorophenol		50	
91-58-7	2-Chloronaphthalene		41	
88-74-4	2-Nitroaniline		60	
131-11-3	Dimethylphthalate		46	
606-20-2	2,6-Dinitrotoluene		58	

8841

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

240WDLCS7

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 240WDLCS

Sample wt/vol: 1000 (g/mL)ML Lab File ID: gh1140.d

Level: (low/med) LOW Date Received:

% Moisture: not dec: dec: Date Extracted: 08/28/07

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/31/07

Injection Volume: 1 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Extraction: Sepf

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	LOQ	UG/L	Q
208-96-8	Acenaphthylene			56	
99-09-2	3-Nitroaniline			57	
83-32-9	Acenaphthene			50	
51-28-5	2,4-Dinitrophenol			70	
100-02-7	4-Nitrophenol			24	J
132-64-9	Dibenzofuran			49	
121-14-2	2,4-Dinitrotoluene			60	
84-66-2	Diethylphthalate			50	
86-73-7	Fluorene			51	
7005-72-3	4-Chlorophenyl-phenylether			49	
100-01-6	4-Nitroaniline			49	
534-52-1	4,6-Dinitro-2-methylphenol			62	
86-30-6	N-Nitrosodiphenylamine			50	
101-55-3	4-Bromophenyl-phenylether			47	
118-74-1	Hexachlorobenzene			48	
87-86-5	Pentachlorophenol			49	
85-01-8	Phenanthrene			53	
120-12-7	Anthracene			50	
86-74-8	Carbazole			52	
84-74-2	Di-n-butylphthalate			52	
206-44-0	Fluoranthene			47	
129-00-0	Pyrene			54	
85-68-7	Butylbenzylphthalate			56	
91-94-1	3,3'-Dichlorobenzidine			44	
56-55-3	Benzo(a)anthracene			53	
218-01-9	Chrysene			54	
117-81-7	bis(2-Ethylhexyl)phthalate			54	
117-84-0	Di-n-octylphthalate			61	
205-99-2	Benzo(b)fluoranthene			60	
207-08-9	Benzo(k)fluoranthene			59	

0842

1C cont

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

240WDLCS7

Lab Name: Lancaster Laboratories Contract:

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

Matrix: (soil/water) WATER Lab Sample ID: 240WDLCS

Sample wt/vol: 1000 (g/mL)ML Lab File ID: gh1140.d

Level: (low/med) LOW Date Received:

% Moisture: not dec: dec: Date Extracted: 08/28/07

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/31/07

Injection Volume: 1 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Extraction: Sepf

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	LOQ	UG/L	Q
50-32-8	Benzo(a)pyrene			59	
193-39-5	Indeno(1,2,3-cd)pyrene			55	
53-70-3	Dibenz(a,h)anthracene			61	
191-24-2	Benzo(g,h,i)perylene			55	

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240WDLCS7

Lancaster Labs
Quantitation Report GC/MS Semi-Volatiles

240WDLCS

Data file: /chem/HP11165.i/07aug31.b/gh1140.d Blank Data file reference:**/chem/HP11165.i/07aug31.b/gh1139.d**
Injection date and time: 31-AUG-2007 12:05 Instrument ID: HP11165.i Batch: 07240WAD
Date, time and analyst ID of latest file update: 31-Aug-2007 15:32 gjd01970

Method used: /chem/HP11165.i/07aug31.b/minti.m Sublist used: **WTC8**
Calibration date and time (Last Method Edit): 31-AUG-2007 15:24
Mid Level Daily Calibration Standard Reference: /chem/HP11165.i/07aug31.b/gh1131.d

Sample Concentration Formula: On-Column Amount * DF * Uf * Vt/(Vo * Vi) Matrix: WATER GPC Cleanup: No

Dilution Factor (DF): 1 Unit Correction Factor (Uf): 1 Volume Injected (Vi): 1 ul
GPC Cleanup Factor (gpcf): 1 Sample Volume (Vo): 1000.0 ml Final Extract Volume (Vt): 1000 ul

Internal Standards	RT (+/-RT)	Scan	QIon	Area(+/- %Area)	Conc(ng/ul)	QC Flag
21) 1,4-Dichlorobenzene-d4	4.824(0.001)	652	152.0	177738(-5)	40.00	
52) Naphthalene-d8	5.979(0.002)	868	136.0	775741(-7)	40.00	
97) Acenaphthene-d10	7.461(0.001)	1145	164.0	451928(-9)	40.00	
134) Phenanthrene-d10	8.670(0.002)	1371	188.0	878526(-9)	40.00	
166) Chrysene-d12	10.836(0.002)	1776	240.0	732618(-15)	40.00	
174) Perylene-d12	12.243(0.002)	2039	264.0	560646(-25)	40.00	

= RETENTION TIME OUT OF RANGE * = INTERNAL STANDARD OUT OF RANGE NC = NOT ABLE TO CALCULATE

Surrogate Standards	I.S. Ref.	RT (+/-RRT)	QIon	Area	Conc. (on column)	%Rec.	QC flags	QC Limits
9) 2-Fluorophenol	(1)	3.514(-0.001)	112	926556	122.524	61%		10 - 103
15) Phenol-d6	(1)	4.519(-0.001)	99	868076	81.401	41%		10 - 82
38) Nitrobenzene-d5	(2)	5.354(-0.001)	82	815489	95.659	96%		51 - 123
77) 2-Fluorobiphenyl	(3)	6.921(-0.001)	172	1323517	89.043	89%		63 - 118
118) 2,4,6-Tribromophenol	(3)	8.114(-0.001)	330	373626	200.856	100%		20 - 159
155) Terphenyl-d14	(5)	9.991(0.000)	244	1457799	97.141	97%		52 - 151

= RELATIVE RETENTION TIME OUT OF RANGE * = PERCENT REC.OUT OF RANGE D = DILUTED OUT NC = NOT ABLE TO CALCULATE

Target Compounds	I.S. Ref.	RT (+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit (ng/ul)
16) Phenol	(1)	4.535(-0.001)	94	257528	22.627	22.63			1.00
18) bis(2-Chloroethyl)ether	(1)	4.605(-0.001)	93	429466	47.741	47.74			1.00
19) 2-Chlorophenol	(1)	4.621(-0.001)	128	346488	48.768	48.77			1.00
20) 1,3-Dichlorobenzene	(1)	4.765(-0.001)	146	306845	45.403	45.40			1.00
22) 1,4-Dichlorobenzene	(1)	4.840(0.000)	146	323100	46.372	46.37			1.00
25) 1,2-Dichlorobenzene	(1)	4.979(-0.001)	146	295739	45.301	45.30			1.00
26) 2-Methylphenol	(1)	5.113(0.000)	108	336101	42.291	42.29			1.00
27) 2,2'-oxybis(1-Chloropropane)	(1)	5.124(-0.001)	45	471221	55.387	55.39			1.00
31) N-Nitroso-di-n-propylamine	(1)	5.241(0.000)	70	314526	47.680	47.68			1.00
33) 4-Methylphenol	(1)	5.257(-0.001)	108	363683	41.167	41.17			2.00
37) Hexachloroethane	(1)	5.290(0.000)	117	121561	44.319	44.32			1.00
39) Nitrobenzene	(2)	5.370(-0.001)	77	438876	48.419	48.42			1.00
41) Isophorone	(2)	5.594(0.000)	82	795804	41.213	41.21			1.00
42) 2-Nitrophenol	(2)	5.653(0.000)	139	187952	60.037	60.04			1.00
44) 2,4-Dimethylphenol	(2)	5.728(-0.001)	107	390229	47.865	47.87			3.00
46) bis(2-Chloroethoxy)methane	(2)	5.814(-0.001)	93	515177	54.415	54.42			1.00
49) 2,4-Dichlorophenol	(2)	5.878(-0.001)	162	270753	49.775	49.77			1.00
50) 1,2,4-Trichlorobenzene	(2)	5.937(0.000)	180	263171	48.085	48.09			1.00
53) Naphthalene	(2)	6.001(-0.001)	128	1066488	48.484	48.48			1.00
55) 4-Chloroaniline	(2)	6.065(0.000)	127	407479	45.111	45.11			1.00
59) Hexachlorobutadiene	(2)	6.119(0.000)	225	137508	46.825	46.82			1.00
67) 4-Chloro-3-methylphenol	(2)	6.504(0.000)	107	371081	50.415	50.41			1.00

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240WDLCS7

Lancaster Labs
Quantitation Report GC/MS Semi-Volatiles

240WDLCS

Data file: /chem/HP11165.i/07aug31.b/gh1140.d Blank Data file reference:**/chem/HP11165.i/07aug31.b/gh1139.d**
Injection date and time: 31-AUG-2007 12:05 Instrument ID: HP11165.i Batch: 07240WAD
Date, time and analyst ID of latest file update: 31-Aug-2007 15:32 gjd01970

Method used: /chem/HP11165.i/07aug31.b/minti.m Sublist used: **WTC8**
Calibration date and time (Last Method Edit): 31-AUG-2007 15:24
Mid Level Daily Calibration Standard Reference: /chem/HP11165.i/07aug31.b/gh1131.d

Sample Concentration Formula: On-Column Amount * DF * Uf * Vt/(Vo * Vi) Matrix: WATER GPC Cleanup: No

Dilution Factor (DF): 1 Unit Correction Factor (Uf): 1 Volume Injected (Vi): 1 ul
GPC Cleanup Factor (gpcf): 1 Sample Volume (Vo): 1000.0 ml Final Extract Volume (Vt): 1000 ul

Target Compounds	I.S. Ref.	RT	(+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit (ng/ul)
69) 2-Methylnaphthalene	(2)	6.595	(0.000)	142	659281	46.998	47.00			1.00
71) Hexachlorocyclopentadiene	(3)	6.734	(0.000)	237	221330	108.521	108.52			5.00
74) 2,4,6-Trichlorophenol	(3)	6.846	(0.000)	196	198351	52.615	52.61			1.00
76) 2,4,5-Trichlorophenol	(3)	6.878	(0.000)	196	220892	50.173	50.17			1.00
83) 2-Chloronaphthalene	(3)	7.001	(0.000)	162	604367	41.349	41.35			2.00
88) 2-Nitroaniline	(3)	7.103	(-0.001)	138	252860	59.870	59.87			1.00
91) Dimethylphthalate	(3)	7.274	(-0.001)	163	682350	45.790	45.79			2.00
93) 2,6-Dinitrotoluene	(3)	7.317	(-0.001)	165	184372	57.691	57.69			1.00
94) Acenaphthylene	(3)	7.343	(-0.001)	152	1133764	55.772	55.77			1.00
96) 3-Nitroaniline	(3)	7.445	(-0.001)	138	218980	56.528	56.53			1.00
98) Acenaphthene	(3)	7.488	(-0.001)	153	679277	50.017	50.02			1.00
99) 2,4-Dinitrophenol	(3)	7.536	(-0.001)	184	92188	69.699	69.70			20.00
102) 4-Nitrophenol	(3)	7.611	(-0.001)	109	53853	23.900	23.90			10.00
103) Dibenzofuran	(3)	7.632	(-0.001)	168	986196	49.292	49.29			1.00
104) 2,4-Dinitrotoluene	(3)	7.643	(-0.001)	165	237941	60.327	60.33			1.00
108) Diethylphthalate	(3)	7.857	(0.000)	149	807389	50.045	50.04			2.00
110) Fluorene	(3)	7.910	(0.000)	166	826719	50.967	50.97			1.00
111) 4-Chlorophenyl-phenylether	(3)	7.926	(0.000)	204	362025	48.676	48.68			2.00
113) 4-Nitroaniline	(3)	7.948	(-0.001)	138	212334	49.011	49.01			1.00
114) 4,6-Dinitro-2-methylphenol	(4)	7.975	(-0.001)	198	123916	61.686	61.69			5.00
116) N-Nitrosodiphenylamine	(4)	8.028	(-0.001)	169	586884	49.573	49.57			2.00
124) 4-Bromophenyl-phenylether	(4)	8.322	(0.000)	248	198704	47.309	47.31			1.00
126) Hexachlorobenzene	(4)	8.354	(0.000)	284	210022	48.176	48.18			1.00
130) Pentachlorophenol	(4)	8.525	(0.000)	266	108697	49.125	49.13			3.00
136) Phenanthrene	(4)	8.691	(0.000)	178	1169779	52.643	52.64			1.00
137) Anthracene	(4)	8.734	(0.000)	178	1171317	50.271	50.27			1.00
139) Carbazole	(4)	8.873	(0.000)	167	1199149	52.207	52.21			1.00
141) Di-n-butylphthalate	(4)	9.194	(0.000)	149	1448010	52.152	52.15			2.00
146) Fluoranthene	(4)	9.659	(0.000)	202	1257671	47.209	47.21			1.00
153) Pyrene	(5)	9.841	(0.000)	202	1357057	54.128	54.13			1.00
160) Butylbenzylphthalate	(5)	10.408	(0.000)	149	632255	55.656	55.66			2.00
163) 3,3'-Dichlorobenzidine	(5)	10.820	(0.000)	252	359673	44.388	44.39			2.00
165) Benzo(a)anthracene	(5)	10.825	(0.000)	228	1203303	53.386	53.39			1.00
167) Chrysene	(5)	10.857	(0.000)	228	1210354	54.014	54.01			1.00
168) bis(2-Ethylhexyl)phthalate	(5)	10.906	(0.000)	149	854851	53.905	53.90			2.00
169) Di-n-octylphthalate	(6)	11.526	(0.000)	149	1450059	60.608	60.61			2.00
171) Benzo(b)fluoranthene	(6)	11.847	(0.000)	252	1288534	59.659	59.66			1.00
172) Benzo(k)fluoranthene	(6)	11.879	(0.000)	252	1250365	58.857	58.86			1.00
173) Benzo(a)pyrene	(6)	12.184	(0.000)	252	1126414	58.573	58.57			1.00
176) Indeno(1,2,3-cd)pyrene	(6)	13.435	(0.000)	276	1233636	54.804	54.80			1.00
177) Dibenz(a,h)anthracene	(6)	13.473	(0.000)	278	1101487	60.542	60.54			1.00

240WDLCS7 Lancaster Labs 240WDLCS
Quantitation Report GC/MS Semi-Volatiles

Data file: /chem/HP11165.i/07aug31.b/gh1140.d Blank Data file reference:**/chem/HP11165.i/07aug31.b/gh1139.d**
Injection date and time: 31-AUG-2007 12:05 Instrument ID: HP11165.i Batch: 07240WAD
Date, time and analyst ID of latest file update: 31-Aug-2007 15:32 gjd01970

Method used: /chem/HP11165.i/07aug31.b/minti.m Sublist used: **WTC8**
Calibration date and time (Last Method Edit): 31-AUG-2007 15:24
Mid Level Daily Calibration Standard Reference: /chem/HP11165.i/07aug31.b/gh1131.d

Sample Concentration Formula: On-Column Amount * DF * Uf * Vt/(Vo * Vi) Matrix: WATER GPC Cleanup: No

Dilution Factor (DF): 1 Unit Correction Factor (Uf): 1 Volume Injected (Vi): 1 ul
GPC Cleanup Factor (gpcf): 1 Sample Volume (Vo): 1000.0 ml Final Extract Volume (Vt): 1000 ul

Target Compounds	I.S. Ref.	RT	(+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit (ng/ul)
178) Benzo(g,h,i)perylene	(6)	13.735	(0.000)	276	1045572	55.074	55.07			1.00

E = CONC. OUT OF CAL. RANGE # = RELATIVE RETENTION TIME OUT OF RANGE

Total number of targets = 64

Comments:

Analyst: gjd 1970 Date: 8/31/07
Auditor: Date: 9/4/07

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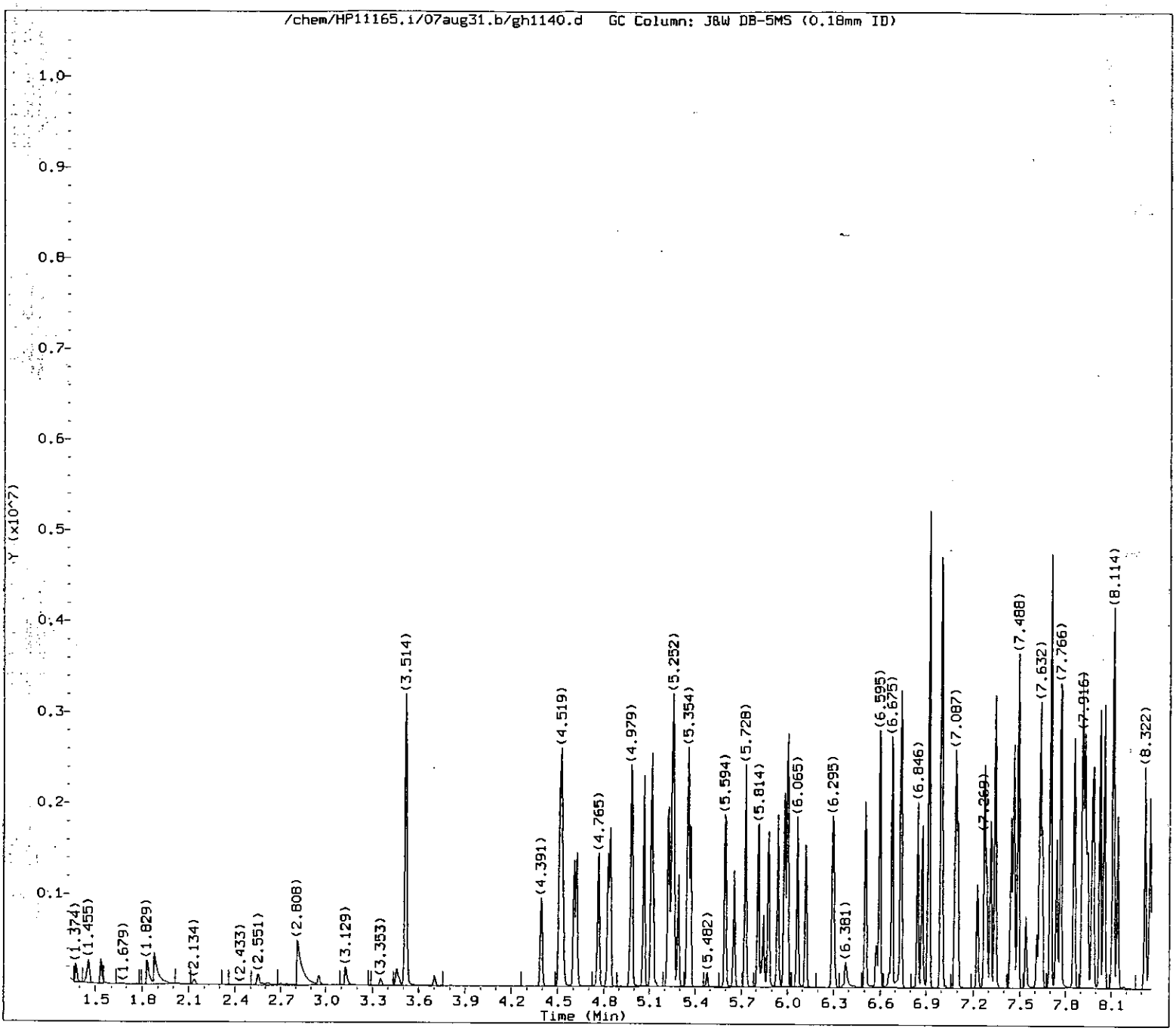


Quant Report

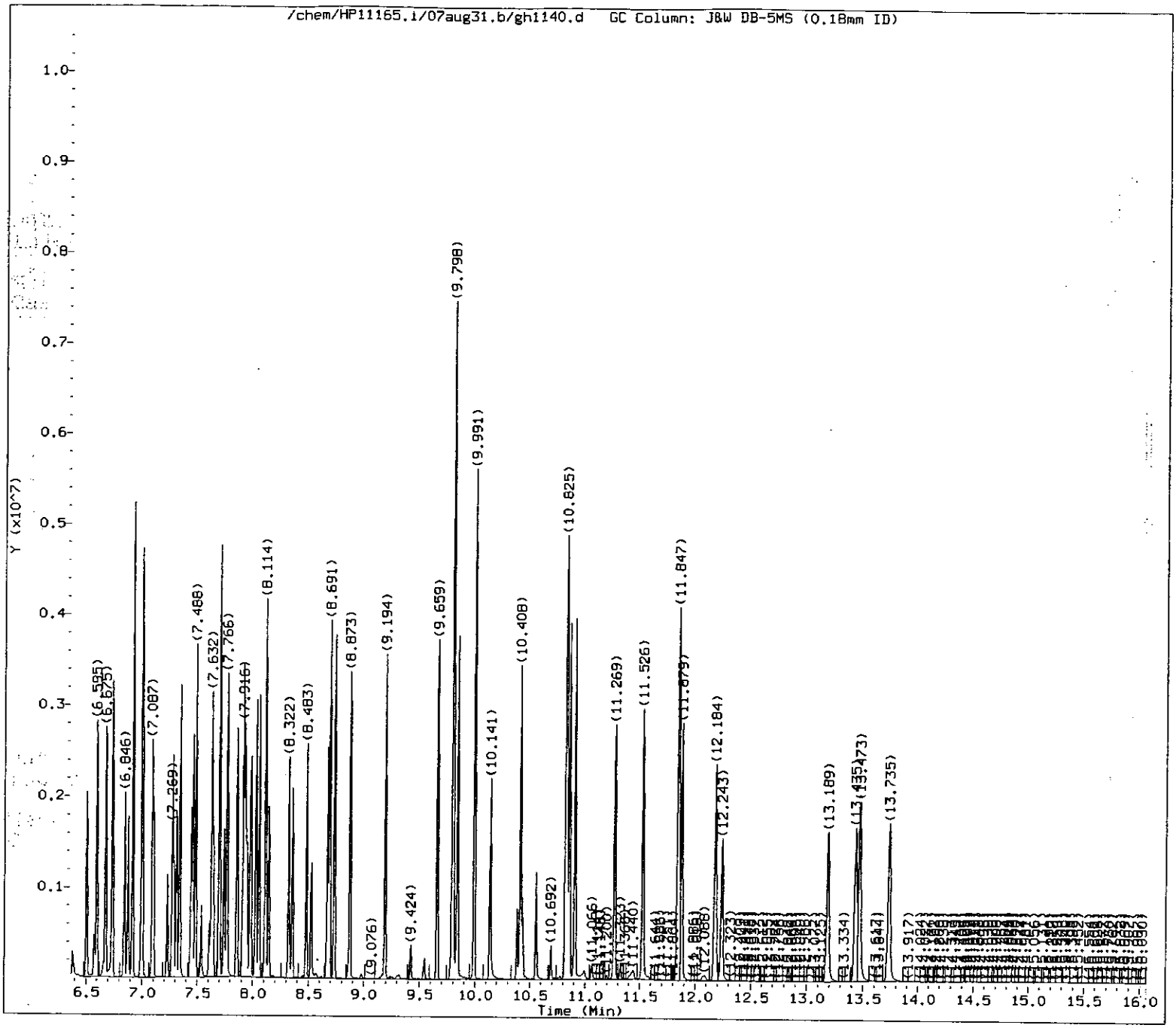
Target Revision 3.5

Data File: /chem/HP11165.i/07aug31.b/gh1140.d Instrument ID: HP11165.i
Injection date and time: 31-AUG-2007 12:05 Analyst ID: jmg00346

Method used: /chem/HP11165.i/07aug31.b/minti.m Sublist used: WTC8
Calibration date and time: 31-AUG-2007 15:24
Date, time and analyst ID of latest file update: 31-Aug-2007 15:32 gjd01970

Sample Name: 240WDLCS7 Lab Sample ID: 240WDLCS

8847 GS/770
6/3/14



Quant Report

Target Revision 3.5

Data File: /chem/HP11165.i/07aug31.b/gh1140.d
Injection date and time: 31-AUG-2007 12:05

Instrument ID: HP11165.i
Analyst ID: jmg00346

Method used: /chem/HP11165.i/07aug31.b/minti.m
Calibration date and time: 31-AUG-2007 15:24

Sublist used: WTC8

Date, time and analyst ID of latest file update: 31-Aug-2007 15:32 gjd01970

Sample Name: 240WDLCS7

Lab Sample ID: 240WDLCS

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Quant Report

Target Revision 3.5

Data File: /chem/HP11165.i/07aug31.b/gh1140.d Instrument ID: HP11165.i
Injection date and time: 31-AUG-2007 12:05 Analyst ID: jmg00346

Method used: /chem/HP11165.i/07aug31.b/minti.m Sublist used: WTC8
Calibration date and time: 31-AUG-2007 15:24
Date, time and analyst ID of latest file update: 31-Aug-2007 15:32 gjd01970

Sample Name: 240WDLCS7 Lab Sample ID: 240WDLCS

	Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
16)	Phenol	(1)	4.535	94	257528	22.627
18)	bis(2-Chloroethyl)ether	(1)	4.605	93	429466	47.741
19)	2-Chlorophenol	(1)	4.621	128	346488	48.768
20)	1,3-Dichlorobenzene	(1)	4.765	146	306845	45.403
21)	1,4-Dichlorobenzene-d4	(1)	4.824	152	177738	40.000
22)	1,4-Dichlorobenzene	(1)	4.840	146	323100	46.372
25)	1,2-Dichlorobenzene	(1)	4.979	146	295739	45.301
26)	2-Methylphenol	(1)	5.113	108	336101	42.291
27)	2,2'-oxybis(1-Chloropropane)	(1)	5.124	45	471221	55.387
31)	N-Nitroso-di-n-propylamine	(1)	5.241	70	314526	47.680
33)	4-Methylphenol	(1)	5.257	108	363683	41.167
37)	Hexachloroethane	(1)	5.290	117	121561	44.319
39)	Nitrobenzene	(2)	5.370	77	438876	48.419
41)	Isophorone	(2)	5.594	82	795804	41.213
42)	2-Nitrophenol	(2)	5.653	139	187952	60.037
44)	2,4-Dimethylphenol	(2)	5.728	107	390229	47.865
46)	bis(2-Chloroethoxy)methane	(2)	5.814	93	515177	54.415
49)	2,4-Dichlorophenol	(2)	5.878	162	270753	49.775
50)	1,2,4-Trichlorobenzene	(2)	5.937	180	263171	48.085
52)	Naphthalene-d8	(2)	5.979	136	775741	40.000
53)	Naphthalene	(2)	6.001	128	1066488	48.484
55)	4-Chloroaniline	(2)	6.065	127	407479	45.111
59)	Hexachlorobutadiene	(2)	6.119	225	137508	46.825
67)	4-Chloro-3-methylphenol	(2)	6.504	107	371081	50.415
69)	2-Methylnaphthalene	(2)	6.595	142	659281	46.998
71)	Hexachlorocyclopentadiene	(3)	6.734	237	221330	108.521
74)	2,4,6-Trichlorophenol	(3)	6.846	196	198351	52.615
76)	2,4,5-Trichlorophenol	(3)	6.878	196	220892	50.173
83)	2-Chloronaphthalene	(3)	7.001	162	604367	41.349
88)	2-Nitroaniline	(3)	7.103	138	252860	59.870
91)	Dimethylphthalate	(3)	7.274	163	682350	45.790
93)	2,6-Dinitrotoluene	(3)	7.317	165	184372	57.691
94)	Acenaphthylene	(3)	7.343	152	1133764	55.772
96)	3-Nitroaniline	(3)	7.445	138	218980	56.528
97)	Acenaphthene-d10	(3)	7.461	164	451928	40.000
98)	Acenaphthene	(3)	7.488	153	679277	50.017
99)	2,4-Dinitrophenol	(3)	7.536	184	92188	69.699
102)	4-Nitrophenol	(3)	7.611	109	53853	23.900
103)	Dibenzofuran	(3)	7.632	168	986196	49.292
104)	2,4-Dinitrotoluene	(3)	7.643	165	237941	60.327
108)	Diethylphthalate	(3)	7.857	149	807389	50.045
110)	Fluorene	(3)	7.910	166	826719	50.967

M = Compound was manually integrated. A = User selected an alternate hit

Quant Report

Target Revision 3.5

Data File: /chem/HP11165.i/07aug31.b/gh1140.d Instrument ID: HP11165.i
Injection date and time: 31-AUG-2007 12:05 Analyst ID: jmg00346

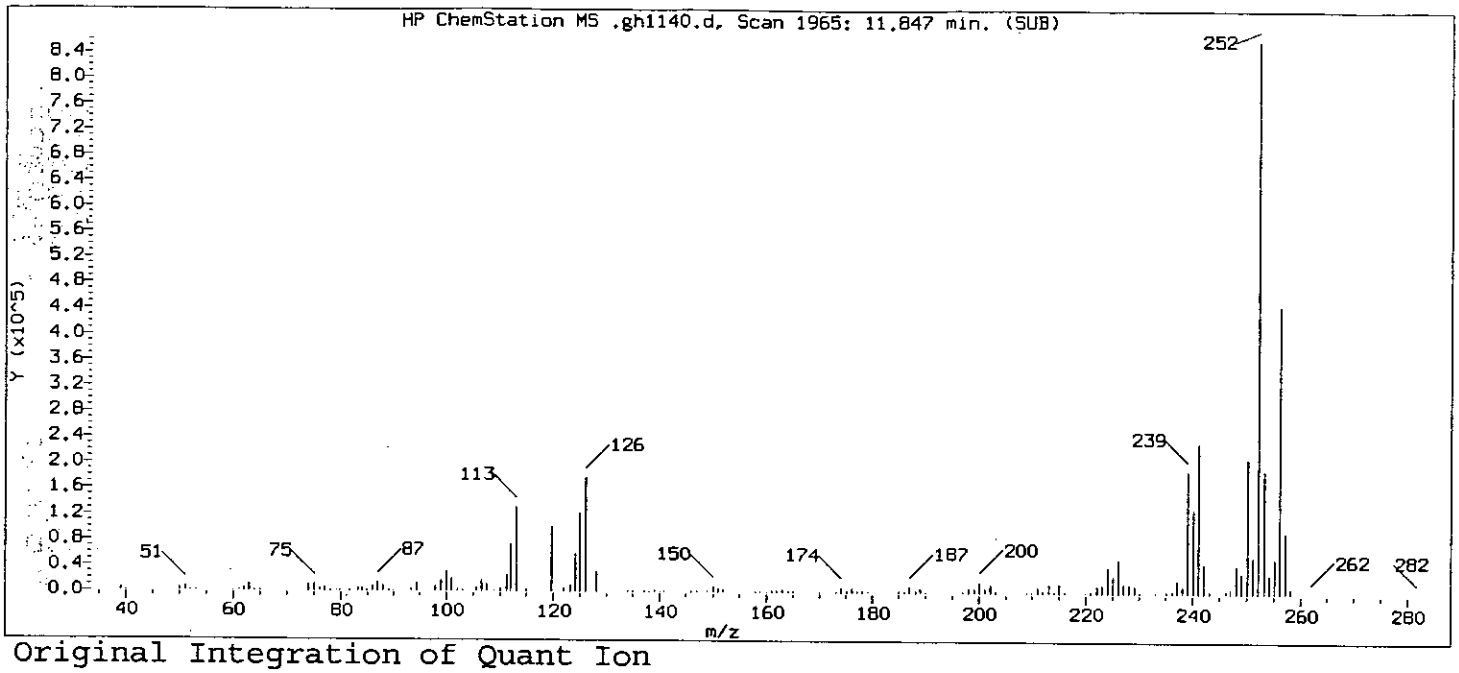
Method used: /chem/HP11165.i/07aug31.b/minti.m Sublist used: WTC8
Calibration date and time: 31-AUG-2007 15:24
Date, time and analyst ID of latest file update: 31-Aug-2007 15:32 gjd01970

Sample Name: 240WDLCS7 Lab Sample ID: 240WDLCS

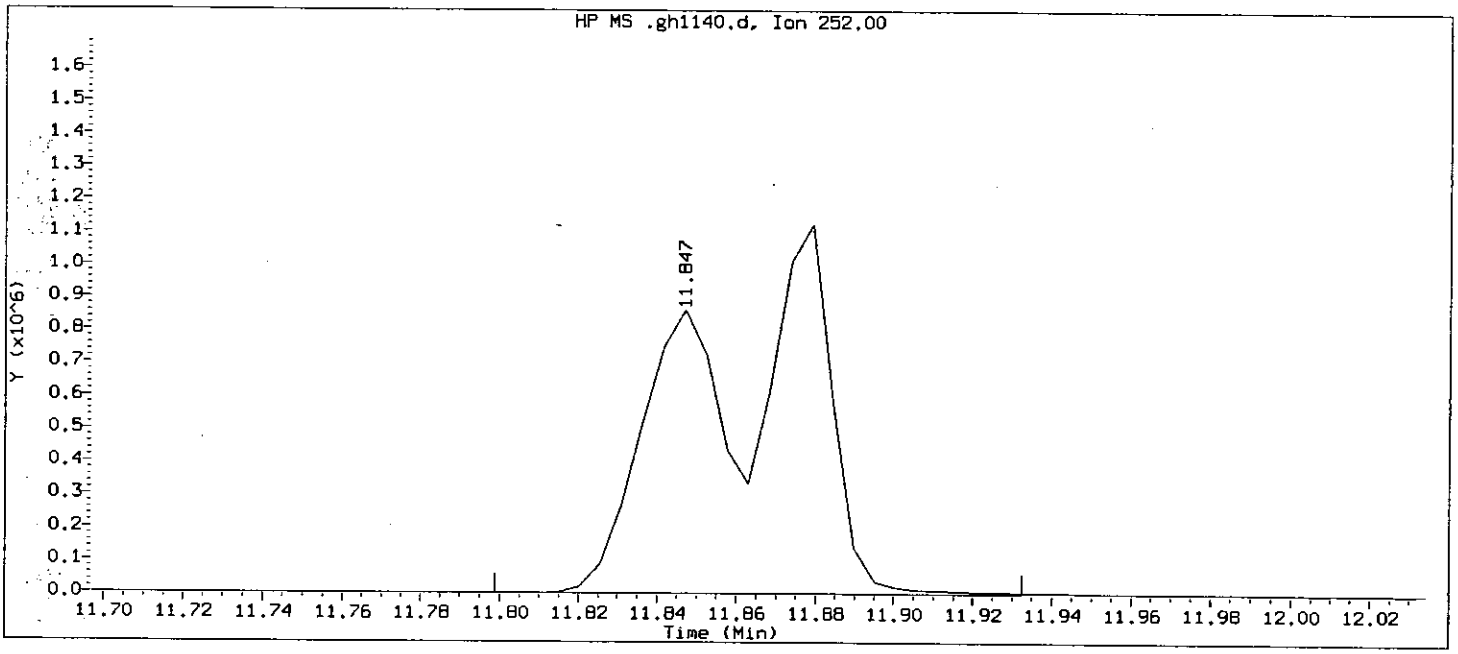
	Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
111)	4-Chlorophenyl-phenylether	(3)	7.926	204	362025	48.676
113)	4-Nitroaniline	(3)	7.948	138	212334	49.011
114)	4,6-Dinitro-2-methylphenol	(4)	7.975	198	123916	61.686
116)	N-Nitrosodiphenylamine	(4)	8.028	169	586884	49.573
124)	4-Bromophenyl-phenylether	(4)	8.322	248	198704	47.309
126)	Hexachlorobenzene	(4)	8.354	284	210022	48.176
130)	Pentachlorophenol	(4)	8.525	266	108697	49.125
134)	Phenanthrene-d10	(4)	8.670	188	878526	40.000
136)	Phenanthrene	(4)	8.691	178	1169779	52.643
137)	Anthracene	(4)	8.734	178	1171317	50.271
139)	Carbazole	(4)	8.873	167	1199149	52.207
141)	Di-n-butylphthalate	(4)	9.194	149	1448010	52.152
146)	Fluoranthene	(4)	9.659	202	1257671	47.209
153)	Pyrene	(5)	9.841	202	1357057	54.128
160)	Butylbenzylphthalate	(5)	10.408	149	632255	55.656
163)	3,3'-Dichlorobenzidine	(5)	10.820	252	359673	44.388
165)	Benzo(a)anthracene	(5)	10.825	228	1203303	53.386
166)	Chrysene-d12	(5)	10.836	240	732618	40.000
167)	Chrysene	(5)	10.857	228	1210354	54.014
168)	bis(2-Ethylhexyl)phthalate	(5)	10.906	149	854851	53.905
169)	Di-n-octylphthalate	(6)	11.526	149	1450059	60.608
171)	Benzo(b)fluoranthene	(6)	11.847	252	1288534M	59.659
172)	Benzo(k)fluoranthene	(6)	11.879	252	1250365M	58.857
173)	Benzo(a)pyrene	(6)	12.184	252	1126414	58.573
174)	Perylene-d12	(6)	12.243	264	560646	40.000
176)	Indeno(1,2,3-cd)pyrene	(6)	13.435	276	1233636	54.804
177)	Dibenz(a,h)anthracene	(6)	13.473	278	1101487	60.542
178)	Benzo(g,h,i)perylene	(6)	13.735	276	1045572	55.074
9)	2-Fluorophenol	(1)	3.514	112	926556	122.524
15)	Phenol-d6	(1)	4.519	99	868076	81.401
38)	Nitrobenzene-d5	(2)	5.354	82	815489	95.659
77)	2-Fluorobiphenyl	(3)	6.921	172	1323517	89.043
118)	2,4,6-Tribromophenol	(3)	8.114	330	373626	200.856
155)	Terphenyl-d14	(5)	9.991	244	1457799	97.141

M = Compound was manually integrated. A = User selected an alternate hit

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP11165.i/07aug31.b/gh1140.d Instrument ID: HP11165.i
Injection date and time: 31-AUG-2007 12:05 Analyst ID: jmg00346

Method used: /chem/HP11165.i/07aug31.b/minti.m Sublist used: WTC8
Calibration date and time: 31-AUG-2007 15:24
Date, time and analyst ID of latest file update: 31-Aug-2007 15:25 gjd01970

Sample Name: 240WDLCS7 Lab Sample ID: 240WDLCS

Compound Number	:	171
Compound Name	:	Benzo(b)fluoranthene
Scan Number	:	1965
Retention Time (minutes)	:	11.847
Quant Ion	:	252
Area	:	2432400
Concentration (ng/ul)	:	112.6206
Integration start scan	:	1955 Integration stop scan: 1980
Y at integration start	:	0 Y at integration end: 925

GS 470 8/31/07

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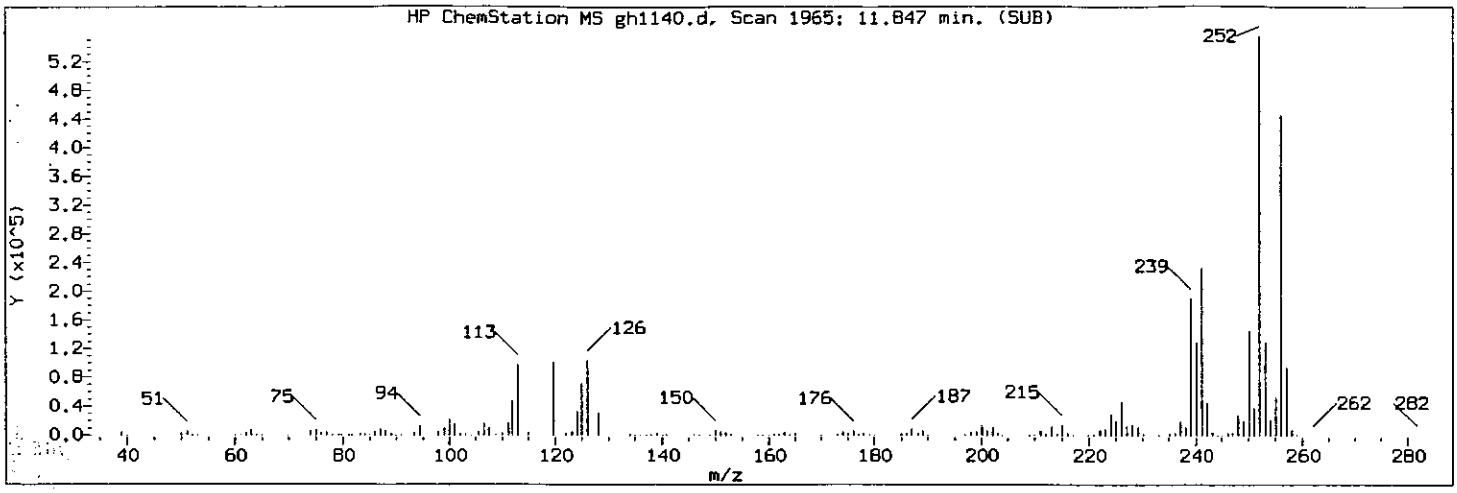
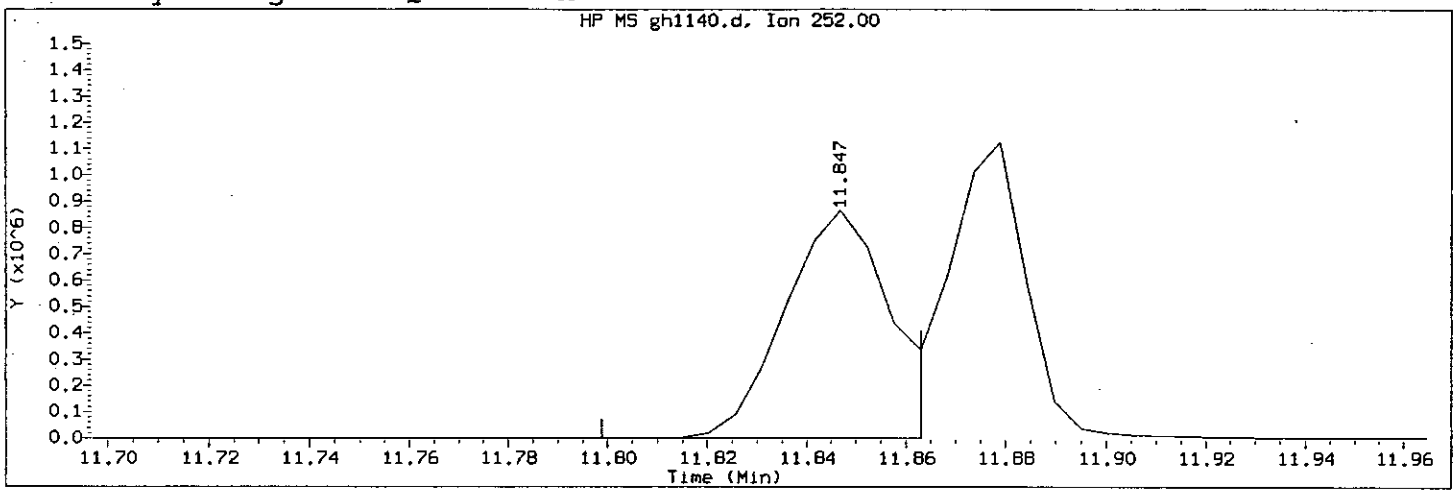
Original Integration Report for data file /chem/HP11165.i/07aug31.b/gh1140.d, generated on 08/31/2007 at 15:32

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP11165.i/07aug31.b/gh1140.d Instrument ID: HP11165.i
Injection date and time: 31-AUG-2007 12:05 Analyst ID: jmg00346

Method used: /chem/HP11165.i/07aug31.b/minti.m Sublist used: WTC8
Calibration date and time: 31-AUG-2007 15:24
Date, time and analyst ID of latest file update: 31-Aug-2007 15:32 gjd01970

Sample Name: 240WDLCS7 Lab Sample ID: 240WDLCS

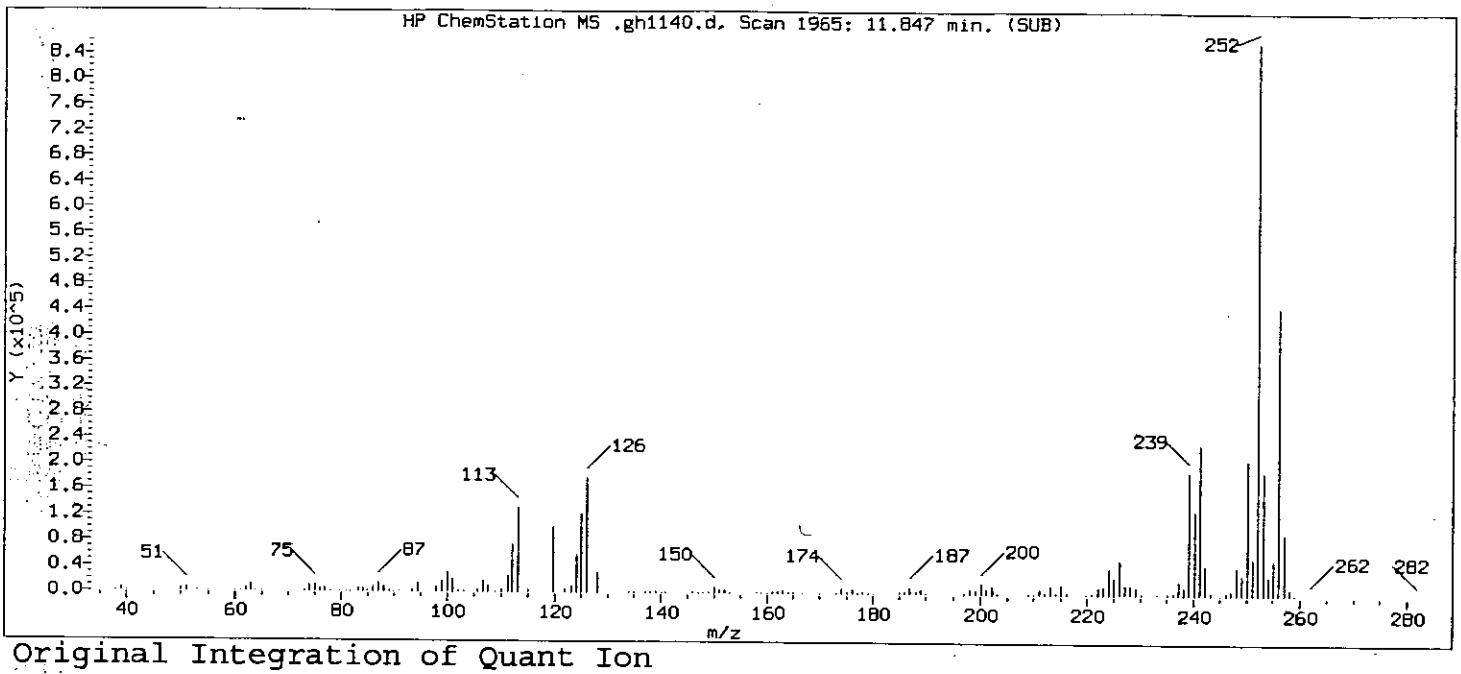
Compound Number	:	171
Compound Name	:	Benzo(b)fluoranthene
Scan Number	:	1965
Retention Time (minutes)	:	11.847
Quant Ion	:	252
Area (flag)	:	1288534 M
Concentration (ng/ul)	:	59.6595
Integration start scan	:	1955 Integration stop scan: 1967
Y at integration start	:	0 Y at integration end: 443

Reason for manual integration (circle one): missed peak (improper integration)

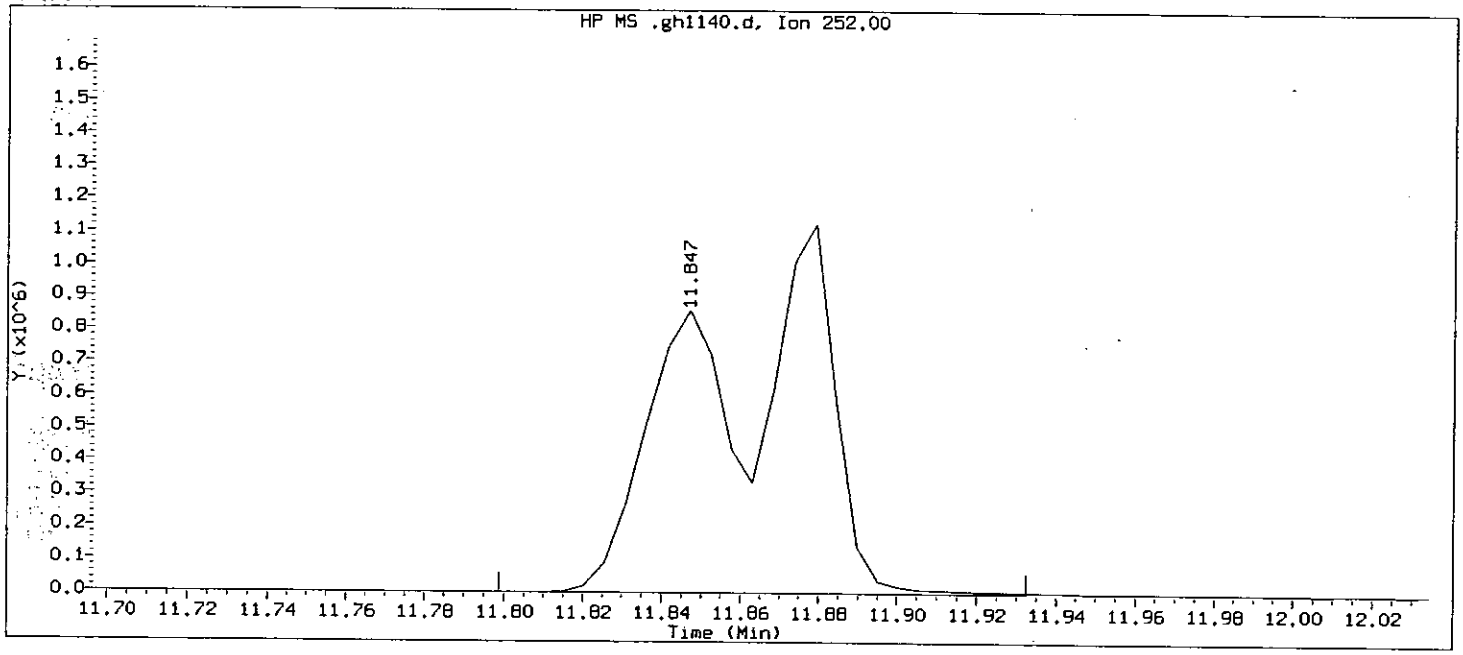
Analyst responsible for change: [signature] 8/31/07

GC/MS audit/management approval: [signature] 9/4/07 0852

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP11165.i/07aug31.b/gh1140.d Instrument ID: HP11165.i
Injection date and time: 31-AUG-2007 12:05 Analyst ID: jmg00346

Method used: /chem/HP11165.i/07aug31.b/minti.m Sublist used: WTC8
Calibration date and time: 31-AUG-2007 15:24
Date, time and analyst ID of latest file update: 31-Aug-2007 15:25 gjd01970

Sample Name: 240WDLCS7 Lab Sample ID: 240WDLCS

Compound Number	:	172
Compound Name	:	Benzo(k)fluoranthene
Scan Number	:	1965
Retention Time (minutes)	:	11.847
Quant Ion	:	252
Area	:	2432386
Concentration (ng/ul)	:	114.4975
Integration start scan	:	1955 Integration stop scan: 1980
Y at integration start	:	0 Y at integration end: 925

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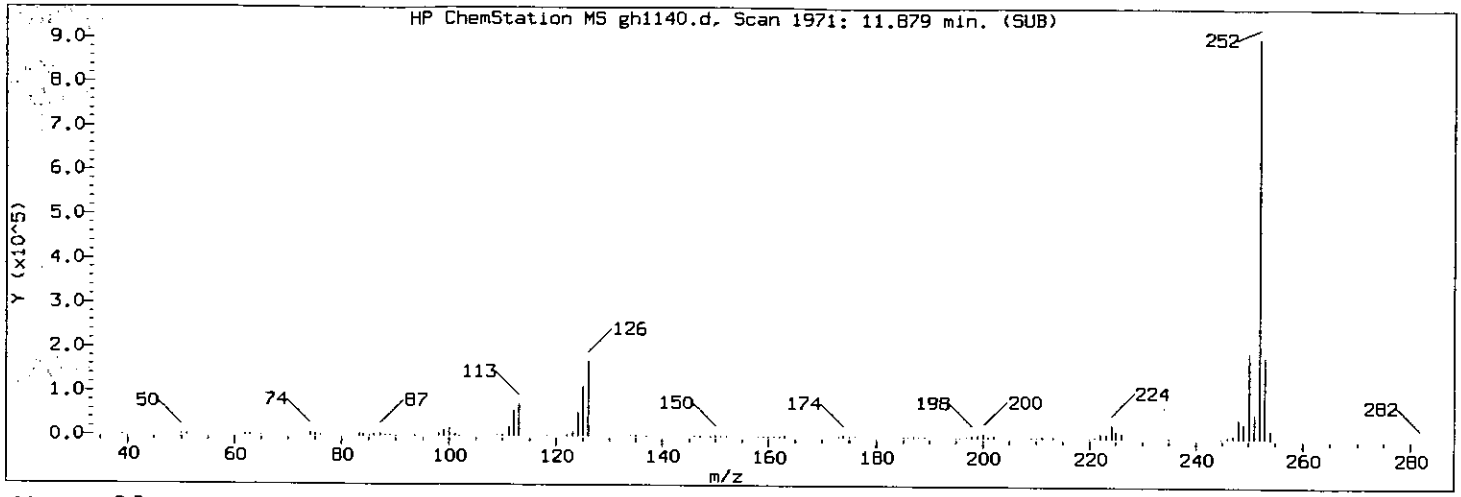
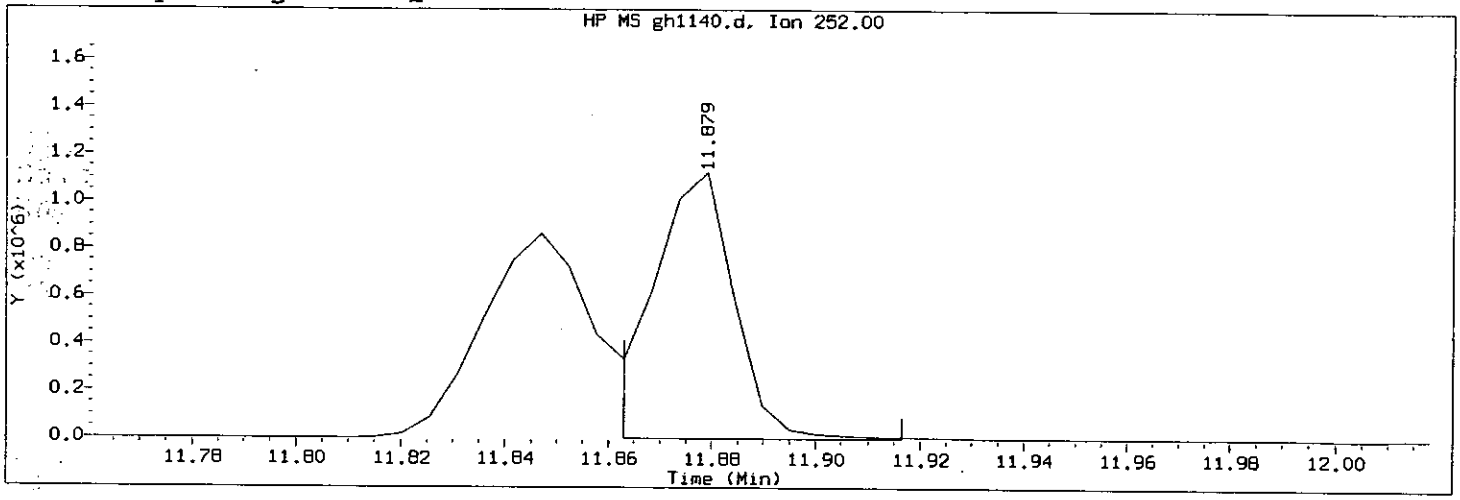
8853 8/31/19

Original Integration Report for data file /chem/HP11165.i/07aug31.b/gh1140.d, generated on 08/31/2007 at 15:32

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP11165.i/07aug31.b/gh1140.d Instrument ID: HP11165.i
Injection date and time: 31-AUG-2007 12:05 Analyst ID: jmg00346

Method used: /chem/HP11165.i/07aug31.b/minti.m Sublist used: WTC8
Calibration date and time: 31-AUG-2007 15:24
Date, time and analyst ID of latest file update: 31-Aug-2007 15:32 gjd01970

Sample Name: 240WDLCS7 Lab Sample ID: 240WDLCS

Compound Number	: 172
Compound Name	: Benzo(k)fluoranthene
Scan Number	: 1971
Retention Time (minutes)	: 11.879
Quant Ion	: 252
Area (flag)	: 1250365 M
Concentration (ng/ul)	: 58.8573
Integration start scan	: 1967 Integration stop scan: 1977
Y at integration start	: 0 Y at integration end: 0

Reason for manual integration (circle one): missed peak (improper integration)

Analyst responsible for change: 1470 8/3/07

GC/MS audit/management approval: 8854

Manual Integration Report for data file /chem/HP11165.i/07aug31.b/gh1140.d, generated on 08/31/2007 at 15:32

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

240WDLCSD7

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 240WDLCSD

Sample wt/vol: 1000 (g/mL)ML Lab File ID: gh1141.d

Level: (low/med) LOW Date Received:

% Moisture: not dec: dec: Date Extracted: 08/28/07

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/31/07

Injection Volume: 1 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Extraction: Sepf

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) LOQ UG/L	Q
108-95-2	Phenol	20	
111-44-4	bis(2-Chloroethyl)ether	47	
95-57-8	2-Chlorophenol	48	
541-73-1	1,3-Dichlorobenzene	45	
106-46-7	1,4-Dichlorobenzene	46	
95-50-1	1,2-Dichlorobenzene	45	
95-48-7	2-Methylphenol	41	
108-60-1	2,2'-oxybis(1-Chloropropane)	55	
621-64-7	N-Nitroso-di-n-propylamine	46	
106-44-5	4-Methylphenol	39	
67-72-1	Hexachloroethane	43	
98-95-3	Nitrobenzene	49	
78-59-1	Isophorone	41	
88-75-5	2-Nitrophenol	60	
105-67-9	2,4-Dimethylphenol	48	
111-91-1	bis(2-Chloroethoxy)methane	53	
120-83-2	2,4-Dichlorophenol	49	
120-82-1	1,2,4-Trichlorobenzene	47	
91-20-3	Naphthalene	47	
106-47-8	4-Chloroaniline	49	
87-68-3	Hexachlorobutadiene	45	
59-50-7	4-Chloro-3-methylphenol	49	
91-57-6	2-Methylnaphthalene	46	
77-47-4	Hexachlorocyclopentadiene	110	
88-06-2	2,4,6-Trichlorophenol	52	
95-95-4	2,4,5-Trichlorophenol	49	
91-58-7	2-Chloronaphthalene	41	
88-74-4	2-Nitroaniline	60	
131-11-3	Dimethylphthalate	45	
606-20-2	2,6-Dinitrotoluene	58	

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1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

240WDLCSD7

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 240WDLCSD

Sample wt/vol: 1000 (g/mL)ML Lab File ID: gh1141.d

Level: (low/med) LOW Date Received:

% Moisture: not dec: dec: Date Extracted: 08/28/07

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/31/07

Injection Volume: 1 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Extraction: Sepf

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	LOQ	UG/L	Q
208-96-8	Acenaphthylene		55		
99-09-2	3-Nitroaniline		56		
83-32-9	Acenaphthene		50		
51-28-5	2,4-Dinitrophenol		68		
100-02-7	4-Nitrophenol		20		J
132-64-9	Dibenzofuran		49		
121-14-2	2,4-Dinitrotoluene		60		
84-66-2	Diethylphthalate		49		
86-73-7	Fluorene		50		
7005-72-3	4-Chlorophenyl-phenylether		49		
100-01-6	4-Nitroaniline		49		
534-52-1	4,6-Dinitro-2-methylphenol		62		
86-30-6	N-Nitrosodiphenylamine		49		
101-55-3	4-Bromophenyl-phenylether		46		
118-74-1	Hexachlorobenzene		48		
87-86-5	Pentachlorophenol		51		
85-01-8	Phenanthrene		52		
120-12-7	Anthracene		50		
86-74-8	Carbazole		52		
84-74-2	Di-n-butylphthalate		51		
206-44-0	Fluoranthene		47		
129-00-0	Pyrene		53		
85-68-7	Butylbenzylphthalate		54		
91-94-1	3,3'-Dichlorobenzidine		51		
56-55-3	Benzo(a)anthracene		53		
218-01-9	Chrysene		54		
117-81-7	bis(2-Ethylhexyl)phthalate		53		
117-84-0	Di-n-octylphthalate		60		
205-99-2	Benzo(b)fluoranthene		58		
207-08-9	Benzo(k)fluoranthene		61		

8856

1C cont

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

240WDLCSD7

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 240WDLCSD

Sample wt/vol: 1000 (g/mL)ML Lab File ID: gh1141.d

Level: (low/med) LOW Date Received:

% Moisture: not dec: dec: Date Extracted: 08/28/07

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/31/07

Injection Volume: 1 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Extraction: Sepf

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	LOQ	UG/L	Q
50-32-8	Benzo(a)pyrene			59	
193-39-5	Indeno(1,2,3-cd)pyrene			55	
53-70-3	Dibenz(a,h)anthracene			62	
191-24-2	Benzo(g,h,i)perylene			56	

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240WDLCSD7 Lancaster Labs Quantitation Report GC/MS Semi-Volatiles 240WDLCSD

Data file: /chem/HP11165.i/07aug31.b/gh1141.d Blank Data file reference:**/chem/HP11165.i/07aug31.b/gh1139.d**
Injection date and time: 31-AUG-2007 12:29 Instrument ID: HP11165.i Batch: 07240WAD
Date, time and analyst ID of latest file update: 31-Aug-2007 15:33 gjd01970

Method used: /chem/HP11165.i/07aug31.b/minti.m Sublist used: **WTC8**
Calibration date and time (Last Method Edit): 31-AUG-2007 15:24
Mid Level Daily Calibration Standard Reference: /chem/HP11165.i/07aug31.b/gh1131.d

Sample Concentration Formula: On-Column Amount * DF * Uf * Vt/(Vo * Vi) Matrix: WATER GPC Cleanup: No

Dilution Factor (DF): 1 Unit Correction Factor (Uf): 1 Volume Injected (Vi): 1 ul
GPC Cleanup Factor (gpcf): 1 Sample Volume (Vo): 1000.0 ml Final Extract Volume (Vt): 1000 ul

Internal Standards	RT (+/-RT)	Scan	QIon	Area(+/- %Area)	Conc(ng/ul)	QC Flag
21) 1,4-Dichlorobenzene-d4	4.824(0.002)	652	152.0	198265(6)	40.00	
52) Naphthalene-d8	5.979(0.002)	868	136.0	870660(4)	40.00	
97) Acenaphthene-d10	7.461(0.002)	1145	164.0	500766(0)	40.00	
134) Phenanthrene-d10	8.675(-0.004)	1372	188.0	970881(1)	40.00	
166) Chrysene-d12	10.836(0.002)	1776	240.0	828880(-3)	40.00	
174) Perylene-d12	12.243(0.002)	2039	264.0	636756(-15)	40.00	

= RETENTION TIME OUT OF RANGE * = INTERNAL STANDARD OUT OF RANGE NC = NOT ABLE TO CALCULATE

Surrogate Standards	I.S. Ref.	RT (+/-RRT)	QIon	Area	Conc. (on column)	%Rec.	QC flags	QC Limits
9) 2-Fluorophenol	(1)	3.514(-0.001)	112	960800	113.899	57%		10 - 103
15) Phenol-d6	(1)	4.525(-0.002)	99	853338	71.734	36%		10 - 82
38) Nitrobenzene-d5	(2)	5.354(-0.001)	82	908296	94.930	95%		51 - 123
77) 2-Fluorobiphenyl	(3)	6.921(-0.001)	172	1435155	87.137	87%		63 - 118
118) 2,4,6-Tribromophenol	(3)	8.114(-0.001)	330	414184	200.944	100%		20 - 159
155) Terphenyl-d14	(5)	9.991(0.000)	244	1622104	95.536	96%		52 - 151

= RELATIVE RETENTION TIME OUT OF RANGE * = PERCENT REC.OUT OF RANGE D = DILUTED OUT NC = NOT ABLE TO CALCULATE

Target Compounds	I.S. Ref.	RT (+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit (ng/ul)
16) Phenol	(1)	4.535(-0.001)	94	253064	19.932	19.93			1.00
18) bis(2-Chloroethyl)ether	(1)	4.605(-0.001)	93	474247	47.261	47.26			1.00
19) 2-Chlorophenol	(1)	4.621(-0.001)	128	383688	48.412	48.41			1.00
20) 1,3-Dichlorobenzene	(1)	4.765(-0.001)	146	336297	44.609	44.61			1.00
22) 1,4-Dichlorobenzene	(1)	4.840(0.000)	146	354085	45.557	45.56			1.00
25) 1,2-Dichlorobenzene	(1)	4.979(-0.001)	146	325765	44.734	44.73			1.00
26) 2-Methylphenol	(1)	5.113(0.000)	108	363125	40.961	40.96			1.00
27) 2,2'-oxybis(1-Chloropropane)	(1)	5.124(-0.001)	45	524904	55.309	55.31			1.00
31) N-Nitroso-di-n-propylamine	(1)	5.247(-0.001)	70	341756	46.444	46.44			1.00
33) 4-Methylphenol	(1)	5.257(-0.001)	108	388924	39.466	39.47			2.00
37) Hexachloroethane	(1)	5.289(0.000)	117	131922	43.117	43.12			1.00
39) Nitrobenzene	(2)	5.370(-0.001)	77	494299	48.589	48.59			1.00
41) Isophorone	(2)	5.600(-0.001)	82	885071	40.839	40.84			1.00
42) 2-Nitrophenol	(2)	5.653(0.000)	139	212573	60.499	60.50			1.00
44) 2,4-Dimethylphenol	(2)	5.728(-0.001)	107	435551	47.600	47.60			3.00
46) bis(2-Chloroethoxy)methane	(2)	5.814(-0.001)	93	564291	53.105	53.11			1.00
49) 2,4-Dichlorophenol	(2)	5.878(-0.001)	162	299857	49.116	49.12			1.00
50) 1,2,4-Trichlorobenzene	(2)	5.937(0.000)	180	286699	46.673	46.67			1.00
53) Naphthalene	(2)	6.001(-0.001)	128	1169754	47.381	47.38			1.00
55) 4-Chloroaniline	(2)	6.065(0.000)	127	492168	48.547	48.55			1.00
59) Hexachlorobutadiene	(2)	6.118(0.000)	225	149115	45.241	45.24			1.00
67) 4-Chloro-3-methylphenol	(2)	6.504(0.000)	107	408920	49.499	49.50			1.00

240WDLCSD7 Lancaster Labs Quantitation Report GC/MS Semi-Volatiles 240WDLCSD

Data file: /chem/HP11165.i/07aug31.b/gh1141.d Blank Data file reference:**/chem/HP11165.i/07aug31.b/gh1139.d**
Injection date and time: 31-AUG-2007 12:29 Instrument ID: HP11165.i Batch: 07240WAD
Date, time and analyst ID of latest file update: 31-Aug-2007 15:33 gjd01970

Method used: /chem/HP11165.i/07aug31.b/minti.m Sublist used: **WTC8**
Calibration date and time (Last Method Edit): 31-AUG-2007 15:24
Mid Level Daily Calibration Standard Reference: /chem/HP11165.i/07aug31.b/gh1131.d

Sample Concentration Formula: On-Column Amount * DF * Uf * Vt/(Vo * Vi) Matrix: WATER GPC Cleanup: No

Dilution Factor (DF): 1 Unit Correction Factor (Uf): 1 Volume Injected (Vi): 1 ul
GPC Cleanup Factor (gpcf): 1 Sample Volume (Vo): 1000.0 ml Final Extract Volume (Vt): 1000 ul

Target Compounds	I.S. Ref.	RT (+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit (ng/ul)
69) 2-Methylnaphthalene	(2)	6.594(0.000)	142	728218	46.253	46.25			1.00
71) Hexachlorocyclopentadiene	(3)	6.734(0.000)	237	257473	113.650	113.65			5.00
74) 2,4,6-Trichlorophenol	(3)	6.846(0.000)	196	218307	52.261	52.26			1.00
76) 2,4,5-Trichlorophenol	(3)	6.878(0.000)	196	239240	49.041	49.04			1.00
83) 2-Chloronaphthalene	(3)	7.001(0.000)	162	656220	40.518	40.52			2.00
88) 2-Nitroaniline	(3)	7.103(-0.001)	138	281586	60.169	60.17			1.00
91) Dimethylphthalate	(3)	7.274(-0.001)	163	738404	44.719	44.72			2.00
93) 2,6-Dinitrotoluene	(3)	7.317(-0.001)	165	203623	57.501	57.50			1.00
94) Acenaphthylene	(3)	7.343(-0.001)	152	1237233	54.927	54.93			1.00
96) 3-Nitroaniline	(3)	7.445(-0.001)	138	241599	56.284	56.28			1.00
98) Acenaphthene	(3)	7.488(-0.001)	153	752180	49.984	49.98			1.00
99) 2,4-Dinitrophenol	(3)	7.541(-0.001)	184	99797	68.333	68.33			20.00
102) 4-Nitrophenol	(3)	7.611(-0.001)	109	51074	20.456	20.46			10.00
103) Dibenzofuran	(3)	7.632(-0.001)	168	1086497	49.009	49.01			1.00
104) 2,4-Dinitrotoluene	(3)	7.648(-0.001)	165	263750	60.349	60.35			1.00
108) Diethylphthalate	(3)	7.857(0.000)	149	884854	49.497	49.50			2.00
110) Fluorene	(3)	7.910(0.000)	166	903420	50.263	50.26			1.00
111) 4-Chlorophenyl-phenylether	(3)	7.926(0.000)	204	399704	48.501	48.50			2.00
113) 4-Nitroaniline	(3)	7.948(-0.001)	138	237102	49.390	49.39			1.00
114) 4,6-Dinitro-2-methylphenol	(4)	7.974(0.000)	198	138177	62.195	62.19			5.00
116) N-Nitrosodiphenylamine	(4)	8.028(0.000)	169	644360	49.251	49.25			2.00
124) 4-Bromophenyl-phenylether	(4)	8.322(0.001)	248	215531	46.434	46.43			1.00
126) Hexachlorobenzene	(4)	8.354(0.001)	284	232513	48.261	48.26			1.00
130) Pentachlorophenol	(4)	8.525(0.001)	266	125904	51.489	51.49			3.00
136) Phenanthrene	(4)	8.691(0.001)	178	1287795	52.441	52.44			1.00
137) Anthracene	(4)	8.734(0.001)	178	1295531	50.313	50.31			1.00
139) Carbazole	(4)	8.873(0.001)	167	1312372	51.701	51.70			1.00
141) Di-n-butylphthalate	(4)	9.194(0.001)	149	1578266	51.436	51.44			2.00
146) Fluoranthene	(4)	9.659(0.001)	202	1397157	47.456	47.46			1.00
153) Pyrene	(5)	9.841(0.000)	202	1513238	53.348	53.35			1.00
160) Butylbenzylphthalate	(5)	10.408(0.000)	149	694948	54.070	54.07			2.00
163) 3,3'-Dichlorobenzidine	(5)	10.825(0.000)	252	467027	50.943	50.94			2.00
165) Benzo(a)anthracene	(5)	10.831(-0.001)	228	1341399	52.601	52.60			1.00
167) Chrysene	(5)	10.857(0.000)	228	1372331	54.130	54.13			1.00
168) bis(2-Ethylhexyl)phthalate	(5)	10.906(0.000)	149	959774	53.492	53.49			2.00
169) Di-n-octylphthalate	(6)	11.526(0.000)	149	1630975	60.021	60.02			2.00
171) Benzo(b)fluoranthene	(6)	11.852(-0.001)	252	1419728	57.877	57.88			1.00
172) Benzo(k)fluoranthene	(6)	11.879(0.000)	252	1463585	60.659	60.66			1.00
173) Benzo(a)pyrene	(6)	12.184(0.000)	252	1297921	59.424	59.42			1.00
176) Indeno(1,2,3-cd)pyrene	(6)	13.441(0.000)	276	1412033	55.231	55.23			1.00
177) Dibenz(a,h)anthracene	(6)	13.473(0.000)	278	1278701	61.882	61.88			1.00

240WDLCSD7 Lancaster Labs Quantitation Report GC/MS Semi-Volatiles 240WDLCSD

Data file: /chem/HP11165.i/07aug31.b/gh1141.d Blank Data file reference:**/chem/HP11165.i/07aug31.b/gh1139.d**
Injection date and time: 31-AUG-2007 12:29 Instrument ID: HP11165.i Batch: 07240WAD
Date, time and analyst ID of latest file update: 31-Aug-2007 15:33 gjd01970

Method used: /chem/HP11165.i/07aug31.b/minti.m Sublist used: **WTC8**
Calibration date and time (Last Method Edit): 31-AUG-2007 15:24
Mid Level Daily Calibration Standard Reference: /chem/HP11165.i/07aug31.b/gh1131.d

Sample Concentration Formula: On-Column Amount * DF * Uf * Vt/(Vo * Vi) Matrix: WATER GPC Cleanup: No

Dilution Factor (DF): 1 Unit Correction Factor (Uf): 1 Volume Injected (Vi): 1 ul
GPC Cleanup Factor (gpcf): 1 Sample Volume (Vo): 1000.0 ml Final Extract Volume (Vt): 1000 ul

Target Compounds	I.S. Ref.	RT	(+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit (ng/ul)
178) Benzo(g,h,i)perylene	(6)	13.740	(-0.001)	276	1199264	55.619	55.62			1.00

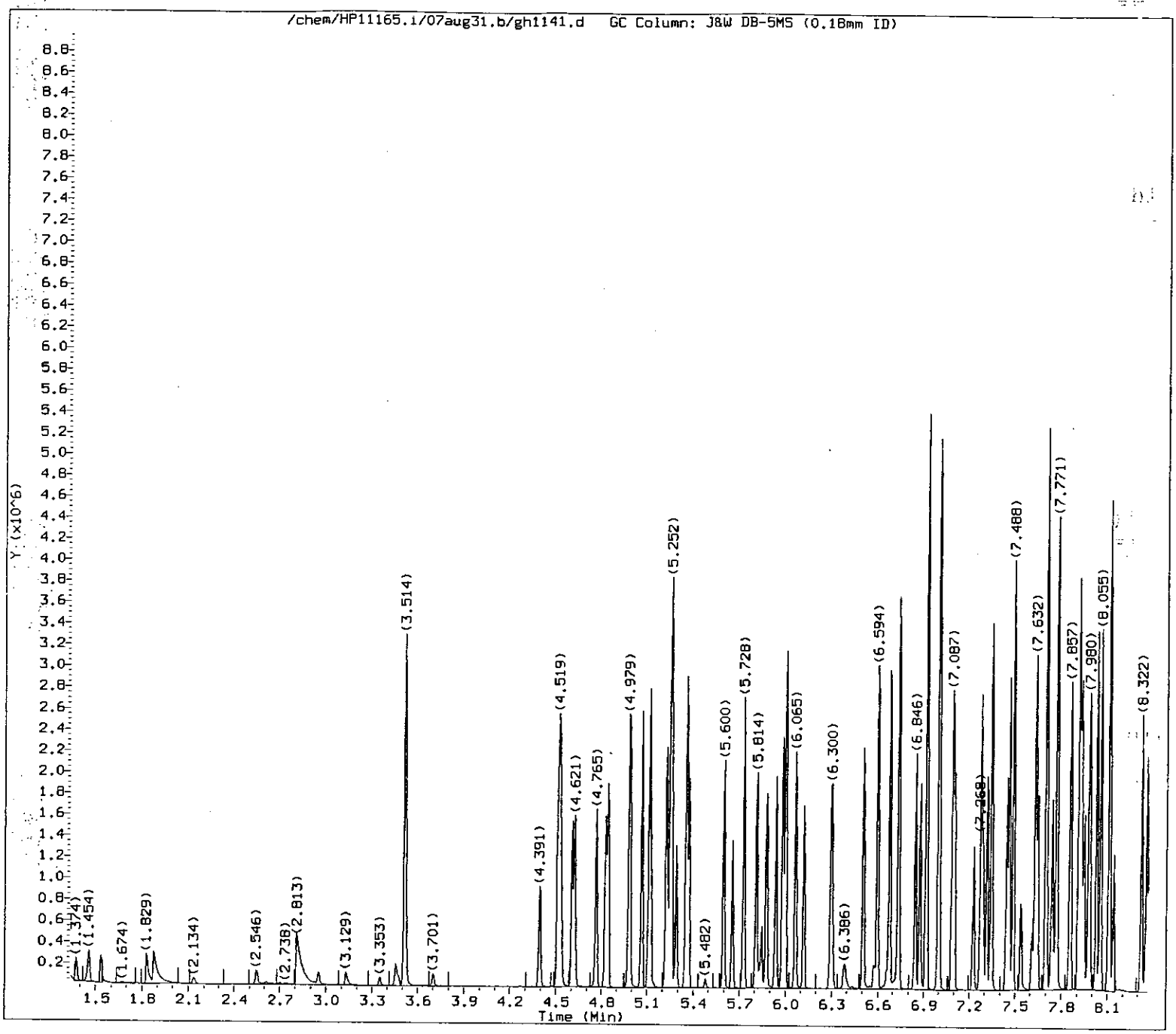
E = CONC. OUT OF CAL. RANGE # = RELATIVE RETENTION TIME OUT OF RANGE

Total number of targets = 64

Comments:

Analyst: 1970 Date: 8/31/07
Auditor: Date: 9/4/07

8868



Quant Report

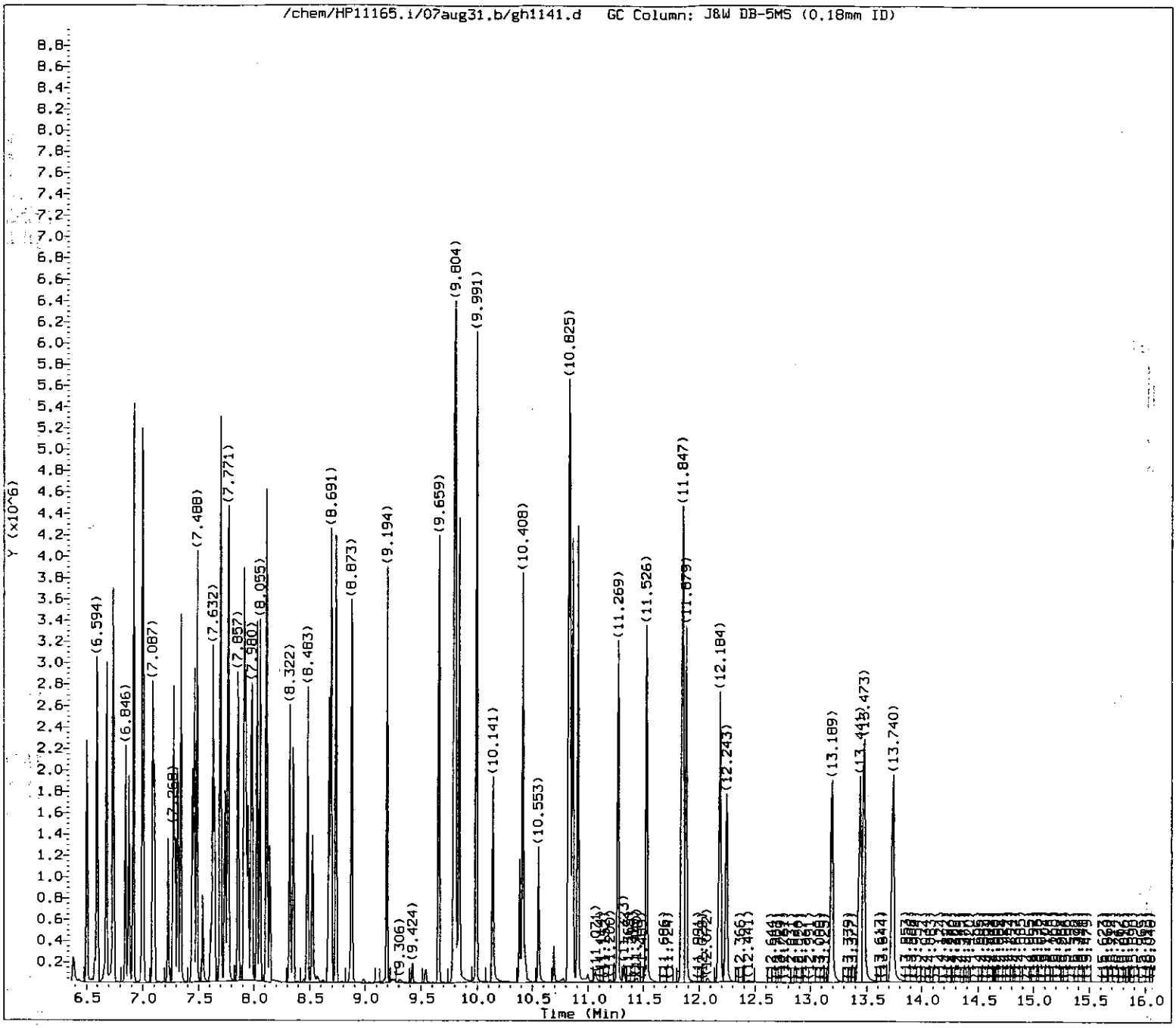
Target Revision 3.5

Data File: /chem/HP11165.i/07aug31.b/gh1141.d Instrument ID: HP11165.i
Injection date and time: 31-AUG-2007 12:29 Analyst ID: jmg00346

Method used: /chem/HP11165.i/07aug31.b/minti.m Sublist used: WTC8
Calibration date and time: 31-AUG-2007 15:24
Date, time and analyst ID of latest file update: 31-Aug-2007 15:33 gjd01970

Sample Name: 240WDLCSD7 Lab Sample ID: 240WDLCSD

8861 GS 17a 8/31/07



Quant Report

Target Revision 3.5

Data File: /chem/HP11165.i/07aug31.b/gh1141.d Instrument ID: HP11165.i
Injection date and time: 31-AUG-2007 12:29 Analyst ID: jmg00346

Method used: /chem/HP11165.i/07aug31.b/minti.m Sublist used: WTC8
Calibration date and time: 31-AUG-2007 15:24
Date, time and analyst ID of latest file update: 31-Aug-2007 15:33 gjd01970

Sample Name: 240WDLCSD7 Lab Sample ID: 240WDLCSD

8862 GB1970 8/31/07

Quant Report

Target Revision 3.5

Data File: /chem/HP11165.i/07aug31.b/gh1141.d Instrument ID: HP11165.i
Injection date and time: 31-AUG-2007 12:29 Analyst ID: jmg00346

Method used: /chem/HP11165.i/07aug31.b/minti.m Sublist used: WTC8
Calibration date and time: 31-AUG-2007 15:24
Date, time and analyst ID of latest file update: 31-Aug-2007 15:33 gjd01970

Sample Name: 240WDLCSD7 Lab Sample ID: 240WDLCSD

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
16) Phenol	(1)	4.535	94	253064	19.932
18) bis(2-Chloroethyl)ether	(1)	4.605	93	474247	47.261
19) 2-Chlorophenol	(1)	4.621	128	383688	48.412
20) 1,3-Dichlorobenzene	(1)	4.765	146	336297	44.609
21) 1,4-Dichlorobenzene-d4	(1)	4.824	152	198265	40.000
22) 1,4-Dichlorobenzene	(1)	4.840	146	354085	45.557
25) 1,2-Dichlorobenzene	(1)	4.979	146	325765	44.734
26) 2-Methylphenol	(1)	5.113	108	363125	40.961
27) 2,2'-oxybis(1-Chloropropane)	(1)	5.124	45	524904	55.309
31) N-Nitroso-di-n-propylamine	(1)	5.247	70	341756	46.444
33) 4-Methylphenol	(1)	5.257	108	388924	39.466
37) Hexachloroethane	(1)	5.289	117	131922	43.117
39) Nitrobenzene	(2)	5.370	77	494299	48.589
41) Isophorone	(2)	5.600	82	885071	40.839
42) 2-Nitrophenol	(2)	5.653	139	212573	60.499
44) 2,4-Dimethylphenol	(2)	5.728	107	435551	47.600
46) bis(2-Chloroethoxy)methane	(2)	5.814	93	564291	53.105
49) 2,4-Dichlorophenol	(2)	5.878	162	299857	49.116
50) 1,2,4-Trichlorobenzene	(2)	5.937	180	286699	46.673
52) Naphthalene-d8	(2)	5.979	136	870660	40.000
53) Naphthalene	(2)	6.001	128	1169754	47.381
55) 4-Chloroaniline	(2)	6.065	127	492168	48.547
59) Hexachlorobutadiene	(2)	6.118	225	149115	45.241
67) 4-Chloro-3-methylphenol	(2)	6.504	107	408920	49.499
69) 2-Methylnaphthalene	(2)	6.594	142	728218	46.253
71) Hexachlorocyclopentadiene	(3)	6.734	237	257473	113.650
74) 2,4,6-Trichlorophenol	(3)	6.846	196	218307	52.261
76) 2,4,5-Trichlorophenol	(3)	6.878	196	239240	49.041
83) 2-Chloronaphthalene	(3)	7.001	162	656220	40.518
88) 2-Nitroaniline	(3)	7.103	138	281586	60.169
91) Dimethylphthalate	(3)	7.274	163	738404	44.719
93) 2,6-Dinitrotoluene	(3)	7.317	165	203623	57.501
94) Acenaphthylene	(3)	7.343	152	1237233	54.927
96) 3-Nitroaniline	(3)	7.445	138	241599	56.284
97) Acenaphthene-d10	(3)	7.461	164	500766	40.000
98) Acenaphthene	(3)	7.488	153	752180	49.984
99) 2,4-Dinitrophenol	(3)	7.541	184	99797	68.333
102) 4-Nitrophenol	(3)	7.611	109	51074	20.456
103) Dibenzofuran	(3)	7.632	168	1086497	49.009
104) 2,4-Dinitrotoluene	(3)	7.648	165	263750	60.349
108) Diethylphthalate	(3)	7.857	149	884854	49.497
110) Fluorene	(3)	7.910	166	903420	50.263

M = Compound was manually integrated. A = User selected an alternate hit

Quant Report

Target Revision 3.5

Data File: /chem/HP11165.i/07aug31.b/gh1141.d Instrument ID: HP11165.i
Injection date and time: 31-AUG-2007 12:29 Analyst ID: jmg00346

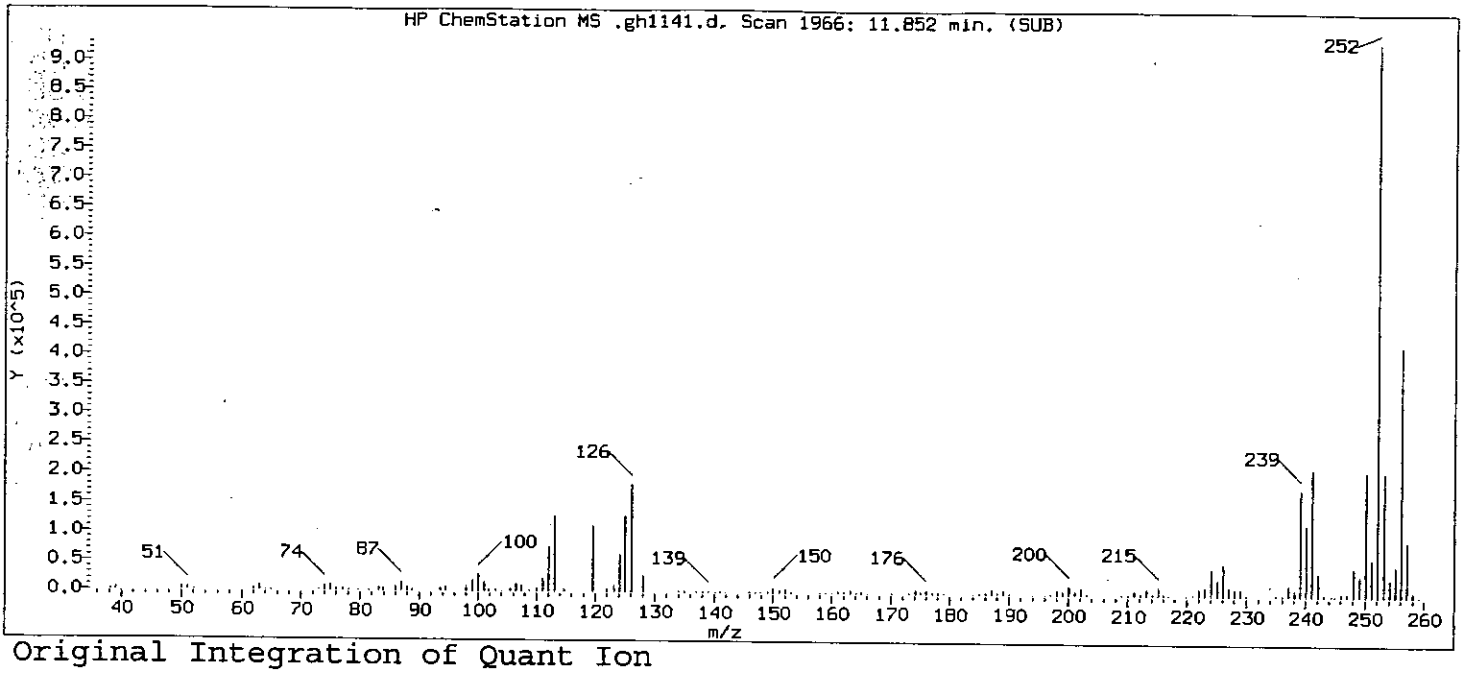
Method used: /chem/HP11165.i/07aug31.b/minti.m Sublist used: WTC8
Calibration date and time: 31-AUG-2007 15:24
Date, time and analyst ID of latest file update: 31-Aug-2007 15:33 gjd01970

Sample Name: 240WDLCSD7 Lab Sample ID: 240WDLCSD

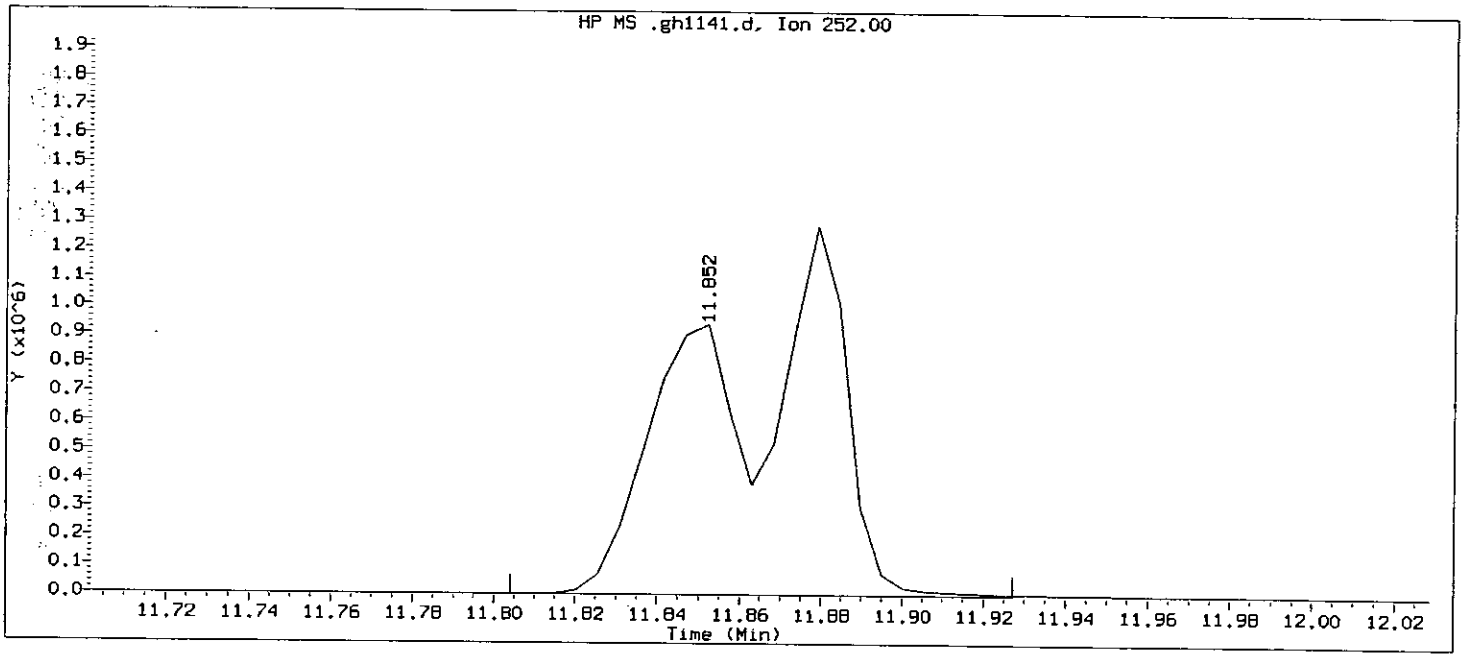
	Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
111)	4-Chlorophenyl-phenylether	(3)	7.926	204	399704	48.501
113)	4-Nitroaniline	(3)	7.948	138	237102	49.390
114)	4,6-Dinitro-2-methylphenol	(4)	7.974	198	138177	62.195
116)	N-Nitrosodiphenylamine	(4)	8.028	169	644360	49.251
124)	4-Bromophenyl-phenylether	(4)	8.322	248	215531	46.434
126)	Hexachlorobenzene	(4)	8.354	284	232513	48.261
130)	Pentachlorophenol	(4)	8.525	266	125904	51.489
134)	Phenanthrene-d10	(4)	8.675	188	970881	40.000
136)	Phenanthrene	(4)	8.691	178	1287795	52.441
137)	Anthracene	(4)	8.734	178	1295531	50.313
139)	Carbazole	(4)	8.873	167	1312372	51.701
141)	Di-n-butylphthalate	(4)	9.194	149	1578266	51.436
146)	Fluoranthene	(4)	9.659	202	1397157	47.456
153)	Pyrene	(5)	9.841	202	1513238	53.348
160)	Butylbenzylphthalate	(5)	10.408	149	694948	54.070
163)	3,3'-Dichlorobenzidine	(5)	10.825	252	467027	50.943
165)	Benzo(a)anthracene	(5)	10.831	228	1341399	52.601
166)	Chrysene-d12	(5)	10.836	240	828880	40.000
167)	Chrysene	(5)	10.857	228	1372331	54.130
168)	bis(2-Ethylhexyl)phthalate	(5)	10.906	149	959774	53.492
169)	Di-n-octylphthalate	(6)	11.526	149	1630975	60.021
171)	Benzo(b)fluoranthene	(6)	11.852	252	1419728M	57.877
172)	Benzo(k)fluoranthene	(6)	11.879	252	1463585M	60.659
173)	Benzo(a)pyrene	(6)	12.184	252	1297921	59.424
174)	Perylene-d12	(6)	12.243	264	636756	40.000
176)	Indeno(1,2,3-cd)pyrene	(6)	13.441	276	1412033	55.231
177)	Dibenz(a,h)anthracene	(6)	13.473	278	1278701	61.882
178)	Benzo(g,h,i)perylene	(6)	13.740	276	1199264	55.619
9)	2-Fluorophenol	(1)	3.514	112	960800	113.899
15)	Phenol-d6	(1)	4.525	99	853338	71.734
38)	Nitrobenzene-d5	(2)	5.354	82	908296	94.930
77)	2-Fluorobiphenyl	(3)	6.921	172	1435155	87.137
118)	2,4,6-Tribromophenol	(3)	8.114	330	414184	200.944
155)	Terphenyl-d14	(5)	9.991	244	1622104	95.536

M = Compound was manually integrated. A = User selected an alternate hit

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP11165.i/07aug31.b/gh1141.d Instrument ID: HP11165.i
Injection date and time: 31-AUG-2007 12:29 Analyst ID: jmg00346

Method used: /chem/HP11165.i/07aug31.b/minti.m Sublist used: WTC8
Calibration date and time: 31-AUG-2007 15:24
Date, time and analyst ID of latest file update: 31-Aug-2007 15:25 gjd01970

Sample Name: 240WDLCSD7 Lab Sample ID: 240WDLCSD

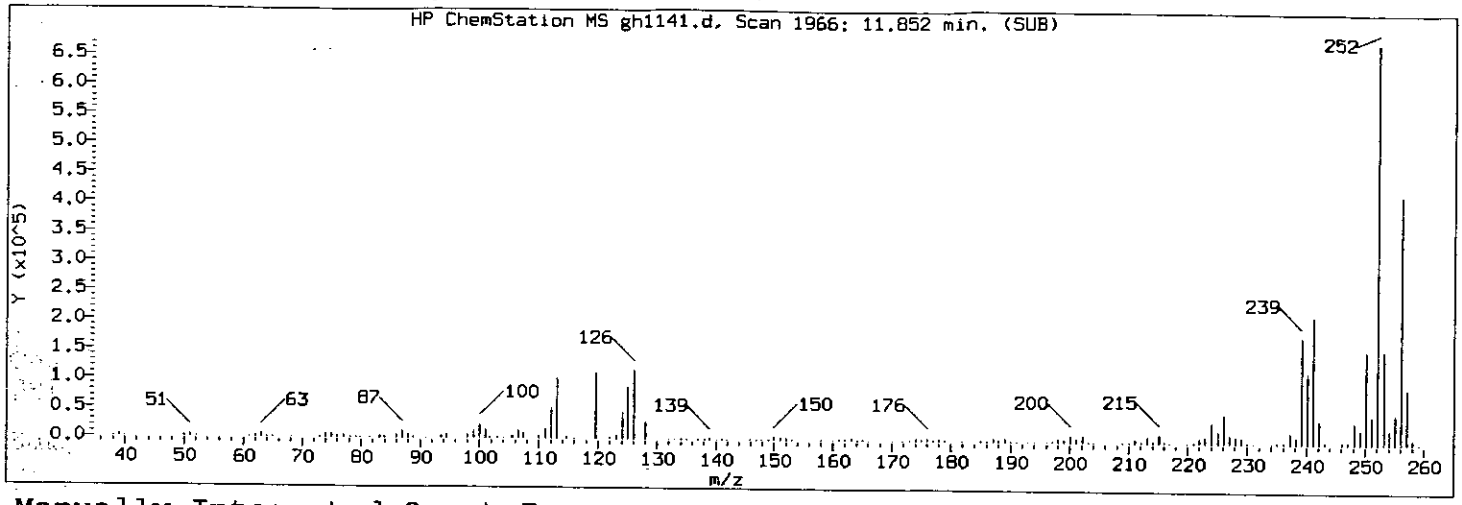
Compound Number	:	171
Compound Name	:	Benzo(b)fluoranthene
Scan Number	:	1966
Retention Time (minutes)	:	11.852
Quant Ion	:	252
Area	:	2765495
Concentration (ng/ul)	:	112.7382
Integration start scan	:	1956 Integration stop scan: 1979
Y at integration start	:	0 Y at integration end: 791

GJ 1476 6/3/17

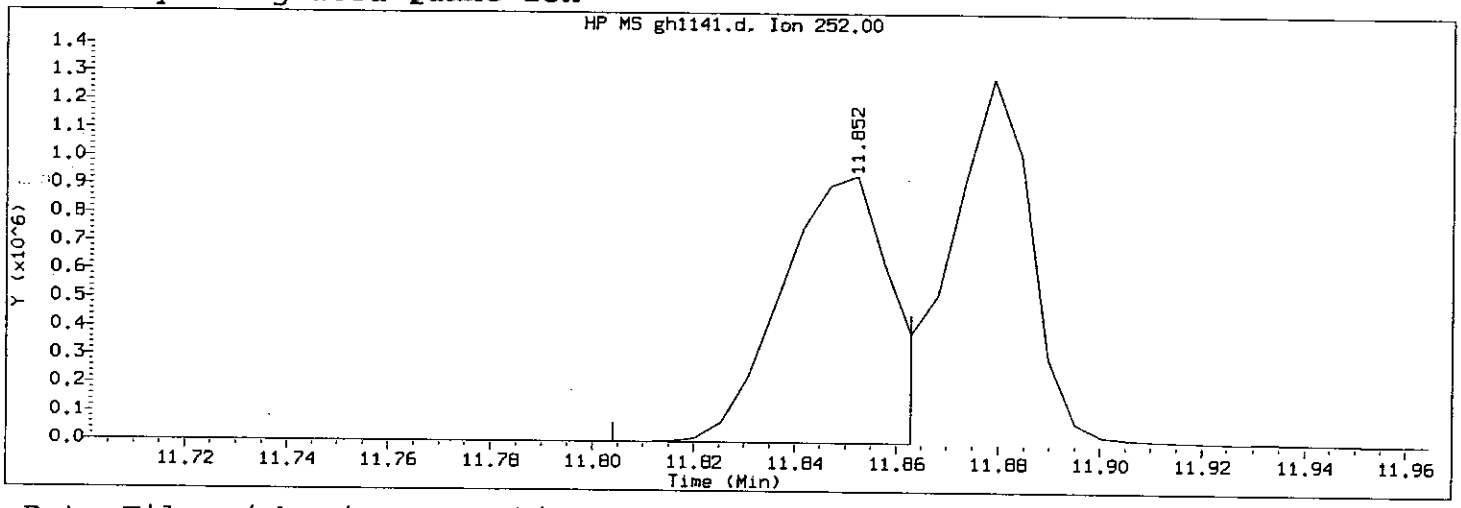
8865

Original Integration Report for data file /chem/HP11165.i/07aug31.b/gh1141.d, generated on 08/31/2007 at 15:33

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP11165.i/07aug31.b/gh1141.d Instrument ID: HP11165.i
Injection date and time: 31-AUG-2007 12:29 Analyst ID: jmg00346

Method used: /chem/HP11165.i/07aug31.b/minti.m Sublist used: WTC8
Calibration date and time: 31-AUG-2007 15:24
Date, time and analyst ID of latest file update: 31-Aug-2007 15:33 gjd01970

Sample Name: 240WDLCSD7 Lab Sample ID: 240WDLCSD

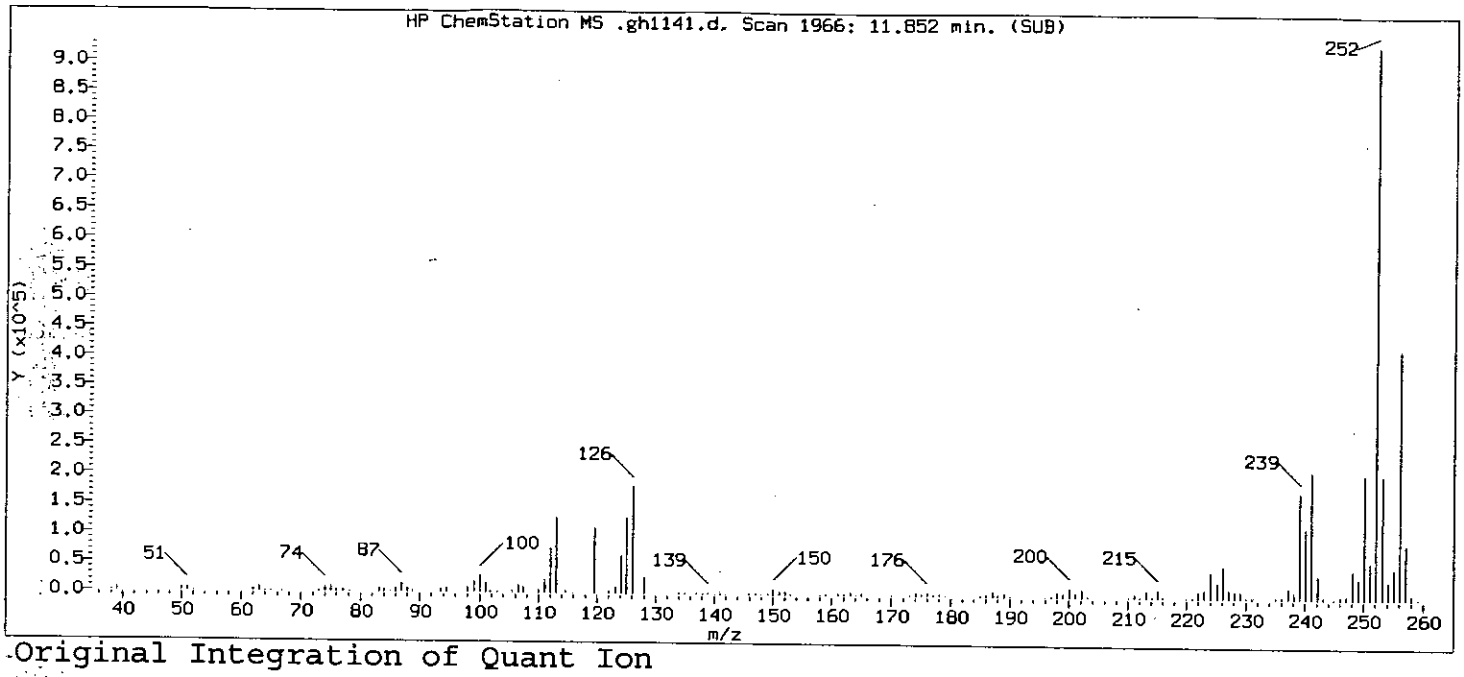
Compound Number	:	171
Compound Name	:	Benzo(b)fluoranthene
Scan Number	:	1966
Retention Time (minutes)	:	11.852
Quant Ion	:	252
Area (flag)	:	1419728 M
Concentration (ng/ul)	:	57.8768
Integration start scan	:	1956 Integration stop scan: 1967
Y at integration start	:	0 Y at integration end: 378

Reason for manual integration (circle one): missed peak ~~improper integration~~

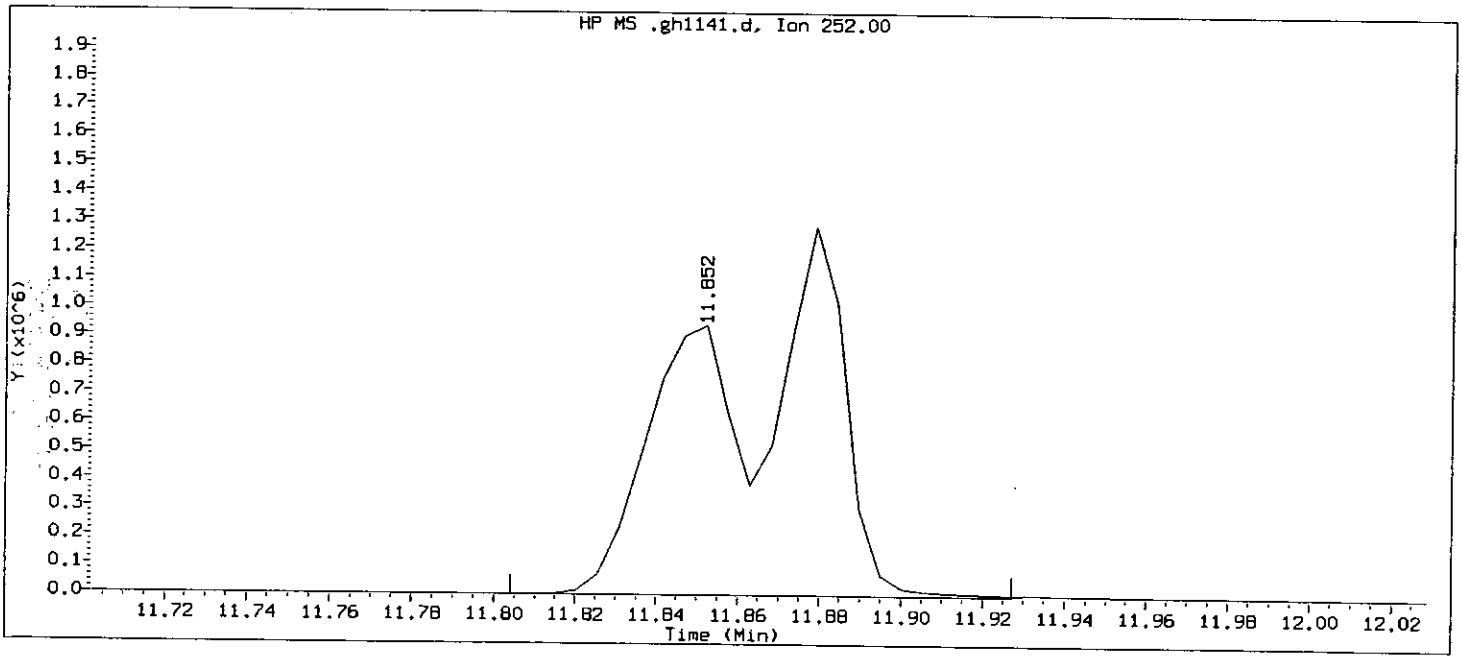
Analyst responsible for change: [signature] 1476 8/31/07

GC/MS audit/management approval: [signature] 9/4/07 0866

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP11165.i/07aug31.b/gh1141.d Instrument ID: HP11165.i
Injection date and time: 31-AUG-2007 12:29 Analyst ID: jmg00346

Method used: /chem/HP11165.i/07aug31.b/minti.m Sublist used: WTC8
Calibration date and time: 31-AUG-2007 15:24
Date, time and analyst ID of latest file update: 31-Aug-2007 15:25 gjd01970

Sample Name: 240WDLCSD7 Lab Sample ID: 240WDLCSD

Compound Number	:	172
Compound Name	:	Benzo(k)fluoranthene
Scan Number	:	1966
Retention Time (minutes)	:	11.852
Quant Ion	:	252
Area	:	2765511
Concentration (ng/ul)	:	114.6183
Integration start scan	:	1956 Integration stop scan: 1979
Y at integration start	:	0 Y at integration end: 791

GS 8/31/7

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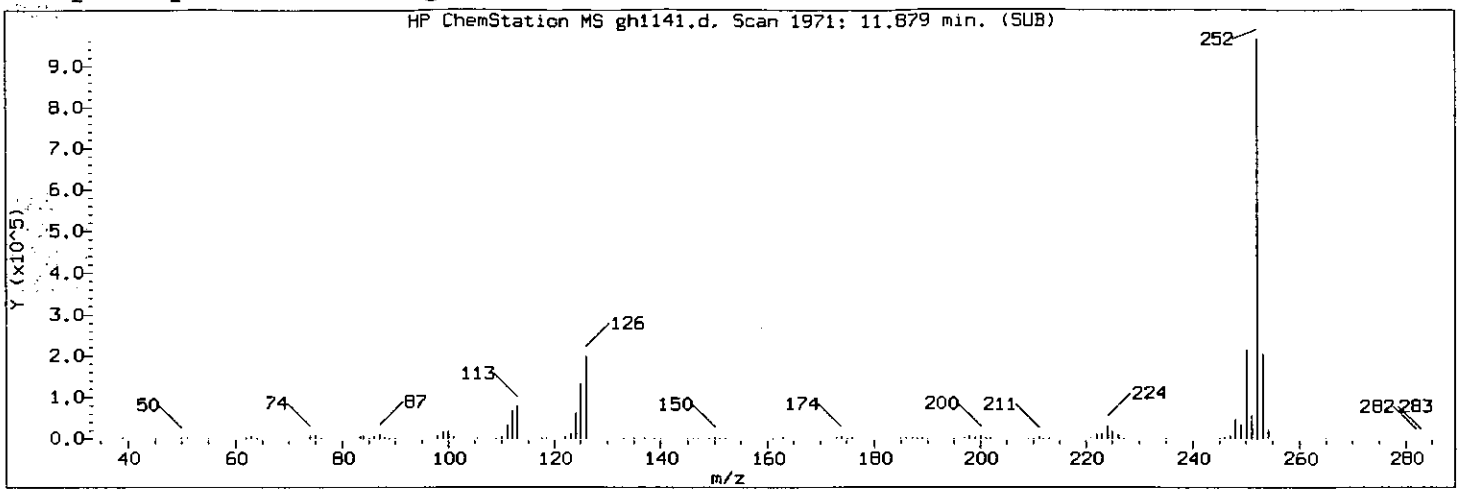
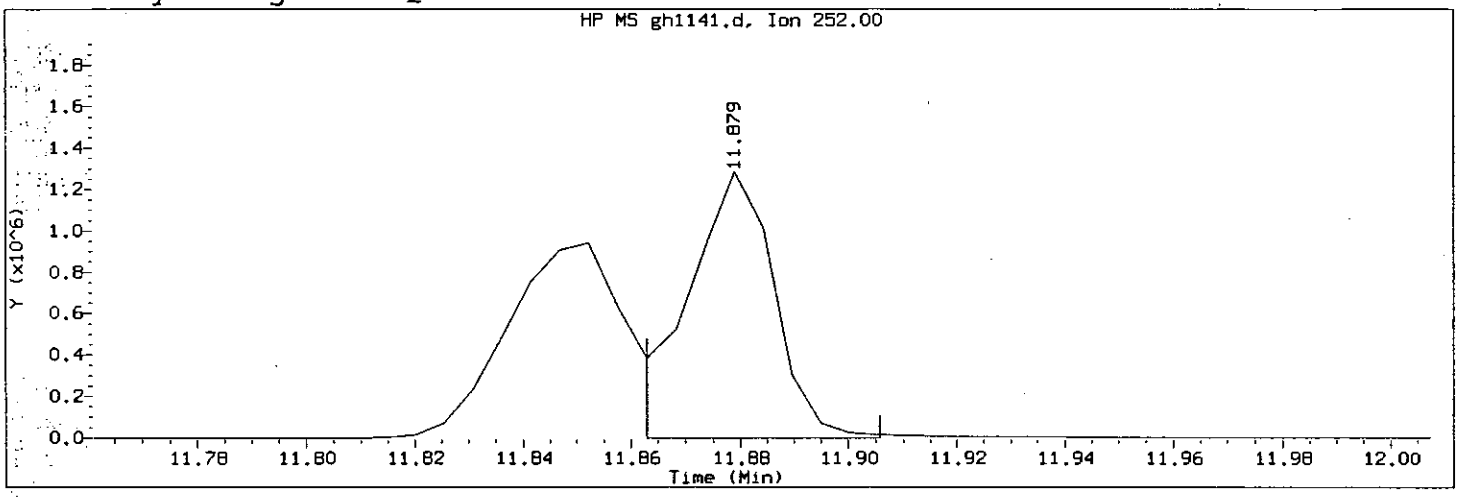
Original Integration Report for data file /chem/HP11165.i/07aug31.b/gh1141.d, generated on 08/31/2007 at 15:33

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP11165.i/07aug31.b/gh1141.d Instrument ID: HP11165.i
Injection date and time: 31-AUG-2007 12:29 Analyst ID: jmg00346

Method used: /chem/HP11165.i/07aug31.b/minti.m Sublist used: WTC8
Calibration date and time: 31-AUG-2007 15:24
Date, time and analyst ID of latest file update: 31-Aug-2007 15:33 gjd01970

Sample Name: 240WDLCSD7 Lab Sample ID: 240WDLCSD

Compound Number	: 172	
Compound Name	: Benzo(k)fluoranthene	
Scan Number	: 1971	
Retention Time (minutes)	: 11.879	
Quant Ion	: 252	
Area (flag)	: 1463585 M	
Concentration (ng/ul)	: 60.6593	
Integration start scan	: 1967	Integration stop scan: 1975
Y at integration start	: -661	Y at integration end: -661

Reason for manual integration (circle one): missed peak (improper integration)

Analyst responsible for change: 1972 8/3/07

GC/MS audit/management approval: BB4705 9/4/07 8868

Manual Integration Report for data file /chem/HP11165.i/07aug31.b/gh1141.d, generated on 08/31/2007 at 15:33

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Semi-Volatiles

Runlog for Hewlett Packard GC/MS System HP10623 **HP #03**

*** Shift #1 Analyst:_____ *** Shift #2 Analyst: Tallantire 1/08 *

IUL 8270C

Comment Code:

R	=	Reinjection necessary	X	=	Sample sent to be reextracted
S	=	Surrogate problem	I	=	Internal Standard problem
NU	=	Not used	F	=	Further dilution required
MR	=	Meets requirements	IUO	=	Internal use only
Cz	=	Confirms z, (z = I or X)	T	=	Injected outside valid tune period

Other problems or comments are as follows:

_____
_____
_____
_____

Data Directory Path is - D:\DATA\07aug22\

ALS Btl #	Laboratory File ID	Client ID	Lab Sample ID	Date injected	Time injected	Case and SDG Number or Extraction Batch Number	Dilution Factor	Comments
1	ch0681a.D	50NG/UL	8270DFTPP2327	22 Aug 2007	10:10			MR
2	ch0682.D	SSTD050	STD2187	22 Aug 2007	10:29			
3	ch0683.D	SSTD030	STD2187	22 Aug 2007	10:53			
4	ch0684.D	SSTD005	STD2187	22 Aug 2007	11:14			
5	ch0685.D	SSTD015	STD2187	22 Aug 2007	11:35			
6	ch0686.D	SSTD080	STD2187	22 Aug 2007	11:55			
7	ch0687.D	SSTD120	STD2187	22 Aug 2007	12:16			
8	ch0688.D	SSTD001	8270MDL2187	22 Aug 2007	12:37			
9	ch0689.D	SSTD050	ICV1387	22 Aug 2007	12:58			IUO
10	ch0690.D	BLANK	BLANK	22 Aug 2007	13:19			
11	ch0691.D	WaterLCS1	WaterLCS1	22 Aug 2007	13:40			
12	ch0692.D	WaterLCS2	WaterLCS2	22 Aug 2007	14:01			
13	ch0693.D	WaterLCS3	WaterLCS3	22 Aug 2007	14:21			
14	ch0694.D	WaterLCS4	WaterLCS4	22 Aug 2007	14:43			
15	ch0695.D	SoilLCS1	SoilLCS1	22 Aug 2007	15:04			
16	ch0696.D	SoilLCS2	SoilLCS2	22 Aug 2007	15:24			
17	ch0697.D	SoilLCS3	SoilLCS3	22 Aug 2007	15:45			
18	ch0698.D	SoilLCS4	SoilLCS4	22 Aug 2007	16:06			
19	ch0699.D	QuadDL1	QuadDL1	22 Aug 2007	16:27			
20	ch0700.D	QuadDL2	QuadDL2	22 Aug 2007	16:47			
21	ch0701.D	QuadDL3	QuadDL3	22 Aug 2007	17:08			
22	ch0702.D	QuadDL4	QuadDL4	22 Aug 2007	17:29			

Lancaster Laboratories
Semi-Volatiles

Runlog for Hewlett Packard GC/MS System HP10623 **HP #03**

*** Shift #1 Analyst:_____ *** Shift #2 Analyst: [illegible] 8/28/07 *

Comment Code:

R = Reinjection necessary	X = Sample sent to be reextracted
S = Surrogate problem	I = Internal Standard problem
NU = Not used	F = Further dilution required
MR = Meets requirements	IUO = Internal use only
Cz = Confirms z, (z = I or X)	T = Injected outside valid tune period

V8710C

Other problems or comments are as follows:

_____

_____

_____

_____

Data Directory Path is - D:\DATA\07aug27\

ALS Btl #	Laboratory File ID	Client ID	Lab Sample ID	Date injected	Time injected	Case and SDG Number or Extraction Batch Number	Dilution Factor	Comments
1	ch0860.D	50NG/UL	8270DFTPP2327	27 Aug 2007	19:24			NU
1	ch0860Z.D	50NG/UL	8270DFTPP2327	27 Aug 2007	19:39			MR
2	ch0861.D	SSTD080	STD2187	27 Aug 2007	19:56			MR
3	ch0862.D	SBLKWB2375	SBLKWB237	27 Aug 2007	20:23	07237WAB		MR
4	ch0863.D	237WBLCS5	237WBLCS	27 Aug 2007	20:44	07237WAB		MR
5	ch0864.D	SBLKLE2375	SBLKLE237	27 Aug 2007	21:05	07237SLE		MR
6	ch0865.D	237LELCS5	237LELCS	27 Aug 2007	21:25	07237SLE		MR
7	ch0866.D	82301	5137222	27 Aug 2007	21:46	07237SLE		MR
8	ch0867.D	82302	5137223	27 Aug 2007	22:07	07237SLE		MR
9	ch0868.D	82303	5137224	27 Aug 2007	22:27	07237SLE		MR
10	ch0869.D	82304	5137225	27 Aug 2007	22:48	07237SLE		MR
11	ch0870.D	82305	5137226	27 Aug 2007	23:09	07237SLE		MR
12	ch0871.D	82306	5137227	27 Aug 2007	23:29	07237SLE		MR
13	ch0872.D	82307	5137228	27 Aug 2007	23:50	07237SLE		MR
14	ch0873.D	82308	5137229	28 Aug 2007	00:10	07237SLE		MR
15	ch0874.D	BSF06DL	5136485DL	28 Aug 2007	00:31	07236WAB	2	MR
16	ch0875.D	DB-8A	5136503	28 Aug 2007	00:51	07236WAB		MR
17	ch0876.D	OS--1	5136504	28 Aug 2007	01:12	07236WAB		MR
18	ch0877.D	OR--3	5136509	28 Aug 2007	01:33	07236WAB		MR
19	ch0878.D	OR--2	5136510	28 Aug 2007	01:53	07236WAB		MR
20	ch0879.D	DC--1	5136511	28 Aug 2007	02:13	07236WAB		MR
21	ch0880.D	-G21D	5137012	28 Aug 2007	02:34	07237WAB		MR
22	ch0881.D	-G21DMS	5137013	28 Aug 2007	02:54	07237WAB		MR
23	ch0882.D	-G21DMSD	5137014	28 Aug 2007	03:15	07237WAB		MR
24	ch0883.D	FDG21	5137020	28 Aug 2007	03:36	07237WAB		MR
25	ch0884.D	T22S-	5137022	28 Aug 2007	03:56	07237WAB		SX
26	ch0885.D	T22D-	5137024	28 Aug 2007	04:17	07237WAB		SX
27	ch0886.D	EB4--	5137026	28 Aug 2007	04:38	07237WAB		MR

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Semi-Volatiles

Runlog for Hewlett Packard GC/MS System HP10623 **HP #03**

*** Shift #1 Analyst: _____ *** Shift #2 Analyst: Hallenstine/gs

Comment Code:

R = Reinjection necessary		X =	Sample sent to be reextracted
S = Surrogate problem		I =	Internal Standard problem
NU = Not used		F =	Further dilution required
MR = Meets requirements		IUO =	Internal use only
Cz = Confirms z, (z = I or X)		T =	Injected outside valid tune period

V 8270C

Other problems or comments are as follows:

Data Directory Path is - D:\DATA\07aug24a\

ALS Btl #	Laboratory File ID	Client ID	Lab Sample ID	Date injected	Time injected	Case and SDG Number or Extraction Batch Number	Dilution Factor	Comments
1	ch0820.D	50NG/UL	8270DETPP2327	24 Aug 2007	19:26			MR
2	ch0821.D	SSTD050	STD2187	24 Aug 2007	19:41			MR
3	ch0822.D	SBLKWC2365	SBLKWC236	24 Aug 2007	20:17	07236WAC		MR
4	ch0823.D	236WCLCS5	236WCLCS	24 Aug 2007	20:38	07236WAC		MR
5	ch0824.D	SBLKWB2365	SBLKWB236	24 Aug 2007	20:59	07236WAB		MR
6	ch0825.D	236WBLCS5	236WBLCS	24 Aug 2007	21:19	07236WAB		MR
7	ch0826.D	81-01	5136625	24 Aug 2007	21:40	07236WAB		MR
8	ch0827.D	NV-S3RE	5129798RE	24 Aug 2007	22:01	07236WAC		S,C
9	ch0828.D	210WN	5130386	24 Aug 2007	22:22	07236WAC		S
10	ch0829.D	210WNMS	5130386	24 Aug 2007	22:42	07236WAC		S,C
11	ch0830.D	210WNMSD	5130386	24 Aug 2007	23:03	07236WAC		S,C
12	ch0831.D	NV802	5134942	24 Aug 2007	23:24	07236WAC		MR
13	ch0832.D	NV802MS	5134942	24 Aug 2007	23:45	07236WAC		MR
14	ch0833.D	NV801	5134945	25 Aug 2007	00:06	07236WAC		MR
15	ch0834.D	447NV	5134949	25 Aug 2007	00:27	07236WAC		S,X
16	ch0835.D	N8956	5133615	25 Aug 2007	00:47	07236WAC		S
17	ch0836.D	N8956MS	5133615	25 Aug 2007	01:08	07236WAC		S,C
18	ch0837.D	23483	5135042	25 Aug 2007	01:29	07236WAC		MR
19	ch0838.D	IDW1N	5135161	25 Aug 2007	01:50	07236WAC		S,X
20	ch0839.D	IDW2N	5135164	25 Aug 2007	02:11	07236WAC		S,X
21	ch0840.D	NV062	5135339	25 Aug 2007	02:32	07236WAC		MR
22	ch0841.D	NV062MS	5135339	25 Aug 2007	02:53	07236WAC		MR
23	ch0842.D	NV087	5135341	25 Aug 2007	03:13	07236WAC		MR
24	ch0843.D	1804T	5136543	25 Aug 2007	03:34	07236WAC		MR
25	ch0844.D	1804F	5136544	25 Aug 2007	03:55	07236WAC		MR
26	ch0845.D	OS--3	5136505	25 Aug 2007	04:16	07236WAB		MR
27	ch0846.D	OS--3MS	5136506	25 Aug 2007	04:37	07236WAB		MR
28	ch0847.D	OS--3MSD	5136507	25 Aug 2007	04:58	07236WAB		MR
29	ch0848.D	BHR01	5136184	25 Aug 2007	05:19	07236WAB		MR
30	ch0849.D	BSF06	5136485	25 Aug 2007	05:40	07236WAB		OK-F2
31	ch0850.D	TF--5	5136497	25 Aug 2007	06:01	07236WAB		MR
32	ch0851.D	TF-23	5136498	25 Aug 2007	06:22	07236WAB		MR
33	ch0852.D	TF123	5136499	25 Aug 2007	06:43	07236WAB		SX
34	ch0853.D	BCEB1	5136500	25 Aug 2007	07:03	07236WAB		MR
35	ch0854.D	DC--2	5136502	25 Aug 2007	07:25	07236WAB		MR
36	ch0855.D	DB-8A	5136503	25 Aug 2007	07:47	07236WAB		T,NU
37	ch0856.D	OS--1	5136504	25 Aug 2007	08:09	07236WAB		T,NU
38	ch0857.D	OR--3	5136509	25 Aug 2007	08:29	07236WAB		T,NU
39	ch0858.D	OR--2	5136510	25 Aug 2007	08:50	07236WAB		T,NU
40	ch0859.D	DC--1	5136511	25 Aug 2007	09:11	07236WAB		T,NU

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Semi-Volatiles

Runlog for Hewlett Packard GC/MS System HP11165 **HP #07**

*** Shift #1 Analyst: SM6/SH6 *** Shift #2 Analyst: GJD

Comment Code:
R = Reinjection necessary
S = Surrogate problem
NU = Not used
MR = Meets requirements
Cz = Confirms z, (z = I or X)
X = Sample sent to be reextracted
I = Internal Standard problem
F = Further dilution required
IUO = Internal use only
T = Injected outside valid tune period

Other problems or comments are as follows:

Data Directory Path is - D:\DATA\07aug29a\

ALS Btl #	Laboratory File ID	Client ID	Lab Sample ID	Date injected	Time injected	Case and SDG Number or Extraction Batch Number	Dilution Factor	Comments
1	gh1030.D	8270DFTPP2327	50NG/UL	29 Aug 2007	15:22			
2	gh1031.D	SSTD030	STD2407	29 Aug 2007	15:36			
1	gh1030Z.D	8270DFTPP2327	50NG/UL	29 Aug 2007	16:03			
2	gh1031A.D	SSTD030	STD2407	29 Aug 2007	16:19			
3	gh1032.D	SSTD120	STD2407	29 Aug 2007	16:43			
4	gh1033.D	SSTD080	STD2407	29 Aug 2007	17:08			
5	gh1034.D	SSTD050	STD2407	29 Aug 2007	17:32			
6	gh1035.D	SSTD015	STD2407	29 Aug 2007	17:57			
7	gh1036.D	SSTD005	STD2407	29 Aug 2007	18:22			
8	gh1037.D	SSTD001	8270MDL2407	29 Aug 2007	18:46			
9	gh1038.D	SSTD050	ICV1387	29 Aug 2007	19:10			
10	gh1039.D	SSTD050	PDA2407	29 Aug 2007	19:35			
11	gh1040.D	SSTD120	PDA2407	29 Aug 2007	19:59			
12	gh1041.D	SSTD080	PDA2407	29 Aug 2007	20:24			
13	gh1042.D	SSTD030	PDA2407	29 Aug 2007	20:49			
14	gh1043.D	SSTD015	PDA2407	29 Aug 2007	21:13			
15	gh1044.D	SSTD005	PDA2407	29 Aug 2007	21:38			
16	gh1045.D	SSTD001	PDAMDL2407	29 Aug 2007	22:03			
17	gh1046.D	SBLKWE2407	SBLKWE240	29 Aug 2007	22:27	07240WAE		
18	gh1047.D	240WELCS7	240WELCS	29 Aug 2007	22:52	07240WAE		
19	gh1048.D	240WELCSD7	240WELCSD	29 Aug 2007	23:17	07240WAE		
20	gh1049.D	SBLKLD2407	SBLKLD240	29 Aug 2007	23:41	07240SLD		
21	gh1050.D	240LDLCS7	240LDLCS	30 Aug 2007	00:06	07240SLD		
22	gh1051.D	ARE3A	5138150	30 Aug 2007	00:31	07240SLD	5	
23	gh1052.D	ARE3AMS	5138150	30 Aug 2007	00:55	07240SLD	5	
24	gh1053.D	ARE3AMSD	5138150	30 Aug 2007	01:20	07240SLD	5	
25	gh1054.D	15721	5136302	30 Aug 2007	01:45	07240WAE		
26	gh1055.D	INW09DL	5136263DL	30 Aug 2007	02:09	07240WAB	200	OK, FZ MR
27	gh1056.D	DEEFF	5137010	30 Aug 2007	02:34	07240WAB		
28	gh1057.D	DEMID	5137011	30 Aug 2007	02:59	07240WAB		
29	gh1058.D	GW1S-	5138090	30 Aug 2007	03:23	07240WAB		
30	gh1059.D	GW2S-	5138091	30 Aug 2007	03:48	07240WAB		
31	gh1060.D	GW2D-	5138092	30 Aug 2007	04:12	07240WAB		OK, FZ TUNE
32	gh1061.D	GW3S-	5138093	30 Aug 2007	04:37	07240WAB		

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Lancaster Laboratories
Semi-Volatiles

Runlog for Hewlett Packard GC/MS System HP11165 **HP #07**

*** Shift #1 Analyst: JM6 *** Shift #2 Analyst: GD

Comment Code:

R = Reinjection necessary		X =	Sample sent to be reextracted
S = Surrogate problem		I =	Internal Standard problem
NU = Not used		F =	Further dilution required
MR = Meets requirements		IUO =	Internal use only
Cz = Confirms z, (z = I or X)		T =	Injected outside valid tune period

Other problems or comments are as follows:

Data Directory Path is - D:\DATA\07aug31\

ALS Btl #	Laboratory File ID	Client ID	Lab Sample ID	Date injected	Time injected	Case and SDG Number or Extraction Batch Number	Dilution Factor	Comments
1	gh1130.D	8270DFTPP2327	50NG/UL	31 Aug 2007	08:13			NU
1	gh113Z.D	8270DFTPP2327	50NG/UL	31 Aug 2007	08:29			MR
2	gh1131.D	SSTD030	STD2407	31 Aug 2007	08:45			MR
3	gh1132.D	SSTD030	NND1987	31 Aug 2007	09:12			MR
11	gh1134.D	SBLKWC2427	SBLKWC242	31 Aug 2007	09:37	07242WAC		NU
12	gh1135.D	242WCLCS7	242WCLCS	31 Aug 2007	10:01	07242WAC		NU
13	gh1136.D	242WCLCSD7	242WCLCSD	31 Aug 2007	10:26	07242WAC		NU
14	gh1137.D	76210	5141619	31 Aug 2007	10:50	07242WAC		NU
15	gh1138.D	76212	5141620	31 Aug 2007	11:15	07242WAC		NU
16	gh1139.D	SBLKWD2407	SBLKWD240	31 Aug 2007	11:40	07240WAD		MR
17	gh1140.D	240WDLCS7	240WDLCS	31 Aug 2007	12:05	07240WAD		MR
18	gh1141.D	240WDLCSD7	240WDLCSD	31 Aug 2007	12:29	07240WAD		MR
19	gh1142.D	TF123	5136499	31 Aug 2007	12:54	07240WAD		MR
20	gh1143.D	W37--	5136824	31 Aug 2007	13:18	07240WAD		MR,f5
21	gh1144.D	W35--	5136828	31 Aug 2007	13:43	07240WAD		MR
22	gh1145.D	BMW02	5137607	31 Aug 2007	14:07	07240WAD		MR
23	gh1146.D	BMW01	5137608	31 Aug 2007	14:32	07240WAD		MR
24	gh1147.D	BMW09	5137609	31 Aug 2007	14:56	07240WAD		MR
25	gh1148.D	ED18S	5138196	31 Aug 2007	15:21	07240WAD		MR
26	gh1149.D	15875	5138301	31 Aug 2007	15:44	07240WAD		MR
100	gh1150R.D	BLK	BLK	31 Aug 2007	16:09	07240WAD		MR
27	gh1150.D	53875	5138302	31 Aug 2007	16:34	07240WAD		NU-INITIAL D10
28	gh1151.D	43875	5138303	31 Aug 2007	16:59	07240WAD		MR
29	gh1152.D	12875	5138304	31 Aug 2007	17:23	07240WAD		MR,F10
30	gh1153.D	13875	5138305	31 Aug 2007	17:47	07240WAD		MR
31	gh1154.D	16875	5138306	31 Aug 2007	18:12	07240WAD		MR

Extraction/Distillation/Digestion Logs

Organic Extraction Batchlog

07236WAB026

Reviewed By: MGA1925 08/31/07 Start Date: 8-24-07 Start Time: 1100

Tech 1: MGA1925 Tech 2:

Prep Group # 603 TC8 Water Dept: 26 Prep Analysis # 00813 BNA Water Extraction

QC	Sample Code	Amt (ml)	SS/IS Sol.	Amt (mL)	MS Sol.	Amt (mL)	FV (mL)	pH	pH	BC	Comments
BLANK6	PBLK02	1000	SS0721326A	1.0			1.0	11	2	NA	
LCS6	LCS4C	1000	SS0721326A	↓	MS0720826A	1.0	↓	↓	↓	↓	
5136506MS	OS--3MS	995	SS0721326A	↓	MS0720826A	↓	↓	↓	↓	45a	very pale tan
5136507MSD	OS--3MSD	978	SS0721326A	↓	MS0720826A	↓	↓	↓	↓	↓	↓

MGA1925 8-24-07

Solvent Used	Lot No.
10N NAOH	26041316
Methylene Chloride	E30E66
Sodium Sulfate	072357A
Sulfuric Acid	070795

Spike Solutions: **Witness:** 015709

SS0721326A BNA SURROGATE STANDARD
MS0720826A LCS SPIKE MIX

	Sample #	Sample Code	Amt (ml)	SS/IS Sol.	Amt (mL)	FV (mL)	pH	pH	BC	Comments	Analyses	Due Date	Pr
1	5136184	BHR01	600	SS0721326A	1.0	1.0	11	2	45a	brown muddy w/ 1 inch of sed in bottle	4678	9/4/07	P
2	5136485	BSF06	1056	SS0721326A	↓	↓	↓	↓	↓	pale tan-yellow	4678	9/4/07	P
3	5136497	TF--5	998	SS0721326A	↓	↓	↓	↓	↓	↓ cent 1x	4678	9/5/07	S
4	5136498	TF-23	1011	SS0721326A	↓	↓	↓	↓	↓	↓ cent 2x	4678	9/5/07	S
5	5136499	TF123	980	SS0721326A	↓	↓	↓	↓	↓	clear	4678	9/5/07	S
6	5136500	BCEB1	947	SS0721326A	↓	↓	↓	↓	↓	pale tan	4678	9/5/07	S
7	5136502	DC--2	983	SS0721326A	↓	↓	↓	↓	↓	↓ cent 2x	4678	9/5/07	S
8	5136503	DB-8A	1001	SS0721326A	↓	↓	↓	↓	↓	clear	4678	9/5/07	S
9	5136504	OS--1	979	SS0721326A	↓	↓	↓	↓	↓	very pale tan	4678	9/5/07	S
10	5136505 bkg	OS--3	987	SS0721326A	↓	↓	↓	↓	↓	clear	4678	9/5/07	S
11	5136509	OR--3	998	SS0721326A	↓	↓	↓	↓	↓	↓	4678	9/5/07	S
12	5136510	OR--2	969	SS0721326A	↓	↓	↓	↓	↓	yellow cent 4x	4678	9/5/07	S
13	5136511	DC--1	921	SS0721326A	↓	↓	↓	↓	↓	clear	4678	8/30/07	S
14	5136625	81-01	1054	SS0721326A	↓	↓	↓	↓	↓				
15													
16													
17													
18											MGA1925 8-24-07		
19													
20													

Rack ID:		Work Station: 4	
Internal Standard	UB2312	Balance # 7	

S-bath ID	89 °C	S-bath ID 9	89 °C	N-Evap	°C

Documented temps are NIST corrected.

07236WAB026

DF = Dilution Factor FV = Final Volume

Organic Extraction Batchlog

07240WAD026

Reviewed By: SMG 8.31.07 Start Date: 8-28-07 Start Time: 14:30

Tech 1: KG1703 Tech 2:

Prep Group #	603 TC8 Water			Dept: 26		Prep Analysis #	00813 BNA Water Extraction				
QC	Sample Code	Amt (mL)	SS/IS Sol.	Amt (mL)	MS Sol.	Amt (mL)	FV (mL)	pH	pH	BC	Comments
BLANK6	PBLKRZ	1000	SS0721326A	1.0			1.0	11	2	NA	DI H_2O
LCS6	LCS8B	1000	SS0721326A	↓	MS0723326B	1.0	↓	↓	↓	↓	↓
LCSD6	LCSDCE	1000	SS0721326A	↓	MS0723326B	↓	↓	↓	↓	↓	↓
5138576MS	610FSMS	1024	SS0721326A	↓	MS0723326B	↓	↓	↓	↓	43A	cloudy tan cent. 3x base; 1x acid

Solvent Used	Lot No.
10N NAOH	2604316
Methylene Chloride	CT441
Sodium Sulfate	07240A
Sulfuric Acid	070795

Spike Solutions: **Witness:** MGB1925

SS0721326A BNA SURROGATE STANDARD
MS0723326B LCS SPIKE MIX

Dilution bt # $MeCl_2$ $E_{30}E_{66}$

	Sample #		Sample Code	Amt (mL)	SS/IS Sol.	Amt (mL)	FV (mL)	pH	pH	BC	Comments	Analyses	Due Date	Pr
1	5136499	R	TF123	981	SS0721326A	1.0	1.0	11	2	45B	cloudy pale yellow cent. 2x base	4678	9/5/2007	S
2	5136824	R	W37--	1032	SS0721326A						cloudy orange cent. 3x base	4678	9/5/2007	P
3	5136828	R	W35--	1051	SS0721326A					↓	yellow tint w/sed. cent. 3x base	4678	9/5/2007	P
4	5137607		BMW02	979	SS0721326A					135A	clear	4678	9/6/2007	P
5	5137608		BMW01	971	SS0721326A					↓	↓	4678	9/6/2007	P
6	5137609		BMW09	982	SS0721326A					↓	↓	4678	9/6/2007	P
7	5138196		ED18S	1018	SS0721326A					43A	cloudy orangish-brown	4678	9/6/2007	N
8	5138301		15875	1049	SS0721326A					45A	yellow tint cent. 1x base	4678	9/6/2007	P
9	5138302		53875	1038	SS0721326A					↓	cent. 1x base	4678	9/6/2007	P
10	5138303	*	43875	100	SS0721326A					↓	dark gray w/ lots of sand cent. 2x base; 2x acid	4678	9/6/2007	P
11	5138304		12875	1037	SS0721326A					↓	clear cent. 1x base	4678	9/6/2007	P
12	5138305		13875	1023	SS0721326A					↓	brown tint w/sed.	4678	9/6/2007	P
13	5138306		16875	1054	SS0721326A					↓	pale yellow tint	4678	9/6/2007	P
14	5138307		39875	1052	SS0721326A					↓	cloudy yellow w/ some sand	4678	9/6/2007	P
15	5138308		40875	1042	SS0721326A					↓	cloudy orange cent. 3x base	4678	9/6/2007	P
16	5138575	bkg	610FS	1030	SS0721326A					43A	cloudy tan cent. 3x base; 1x acid	4678	9/7/2007	S
17	5138579		610FD	1010	SS0721326A					↓	cent. 3x base; 1x acid	4678	9/7/2007	S
18	5139363		GLSFB	1021	SS0721326A	↓	↓	↓	↓	45A	clear	4678	9/7/2007	N
19														
20														

*KG1703 8-28-07. Reduced sample volume due to poor sample matrix. Sample contained approx. 1/3 of the bottle of sand.

Rack ID:		Work Station: H_2O	Bench1
Internal Standard	UST312	Balance # 7	

S-bath ID 1	87 °C	S-bath ID 4	86 °C	N-Evap	°C

Documented temps are NIST corrected.

07240WAD026

DF = Dilution Factor FV = Final Volume

Metals Data

Case Narrative
Conformance/Nonconformance Summary

Lancaster Laboratories

Where quality is a science.

CASE NARRATIVE FOR INORGANICS

Laboratory Name: Lancaster Laboratories

SDG Number: CBN47

Date Received: 08/23/2007

Dilutions:

Refer to the analysis run logs for samples requiring dilutions.

Quality Assurance/Quality Control:

Matrix QC may not be included if site-specific QC were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, an LCS/LCSD was performed, unless otherwise specified in the method or by the client.

For preparation/method blank results >LOQ, corrective action is not required if the sample result is >10 times the blank concentration, unless otherwise specified in the method or by the client.

Explanatory Notes:

The instrument detection limits (IDLs) are used for determining the U flags on the initial and continuing calibration blanks. The highest IDL is selected when multiple instruments are used for an analysis. The method detection limits (MDLs) are used for determining all other U flags.

The final concentration (ug/l) is obtained using the following calculation:

$$\text{Instrument reading (ug/l)} \times \frac{\text{final volume}}{\text{initial volume}} \times \text{dilution factor}$$

Case Narrative reviewed and approved by:

Betsy S. Menefee for Date 9/14/07

Dana M. Kauffman, Manager
Data Deliverables

8879

QUALITY ASSURANCE SUMMARY

COVER PAGE - INORGANIC ANALYSES DATA PACKAGE

Lab Name: LANCASTER_LABORATORIES

SDG No.: CBN47

EPA Sample No.	Lab Sample ID.
BCEB1	5136500
DB-8A	5136503
DC--1	5136511
DC--2	5136502
OR--2	5136510
OR--3	5136509
OS--1	5136504
OS--3	5136505
OS--3D	5136508
OS--3M	5136507
OS--3S	5136506
TF--5	5136497
TF-23	5136498
TF123	5136499

		ICP-AES	ICP-MS
Were ICP-AES and ICP-MS interelement corrections applied?	(Yes/No)	YES	NA
Were ICP-AES and ICP-MS background corrections Applied?	(Yes/No)	YES	NA
If yes, were raw data generated before application of background corrections?	(Yes/No)	NO	

LEGEND

FLAGS: (indicate matrix interference)	METHODS:
N = Matrix Spike OOS	ICP = Inductively Coupled Plasma
* = Duplicate OOS	P = ICP Atomic Emission Spectrometer
W = Method F Analytical Spike Recovery <85% or >115% when the sample conc. is <50% of the spike conc.	MS = ICP Mass Spectrometry
	F = Graphite Furnace
	CV = Cold Vapor
S = Analysis Determined by MSA	NR = Not Required
+ = MSA Correlation Coefficient <0.995	TERMS:
E = Matrix Effects exist as proven by Serial Dilution or Spiked Dilution	MDL = Method Detection Limit
	LOQ = Limit of Quantitation
M = Duplicate Injection Precision not met	OOS = Out of Specification
Presence of FLAGS does not invalidate data	MSA = Method of Standard Addition
U = Below MDL, B = Below LOQ	

I certify that this data package is technically accurate and complete and Release of the data contained in this data package has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature.

Signature: Betsy S. Manifee for

Date: 9/14/07

Name: Dana M. Kauffman

Title: Manager
Data Deliverables

Sample Data

QUALITY ASSURANCE SUMMARY

INORGANIC ANALYSIS DATA SHEET
FORM 1

CLIENT SAMPLE NO.

BCEB1

Lab Name: LANCASTER_LABORATORIES

SDG No.: CBN47

Matrix: (soil/water) WATER

Lab Sample ID: 5136500

Level: (low/med) LOW

Date Received: 08/23/2007

% Solids: 0.0

Concentration Units (**ug/L** or **mg/kg** dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7439-92-1	Lead	6.9	U		P

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

_____

_____

_____

_____

QUALITY ASSURANCE SUMMARY

INORGANIC ANALYSIS DATA SHEET
FORM 1

CLIENT SAMPLE NO.

DB-8A

Lab Name: LANCASTER_LABORATORIES

SDG No.: CBN47

Matrix: (soil/water) WATER

Lab Sample ID: 5136503

Level: (low/med) LOW

Date Received: 08/23/2007

% Solids: 0.0

Concentration Units (**ug/L** or **mg/kg** dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7439-92-1	Lead	6.9	U		P

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

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QUALITY ASSURANCE SUMMARY

INORGANIC ANALYSIS DATA SHEET
FORM 1

CLIENT SAMPLE NO.

DC--1

Lab Name: LANCASTER_LABORATORIES

SDG No.: CBN47

Matrix: (soil/water) WATER

Lab Sample ID: 5136511

Level: (low/med) LOW

Date Received: 08/23/2007

% Solids: 0.0

Concentration Units (**ug/L** or **mg/kg** dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7439-92-1	Lead	44.0			P

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

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QUALITY ASSURANCE SUMMARY

INORGANIC ANALYSIS DATA SHEET
FORM 1

CLIENT SAMPLE NO.

DC--2

Lab Name: LANCASTER_LABORATORIES

SDG No.: CBN47

Matrix: (soil/water) WATER

Lab Sample ID: 5136502

Level: (low/med) LOW

Date Received: 08/23/2007

% Solids: 0.0

Concentration Units (**ug/L** or **mg/kg** dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7439-92-1	Lead	6.9	U		P

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

_____

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QUALITY ASSURANCE SUMMARY

INORGANIC ANALYSIS DATA SHEET
FORM 1

CLIENT SAMPLE NO.

OR--2

Lab Name: LANCASTER_LABORATORIES

SDG No.: CBN47

Matrix: (soil/water) WATER

Lab Sample ID: 5136510

Level: (low/med) LOW

Date Received: 08/23/2007

% Solids: 0.0

Concentration Units (**ug/L** or **mg/kg** dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7439-92-1	Lead	6.9	U		P

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

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QUALITY ASSURANCE SUMMARY

INORGANIC ANALYSIS DATA SHEET
FORM 1

CLIENT SAMPLE NO.

OR--3

Lab Name: LANCASTER_LABORATORIES

SDG No.: CBN47

Matrix: (soil/water) WATER

Lab Sample ID: 5136509

Level: (low/med) LOW

Date Received: 08/23/2007

% Solids: 0.0

Concentration Units (**ug/L** or **mg/kg** dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7439-92-1	Lead	6.9	U		P

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

_____

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QUALITY ASSURANCE SUMMARY

INORGANIC ANALYSIS DATA SHEET
FORM 1

CLIENT SAMPLE NO.

OS--1

Lab Name: LANCASTER_LABORATORIES

SDG No.: CBN47

Matrix: (soil/water) WATER

Lab Sample ID: 5136504

Level: (low/med) LOW

Date Received: 08/23/2007

% Solids: 0.0

Concentration Units (**ug/L** or **mg/kg** dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7439-92-1	Lead	6.9	U		P

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

_____

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QUALITY ASSURANCE SUMMARY

INORGANIC ANALYSIS DATA SHEET
FORM 1

CLIENT SAMPLE NO.

OS--3

Lab Name: LANCASTER_LABORATORIES

SDG No.: CBN47

Matrix: (soil/water) WATER

Lab Sample ID: 5136505

Level: (low/med) LOW

Date Received: 08/23/2007

% Solids: 0.0

Concentration Units (**ug/L** or **mg/kg** dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7439-92-1	Lead	6.9	U		P

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

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QUALITY ASSURANCE SUMMARY

INORGANIC ANALYSIS DATA SHEET
FORM 1

CLIENT SAMPLE NO.

OS--3D

Lab Name: LANCASTER_LABORATORIES

SDG No.: CBN47

Matrix: (soil/water) WATER

Lab Sample ID: 5136508

Level: (low/med) LOW

Date Received: 08/23/2007

% Solids: 0.0

Concentration Units (**ug/L** or **mg/kg** dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7439-92-1	Lead	6.9	U		P

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

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QUALITY ASSURANCE SUMMARY

INORGANIC ANALYSIS DATA SHEET
FORM 1

CLIENT SAMPLE NO.

OS--3M

Lab Name: LANCASTER_LABORATORIES

SDG No.: CBN47

Matrix: (soil/water) WATER

Lab Sample ID: 5136507

Level: (low/med) LOW

Date Received: 08/23/2007

% Solids: 0.0

Concentration Units (**ug/L** or **mg/kg** dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7439-92-1	Lead	116			P

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

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QUALITY ASSURANCE SUMMARY

INORGANIC ANALYSIS DATA SHEET
FORM 1

CLIENT SAMPLE NO.

OS--3S

Lab Name: LANCASTER_LABORATORIES

SDG No.: CBN47

Matrix: (soil/water) WATER

Lab Sample ID: 5136506

Level: (low/med) LOW

Date Received: 08/23/2007

% Solids: 0.0

Concentration Units (**ug/L** or **mg/kg** dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7439-92-1	Lead	120			P

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

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QUALITY ASSURANCE SUMMARY

INORGANIC ANALYSIS DATA SHEET
FORM 1

CLIENT SAMPLE NO.

TF--5

Lab Name: LANCASTER_LABORATORIES

SDG No.: CBN47

Matrix: (soil/water) WATER

Lab Sample ID: 5136497

Level: (low/med) LOW

Date Received: 08/23/2007

% Solids: 0.0

Concentration Units (**ug/L** or **mg/kg** dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7439-92-1	Lead	6.9	U		P

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

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QUALITY ASSURANCE SUMMARY

INORGANIC ANALYSIS DATA SHEET
FORM 1

CLIENT SAMPLE NO.

TF-23

Lab Name: LANCASTER_LABORATORIES

SDG No.: CBN47

Matrix: (soil/water) WATER

Lab Sample ID: 5136498

Level: (low/med) LOW

Date Received: 08/23/2007

% Solids: 0.0

Concentration Units (**ug/L** or **mg/kg** dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7439-92-1	Lead	14.7	B		P

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

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QUALITY ASSURANCE SUMMARY

INORGANIC ANALYSIS DATA SHEET
FORM 1

CLIENT SAMPLE NO.

TF123

Lab Name: LANCASTER_LABORATORIES

SDG No.: CBN47

Matrix: (soil/water) WATER

Lab Sample ID: 5136499

Level: (low/med) LOW

Date Received: 08/23/2007

% Solids: 0.0

Concentration Units (**ug/L** or **mg/kg** dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7439-92-1	Lead	17.7			P

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

_____

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Quality Control Data

QUALITY ASSURANCE SUMMARY

FORM 2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: LANCASTER_LABORATORIES

SDG No.: CBN47

Initial Calibration Source: LLI

Continuing Calibration Source: LLI

Concentration Units: UG/L

Analyte	Initial Calibration			Continuing Calibration						M
	True	Found	%R(1)	True	Found	%R(2)	True	Found	%R(2)	
Lead	600.0	589.42	98.2	500.0	485.05	97.0	500.0	488.06	97.6	P

(1) Control Limit: 90-110
(2) Control Limit: 90-110

QUALITY ASSURANCE SUMMARY

FORM 2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: LANCASTER_LABORATORIES

SDG No.: CBN47

Initial Calibration Source: LLI

Continuing Calibration Source: LLI

Concentration Units: UG/L

Analyte	Initial Calibration			Continuing Calibration						M
	True	Found	%R(1)	True	Found	%R(2)	True	Found	%R(2)	
Lead				500.0	487.88	97.6	500.0	489.00	97.8	P

(1) Control Limit: 90-110
(2) Control Limit: 90-110

QUALITY ASSURANCE SUMMARY

FORM 2B

LOW LEVEL CHECK STANDARD FOR AA AND ICP

Lab Name: LANCASTER_LABORATORIES

SDG No.: CBN47

AA CRDL Standard Source: LLI

ICP CRDL Standard Source: LLI

Concentration Units: UG/L

Analyte	AA			ICP				
				Initial			Final	
	True	Found	%R	True	Found	%R	Found	%R
Lead				15.0	16.64	110.9	17.18	114.5

Control limits apply to values up to 10 times the true value of the low level check standard. Mercury, GFAA and ICP-MS: 50 - 150%. ICP: See statistical windows form.

Statistical Windows for Low Level Check

Element	True Value ug/L	Statistical Window (%)
Aluminum	200	0 - 200
Antimony	20	25 - 175
Arsenic	20	50 - 150
Barium	5	75 - 125
Beryllium	5	50 - 150
Boron	50	50 - 150
Cadmium	5	75 - 125
Calcium	200	0 - 200
Chromium	15	50 - 150
Cobalt	5	25 - 175
Copper	10	25 - 175
Iron	200	25 - 175
Lead	15	50 - 150
Lithium	100	50 - 150
Magnesium	100	0 - 200
Manganese	5	50 - 150
Molybdenum	10	25 - 175
Nickel	10	50 - 150
Potassium	200	75 - 125
Selenium	20	50 - 150
Silver	5	50 - 150
Sodium	1000	25 - 175
Strontium	5	75 - 125
Thallium	20	0 – 200
Tin	20	25 - 175
Titanium	10	50 - 150
Vanadium	5	50 - 150
Zinc	20	75 - 125

Effective: 12/29/2005

QUALITY ASSURANCE SUMMARY

FORM 3

BLANKS

Lab Name: LANCASTER_LABORATORIES

SDG No.: CBN47

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte		Initial Calibration Blank (ug/L)		Continuing Calibration Blank (ug/L)						Preparation Blank				
	Mass		C	1	C	2	C	3	C	Mass		C	Sample ID	M
Lead		4.6	U	4.6	U	4.6	U	4.6	U		6.900	U	P23648CB	P

QUALITY ASSURANCE SUMMARY

FORM 3

BLANKS

Lab Name: LANCASTER_LABORATORIES

SDG No.: CBN47

Preparation Blank Matrix (soil/water): _____

Preparation Blank Concentration Units (ug/L or mg/kg): _____

Analyte		Initial Calibration Blank (ug/L)		Continuing Calibration Blank (ug/L)						Preparation Blank				
	Mass		C	1	C	2	C	3	C	Mass		C	Sample ID	M
Lead				4.6	U									P

QUALITY ASSURANCE SUMMARY

FORM 4A

ICP-AES INTERFERENCE CHECK SAMPLE

Lab Name: LANCASTER_LABORATORIES

SDG No.: CBN47

ICP-AES Instrument ID: 08643 ICS Source: LLI

Concentration Units: UG/L

Analyte	True		Initial Found				Final Found			
	Sol. A	Sol. AB	Sol. A	%R	Sol. AB	%R	Sol. A	%R	Sol. AB	%R
Aluminum	500000	500000	496491	99.3	500638.5	100.1	490144	98.0	490539.3	98.1
Calcium	500000	500000	507306	101.5	513212.6	102.6	494635	98.9	500845.7	100.2
Iron	200000	200000	205201	102.6	206986.8	103.5	202425	101.2	204505.6	102.3
Lead	0	50	-1		45.1	90.2	-10		45.5	91.0
Magnesium	500000	500000	507444	101.5	512387.7	102.5	502718	100.5	507700.9	101.5

Control Limits: All Metals 80%-120%

QUALITY ASSURANCE SUMMARY

MATRIX SPIKE/MATRIX SPIKE DUPLICATE

Lab Name: LANCASTER_LABORATORIES

CLIENT SAMPLE NO.

OS--3S

SDG No.: CBN47

Matrix (Soil/Water): WATER

% Solids for sample: 0.0

Concentration Units (ug/l or mg/kg dry weight): UG/L

Level (low/med): LOW

Batch Id(s): P23648C

Analyte	M	Sample Result	C	MS Sample Result	C	MSD Sample Result	C	MS Spike Added	MSD Spike Added	MS %R	Q	MSD %R	Q	Control Limit %R	RPD	Q	Ctl Lim RPD
Lead	P	6.9000	U	120.2400		115.7200		120.0000	120.0000	100		96		75 - 125	4		20

QUALITY ASSURANCE SUMMARY

Form 6

DUPLICATES

CLIENT SAMPLE No.

OS--3D

Lab Name: LANCASTER_LABORATORIES

SDG No.: CBN47

Matrix (soil/water): WATER

Level (low/med): LOW

% Solids for Sample: 0.0

% Solids of Duplicate: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

Batch ID(s): P23648C

Analyte	Control Limit	Samples (S)	C	Duplicate (D)	C	RPD	Q	M
Lead		6.9000	U	6.9000	U			P

NOTE: An asterisk (*) in column "Q" indicates poor duplicate precision (RPD > 20% OR |(S) - (D)| > LOQ for values < 5x LOQ).
The data are considered to be valid because the laboratory control sample is within the control limits. See the Laboratory Control Sample page of the Quality Assurance Summary.

QUALITY ASSURANCE SUMMARY

FORM 7

LABORATORY CONTROL SAMPLE

Lab Name: LANCASTER_LABORATORIES

SDG No.: CBN47

Solid LCS Source: _____

Aqueous LCS Source: LLI

Analyte	Sample ID	Aqueous (ug/L) True	Found	%R(1)	Solid (mg/kg) True	Found	C	Limit		%R
Lead	P23648CQ	120.0	117.46	98						

(1) Control Limits: Statistically determined

Statistical Windows: Waters LCS/LCSD

SW846 ICP

Element	True value ug/L	Statistical Window
AL	2000	90-112
SB	500	88-111
AS	140	90-119
BA	2000	90-110
BE	50	90-111
B	2000	90-110
CD	50	90-112
CA	4000	90-112
CR	200	90-110
CO	500	90-110
CU	250	90-112
FE	1000	90-112
PB	120	90-113
LI	4000	80-120
MG	2000	89-110
MN	500	90-110
MO	2000	90-110
NI	500	90-111
K	4000	88-119
SE	110	80-120
AG	50	90-117
NA	4000	80-120
SR	1000	90-110
TL	150	80-120
SN	4000	90-110
TI	1000	90-113
V	500	90-110
ZN	500	90-111

SW846 GFAA

Element	True value ug/L	Statistical Window
SB	50	80-120
AS	40	80-120
BE	2.5	86.6-112.2
CD	2.5	80-120
CR	10	80-111
CU	20	87-110
PB	20	80-120
NI	20	80-120
SE	10	80-120
AG	2.5	85-116
TL	50	80-120

SW846 Mercury

Element	True value ug/L	Statistical Window
HG	1	80-120

Effective Date: 03/26/2007

QUALITY ASSURANCE SUMMARY

FORM 9

SERIAL DILUTIONS

CLIENT SAMPLE No.

OS--3 L

Lab Name: LANCASTER_LABORATORIES

SDG No.: CBN47

Matrix (soil/water): WATER

Level (low/med): LOW

Concentration Units: UG/L

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	M
Lead	6.9000	U	34.5000	U			P

NOTE: An **E** in column Q indicates the presence of a chemical or physical interference in the matrix when the % difference is greater than 10%. This applies only when (I) is greater than or equal to 50x MDL for ICP, 100x MDL for ICP-MS (6020), 50x MDL for ICP-MS (200.8), or 25x MDL for GFAA.

Verification of Instrument Parameters

QUALITY ASSURANCE SUMMARY

FORM 10

INSTRUMENT DETECTION LIMITS (BIANNUALLY)

Lab Name: LANCASTER_LABORATORIES

SDG No.: CBN47

ICP Instrument ID: 08643 Date: 07/2007

Flame Instrument ID: _____

Furnace Instrument ID: _____

Method: P

Analyte	Wavelength (nm)	Back-ground	IDL (ug/L)
Lead	220.35		4.6

Comments:

_____

_____

_____

_____

QUALITY ASSURANCE SUMMARY

FORM 10 MDL

METHOD DETECTION LIMITS (ANNUALLY)

Lab Name: LANCASTER_LABORATORIES

SDG No.: CBN47

Method: P

Date: 05/2007

Matrix (soil/water): WATER

Analyte	Wavelength (nm)	Background	LOQ (ug/L)	MDL (ug/L)
Lead	220.35		15.0	6.9

** The LOQ must be adjusted for % Solids and Sample Weight for samples reporting in mg/kg and ug.

Comments:

QUALITY ASSURANCE SUMMARY

FORM 11

ICP INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Lab Name: LANCASTER_LABORATORIES

SDG No. : CBN47

ICP Instrument ID: 08643 Date: 05/2007

Analyte	Wave-length (nm)	Interelement Correction Factor for: AL	CA	FE	MG	CO
Lead1	220.35	0.0008228	-0.0000322	0.0000547	0.0000707	-0.0027443
Lead2	220.35	-0.0004580	0.0000020	0.0001005	-0.0000188	0.0000820

Comments:

QUALITY ASSURANCE SUMMARY

FORM 11

ICP INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Lab Name: LANCASTER_LABORATORIES

SDG No. : CBN47

ICP Instrument ID: 08643 Date: 05/2007

Analyte	Wave-length (nm)	Interelement Correction Factor for: CR	CU	MO	NI	SB
Lead1	220.35	-0.0000200	0.0002777	-0.0011890	0.0003350	-0.0000806
Lead2	220.35	-0.0000500	0.0000000	-0.0000456	0.0001550	-0.0000190

Comments:

QUALITY ASSURANCE SUMMARY

FORM 11

ICP INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Lab Name: LANCASTER_LABORATORIES

SDG No. : CBN47

ICP Instrument ID: 08643 Date: 05/2007

Analyte	Wave-length (nm)	Interelement Correction Factor for: TI	V	--	--	--
Lead1	220.35	0.0007410	0.0002447			
Lead2	220.35	-0.0005000	-0.0002500			

Comments:

QUALITY ASSURANCE SUMMARY

FORM 12

LINEAR RANGES

Lab Name: LANCASTER_LABORATORIES

SDG No.: CBN47

ICP Instrument ID: 08643 Date: 07/2007

Method: P

Analyte	Wavelength (nm)	Integration Time (Sec.)	Concentration (ug/L)
Lead	220.35	10.00	10000.0

Comments:

Preparation and Run Logs

QUALITY ASSURANCE SUMMARY

FORM 13

PREPARATION LOG

Lab Name: LANCASTER_LABORATORIES___

SDG No.: CBN47_

Method: P_

Batch ID: P23648C

EPA Sample No.	Preparation Date	Weight (gram)	Volume (ml)
BCEB1	08/26/2007		50
DB-8A	08/26/2007		50
DC--1	08/26/2007		50
DC--2	08/26/2007		50
OR--2	08/26/2007		50
OR--3	08/26/2007		50
OS--1	08/26/2007		50
TF--5	08/26/2007		50
TF-23	08/26/2007		50
TF123	08/26/2007		50
OS--3	08/26/2007		50
OS--3D	08/26/2007		50
OS--3M	08/26/2007		50
OS--3S	08/26/2007		50
P23648CB	08/26/2007		50
P23648CQ	08/26/2007		50

QUALITY ASSURANCE SUMMARY

FORM 14

ANALYSIS RUN LOG

Lab Name: LANCASTER_LABORATORIES

SDG No.: CBN47

Instrument ID Number: 08643 Method: P

Start Date: 09/01/2007 End Date: 09/02/2007

EPA Sample No.	D/F	Time	% R	Analytes
				PB
S0	1.00	2304		X
S	1.00	2308		
S	1.00	2312		X
S	1.00	2317		
ICV	1.00	2322		X
ICB	1.00	2326		X
LLC	1.00	2330		X
ICSA	1.00	2334		X
ICSAB	1.00	2339		X
CCV	1.00	2343		X
CCB	1.00	2347		X
P23648CB	1.00	2351		X
P23648CQ	1.00	2356		X
OS--3	1.00	0000		X
OS--3A	1.00	0004		
OS--3D	1.00	0009		X
OS--3S	1.00	0013		X
OS--3M	1.00	0017		X
OS--3L	5.00	0022		X
TF--5	1.00	0026		X
TF-23	1.00	0030		X
CCV	1.00	0034		X
CCB	1.00	0039		X
TF123	1.00	0043		X
BCEB1	1.00	0047		X
DC--2	1.00	0052		X
DB-8A	1.00	0056		X
OS--1	1.00	0100		X
OR--3	1.00	0105		X
OR--2	1.00	0109		X
DC--1	1.00	0114		X
ZZZZZZ	1.00	0118		

QUALITY ASSURANCE SUMMARY

FORM 14

ANALYSIS RUN LOG

Lab Name: LANCASTER_LABORATORIES

SDG No.: CBN47

Instrument ID Number: 08643 Method: P

Start Date: 09/01/2007 End Date: 09/02/2007

EPA Sample No.	D/F	Time	% R	Analytes																													
				PB																													
ZZZZZZ	1.00	0122																															
CCV	1.00	0126		X																													
CCB	1.00	0131		X																													
ZZZZZZ	1.00	0135																															
ZZZZZZ	1.00	0139																															
ZZZZZZ	1.00	0144																															
ZZZZZZ	1.00	0148																															
ZZZZZZ	1.00	0153																															
ZZZZZZ	1.00	0157																															
ZZZZZZ	1.00	0201																															
LLC	1.00	0206		X																													
ICSA	1.00	0210		X																													
ICSAB	1.00	0214		X																													
CCV	1.00	0218		X																													
CCB	1.00	0223		X																													

Raw Data

ICP Data

Lancaster Laboratories

ICP-AES Run Data Report

Data Reviewed By: 9/02/07

Data Verified By: 9-4-07

Data File Name 0724405T65.DAT
Run Name: 0724405T65

Method Reference Name(s):
SW-846 6010B

Analyst Employee: 2106

Instrument Parameters:

Individual Integration Time:	10.00 sec
Total Integration Time:	30.00 sec
Rinse Time:	90.00 sec

Element	Analyte Name	Wavelength Value
AG	Silver	328.06
AL	Aluminum	308.21
AS	Arsenic	189.04
B	Boron	249.67
BA	Barium	493.40
BE	Beryllium	313.04
CA	Calcium	317.93
CD	Cadmium	226.50
CO	Cobalt	228.61
CR	Chromium	267.71
CU	Copper	324.75
FE	Iron	259.94
K	Potassium	766.49
MG	Magnesium	279.07
MN	Manganese	257.61
MO	Molybdenum	202.03
NA	Sodium	330.23
NI	Nickel	231.60
PB	Lead	220.35/1
PB	Lead	220.35/2
SB	Antimony	206.83
SE	Selenium	196.02/1
SE	Selenium	196.02/2
SN	Tin	189.98
SR	Strontium	421.55
TI	Titanium	334.94
TL	Thallium	190.86
V	Vanadium	292.40
Y	Yttrium	371.03
ZN	Zinc	206.20

The 61E TRACE ICP uses a Crawford-Kunselman Noise Reduction Technique for lead and selenium. This requires the utilization of the first and second order wavelengths in the calculation of each of these metals determinations.

The 61E TRACE ICP also utilizes Yttrium as an internal standard to compensate for fluctuations in nebulization and plasma conditions. All Yttrium readings are expressed in counts.

LANCASTER LABORATORIES

Run Name: 0724405T65 Instrument ID: 08643

Tube: 1 Date/Time: 09/01/2007 23:04

Sample Number: **S0**

ELEMENT	CONC (ppm)	AVERAGE INTENSITY	% RSD	INTEGRATIONS #1	#2	#3
AG	0.000	0.00000	173.205	0.00000	0.00000	-0.00001
AL	0.000	0.00110	9.369	0.00121	0.00108	0.00101
AS	0.000	0.00046	88.851	0.00040	0.00008	0.00090
B	0.000	0.00100	14.405	0.00103	0.00085	0.00113
BA	0.000	0.00013	5.919	0.00014	0.00012	0.00014
CA	0.000	0.00105	4.462	0.00110	0.00104	0.00101
CD	0.000	0.00132	65.005	0.00131	0.00047	0.00219
CO	0.000	-0.00002	34.592	-0.00003	-0.00001	-0.00003
CR	0.000	0.00004	0.448	0.00004	0.00004	0.00004
CU	0.000	0.00667	1.695	0.00660	0.00680	0.00661
FE	0.000	0.00002	114.775	0.00000	0.00004	0.00001
MG	0.000	0.00055	37.619	0.00076	0.00051	0.00036
MN	0.000	0.00005	16.121	0.00006	0.00006	0.00004
MO	0.000	0.00016	19.920	0.00014	0.00014	0.00019
NA	0.000	-0.00019	43.201	-0.00010	-0.00024	-0.00025
NI	0.000	0.00015	43.837	0.00010	0.00012	0.00022
PB	0.000	9.00000	0.000	9.00000	9.00000	9.00000
SB	0.000	0.00114	30.588	0.00121	0.00144	0.00076
SE	0.000	9.66667	5.973	9.00000	10.00000	10.00000
SN	0.000	-0.00049	44.610	-0.00040	-0.00033	-0.00074
SR	0.000	0.00083	4.661	0.00086	0.00083	0.00079
TI	0.000	0.00001	0.448	0.00001	0.00001	0.00001
V	0.000	-0.00006	13.408	-0.00006	-0.00007	-0.00006
Y	N/A	73447.33333	0.441	73159.00000	73385.00000	73798.00000
ZN	0.000	-0.00002	86.604	0.00000	-0.00003	-0.00003

8923

LANCASTER LABORATORIES

Run Name: 0724405T65

Tube: 2 5

Sample Number: **S1**

Instrument ID: 08643

Date/Time: 09/01/2007 23:08

ELEMENT	CONC (ppm)	AVERAGE INTENSITY	% RSD	INTEGRATIONS #1	#2	#3
AL	50.000	0.42937	0.549	0.43043	0.43101	0.42666
CA	50.000	0.16384	0.276	0.16382	0.16430	0.16339
FE	50.000	0.46309	0.355	0.46140	0.46469	0.46317
MG	50.000	0.63048	0.271	0.62860	0.63194	0.63092
NA	50.000	0.07558	0.303	0.07533	0.07564	0.07578
Y	N/A	74492.00000	0.254	74521.00000	74290.00000	74665.00000

8924

LANCASTER LABORATORIES

Run Name: 0724405T65

Tube: 3 5

Sample Number: **S2**

Instrument ID: 08643

Date/Time: 09/01/2007 23:12

ELEMENT	CONC (ppm)	AVERAGE INTENSITY	% RSD	INTEGRATIONS #1	#2	#3
AG	1.000	0.03313	0.647	0.03288	0.03329	0.03321
AS	1.000	0.12903	0.997	0.12761	0.12939	0.13010
B	1.000	0.59300	1.033	0.58932	0.60008	0.58961
BA	1.000	0.18337	0.649	0.18201	0.18421	0.18389
CD	1.000	3.15680	0.607	3.13466	3.16802	3.16773
CO	1.000	0.02586	0.969	0.02579	0.02614	0.02566
CU	1.000	0.26467	0.938	0.26397	0.26743	0.26262
MN	1.000	0.18669	0.737	0.18511	0.18759	0.18738
NI	1.000	0.06045	0.454	0.06015	0.06069	0.06050
PB	1.000	9.00000	0.000	9.00000	9.00000	9.00000
SE	1.000	9.66667	5.973	9.00000	10.00000	10.00000
SR	1.000	1.07096	0.763	1.06154	1.07520	1.07615
Y	N/A	73647.00000	0.621	74090.00000	73176.00000	73675.00000
ZN	1.000	0.04580	0.742	0.04544	0.04611	0.04585

8925

LANCASTER LABORATORIES

Run Name: 0724405T65

Instrument ID: 08643

Tube: 4 5

Date/Time: 09/01/2007 23:17

Sample Number: **S3**

ELEMENT	CONC (ppm)	AVERAGE INTENSITY	% RSD	INTEGRATIONS #1	#2	#3
CR	1.000	0.04197	0.455	0.04184	0.04188	0.04219
MO	1.000	0.01147	8.681	0.01037	0.01174	0.01231
SB	1.000	0.20283	0.217	0.20313	0.20232	0.20303
SN	1.000	0.07424	0.450	0.07392	0.07421	0.07458
TI	1.000	0.00859	0.303	0.00857	0.00857	0.00862
V	1.000	0.03642	0.595	0.03618	0.03648	0.03660
Y	N/A	73251.66667	0.108	73342.00000	73219.00000	73194.00000

8926

LANCASTER LABORATORIES

Run Name: 0724405T65

Tube: 5

Sample Number: **ICV**

Instrument ID: 08643

Date/Time: 09/01/2007 23:22

ELEMENT	AVERAGE CONC (ppm)	AVERAGE INTENSITY	%RSD	INTEGRATIONS #1	#2	#3
AG	0.58333	1,534.33	0.187	0.58208	0.58379	0.58412
AL	29.17224	18,365.67	0.810	29.40178	29.18501	28.92992
AS	0.56990	7,559.00	0.702	0.57338	0.56553	0.57078
B	0.59842	32,304.33	0.979	0.60359	0.59960	0.59206
BA	0.57735	7,735.00	0.282	0.57549	0.57811	0.57846
CA	28.90480	6,919.33	0.136	28.85932	28.92624	28.92882
CD	0.57665	139,015.67	0.115	0.57608	0.57650	0.57737
CO	0.57614	1,261.33	0.878	0.58032	0.57759	0.57052
CR	0.59775	2,041.00	0.763	0.60200	0.59830	0.59293
CU	0.59002	12,255.33	0.747	0.59366	0.59129	0.58512
FE	28.78735	20,300.67	0.640	28.57452	28.89232	28.89520
MG	29.36820	27,244.00	0.276	29.27783	29.39255	29.43422
MN	0.58046	7,961.00	0.361	0.57804	0.58170	0.58164
MO	0.63526	630.67	8.372	0.57579	0.65174	0.67826
NA	28.87711	4,393.67	0.242	28.79664	28.92047	28.91424
NI	0.57485	2,943.00	0.449	0.57636	0.57633	0.57187
PB	0.58942	12.00	0.699	0.58472	0.59243	0.59110
SB	0.59605	13,065.00	0.191	0.59639	0.59478	0.59698
SE	0.58099	9.00	1.724	0.57128	0.58039	0.59129
SN	0.58346	5,360.33	0.332	0.58211	0.58568	0.58258
SR	0.58239	53,556.33	0.385	0.57987	0.58316	0.58415
TI	0.59234	408.33	0.545	0.58912	0.59232	0.59558
V	0.59855	1,738.33	0.258	0.59677	0.59932	0.59956
Y	73947.00000	73,947.00	0.156	73876.00000	74080.00000	73885.00000
ZN	0.58577	2,021.00	0.203	0.58453	0.58588	0.58690

8927

LANCASTER LABORATORIES

Run Name: 0724405T65

Tube: 6

Sample Number: **ICB**

Instrument ID: 08643

Date/Time: 09/01/2007 23:26

ELEMENT	AVERAGE CONC (ppm)	AVERAGE INTENSITY	%RSD	INTEGRATIONS #1	#2	#3
AG	0.00056	142.00	0.192	0.00056	0.00056	0.00056
AL	-0.08784	271.67	2.594	-0.08753	-0.08573	-0.09025
AS	-0.00669	2,102.00	11.472	-0.00624	-0.00626	-0.00758
B	0.00130	3,532.00	12.846	0.00149	0.00118	0.00122
BA	0.00000	104.67	241.699	-0.00005	0.00003	0.00003
CA	-0.04004	109.00	1.779	-0.04065	-0.04022	-0.03926
CD	-0.00043	5,853.00	55.296	-0.00069	-0.00038	-0.00022
CO	0.00035	181.00	0.404	0.00035	0.00035	0.00035
CR	0.00045	217.33	43.529	0.00033	0.00034	0.00067
CU	-0.00018	1,264.33	224.644	-0.00052	0.00027	-0.00029
FE	0.00940	872.33	39.823	0.00593	0.00890	0.01336
MG	-0.02577	465.33	2.397	-0.02506	-0.02616	-0.02610
MN	-0.00002	140.33	179.735	0.00003	-0.00005	-0.00005
MO	0.00990	111.33	63.181	0.01681	0.00826	0.00463
NA	0.45031	1,180.00	5.447	0.43206	0.47819	0.44068
NI	-0.00145	362.33	93.173	0.00009	-0.00245	-0.00198
PB	-0.00187	9.00	115.158	-0.00409	-0.00173	0.00021
SB	-0.00294	3,750.00	45.237	-0.00198	-0.00446	-0.00239
SE	-0.00246	9.33	58.865	-0.00095	-0.00261	-0.00383
SN	0.00473	1,973.00	47.612	0.00678	0.00232	0.00511
SR	0.00002	529.67	88.573	0.00001	0.00003	0.00001
TI	0.00055	38.33	170.457	0.00162	0.00001	0.00001
V	0.00068	146.33	59.264	0.00022	0.00093	0.00091
Y	73092.66667	73,092.67	0.235	73239.00000	73135.00000	72904.00000
ZN	0.00172	73.33	10.359	0.00161	0.00193	0.00163

8928

LANCASTER LABORATORIES

Run Name: 0724405T65

Tube: 7

Sample Number: **LLC**

Instrument ID: 08643

Date/Time: 09/01/2007 23:30

ELEMENT	AVERAGE CONC (ppm)	AVERAGE INTENSITY	%RSD	INTEGRATIONS #1	#2	#3
AG	0.00528	154.33	4.598	0.00512	0.00517	0.00556
AL	0.09633	387.33	1.903	0.09755	0.09723	0.09423
AS	0.01378	2,263.00	3.083	0.01337	0.01377	0.01422
B	0.05325	5,839.33	0.930	0.05335	0.05369	0.05271
BA	0.00485	169.00	0.581	0.00482	0.00488	0.00485
CA	0.14424	154.00	1.687	0.14176	0.14663	0.14432
CD	0.00474	7,021.33	2.475	0.00473	0.00463	0.00486
CO	0.00585	190.33	4.878	0.00618	0.00570	0.00568
CR	0.01528	263.33	1.729	0.01508	0.01558	0.01517
CU	0.00928	1,447.00	1.555	0.00942	0.00913	0.00929
FE	0.20296	999.00	0.960	0.20488	0.20098	0.20301
MG	0.05975	547.67	2.022	0.06071	0.05840	0.06015
MN	0.00479	204.33	2.265	0.00467	0.00486	0.00484
MO	0.01465	116.33	10.478	0.01288	0.01560	0.01546
NA	1.29572	1,282.33	4.802	1.22438	1.32399	1.33878
NI	0.00810	401.00	11.766	0.00919	0.00770	0.00742
PB	0.01664	9.00	11.920	0.01502	0.01606	0.01885
SB	0.01385	4,057.00	3.208	0.01375	0.01347	0.01434
SE	0.03261	10.00	18.790	0.03353	0.03823	0.02608
SN	0.02939	2,100.33	6.126	0.02939	0.02758	0.03118
SR	0.00476	966.00	0.764	0.00472	0.00478	0.00477
TI	0.01128	45.00	0.577	0.01122	0.01135	0.01129
V	0.00500	159.67	8.860	0.00472	0.00476	0.00551
Y	73564.33333	73,564.33	0.496	73936.00000	73206.00000	73551.00000
ZN	0.01915	131.33	1.894	0.01955	0.01884	0.01906

8929

LANCASTER LABORATORIES

Run Name: 0724405T65

Tube: 8

Sample Number: **ICSA**

Instrument ID: 08643

Date/Time: 09/01/2007 23:34

ELEMENT	AVERAGE CONC (ppm)	AVERAGE INTENSITY	%RSD	INTEGRATIONS #1	#2	#3
AG	-0.00001	148.67	808.815	-0.00032	0.00014	0.00014
AL	496.49149	277,887.33	0.569	499.55532	493.99501	495.92414
AS	0.00277	4,267.67	184.592	-0.00135	0.00848	0.00116
B	-0.01863	21,308.00	18.532	-0.01471	-0.02121	-0.01997
BA	-0.00054	121.33	7.239	-0.00056	-0.00050	-0.00057
CA	507.30571	105,507.67	0.231	505.96051	507.86608	508.09055
CD	0.00218	16,781.00	9.442	0.00216	0.00199	0.00240
CO	0.00128	207.00	0.359	0.00128	0.00127	0.00128
CR	0.00046	308.33	90.775	0.00069	-0.00002	0.00070
CU	0.00045	1,415.67	82.994	0.00088	0.00028	0.00019
FE	205.20067	122,262.67	0.224	204.67291	205.42666	205.50243
MG	507.44390	441,977.67	0.137	506.67144	507.63850	508.02177
MN	0.00108	337.33	3.796	0.00106	0.00113	0.00106
MO	0.01558	270.33	12.579	0.01517	0.01771	0.01386
NA	0.95423	1,670.33	8.222	0.93031	1.04185	0.89051
NI	0.00597	446.33	39.346	0.00413	0.00861	0.00515
PB	-0.00118	9.00	416.294	-0.00682	0.00205	0.00124
SB	-0.00830	10,749.67	3.712	-0.00816	-0.00808	-0.00865
SE	-0.00266	11.00	228.196	-0.00962	0.00024	0.00142
SN	0.02100	4,293.67	9.434	0.01926	0.02057	0.02316
SR	0.00355	909.33	0.551	0.00356	0.00356	0.00353
TI	-0.00205	54.33	51.468	-0.00267	-0.00083	-0.00265
V	-0.00482	206.67	4.634	-0.00508	-0.00468	-0.00470
Y	74918.33333	74,918.33	0.311	74826.00000	75183.00000	74746.00000
ZN	0.01663	202.00	1.187	0.01641	0.01678	0.01670

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LANCASTER LABORATORIES

Run Name: 0724405T65

Tube: 9

Sample Number: **ICSAB**

Instrument ID: 08643

Date/Time: 09/01/2007 23:39

ELEMENT	AVERAGE CONC (ppm)	AVERAGE INTENSITY	%RSD	INTEGRATIONS #1	#2	#3
AG	0.21682	619.33	0.708	0.21546	0.21848	0.21652
AL	500.63848	277,893.33	0.403	500.25895	502.82092	498.83557
AS	0.10801	5,105.67	3.020	0.11017	0.10961	0.10426
B	-0.02056	21,296.00	13.863	-0.01788	-0.02023	-0.02356
BA	0.52198	6,396.67	0.358	0.51996	0.52365	0.52233
CA	513.21262	105,814.00	0.355	511.37917	515.01908	513.23961
CD	1.00346	224,600.00	0.471	0.99911	1.00848	1.00278
CO	0.50841	1,065.67	0.418	0.50805	0.51070	0.50649
CR	0.51634	1,724.67	0.488	0.51614	0.51896	0.51393
CU	0.55987	10,864.00	0.458	0.55923	0.56269	0.55768
FE	206.98682	122,301.33	0.502	205.86398	207.91636	207.18014
MG	512.38766	442,898.67	0.393	510.22216	514.21036	512.73046
MN	0.51103	6,566.33	0.377	0.50892	0.51268	0.51148
MO	0.01490	270.67	27.060	0.01253	0.01955	0.01261
NA	0.99335	1,672.67	8.429	1.00502	1.07064	0.90440
NI	0.99679	4,467.33	0.597	0.99175	1.00336	0.99527
PB	0.04508	11.67	18.260	0.03590	0.05180	0.04754
SB	0.65115	19,421.00	0.817	0.64851	0.65727	0.64767
SE	0.04800	8.67	8.003	0.04416	0.05184	0.04800
SN	0.01914	4,290.67	11.008	0.01733	0.01864	0.02145
SR	0.00349	903.67	0.311	0.00349	0.00350	0.00348
TI	-0.00159	54.67	65.347	-0.00099	-0.00279	-0.00099
V	0.51513	1,449.00	0.466	0.51253	0.51726	0.51561
Y	74417.33333	74,417.33	0.333	74641.00000	74151.00000	74460.00000
ZN	1.04896	3,313.67	0.391	1.04483	1.05303	1.04903

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LANCASTER LABORATORIES

Run Name: 0724405T65

Tube: 10

Sample Number: **CCV**

Instrument ID: 08643

Date/Time: 09/01/2007 23:43

ELEMENT	AVERAGE CONC (ppm)	AVERAGE INTENSITY	%RSD	INTEGRATIONS #1	#2	#3
AG	0.48214	1,248.67	0.268	0.48065	0.48298	0.48278
AL	24.14410	14,754.33	0.977	24.37257	24.15827	23.90146
AS	0.44797	6,177.33	0.114	0.44776	0.44856	0.44760
B	0.47770	25,639.67	1.061	0.48203	0.47895	0.47213
BA	0.48483	6,297.33	0.150	0.48399	0.48517	0.48532
CA	23.93030	5,561.67	0.412	23.81946	23.96373	24.00771
CD	0.48153	113,054.67	0.219	0.48043	0.48163	0.48254
CO	0.48169	1,047.67	0.922	0.48569	0.48248	0.47691
CR	0.50245	1,687.33	0.957	0.50679	0.50328	0.49729
CU	0.50297	10,281.67	1.165	0.50880	0.50303	0.49707
FE	24.05919	16,557.00	0.385	23.95305	24.10036	24.12416
MG	23.98504	21,620.33	0.204	23.92900	24.00734	24.01877
MN	0.48309	6,429.67	0.378	0.48099	0.48401	0.48428
MO	0.57346	561.00	1.630	0.56280	0.57734	0.58025
NA	23.98931	3,746.00	0.716	23.81376	23.99718	24.15700
NI	0.47464	2,411.00	0.532	0.47279	0.47362	0.47751
PB	0.48505	10.00	0.539	0.48418	0.48299	0.48799
SB	0.49179	10,960.33	0.366	0.48973	0.49303	0.49260
SE	0.44667	12.00	0.189	0.44661	0.44586	0.44754
SN	0.48183	4,640.00	0.439	0.48069	0.48427	0.48053
SR	0.48889	43,411.67	0.427	0.48657	0.48949	0.49061
TI	0.49961	339.33	0.438	0.49740	0.49966	0.50177
V	0.49700	1,419.00	0.393	0.49483	0.49754	0.49862
Y	71350.33333	71,350.33	0.902	70645.00000	71501.00000	71905.00000
ZN	0.47649	1,608.00	0.558	0.47477	0.47514	0.47955

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LANCASTER LABORATORIES

Run Name: 0724405T65

Tube: 11

Sample Number: **CCB**

Instrument ID: 08643

Date/Time: 09/01/2007 23:47

ELEMENT	AVERAGE CONC (ppm)	AVERAGE INTENSITY	%RSD	INTEGRATIONS #1	#2	#3
AG	0.00028	142.33	86.863	0.00014	0.00056	0.00014
AL	-0.06637	284.67	18.129	-0.05414	-0.06678	-0.07820
AS	-0.00729	2,087.33	32.467	-0.00591	-0.00595	-0.01003
B	0.00041	3,532.00	53.357	0.00064	0.00038	0.00020
BA	0.00007	105.67	57.722	0.00009	0.00010	0.00002
CA	-0.01077	116.67	176.094	0.00873	-0.01188	-0.02916
CD	-0.00020	5,949.33	74.617	-0.00024	-0.00033	-0.00004
CO	-0.00070	181.00	1.640	-0.00069	-0.00071	-0.00071
CR	-0.00066	218.00	49.110	-0.00034	-0.00099	-0.00066
CU	-0.00006	1,269.33	161.200	-0.00015	0.00005	-0.00009
FE	0.01775	883.00	65.031	0.03082	0.01342	0.00899
MG	-0.00704	491.33	226.244	0.00894	-0.00716	-0.02290
MN	0.00010	141.00	131.366	0.00017	0.00017	-0.00005
MO	0.00480	106.33	11.610	0.00545	0.00449	0.00447
NA	0.43884	1,190.67	4.326	0.43380	0.42289	0.45984
NI	0.00014	362.33	180.664	0.00027	0.00031	-0.00015
PB	-0.00114	9.00	59.057	-0.00055	-0.00101	-0.00188
SB	0.00049	3,781.67	198.171	0.00100	0.00110	-0.00063
SE	-0.00428	9.67	74.055	-0.00209	-0.00284	-0.00791
SN	0.00205	1,971.33	47.367	0.00313	0.00179	0.00124
SR	0.00000	530.67	084.812	0.00004	-0.00001	-0.00005
TI	-0.00215	37.67	43.270	-0.00161	-0.00162	-0.00323
V	0.00079	146.67	28.090	0.00093	0.00091	0.00053
Y	73832.00000	73,832.00	0.755	74474.00000	73471.00000	73551.00000
ZN	0.00170	73.33	9.485	0.00189	0.00161	0.00161

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LANCASTER LABORATORIES

Run Name: 0724405T65 P 23648 CD

Tube: 12

Instrument ID: 08643

Date/Time: 09/01/2007 23:51

Sample Number: **PBW** Class: **** Batch: 072361848003

Initial Vol: 50.00 Final Vol: 50.00 DF: 1.00 Protocol Symbol: S

ELEMENT	AVERAGE CONC (ppm)	AVERAGE INTENSITY	%RSD	INTEGRATIONS #1	#2	#3
AG	-0.00028	141.00	0.493	-0.00028	-0.00028	-0.00028
AL	-0.09435	266.67	1.028	-0.09349	-0.09416	-0.09540
AS	-0.00555	2,073.67	71.267	-0.00185	-0.00972	-0.00509
B	0.00492	3,691.00	3.123	0.00504	0.00474	0.00496
BA	-0.00012	103.00	1.675	-0.00012	-0.00013	-0.00012
CA	-0.01187	115.67	33.211	-0.01365	-0.00735	-0.01461
CD	0.00023	5,894.67	18.630	0.00019	0.00023	0.00027
CO	0.00000	179.33	323.003	0.00035	-0.00018	-0.00018
CR	-0.00033	216.00	101.658	-0.00033	-0.00066	0.00000
CU	-0.00034	1,260.67	185.550	0.00003	0.00002	-0.00107
FE	0.00597	864.00	43.667	0.00296	0.00747	0.00747
MG	-0.03255	459.33	8.590	-0.03515	-0.02959	-0.03292
MN	0.00008	139.67	112.539	0.00003	0.00017	0.00003
MO	0.00211	106.00	55.638	0.00093	0.00328	0.00212
NA	0.70740	1,215.67	5.533	0.73888	0.66358	0.71975
NI	-0.00045	360.67	167.516	0.00010	-0.00130	-0.00014
PB	-0.00212	9.00	62.115	-0.00216	-0.00341	-0.00078
SB	-0.00023	3,752.33	573.519	0.00032	-0.00171	0.00071
SE	-0.00147	9.00	274.071	-0.00248	-0.00491	0.00297
SN	0.00436	1,983.00	92.963	0.00249	0.00901	0.00158
SR	-0.00003	523.33	29.728	-0.00003	-0.00003	-0.00002
TI	0.00001	38.00	77.721	0.00001	0.00000	0.00001
V	0.00077	145.67	28.745	0.00089	0.00090	0.00051
Y	73141.33333	73,141.33	0.332	72909.00000	73394.00000	73121.00000
ZN	0.00091	70.67	19.358	0.00101	0.00101	0.00071

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LANCASTER LABORATORIES

Run Name: 0724405T65 Instrument ID: 08643

Tube: 13 P23648CQ Date/Time: 09/01/2007 23:56

Sample Number: **LCSW** Class: **** Batch: 072361848003

Initial Vol: 1.00 Final Vol: 1.00 DF: 1.00 Protocol Symbol: S

ELEMENT	AVERAGE CONC (ppm)	AVERAGE INTENSITY	%RSD	INTEGRATIONS #1	#2	#3
AG	0.04660	255.00	1.664	0.04606	0.04625	0.04749
AL	1.75176	1,440.33	0.608	1.74842	1.76368	1.74318
AS	0.13622	3,362.00	2.850	0.13750	0.13186	0.13929
B	1.86062	85,548.67	0.615	1.86242	1.87107	1.84838
BA	1.85947	24,995.33	0.639	1.84604	1.86370	1.86866
CA	3.70210	1,004.33	0.795	3.66813	3.71967	3.71849
CD	0.04620	16,712.33	1.105	0.04562	0.04639	0.04659
CO	0.46546	1,063.00	0.718	0.46627	0.46832	0.46178
CR	0.18958	798.33	0.621	0.18958	0.19076	0.18840
CU	0.23726	5,757.67	0.596	0.23797	0.23817	0.23563
FE	0.91549	1,539.00	0.917	0.90722	0.92401	0.91524
MG	1.81270	2,171.33	0.990	1.79254	1.81858	1.82698
MN	0.46800	6,514.00	0.663	0.46446	0.46932	0.47022
MO	1.91116	1,679.00	10.952	1.67944	1.96754	2.08650
NA	3.99792	1,642.00	1.582	3.93245	4.05867	4.00265
NI	0.46609	2,481.33	0.694	0.46263	0.46903	0.46660
PB	0.11746	10.00	1.560	0.11536	0.11869	0.11834
SB	0.47165	11,020.00	1.263	0.47710	0.46529	0.47254
SE	0.10902	12.00	4.671	0.10347	0.11349	0.11009
SN	3.79573	23,183.33	1.037	3.75029	3.81762	3.81928
SR	0.94016	87,060.00	0.811	0.93166	0.94242	0.94639
TI	0.96021	643.00	0.840	0.95105	0.96332	0.96626
V	0.47736	1,438.00	1.012	0.47209	0.47840	0.48158
Y	73801.66667	73,801.67	0.243	74008.00000	73688.00000	73709.00000
ZN	0.46823	1,641.67	0.795	0.46401	0.46965	0.47104

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LANCASTER LABORATORIES

Run Name: 0724405T65 Instrument ID: 08643

Tube: 14 05--3 Date/Time: 09/02/2007 00:00

Sample Number: **5136505** Class: U*** Batch: 072361848003

Initial Vol: 50.00 Final Vol: 50.00 DF: 1.00 Protocol Symbol: S

ELEMENT	AVERAGE CONC (ppm)	AVERAGE INTENSITY	%RSD	INTEGRATIONS #1	#2	#3
AG	-0.00043	141.67	56.838	-0.00071	-0.00029	-0.00029
AL	0.99975	951.33	0.906	1.00606	1.00383	0.98937
AS	-0.00347	2,110.33	31.884	-0.00415	-0.00408	-0.00220
B	0.01311	4,227.00	1.705	0.01305	0.01336	0.01293
BA	0.01547	311.33	1.995	0.01512	0.01559	0.01570
CA	30.34541	7,325.67	0.349	30.22377	30.41652	30.39593
CD	0.00005	6,062.00	293.888	0.00020	-0.00010	0.00005
CO	0.00035	182.00	151.813	0.00089	-0.00018	0.00035
CR	0.00156	227.67	24.423	0.00135	0.00200	0.00133
CU	0.00176	1,306.67	6.375	0.00186	0.00177	0.00164
FE	1.52459	1,944.67	0.878	1.50913	1.53221	1.53244
MG	8.98384	8,767.33	0.455	8.93723	9.00051	9.01379
MN	0.08837	1,340.33	0.614	0.08781	0.08840	0.08890
MO	0.05513	149.33	74.702	0.10149	0.04118	0.02274
NA	20.72980	3,466.33	0.247	20.67163	20.74975	20.76800
NI	-0.00081	364.33	100.683	0.00004	-0.00089	-0.00158
PB	-0.00302	9.00	43.358	-0.00213	-0.00241	-0.00452
SB	-0.00502	3,764.67	36.499	-0.00409	-0.00713	-0.00384
SE	-0.00760	9.33	60.678	-0.00254	-0.01156	-0.00870
SN	0.00407	2,009.67	27.547	0.00301	0.00524	0.00395
SR	0.08368	8,222.67	0.717	0.08304	0.08379	0.08423
TI	0.00861	45.00	0.331	0.00864	0.00861	0.00858
V	0.00164	152.33	13.379	0.00139	0.00181	0.00171
Y	73531.33333	73,531.33	0.304	73300.00000	73548.00000	73746.00000
ZN	0.01112	108.33	2.873	0.01075	0.01132	0.01129

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LANCASTER LABORATORIES

Run Name: 0724405T65 Instrument ID: 08643

Tube: 15 OS--3A Date/Time: 09/02/2007 00:04

Sample Number: **5136505** Class: UP** Batch: 072361848003

Initial Vol: 50.00 Final Vol: 50.00 DF: 1.00 Protocol Symbol: S

ELEMENT	AVERAGE CONC (ppm)	AVERAGE INTENSITY	%RSD	INTEGRATIONS #1	#2	#3
AG	0.01941	188.33	2.448	0.01886	0.01968	0.01969
AL	1.96398	1,558.33	0.662	1.96910	1.97366	1.94919
AS	0.47903	6,678.33	0.652	0.47549	0.48137	0.48025
B	0.21015	12,956.33	0.567	0.21054	0.21110	0.20882
BA	0.06335	952.33	0.520	0.06297	0.06352	0.06356
CA	30.61419	7,407.00	0.162	30.55709	30.64179	30.64368
CD	0.04948	17,469.33	0.526	0.04962	0.04918	0.04965
CO	0.09794	367.33	0.851	0.09886	0.09772	0.09724
CR	0.20089	838.00	0.626	0.20096	0.20211	0.19960
CU	0.49913	10,666.00	0.390	0.49974	0.50070	0.49695
FE	1.97564	2,264.67	0.556	1.96792	1.97077	1.98823
MG	9.75502	9,499.33	0.429	9.70668	9.78012	9.77827
MN	0.14566	2,121.67	0.398	0.14499	0.14606	0.14592
MO	0.23257	297.00	4.511	0.22045	0.23855	0.23870
NA	22.19122	3,638.33	0.770	21.99424	22.27855	22.30086
NI	0.14565	1,031.33	0.823	0.14448	0.14687	0.14559
PB	0.49062	11.00	0.347	0.48868	0.49136	0.49184
SB	0.39619	9,745.00	0.736	0.39283	0.39811	0.39762
SE	0.79803	8.33	1.913	0.78552	0.81504	0.79353
SN	0.60194	5,347.00	0.481	0.59864	0.60314	0.60405
SR	0.10118	9,854.67	0.463	0.10063	0.10147	0.10143
TI	0.10999	109.00	0.043	0.11003	0.10994	0.11001
V	0.10246	423.33	0.205	0.10230	0.10270	0.10238
Y	73733.33333	73,733.33	0.042	73708.00000	73768.00000	73724.00000
ZN	0.12983	506.33	0.536	0.12918	0.13056	0.12974

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LANCASTER LABORATORIES

Run Name: 0724405T65 Instrument ID: 08643

Tube: 16 OS--30 Date/Time: 09/02/2007 00:09

Sample Number: **5136508** Class: D*** Batch: 072361848003

Initial Vol: 50.00 Final Vol: 50.00 DF: 1.00 Protocol Symbol: S

ELEMENT	AVERAGE CONC (ppm)	AVERAGE INTENSITY	%RSD	INTEGRATIONS #1	#2	#3
AG	-0.00015	141.33	163.427	0.00013	-0.00029	-0.00029
AL	0.82983	846.33	0.809	0.82449	0.83736	0.82764
AS	-0.00032	2,125.00	216.445	-0.00044	-0.00095	0.00043
B	0.01196	4,136.00	3.920	0.01163	0.01250	0.01176
BA	0.01433	297.00	1.351	0.01414	0.01453	0.01433
CA	30.19744	7,316.00	1.174	29.78859	30.41723	30.38648
CD	0.00060	6,079.33	1.798	0.00061	0.00060	0.00059
CO	0.00054	181.33	57.053	0.00036	0.00089	0.00036
CR	0.00121	225.67	40.824	0.00163	0.00134	0.00067
CU	0.00184	1,301.00	11.794	0.00183	0.00206	0.00162
FE	1.28329	1,783.33	1.677	1.25962	1.30167	1.28858
MG	8.92257	8,733.67	1.260	8.79380	9.00133	8.97257
MN	0.07416	1,150.33	1.346	0.07303	0.07494	0.07450
MO	0.00402	107.67	59.660	0.00671	0.00212	0.00321
NA	20.66276	3,463.00	1.020	20.42352	20.82073	20.74402
NI	-0.00082	365.33	104.853	-0.00022	-0.00180	-0.00043
PB	0.00145	9.00	120.683	-0.00043	0.00173	0.00303
SB	-0.00055	3,815.33	280.905	0.00034	-0.00231	0.00033
SE	-0.00248	9.33	87.267	-0.00134	-0.00498	-0.00112
SN	0.00174	1,994.00	130.625	0.00418	-0.00033	0.00138
SR	0.08335	8,204.33	1.393	0.08202	0.08415	0.08388
TI	0.00643	43.67	15.291	0.00529	0.00703	0.00696
V	0.00161	151.00	22.668	0.00125	0.00160	0.00199
Y	73789.66667	73,789.67	0.773	74360.00000	73219.00000	73790.00000
ZN	0.01109	106.33	1.706	0.01091	0.01108	0.01129

8938

LANCASTER LABORATORIES

Run Name: 0724405T65 Instrument ID: 08643

Tube: 17 05--35 Date/Time: 09/02/2007 00:13

Sample Number: **5136506** Class: R*** Batch: 072361848003

Initial Vol: 50.00 Final Vol: 50.00 DF: 1.00 Protocol Symbol: S

ELEMENT	AVERAGE CONC (ppm)	AVERAGE INTENSITY	%RSD	INTEGRATIONS #1	#2	#3
AG	0.04564	254.33	0.805	0.04522	0.04589	0.04581
AL	2.44127	1,867.00	1.443	2.46127	2.46195	2.40060
AS	0.13846	3,414.00	0.975	0.13764	0.14002	0.13772
B	1.87133	85,814.67	1.435	1.88446	1.88909	1.84043
BA	1.85464	24,847.67	0.301	1.84833	1.85663	1.85895
CA	33.71658	8,128.33	0.322	33.59551	33.80500	33.74924
CD	0.04629	16,747.00	0.733	0.04613	0.04605	0.04667
CO	0.46314	1,055.67	1.361	0.46411	0.46889	0.45640
CR	0.18958	802.33	1.398	0.19001	0.19199	0.18675
CU	0.23811	5,756.00	1.581	0.24031	0.24024	0.23376
FE	1.69248	2,105.00	0.817	1.67701	1.69678	1.70364
MG	10.57530	10,238.33	0.412	10.52796	10.58417	10.61376
MN	0.52463	7,262.33	0.357	0.52254	0.52517	0.52616
MO	1.88453	1,655.33	10.794	1.66190	1.93095	2.06072
NA	24.34746	3,907.67	0.308	24.26135	24.38240	24.39862
NI	0.46160	2,452.00	0.363	0.46063	0.46064	0.46354
PB	0.12024	10.00	2.803	0.11783	0.12409	0.11880
SB	0.46863	10,979.67	0.191	0.46903	0.46926	0.46761
SE	0.09902	12.00	3.614	0.09498	0.10030	0.10178
SN	3.77782	22,981.67	0.432	3.75942	3.78354	3.79050
SR	1.01984	93,822.67	0.478	1.01436	1.02149	1.02368
TI	0.96188	641.67	0.727	0.95386	0.96668	0.96510
V	0.47599	1,431.67	0.664	0.47240	0.47723	0.47834
Y	73592.66667	73,592.67	0.256	73386.00000	73637.00000	73755.00000
ZN	0.47448	1,660.67	0.379	0.47263	0.47459	0.47622

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LANCASTER LABORATORIES

Run Name: 0724405T65

Tube: 18 05--3m

Instrument ID: 08643

Date/Time: 09/02/2007 00:17

Sample Number: **5136507** Class: M*** Batch: 072361848003

Initial Vol: 50.00 Final Vol: 50.00 DF: 1.00 Protocol Symbol: S

ELEMENT	AVERAGE CONC (ppm)	AVERAGE INTENSITY	%RSD	INTEGRATIONS #1	#2	#3
AG	0.04606	254.67	2.087	0.04498	0.04684	0.04635
AL	2.51168	1,932.00	2.001	2.46371	2.56397	2.50736
AS	0.13372	3,411.33	4.321	0.12782	0.13399	0.13936
B	1.86067	86,351.00	1.960	1.82828	1.90016	1.85356
BA	1.83408	24,866.67	2.589	1.77936	1.86449	1.85839
CA	33.65663	8,210.67	2.483	32.69304	34.18144	34.09540
CD	0.04627	16,855.00	3.034	0.04467	0.04728	0.04686
CO	0.45919	1,059.67	2.010	0.45183	0.46954	0.45618
CR	0.18795	805.33	1.970	0.18516	0.19215	0.18655
CU	0.23674	5,787.00	2.113	0.23249	0.24225	0.23547
FE	1.74930	2,158.67	3.622	1.67619	1.78388	1.78784
MG	10.49546	10,281.00	2.674	10.17155	10.66482	10.65000
MN	0.52737	7,385.00	2.524	0.51201	0.53563	0.53446
MO	1.90198	1,688.00	11.319	1.66149	1.96770	2.07675
NA	23.86874	3,903.00	2.271	23.24462	24.13912	24.22249
NI	0.45740	2,454.67	3.132	0.44153	0.46939	0.46129
PB	0.11572	10.00	4.826	0.11085	0.12182	0.11448
SB	0.45683	10,974.00	2.143	0.44572	0.46420	0.46056
SE	0.10740	12.00	3.788	0.10547	0.11207	0.10466
SN	3.74339	23,067.33	2.702	3.62671	3.79733	3.80612
SR	1.01007	94,163.67	2.831	0.97706	1.02718	1.02596
TI	0.95047	642.67	2.917	0.91848	0.96751	0.96542
V	0.46958	1,431.00	2.961	0.45353	0.47785	0.47737
Y	74487.00000	74,487.00	1.590	75782.00000	73460.00000	74219.00000
ZN	0.47400	1,678.00	2.590	0.45982	0.48089	0.48129

8945

LANCASTER LABORATORIES

Run Name: 0724405T65 Instrument ID: 08643

Tube: 19 OS--3L Date/Time: 09/02/2007 00:22

Sample Number: **5136505** Class: UL** Batch: 072361848003

Initial Vol: 50.00 Final Vol: 50.00 DF: 5.00 Protocol Symbol: S

ELEMENT	AVERAGE CONC (ppm)	AVERAGE INTENSITY	%RSD	INTEGRATIONS #1	#2	#3
AG	-0.00056	141.33	43.322	-0.00028	-0.00070	-0.00070
AL	0.13512	410.33	3.053	0.13868	0.13606	0.13060
AS	-0.00152	2,101.67	183.834	0.00165	-0.00258	-0.00361
B	0.00614	3,799.67	18.646	0.00728	0.00616	0.00499
BA	0.00431	162.00	9.329	0.00466	0.00441	0.00387
CA	6.12282	1,577.00	0.240	6.10708	6.12517	6.13621
CD	0.00018	5,926.33	21.116	0.00022	0.00016	0.00016
CO	-0.00018	181.00	2.438	-0.00017	-0.00018	-0.00018
CR	0.00022	219.67	168.076	0.00066	0.00001	0.00001
CU	0.00078	1,282.33	57.111	0.00123	0.00034	0.00077
FE	0.31756	1,088.33	1.430	0.32237	0.31695	0.31335
MG	1.81538	2,169.67	0.295	1.81287	1.82152	1.81174
MN	0.01835	388.33	0.317	0.01835	0.01841	0.01829
MO	0.06623	158.67	70.827	0.11849	0.05242	0.02778
NA	4.55401	1,640.33	2.554	4.60838	4.63315	4.42049
NI	-0.00047	363.67	142.671	-0.00086	-0.00084	0.00030
PB	-0.00032	9.00	192.525	0.00023	-0.00098	-0.00021
SB	-0.00218	3,774.33	15.909	-0.00180	-0.00226	-0.00248
SE	0.00001	9.00	357.725	0.00387	-0.00381	-0.00004
SN	0.00713	2,014.00	42.492	0.01063	0.00547	0.00529
SR	0.01765	2,156.33	1.111	0.01778	0.01774	0.01742
TI	0.00171	40.00	93.066	0.00330	0.00173	0.00011
V	0.00074	147.67	94.784	0.00154	0.00040	0.00027
Y	73539.00000	73,539.00	0.554	74000.00000	73228.00000	73389.00000
ZN	0.00331	80.00	0.494	0.00329	0.00332	0.00331

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LANCASTER LABORATORIES

Run Name: 0724405T65 Instrument ID: 08643

Tube: 20 TF--5 Date/Time: 09/02/2007 00:26

Sample Number: **5136497** Class: **** Batch: 072361848003

Initial Vol: 50.00 Final Vol: 50.00 DF: 1.00 Protocol Symbol: S

ELEMENT	AVERAGE CONC (ppm)	AVERAGE INTENSITY	%RSD	INTEGRATIONS #1	#2	#3
AG	-0.00029	142.00	0.493	-0.00029	-0.00029	-0.00029
AL	0.43026	589.00	1.675	0.43126	0.43692	0.42261
AS	-0.00741	2,130.67	29.843	-0.00867	-0.00485	-0.00870
B	0.04419	5,484.33	1.968	0.04446	0.04489	0.04322
BA	0.02387	419.67	0.556	0.02373	0.02389	0.02400
CA	63.18680	14,821.00	1.041	62.42727	63.55349	63.57964
CD	0.00134	6,293.00	13.102	0.00133	0.00153	0.00118
CO	0.00036	182.00	150.319	-0.00018	0.00036	0.00090
CR	0.00115	233.33	17.417	0.00103	0.00138	0.00103
CU	0.00756	1,412.00	1.430	0.00744	0.00760	0.00764
FE	0.72156	1,431.33	1.504	0.70949	0.73053	0.72465
MG	18.56851	17,279.67	1.216	18.31023	18.66637	18.72892
MN	0.04513	742.67	1.138	0.04454	0.04543	0.04542
MO	0.00855	111.00	13.947	0.00971	0.00862	0.00733
NA	389.11192	46,597.00	0.861	385.29399	390.48084	391.56092
NI	0.00221	371.33	46.971	0.00328	0.00121	0.00214
PB	0.00130	9.00	62.534	0.00205	0.00142	0.00044
SB	-0.00120	3,789.00	132.319	-0.00205	0.00063	-0.00217
SE	0.00650	9.33	46.253	0.00961	0.00362	0.00627
SN	0.00846	2,005.00	20.065	0.00845	0.00676	0.01016
SR	0.22727	21,036.33	1.230	0.22407	0.22853	0.22923
TI	0.00279	42.00	0.787	0.00276	0.00280	0.00280
V	0.00089	153.00	1.009	0.00090	0.00089	0.00088
Y	72242.00000	72,242.00	0.324	72502.00000	72047.00000	72177.00000
ZN	0.02609	157.00	0.316	0.02600	0.02616	0.02611

8942

LANCASTER LABORATORIES

Run Name: 0724405T65 Instrument ID: 08643

Tube: 21 TF-23 Date/Time: 09/02/2007 00:30

Sample Number: **5136498** Class: **** Batch: 072361848003

Initial Vol: 50.00 Final Vol: 50.00 DF: 1.00 Protocol Symbol: S

ELEMENT	AVERAGE CONC (ppm)	AVERAGE INTENSITY	%RSD	INTEGRATIONS #1	#2	#3
AG	0.00011	141.00	0.098	0.00011	0.00011	0.00011
AL	7.25680	4,838.67	1.230	7.31847	7.29748	7.15444
AS	-0.00404	2,175.00	16.086	-0.00468	-0.00338	-0.00404
B	0.02901	5,899.00	2.973	0.02969	0.02930	0.02804
BA	0.06411	958.00	0.143	0.06404	0.06421	0.06407
CA	52.70245	12,563.67	0.186	52.66539	52.81347	52.62850
CD	0.00028	6,551.67	43.250	0.00022	0.00043	0.00021
CO	0.00336	189.67	9.062	0.00354	0.00301	0.00353
CR	0.00752	250.33	2.828	0.00741	0.00776	0.00738
CU	0.01243	1,507.00	3.149	0.01255	0.01276	0.01200
FE	11.36986	8,632.67	0.414	11.32153	11.41554	11.37250
MG	18.30873	17,273.00	0.109	18.29491	18.33162	18.29967
MN	0.32125	4,488.00	0.182	0.32086	0.32192	0.32098
MO	0.00549	110.67	34.782	0.00713	0.00595	0.00339
NA	78.18177	9,904.00	0.228	78.36593	78.16857	78.01080
NI	0.00922	411.00	8.377	0.00968	0.00832	0.00964
PB	0.01470	9.00	7.520	0.01461	0.01365	0.01585
SB	-0.00285	3,884.00	75.128	-0.00099	-0.00519	-0.00238
SE	-0.00489	10.00	68.287	-0.00119	-0.00767	-0.00580
SN	0.00243	2,042.67	121.639	0.00083	0.00062	0.00585
SR	0.15462	14,700.67	0.211	0.15430	0.15495	0.15461
TI	0.03981	65.00	0.296	0.03982	0.03993	0.03969
V	0.00793	170.67	3.115	0.00807	0.00808	0.00765
Y	73655.00000	73,655.00	0.280	73643.00000	73455.00000	73867.00000
ZN	0.04247	213.67	0.576	0.04228	0.04239	0.04275

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LANCASTER LABORATORIES

Run Name: 0724405T65

Tube: 22

Sample Number: **CCV**

Instrument ID: 08643

Date/Time: 09/02/2007 00:34

ELEMENT	AVERAGE CONC (ppm)	AVERAGE INTENSITY	%RSD	INTEGRATIONS #1	#2	#3
AG	0.48013	1,253.00	1.628	0.47116	0.48371	0.48551
AL	24.10951	14,855.67	1.289	23.89525	24.46588	23.96741
AS	0.44901	6,221.33	0.697	0.44843	0.44622	0.45239
B	0.48138	25,998.00	1.224	0.47794	0.48818	0.47801
BA	0.48085	6,296.67	1.515	0.47250	0.48415	0.48591
CA	23.65220	5,542.00	1.637	23.21447	23.79256	23.94957
CD	0.47863	113,469.67	1.467	0.47075	0.48093	0.48421
CO	0.48074	1,054.00	1.215	0.47623	0.48734	0.47865
CR	0.50042	1,697.33	1.319	0.49461	0.50760	0.49906
CU	0.50159	10,333.33	1.291	0.49776	0.50907	0.49795
FE	23.96133	16,621.00	1.728	23.49751	24.09261	24.29389
MG	23.86988	21,684.00	1.600	23.43546	24.02101	24.15316
MN	0.48104	6,452.67	1.677	0.47182	0.48448	0.48682
MO	0.57089	564.67	3.270	0.54963	0.57844	0.58461
NA	24.03626	3,766.67	1.709	23.57255	24.18126	24.35496
NI	0.47777	2,439.33	1.050	0.47198	0.48041	0.48091
PB	0.48806	10.00	1.482	0.48011	0.49424	0.48984
SB	0.48520	10,966.33	1.748	0.47583	0.48742	0.49236
SE	0.43550	11.67	4.063	0.41603	0.45059	0.43988
SN	0.48111	4,671.33	1.641	0.47224	0.48373	0.48736
SR	0.48443	43,590.00	1.820	0.47440	0.48792	0.49096
TI	0.49835	341.00	1.712	0.48877	0.50118	0.50512
V	0.49393	1,421.33	1.646	0.48464	0.49740	0.49975
Y	71918.33333	71,918.33	0.475	72092.00000	71525.00000	72138.00000
ZN	0.47303	1,607.33	1.805	0.46369	0.47497	0.48043

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LANCASTER LABORATORIES

Run Name: 0724405T65

Tube: 23

Sample Number: **CCB**

Instrument ID: 08643

Date/Time: 09/02/2007 00:39

ELEMENT	AVERAGE CONC (ppm)	AVERAGE INTENSITY	%RSD	INTEGRATIONS #1	#2	#3
AG	0.00014	143.00	0.017	0.00014	0.00014	0.00014
AL	-0.09249	270.67	3.918	-0.08953	-0.09140	-0.09653
AS	-0.00122	2,121.00	80.952	-0.00145	-0.00014	-0.00208
B	0.00145	3,595.33	15.598	0.00155	0.00160	0.00119
BA	0.00014	106.67	29.428	0.00016	0.00017	0.00009
CA	-0.02897	113.67	32.189	-0.02161	-0.02585	-0.03946
CD	-0.00040	5,889.00	44.632	-0.00050	-0.00019	-0.00050
CO	0.00054	182.33	56.959	0.00089	0.00036	0.00036
CR	0.00097	221.00	32.611	0.00128	0.00098	0.00065
CU	-0.00016	1,272.67	104.603	-0.00003	-0.00011	-0.00035
FE	0.00938	878.33	32.470	0.01032	0.00597	0.01184
MG	-0.02826	471.33	14.867	-0.02654	-0.02519	-0.03305
MN	0.00014	142.67	28.964	0.00017	0.00017	0.00010
MO	0.00189	107.00	5.713	0.00177	0.00198	0.00193
NA	0.36307	1,190.33	11.795	0.38888	0.38670	0.31364
NI	-0.00213	360.33	104.812	-0.00470	-0.00107	-0.00062
PB	-0.00040	9.00	171.440	0.00001	-0.00120	-0.00002
SB	-0.00616	3,806.33	28.567	-0.00699	-0.00414	-0.00735
SE	0.00698	9.67	65.214	0.00174	0.00927	0.00994
SN	0.00165	1,993.00	184.292	0.00041	0.00512	-0.00057
SR	0.00003	541.00	208.390	0.00011	0.00004	-0.00004
TI	-0.00055	38.67	167.557	-0.00003	-0.00001	-0.00162
V	0.00028	147.33	77.655	0.00016	0.00014	0.00053
Y	74160.66667	74,160.67	0.677	74725.00000	73762.00000	73995.00000
ZN	0.00201	74.33	8.467	0.00191	0.00191	0.00220

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LANCASTER LABORATORIES

Run Name: 0724405T65 Instrument ID: 08643

Tube: 24 TF 123 Date/Time: 09/02/2007 00:43

Sample Number: **5136499** Class: **** Batch: 072361848003

Initial Vol: 50.00 Final Vol: 50.00 DF: 1.00 Protocol Symbol: S

ELEMENT	AVERAGE CONC (ppm)	AVERAGE INTENSITY	%RSD	INTEGRATIONS #1	#2	#3
AG	-0.00021	144.33	115.118	-0.00035	-0.00035	0.00007
AL	14.37418	9,313.33	1.335	14.43344	14.52941	14.15969
AS	0.00710	2,295.33	36.679	0.00944	0.00429	0.00758
B	0.03011	7,422.33	5.079	0.03099	0.03100	0.02835
BA	0.07970	1,173.00	0.423	0.07938	0.08006	0.07967
CA	53.06618	12,713.67	0.513	52.76726	53.29975	53.13153
CD	-0.00042	7,172.67	39.582	-0.00041	-0.00060	-0.00026
CO	0.01003	204.33	6.406	0.01039	0.01040	0.00929
CR	0.01531	280.67	3.588	0.01543	0.01579	0.01471
CU	0.02525	1,773.00	3.393	0.02556	0.02591	0.02428
FE	25.51143	18,247.00	0.820	25.27079	25.65028	25.61322
MG	21.10907	19,953.00	0.566	20.97620	21.20758	21.14344
MN	0.67261	9,293.67	0.536	0.66850	0.67527	0.67404
MO	0.00797	115.67	22.684	0.00839	0.00599	0.00953
NA	78.18891	9,969.00	0.854	77.43228	78.69531	78.43914
NI	0.02183	470.33	6.313	0.02108	0.02342	0.02099
PB	0.01768	9.00	5.263	0.01750	0.01868	0.01685
SB	-0.00118	4,079.33	44.735	-0.00057	-0.00154	-0.00142
SE	-0.00070	10.00	270.292	0.00014	0.00063	-0.00285
SN	0.00595	2,130.00	28.672	0.00782	0.00446	0.00558
SR	0.15470	14,765.67	0.617	0.15361	0.15539	0.15510
TI	0.08205	92.33	2.234	0.07995	0.08334	0.08286
V	0.01478	196.33	3.194	0.01505	0.01505	0.01423
Y	74593.00000	74,593.00	0.281	74543.00000	74413.00000	74823.00000
ZN	0.07592	331.00	0.292	0.07599	0.07609	0.07567

8946

LANCASTER LABORATORIES

Run Name: 0724405T65 Instrument ID: 08643

Tube: 25 BCEB1 Date/Time: 09/02/2007 00:47

Sample Number: **5136500** Class: **** Batch: 072361848003

Initial Vol: 50.00 Final Vol: 50.00 DF: 1.00 Protocol Symbol: S

ELEMENT	AVERAGE CONC (ppm)	AVERAGE INTENSITY	%RSD	INTEGRATIONS #1	#2	#3
AG	0.00014	144.00	297.392	-0.00027	0.00014	0.00055
AL	-0.10154	266.00	1.472	-0.10022	-0.10123	-0.10316
AS	-0.00684	2,104.33	69.985	-0.01060	-0.00145	-0.00848
B	0.00083	3,569.33	13.764	0.00077	0.00075	0.00096
BA	-0.00003	105.33	135.450	-0.00006	-0.00005	0.00002
CA	-0.04293	110.33	3.971	-0.04106	-0.04334	-0.04439
CD	0.00024	5,958.00	149.499	0.00033	-0.00016	0.00055
CO	0.00001	183.33	336.995	-0.00016	0.00036	-0.00017
CR	-0.00001	220.00	262.050	-0.00001	-0.00033	0.00032
CU	-0.00027	1,281.67	112.193	-0.00054	0.00005	-0.00031
FE	-0.00716	876.00	103.154	0.00021	-0.01456	-0.00713
MG	-0.03939	460.33	3.235	-0.03866	-0.04086	-0.03864
MN	-0.00005	140.00	141.379	-0.00005	-0.00012	0.00002
MO	-0.00013	106.33	062.444	0.00064	-0.00170	0.00068
NA	0.41200	1,210.67	3.424	0.42463	0.41460	0.39678
NI	-0.00032	367.33	179.358	-0.00041	0.00029	-0.00085
PB	-0.00057	9.00	334.726	-0.00004	0.00103	-0.00271
SB	0.00081	3,853.67	191.262	0.00115	0.00215	-0.00088
SE	-0.00677	10.00	78.023	-0.00628	-0.00175	-0.01228
SN	0.00624	2,006.00	29.823	0.00422	0.00789	0.00660
SR	-0.00005	530.00	44.852	-0.00006	-0.00008	-0.00003
TI	-0.00002	39.00	32.564	-0.00002	-0.00001	-0.00002
V	0.00077	148.67	27.482	0.00052	0.00088	0.00090
Y	74164.00000	74,164.00	0.319	74392.00000	73920.00000	74180.00000
ZN	0.00041	70.00	73.487	0.00011	0.00070	0.00041

8947

LANCASTER LABORATORIES

Run Name: 0724405T65 Instrument ID: 08643

Tube: 26 DC--2 Date/Time: 09/02/2007 00:52

Sample Number: **5136502** Class: **** Batch: 072361848003

Initial Vol: 50.00 Final Vol: 50.00 DF: 1.00 Protocol Symbol: S

ELEMENT	AVERAGE CONC (ppm)	AVERAGE INTENSITY	%RSD	INTEGRATIONS #1	#2	#3
AG	-0.00003	144.67	799.575	0.00011	-0.00031	0.00011
AL	4.69266	3,280.67	0.549	4.70611	4.70891	4.66297
AS	-0.00078	2,197.33	47.299	-0.00113	-0.00039	-0.00083
B	0.00728	4,605.00	7.807	0.00735	0.00782	0.00668
BA	0.03291	550.00	0.429	0.03277	0.03292	0.03305
CA	44.79269	10,817.67	0.248	44.66784	44.82949	44.88072
CD	0.00099	6,556.67	4.960	0.00097	0.00095	0.00104
CO	0.00350	191.00	0.394	0.00352	0.00350	0.00349
CR	0.00596	249.00	5.531	0.00600	0.00628	0.00562
CU	0.01322	1,543.00	2.638	0.01361	0.01308	0.01295
FE	6.97312	5,720.33	0.759	6.92083	6.97183	7.02669
MG	14.36681	13,823.00	0.338	14.31076	14.39324	14.39644
MN	0.29526	4,178.67	0.490	0.29362	0.29579	0.29636
MO	0.00484	110.33	29.828	0.00574	0.00561	0.00317
NA	8.11083	2,106.00	1.014	8.05371	8.20514	8.07365
NI	0.00599	397.33	5.424	0.00573	0.00636	0.00590
PB	0.00354	9.00	50.891	0.00181	0.00540	0.00341
SB	-0.00072	3,952.67	220.542	-0.00218	0.00098	-0.00097
SE	-0.00001	10.00	865.604	0.00071	-0.00169	0.00094
SN	0.00573	2,061.67	12.880	0.00506	0.00562	0.00652
SR	0.11730	11,329.67	0.498	0.11663	0.11760	0.11767
TI	0.03230	61.67	10.182	0.03138	0.02957	0.03595
V	0.00615	168.67	3.614	0.00630	0.00589	0.00625
Y	74268.33333	74,268.33	0.392	73933.00000	74416.00000	74456.00000
ZN	0.03419	187.33	1.082	0.03395	0.03461	0.03399

6948

LANCASTER LABORATORIES

Run Name: 0724405T65 Instrument ID: 08643

Tube: 27 DB-8A Date/Time: 09/02/2007 00:56

Sample Number: **5136503** Class: **** Batch: 072361848003

Initial Vol: 50.00 Final Vol: 50.00 DF: 1.00 Protocol Symbol: S

ELEMENT	AVERAGE CONC (ppm)	AVERAGE INTENSITY	%RSD	INTEGRATIONS #1	#2	#3
AG	-0.00010	144.67	245.195	0.00004	0.00004	-0.00037
AL	2.42101	1,859.67	1.368	2.41055	2.45809	2.39439
AS	0.00165	2,221.00	117.319	0.00248	-0.00056	0.00304
B	0.01569	4,709.00	2.093	0.01588	0.01588	0.01532
BA	0.04095	660.67	1.040	0.04051	0.04135	0.04100
CA	83.53664	20,064.67	1.072	82.51246	84.17017	83.92728
CD	0.00113	6,522.33	22.178	0.00087	0.00113	0.00137
CO	0.00336	190.67	8.793	0.00352	0.00302	0.00354
CR	0.00352	246.67	6.029	0.00328	0.00366	0.00363
CU	0.01170	1,523.00	3.164	0.01158	0.01211	0.01140
FE	4.37009	3,971.67	1.500	4.29463	4.41309	4.40256
MG	21.23832	20,229.33	1.149	20.95900	21.41062	21.34534
MN	0.97630	13,515.67	1.109	0.96393	0.98406	0.98090
MO	0.00314	109.00	75.219	0.00545	0.00323	0.00073
NA	5.31667	1,821.00	0.914	5.26063	5.34222	5.34716
NI	0.00435	395.33	35.628	0.00333	0.00613	0.00359
PB	0.00245	9.00	70.467	0.00058	0.00398	0.00278
SB	-0.00328	3,895.67	15.474	-0.00306	-0.00386	-0.00292
SE	-0.00291	10.00	153.857	0.00041	-0.00114	-0.00800
SN	0.00034	2,051.67	255.931	-0.00066	0.00073	0.00094
SR	0.19551	18,549.67	1.212	0.19278	0.19710	0.19663
TI	0.01588	51.00	0.673	0.01576	0.01597	0.01589
V	0.00399	164.67	5.415	0.00374	0.00412	0.00410
Y	74380.66667	74,380.67	0.562	74821.00000	73989.00000	74332.00000
ZN	0.02555	161.33	1.821	0.02502	0.02588	0.02576

8949

LANCASTER LABORATORIES

Run Name: 0724405T65 Instrument ID: 08643

Tube: 28 OS - - 1 Date/Time: 09/02/2007 01:00

Sample Number: **5136504** Class: **** Batch: 072361848003

Initial Vol: 50.00 Final Vol: 50.00 DF: 1.00 Protocol Symbol: S

ELEMENT	AVERAGE CONC (ppm)	AVERAGE INTENSITY	%RSD	INTEGRATIONS #1	#2	#3
AG	-0.00014	146.33	171.759	-0.00028	-0.00028	0.00014
AL	0.39869	587.67	2.427	0.40532	0.40317	0.38759
AS	-0.00552	2,182.67	22.102	-0.00516	-0.00688	-0.00452
B	0.02092	4,566.33	2.848	0.02153	0.02090	0.02034
BA	0.02107	392.33	0.549	0.02096	0.02106	0.02119
CA	42.56146	10,342.33	0.421	42.37196	42.58431	42.72812
CD	-0.00028	6,161.33	94.789	-0.00007	-0.00057	-0.00018
CO	0.00020	185.67	153.288	0.00037	0.00037	-0.00015
CR	0.00054	233.67	35.891	0.00064	0.00065	0.00031
CU	0.00070	1,319.00	48.957	0.00064	0.00107	0.00040
FE	0.49828	1,296.67	0.554	0.49708	0.49633	0.50144
MG	13.16255	12,773.33	0.628	13.07443	13.17503	13.23820
MN	0.01854	398.00	0.715	0.01846	0.01847	0.01870
MO	0.00145	107.67	93.071	0.00064	0.00070	0.00300
NA	56.78381	7,613.33	0.626	56.50519	56.66241	57.18383
NI	-0.00183	372.00	44.453	-0.00161	-0.00274	-0.00116
PB	0.00030	9.00	669.846	-0.00166	0.00023	0.00232
SB	-0.00341	3,889.00	56.274	-0.00416	-0.00123	-0.00484
SE	0.00208	10.00	159.252	0.00051	0.00590	-0.00015
SN	0.00346	2,060.00	56.155	0.00274	0.00199	0.00566
SR	0.11030	10,744.67	0.603	0.10963	0.11032	0.11096
TI	0.00392	43.00	0.443	0.00391	0.00393	0.00390
V	0.00076	154.67	27.201	0.00088	0.00087	0.00052
Y	74424.33333	74,424.33	0.371	74458.00000	74133.00000	74682.00000
ZN	0.00497	88.67	3.504	0.00478	0.00510	0.00505

8958

LANCASTER LABORATORIES

Run Name: 0724405T65 Instrument ID: 08643

Tube: 29 OR--3 Date/Time: 09/02/2007 01:05

Sample Number: **5136509** Class: **** Batch: 072361848003

Initial Vol: 50.00 Final Vol: 50.00 DF: 1.00 Protocol Symbol: S

ELEMENT	AVERAGE CONC (ppm)	AVERAGE INTENSITY	%RSD	INTEGRATIONS #1	#2	#3
AG	-0.00028	146.00	148.270	-0.00028	-0.00070	0.00013
AL	0.06989	377.00	5.027	0.07381	0.06704	0.06881
AS	0.00256	2,181.33	41.254	0.00357	0.00264	0.00146
B	0.01146	4,144.00	2.397	0.01140	0.01175	0.01121
BA	0.01177	266.67	0.373	0.01176	0.01174	0.01182
CA	26.49942	6,467.33	0.398	26.40831	26.47481	26.61513
CD	0.00106	6,356.33	4.581	0.00109	0.00100	0.00109
CO	-0.00016	185.00	573.235	0.00037	0.00037	-0.00123
CR	0.00033	231.00	1.180	0.00032	0.00033	0.00033
CU	0.00250	1,341.67	14.449	0.00290	0.00239	0.00220
FE	0.61737	1,350.67	1.117	0.60993	0.61862	0.62356
MG	8.20512	8,122.67	0.346	8.17468	8.20983	8.23086
MN	0.03983	688.33	0.645	0.03959	0.03978	0.04010
MO	0.00313	109.00	37.330	0.00428	0.00315	0.00195
NA	31.28788	4,696.67	0.414	31.24318	31.18654	31.43391
NI	-0.00158	379.00	65.913	-0.00044	-0.00180	-0.00249
PB	-0.00102	9.00	286.990	-0.00438	0.00079	0.00054
SB	0.00050	3,866.67	564.044	0.00315	0.00081	-0.00246
SE	0.00065	10.00	281.515	-0.00063	0.00274	-0.00016
SN	-0.00107	2,035.33	128.039	-0.00183	-0.00188	0.00051
SR	0.16506	15,750.67	0.419	0.16442	0.16497	0.16580
TI	-0.00008	40.67	134.950	-0.00115	0.00045	0.00046
V	0.00114	153.67	19.215	0.00127	0.00088	0.00125
Y	74124.66667	74,124.67	0.286	74368.00000	74027.00000	73979.00000
ZN	0.01643	128.00	1.542	0.01667	0.01645	0.01616

8951

LANCASTER LABORATORIES

Run Name: 0724405T65 Instrument ID: 08643

Tube: 30 OR--2 Date/Time: 09/02/2007 01:09

Sample Number: **5136510** Class: **** Batch: 072361848003

Initial Vol: 50.00 Final Vol: 50.00 DF: 1.00 Protocol Symbol: S

ELEMENT	AVERAGE CONC (ppm)	AVERAGE INTENSITY	%RSD	INTEGRATIONS #1	#2	#3
AG	0.00067	147.33	35.175	0.00094	0.00053	0.00053
AL	-0.03631	311.67	9.737	-0.03357	-0.03506	-0.04030
AS	-0.00334	2,181.00	16.994	-0.00291	-0.00313	-0.00399
B	0.02278	4,684.67	2.286	0.02306	0.02310	0.02218
BA	0.04278	684.33	0.772	0.04240	0.04302	0.04291
CA	59.91044	14,430.33	0.759	59.38557	60.15965	60.18612
CD	0.00065	6,303.00	26.443	0.00085	0.00052	0.00059
CO	-0.00013	186.00	391.793	-0.00066	0.00039	-0.00014
CR	0.00087	239.67	56.690	0.00129	0.00099	0.00033
CU	0.00088	1,323.67	48.078	0.00099	0.00123	0.00041
FE	0.66199	1,451.00	2.504	0.64329	0.66778	0.67488
MG	24.92903	23,622.00	0.914	24.66962	25.02076	25.09671
MN	0.20369	2,931.00	0.808	0.20181	0.20439	0.20488
MO	0.00192	110.00	58.830	0.00302	0.00077	0.00195
NA	20.19147	3,486.33	0.719	20.03708	20.21232	20.32500
NI	0.00258	388.67	66.172	0.00444	0.00223	0.00108
PB	-0.00380	9.00	11.390	-0.00429	-0.00364	-0.00348
SB	-0.00250	3,915.67	91.580	-0.00358	-0.00404	0.00013
SE	0.00475	10.00	121.164	0.00763	0.00848	-0.00188
SN	0.00433	2,068.67	64.727	0.00111	0.00566	0.00621
SR	0.28415	26,658.33	0.999	0.28098	0.28500	0.28647
TI	-0.00008	41.33	136.716	-0.00063	-0.00061	0.00099
V	0.00050	157.00	2.643	0.00051	0.00049	0.00050
Y	74128.66667	74,128.67	0.557	74592.00000	73801.00000	73993.00000
ZN	0.01036	107.67	3.919	0.01069	0.00991	0.01048

8952

LANCASTER LABORATORIES

Run Name: 0724405T65 Instrument ID: 08643

Tube: 31 DC - - 1 Date/Time: 09/02/2007 01:14

Sample Number: **5136511** Class: **** Batch: 072361848003

Initial Vol: 50.00 Final Vol: 50.00 DF: 1.00 Protocol Symbol: S

ELEMENT	AVERAGE CONC (ppm)	AVERAGE INTENSITY	%RSD	INTEGRATIONS #1	#2	#3
AG	-0.00112	146.33	21.837	-0.00084	-0.00126	-0.00126
AL	25.64964	16,515.67	0.953	25.64240	25.89765	25.40889
AS	-0.00248	2,401.00	145.380	-0.00036	-0.00043	-0.00664
B	0.06298	10,454.67	3.279	0.06447	0.06383	0.06062
BA	0.15425	2,192.33	0.920	0.15261	0.15514	0.15499
CA	113.72733	27,238.33	0.684	112.87689	114.40230	113.90280
CD	0.00024	8,269.67	138.127	0.00057	0.00024	-0.00009
CO	0.00775	209.33	4.304	0.00753	0.00813	0.00758
CR	0.01094	285.33	5.981	0.01142	0.01122	0.01019
CU	0.02071	1,723.33	2.718	0.02080	0.02121	0.02010
FE	39.64679	28,076.33	0.963	39.20848	39.90815	39.82374
MG	39.39654	37,112.67	0.942	38.96849	39.62814	39.59298
MN	1.52854	21,134.00	0.806	1.51450	1.53757	1.53357
MO	0.00509	122.33	11.867	0.00578	0.00477	0.00471
NA	17.71969	3,266.67	0.543	17.60856	17.77184	17.77866
NI	0.01825	476.00	3.341	0.01791	0.01789	0.01895
PB	0.04399	9.00	7.029	0.04583	0.04573	0.04042
SB	-0.00303	4,369.00	92.754	-0.00196	-0.00091	-0.00622
SE	-0.00004	11.00	309.169	0.00365	-0.00057	-0.00321
SN	0.01307	2,298.67	18.068	0.01401	0.01481	0.01038
SR	0.27544	25,948.67	0.991	0.27229	0.27689	0.27714
TI	0.14728	137.00	0.520	0.14644	0.14794	0.14745
V	0.01765	213.00	0.409	0.01758	0.01772	0.01766
Y	75894.00000	75,894.00	0.494	76304.00000	75568.00000	75810.00000
ZN	0.10167	427.33	0.638	0.10102	0.10232	0.10167

8953

LANCASTER LABORATORIES

Run Name: 0724405T65 Instrument ID: 08643

Tube: 32 ZZZZZZ Date/Time: 09/02/2007 01:18

Sample Number: **5133690** Class: **** Batch: 072361848003

Initial Vol: 50.00 Final Vol: 50.00 DF: 1.00 Protocol Symbol: S

ELEMENT	AVERAGE CONC (ppm)	AVERAGE INTENSITY	%RSD	INTEGRATIONS #1	#2	#3
AG	-0.00048	144.67	50.133	-0.00034	-0.00034	-0.00075
AL	-0.10372	287.33	3.353	-0.10093	-0.10261	-0.10762
AS	-0.00399	2,165.67	24.815	-0.00514	-0.00342	-0.00342
B	0.07869	7,239.33	1.677	0.07908	0.07978	0.07722
BA	0.06840	1,022.33	0.415	0.06808	0.06848	0.06863
CA	30.83750	7,469.33	0.462	30.68373	30.96482	30.86396
CD	-0.00005	6,115.67	095.422	-0.00064	0.00016	0.00033
CO	0.00538	195.33	5.800	0.00574	0.00521	0.00520
CR	0.00024	226.67	80.014	0.00035	0.00035	0.00002
CU	0.00019	1,298.33	135.319	0.00047	0.00013	-0.00003
FE	2.35452	2,527.33	0.626	2.33775	2.36543	2.36039
MG	7.00124	6,984.00	0.514	6.95966	7.02232	7.02175
MN	0.61378	8,498.67	0.517	0.61013	0.61586	0.61536
MO	0.00282	108.67	25.768	0.00325	0.00324	0.00198
NA	46.16170	6,342.00	0.544	45.87287	46.28210	46.33013
NI	0.00667	405.00	19.284	0.00783	0.00690	0.00529
PB	-0.00143	9.00	80.023	-0.00184	-0.00014	-0.00232
SB	-0.00185	3,855.00	107.726	-0.00397	0.00000	-0.00158
SE	0.00743	10.00	71.878	0.00266	0.00644	0.01320
SN	0.00464	2,040.67	96.297	0.00876	-0.00010	0.00525
SR	0.17889	16,946.00	0.589	0.17768	0.17939	0.17961
TI	0.00055	40.00	0.497	0.00055	0.00056	0.00055
V	0.00006	151.00	3.780	0.00006	0.00006	0.00005
Y	73842.66667	73,842.67	0.149	73753.00000	73810.00000	73965.00000
ZN	0.00739	97.33	2.353	0.00729	0.00759	0.00728

6954

LANCASTER LABORATORIES

Run Name: 0724405T65 Instrument ID: 08643

Tube: 33 ZZZZZZ Date/Time: 09/02/2007 01:22

Sample Number: **5133698** Class: **** Batch: 072361848003

Initial Vol: 50.00 Final Vol: 50.00 DF: 1.00 Protocol Symbol: S

ELEMENT	AVERAGE CONC (ppm)	AVERAGE INTENSITY	%RSD	INTEGRATIONS #1	#2	#3
AG	0.00020	146.00	0.704	0.00020	0.00020	0.00020
AL	-0.10265	267.67	2.468	-0.10064	-0.10181	-0.10550
AS	-0.00290	2,183.67	49.562	-0.00168	-0.00448	-0.00254
B	0.20407	13,246.33	1.744	0.20479	0.20721	0.20020
BA	0.07927	1,162.67	0.446	0.07886	0.07949	0.07946
CA	71.21224	16,930.00	0.374	70.91374	71.42489	71.29808
CD	0.00027	6,340.33	33.121	0.00037	0.00021	0.00023
CO	0.00041	185.00	0.363	0.00041	0.00041	0.00041
CR	0.00107	232.00	30.731	0.00140	0.00108	0.00074
CU	0.00055	1,303.67	55.597	0.00069	0.00077	0.00020
FE	7.86891	6,258.67	0.692	7.80602	7.89895	7.90177
MG	8.47350	8,306.00	0.510	8.42471	8.48871	8.50709
MN	3.59757	48,823.67	0.473	3.57802	3.60899	3.60571
MO	0.00584	111.00	0.986	0.00581	0.00591	0.00581
NA	105.57415	13,049.33	0.427	105.05409	105.84722	105.82113
NI	-0.00019	373.00	367.665	0.00050	-0.00018	-0.00088
PB	0.00002	9.00	067.168	-0.00073	0.00157	-0.00078
SB	-0.00408	3,862.33	38.392	-0.00576	-0.00265	-0.00384
SE	-0.00111	9.67	385.585	-0.00546	0.00309	-0.00096
SN	0.00134	2,031.67	133.508	-0.00026	0.00101	0.00326
SR	0.35397	32,904.33	0.592	0.35157	0.35489	0.35545
TI	-0.00026	41.00	1.964	-0.00026	-0.00025	-0.00026
V	0.00010	152.67	218.815	0.00023	0.00022	-0.00015
Y	73615.66667	73,615.67	0.286	73734.00000	73373.00000	73740.00000
ZN	0.00394	87.67	8.680	0.00374	0.00375	0.00434

8955

LANCASTER LABORATORIES

Run Name: 0724405T65

Tube: 34

Sample Number: **CCV**

Instrument ID: 08643

Date/Time: 09/02/2007 01:26

ELEMENT	AVERAGE CONC (ppm)	AVERAGE INTENSITY	%RSD	INTEGRATIONS #1	#2	#3
AG	0.48106	1,263.00	0.191	0.48065	0.48041	0.48211
AL	24.00585	14,844.33	0.844	24.23514	23.93137	23.85104
AS	0.44768	6,247.00	0.285	0.44710	0.44915	0.44680
B	0.47794	25,971.33	0.774	0.48221	0.47595	0.47566
BA	0.48158	6,329.33	0.055	0.48128	0.48175	0.48172
CA	23.98616	5,639.00	0.128	23.95077	24.00638	24.00132
CD	0.48322	114,870.00	0.369	0.48180	0.48523	0.48264
CO	0.48241	1,064.00	1.020	0.48809	0.47946	0.47969
CR	0.50166	1,709.00	0.727	0.50586	0.49985	0.49928
CU	0.49812	10,318.00	1.126	0.50435	0.49655	0.49346
FE	24.22505	16,864.33	0.201	24.16876	24.25241	24.25396
MG	23.97124	21,860.33	0.131	23.93519	23.99329	23.98524
MN	0.48404	6,518.67	0.133	0.48338	0.48466	0.48409
MO	0.56834	566.33	2.967	0.54939	0.57397	0.58167
NA	23.90841	3,785.67	0.473	23.78444	24.00575	23.93504
NI	0.47910	2,459.00	0.402	0.47691	0.48052	0.47988
PB	0.48788	10.00	0.629	0.48470	0.49083	0.48813
SB	0.48810	11,088.33	0.488	0.49054	0.48578	0.48798
SE	0.43893	12.00	1.954	0.44860	0.43224	0.43595
SN	0.48811	4,743.67	0.588	0.48483	0.49018	0.48931
SR	0.48670	43,828.00	0.308	0.48497	0.48746	0.48766
TI	0.49996	344.00	0.501	0.49748	0.50248	0.49991
V	0.49730	1,438.33	0.370	0.49539	0.49906	0.49743
Y	72176.33333	72,176.33	0.987	71357.00000	72522.00000	72650.00000
ZN	0.47717	1,627.00	0.565	0.47406	0.47854	0.47890

8956

LANCASTER LABORATORIES

Run Name: 0724405T65

Tube: 35

Sample Number: **CCB**

Instrument ID: 08643

Date/Time: 09/02/2007 01:31

ELEMENT	AVERAGE CONC (ppm)	AVERAGE INTENSITY	%RSD	INTEGRATIONS #1	#2	#3
AG	0.00014	145.00	0.025	0.00014	0.00014	0.00014
AL	-0.09386	271.33	2.046	-0.09188	-0.09398	-0.09572
AS	-0.00535	2,118.33	83.360	-0.00452	-0.01016	-0.00136
B	0.00090	3,586.33	31.112	0.00087	0.00119	0.00064
BA	-0.00001	106.67	312.232	0.00001	0.00001	-0.00006
CA	-0.02748	114.67	33.576	-0.01991	-0.02476	-0.03776
CD	0.00011	5,997.67	297.377	-0.00016	0.00002	0.00047
CO	0.00002	183.33	908.773	0.00037	-0.00016	-0.00016
CR	0.00031	222.00	184.428	-0.00002	0.00096	-0.00002
CU	-0.00014	1,285.33	168.359	-0.00001	0.00001	-0.00040
FE	0.00458	887.00	138.356	0.00891	-0.00269	0.00750
MG	-0.02950	472.33	4.216	-0.02887	-0.02870	-0.03093
MN	0.00063	149.33	51.708	0.00096	0.00061	0.00031
MO	0.00055	107.00	204.748	0.00165	0.00062	-0.00061
NA	0.48874	1,208.00	11.636	0.53432	0.50689	0.42502
NI	-0.00177	362.00	57.879	-0.00066	-0.00199	-0.00267
PB	0.00082	9.00	227.205	-0.00124	0.00235	0.00134
SB	-0.00370	3,820.67	44.205	-0.00430	-0.00185	-0.00496
SE	0.00446	9.33	133.583	0.00307	0.01100	-0.00068
SN	0.00406	2,007.00	43.598	0.00209	0.00550	0.00459
SR	0.00006	543.33	62.406	0.00010	0.00004	0.00003
TI	-0.00055	38.67	165.554	-0.00162	-0.00002	-0.00003
V	0.00041	148.67	49.493	0.00017	0.00053	0.00052
Y	74801.66667	74,801.67	0.584	75302.00000	74495.00000	74608.00000
ZN	0.00179	73.67	9.246	0.00188	0.00160	0.00190

8957

LANCASTER LABORATORIES

Run Name: 0724405T65 ZZZZZZ Instrument ID: 08643

Tube: 36 Date/Time: 09/02/2007 01:35

Sample Number: **5133699** Class: **** Batch: 072361848003

Initial Vol: 50.00 Final Vol: 50.00 DF: 1.00 Protocol Symbol: S

ELEMENT	AVERAGE CONC (ppm)	AVERAGE INTENSITY	%RSD	INTEGRATIONS #1	#2	#3
AG	-0.00025	145.33	99.706	-0.00039	0.00004	-0.00039
AL	-0.10438	265.00	1.725	-0.10396	-0.10283	-0.10636
AS	-0.00749	2,156.00	12.856	-0.00817	-0.00792	-0.00639
B	0.08960	7,405.33	1.376	0.08986	0.09068	0.08825
BA	0.22808	3,109.67	0.595	0.22674	0.22803	0.22946
CA	111.18948	25,993.00	0.756	110.33764	111.21139	112.01941
CD	0.00035	6,072.33	53.692	0.00039	0.00051	0.00014
CO	0.00180	187.33	17.189	0.00162	0.00162	0.00216
CR	0.00024	231.67	293.364	0.00002	0.00102	-0.00032
CU	0.00199	1,328.67	3.797	0.00203	0.00203	0.00190
FE	0.02722	966.33	33.259	0.02534	0.01926	0.03707
MG	13.89776	13,125.67	0.782	13.78609	13.90393	14.00327
MN	1.01195	13,681.33	0.787	1.00364	1.01267	1.01953
MO	0.00722	110.00	16.773	0.00732	0.00596	0.00838
NA	404.02287	48,734.67	0.679	401.33411	403.91385	406.82064
NI	0.00105	377.33	99.088	0.00006	0.00213	0.00096
PB	-0.00046	9.00	665.245	-0.00396	0.00066	0.00191
SB	-0.00589	3,796.33	23.082	-0.00731	-0.00460	-0.00577
SE	0.00944	9.67	20.311	0.00988	0.00734	0.01110
SN	0.00090	2,006.67	279.845	-0.00038	-0.00072	0.00379
SR	0.74176	67,786.33	0.863	0.73502	0.74249	0.74776
TI	-0.00060	41.33	161.191	-0.00116	-0.00114	0.00051
V	0.00066	152.33	68.208	0.00014	0.00091	0.00092
Y	72520.33333	72,520.33	0.428	72181.00000	72591.00000	72789.00000
ZN	0.00052	77.00	4.605	0.00055	0.00051	0.00050

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LANCASTER LABORATORIES

Run Name: 0724405T65 Instrument ID: 08643

Tube: 37 ZZZZZZ Date/Time: 09/02/2007 01:39

Sample Number: **5133700** Class: **** Batch: 072361848003

Initial Vol: 50.00 Final Vol: 50.00 DF: 1.00 Protocol Symbol: S

ELEMENT	AVERAGE CONC (ppm)	AVERAGE INTENSITY	%RSD	INTEGRATIONS #1	#2	#3
AG	0.00009	143.00	473.626	0.00051	0.00009	-0.00033
AL	-0.10996	261.33	2.953	-0.10749	-0.10876	-0.11364
AS	0.00240	2,173.67	45.955	0.00113	0.00309	0.00298
B	0.08629	7,730.00	1.863	0.08707	0.08736	0.08444
BA	0.06724	1,004.33	0.459	0.06689	0.06746	0.06736
CA	50.35794	12,072.33	0.321	50.18198	50.50031	50.39154
CD	-0.00016	6,133.00	108.892	-0.00006	-0.00005	-0.00035
CO	-0.00030	182.67	269.349	-0.00012	0.00041	-0.00119
CR	-0.00018	223.33	284.733	-0.00029	0.00037	-0.00062
CU	0.00071	1,292.33	38.585	0.00100	0.00068	0.00045
FE	4.34700	3,858.33	0.887	4.30277	4.37356	4.36466
MG	5.22448	5,321.00	0.616	5.18734	5.24236	5.24374
MN	0.49931	6,923.00	0.407	0.49698	0.50072	0.50024
MO	0.00614	110.33	11.825	0.00568	0.00576	0.00698
NA	74.00419	9,466.67	0.658	73.46876	74.42074	74.12307
NI	-0.00018	375.00	252.997	0.00027	-0.00018	-0.00064
PB	0.00149	9.00	37.172	0.00187	0.00085	0.00174
SB	0.00196	3,846.00	151.020	0.00256	-0.00126	0.00458
SE	0.00141	9.67	346.596	0.00011	0.00683	-0.00271
SN	0.00317	2,018.00	25.482	0.00281	0.00261	0.00410
SR	0.28684	27,009.67	0.738	0.28440	0.28806	0.28807
TI	-0.00119	39.67	78.425	-0.00065	-0.00065	-0.00226
V	-0.00013	148.67	167.704	0.00000	-0.00039	0.00000
Y	73736.33333	73,736.33	0.221	73924.00000	73629.00000	73656.00000
ZN	0.00363	85.00	0.197	0.00362	0.00363	0.00363

8959

LANCASTER LABORATORIES

Run Name: 0724405T65 Instrument ID: 08643

Tube: 38 ZZZZZZ Date/Time: 09/02/2007 01:44

Sample Number: **5133701** Class: **** Batch: 072361848003

Initial Vol: 50.00 Final Vol: 50.00 DF: 1.00 Protocol Symbol: S

ELEMENT	AVERAGE CONC (ppm)	AVERAGE INTENSITY	%RSD	INTEGRATIONS #1	#2	#3
AG	-0.00097	141.67	25.013	-0.00084	-0.00083	-0.00125
AL	-0.10671	260.67	1.035	-0.10574	-0.10648	-0.10792
AS	0.00274	2,173.00	141.106	0.00497	0.00500	-0.00173
B	0.10505	8,472.67	1.218	0.10616	0.10534	0.10365
BA	0.05374	814.00	0.345	0.05379	0.05354	0.05390
CA	51.73771	12,236.00	0.146	51.81427	51.66319	51.73568
CD	0.00000	6,105.00	621.705	0.00010	0.00014	-0.00024
CO	0.00219	185.33	28.518	0.00256	0.00255	0.00147
CR	-0.00050	222.33	39.153	-0.00027	-0.00061	-0.00061
CU	0.00085	1,284.33	59.109	0.00129	0.00094	0.00030
FE	4.52906	3,937.33	0.438	4.52275	4.51316	4.55127
MG	5.89975	5,868.00	0.268	5.91253	5.88210	5.90463
MN	1.23884	16,745.33	0.205	1.23940	1.23607	1.24106
MO	0.01054	110.67	7.556	0.01107	0.00962	0.01092
NA	60.87237	7,887.00	0.083	60.81415	60.89659	60.90637
NI	0.00155	368.33	37.172	0.00150	0.00216	0.00101
PB	0.00136	9.33	127.759	0.00133	0.00310	-0.00036
SB	-0.00520	3,743.33	22.658	-0.00390	-0.00620	-0.00551
SE	0.00529	9.00	60.236	0.00842	0.00541	0.00205
SN	-0.00007	2,000.00	794.287	0.00046	-0.00285	0.00218
SR	0.26121	24,341.33	0.175	0.26114	0.26079	0.26169
TI	-0.00063	40.00	0.213	-0.00063	-0.00063	-0.00063
V	0.00025	148.67	91.770	-0.00001	0.00037	0.00038
Y	72765.00000	72,765.00	0.443	72407.00000	73032.00000	72856.00000
ZN	0.00191	78.33	9.813	0.00213	0.00180	0.00181

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LANCASTER LABORATORIES

Run Name: 0724405T65 Instrument ID: 08643

Tube: 39 ZZZZZZ Date/Time: 09/02/2007 01:48

Sample Number: **5133702** Class: **** Batch: 072361848003

Initial Vol: 50.00 Final Vol: 50.00 DF: 1.00 Protocol Symbol: S

ELEMENT	AVERAGE CONC (ppm)	AVERAGE INTENSITY	%RSD	INTEGRATIONS #1	#2	#3
AG	-0.00029	141.00	0.349	-0.00029	-0.00029	-0.00029
AL	-0.09652	265.33	6.680	-0.09567	-0.09054	-0.10335
AS	-0.00095	2,094.33	265.917	0.00160	-0.00098	-0.00348
B	0.04539	5,464.67	1.803	0.04557	0.04611	0.04450
BA	0.05004	767.67	0.575	0.04971	0.05015	0.05025
CA	24.65336	5,949.00	0.477	24.51892	24.73744	24.70371
CD	0.00079	6,020.00	23.680	0.00061	0.00077	0.00098
CO	-0.00050	180.33	124.857	-0.00014	-0.00014	-0.00122
CR	-0.00077	219.67	49.802	-0.00099	-0.00033	-0.00099
CU	0.00094	1,280.67	37.818	0.00111	0.00118	0.00053
FE	0.00898	899.00	75.293	0.00747	0.01636	0.00310
MG	6.59115	6,533.00	0.726	6.53653	6.61104	6.62589
MN	0.05168	837.33	0.901	0.05115	0.05204	0.05184
MO	0.00252	106.33	55.073	0.00330	0.00335	0.00092
NA	23.56108	3,764.67	0.109	23.53510	23.56160	23.58655
NI	0.00236	378.00	35.608	0.00166	0.00213	0.00330
PB	-0.00297	9.00	78.442	-0.00187	-0.00139	-0.00565
SB	-0.00083	3,754.67	130.927	0.00001	-0.00205	-0.00044
SE	-0.00603	9.00	77.477	-0.00876	-0.00871	-0.00064
SN	0.00449	1,988.67	93.124	0.00809	-0.00010	0.00548
SR	0.15796	15,088.00	0.777	0.15655	0.15850	0.15883
TI	-0.00117	39.00	0.163	-0.00118	-0.00117	-0.00117
V	0.00052	147.00	1.924	0.00052	0.00052	0.00050
Y	73135.00000	73,135.00	0.230	73313.00000	73114.00000	72978.00000
ZN	0.00688	91.67	2.537	0.00697	0.00668	0.00699

8961

LANCASTER LABORATORIES

Run Name: 0724405T65 ZZZZZZ
Tube: 40

Instrument ID: 08643
Date/Time: 09/02/2007 01:53

Sample Number: **5135087** Class: **** Batch: 072361848003

Initial Vol: 10.00 Final Vol: 50.00 DF: 1.00 Protocol Symbol: S

ELEMENT	AVERAGE CONC (ppm)	AVERAGE INTENSITY	%RSD	INTEGRATIONS #1	#2	#3
AG	-0.00282	170.00	17.805	-0.00335	-0.00279	-0.00234
AL	447.63043	254,991.33	2.353	459.06394	445.50390	438.32346
AS	0.11378	5,194.67	5.152	0.12053	0.11076	0.11005
B	-0.13920	73,333.00	12.391	-0.14417	-0.12001	-0.15341
BA	3.61159	44,572.33	1.967	3.69354	3.56766	3.57359
CA	169.72062	36,836.33	1.916	173.46424	167.58851	168.10912
CD	-0.00855	39,014.00	17.446	-0.01022	-0.00737	-0.00805
CO	0.58502	1,311.00	2.600	0.60017	0.58516	0.56975
CR	2.34609	6,951.00	2.228	2.40095	2.34046	2.29686
CU	0.86907	16,814.33	2.700	0.89374	0.86643	0.84704
FE	828.69173	443,447.00	2.120	848.91784	817.26549	819.89188
MG	329.99019	286,221.00	1.819	336.90493	326.09883	326.96681
MN	18.47309	231,785.67	1.930	18.88430	18.25028	18.28468
MO	0.01590	285.33	14.180	0.01341	0.01780	0.01650
NA	13.13167	3,611.67	1.682	13.36101	12.92038	13.11364
NI	4.30564	18,419.33	1.811	4.39563	4.25803	4.26327
PB	0.13200	10.00	1.756	0.13045	0.13467	0.13089
SB	-0.00331	10,986.33	37.313	-0.00259	-0.00473	-0.00260
SE	-0.03307	12.00	23.135	-0.03492	-0.02466	-0.03962
SN	0.03124	4,899.00	15.401	0.02815	0.02879	0.03678
SR	0.63325	54,598.33	1.962	0.64755	0.62512	0.62708
TI	14.46683	8,416.33	1.843	14.77466	14.30640	14.31941
V	1.37544	3,704.67	1.784	1.40368	1.35929	1.36336
Y	96541.33333	96,541.33	1.183	95223.00000	97174.00000	97227.00000
ZN	1.26239	4,181.33	1.982	1.29123	1.24646	1.24947

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LANCASTER LABORATORIES

Run Name: 0724405T65 ZZZZZZ

Instrument ID: 08643

Tube: 41

Date/Time: 09/02/2007 01:57

Sample Number: **5134745** Class: **** Batch: 072361848003

Initial Vol: 50.00 Final Vol: 50.00 DF: 1.00 Protocol Symbol: S

ELEMENT	AVERAGE CONC (ppm)	AVERAGE INTENSITY	%RSD	INTEGRATIONS #1	#2	#3
AG	0.00028	141.33	87.939	0.00014	0.00014	0.00056
AL	0.00908	330.67	72.579	0.01578	0.00885	0.00261
AS	0.00002	2,110.67	909.288	0.00135	-0.00080	-0.00050
B	0.03088	4,957.00	1.615	0.03113	0.03120	0.03031
BA	0.04029	638.33	0.171	0.04034	0.04021	0.04031
CA	73.72756	17,382.67	0.296	73.48033	73.80800	73.89435
CD	-0.00015	5,878.33	135.911	-0.00035	-0.00013	0.00005
CO	0.00074	181.67	84.181	0.00038	0.00147	0.00038
CR	0.00069	219.00	0.886	0.00069	0.00070	0.00069
CU	0.00247	1,313.33	12.973	0.00273	0.00258	0.00211
FE	1.68351	2,017.33	1.898	1.72035	1.66326	1.66693
MG	3.92142	4,067.67	0.105	3.92612	3.91962	3.91853
MN	0.02331	451.67	2.998	0.02412	0.02291	0.02290
MO	0.00305	104.67	24.629	0.00343	0.00354	0.00219
NA	15.02841	2,821.67	0.140	15.05253	15.01930	15.01341
NI	-0.00076	368.33	213.022	0.00078	-0.00060	-0.00247
PB	0.00047	9.00	533.033	-0.00240	0.00149	0.00233
SB	-0.00353	3,789.67	32.152	-0.00309	-0.00482	-0.00268
SE	-0.00546	9.33	110.888	-0.00866	0.00152	-0.00922
SN	0.00749	1,981.00	19.751	0.00917	0.00693	0.00637
SR	0.16883	16,005.67	0.351	0.16818	0.16896	0.16934
TI	0.00037	40.33	252.496	0.00145	-0.00017	-0.00017
V	0.00045	147.00	0.397	0.00045	0.00044	0.00044
Y	72779.33333	72,779.33	0.369	72906.00000	72471.00000	72961.00000
ZN	0.00734	95.67	2.594	0.00742	0.00748	0.00712

8963

LANCASTER LABORATORIES

Run Name: 0724405T65 Instrument ID: 08643

Tube: 42 ZZZZZZ Date/Time: 09/02/2007 02:01

Sample Number: **5134747** Class: **** Batch: 072361848003

Initial Vol: 50.00 Final Vol: 50.00 DF: 1.00 Protocol Symbol: S

ELEMENT	AVERAGE CONC (ppm)	AVERAGE INTENSITY	%RSD	INTEGRATIONS #1	#2	#3
AG	0.00014	142.00	0.012	0.00014	0.00014	0.00014
AL	-0.02886	309.00	13.800	-0.02522	-0.02823	-0.03312
AS	-0.00010	2,130.00	788.215	0.00106	0.00089	-0.00226
B	0.03082	4,918.00	2.804	0.03135	0.03128	0.02982
BA	0.03899	623.33	1.095	0.03852	0.03911	0.03934
CA	74.76805	17,725.67	1.043	73.87873	75.08949	75.33592
CD	-0.00019	5,918.00	14.915	-0.00021	-0.00019	-0.00016
CO	0.00039	182.00	138.824	0.00039	0.00093	-0.00015
CR	-0.00010	219.67	381.953	0.00034	-0.00032	-0.00032
CU	0.00058	1,284.00	71.372	0.00033	0.00106	0.00035
FE	0.93744	1,523.00	1.039	0.92750	0.93788	0.94696
MG	3.98282	4,143.67	0.908	3.94279	3.99255	4.01313
MN	0.01736	373.67	0.297	0.01740	0.01730	0.01738
MO	0.00131	105.33	58.417	0.00079	0.00095	0.00219
NA	15.17861	2,857.00	0.978	15.04115	15.15877	15.33591
NI	-0.00201	365.00	45.741	-0.00109	-0.00200	-0.00293
PB	-0.00124	9.00	135.761	-0.00033	-0.00319	-0.00021
SB	-0.00242	3,761.33	103.989	-0.00103	-0.00534	-0.00091
SE	-0.00873	9.00	19.959	-0.01055	-0.00858	-0.00707
SN	0.00174	1,981.00	80.770	0.00160	0.00041	0.00322
SR	0.17164	16,322.00	1.096	0.16951	0.17232	0.17308
TI	-0.00177	40.00	0.294	-0.00178	-0.00177	-0.00177
V	0.00009	147.00	9.171	0.00010	0.00008	0.00009
Y	73167.66667	73,167.67	0.643	73711.00000	72898.00000	72894.00000
ZN	0.00408	85.00	0.568	0.00406	0.00410	0.00410

8964

LANCASTER LABORATORIES

Run Name: 0724405T65

Tube: 43

Sample Number: **LLC**

Instrument ID: 08643

Date/Time: 09/02/2007 02:06

ELEMENT	AVERAGE CONC (ppm)	AVERAGE INTENSITY	%RSD	INTEGRATIONS #1	#2	#3
AG	0.00500	154.67	5.090	0.00518	0.00471	0.00511
AL	0.09638	388.67	9.627	0.10581	0.09609	0.08726
AS	0.01117	2,284.00	17.410	0.00925	0.01114	0.01314
B	0.05329	5,838.67	1.858	0.05410	0.05359	0.05219
BA	0.00499	171.00	0.848	0.00504	0.00498	0.00496
CA	0.18423	163.67	9.105	0.20275	0.17990	0.17005
CD	0.00525	7,061.00	7.599	0.00482	0.00533	0.00560
CO	0.00549	190.67	5.829	0.00571	0.00513	0.00564
CR	0.01612	264.00	2.782	0.01560	0.01640	0.01636
CU	0.00973	1,456.67	4.623	0.01010	0.00986	0.00923
FE	0.22572	1,019.67	3.720	0.23541	0.22120	0.22055
MG	0.07004	561.00	9.424	0.07549	0.07193	0.06270
MN	0.00564	215.00	5.986	0.00599	0.00563	0.00532
MO	0.01459	114.33	12.249	0.01442	0.01289	0.01645
NA	1.26019	1,293.67	1.520	1.24145	1.27974	1.25937
NI	0.01068	408.33	4.397	0.01048	0.01034	0.01121
PB	0.01718	9.00	11.135	0.01498	0.01848	0.01808
SB	0.01682	4,064.33	19.829	0.01342	0.01695	0.02009
SE	0.02247	10.00	23.406	0.01646	0.02470	0.02625
SN	0.02904	2,093.67	6.518	0.02762	0.02831	0.03119
SR	0.00483	979.33	1.011	0.00488	0.00481	0.00479
TI	0.00965	45.00	0.869	0.00975	0.00962	0.00959
V	0.00537	160.67	3.614	0.00514	0.00547	0.00548
Y	73701.00000	73,701.00	0.725	73095.00000	73902.00000	74106.00000
ZN	0.01941	132.33	0.680	0.01946	0.01925	0.01950

8965

LANCASTER LABORATORIES

Run Name: 0724405T65

Tube: 44

Sample Number: **ICSA**

Instrument ID: 08643

Date/Time: 09/02/2007 02:10

ELEMENT	AVERAGE CONC (ppm)	AVERAGE INTENSITY	%RSD	INTEGRATIONS #1	#2	#3
AG	-0.00047	148.67	54.830	-0.00077	-0.00033	-0.00032
AL	490.14401	274,731.67	1.014	486.35594	495.76949	488.30659
AS	-0.00003	4,220.67	154.365	-0.00025	-0.00380	0.00394
B	-0.01343	21,379.00	20.268	-0.01260	-0.01122	-0.01647
BA	-0.00045	121.00	18.978	-0.00037	-0.00044	-0.00054
CA	494.63535	103,118.33	0.765	490.27164	496.95703	496.67738
CD	0.00303	16,905.33	31.140	0.00287	0.00218	0.00405
CO	0.00108	206.67	31.340	0.00128	0.00069	0.00128
CR	-0.00042	307.00	147.075	0.00029	-0.00079	-0.00077
CU	0.00075	1,421.67	32.997	0.00075	0.00100	0.00051
FE	202.42452	120,848.00	0.884	200.36595	203.61360	203.29401
MG	502.71783	438,165.33	0.683	498.77292	505.01553	504.36503
MN	0.00078	335.67	24.714	0.00096	0.00058	0.00081
MO	0.01147	269.33	11.772	0.01212	0.00992	0.01238
NA	0.89337	1,663.67	4.375	0.91360	0.84833	0.91820
NI	0.00564	449.00	15.764	0.00606	0.00625	0.00462
PB	-0.00989	9.00	58.467	-0.00884	-0.00471	-0.01613
SB	-0.00833	10,620.00	96.373	-0.00498	-0.01749	-0.00252
SE	-0.00696	10.00	124.244	-0.00356	-0.00053	-0.01678
SN	0.00052	4,260.00	615.514	0.00424	-0.00136	-0.00131
SR	0.00342	906.00	0.366	0.00341	0.00342	0.00344
TI	-0.00343	53.67	29.252	-0.00459	-0.00289	-0.00282
V	-0.00529	205.33	4.230	-0.00535	-0.00548	-0.00504
Y	74953.33333	74,953.33	0.875	75596.00000	74285.00000	74979.00000
ZN	0.01660	201.00	3.083	0.01644	0.01619	0.01717

8966

LANCASTER LABORATORIES

Run Name: 0724405T65

Tube: 45

Sample Number: **ICSAB**

Instrument ID: 08643

Date/Time: 09/02/2007 02:14

ELEMENT	AVERAGE CONC (ppm)	AVERAGE INTENSITY	%RSD	INTEGRATIONS #1	#2	#3
AG	0.21478	621.33	0.747	0.21324	0.21644	0.21465
AL	490.53930	276,091.00	0.345	491.08195	491.89206	488.64390
AS	0.10577	5,132.67	2.016	0.10331	0.10691	0.10709
B	-0.01681	21,500.00	21.750	-0.01292	-0.01732	-0.02018
BA	0.51378	6,381.67	0.547	0.51062	0.51600	0.51473
CA	500.84574	104,780.67	0.502	498.40619	503.42774	500.70328
CD	0.98676	224,123.00	0.916	0.97812	0.99615	0.98602
CO	0.49992	1,065.00	0.820	0.50234	0.50224	0.49519
CR	0.50675	1,719.67	0.497	0.50719	0.50903	0.50404
CU	0.54949	10,817.67	0.481	0.54997	0.55186	0.54664
FE	204.50556	122,545.00	0.701	202.93521	205.74146	204.84001
MG	507.70089	444,542.00	0.514	504.78955	509.82551	508.48761
MN	0.50394	6,569.00	0.567	0.50073	0.50618	0.50493
MO	0.01227	270.00	29.286	0.00819	0.01496	0.01367
NA	0.97741	1,672.67	6.742	0.94848	1.05282	0.93093
NI	0.97116	4,427.67	0.909	0.96108	0.97494	0.97748
PB	0.04554	11.67	13.337	0.03981	0.05190	0.04490
SB	0.63235	19,365.00	1.237	0.62356	0.63853	0.63497
SE	0.03348	8.67	24.564	0.02450	0.04064	0.03530
SN	0.00320	4,293.00	137.649	0.00586	0.00561	-0.00188
SR	0.00344	908.00	0.356	0.00343	0.00345	0.00343
TI	-0.00172	54.67	57.795	-0.00114	-0.00286	-0.00115
V	0.50838	1,448.67	0.509	0.50576	0.51094	0.50843
Y	75218.66667	75,218.67	0.196	75364.00000	75223.00000	75069.00000
ZN	1.02606	3,288.33	0.507	1.02018	1.03005	1.02795

8967

LANCASTER LABORATORIES

Run Name: 0724405T65

Tube: 46

Sample Number: **CCV**

Instrument ID: 08643

Date/Time: 09/02/2007 02:18

ELEMENT	AVERAGE CONC (ppm)	AVERAGE INTENSITY	%RSD	INTEGRATIONS #1	#2	#3
AG	0.48367	1,243.67	0.532	0.48661	0.48180	0.48261
AL	24.01922	14,554.33	1.257	24.31128	24.03787	23.70851
AS	0.44750	6,105.00	1.936	0.45708	0.44521	0.44020
B	0.47870	25,489.00	1.363	0.48444	0.48006	0.47160
BA	0.48381	6,229.67	0.678	0.48759	0.48217	0.48168
CA	23.74578	5,472.33	0.698	23.93714	23.65159	23.64862
CD	0.47799	111,443.00	0.632	0.48141	0.47686	0.47569
CO	0.48060	1,038.33	1.238	0.48631	0.48105	0.47444
CR	0.49846	1,665.33	1.157	0.50344	0.49980	0.49214
CU	0.50052	10,147.33	1.368	0.50735	0.50054	0.49366
FE	24.07628	16,429.33	0.553	24.22834	23.98070	24.01980
MG	24.12387	21,550.67	0.770	24.33189	24.06469	23.97505
MN	0.48277	6,370.00	0.552	0.48579	0.48073	0.48180
MO	0.56991	556.33	1.428	0.56056	0.57537	0.57380
NA	24.30036	3,753.33	0.573	24.40878	24.14336	24.34894
NI	0.47096	2,377.67	0.689	0.47464	0.46973	0.46851
PB	0.48900	10.00	0.574	0.49215	0.48676	0.48811
SB	0.48841	10,882.00	0.738	0.49167	0.48454	0.48901
SE	0.42558	11.67	0.213	0.42634	0.42458	0.42582
SN	0.47416	4,609.67	1.153	0.47715	0.46785	0.47749
SR	0.48376	43,181.67	0.462	0.48634	0.48243	0.48251
TI	0.50168	337.00	0.492	0.50451	0.50003	0.50049
V	0.49659	1,407.33	0.490	0.49938	0.49488	0.49551
Y	70749.00000	70,749.00	1.395	69670.00000	70971.00000	71606.00000
ZN	0.47112	1,578.00	0.524	0.47381	0.46895	0.47061

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LANCASTER LABORATORIES

Run Name: 0724405T65

Tube: 47

Sample Number: **CCB**

Instrument ID: 08643

Date/Time: 09/02/2007 02:23

ELEMENT	AVERAGE CONC (ppm)	AVERAGE INTENSITY	%RSD	INTEGRATIONS #1	#2	#3
AG	0.00055	143.00	0.544	0.00055	0.00055	0.00055
AL	-0.06193	288.00	40.619	-0.03439	-0.06771	-0.08369
AS	-0.00740	2,102.00	20.739	-0.00907	-0.00710	-0.00604
B	0.00029	3,529.67	56.038	0.00041	0.00010	0.00036
BA	0.00007	105.67	166.847	0.00016	0.00009	-0.00006
CA	0.00934	123.00	383.940	0.04812	0.00249	-0.02260
CD	-0.00049	5,910.33	9.981	-0.00054	-0.00044	-0.00048
CO	-0.00087	180.67	35.750	-0.00068	-0.00070	-0.00123
CR	-0.00066	219.00	0.339	-0.00067	-0.00066	-0.00066
CU	-0.00028	1,271.33	13.000	-0.00031	-0.00031	-0.00024
FE	0.03035	888.67	45.511	0.04517	0.02804	0.01784
MG	0.01555	509.00	237.162	0.05593	0.00705	-0.01633
MN	0.00031	143.00	38.937	0.00045	0.00024	0.00024
MO	0.00307	106.00	39.628	0.00293	0.00435	0.00193
NA	0.25395	1,180.33	11.298	0.24442	0.23124	0.28620
NI	0.00141	363.00	57.323	0.00048	0.00188	0.00188
PB	-0.00217	9.00	34.755	-0.00276	-0.00242	-0.00132
SB	-0.00262	3,768.33	43.963	-0.00219	-0.00392	-0.00174
SE	-0.00171	9.33	204.079	-0.00261	-0.00467	0.00214
SN	0.00073	1,969.00	113.784	0.00169	0.00035	0.00016
SR	0.00000	535.33	596.157	0.00006	-0.00003	-0.00004
TI	0.00051	38.33	177.310	0.00155	-0.00001	-0.00001
V	0.00029	146.33	72.457	0.00017	0.00016	0.00052
Y	74300.00000	74,300.00	0.718	74916.00000	74007.00000	73977.00000
ZN	0.00169	73.33	9.769	0.00188	0.00159	0.00159

8969

Extraction/Distillation/Digestion Logs

Batch#: 072361848003

C2

LLENS Worksheet for 1848 SW846 Water

Start Time: 23:00 End Time: 2:50

Reagents:	1:1 HNO3	1:1 HCL
Lot#	P07-135A	P07-194A
Vol Added(mL)*	2mL	5mL

*Volumes added to each field and QC Sample. Method Ref: SW-846 3005A

#	Sample ID	Date Due	C ST P	Comments	Analysis#
1)	BLANK			used LCS - Filtered DI water Lot # P07-233C	
2)	LCS				
3)	5136497	09/05/07 09:30	WW S8	08A	01848
4)	5136498	09/05/07 09:30	WW S8		01848
5)	5136499	09/05/07 09:30	WW S8		01848
6)	5136500EB	09/05/07 09:30	WW S8		01848
7)	5136502	09/05/07 09:30	WW S8		01848
8)	5136503	09/05/07 09:30	WW S8		01848
9)	5136504	09/05/07 09:30	WW S8		01848
10)	5136505U	09/05/07 09:30	WW S8		01848
11)	5136506MS	09/05/07 09:30	WW S8		01848
12)	5136507MSD	09/05/07 09:30	WW S8		01848
13)	5136508DUP	09/05/07 09:30	WW S8		01848
14)	5136509	09/05/07 09:30	WW S8		01848
15)	5136510	09/05/07 09:30	WW S8		01848
16)	5136511	09/05/07 09:30	WW S8		01848
17)	5133690	08/30/07 09:15	WW P7	89A	01848
18)	5133698	08/30/07 09:15	WW P7		01848

Signature: Helen L Schaeffer-764 Date: 8-22-07

Reviewed by: Dawn Gish Date: 9-4-07

Printed by 00764 on 08/27/2007 at 02:57

Batch#: 072361848003

LLENS Worksheet for 1848 SW846 Water

Start Time: 13:00 End Time: 2:50

Reagents:	1:1 HNO3	1:1 HCL
Lot#	P07-135A	P07-184A
Vol Added(mL)*	2mL	5mL

*Volumes added to each field and QC Sample.

Method Ref: SW-846 3005A

#	Sample ID	Date Due	C ST P	Comments	Analysis#
19)	5133699	08/30/07 09:15	WW P7	8QA	01848
20)	5133700	08/30/07 09:15	WW P7		01848
21)	5133701	08/30/07 09:15	WW P7		01848
22)	5133702	08/30/07 09:15	WW P7		01848
23)	5135087	08/31/07 09:10	WW P7	10/50 Bod matrix 08A	01848
24)	5134745	09/04/07 09:10	WW P8		01848
25)	5134747	09/04/07 09:10	WW P8		01848

Signature: Helen L Schaffer 764 Date: 8-27-07

Reviewed by: [illegible] 1221 Date: 9-4-07

Printed by 00764 on 08/27/2007 at 02:57

8972

Batch#: 072361848003

LLENS Batch Chronology Report - 1848 SW846 Water

#	Operation	Instrument	Date	Time	Analyst
1)	Batch Creation		08/24/2007	14:40	00764
2)	Sample Vol		08/27/2007	02:53	00764
3)	Spiking Info		08/27/2007	02:54	00764
4)	Final Vol	CLEAR	08/27/2007	02:56	00764
5)	Upload Prep	LX09179	08/27/2007	02:57	00764

Comments: _____

0973

Printed by 00764 on 08/27/2007 at 02:57

Sample ID	MAN	Rep #	Initial Vol	Spk A Lot#	Vol Added	Spk B Lot#	Vol Added	Final Volum	Trial	EPA#	SDG#	Due Date
BLANK			50.0000					50.0000				
LCS			1.0000	07E194#9	1.0000	PO7-205B	1.0000	1.0000				
5136497	01848		50.0000					50.0000		TF--5	CBN47-01	09/05/07 S8
5136498	01848		50.0000					50.0000		TF-23	CBN47-02	09/05/07 S8
5136499	01848		50.0000					50.0000		TF123	CBN47-03	09/05/07 S8
5136500EB	01848		50.0000					50.0000		BCEB1	CBN47-04EB	09/05/07 S8
5136502	01848		50.0000					50.0000		DC--2	CBN47-06	09/05/07 S8
5136503	01848		50.0000					50.0000		DB-8A	CBN47-07	09/05/07 S8
5136504	01848		50.0000					50.0000		OS--1	CBN47-08	09/05/07 S8
5136505	01848		50.0000					50.0000		OS--3	CBN47-09BKG	09/05/07 S8
5136506MS	01848		50.0000	07E194#9	1.0000	PO7-205B	1.0000	50.0000		OS--3	CBN47-09MS	09/05/07 S8
5136507MSD	01848		50.0000	07E194#9	1.0000	PO7-205B	1.0000	50.0000		OS--3	CBN47-09MSD	09/05/07 S8
5136508DUP	01848		50.0000					50.0000		OS--3	CBN47-09DUP	09/05/07 S8
5136509	01848		50.0000					50.0000		OR--3	CBN47-10	09/05/07 S8
5136510	01848		50.0000					50.0000		OR--2	CBN47-11	09/05/07 S8
5136511	01848		50.0000					50.0000		DC--1	CBN47-12*	09/05/07 S8
5133690	01848		50.0000					50.0000		PRW1R		08/30/07 P7
5133698	01848		50.0000					50.0000		PR104		08/30/07 P7
5133699	01848		50.0000					50.0000		PR105		08/30/07 P7
5133700	01848		50.0000					50.0000		PR106		08/30/07 P7
5133701	01848		50.0000					50.0000		PR107		08/30/07 P7
5133702	01848		50.0000					50.0000		PR108		08/30/07 P7
5135087	01848		10.0000					50.0000		CSJ06		08/31/07 P7
5134745	01848		50.0000					50.0000				09/04/07 P8

Printed by 00764 on 08/27/2007 at 02:57

Sample ID	MAN	Rep #	Initial Vol	Spk A Lot#	Vol Added	Spk B Lot#	Vol Added	Final Volum	Trial	EPA#	SDG#	Due Date
5134747	01848		50.0000					50.0000				09/04/07 P8

Printed by 00764 on 08/27/2007 at 02:57

Change Log

Sample ID	Analysis	Operation	Measurement	Original Entry Date	Time	Data	Units	Analyst	Data Changed Date	Time	Analyst	Reason
5135087	01848	Sample Vol	Initial Volume	08/27/2007	02:53	50	(mL)	00764	08/27/2007	02:54	00764	Bad Matric

Printed by 00764 on 08/27/2007 at 02:57

APPENDIX D

LABORATORY ANALYTICAL RESULTS WITH CHAIN-OF-CUSTODIES (ANALYTICAL REPORTS ON DISK)

Lancaster Laboratories
2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

NYSDEC ASP Category B Data Package
for
Chevron Environmental Mgmt.

SDG# CBN48

Project: Beacon - NY
Water Samples
Collected on 11/28/07-11/29/07
Sample No. 5224801-5224008

PA Cert. # 36-00037
NY Cert. # 10670
NJ Cert. # PA011
NC Cert. # 521

Prepared by CKSchwarm

Reviewed by [signature]

Date 1-4-08

Lancaster Laboratories
2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

Table of Contents for SDG# CBN48

Lancaster Laboratories
2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

Sample Reference List for SDG Number CBN48 with a Data Package Type of NYSDEC B

11387 - Chevron Environmental Mgmt.

Project: Beacon - NY

Lab Sample Number	Lab Sample Code	Client Sample Description
5224001	BCD01	DC-1-112807 Grab Water Sample
5224002	BCD08	DB-8A-112807 Grab Water Sample
5224003	BCOR2	OR-2-112907 Grab Water Sample
5224004	BCOS2	OS-2-112907 Grab Water Sample
5224005	BCOR3	OR-3-112907 Grab Water Sample
5224006	BCOS3	OS-3-112907 Grab Water Sample
5224007	BCEB1	EB-1-112907 Grab Water Sample
5224008	BCTB1	Trip_Blank-112907 Water Sample

Acct#11387 Cap#1067563 Sample# 5223994-4008

Page 1 of 2

No. 4707

CHAIN OF CUSTODY RECORD

CLIENT: Parsons / Chevron

PROJECT NO.: 444019.0800

PROJECT MGR: Craig Butler

PROJECT NAME: Chevron-Bakersfield RCRA Groundwater Permit

NOTES - (Reference QAPP and/or analytical protocols to be used): See Wendy Keating for Project Details

SAMPLERS: Ed Ashton, Derek Barnes

ANALYSES REQUIRED: VOCs - 8260; SVOCs - 8270; PG - 6010B

Send results to:
PARSONS
280 Elwood Davis Road-Suite 312
Liverpool, NY 13088
Telephone: (315) 451-9560
Fax: (315) 451-9570

Lab Submitted to:
Lancaster Labs
2425 New Holland Pike
Lancaster, PA 17601
717-656-2300

REMARKS: PG sample in unpres. glass bottle. See Wendy Keating for details

FIELD SAMPLE ID *	LOCATION DESCRIPTION	DATE	TIME	GRAB	COMP	MATRIX	Number of Bottles
TF-23-111207	TF-23	11/28/07	0845	X		MW	6
TF-123-111207	TF-123	11/28/07	0850	X		MW	6
TF-5-111207	TF-5	11/28/07	0855	X		MW	6
DC-2-111207	DC-2	11/28/07	0930	X		MW	6
DC-2MS-111207	DC-2 MS						
DC-2MSD-111207	DC-2 MSD						
DC-1-111207	DC-1	11/28/07	1000	X		MW	6
DB-8A-111207	DB-8A	11/28/07	1030	X		MW	6
OR-2-111207	OR-2	11/28/07	1040	X		MW	6
OS-2-111207	OS-2	11/28/07	1030	X		MW	6

Relinquished by: (Signature)	Date	Time	Shipped via	Airbill #	Received by: (Signature)	Date	Time	Cooler Temp.
Ed Ashton	11/28/07	1600	FedEx					°C; Samples Intact: Yes No
Relinquished by: (Signature)	Date:	Time:	Shipped via:	Airbill #:	Received by: (Signature)	Date:	Time:	Cooler Temp: °C; Samples Intact: Yes No
Relinquished by: (Signature)	Date:	Time:	Shipped via:	Airbill #:	Received by: (Signature)	Date: 11-30-07	Time: 0915	Cooler Temp: 1.4-4.6 °C; Samples Intact: X Yes No

TYPE CODES: SOLID
SO- Sediment; SS- Surface Soil; SB- Subsurface Soil; MW- Monitoring Well Boring; TP- Test Pit/Tank Pit; DR- Drum Waste; WA- Solid Waste; OS- Other Solid

WATER
MW- Monitoring Well; LC- Leachate; SW- Surface Water; DW- Drill Water

FD- Fuel Dispenser; MH- Manhole; OW- Oil Water Separator; PR- Piping Run

MATRIX
W - Water; S - Soil; ST- Storm Water; WW- Waste Water; OL- Other Liquid (eg. Drum liquid)

QUALITY CONTROL
FB- Field Blank (with date); TB- Trip Blank (with date); WB- Wash Blank (with date)

2888

* COLLECTION DATES ADDED TO FIELD ID's PER EMAIL FROM ED ASHTON ON 12/7/07.

③ CAS/390 1/2/08

25092 12-10-07

P:\Forms\General\Chain.xls

Revised: 7/31/2002

acct# 11387 Grp#1067563 Sample# 5223994-4008

CHAIN OF CUSTODY RECORD

№ 4708

CLIENT:	PROJECT NO.	PROJECT MGR:
See Page 1	See Page 1	See Page 1

PROJECT NAME: See Page 1

SAMPLERS: See Page 1

NOTES - (Reference QAPP and/or analytical protocols to be used): See Page 1

Send results to:
PARSONS
290 Elwood Davis Road-Suite 312
Liverpool, NY 13088
Telephone: (315) 451-9560
Fax: (315) 451-9570

Lab Submitted to: See Page 1

FIELD SAMPLE ID *	LOCATION DESCRIPTION	DATE	TIME	GRAB	COMP	MATRIX	Number of Bottles	VOCs-8260	SVOCs-8270	PCBs-8082	REMARKS
OR-3-111297	OR-3	11/29/07	1130	+		MW	6	✓	✓	✓	EO4
OS-3-111297	OS-3	11/29/07	1145	+		MW	6	✓	✓	✓	
EB-1-111297	EB-1	11/29/07	1030	+		MW	6	✓	✓	✓	
Trip Blank 11297	Trip Blank	—	—	—	—	—	2	✓			—

Relinquished by: (Signature)	Date:	Time:	Shipped via:	Airbill #:	Received by: (Signature)	Date:	Time:	Cooler Temp: / Samples Intact:
Ed Clarke	11/29/07	1600	FedEx					°C Yes No
Relinquished by: (Signature)	Date:	Time:	Shipped via:	Airbill #:	Received by: (Signature)	Date:	Time:	Cooler Temp: / Samples Intact:
								°C Yes No
Relinquished by: (Signature)	Date:	Time:	Shipped via:	Airbill #:	Received by: (Signature)	Date: 11-30-07	Time: 0915	Cooler Temp: 14-4.6°C / Samples Intact:
					Shirley Moyer			Yes No

TYPE CODES: SOLID
SD- Sediment
SS- Surface Soil
SB- Subsurface Soil
MW- Monitoring Well Boring
TP- Test Pit/Tank Pit
DR- Drum Waste
WA- Solid Waste
OS- Other Solid

WATER
MW- Monitoring Well
LC- Leachate
SW- Surface Water
DW- Drill Water
FD- Fuel Dispenser
MH- Manhole
OW- Oil Water Separator
PR- Piping Run
ST- Storm Water
WW- Waste Water
OL- Other Liquid (eg. Drum liquid)

MATRIX
W - Water
S - Soil

QUALITY CONTROL
FB- Field Blank (with date)
TB- Trip Blank (with date)
WB- Wash Blank (with date)

5000

* SEE NOTE PAGE 1

TS 02 12-10-07

P:\Forms\General\Chain.xls

Revised: 7/31/2002

Lancaster Laboratories
2425 New Holland Pike • Lancaster, PA 17601

Environmental Sample Administration
Receipt Documentation Log

Client/Project: Parsons - Chevron

Date of Receipt: 11-30-07

Time of Receipt: 0915

Source Code: 50-1

Unpacker Emp. No.: 2132

Shipping Container Sealed: (Y) / N

Custody Seal Present: (Y) / N

Custody Seal Intact: (Y) / N / NA

Package: (Chilled) / Not Chilled

Temperature of Shipping Containers							
Cooler #	Thermometer ID	Temperature (°C)	Temp Bottle (TB) or Surface Temp (ST)	Wet Ice (WI) or Dry Ice (DI) or Ice Packs (IP)	Ice Present? Y/N	Loose (L) Bagged Ice (B) or NA	Comments
1	04295	4.6°	TB	WI	Y	B	
2	↓	1.4°	↓	↓	↓	↓	
3		3.1°					
4	↓	1.5°	↓	↓	↓	↓	
5							
6							

Number of Trip Blanks received NOT listed on chain of custody: 0

Paperwork Discrepancy/Unpacking Problems:

1 broken amber - OR-3 - discarded
1 amber - cracked lid - OR-3 - bagged
Small jars - no labels on the jars, but the lids are marked

Sample Administration Internal Chain of Custody			
Name	Date	Time	Reason for Transfer
Krista K Moyer	11-30-07	1425	Unpacking to storage
Tammy Dedert	11/30/07	1435	Place in Storage or (Entry)
			Entry 0004
			Entry

Lancaster Laboratories
2425 New Holland Pike • Lancaster, PA 17601

Sample Preservation Data - Waters

Date: 12-1-07

Number	H_2SO_4 1	3	11	46	47	56	143	H_3PO_4 91	HCl 29	79	HNO_3 7	8	9	138	NaOH 2	28	81	MCA 72	None 15	16	Sulfide Check	Res. Cl. Check	0178 6030 Adjust w/ H_2SO_4 or NaOH	6368 6369 (res. Cl check only)	Subsamples Created	F-2138	3312	Comment # Lab Notes # other notes	Init./ Emp. #
5224320														PK							Neg	Neg			Original				88
pH B/A														1,2							Pos	Pos			Created				BB
5224367								PK													Neg	Neg			Original				
pH B/A								1,2													Pos	Pos			Created				
5224368								PK													Neg	Neg			Original				
pH B/A								1,2													Pos	Pos			Created				
5224369								PK													Neg	Neg			Original				
pH B/A								1,2													Pos	Pos			Created				
5224371											PK										Neg	Neg			Original				
pH B/A											1,2										Pos	Pos			Created				
5224372											PK										Neg	Neg			Original				
pH B/A											1,2										Pos	Pos			Created				
5223994											PK										Neg	Neg			Original	X			
pH B/A											1,2										Pos	Pos			Created				
5223995											PK										Neg	Neg			Original	X			
pH B/A	5208										1,2										Pos	Pos			Created				BB

Reviewed by: _____

1123.14

Date: _____

Lancaster Laboratories
2425 New Holland Pike • Lancaster, PA 17601

Sample Preservation Data - Waters

Date: 12-1-07

Number	H_2SO_4 1	3	11	46	47	56	143	H_3PO_4 91	HCl 29	79	HNO_3 7	8	9	138	NaOH 2	28	81	MCA 72	None 15	16	Sulfide Check	Res. Cl. Check	0178 6030 Adjust w/ H_2SO_4 or NaOH	6368 6369 (res. Cl check only)	Subsamples Created	F-2138	3312	Comment # Lab Notes # other notes	Init./ Emp. #
5223996												8									Neg	Neg			Original	X			88 1550
pH B/A																					Pos	Pos			Created				
5223997												8									Neg	Neg			Original	X		same bottle	
pH B/A																					Pos	Pos			Created				
5224000												8									Neg	Neg			Original	X			
pH B/A																					Pos	Pos			Created				
5223998												8									Neg	Neg			Original	X			
pH B/A																					Pos	Pos			Created				
5223999												8									Neg	Neg			Original	X			
pH B/A																					Pos	Pos			Created				
5224001												8									Neg	Neg			Original	X			
pH B/A																					Pos	Pos			Created				
5224002												8									Neg	Neg			Original	X			
pH B/A																					Pos	Pos			Created				
5224003												8									Neg	Neg			Original	X			88 1550
pH B/A																					Pos	Pos			Created				

Reviewed by: _____ 1123.14 Date: _____

084049 11

Lancaster Laboratories
2425 New Holland Pike • Lancaster, PA 17601

Sample Preservation Data - Waters

Date: 12-1-07

Number	H_2SO_4 1	3	11	46	47	56	143	H_3PO_4 91	HCl 29	79	HNO_3 7	8	9	138	NaOH 2	28	81	MCA 72	None 15	16	Sulfide Check	Res. Cl. Check	0178 6030 Adjust w/ H_2SO_4 or NaOH	6368 6369 (res. Cl check only)	Subsamples Created	F-2138	3312	Comment # Lab Notes # other notes	Init./ Emp. #
5224820														PK							Neg	Neg			Original				55
pH B/A														2							Pos	Pos			Created				330
5224867								PK													Neg	Neg			Original				
pH B/A								2													Pos	Pos			Created				
5224868								PK													Neg	Neg			Original				
pH B/A								2													Pos	Pos			Created				
5224869								PK													Neg	Neg			Original				
pH B/A								2													Pos	Pos			Created				
5224871											PK										Neg	Neg			Original				
pH B/A											2										Pos	Pos			Created				
5224872											PK										Neg	Neg			Original				
pH B/A											2										Pos	Pos			Created				
5223894											PK										Neg	Neg			Original				
pH B/A											2										Pos	Pos			Created	X			
5223895											PK										Neg	Neg			Original	X			
pH B/A											2										Pos	Pos			Created				

Reviewed by: _____ 1123.14 Date: _____

084049 10

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 · 717-656-2300 Fax: 717-656-2681 · www.lancasterlabs.com

01163 GC/MS VOA Water Prep

An undiluted aliquot of the water sample or a dilution of the sample is purged with an inert gas and the volatiles are collected on an adsorbent trap that is subsequently desorbed onto a gas chromatographic column.

Reference: Test Methods for Evaluating Solid Wastes, SW-846 Method 5030B, December 1996.

06291 TCL by 8260 (water)
06371 8260 Special Cmpds for Waters

The water sample is purged and the volatile compounds are collected on a sorbent trap that is subsequently desorbed onto the GC/MS system for chromatographic and mass spectral analysis.

Reference: Test Methods for Evaluating Solid Wastes, SW-846 Method 8260B, December 1996

01848 WW SW846 ICP Digest (tot rec)

The sample is digested with nitric acid and hydrochloric acid.

Reference: Test Methods for Evaluating Solid Wastes, SW-846 Method 3005A, July 1992

07055 Lead

The solution resulting from the metals digestion is analyzed by Trace ICP.

Reference: Test Methods for Evaluating Solid Wastes, SW-846 Method 6010B, December 1996.

00813 BNA Water Extraction

The sample aliquot is extracted with methylene chloride by either separatory funnel or liquid/liquid apparatus. Extraction is performed at both a pH of 11 and 2. The extract is concentrated prior to analysis.

Reference: Test Methods for Evaluating Solid Wastes, SW-846 Method 3510C, December 1996

04678 TCL SW846 Semivolatiles/Waters

The sample extract is analyzed by capillary column Gas Chromatography/Mass Spectrometry.

Reference: Test Methods for Evaluating Solid Wastes, SW-846 Method 8270C, December 1996

Lancaster Laboratories

ANALYTICAL RESULTS

Prepared for:

Chevron Environmental Mgmt.
4800 Fournace Place
Bellaire TX 77401

713-219-5225

Prepared by:

Lancaster Laboratories
2425 New Holland Pike
Lancaster, PA 17605-2425

SAMPLE GROUP

The sample group for this submittal is 1067563. Samples arrived at the laboratory on Friday, November 30, 2007. The PO# for this group is 0015008249 and the release number is HENDRICKSON.

Client Description	Lancaster Labs Number
TF-23-112807 Grab Water Sample	5223994
TF-123-112807 Grab Water Sample	5223995
TF-5-112807 Grab Water Sample	5223996
DC-2-112807 Unspiked Grab Water Sample	5223997
DC-2MS-112807 Matrix Spike Grab Water Sample	5223998
DC-2MSD-112807 Matrix Spike Dup Grab Water Sample	5223999
DC-2-112807 Duplicate Grab Water Sample	5224000
DC-1-112807 Grab Water Sample	5224001
DB-8A-112807 Grab Water Sample	5224002
OR-2-112907 Grab Water Sample	5224003
OS-2-112907 Grab Water Sample	5224004
OR-3-112907 Grab Water Sample	5224005
OS-3-112907 Grab Water Sample	5224006
EB-1-112907 Grab Water Sample	5224007
Trip_Blank-112907 Water Sample	5224008

METHODOLOGY

The specific methodologies used in obtaining the enclosed analytical results are indicated on the laboratory chronicles.

ELECTRONIC COPY TO	Parsons Engineering Science	Attn: Ed Ashton
ELECTRONIC COPY TO	Parsons	Attn: Craig Butler

0009

Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

Lancaster Laboratories

1 COPY TO Data Package Group

Questions? Contact your Client Services Representative
Wendy A Kozma at (717) 656-2300

Respectfully Submitted,

Max E. Snavely
Senior Specialist

0010

Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 5223994

TF-23-112807 Grab Water Sample
Beacon - NY

Collected:11/28/2007 08:45 by EA

Account Number: 11387

Submitted: 11/30/2007 09:15
Reported: 12/10/2007 at 18:08
Discard: 02/24/2008

Chevron Environmental Mgmt.
4800 Fournace Place
Bellaire TX 77401

BCT23 SDG#: CBN48-01
I 5E w

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
07055	Lead	7439-92-1	0.0211	0.0069	mg/l	1
04678	TCL SW846 Semivolatiles/Waters					
03871	4-Chloroaniline	106-47-8	N.D.	1.	ug/l	1
03879	Dibenzofuran	132-64-9	N.D.	1.	ug/l	1
03905	2-Methylnaphthalene	91-57-6	N.D.	1.	ug/l	1
03907	2-Nitroaniline	88-74-4	N.D.	1.	ug/l	1
03908	3-Nitroaniline	99-09-2	N.D.	1.	ug/l	1
03909	4-Nitroaniline	100-01-6	N.D.	1.	ug/l	1
03922	2,4,5-Trichlorophenol	95-95-4	N.D.	1.	ug/l	1
03924	2-Chlorophenol	95-57-8	N.D.	1.	ug/l	1
03925	Phenol	108-95-2	N.D.	1.	ug/l	1
03926	2-Nitrophenol	88-75-5	N.D.	1.	ug/l	1
03927	2,4-Dimethylphenol	105-67-9	N.D.	3.	ug/l	1
03928	2,4-Dichlorophenol	120-83-2	N.D.	1.	ug/l	1
03929	4-Chloro-3-methylphenol	59-50-7	N.D.	1.	ug/l	1
03930	2,4,6-Trichlorophenol	88-06-2	N.D.	1.	ug/l	1
03931	2,4-Dinitrophenol	51-28-5	N.D.	19.	ug/l	1
03932	4-Nitrophenol	100-02-7	N.D.	10.	ug/l	1
03933	4,6-Dinitro-2-methylphenol	534-52-1	N.D.	5.	ug/l	1
03934	Pentachlorophenol	87-86-5	N.D.	3.	ug/l	1
03936	bis(2-Chloroethyl)ether	111-44-4	N.D.	1.	ug/l	1
03937	1,3-Dichlorobenzene	541-73-1	N.D.	1.	ug/l	1
03938	1,4-Dichlorobenzene	106-46-7	N.D.	1.	ug/l	1
03939	1,2-Dichlorobenzene	95-50-1	N.D.	1.	ug/l	1
03941	Hexachloroethane	67-72-1	N.D.	1.	ug/l	1
03942	N-Nitroso-di-n-propylamine	621-64-7	N.D.	1.	ug/l	1
03943	Nitrobenzene	98-95-3	N.D.	1.	ug/l	1
03944	Isophorone	78-59-1	N.D.	1.	ug/l	1
03945	bis(2-Chloroethoxy)methane	111-91-1	N.D.	1.	ug/l	1
03946	1,2,4-Trichlorobenzene	120-82-1	N.D.	1.	ug/l	1
03947	Naphthalene	91-20-3	N.D.	1.	ug/l	1
03948	Hexachlorobutadiene	87-68-3	N.D.	1.	ug/l	1
03949	Hexachlorocyclopentadiene	77-47-4	N.D.	5.	ug/l	1
03950	2-Chloronaphthalene	91-58-7	N.D.	2.	ug/l	1
03951	Acenaphthylene	208-96-8	N.D.	1.	ug/l	1
03952	Dimethylphthalate	131-11-3	N.D.	2.	ug/l	1
03953	2,6-Dinitrotoluene	606-20-2	N.D.	1.	ug/l	1
03954	Acenaphthene	83-32-9	N.D.	1.	ug/l	1

Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 5223994

TF-23-112807 Grab Water Sample
Beacon - NY

Collected:11/28/2007 08:45 by EA

Account Number: 11387

Submitted: 11/30/2007 09:15
Reported: 12/10/2007 at 18:08
Discard: 02/24/2008

Chevron Environmental Mgmt.
4800 Fournace Place
Bellaire TX 77401

BCT23 SDG#: CBN48-01

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
03955	2,4-Dinitrotoluene	121-14-2	N.D.	1.	ug/l	1
03956	Fluorene	86-73-7	N.D.	1.	ug/l	1
03957	4-Chlorophenyl-phenylether	7005-72-3	N.D.	2.	ug/l	1
03958	Diethylphthalate	84-66-2	N.D.	2.	ug/l	1
03960	N-Nitrosodiphenylamine	86-30-6	N.D.	2.	ug/l	1
	N-nitrosodiphenylamine decomposes in the GC inlet forming diphenylamine. The result reported for N-nitrosodiphenylamine represents the combined total of both compounds.					
03961	4-Bromophenyl-phenylether	101-55-3	N.D.	1.	ug/l	1
03962	Hexachlorobenzene	118-74-1	N.D.	1.	ug/l	1
03963	Phenanthrene	85-01-8	N.D.	1.	ug/l	1
03964	Anthracene	120-12-7	N.D.	1.	ug/l	1
03965	Di-n-butylphthalate	84-74-2	N.D.	2.	ug/l	1
03966	Fluoranthene	206-44-0	N.D.	1.	ug/l	1
03967	Pyrene	129-00-0	N.D.	1.	ug/l	1
03969	Butylbenzylphthalate	85-68-7	N.D.	2.	ug/l	1
03970	Benzo(a)anthracene	56-55-3	N.D.	1.	ug/l	1
03971	Chrysene	218-01-9	N.D.	1.	ug/l	1
03972	3,3'-Dichlorobenzidine	91-94-1	N.D.	2.	ug/l	1
03973	bis(2-Ethylhexyl)phthalate	117-81-7	N.D.	2.	ug/l	1
03974	Di-n-octylphthalate	117-84-0	N.D.	2.	ug/l	1
03975	Benzo(b)fluoranthene	205-99-2	N.D.	1.	ug/l	1
03976	Benzo(k)fluoranthene	207-08-9	N.D.	1.	ug/l	1
03977	Benzo(a)pyrene	50-32-8	N.D.	1.	ug/l	1
03978	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	1.	ug/l	1
03979	Dibenz(a,h)anthracene	53-70-3	N.D.	1.	ug/l	1
03980	Benzo(g,h,i)perylene	191-24-2	N.D.	1.	ug/l	1
04680	2-Methylphenol	95-48-7	N.D.	1.	ug/l	1
04681	2,2'-oxybis(1-Chloropropane)	108-60-1	N.D.	1.	ug/l	1
04682	4-Methylphenol	106-44-5	N.D.	2.	ug/l	1
	3-Methylphenol and 4-methylphenol cannot be resolved under the chromatographic conditions used for sample analysis. The result reported for 4-methylphenol represents the combined total of both compounds.					
04684	Carbazole	86-74-8	N.D.	1.	ug/l	1
06291	TCL by 8260 (water)					
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	ug/l	1
05385	Chloromethane	74-87-3	N.D.	1.	ug/l	1
05386	Vinyl Chloride	75-01-4	N.D.	1.	ug/l	1
05387	Bromomethane	74-83-9	N.D.	1.	ug/l	1
05388	Chloroethane	75-00-3	N.D.	1.	ug/l	1
05390	1,1-Dichloroethene	75-35-4	N.D.	0.8	ug/l	1

0012

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 5223994

TF-23-112807 Grab Water Sample
Beacon - NY

Collected:11/28/2007 08:45 by EA

Account Number: 11387

Submitted: 11/30/2007 09:15
Reported: 12/10/2007 at 18:08
Discard: 02/24/2008

Chevron Environmental Mgmt.
4800 Fournace Place
Bellaire TX 77401

BCT23 SDG#: CBN48-01

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
05391	Methylene Chloride	75-09-2	N.D.	2.	ug/l	1
05393	1,1-Dichloroethane	75-34-3	N.D.	1.	ug/l	1
05396	Chloroform	67-66-3	N.D.	0.8	ug/l	1
05398	1,1,1-Trichloroethane	71-55-6	N.D.	0.8	ug/l	1
05399	Carbon Tetrachloride	56-23-5	N.D.	1.	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	1.	ug/l	1
05403	Trichloroethene	79-01-6	N.D.	1.	ug/l	1
05404	1,2-Dichloropropane	78-87-5	N.D.	1.	ug/l	1
05406	Bromodichloromethane	75-27-4	N.D.	1.	ug/l	1
05407	Toluene	108-88-3	N.D.	0.7	ug/l	1
05408	1,1,2-Trichloroethane	79-00-5	N.D.	0.8	ug/l	1
05409	Tetrachloroethene	127-18-4	N.D.	0.8	ug/l	1
05411	Dibromochloromethane	124-48-1	N.D.	1.	ug/l	1
05413	Chlorobenzene	108-90-7	N.D.	0.8	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.8	ug/l	1
05419	Bromoform	75-25-2	N.D.	1.	ug/l	1
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.	ug/l	1
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.	ug/l	1
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.8	ug/l	1
06371	8260 Special Cmpds for Waters					
05654	2-Chloroethyl Vinyl Ether	110-75-8	N.D.	2.	ug/l	1
	2-Chloroethyl vinyl ether is an acid labile compound and may not be recovered in an acid preserved sample.					
05655	Trichlorofluoromethane	75-69-4	N.D.	2.	ug/l	1
06304	1,2-Dichloroethene (Total)	540-59-0	N.D.	0.8	ug/l	1
08171	1,3-Dichlorobenzene	541-73-1	N.D.	1.	ug/l	1
08172	1,4-Dichlorobenzene	106-46-7	N.D.	1.	ug/l	1
08173	1,2-Dichlorobenzene	95-50-1	N.D.	1.	ug/l	1

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

0013

Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 5223994

TF-23-112807 Grab Water Sample
Beacon - NY

Collected:11/28/2007 08:45 by EA

Account Number: 11387

Submitted: 11/30/2007 09:15
Reported: 12/10/2007 at 18:08
Discard: 02/24/2008

Chevron Environmental Mgmt.
4800 Fournace Place
Bellaire TX 77401

BCT23 SDG#: CBN48-01

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
07055	Lead	SW-846 6010B	1	12/08/2007 18:49	John P Hook	1
04678	TCL SW846 Semivolatiles/Waters	SW-846 8270C	1	12/05/2007 00:47	Gregory J Drahovsky	1
06291	TCL by 8260 (water)	SW-846 8260B	1	12/04/2007 20:17	Sara E Wolf	1
06371	8260 Special Cmpds for Waters	SW-846 8260B	1	12/04/2007 20:17	Sara E Wolf	1
00813	BNA Water Extraction	SW-846 3510C	1	12/04/2007 06:00	Tracy L Schickel	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	12/04/2007 20:17	Sara E Wolf	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	12/03/2007 19:44	James L Mertz	1

0814

Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 5223995

TF-123-112807 Grab Water Sample
Beacon - NY

Collected:11/28/2007 08:50 by EA

Account Number: 11387

Submitted: 11/30/2007 09:15
Reported: 12/10/2007 at 18:08
Discard: 02/24/2008

Chevron Environmental Mgmt.
4800 Fournace Place
Bellaire TX 77401

BC123 SDG#: CBN48-02
I 5E w

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
07055	Lead	7439-92-1	0.0250	0.0069	mg/l	1
04678	TCL SW846 Semivolatiles/Waters					
03871	4-Chloroaniline	106-47-8	N.D.	1.	ug/l	1
03879	Dibenzofuran	132-64-9	N.D.	1.	ug/l	1
03905	2-Methylnaphthalene	91-57-6	N.D.	1.	ug/l	1
03907	2-Nitroaniline	88-74-4	N.D.	1.	ug/l	1
03908	3-Nitroaniline	99-09-2	N.D.	1.	ug/l	1
03909	4-Nitroaniline	100-01-6	N.D.	1.	ug/l	1
03922	2,4,5-Trichlorophenol	95-95-4	N.D.	1.	ug/l	1
03924	2-Chlorophenol	95-57-8	N.D.	1.	ug/l	1
03925	Phenol	108-95-2	N.D.	1.	ug/l	1
03926	2-Nitrophenol	88-75-5	N.D.	1.	ug/l	1
03927	2,4-Dimethylphenol	105-67-9	N.D.	3.	ug/l	1
03928	2,4-Dichlorophenol	120-83-2	N.D.	1.	ug/l	1
03929	4-Chloro-3-methylphenol	59-50-7	N.D.	1.	ug/l	1
03930	2,4,6-Trichlorophenol	88-06-2	N.D.	1.	ug/l	1
03931	2,4-Dinitrophenol	51-28-5	N.D.	19.	ug/l	1
03932	4-Nitrophenol	100-02-7	N.D.	10.	ug/l	1
03933	4,6-Dinitro-2-methylphenol	534-52-1	N.D.	5.	ug/l	1
03934	Pentachlorophenol	87-86-5	N.D.	3.	ug/l	1
03936	bis(2-Chloroethyl)ether	111-44-4	N.D.	1.	ug/l	1
03937	1,3-Dichlorobenzene	541-73-1	N.D.	1.	ug/l	1
03938	1,4-Dichlorobenzene	106-46-7	N.D.	1.	ug/l	1
03939	1,2-Dichlorobenzene	95-50-1	N.D.	1.	ug/l	1
03941	Hexachloroethane	67-72-1	N.D.	1.	ug/l	1
03942	N-Nitroso-di-n-propylamine	621-64-7	N.D.	1.	ug/l	1
03943	Nitrobenzene	98-95-3	N.D.	1.	ug/l	1
03944	Isophorone	78-59-1	N.D.	1.	ug/l	1
03945	bis(2-Chloroethoxy)methane	111-91-1	N.D.	1.	ug/l	1
03946	1,2,4-Trichlorobenzene	120-82-1	N.D.	1.	ug/l	1
03947	Naphthalene	91-20-3	N.D.	1.	ug/l	1
03948	Hexachlorobutadiene	87-68-3	N.D.	1.	ug/l	1
03949	Hexachlorocyclopentadiene	77-47-4	N.D.	5.	ug/l	1
03950	2-Chloronaphthalene	91-58-7	N.D.	2.	ug/l	1
03951	Acenaphthylene	208-96-8	N.D.	1.	ug/l	1
03952	Dimethylphthalate	131-11-3	N.D.	2.	ug/l	1
03953	2,6-Dinitrotoluene	606-20-2	N.D.	1.	ug/l	1
03954	Acenaphthene	83-32-9	N.D.	1.	ug/l	1

0015

Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 5223995

TF-123-112807 Grab Water Sample
Beacon - NY

Collected:11/28/2007 08:50 by EA

Account Number: 11387

Submitted: 11/30/2007 09:15
Reported: 12/10/2007 at 18:08
Discard: 02/24/2008

Chevron Environmental Mgmt.
4800 Fournace Place
Bellaire TX 77401

BC123 SDG#: CBN48-02

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
03955	2,4-Dinitrotoluene	121-14-2	N.D.	1.	ug/l	1
03956	Fluorene	86-73-7	N.D.	1.	ug/l	1
03957	4-Chlorophenyl-phenylether	7005-72-3	N.D.	2.	ug/l	1
03958	Diethylphthalate	84-66-2	N.D.	2.	ug/l	1
03960	N-Nitrosodiphenylamine	86-30-6	N.D.	2.	ug/l	1
	N-nitrosodiphenylamine decomposes in the GC inlet forming diphenylamine. The result reported for N-nitrosodiphenylamine represents the combined total of both compounds.					
03961	4-Bromophenyl-phenylether	101-55-3	N.D.	1.	ug/l	1
03962	Hexachlorobenzene	118-74-1	N.D.	1.	ug/l	1
03963	Phenanthrene	85-01-8	N.D.	1.	ug/l	1
03964	Anthracene	120-12-7	N.D.	1.	ug/l	1
03965	Di-n-butylphthalate	84-74-2	N.D.	2.	ug/l	1
03966	Fluoranthene	206-44-0	N.D.	1.	ug/l	1
03967	Pyrene	129-00-0	N.D.	1.	ug/l	1
03969	Butylbenzylphthalate	85-68-7	N.D.	2.	ug/l	1
03970	Benzo(a)anthracene	56-55-3	N.D.	1.	ug/l	1
03971	Chrysene	218-01-9	N.D.	1.	ug/l	1
03972	3,3'-Dichlorobenzidine	91-94-1	N.D.	2.	ug/l	1
03973	bis(2-Ethylhexyl)phthalate	117-81-7	N.D.	2.	ug/l	1
03974	Di-n-octylphthalate	117-84-0	N.D.	2.	ug/l	1
03975	Benzo(b)fluoranthene	205-99-2	N.D.	1.	ug/l	1
03976	Benzo(k)fluoranthene	207-08-9	N.D.	1.	ug/l	1
03977	Benzo(a)pyrene	50-32-8	N.D.	1.	ug/l	1
03978	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	1.	ug/l	1
03979	Dibenz(a,h)anthracene	53-70-3	N.D.	1.	ug/l	1
03980	Benzo(g,h,i)perylene	191-24-2	N.D.	1.	ug/l	1
04680	2-Methylphenol	95-48-7	N.D.	1.	ug/l	1
04681	2,2'-oxybis(1-Chloropropane)	108-60-1	N.D.	1.	ug/l	1
04682	4-Methylphenol	106-44-5	N.D.	2.	ug/l	1
	3-Methylphenol and 4-methylphenol cannot be resolved under the chromatographic conditions used for sample analysis. The result reported for 4-methylphenol represents the combined total of both compounds.					
04684	Carbazole	86-74-8	N.D.	1.	ug/l	1
06291	TCL by 8260 (water)					
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	ug/l	1
05385	Chloromethane	74-87-3	N.D.	1.	ug/l	1
05386	Vinyl Chloride	75-01-4	N.D.	1.	ug/l	1
05387	Bromomethane	74-83-9	N.D.	1.	ug/l	1
05388	Chloroethane	75-00-3	N.D.	1.	ug/l	1
05390	1,1-Dichloroethene	75-35-4	N.D.	0.8	ug/l	1

0816

Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 5223995

TF-123-112807 Grab Water Sample
Beacon - NY

Collected:11/28/2007 08:50 by EA

Account Number: 11387

Submitted: 11/30/2007 09:15
Reported: 12/10/2007 at 18:08
Discard: 02/24/2008

Chevron Environmental Mgmt.
4800 Fournace Place
Bellaire TX 77401

BC123 SDG#: CBN48-02

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
05391	Methylene Chloride	75-09-2	N.D.	2.	ug/l	1
05393	1,1-Dichloroethane	75-34-3	N.D.	1.	ug/l	1
05396	Chloroform	67-66-3	N.D.	0.8	ug/l	1
05398	1,1,1-Trichloroethane	71-55-6	N.D.	0.8	ug/l	1
05399	Carbon Tetrachloride	56-23-5	N.D.	1.	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	1.	ug/l	1
05403	Trichloroethene	79-01-6	N.D.	1.	ug/l	1
05404	1,2-Dichloropropane	78-87-5	N.D.	1.	ug/l	1
05406	Bromodichloromethane	75-27-4	N.D.	1.	ug/l	1
05407	Toluene	108-88-3	N.D.	0.7	ug/l	1
05408	1,1,2-Trichloroethane	79-00-5	N.D.	0.8	ug/l	1
05409	Tetrachloroethene	127-18-4	N.D.	0.8	ug/l	1
05411	Dibromochloromethane	124-48-1	N.D.	1.	ug/l	1
05413	Chlorobenzene	108-90-7	N.D.	0.8	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.8	ug/l	1
05419	Bromoform	75-25-2	N.D.	1.	ug/l	1
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.	ug/l	1
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.	ug/l	1
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.8	ug/l	1
06371	8260 Special Cmpds for Waters					
05654	2-Chloroethyl Vinyl Ether	110-75-8	N.D.	2.	ug/l	1
	2-Chloroethyl vinyl ether is an acid labile compound and may not be recovered in an acid preserved sample.					
05655	Trichlorofluoromethane	75-69-4	N.D.	2.	ug/l	1
06304	1,2-Dichloroethene (Total)	540-59-0	N.D.	0.8	ug/l	1
08171	1,3-Dichlorobenzene	541-73-1	N.D.	1.	ug/l	1
08172	1,4-Dichlorobenzene	106-46-7	N.D.	1.	ug/l	1
08173	1,2-Dichlorobenzene	95-50-1	N.D.	1.	ug/l	1

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

0017

Laboratory Chronicle

Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 5223995

TF-123-112807 Grab Water Sample
Beacon - NY

Collected:11/28/2007 08:50 by EA

Account Number: 11387

Submitted: 11/30/2007 09:15
Reported: 12/10/2007 at 18:08
Discard: 02/24/2008

Chevron Environmental Mgmt.
4800 Fournace Place
Bellaire TX 77401

BC123 SDG#: CBN48-02

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
07055	Lead	SW-846 6010B	1	12/08/2007 18:53	John P Hook	1
04678	TCL SW846 Semivolatiles/Waters	SW-846 8270C	1	12/05/2007 01:12	Gregory J Drahovsky	1
06291	TCL by 8260 (water)	SW-846 8260B	1	12/04/2007 20:40	Sara E Wolf	1
06371	8260 Special Cmpds for Waters	SW-846 8260B	1	12/04/2007 20:40	Sara E Wolf	1
00813	BNA Water Extraction	SW-846 3510C	1	12/04/2007 06:00	Tracy L Schickel	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	12/04/2007 20:40	Sara E Wolf	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	12/03/2007 19:44	James L Mertz	1

0018

Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 5223996

TF-5-112807 Grab Water Sample
Beacon - NY

Collected:11/28/2007 08:55 by EA

Account Number: 11387

Submitted: 11/30/2007 09:15
Reported: 12/10/2007 at 18:08
Discard: 02/24/2008

Chevron Environmental Mgmt.
4800 Fournace Place
Bellaire TX 77401

BCT05 SDG#: CBN48-03
I 5E w

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
07055	Lead	7439-92-1	0.0076 J	0.0069	mg/l	1
04678	TCL SW846 Semivolatiles/Waters					
03871	4-Chloroaniline	106-47-8	N.D.	1.	ug/l	1
03879	Dibenzofuran	132-64-9	N.D.	1.	ug/l	1
03905	2-Methylnaphthalene	91-57-6	N.D.	1.	ug/l	1
03907	2-Nitroaniline	88-74-4	N.D.	1.	ug/l	1
03908	3-Nitroaniline	99-09-2	N.D.	1.	ug/l	1
03909	4-Nitroaniline	100-01-6	N.D.	1.	ug/l	1
03922	2,4,5-Trichlorophenol	95-95-4	N.D.	1.	ug/l	1
03924	2-Chlorophenol	95-57-8	N.D.	1.	ug/l	1
03925	Phenol	108-95-2	N.D.	1.	ug/l	1
03926	2-Nitrophenol	88-75-5	N.D.	1.	ug/l	1
03927	2,4-Dimethylphenol	105-67-9	N.D.	3.	ug/l	1
03928	2,4-Dichlorophenol	120-83-2	N.D.	1.	ug/l	1
03929	4-Chloro-3-methylphenol	59-50-7	N.D.	1.	ug/l	1
03930	2,4,6-Trichlorophenol	88-06-2	N.D.	1.	ug/l	1
03931	2,4-Dinitrophenol	51-28-5	N.D.	21.	ug/l	1
03932	4-Nitrophenol	100-02-7	N.D.	11.	ug/l	1
03933	4,6-Dinitro-2-methylphenol	534-52-1	N.D.	5.	ug/l	1
03934	Pentachlorophenol	87-86-5	N.D.	3.	ug/l	1
03936	bis(2-Chloroethyl)ether	111-44-4	N.D.	1.	ug/l	1
03937	1,3-Dichlorobenzene	541-73-1	N.D.	1.	ug/l	1
03938	1,4-Dichlorobenzene	106-46-7	N.D.	1.	ug/l	1
03939	1,2-Dichlorobenzene	95-50-1	N.D.	1.	ug/l	1
03941	Hexachloroethane	67-72-1	N.D.	1.	ug/l	1
03942	N-Nitroso-di-n-propylamine	621-64-7	N.D.	1.	ug/l	1
03943	Nitrobenzene	98-95-3	N.D.	1.	ug/l	1
03944	Isophorone	78-59-1	N.D.	1.	ug/l	1
03945	bis(2-Chloroethoxy)methane	111-91-1	N.D.	1.	ug/l	1
03946	1,2,4-Trichlorobenzene	120-82-1	N.D.	1.	ug/l	1
03947	Naphthalene	91-20-3	N.D.	1.	ug/l	1
03948	Hexachlorobutadiene	87-68-3	N.D.	1.	ug/l	1
03949	Hexachlorocyclopentadiene	77-47-4	N.D.	5.	ug/l	1
03950	2-Chloronaphthalene	91-58-7	N.D.	2.	ug/l	1
03951	Acenaphthylene	208-96-8	N.D.	1.	ug/l	1
03952	Dimethylphthalate	131-11-3	N.D.	2.	ug/l	1
03953	2,6-Dinitrotoluene	606-20-2	N.D.	1.	ug/l	1
03954	Acenaphthene	83-32-9	N.D.	1.	ug/l	1

0019

Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 5223996

TF-5-112807 Grab Water Sample
Beacon - NY

Collected:11/28/2007 08:55 by EA

Account Number: 11387

Submitted: 11/30/2007 09:15
Reported: 12/10/2007 at 18:08
Discard: 02/24/2008

Chevron Environmental Mgmt.
4800 Fournace Place
Bellaire TX 77401

BCT05 SDG#: CBN48-03

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
03955	2,4-Dinitrotoluene	121-14-2	N.D.	1.	ug/l	1
03956	Fluorene	86-73-7	N.D.	1.	ug/l	1
03957	4-Chlorophenyl-phenylether	7005-72-3	N.D.	2.	ug/l	1
03958	Diethylphthalate	84-66-2	N.D.	2.	ug/l	1
03960	N-Nitrosodiphenylamine	86-30-6	N.D.	2.	ug/l	1
	N-nitrosodiphenylamine decomposes in the GC inlet forming diphenylamine. The result reported for N-nitrosodiphenylamine represents the combined total of both compounds.					
03961	4-Bromophenyl-phenylether	101-55-3	N.D.	1.	ug/l	1
03962	Hexachlorobenzene	118-74-1	N.D.	1.	ug/l	1
03963	Phenanthrene	85-01-8	N.D.	1.	ug/l	1
03964	Anthracene	120-12-7	N.D.	1.	ug/l	1
03965	Di-n-butylphthalate	84-74-2	N.D.	2.	ug/l	1
03966	Fluoranthene	206-44-0	N.D.	1.	ug/l	1
03967	Pyrene	129-00-0	N.D.	1.	ug/l	1
03969	Butylbenzylphthalate	85-68-7	N.D.	2.	ug/l	1
03970	Benzo(a)anthracene	56-55-3	N.D.	1.	ug/l	1
03971	Chrysene	218-01-9	N.D.	1.	ug/l	1
03972	3,3'-Dichlorobenzidine	91-94-1	N.D.	2.	ug/l	1
03973	bis(2-Ethylhexyl)phthalate	117-81-7	N.D.	2.	ug/l	1
03974	Di-n-octylphthalate	117-84-0	N.D.	2.	ug/l	1
03975	Benzo(b)fluoranthene	205-99-2	N.D.	1.	ug/l	1
03976	Benzo(k)fluoranthene	207-08-9	N.D.	1.	ug/l	1
03977	Benzo(a)pyrene	50-32-8	N.D.	1.	ug/l	1
03978	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	1.	ug/l	1
03979	Dibenz(a,h)anthracene	53-70-3	N.D.	1.	ug/l	1
03980	Benzo(g,h,i)perylene	191-24-2	N.D.	1.	ug/l	1
04680	2-Methylphenol	95-48-7	N.D.	1.	ug/l	1
04681	2,2'-oxybis(1-Chloropropane)	108-60-1	N.D.	1.	ug/l	1
04682	4-Methylphenol	106-44-5	N.D.	2.	ug/l	1
	3-Methylphenol and 4-methylphenol cannot be resolved under the chromatographic conditions used for sample analysis. The result reported for 4-methylphenol represents the combined total of both compounds.					
04684	Carbazole	86-74-8	N.D.	1.	ug/l	1
06291	TCL by 8260 (water)					
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	ug/l	1
05385	Chloromethane	74-87-3	N.D.	1.	ug/l	1
05386	Vinyl Chloride	75-01-4	N.D.	1.	ug/l	1
05387	Bromomethane	74-83-9	N.D.	1.	ug/l	1
05388	Chloroethane	75-00-3	N.D.	1.	ug/l	1
05390	1,1-Dichloroethene	75-35-4	N.D.	0.8	ug/l	1

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Lancaster Laboratories

Lancaster Laboratories Sample No. WW 5223996

TF-5-112807 Grab Water Sample
Beacon - NY

Collected:11/28/2007 08:55 by EA

Account Number: 11387

Submitted: 11/30/2007 09:15
Reported: 12/10/2007 at 18:08
Discard: 02/24/2008

Chevron Environmental Mgmt.
4800 Fournace Place
Bellaire TX 77401

BCT05 SDG#: CBN48-03

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
05391	Methylene Chloride	75-09-2	N.D.	2.	ug/l	1
05393	1,1-Dichloroethane	75-34-3	N.D.	1.	ug/l	1
05396	Chloroform	67-66-3	N.D.	0.8	ug/l	1
05398	1,1,1-Trichloroethane	71-55-6	N.D.	0.8	ug/l	1
05399	Carbon Tetrachloride	56-23-5	N.D.	1.	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	1.	ug/l	1
05403	Trichloroethene	79-01-6	N.D.	1.	ug/l	1
05404	1,2-Dichloropropane	78-87-5	N.D.	1.	ug/l	1
05406	Bromodichloromethane	75-27-4	N.D.	1.	ug/l	1
05407	Toluene	108-88-3	N.D.	0.7	ug/l	1
05408	1,1,2-Trichloroethane	79-00-5	N.D.	0.8	ug/l	1
05409	Tetrachloroethene	127-18-4	N.D.	0.8	ug/l	1
05411	Dibromochloromethane	124-48-1	N.D.	1.	ug/l	1
05413	Chlorobenzene	108-90-7	N.D.	0.8	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.8	ug/l	1
05419	Bromoform	75-25-2	N.D.	1.	ug/l	1
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.	ug/l	1
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.	ug/l	1
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.8	ug/l	1
06371	8260 Special Cmpds for Waters					
05654	2-Chloroethyl Vinyl Ether	110-75-8	N.D.	2.	ug/l	1
	2-Chloroethyl vinyl ether is an acid labile compound and may not be recovered in an acid preserved sample.					
05655	Trichlorofluoromethane	75-69-4	N.D.	2.	ug/l	1
06304	1,2-Dichloroethene (Total)	540-59-0	N.D.	0.8	ug/l	1
08171	1,3-Dichlorobenzene	541-73-1	N.D.	1.	ug/l	1
08172	1,4-Dichlorobenzene	106-46-7	N.D.	1.	ug/l	1
08173	1,2-Dichlorobenzene	95-50-1	N.D.	1.	ug/l	1

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

0021

Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 5223996

TF-5-112807 Grab Water Sample
Beacon - NY

Collected:11/28/2007 08:55 by EA

Account Number: 11387

Submitted: 11/30/2007 09:15
Reported: 12/10/2007 at 18:08
Discard: 02/24/2008

Chevron Environmental Mgmt.
4800 Fournace Place
Bellaire TX 77401

BCT05 SDG#: CBN48-03

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
07055	Lead	SW-846 6010B	1	12/08/2007 19:03	John P Hook	1
04678	TCL SW846 Semivolatiles/Waters	SW-846 8270C	1	12/05/2007 02:03	Gregory J Drahovsky	1
06291	TCL by 8260 (water)	SW-846 8260B	1	12/04/2007 21:02	Sara E Wolf	1
06371	8260 Special Cmpds for Waters	SW-846 8260B	1	12/04/2007 21:02	Sara E Wolf	1
00813	BNA Water Extraction	SW-846 3510C	1	12/04/2007 06:00	Tracy L Schickel	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	12/04/2007 21:02	Sara E Wolf	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	12/03/2007 19:44	James L Mertz	1

0022

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Lancaster Laboratories

Lancaster Laboratories Sample No. WW 5223997

DC-2-112807 Unspiked Grab Water Sample
Beacon - NY

Collected:11/28/2007 09:30 by EA

Account Number: 11387

Submitted: 11/30/2007 09:15
Reported: 12/10/2007 at 18:08
Discard: 02/24/2008

Chevron Environmental Mgmt.
4800 Fournace Place
Bellaire TX 77401

BCD02 SDG#: CBN48-04BKG
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CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
07055	Lead	7439-92-1	0.0161	0.0069	mg/l	1
04678	TCL SW846 Semivolatiles/Waters					
03871	4-Chloroaniline	106-47-8	N.D.	1.	ug/l	1
03879	Dibenzofuran	132-64-9	N.D.	1.	ug/l	1
03905	2-Methylnaphthalene	91-57-6	N.D.	1.	ug/l	1
03907	2-Nitroaniline	88-74-4	N.D.	1.	ug/l	1
03908	3-Nitroaniline	99-09-2	N.D.	1.	ug/l	1
03909	4-Nitroaniline	100-01-6	N.D.	1.	ug/l	1
03922	2,4,5-Trichlorophenol	95-95-4	N.D.	1.	ug/l	1
03924	2-Chlorophenol	95-57-8	N.D.	1.	ug/l	1
03925	Phenol	108-95-2	N.D.	1.	ug/l	1
03926	2-Nitrophenol	88-75-5	N.D.	1.	ug/l	1
03927	2,4-Dimethylphenol	105-67-9	N.D.	3.	ug/l	1
03928	2,4-Dichlorophenol	120-83-2	N.D.	1.	ug/l	1
03929	4-Chloro-3-methylphenol	59-50-7	N.D.	1.	ug/l	1
03930	2,4,6-Trichlorophenol	88-06-2	N.D.	1.	ug/l	1
03931	2,4-Dinitrophenol	51-28-5	N.D.	20.	ug/l	1
03932	4-Nitrophenol	100-02-7	N.D.	10.	ug/l	1
03933	4,6-Dinitro-2-methylphenol	534-52-1	N.D.	5.	ug/l	1
03934	Pentachlorophenol	87-86-5	N.D.	3.	ug/l	1
03936	bis(2-Chloroethyl)ether	111-44-4	N.D.	1.	ug/l	1
03937	1,3-Dichlorobenzene	541-73-1	N.D.	1.	ug/l	1
03938	1,4-Dichlorobenzene	106-46-7	N.D.	1.	ug/l	1
03939	1,2-Dichlorobenzene	95-50-1	N.D.	1.	ug/l	1
03941	Hexachloroethane	67-72-1	N.D.	1.	ug/l	1
03942	N-Nitroso-di-n-propylamine	621-64-7	N.D.	1.	ug/l	1
03943	Nitrobenzene	98-95-3	N.D.	1.	ug/l	1
03944	Isophorone	78-59-1	N.D.	1.	ug/l	1
03945	bis(2-Chloroethoxy)methane	111-91-1	N.D.	1.	ug/l	1
03946	1,2,4-Trichlorobenzene	120-82-1	N.D.	1.	ug/l	1
03947	Naphthalene	91-20-3	N.D.	1.	ug/l	1
03948	Hexachlorobutadiene	87-68-3	N.D.	1.	ug/l	1
03949	Hexachlorocyclopentadiene	77-47-4	N.D.	5.	ug/l	1
03950	2-Chloronaphthalene	91-58-7	N.D.	2.	ug/l	1
03951	Acenaphthylene	208-96-8	N.D.	1.	ug/l	1
03952	Dimethylphthalate	131-11-3	N.D.	2.	ug/l	1
03953	2,6-Dinitrotoluene	606-20-2	N.D.	1.	ug/l	1
03954	Acenaphthene	83-32-9	N.D.	1.	ug/l	1

0023

Lancaster Laboratories, Inc.
2425 New Holland Pike
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Lancaster Laboratories

Lancaster Laboratories Sample No. WW 5223997

DC-2-112807 Unspiked Grab Water Sample
Beacon - NY

Collected:11/28/2007 09:30 by EA

Account Number: 11387

Submitted: 11/30/2007 09:15
Reported: 12/10/2007 at 18:08
Discard: 02/24/2008

Chevron Environmental Mgmt.
4800 Fournace Place
Bellaire TX 77401

BCD02 SDG#: CBN48-04BKG

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
03955	2,4-Dinitrotoluene	121-14-2	N.D.	1.	ug/l	1
03956	Fluorene	86-73-7	N.D.	1.	ug/l	1
03957	4-Chlorophenyl-phenylether	7005-72-3	N.D.	2.	ug/l	1
03958	Diethylphthalate	84-66-2	N.D.	2.	ug/l	1
03960	N-Nitrosodiphenylamine	86-30-6	N.D.	2.	ug/l	1
	N-nitrosodiphenylamine decomposes in the GC inlet forming diphenylamine. The result reported for N-nitrosodiphenylamine represents the combined total of both compounds.					
03961	4-Bromophenyl-phenylether	101-55-3	N.D.	1.	ug/l	1
03962	Hexachlorobenzene	118-74-1	N.D.	1.	ug/l	1
03963	Phenanthrene	85-01-8	N.D.	1.	ug/l	1
03964	Anthracene	120-12-7	N.D.	1.	ug/l	1
03965	Di-n-butylphthalate	84-74-2	N.D.	2.	ug/l	1
03966	Fluoranthene	206-44-0	N.D.	1.	ug/l	1
03967	Pyrene	129-00-0	N.D.	1.	ug/l	1
03969	Butylbenzylphthalate	85-68-7	N.D.	2.	ug/l	1
03970	Benzo(a)anthracene	56-55-3	N.D.	1.	ug/l	1
03971	Chrysene	218-01-9	N.D.	1.	ug/l	1
03972	3,3'-Dichlorobenzidine	91-94-1	N.D.	2.	ug/l	1
03973	bis(2-Ethylhexyl)phthalate	117-81-7	N.D.	2.	ug/l	1
03974	Di-n-octylphthalate	117-84-0	N.D.	2.	ug/l	1
03975	Benzo(b)fluoranthene	205-99-2	N.D.	1.	ug/l	1
03976	Benzo(k)fluoranthene	207-08-9	N.D.	1.	ug/l	1
03977	Benzo(a)pyrene	50-32-8	N.D.	1.	ug/l	1
03978	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	1.	ug/l	1
03979	Dibenz(a,h)anthracene	53-70-3	N.D.	1.	ug/l	1
03980	Benzo(g,h,i)perylene	191-24-2	N.D.	1.	ug/l	1
04680	2-Methylphenol	95-48-7	N.D.	1.	ug/l	1
04681	2,2'-oxybis(1-Chloropropane)	108-60-1	N.D.	1.	ug/l	1
04682	4-Methylphenol	106-44-5	N.D.	2.	ug/l	1
	3-Methylphenol and 4-methylphenol cannot be resolved under the chromatographic conditions used for sample analysis. The result reported for 4-methylphenol represents the combined total of both compounds.					
04684	Carbazole	86-74-8	N.D.	1.	ug/l	1
06291	TCL by 8260 (water)					
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	ug/l	1
05385	Chloromethane	74-87-3	N.D.	1.	ug/l	1
05386	Vinyl Chloride	75-01-4	N.D.	1.	ug/l	1
05387	Bromomethane	74-83-9	N.D.	1.	ug/l	1
05388	Chloroethane	75-00-3	N.D.	1.	ug/l	1
05390	1,1-Dichloroethene	75-35-4	N.D.	0.8	ug/l	1

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Lancaster Laboratories

Lancaster Laboratories Sample No. WW 5223997

DC-2-112807 Unspiked Grab Water Sample
Beacon - NY

Collected:11/28/2007 09:30 by EA

Account Number: 11387

Submitted: 11/30/2007 09:15
Reported: 12/10/2007 at 18:08
Discard: 02/24/2008

Chevron Environmental Mgmt.
4800 Fournace Place
Bellaire TX 77401

BCD02 SDG#: CBN48-04BKG

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
05391	Methylene Chloride	75-09-2	N.D.	2.	ug/l	1
05393	1,1-Dichloroethane	75-34-3	N.D.	1.	ug/l	1
05396	Chloroform	67-66-3	N.D.	0.8	ug/l	1
05398	1,1,1-Trichloroethane	71-55-6	N.D.	0.8	ug/l	1
05399	Carbon Tetrachloride	56-23-5	N.D.	1.	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	1.	ug/l	1
05403	Trichloroethene	79-01-6	N.D.	1.	ug/l	1
05404	1,2-Dichloropropane	78-87-5	N.D.	1.	ug/l	1
05406	Bromodichloromethane	75-27-4	N.D.	1.	ug/l	1
05407	Toluene	108-88-3	N.D.	0.7	ug/l	1
05408	1,1,2-Trichloroethane	79-00-5	N.D.	0.8	ug/l	1
05409	Tetrachloroethene	127-18-4	N.D.	0.8	ug/l	1
05411	Dibromochloromethane	124-48-1	N.D.	1.	ug/l	1
05413	Chlorobenzene	108-90-7	N.D.	0.8	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.8	ug/l	1
05419	Bromoform	75-25-2	N.D.	1.	ug/l	1
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.	ug/l	1
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.	ug/l	1
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.8	ug/l	1
06371	8260 Special Cmpds for Waters					
05654	2-Chloroethyl Vinyl Ether	110-75-8	N.D.	2.	ug/l	1
	2-Chloroethyl vinyl ether is an acid labile compound and may not be recovered in an acid preserved sample.					
05655	Trichlorofluoromethane	75-69-4	N.D.	2.	ug/l	1
06304	1,2-Dichloroethene (Total)	540-59-0	N.D.	0.8	ug/l	1
08171	1,3-Dichlorobenzene	541-73-1	N.D.	1.	ug/l	1
08172	1,4-Dichlorobenzene	106-46-7	N.D.	1.	ug/l	1
08173	1,2-Dichlorobenzene	95-50-1	N.D.	1.	ug/l	1

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

0025

Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 5223997

DC-2-112807 Unspiked Grab Water Sample
Beacon - NY

Collected:11/28/2007 09:30 by EA

Account Number: 11387

Submitted: 11/30/2007 09:15
Reported: 12/10/2007 at 18:08
Discard: 02/24/2008

Chevron Environmental Mgmt.
4800 Fournace Place
Bellaire TX 77401

BCD02 SDG#: CBN48-04BKG

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
07055	Lead	SW-846 6010B	1	12/08/2007 18:28	John P Hook	1
04678	TCL SW846 Semivolatiles/Waters	SW-846 8270C	1	12/04/2007 23:35	Gregory J Drahovsky	1
06291	TCL by 8260 (water)	SW-846 8260B	1	12/04/2007 21:25	Sara E Wolf	1
06371	8260 Special Cmpds for Waters	SW-846 8260B	1	12/04/2007 21:25	Sara E Wolf	1
00813	BNA Water Extraction	SW-846 3510C	1	12/04/2007 06:00	Tracy L Schickel	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	12/04/2007 21:25	Sara E Wolf	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	12/03/2007 19:44	James L Mertz	1

0026

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Lancaster Laboratories

Lancaster Laboratories Sample No. WW 5223998

DC-2MS-112807 Matrix Spike Grab Water Sample
Beacon - NY

Collected:11/28/2007 09:30 by EA

Account Number: 11387

Submitted: 11/30/2007 09:15
Reported: 12/10/2007 at 18:08
Discard: 02/24/2008

Chevron Environmental Mgmt.
4800 Fournace Place
Bellaire TX 77401

BCD02 SDG#: CBN48-04MS
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CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit	Units	Dilution Factor
07055	Lead	7439-92-1	0.130		0.0069	mg/l	1
04678	TCL SW846 Semivolatiles/Waters						
03871	4-Chloroaniline	106-47-8	45.		1.	ug/l	1
03879	Dibenzofuran	132-64-9	47.		1.	ug/l	1
03905	2-Methylnaphthalene	91-57-6	49.		1.	ug/l	1
03907	2-Nitroaniline	88-74-4	53.		1.	ug/l	1
03908	3-Nitroaniline	99-09-2	48.		1.	ug/l	1
03909	4-Nitroaniline	100-01-6	41.		1.	ug/l	1
03922	2,4,5-Trichlorophenol	95-95-4	45.		1.	ug/l	1
03924	2-Chlorophenol	95-57-8	48.		1.	ug/l	1
03925	Phenol	108-95-2	21.		1.	ug/l	1
03926	2-Nitrophenol	88-75-5	54.		1.	ug/l	1
03927	2,4-Dimethylphenol	105-67-9	48.		3.	ug/l	1
03928	2,4-Dichlorophenol	120-83-2	49.		1.	ug/l	1
03929	4-Chloro-3-methylphenol	59-50-7	52.		1.	ug/l	1
03930	2,4,6-Trichlorophenol	88-06-2	48.		1.	ug/l	1
03931	2,4-Dinitrophenol	51-28-5	N.D.		20.	ug/l	1
03932	4-Nitrophenol	100-02-7	18.	J	10.	ug/l	1
03933	4,6-Dinitro-2-methylphenol	534-52-1	37.		5.	ug/l	1
03934	Pentachlorophenol	87-86-5	9.	J	3.	ug/l	1
03936	bis(2-Chloroethyl)ether	111-44-4	49.		1.	ug/l	1
03937	1,3-Dichlorobenzene	541-73-1	46.		1.	ug/l	1
03938	1,4-Dichlorobenzene	106-46-7	47.		1.	ug/l	1
03939	1,2-Dichlorobenzene	95-50-1	47.		1.	ug/l	1
03941	Hexachloroethane	67-72-1	45.		1.	ug/l	1
03942	N-Nitroso-di-n-propylamine	621-64-7	49.		1.	ug/l	1
03943	Nitrobenzene	98-95-3	47.		1.	ug/l	1
03944	Isophorone	78-59-1	48.		1.	ug/l	1
03945	bis(2-Chloroethoxy)methane	111-91-1	50.		1.	ug/l	1
03946	1,2,4-Trichlorobenzene	120-82-1	48.		1.	ug/l	1
03947	Naphthalene	91-20-3	48.		1.	ug/l	1
03948	Hexachlorobutadiene	87-68-3	48.		1.	ug/l	1
03949	Hexachlorocyclopentadiene	77-47-4	80.		5.	ug/l	1
03950	2-Chloronaphthalene	91-58-7	38.		2.	ug/l	1
03951	Acenaphthylene	208-96-8	51.		1.	ug/l	1
03952	Dimethylphthalate	131-11-3	47.		2.	ug/l	1
03953	2,6-Dinitrotoluene	606-20-2	52.		1.	ug/l	1
03954	Acenaphthene	83-32-9	47.		1.	ug/l	1

0827

Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 5223998

DC-2MS-112807 Matrix Spike Grab Water Sample
Beacon - NY

Collected:11/28/2007 09:30 by EA

Account Number: 11387

Submitted: 11/30/2007 09:15
Reported: 12/10/2007 at 18:08
Discard: 02/24/2008

Chevron Environmental Mgmt.
4800 Fournace Place
Bellaire TX 77401

BCD02 SDG#: CBN48-04MS

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
03955	2,4-Dinitrotoluene	121-14-2	51.	1.	ug/l	1
03956	Fluorene	86-73-7	49.	1.	ug/l	1
03957	4-Chlorophenyl-phenylether	7005-72-3	48.	2.	ug/l	1
03958	Diethylphthalate	84-66-2	48.	2.	ug/l	1
03960	N-Nitrosodiphenylamine	86-30-6	48.	2.	ug/l	1
	N-nitrosodiphenylamine decomposes in the GC inlet forming diphenylamine. The result reported for N-nitrosodiphenylamine represents the combined total of both compounds.					
03961	4-Bromophenyl-phenylether	101-55-3	50.	1.	ug/l	1
03962	Hexachlorobenzene	118-74-1	51.	1.	ug/l	1
03963	Phenanthrene	85-01-8	49.	1.	ug/l	1
03964	Anthracene	120-12-7	49.	1.	ug/l	1
03965	Di-n-butylphthalate	84-74-2	51.	2.	ug/l	1
03966	Fluoranthene	206-44-0	47.	1.	ug/l	1
03967	Pyrene	129-00-0	50.	1.	ug/l	1
03969	Butylbenzylphthalate	85-68-7	49.	2.	ug/l	1
03970	Benzo(a)anthracene	56-55-3	51.	1.	ug/l	1
03971	Chrysene	218-01-9	49.	1.	ug/l	1
03972	3,3'-Dichlorobenzidine	91-94-1	43.	2.	ug/l	1
03973	bis(2-Ethylhexyl)phthalate	117-81-7	52.	2.	ug/l	1
03974	Di-n-octylphthalate	117-84-0	50.	2.	ug/l	1
03975	Benzo(b)fluoranthene	205-99-2	53.	1.	ug/l	1
03976	Benzo(k)fluoranthene	207-08-9	46.	1.	ug/l	1
03977	Benzo(a)pyrene	50-32-8	51.	1.	ug/l	1
03978	Indeno(1,2,3-cd)pyrene	193-39-5	50.	1.	ug/l	1
03979	Dibenz(a,h)anthracene	53-70-3	54.	1.	ug/l	1
03980	Benzo(g,h,i)perylene	191-24-2	50.	1.	ug/l	1
04680	2-Methylphenol	95-48-7	43.	1.	ug/l	1
04681	2,2'-oxybis(1-Chloropropane)	108-60-1	41.	1.	ug/l	1
04682	4-Methylphenol	106-44-5	43.	2.	ug/l	1
	3-Methylphenol and 4-methylphenol cannot be resolved under the chromatographic conditions used for sample analysis. The result reported for 4-methylphenol represents the combined total of both compounds.					
04684	Carbazole	86-74-8	48.	1.	ug/l	1
06291	TCL by 8260 (water)					
02010	Methyl Tertiary Butyl Ether	1634-04-4	19.	0.5	ug/l	1
05385	Chloromethane	74-87-3	24.	1.	ug/l	1
05386	Vinyl Chloride	75-01-4	24.	1.	ug/l	1
05387	Bromomethane	74-83-9	15.	1.	ug/l	1
05388	Chloroethane	75-00-3	17.	1.	ug/l	1
05390	1,1-Dichloroethene	75-35-4	20.	0.8	ug/l	1

0628

Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 5223998

DC-2MS-112807 Matrix Spike Grab Water Sample
Beacon - NY

Collected:11/28/2007 09:30 by EA

Account Number: 11387

Submitted: 11/30/2007 09:15
Reported: 12/10/2007 at 18:08
Discard: 02/24/2008

Chevron Environmental Mgmt.
4800 Fournace Place
Bellaire TX 77401

BCD02 SDG#: CBN48-04MS

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
05391	Methylene Chloride	75-09-2	20.	2.	ug/l	1
05393	1,1-Dichloroethane	75-34-3	21.	1.	ug/l	1
05396	Chloroform	67-66-3	21.	0.8	ug/l	1
05398	1,1,1-Trichloroethane	71-55-6	21.	0.8	ug/l	1
05399	Carbon Tetrachloride	56-23-5	21.	1.	ug/l	1
05401	Benzene	71-43-2	21.	0.5	ug/l	1
05402	1,2-Dichloroethane	107-06-2	20.	1.	ug/l	1
05403	Trichloroethene	79-01-6	21.	1.	ug/l	1
05404	1,2-Dichloropropane	78-87-5	20.	1.	ug/l	1
05406	Bromodichloromethane	75-27-4	20.	1.	ug/l	1
05407	Toluene	108-88-3	21.	0.7	ug/l	1
05408	1,1,2-Trichloroethane	79-00-5	20.	0.8	ug/l	1
05409	Tetrachloroethene	127-18-4	20.	0.8	ug/l	1
05411	Dibromochloromethane	124-48-1	19.	1.	ug/l	1
05413	Chlorobenzene	108-90-7	21.	0.8	ug/l	1
05415	Ethylbenzene	100-41-4	21.	0.8	ug/l	1
05419	Bromoform	75-25-2	17.	1.	ug/l	1
05421	1,1,2,2-Tetrachloroethane	79-34-5	19.	1.	ug/l	1
06306	trans-1,3-Dichloropropene	10061-02-6	18.	1.	ug/l	1
06307	cis-1,3-Dichloropropene	10061-01-5	19.	1.	ug/l	1
06310	Xylene (Total)	1330-20-7	63.	0.8	ug/l	1
06371	8260 Special Cmpds for Waters					
05654	2-Chloroethyl Vinyl Ether	110-75-8	N.D.	2.	ug/l	1
	2-Chloroethyl vinyl ether is an acid labile compound and may not be recovered in an acid preserved sample.					
05655	Trichlorofluoromethane	75-69-4	21.	2.	ug/l	1
06304	1,2-Dichloroethene (Total)	540-59-0	40.	0.8	ug/l	1
08171	1,3-Dichlorobenzene	541-73-1	20.	1.	ug/l	1
08172	1,4-Dichlorobenzene	106-46-7	20.	1.	ug/l	1
08173	1,2-Dichlorobenzene	95-50-1	20.	1.	ug/l	1

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

0029

Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 5223998

DC-2MS-112807 Matrix Spike Grab Water Sample
Beacon - NY

Collected:11/28/2007 09:30 by EA

Account Number: 11387

Submitted: 11/30/2007 09:15
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Discard: 02/24/2008

Chevron Environmental Mgmt.
4800 Fournace Place
Bellaire TX 77401

BCD02 SDG#: CBN48-04MS

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
07055	Lead	SW-846 6010B	1	12/08/2007 18:39	John P Hook	1
04678	TCL SW846 Semivolatiles/Waters	SW-846 8270C	1	12/04/2007 23:59	Gregory J Drahovsky	1
06291	TCL by 8260 (water)	SW-846 8260B	1	12/04/2007 21:47	Sara E Wolf	1
06371	8260 Special Cmpds for Waters	SW-846 8260B	1	12/04/2007 21:47	Sara E Wolf	1
00813	BNA Water Extraction	SW-846 3510C	1	12/04/2007 06:00	Tracy L Schickel	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	12/04/2007 21:47	Sara E Wolf	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	12/03/2007 19:44	James L Mertz	1

0030

Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 5223999

DC-2MSD-112807 Matrix Spike Dup Grab Water Sample
Beacon - NY

Collected:11/28/2007 09:30 by EA

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Discard: 02/24/2008

Chevron Environmental Mgmt.
4800 Fournace Place
Bellaire TX 77401

BCD02 SDG#: CBN48-04MSD
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CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit	Units	Dilution Factor
07055	Lead	7439-92-1	0.131		0.0069	mg/l	1
04678	TCL SW846 Semivolatiles/Waters						
03871	4-Chloroaniline	106-47-8	39.		1.	ug/l	1
03879	Dibenzofuran	132-64-9	48.		1.	ug/l	1
03905	2-Methylnaphthalene	91-57-6	49.		1.	ug/l	1
03907	2-Nitroaniline	88-74-4	52.		1.	ug/l	1
03908	3-Nitroaniline	99-09-2	48.		1.	ug/l	1
03909	4-Nitroaniline	100-01-6	40.		1.	ug/l	1
03922	2,4,5-Trichlorophenol	95-95-4	47.		1.	ug/l	1
03924	2-Chlorophenol	95-57-8	48.		1.	ug/l	1
03925	Phenol	108-95-2	21.		1.	ug/l	1
03926	2-Nitrophenol	88-75-5	54.		1.	ug/l	1
03927	2,4-Dimethylphenol	105-67-9	47.		3.	ug/l	1
03928	2,4-Dichlorophenol	120-83-2	50.		1.	ug/l	1
03929	4-Chloro-3-methylphenol	59-50-7	51.		1.	ug/l	1
03930	2,4,6-Trichlorophenol	88-06-2	48.		1.	ug/l	1
03931	2,4-Dinitrophenol	51-28-5	21.	J	20.	ug/l	1
03932	4-Nitrophenol	100-02-7	20.	J	10.	ug/l	1
03933	4,6-Dinitro-2-methylphenol	534-52-1	41.		5.	ug/l	1
03934	Pentachlorophenol	87-86-5	11.	J	3.	ug/l	1
03936	bis(2-Chloroethyl)ether	111-44-4	49.		1.	ug/l	1
03937	1,3-Dichlorobenzene	541-73-1	46.		1.	ug/l	1
03938	1,4-Dichlorobenzene	106-46-7	47.		1.	ug/l	1
03939	1,2-Dichlorobenzene	95-50-1	46.		1.	ug/l	1
03941	Hexachloroethane	67-72-1	46.		1.	ug/l	1
03942	N-Nitroso-di-n-propylamine	621-64-7	49.		1.	ug/l	1
03943	Nitrobenzene	98-95-3	47.		1.	ug/l	1
03944	Isophorone	78-59-1	46.		1.	ug/l	1
03945	bis(2-Chloroethoxy)methane	111-91-1	49.		1.	ug/l	1
03946	1,2,4-Trichlorobenzene	120-82-1	47.		1.	ug/l	1
03947	Naphthalene	91-20-3	47.		1.	ug/l	1
03948	Hexachlorobutadiene	87-68-3	48.		1.	ug/l	1
03949	Hexachlorocyclopentadiene	77-47-4	80.		5.	ug/l	1
03950	2-Chloronaphthalene	91-58-7	39.		2.	ug/l	1
03951	Acenaphthylene	208-96-8	51.		1.	ug/l	1
03952	Dimethylphthalate	131-11-3	47.		2.	ug/l	1
03953	2,6-Dinitrotoluene	606-20-2	53.		1.	ug/l	1
03954	Acenaphthene	83-32-9	48.		1.	ug/l	1

Lancaster Laboratories, Inc.
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Lancaster Laboratories

Lancaster Laboratories Sample No. WW 5223999

DC-2MSD-112807 Matrix Spike Dup Grab Water Sample
Beacon - NY

Collected:11/28/2007 09:30 by EA

Account Number: 11387

Submitted: 11/30/2007 09:15
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Discard: 02/24/2008

Chevron Environmental Mgmt.
4800 Fournace Place
Bellaire TX 77401

BCD02 SDG#: CBN48-04MSD

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
03955	2,4-Dinitrotoluene	121-14-2	51.	1.	ug/l	1
03956	Fluorene	86-73-7	50.	1.	ug/l	1
03957	4-Chlorophenyl-phenylether	7005-72-3	49.	2.	ug/l	1
03958	Diethylphthalate	84-66-2	48.	2.	ug/l	1
03960	N-Nitrosodiphenylamine	86-30-6	48.	2.	ug/l	1
	N-nitrosodiphenylamine decomposes in the GC inlet forming diphenylamine. The result reported for N-nitrosodiphenylamine represents the combined total of both compounds.					
03961	4-Bromophenyl-phenylether	101-55-3	50.	1.	ug/l	1
03962	Hexachlorobenzene	118-74-1	50.	1.	ug/l	1
03963	Phenanthrene	85-01-8	49.	1.	ug/l	1
03964	Anthracene	120-12-7	49.	1.	ug/l	1
03965	Di-n-butylphthalate	84-74-2	50.	2.	ug/l	1
03966	Fluoranthene	206-44-0	45.	1.	ug/l	1
03967	Pyrene	129-00-0	52.	1.	ug/l	1
03969	Butylbenzylphthalate	85-68-7	49.	2.	ug/l	1
03970	Benzo(a)anthracene	56-55-3	50.	1.	ug/l	1
03971	Chrysene	218-01-9	49.	1.	ug/l	1
03972	3,3'-Dichlorobenzidine	91-94-1	39.	2.	ug/l	1
03973	bis(2-Ethylhexyl)phthalate	117-81-7	53.	2.	ug/l	1
03974	Di-n-octylphthalate	117-84-0	49.	2.	ug/l	1
03975	Benzo(b)fluoranthene	205-99-2	50.	1.	ug/l	1
03976	Benzo(k)fluoranthene	207-08-9	47.	1.	ug/l	1
03977	Benzo(a)pyrene	50-32-8	51.	1.	ug/l	1
03978	Indeno(1,2,3-cd)pyrene	193-39-5	50.	1.	ug/l	1
03979	Dibenz(a,h)anthracene	53-70-3	53.	1.	ug/l	1
03980	Benzo(g,h,i)perylene	191-24-2	50.	1.	ug/l	1
04680	2-Methylphenol	95-48-7	44.	1.	ug/l	1
04681	2,2'-oxybis(1-Chloropropane)	108-60-1	40.	1.	ug/l	1
04682	4-Methylphenol	106-44-5	42.	2.	ug/l	1
	3-Methylphenol and 4-methylphenol cannot be resolved under the chromatographic conditions used for sample analysis. The result reported for 4-methylphenol represents the combined total of both compounds.					
04684	Carbazole	86-74-8	48.	1.	ug/l	1
06291	TCL by 8260 (water)					
02010	Methyl Tertiary Butyl Ether	1634-04-4	19.	0.5	ug/l	1
05385	Chloromethane	74-87-3	24.	1.	ug/l	1
05386	Vinyl Chloride	75-01-4	24.	1.	ug/l	1
05387	Bromomethane	74-83-9	15.	1.	ug/l	1
05388	Chloroethane	75-00-3	17.	1.	ug/l	1
05390	1,1-Dichloroethene	75-35-4	20.	0.8	ug/l	1

0032

Lancaster Laboratories, Inc.
2425 New Holland Pike
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717-656-2300 Fax: 717-656-2681

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 5223999

DC-2MSD-112807 Matrix Spike Dup Grab Water Sample
Beacon - NY

Collected:11/28/2007 09:30 by EA

Account Number: 11387

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Discard: 02/24/2008

Chevron Environmental Mgmt.
4800 Fournace Place
Bellaire TX 77401

BCD02 SDG#: CBN48-04MSD

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
05391	Methylene Chloride	75-09-2	19.	2.	ug/l	1
05393	1,1-Dichloroethane	75-34-3	21.	1.	ug/l	1
05396	Chloroform	67-66-3	21.	0.8	ug/l	1
05398	1,1,1-Trichloroethane	71-55-6	21.	0.8	ug/l	1
05399	Carbon Tetrachloride	56-23-5	21.	1.	ug/l	1
05401	Benzene	71-43-2	21.	0.5	ug/l	1
05402	1,2-Dichloroethane	107-06-2	21.	1.	ug/l	1
05403	Trichloroethene	79-01-6	21.	1.	ug/l	1
05404	1,2-Dichloropropane	78-87-5	20.	1.	ug/l	1
05406	Bromodichloromethane	75-27-4	20.	1.	ug/l	1
05407	Toluene	108-88-3	21.	0.7	ug/l	1
05408	1,1,2-Trichloroethane	79-00-5	20.	0.8	ug/l	1
05409	Tetrachloroethene	127-18-4	20.	0.8	ug/l	1
05411	Dibromochloromethane	124-48-1	19.	1.	ug/l	1
05413	Chlorobenzene	108-90-7	21.	0.8	ug/l	1
05415	Ethylbenzene	100-41-4	21.	0.8	ug/l	1
05419	Bromoform	75-25-2	17.	1.	ug/l	1
05421	1,1,2,2-Tetrachloroethane	79-34-5	19.	1.	ug/l	1
06306	trans-1,3-Dichloropropene	10061-02-6	19.	1.	ug/l	1
06307	cis-1,3-Dichloropropene	10061-01-5	19.	1.	ug/l	1
06310	Xylene (Total)	1330-20-7	64.	0.8	ug/l	1
06371	8260 Special Cmpds for Waters					
05654	2-Chloroethyl Vinyl Ether	110-75-8	N.D.	2.	ug/l	1
	2-Chloroethyl vinyl ether is an acid labile compound and may not be recovered in an acid preserved sample.					
05655	Trichlorofluoromethane	75-69-4	21.	2.	ug/l	1
06304	1,2-Dichloroethene (Total)	540-59-0	41.	0.8	ug/l	1
08171	1,3-Dichlorobenzene	541-73-1	20.	1.	ug/l	1
08172	1,4-Dichlorobenzene	106-46-7	20.	1.	ug/l	1
08173	1,2-Dichlorobenzene	95-50-1	20.	1.	ug/l	1

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

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Laboratory Chronicle

Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 5223999

DC-2MSD-112807 Matrix Spike Dup Grab Water Sample
Beacon - NY

Collected:11/28/2007 09:30 by EA

Account Number: 11387

Submitted: 11/30/2007 09:15
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Discard: 02/24/2008

Chevron Environmental Mgmt.
4800 Fournace Place
Bellaire TX 77401

BCD02 SDG#: CBN48-04MSD

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
07055	Lead	SW-846 6010B	1	12/08/2007 18:42	John P Hook	1
04678	TCL SW846 Semivolatiles/Waters	SW-846 8270C	1	12/05/2007 00:24	Gregory J Drahovsky	1
06291	TCL by 8260 (water)	SW-846 8260B	1	12/04/2007 22:09	Sara E Wolf	1
06371	8260 Special Cmpds for Waters	SW-846 8260B	1	12/04/2007 22:09	Sara E Wolf	1
00813	BNA Water Extraction	SW-846 3510C	1	12/04/2007 06:00	Tracy L Schickel	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	12/04/2007 22:09	Sara E Wolf	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	12/03/2007 19:44	James L Mertz	1

0034

Analysis Report

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 5224000

DC-2-112807 Duplicate Grab Water Sample
Beacon - NY

Collected:11/28/2007 09:30 by EA

Account Number: 11387

Submitted: 11/30/2007 09:15
Reported: 12/10/2007 at 18:08
Discard: 02/24/2008

Chevron Environmental Mgmt.
4800 Fournace Place
Bellaire TX 77401

BCD02 SDG#: CBN48-04DUP
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CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
07055	Lead	7439-92-1	0.0140 J	0.0069	mg/l	1

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
07055	Lead	SW-846 6010B	1	12/08/2007 18:35	John P Hook	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	12/03/2007 19:44	James L Mertz	1

8835

Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 5224001

DC-1-112807 Grab Water Sample
Beacon - NY

Collected:11/28/2007 10:00 by EA

Account Number: 11387

Submitted: 11/30/2007 09:15
Reported: 12/10/2007 at 18:09
Discard: 02/24/2008

Chevron Environmental Mgmt.
4800 Fournace Place
Bellaire TX 77401

BCD01 SDG#: CBN48-05
I 5E w

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
07055	Lead	7439-92-1	0.0157	0.0069	mg/l	1
04678	TCL SW846 Semivolatiles/Waters					
03871	4-Chloroaniline	106-47-8	N.D.	1.	ug/l	1
03879	Dibenzofuran	132-64-9	N.D.	1.	ug/l	1
03905	2-Methylnaphthalene	91-57-6	N.D.	1.	ug/l	1
03907	2-Nitroaniline	88-74-4	N.D.	1.	ug/l	1
03908	3-Nitroaniline	99-09-2	N.D.	1.	ug/l	1
03909	4-Nitroaniline	100-01-6	N.D.	1.	ug/l	1
03922	2,4,5-Trichlorophenol	95-95-4	N.D.	1.	ug/l	1
03924	2-Chlorophenol	95-57-8	N.D.	1.	ug/l	1
03925	Phenol	108-95-2	N.D.	1.	ug/l	1
03926	2-Nitrophenol	88-75-5	N.D.	1.	ug/l	1
03927	2,4-Dimethylphenol	105-67-9	N.D.	3.	ug/l	1
03928	2,4-Dichlorophenol	120-83-2	N.D.	1.	ug/l	1
03929	4-Chloro-3-methylphenol	59-50-7	N.D.	1.	ug/l	1
03930	2,4,6-Trichlorophenol	88-06-2	N.D.	1.	ug/l	1
03931	2,4-Dinitrophenol	51-28-5	N.D.	22.	ug/l	1
03932	4-Nitrophenol	100-02-7	N.D.	11.	ug/l	1
03933	4,6-Dinitro-2-methylphenol	534-52-1	N.D.	5.	ug/l	1
03934	Pentachlorophenol	87-86-5	N.D.	3.	ug/l	1
03936	bis(2-Chloroethyl)ether	111-44-4	N.D.	1.	ug/l	1
03937	1,3-Dichlorobenzene	541-73-1	N.D.	1.	ug/l	1
03938	1,4-Dichlorobenzene	106-46-7	N.D.	1.	ug/l	1
03939	1,2-Dichlorobenzene	95-50-1	N.D.	1.	ug/l	1
03941	Hexachloroethane	67-72-1	N.D.	1.	ug/l	1
03942	N-Nitroso-di-n-propylamine	621-64-7	N.D.	1.	ug/l	1
03943	Nitrobenzene	98-95-3	N.D.	1.	ug/l	1
03944	Isophorone	78-59-1	N.D.	1.	ug/l	1
03945	bis(2-Chloroethoxy)methane	111-91-1	N.D.	1.	ug/l	1
03946	1,2,4-Trichlorobenzene	120-82-1	N.D.	1.	ug/l	1
03947	Naphthalene	91-20-3	N.D.	1.	ug/l	1
03948	Hexachlorobutadiene	87-68-3	N.D.	1.	ug/l	1
03949	Hexachlorocyclopentadiene	77-47-4	N.D.	5.	ug/l	1
03950	2-Chloronaphthalene	91-58-7	N.D.	2.	ug/l	1
03951	Acenaphthylene	208-96-8	N.D.	1.	ug/l	1
03952	Dimethylphthalate	131-11-3	N.D.	2.	ug/l	1
03953	2,6-Dinitrotoluene	606-20-2	N.D.	1.	ug/l	1
03954	Acenaphthene	83-32-9	N.D.	1.	ug/l	1

Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
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717-656-2300 Fax: 717-656-2681

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 5224001

DC-1-112807 Grab Water Sample
Beacon - NY

Collected:11/28/2007 10:00 by EA

Account Number: 11387

Submitted: 11/30/2007 09:15
Reported: 12/10/2007 at 18:09
Discard: 02/24/2008

Chevron Environmental Mgmt.
4800 Fournace Place
Bellaire TX 77401

BCD01 SDG#: CBN48-05

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
03955	2,4-Dinitrotoluene	121-14-2	N.D.	1.	ug/l	1
03956	Fluorene	86-73-7	N.D.	1.	ug/l	1
03957	4-Chlorophenyl-phenylether	7005-72-3	N.D.	2.	ug/l	1
03958	Diethylphthalate	84-66-2	N.D.	2.	ug/l	1
03960	N-Nitrosodiphenylamine	86-30-6	N.D.	2.	ug/l	1
	N-nitrosodiphenylamine decomposes in the GC inlet forming diphenylamine. The result reported for N-nitrosodiphenylamine represents the combined total of both compounds.					
03961	4-Bromophenyl-phenylether	101-55-3	N.D.	1.	ug/l	1
03962	Hexachlorobenzene	118-74-1	N.D.	1.	ug/l	1
03963	Phenanthrene	85-01-8	N.D.	1.	ug/l	1
03964	Anthracene	120-12-7	N.D.	1.	ug/l	1
03965	Di-n-butylphthalate	84-74-2	N.D.	2.	ug/l	1
03966	Fluoranthene	206-44-0	N.D.	1.	ug/l	1
03967	Pyrene	129-00-0	N.D.	1.	ug/l	1
03969	Butylbenzylphthalate	85-68-7	N.D.	2.	ug/l	1
03970	Benzo(a)anthracene	56-55-3	N.D.	1.	ug/l	1
03971	Chrysene	218-01-9	N.D.	1.	ug/l	1
03972	3,3'-Dichlorobenzidine	91-94-1	N.D.	2.	ug/l	1
03973	bis(2-Ethylhexyl)phthalate	117-81-7	N.D.	2.	ug/l	1
03974	Di-n-octylphthalate	117-84-0	N.D.	2.	ug/l	1
03975	Benzo(b)fluoranthene	205-99-2	N.D.	1.	ug/l	1
03976	Benzo(k)fluoranthene	207-08-9	N.D.	1.	ug/l	1
03977	Benzo(a)pyrene	50-32-8	N.D.	1.	ug/l	1
03978	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	1.	ug/l	1
03979	Dibenz(a,h)anthracene	53-70-3	N.D.	1.	ug/l	1
03980	Benzo(g,h,i)perylene	191-24-2	N.D.	1.	ug/l	1
04680	2-Methylphenol	95-48-7	N.D.	1.	ug/l	1
04681	2,2'-oxybis(1-Chloropropane)	108-60-1	N.D.	1.	ug/l	1
04682	4-Methylphenol	106-44-5	N.D.	2.	ug/l	1
	3-Methylphenol and 4-methylphenol cannot be resolved under the chromatographic conditions used for sample analysis. The result reported for 4-methylphenol represents the combined total of both compounds.					
04684	Carbazole	86-74-8	N.D.	1.	ug/l	1
06291	TCL by 8260 (water)					
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	ug/l	1
05385	Chloromethane	74-87-3	N.D.	1.	ug/l	1
05386	Vinyl Chloride	75-01-4	N.D.	1.	ug/l	1
05387	Bromomethane	74-83-9	N.D.	1.	ug/l	1
05388	Chloroethane	75-00-3	N.D.	1.	ug/l	1
05390	1,1-Dichloroethene	75-35-4	N.D.	0.8	ug/l	1

0037

Lancaster Laboratories, Inc.
2425 New Holland Pike
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Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 5224001

DC-1-112807 Grab Water Sample
Beacon - NY

Collected:11/28/2007 10:00 by EA

Account Number: 11387

Submitted: 11/30/2007 09:15
Reported: 12/10/2007 at 18:09
Discard: 02/24/2008

Chevron Environmental Mgmt.
4800 Fournace Place
Bellaire TX 77401

BCD01 SDG#: CBN48-05

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
05391	Methylene Chloride	75-09-2	N.D.	2.	ug/l	1
05393	1,1-Dichloroethane	75-34-3	N.D.	1.	ug/l	1
05396	Chloroform	67-66-3	N.D.	0.8	ug/l	1
05398	1,1,1-Trichloroethane	71-55-6	N.D.	0.8	ug/l	1
05399	Carbon Tetrachloride	56-23-5	N.D.	1.	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	1.	ug/l	1
05403	Trichloroethene	79-01-6	11.	1.	ug/l	1
05404	1,2-Dichloropropane	78-87-5	N.D.	1.	ug/l	1
05406	Bromodichloromethane	75-27-4	N.D.	1.	ug/l	1
05407	Toluene	108-88-3	N.D.	0.7	ug/l	1
05408	1,1,2-Trichloroethane	79-00-5	N.D.	0.8	ug/l	1
05409	Tetrachloroethene	127-18-4	N.D.	0.8	ug/l	1
05411	Dibromochloromethane	124-48-1	N.D.	1.	ug/l	1
05413	Chlorobenzene	108-90-7	N.D.	0.8	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.8	ug/l	1
05419	Bromoform	75-25-2	N.D.	1.	ug/l	1
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.	ug/l	1
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.	ug/l	1
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.8	ug/l	1
06371	8260 Special Cmpds for Waters					
05654	2-Chloroethyl Vinyl Ether	110-75-8	N.D.	2.	ug/l	1
	2-Chloroethyl vinyl ether is an acid labile compound and may not be recovered in an acid preserved sample.					
05655	Trichlorofluoromethane	75-69-4	N.D.	2.	ug/l	1
06304	1,2-Dichloroethene (Total)	540-59-0	7.	0.8	ug/l	1
08171	1,3-Dichlorobenzene	541-73-1	N.D.	1.	ug/l	1
08172	1,4-Dichlorobenzene	106-46-7	N.D.	1.	ug/l	1
08173	1,2-Dichlorobenzene	95-50-1	N.D.	1.	ug/l	1

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

0038

Laboratory Chronicle

Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 5224001

DC-1-112807 Grab Water Sample
Beacon - NY

Collected:11/28/2007 10:00 by EA

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Chevron Environmental Mgmt.
4800 Fournace Place
Bellaire TX 77401

BCD01 SDG#: CBN48-05

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
07055	Lead	SW-846 6010B	1	12/08/2007 19:06	John P Hook	1
04678	TCL SW846 Semivolatiles/Waters	SW-846 8270C	1	12/05/2007 02:27	Gregory J Drahovsky	1
06291	TCL by 8260 (water)	SW-846 8260B	1	12/04/2007 22:32	Sara E Wolf	1
06371	8260 Special Cmpds for Waters	SW-846 8260B	1	12/04/2007 22:32	Sara E Wolf	1
00813	BNA Water Extraction	SW-846 3510C	1	12/04/2007 06:00	Tracy L Schickel	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	12/04/2007 22:32	Sara E Wolf	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	12/03/2007 19:44	James L Mertz	1

0839

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 5224002

DB-8A-112807 Grab Water Sample
Beacon - NY

Collected:11/28/2007 10:30 by EA

Account Number: 11387

Submitted: 11/30/2007 09:15
Reported: 12/10/2007 at 18:09
Discard: 02/24/2008

Chevron Environmental Mgmt.
4800 Fournace Place
Bellaire TX 77401

BCD08 SDG#: CBN48-06
I 5E w

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
07055	Lead	7439-92-1	0.0095 J	0.0069	mg/l	1
04678	TCL SW846 Semivolatiles/Waters					
03871	4-Chloroaniline	106-47-8	N.D.	1.	ug/l	1
03879	Dibenzofuran	132-64-9	N.D.	1.	ug/l	1
03905	2-Methylnaphthalene	91-57-6	N.D.	1.	ug/l	1
03907	2-Nitroaniline	88-74-4	N.D.	1.	ug/l	1
03908	3-Nitroaniline	99-09-2	N.D.	1.	ug/l	1
03909	4-Nitroaniline	100-01-6	N.D.	1.	ug/l	1
03922	2,4,5-Trichlorophenol	95-95-4	N.D.	1.	ug/l	1
03924	2-Chlorophenol	95-57-8	N.D.	1.	ug/l	1
03925	Phenol	108-95-2	N.D.	1.	ug/l	1
03926	2-Nitrophenol	88-75-5	N.D.	1.	ug/l	1
03927	2,4-Dimethylphenol	105-67-9	N.D.	3.	ug/l	1
03928	2,4-Dichlorophenol	120-83-2	N.D.	1.	ug/l	1
03929	4-Chloro-3-methylphenol	59-50-7	N.D.	1.	ug/l	1
03930	2,4,6-Trichlorophenol	88-06-2	N.D.	1.	ug/l	1
03931	2,4-Dinitrophenol	51-28-5	N.D.	19.	ug/l	1
03932	4-Nitrophenol	100-02-7	N.D.	10.	ug/l	1
03933	4,6-Dinitro-2-methylphenol	534-52-1	N.D.	5.	ug/l	1
03934	Pentachlorophenol	87-86-5	N.D.	3.	ug/l	1
03936	bis(2-Chloroethyl)ether	111-44-4	N.D.	1.	ug/l	1
03937	1,3-Dichlorobenzene	541-73-1	N.D.	1.	ug/l	1
03938	1,4-Dichlorobenzene	106-46-7	N.D.	1.	ug/l	1
03939	1,2-Dichlorobenzene	95-50-1	N.D.	1.	ug/l	1
03941	Hexachloroethane	67-72-1	N.D.	1.	ug/l	1
03942	N-Nitroso-di-n-propylamine	621-64-7	N.D.	1.	ug/l	1
03943	Nitrobenzene	98-95-3	N.D.	1.	ug/l	1
03944	Isophorone	78-59-1	N.D.	1.	ug/l	1
03945	bis(2-Chloroethoxy)methane	111-91-1	N.D.	1.	ug/l	1
03946	1,2,4-Trichlorobenzene	120-82-1	N.D.	1.	ug/l	1
03947	Naphthalene	91-20-3	N.D.	1.	ug/l	1
03948	Hexachlorobutadiene	87-68-3	4. J	1.	ug/l	1
03949	Hexachlorocyclopentadiene	77-47-4	N.D.	5.	ug/l	1
03950	2-Chloronaphthalene	91-58-7	N.D.	2.	ug/l	1
03951	Acenaphthylene	208-96-8	N.D.	1.	ug/l	1
03952	Dimethylphthalate	131-11-3	N.D.	2.	ug/l	1
03953	2,6-Dinitrotoluene	606-20-2	N.D.	1.	ug/l	1
03954	Acenaphthene	83-32-9	N.D.	1.	ug/l	1

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Lancaster Laboratories, Inc.
2425 New Holland Pike
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Lancaster Laboratories

Lancaster Laboratories Sample No. WW 5224002

DB-8A-112807 Grab Water Sample
Beacon - NY

Collected:11/28/2007 10:30 by EA

Account Number: 11387

Submitted: 11/30/2007 09:15
Reported: 12/10/2007 at 18:09
Discard: 02/24/2008

Chevron Environmental Mgmt.
4800 Fournace Place
Bellaire TX 77401

BCD08 SDG#: CBN48-06

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
03955	2,4-Dinitrotoluene	121-14-2	N.D.	1.	ug/l	1
03956	Fluorene	86-73-7	N.D.	1.	ug/l	1
03957	4-Chlorophenyl-phenylether	7005-72-3	N.D.	2.	ug/l	1
03958	Diethylphthalate	84-66-2	N.D.	2.	ug/l	1
03960	N-Nitrosodiphenylamine	86-30-6	N.D.	2.	ug/l	1
	N-nitrosodiphenylamine decomposes in the GC inlet forming diphenylamine. The result reported for N-nitrosodiphenylamine represents the combined total of both compounds.					
03961	4-Bromophenyl-phenylether	101-55-3	N.D.	1.	ug/l	1
03962	Hexachlorobenzene	118-74-1	N.D.	1.	ug/l	1
03963	Phenanthrene	85-01-8	N.D.	1.	ug/l	1
03964	Anthracene	120-12-7	N.D.	1.	ug/l	1
03965	Di-n-butylphthalate	84-74-2	N.D.	2.	ug/l	1
03966	Fluoranthene	206-44-0	N.D.	1.	ug/l	1
03967	Pyrene	129-00-0	N.D.	1.	ug/l	1
03969	Butylbenzylphthalate	85-68-7	N.D.	2.	ug/l	1
03970	Benzo(a)anthracene	56-55-3	N.D.	1.	ug/l	1
03971	Chrysene	218-01-9	N.D.	1.	ug/l	1
03972	3,3'-Dichlorobenzidine	91-94-1	N.D.	2.	ug/l	1
03973	bis(2-Ethylhexyl)phthalate	117-81-7	N.D.	2.	ug/l	1
03974	Di-n-octylphthalate	117-84-0	N.D.	2.	ug/l	1
03975	Benzo(b)fluoranthene	205-99-2	N.D.	1.	ug/l	1
03976	Benzo(k)fluoranthene	207-08-9	N.D.	1.	ug/l	1
03977	Benzo(a)pyrene	50-32-8	N.D.	1.	ug/l	1
03978	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	1.	ug/l	1
03979	Dibenz(a,h)anthracene	53-70-3	N.D.	1.	ug/l	1
03980	Benzo(g,h,i)perylene	191-24-2	N.D.	1.	ug/l	1
04680	2-Methylphenol	95-48-7	N.D.	1.	ug/l	1
04681	2,2'-oxybis(1-Chloropropane)	108-60-1	N.D.	1.	ug/l	1
04682	4-Methylphenol	106-44-5	N.D.	2.	ug/l	1
	3-Methylphenol and 4-methylphenol cannot be resolved under the chromatographic conditions used for sample analysis. The result reported for 4-methylphenol represents the combined total of both compounds.					
04684	Carbazole	86-74-8	N.D.	1.	ug/l	1
06291	TCL by 8260 (water)					
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	ug/l	1
05385	Chloromethane	74-87-3	N.D.	1.	ug/l	1
05386	Vinyl Chloride	75-01-4	N.D.	1.	ug/l	1
05387	Bromomethane	74-83-9	N.D.	1.	ug/l	1
05388	Chloroethane	75-00-3	N.D.	1.	ug/l	1
05390	1,1-Dichloroethene	75-35-4	N.D.	0.8	ug/l	1

8241

Lancaster Laboratories, Inc.
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Lancaster, PA 17605-2425
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Lancaster Laboratories

Lancaster Laboratories Sample No. WW 5224002

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Discard: 02/24/2008

Chevron Environmental Mgmt.
4800 Fournace Place
Bellaire TX 77401

BCD08 SDG#: CBN48-06

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
05391	Methylene Chloride	75-09-2	N.D.	2.	ug/l	1
05393	1,1-Dichloroethane	75-34-3	N.D.	1.	ug/l	1
05396	Chloroform	67-66-3	2. J	0.8	ug/l	1
05398	1,1,1-Trichloroethane	71-55-6	N.D.	0.8	ug/l	1
05399	Carbon Tetrachloride	56-23-5	N.D.	1.	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	1.	ug/l	1
05403	Trichloroethene	79-01-6	6.	1.	ug/l	1
05404	1,2-Dichloropropane	78-87-5	N.D.	1.	ug/l	1
05406	Bromodichloromethane	75-27-4	N.D.	1.	ug/l	1
05407	Toluene	108-88-3	N.D.	0.7	ug/l	1
05408	1,1,2-Trichloroethane	79-00-5	N.D.	0.8	ug/l	1
05409	Tetrachloroethene	127-18-4	N.D.	0.8	ug/l	1
05411	Dibromochloromethane	124-48-1	N.D.	1.	ug/l	1
05413	Chlorobenzene	108-90-7	N.D.	0.8	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.8	ug/l	1
05419	Bromoform	75-25-2	N.D.	1.	ug/l	1
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.	ug/l	1
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.	ug/l	1
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.8	ug/l	1
06371	8260 Special Cmpds for Waters					
05654	2-Chloroethyl Vinyl Ether	110-75-8	N.D.	2.	ug/l	1
	2-Chloroethyl vinyl ether is an acid labile compound and may not be recovered in an acid preserved sample.					
05655	Trichlorofluoromethane	75-69-4	N.D.	2.	ug/l	1
06304	1,2-Dichloroethene (Total)	540-59-0	N.D.	0.8	ug/l	1
08171	1,3-Dichlorobenzene	541-73-1	N.D.	1.	ug/l	1
08172	1,4-Dichlorobenzene	106-46-7	N.D.	1.	ug/l	1
08173	1,2-Dichlorobenzene	95-50-1	N.D.	1.	ug/l	1

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

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Laboratory Chronicle

Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 5224002

DB-8A-112807 Grab Water Sample
Beacon - NY

Collected:11/28/2007 10:30 by EA

Account Number: 11387

Submitted: 11/30/2007 09:15
Reported: 12/10/2007 at 18:09
Discard: 02/24/2008

Chevron Environmental Mgmt.
4800 Fournace Place
Bellaire TX 77401

BCD08 SDG#: CBN48-06

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
07055	Lead	SW-846 6010B	1	12/08/2007 19:10	John P Hook	1
04678	TCL SW846 Semivolatiles/Waters	SW-846 8270C	1	12/05/2007 02:52	Gregory J Drahovsky	1
06291	TCL by 8260 (water)	SW-846 8260B	1	12/04/2007 22:54	Sara E Wolf	1
06371	8260 Special Cmpds for Waters	SW-846 8260B	1	12/04/2007 22:54	Sara E Wolf	1
00813	BNA Water Extraction	SW-846 3510C	1	12/04/2007 06:00	Tracy L Schickel	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	12/04/2007 22:54	Sara E Wolf	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	12/03/2007 19:44	James L Mertz	1

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Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 5224003

OR-2-112907 Grab Water Sample
Beacon - NY

Collected:11/29/2007 10:40 by EA

Account Number: 11387

Submitted: 11/30/2007 09:15
Reported: 12/10/2007 at 18:09
Discard: 02/24/2008

Chevron Environmental Mgmt.
4800 Fournace Place
Bellaire TX 77401

BCOR2 SDG#: CBN48-07
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CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
07055	Lead	7439-92-1	N.D.	0.0069	mg/l	1
04678	TCL SW846 Semivolatiles/Waters					
03871	4-Chloroaniline	106-47-8	N.D.	1.	ug/l	1
03879	Dibenzofuran	132-64-9	N.D.	1.	ug/l	1
03905	2-Methylnaphthalene	91-57-6	N.D.	1.	ug/l	1
03907	2-Nitroaniline	88-74-4	N.D.	1.	ug/l	1
03908	3-Nitroaniline	99-09-2	N.D.	1.	ug/l	1
03909	4-Nitroaniline	100-01-6	N.D.	1.	ug/l	1
03922	2,4,5-Trichlorophenol	95-95-4	N.D.	1.	ug/l	1
03924	2-Chlorophenol	95-57-8	N.D.	1.	ug/l	1
03925	Phenol	108-95-2	N.D.	1.	ug/l	1
03926	2-Nitrophenol	88-75-5	N.D.	1.	ug/l	1
03927	2,4-Dimethylphenol	105-67-9	N.D.	3.	ug/l	1
03928	2,4-Dichlorophenol	120-83-2	N.D.	1.	ug/l	1
03929	4-Chloro-3-methylphenol	59-50-7	N.D.	1.	ug/l	1
03930	2,4,6-Trichlorophenol	88-06-2	N.D.	1.	ug/l	1
03931	2,4-Dinitrophenol	51-28-5	N.D.	20.	ug/l	1
03932	4-Nitrophenol	100-02-7	N.D.	10.	ug/l	1
03933	4,6-Dinitro-2-methylphenol	534-52-1	N.D.	5.	ug/l	1
03934	Pentachlorophenol	87-86-5	N.D.	3.	ug/l	1
03936	bis(2-Chloroethyl)ether	111-44-4	N.D.	1.	ug/l	1
03937	1,3-Dichlorobenzene	541-73-1	N.D.	1.	ug/l	1
03938	1,4-Dichlorobenzene	106-46-7	N.D.	1.	ug/l	1
03939	1,2-Dichlorobenzene	95-50-1	N.D.	1.	ug/l	1
03941	Hexachloroethane	67-72-1	N.D.	1.	ug/l	1
03942	N-Nitroso-di-n-propylamine	621-64-7	N.D.	1.	ug/l	1
03943	Nitrobenzene	98-95-3	N.D.	1.	ug/l	1
03944	Isophorone	78-59-1	N.D.	1.	ug/l	1
03945	bis(2-Chloroethoxy)methane	111-91-1	N.D.	1.	ug/l	1
03946	1,2,4-Trichlorobenzene	120-82-1	N.D.	1.	ug/l	1
03947	Naphthalene	91-20-3	N.D.	1.	ug/l	1
03948	Hexachlorobutadiene	87-68-3	N.D.	1.	ug/l	1
03949	Hexachlorocyclopentadiene	77-47-4	N.D.	5.	ug/l	1
03950	2-Chloronaphthalene	91-58-7	N.D.	2.	ug/l	1
03951	Acenaphthylene	208-96-8	N.D.	1.	ug/l	1
03952	Dimethylphthalate	131-11-3	N.D.	2.	ug/l	1
03953	2,6-Dinitrotoluene	606-20-2	N.D.	1.	ug/l	1
03954	Acenaphthene	83-32-9	N.D.	1.	ug/l	1

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Lancaster Laboratories

Lancaster Laboratories Sample No. WW 5224003

OR-2-112907 Grab Water Sample
Beacon - NY

Collected:11/29/2007 10:40 by EA

Account Number: 11387

Submitted: 11/30/2007 09:15
Reported: 12/10/2007 at 18:09
Discard: 02/24/2008

Chevron Environmental Mgmt.
4800 Fournace Place
Bellaire TX 77401

BCOR2 SDG#: CBN48-07

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
03955	2,4-Dinitrotoluene	121-14-2	N.D.	1.	ug/l	1
03956	Fluorene	86-73-7	N.D.	1.	ug/l	1
03957	4-Chlorophenyl-phenylether	7005-72-3	N.D.	2.	ug/l	1
03958	Diethylphthalate	84-66-2	N.D.	2.	ug/l	1
03960	N-Nitrosodiphenylamine	86-30-6	N.D.	2.	ug/l	1
	N-nitrosodiphenylamine decomposes in the GC inlet forming diphenylamine. The result reported for N-nitrosodiphenylamine represents the combined total of both compounds.					
03961	4-Bromophenyl-phenylether	101-55-3	N.D.	1.	ug/l	1
03962	Hexachlorobenzene	118-74-1	N.D.	1.	ug/l	1
03963	Phenanthrene	85-01-8	N.D.	1.	ug/l	1
03964	Anthracene	120-12-7	N.D.	1.	ug/l	1
03965	Di-n-butylphthalate	84-74-2	N.D.	2.	ug/l	1
03966	Fluoranthene	206-44-0	N.D.	1.	ug/l	1
03967	Pyrene	129-00-0	N.D.	1.	ug/l	1
03969	Butylbenzylphthalate	85-68-7	N.D.	2.	ug/l	1
03970	Benzo(a)anthracene	56-55-3	N.D.	1.	ug/l	1
03971	Chrysene	218-01-9	N.D.	1.	ug/l	1
03972	3,3'-Dichlorobenzidine	91-94-1	N.D.	2.	ug/l	1
03973	bis(2-Ethylhexyl)phthalate	117-81-7	N.D.	2.	ug/l	1
03974	Di-n-octylphthalate	117-84-0	N.D.	2.	ug/l	1
03975	Benzo(b)fluoranthene	205-99-2	N.D.	1.	ug/l	1
03976	Benzo(k)fluoranthene	207-08-9	N.D.	1.	ug/l	1
03977	Benzo(a)pyrene	50-32-8	N.D.	1.	ug/l	1
03978	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	1.	ug/l	1
03979	Dibenz(a,h)anthracene	53-70-3	N.D.	1.	ug/l	1
03980	Benzo(g,h,i)perylene	191-24-2	N.D.	1.	ug/l	1
04680	2-Methylphenol	95-48-7	N.D.	1.	ug/l	1
04681	2,2'-oxybis(1-Chloropropane)	108-60-1	N.D.	1.	ug/l	1
04682	4-Methylphenol	106-44-5	N.D.	2.	ug/l	1
	3-Methylphenol and 4-methylphenol cannot be resolved under the chromatographic conditions used for sample analysis. The result reported for 4-methylphenol represents the combined total of both compounds.					
04684	Carbazole	86-74-8	N.D.	1.	ug/l	1
06291	TCL by 8260 (water)					
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	ug/l	1
05385	Chloromethane	74-87-3	N.D.	1.	ug/l	1
05386	Vinyl Chloride	75-01-4	N.D.	1.	ug/l	1
05387	Bromomethane	74-83-9	N.D.	1.	ug/l	1
05388	Chloroethane	75-00-3	N.D.	1.	ug/l	1
05390	1,1-Dichloroethene	75-35-4	N.D.	0.8	ug/l	1

8645

Lancaster Laboratories, Inc.
2425 New Holland Pike
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Lancaster Laboratories

Lancaster Laboratories Sample No. WW 5224003

OR-2-112907 Grab Water Sample
Beacon - NY

Collected:11/29/2007 10:40 by EA

Account Number: 11387

Submitted: 11/30/2007 09:15
Reported: 12/10/2007 at 18:09
Discard: 02/24/2008

Chevron Environmental Mgmt.
4800 Fournace Place
Bellaire TX 77401

BCOR2 SDG#: CBN48-07

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
05391	Methylene Chloride	75-09-2	N.D.	2.	ug/l	1
05393	1,1-Dichloroethane	75-34-3	N.D.	1.	ug/l	1
05396	Chloroform	67-66-3	N.D.	0.8	ug/l	1
05398	1,1,1-Trichloroethane	71-55-6	N.D.	0.8	ug/l	1
05399	Carbon Tetrachloride	56-23-5	N.D.	1.	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	1.	ug/l	1
05403	Trichloroethene	79-01-6	N.D.	1.	ug/l	1
05404	1,2-Dichloropropane	78-87-5	N.D.	1.	ug/l	1
05406	Bromodichloromethane	75-27-4	N.D.	1.	ug/l	1
05407	Toluene	108-88-3	N.D.	0.7	ug/l	1
05408	1,1,2-Trichloroethane	79-00-5	N.D.	0.8	ug/l	1
05409	Tetrachloroethene	127-18-4	N.D.	0.8	ug/l	1
05411	Dibromochloromethane	124-48-1	N.D.	1.	ug/l	1
05413	Chlorobenzene	108-90-7	N.D.	0.8	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.8	ug/l	1
05419	Bromoform	75-25-2	N.D.	1.	ug/l	1
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.	ug/l	1
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.	ug/l	1
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.8	ug/l	1
06371	8260 Special Cmpds for Waters					
05654	2-Chloroethyl Vinyl Ether	110-75-8	N.D.	2.	ug/l	1
	2-Chloroethyl vinyl ether is an acid labile compound and may not be recovered in an acid preserved sample.					
05655	Trichlorofluoromethane	75-69-4	N.D.	2.	ug/l	1
06304	1,2-Dichloroethene (Total)	540-59-0	N.D.	0.8	ug/l	1
08171	1,3-Dichlorobenzene	541-73-1	N.D.	1.	ug/l	1
08172	1,4-Dichlorobenzene	106-46-7	N.D.	1.	ug/l	1
08173	1,2-Dichlorobenzene	95-50-1	N.D.	1.	ug/l	1

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

8946

Laboratory Chronicle

Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 5224003

OR-2-112907 Grab Water Sample
Beacon - NY

Collected:11/29/2007 10:40 by EA

Account Number: 11387

Submitted: 11/30/2007 09:15
Reported: 12/10/2007 at 18:09
Discard: 02/24/2008

Chevron Environmental Mgmt.
4800 Fournace Place
Bellaire TX 77401

BCOR2 SDG#: CBN48-07

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
07055	Lead	SW-846 6010B	1	12/08/2007 19:13	John P Hook	1
04678	TCL SW846 Semivolatiles/Waters	SW-846 8270C	1	12/05/2007 03:16	Gregory J Drahovsky	1
06291	TCL by 8260 (water)	SW-846 8260B	1	12/04/2007 23:16	Sara E Wolf	1
06371	8260 Special Cmpds for Waters	SW-846 8260B	1	12/04/2007 23:16	Sara E Wolf	1
00813	BNA Water Extraction	SW-846 3510C	1	12/04/2007 06:00	Tracy L Schickel	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	12/04/2007 23:16	Sara E Wolf	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	12/03/2007 19:44	James L Mertz	1

9947

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 5224004

OS-2-112907 Grab Water Sample
Beacon - NY

Collected:11/29/2007 10:30 by EA

Account Number: 11387

Submitted: 11/30/2007 09:15
Reported: 12/10/2007 at 18:09
Discard: 02/24/2008

Chevron Environmental Mgmt.
4800 Fournace Place
Bellaire TX 77401

BCOS2 SDG#: CBN48-08
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CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
07055	Lead	7439-92-1	N.D.	0.0069	mg/l	1
04678	TCL SW846 Semivolatiles/Waters					
03871	4-Chloroaniline	106-47-8	N.D.	1.	ug/l	1
03879	Dibenzofuran	132-64-9	N.D.	1.	ug/l	1
03905	2-Methylnaphthalene	91-57-6	N.D.	1.	ug/l	1
03907	2-Nitroaniline	88-74-4	N.D.	1.	ug/l	1
03908	3-Nitroaniline	99-09-2	N.D.	1.	ug/l	1
03909	4-Nitroaniline	100-01-6	N.D.	1.	ug/l	1
03922	2,4,5-Trichlorophenol	95-95-4	N.D.	1.	ug/l	1
03924	2-Chlorophenol	95-57-8	N.D.	1.	ug/l	1
03925	Phenol	108-95-2	N.D.	1.	ug/l	1
03926	2-Nitrophenol	88-75-5	N.D.	1.	ug/l	1
03927	2,4-Dimethylphenol	105-67-9	N.D.	3.	ug/l	1
03928	2,4-Dichlorophenol	120-83-2	N.D.	1.	ug/l	1
03929	4-Chloro-3-methylphenol	59-50-7	N.D.	1.	ug/l	1
03930	2,4,6-Trichlorophenol	88-06-2	N.D.	1.	ug/l	1
03931	2,4-Dinitrophenol	51-28-5	N.D.	20.	ug/l	1
03932	4-Nitrophenol	100-02-7	N.D.	10.	ug/l	1
03933	4,6-Dinitro-2-methylphenol	534-52-1	N.D.	5.	ug/l	1
03934	Pentachlorophenol	87-86-5	N.D.	3.	ug/l	1
03936	bis(2-Chloroethyl)ether	111-44-4	N.D.	1.	ug/l	1
03937	1,3-Dichlorobenzene	541-73-1	N.D.	1.	ug/l	1
03938	1,4-Dichlorobenzene	106-46-7	N.D.	1.	ug/l	1
03939	1,2-Dichlorobenzene	95-50-1	N.D.	1.	ug/l	1
03941	Hexachloroethane	67-72-1	N.D.	1.	ug/l	1
03942	N-Nitroso-di-n-propylamine	621-64-7	N.D.	1.	ug/l	1
03943	Nitrobenzene	98-95-3	N.D.	1.	ug/l	1
03944	Isophorone	78-59-1	N.D.	1.	ug/l	1
03945	bis(2-Chloroethoxy)methane	111-91-1	N.D.	1.	ug/l	1
03946	1,2,4-Trichlorobenzene	120-82-1	N.D.	1.	ug/l	1
03947	Naphthalene	91-20-3	N.D.	1.	ug/l	1
03948	Hexachlorobutadiene	87-68-3	N.D.	1.	ug/l	1
03949	Hexachlorocyclopentadiene	77-47-4	N.D.	5.	ug/l	1
03950	2-Chloronaphthalene	91-58-7	N.D.	2.	ug/l	1
03951	Acenaphthylene	208-96-8	N.D.	1.	ug/l	1
03952	Dimethylphthalate	131-11-3	N.D.	2.	ug/l	1
03953	2,6-Dinitrotoluene	606-20-2	N.D.	1.	ug/l	1
03954	Acenaphthene	83-32-9	N.D.	1.	ug/l	1

0848

Lancaster Laboratories, Inc.
2425 New Holland Pike
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717-656-2300 Fax: 717-656-2681

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 5224004

OS-2-112907 Grab Water Sample
Beacon - NY

Collected:11/29/2007 10:30 by EA

Account Number: 11387

Submitted: 11/30/2007 09:15
Reported: 12/10/2007 at 18:09
Discard: 02/24/2008

Chevron Environmental Mgmt.
4800 Fournace Place
Bellaire TX 77401

BCOS2 SDG#: CBN48-08

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
03955	2,4-Dinitrotoluene	121-14-2	N.D.	1.	ug/l	1
03956	Fluorene	86-73-7	N.D.	1.	ug/l	1
03957	4-Chlorophenyl-phenylether	7005-72-3	N.D.	2.	ug/l	1
03958	Diethylphthalate	84-66-2	N.D.	2.	ug/l	1
03960	N-Nitrosodiphenylamine	86-30-6	N.D.	2.	ug/l	1
	N-nitrosodiphenylamine decomposes in the GC inlet forming diphenylamine. The result reported for N-nitrosodiphenylamine represents the combined total of both compounds.					
03961	4-Bromophenyl-phenylether	101-55-3	N.D.	1.	ug/l	1
03962	Hexachlorobenzene	118-74-1	N.D.	1.	ug/l	1
03963	Phenanthrene	85-01-8	N.D.	1.	ug/l	1
03964	Anthracene	120-12-7	N.D.	1.	ug/l	1
03965	Di-n-butylphthalate	84-74-2	N.D.	2.	ug/l	1
03966	Fluoranthene	206-44-0	N.D.	1.	ug/l	1
03967	Pyrene	129-00-0	N.D.	1.	ug/l	1
03969	Butylbenzylphthalate	85-68-7	N.D.	2.	ug/l	1
03970	Benzo(a)anthracene	56-55-3	N.D.	1.	ug/l	1
03971	Chrysene	218-01-9	N.D.	1.	ug/l	1
03972	3,3'-Dichlorobenzidine	91-94-1	N.D.	2.	ug/l	1
03973	bis(2-Ethylhexyl)phthalate	117-81-7	N.D.	2.	ug/l	1
03974	Di-n-octylphthalate	117-84-0	N.D.	2.	ug/l	1
03975	Benzo(b)fluoranthene	205-99-2	N.D.	1.	ug/l	1
03976	Benzo(k)fluoranthene	207-08-9	N.D.	1.	ug/l	1
03977	Benzo(a)pyrene	50-32-8	N.D.	1.	ug/l	1
03978	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	1.	ug/l	1
03979	Dibenz(a,h)anthracene	53-70-3	N.D.	1.	ug/l	1
03980	Benzo(g,h,i)perylene	191-24-2	N.D.	1.	ug/l	1
04680	2-Methylphenol	95-48-7	N.D.	1.	ug/l	1
04681	2,2'-oxybis(1-Chloropropane)	108-60-1	N.D.	1.	ug/l	1
04682	4-Methylphenol	106-44-5	N.D.	2.	ug/l	1
	3-Methylphenol and 4-methylphenol cannot be resolved under the chromatographic conditions used for sample analysis. The result reported for 4-methylphenol represents the combined total of both compounds.					
04684	Carbazole	86-74-8	N.D.	1.	ug/l	1
06291	TCL by 8260 (water)					
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	ug/l	1
05385	Chloromethane	74-87-3	N.D.	1.	ug/l	1
05386	Vinyl Chloride	75-01-4	N.D.	1.	ug/l	1
05387	Bromomethane	74-83-9	N.D.	1.	ug/l	1
05388	Chloroethane	75-00-3	N.D.	1.	ug/l	1
05390	1,1-Dichloroethene	75-35-4	N.D.	0.8	ug/l	1

0249

Lancaster Laboratories, Inc.
2425 New Holland Pike
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Lancaster, PA 17605-2425
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Lancaster Laboratories

Lancaster Laboratories Sample No. WW 5224004

OS-2-112907 Grab Water Sample
Beacon - NY

Collected:11/29/2007 10:30 by EA

Account Number: 11387

Submitted: 11/30/2007 09:15
Reported: 12/10/2007 at 18:09
Discard: 02/24/2008

Chevron Environmental Mgmt.
4800 Fournace Place
Bellaire TX 77401

BCOS2 SDG#: CBN48-08

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
05391	Methylene Chloride	75-09-2	N.D.	2.	ug/l	1
05393	1,1-Dichloroethane	75-34-3	N.D.	1.	ug/l	1
05396	Chloroform	67-66-3	N.D.	0.8	ug/l	1
05398	1,1,1-Trichloroethane	71-55-6	N.D.	0.8	ug/l	1
05399	Carbon Tetrachloride	56-23-5	N.D.	1.	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	1.	ug/l	1
05403	Trichloroethene	79-01-6	N.D.	1.	ug/l	1
05404	1,2-Dichloropropane	78-87-5	N.D.	1.	ug/l	1
05406	Bromodichloromethane	75-27-4	N.D.	1.	ug/l	1
05407	Toluene	108-88-3	N.D.	0.7	ug/l	1
05408	1,1,2-Trichloroethane	79-00-5	N.D.	0.8	ug/l	1
05409	Tetrachloroethene	127-18-4	N.D.	0.8	ug/l	1
05411	Dibromochloromethane	124-48-1	N.D.	1.	ug/l	1
05413	Chlorobenzene	108-90-7	N.D.	0.8	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.8	ug/l	1
05419	Bromoform	75-25-2	N.D.	1.	ug/l	1
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.	ug/l	1
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.	ug/l	1
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.8	ug/l	1
06371	8260 Special Cmpds for Waters					
05654	2-Chloroethyl Vinyl Ether	110-75-8	N.D.	2.	ug/l	1
	2-Chloroethyl vinyl ether is an acid labile compound and may not be recovered in an acid preserved sample.					
05655	Trichlorofluoromethane	75-69-4	N.D.	2.	ug/l	1
06304	1,2-Dichloroethene (Total)	540-59-0	N.D.	0.8	ug/l	1
06417	Xylene (Total)	1330-20-7	N.D.	0.8	ug/l	1
08171	1,3-Dichlorobenzene	541-73-1	N.D.	1.	ug/l	1
08172	1,4-Dichlorobenzene	106-46-7	N.D.	1.	ug/l	1
08173	1,2-Dichlorobenzene	95-50-1	N.D.	1.	ug/l	1

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

0050

Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 5224004

OS-2-112907 Grab Water Sample
Beacon - NY

Collected:11/29/2007 10:30 by EA

Account Number: 11387

Submitted: 11/30/2007 09:15
Reported: 12/10/2007 at 18:09
Discard: 02/24/2008

Chevron Environmental Mgmt.
4800 Fournace Place
Bellaire TX 77401

BCOS2 SDG#: CBN48-08

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
07055	Lead	SW-846 6010B	1	12/08/2007 19:16	John P Hook	1
04678	TCL SW846 Semivolatiles/Waters	SW-846 8270C	1	12/05/2007 03:41	Gregory J Drahovsky	1
06291	TCL by 8260 (water)	SW-846 8260B	1	12/04/2007 23:39	Sara E Wolf	1
06371	8260 Special Cmpds for Waters	SW-846 8260B	1	12/04/2007 23:39	Sara E Wolf	1
00813	BNA Water Extraction	SW-846 3510C	1	12/04/2007 06:00	Tracy L Schickel	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	12/04/2007 23:39	Sara E Wolf	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	12/03/2007 19:44	James L Mertz	1

0851

Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 5224005

OR-3-112907 Grab Water Sample
Beacon - NY

Collected:11/29/2007 11:30 by EA

Account Number: 11387

Submitted: 11/30/2007 09:15
Reported: 12/10/2007 at 18:09
Discard: 02/24/2008

Chevron Environmental Mgmt.
4800 Fournace Place
Bellaire TX 77401

BCOR3 SDG#: CBN48-09
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CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
07055	Lead	7439-92-1	N.D.	0.0069	mg/l	1
04678	TCL SW846 Semivolatiles/Waters					
03871	4-Chloroaniline	106-47-8	N.D.	1.	ug/l	1
03879	Dibenzofuran	132-64-9	N.D.	1.	ug/l	1
03905	2-Methylnaphthalene	91-57-6	N.D.	1.	ug/l	1
03907	2-Nitroaniline	88-74-4	N.D.	1.	ug/l	1
03908	3-Nitroaniline	99-09-2	N.D.	1.	ug/l	1
03909	4-Nitroaniline	100-01-6	N.D.	1.	ug/l	1
03922	2,4,5-Trichlorophenol	95-95-4	N.D.	1.	ug/l	1
03924	2-Chlorophenol	95-57-8	N.D.	1.	ug/l	1
03925	Phenol	108-95-2	N.D.	1.	ug/l	1
03926	2-Nitrophenol	88-75-5	N.D.	1.	ug/l	1
03927	2,4-Dimethylphenol	105-67-9	N.D.	3.	ug/l	1
03928	2,4-Dichlorophenol	120-83-2	N.D.	1.	ug/l	1
03929	4-Chloro-3-methylphenol	59-50-7	N.D.	1.	ug/l	1
03930	2,4,6-Trichlorophenol	88-06-2	N.D.	1.	ug/l	1
03931	2,4-Dinitrophenol	51-28-5	N.D.	21.	ug/l	1
03932	4-Nitrophenol	100-02-7	N.D.	10.	ug/l	1
03933	4,6-Dinitro-2-methylphenol	534-52-1	N.D.	5.	ug/l	1
03934	Pentachlorophenol	87-86-5	N.D.	3.	ug/l	1
03936	bis(2-Chloroethyl)ether	111-44-4	N.D.	1.	ug/l	1
03937	1,3-Dichlorobenzene	541-73-1	N.D.	1.	ug/l	1
03938	1,4-Dichlorobenzene	106-46-7	N.D.	1.	ug/l	1
03939	1,2-Dichlorobenzene	95-50-1	N.D.	1.	ug/l	1
03941	Hexachloroethane	67-72-1	N.D.	1.	ug/l	1
03942	N-Nitroso-di-n-propylamine	621-64-7	N.D.	1.	ug/l	1
03943	Nitrobenzene	98-95-3	N.D.	1.	ug/l	1
03944	Isophorone	78-59-1	N.D.	1.	ug/l	1
03945	bis(2-Chloroethoxy)methane	111-91-1	N.D.	1.	ug/l	1
03946	1,2,4-Trichlorobenzene	120-82-1	N.D.	1.	ug/l	1
03947	Naphthalene	91-20-3	N.D.	1.	ug/l	1
03948	Hexachlorobutadiene	87-68-3	N.D.	1.	ug/l	1
03949	Hexachlorocyclopentadiene	77-47-4	N.D.	5.	ug/l	1
03950	2-Chloronaphthalene	91-58-7	N.D.	2.	ug/l	1
03951	Acenaphthylene	208-96-8	N.D.	1.	ug/l	1
03952	Dimethylphthalate	131-11-3	N.D.	2.	ug/l	1
03953	2,6-Dinitrotoluene	606-20-2	N.D.	1.	ug/l	1
03954	Acenaphthene	83-32-9	N.D.	1.	ug/l	1

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Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 5224005

OR-3-112907 Grab Water Sample
Beacon - NY

Collected:11/29/2007 11:30 by EA

Account Number: 11387

Submitted: 11/30/2007 09:15
Reported: 12/10/2007 at 18:09
Discard: 02/24/2008

Chevron Environmental Mgmt.
4800 Fournace Place
Bellaire TX 77401

BCOR3 SDG#: CBN48-09

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
03955	2,4-Dinitrotoluene	121-14-2	N.D.	1.	ug/l	1
03956	Fluorene	86-73-7	N.D.	1.	ug/l	1
03957	4-Chlorophenyl-phenylether	7005-72-3	N.D.	2.	ug/l	1
03958	Diethylphthalate	84-66-2	N.D.	2.	ug/l	1
03960	N-Nitrosodiphenylamine	86-30-6	N.D.	2.	ug/l	1
	N-nitrosodiphenylamine decomposes in the GC inlet forming diphenylamine. The result reported for N-nitrosodiphenylamine represents the combined total of both compounds.					
03961	4-Bromophenyl-phenylether	101-55-3	N.D.	1.	ug/l	1
03962	Hexachlorobenzene	118-74-1	N.D.	1.	ug/l	1
03963	Phenanthrene	85-01-8	N.D.	1.	ug/l	1
03964	Anthracene	120-12-7	N.D.	1.	ug/l	1
03965	Di-n-butylphthalate	84-74-2	N.D.	2.	ug/l	1
03966	Fluoranthene	206-44-0	N.D.	1.	ug/l	1
03967	Pyrene	129-00-0	N.D.	1.	ug/l	1
03969	Butylbenzylphthalate	85-68-7	N.D.	2.	ug/l	1
03970	Benzo(a)anthracene	56-55-3	N.D.	1.	ug/l	1
03971	Chrysene	218-01-9	N.D.	1.	ug/l	1
03972	3,3'-Dichlorobenzidine	91-94-1	N.D.	2.	ug/l	1
03973	bis(2-Ethylhexyl)phthalate	117-81-7	N.D.	2.	ug/l	1
03974	Di-n-octylphthalate	117-84-0	N.D.	2.	ug/l	1
03975	Benzo(b)fluoranthene	205-99-2	N.D.	1.	ug/l	1
03976	Benzo(k)fluoranthene	207-08-9	N.D.	1.	ug/l	1
03977	Benzo(a)pyrene	50-32-8	N.D.	1.	ug/l	1
03978	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	1.	ug/l	1
03979	Dibenz(a,h)anthracene	53-70-3	N.D.	1.	ug/l	1
03980	Benzo(g,h,i)perylene	191-24-2	N.D.	1.	ug/l	1
04680	2-Methylphenol	95-48-7	N.D.	1.	ug/l	1
04681	2,2'-oxybis(1-Chloropropane)	108-60-1	N.D.	1.	ug/l	1
04682	4-Methylphenol	106-44-5	N.D.	2.	ug/l	1
	3-Methylphenol and 4-methylphenol cannot be resolved under the chromatographic conditions used for sample analysis. The result reported for 4-methylphenol represents the combined total of both compounds.					
04684	Carbazole	86-74-8	N.D.	1.	ug/l	1
06291	TCL by 8260 (water)					
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	ug/l	1
05385	Chloromethane	74-87-3	N.D.	1.	ug/l	1
05386	Vinyl Chloride	75-01-4	N.D.	1.	ug/l	1
05387	Bromomethane	74-83-9	N.D.	1.	ug/l	1
05388	Chloroethane	75-00-3	N.D.	1.	ug/l	1
05390	1,1-Dichloroethene	75-35-4	N.D.	0.8	ug/l	1

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Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 5224005

OR-3-112907 Grab Water Sample
Beacon - NY

Collected:11/29/2007 11:30 by EA

Account Number: 11387

Submitted: 11/30/2007 09:15
Reported: 12/10/2007 at 18:09
Discard: 02/24/2008

Chevron Environmental Mgmt.
4800 Fournace Place
Bellaire TX 77401

BCOR3 SDG#: CBN48-09

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
05391	Methylene Chloride	75-09-2	N.D.	2.	ug/l	1
05393	1,1-Dichloroethane	75-34-3	N.D.	1.	ug/l	1
05396	Chloroform	67-66-3	N.D.	0.8	ug/l	1
05398	1,1,1-Trichloroethane	71-55-6	N.D.	0.8	ug/l	1
05399	Carbon Tetrachloride	56-23-5	N.D.	1.	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	1.	ug/l	1
05403	Trichloroethene	79-01-6	N.D.	1.	ug/l	1
05404	1,2-Dichloropropane	78-87-5	N.D.	1.	ug/l	1
05406	Bromodichloromethane	75-27-4	N.D.	1.	ug/l	1
05407	Toluene	108-88-3	N.D.	0.7	ug/l	1
05408	1,1,2-Trichloroethane	79-00-5	N.D.	0.8	ug/l	1
05409	Tetrachloroethene	127-18-4	N.D.	0.8	ug/l	1
05411	Dibromochloromethane	124-48-1	N.D.	1.	ug/l	1
05413	Chlorobenzene	108-90-7	N.D.	0.8	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.8	ug/l	1
05419	Bromoform	75-25-2	N.D.	1.	ug/l	1
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.	ug/l	1
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.	ug/l	1
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.8	ug/l	1
06371	8260 Special Cmpds for Waters					
05654	2-Chloroethyl Vinyl Ether	110-75-8	N.D.	2.	ug/l	1
	2-Chloroethyl vinyl ether is an acid labile compound and may not be recovered in an acid preserved sample.					
05655	Trichlorofluoromethane	75-69-4	N.D.	2.	ug/l	1
06304	1,2-Dichloroethene (Total)	540-59-0	N.D.	0.8	ug/l	1
08171	1,3-Dichlorobenzene	541-73-1	N.D.	1.	ug/l	1
08172	1,4-Dichlorobenzene	106-46-7	N.D.	1.	ug/l	1
08173	1,2-Dichlorobenzene	95-50-1	N.D.	1.	ug/l	1

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

0054

Laboratory Chronicle

Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 5224005

OR-3-112907 Grab Water Sample
Beacon - NY

Collected:11/29/2007 11:30 by EA

Account Number: 11387

Submitted: 11/30/2007 09:15
Reported: 12/10/2007 at 18:09
Discard: 02/24/2008

Chevron Environmental Mgmt.
4800 Fournace Place
Bellaire TX 77401

BCOR3 SDG#: CBN48-09

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
07055	Lead	SW-846 6010B	1	12/08/2007 19:20	John P Hook	1
04678	TCL SW846 Semivolatiles/Waters	SW-846 8270C	1	12/05/2007 04:05	Gregory J Drahovsky	1
06291	TCL by 8260 (water)	SW-846 8260B	1	12/05/2007 01:08	Sara E Wolf	1
06371	8260 Special Cmpds for Waters	SW-846 8260B	1	12/05/2007 01:08	Sara E Wolf	1
00813	BNA Water Extraction	SW-846 3510C	1	12/04/2007 06:00	Tracy L Schickel	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	12/05/2007 01:08	Sara E Wolf	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	12/03/2007 19:44	James L Mertz	1

0055

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 5224006

OS-3-112907 Grab Water Sample
Beacon - NY

Collected:11/29/2007 11:45 by EA

Account Number: 11387

Submitted: 11/30/2007 09:15
Reported: 12/10/2007 at 18:09
Discard: 02/24/2008

Chevron Environmental Mgmt.
4800 Fournace Place
Bellaire TX 77401

BCOS3 SDG#: CBN48-10
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CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
07055	Lead	7439-92-1	N.D.	0.0069	mg/l	1
04678	TCL SW846 Semivolatiles/Waters					
03871	4-Chloroaniline	106-47-8	N.D.	1.	ug/l	1
03879	Dibenzofuran	132-64-9	N.D.	1.	ug/l	1
03905	2-Methylnaphthalene	91-57-6	N.D.	1.	ug/l	1
03907	2-Nitroaniline	88-74-4	N.D.	1.	ug/l	1
03908	3-Nitroaniline	99-09-2	N.D.	1.	ug/l	1
03909	4-Nitroaniline	100-01-6	N.D.	1.	ug/l	1
03922	2,4,5-Trichlorophenol	95-95-4	N.D.	1.	ug/l	1
03924	2-Chlorophenol	95-57-8	N.D.	1.	ug/l	1
03925	Phenol	108-95-2	N.D.	1.	ug/l	1
03926	2-Nitrophenol	88-75-5	N.D.	1.	ug/l	1
03927	2,4-Dimethylphenol	105-67-9	N.D.	3.	ug/l	1
03928	2,4-Dichlorophenol	120-83-2	N.D.	1.	ug/l	1
03929	4-Chloro-3-methylphenol	59-50-7	N.D.	1.	ug/l	1
03930	2,4,6-Trichlorophenol	88-06-2	N.D.	1.	ug/l	1
03931	2,4-Dinitrophenol	51-28-5	N.D.	19.	ug/l	1
03932	4-Nitrophenol	100-02-7	N.D.	10.	ug/l	1
03933	4,6-Dinitro-2-methylphenol	534-52-1	N.D.	5.	ug/l	1
03934	Pentachlorophenol	87-86-5	N.D.	3.	ug/l	1
03936	bis(2-Chloroethyl)ether	111-44-4	N.D.	1.	ug/l	1
03937	1,3-Dichlorobenzene	541-73-1	N.D.	1.	ug/l	1
03938	1,4-Dichlorobenzene	106-46-7	N.D.	1.	ug/l	1
03939	1,2-Dichlorobenzene	95-50-1	N.D.	1.	ug/l	1
03941	Hexachloroethane	67-72-1	N.D.	1.	ug/l	1
03942	N-Nitroso-di-n-propylamine	621-64-7	N.D.	1.	ug/l	1
03943	Nitrobenzene	98-95-3	N.D.	1.	ug/l	1
03944	Isophorone	78-59-1	N.D.	1.	ug/l	1
03945	bis(2-Chloroethoxy)methane	111-91-1	N.D.	1.	ug/l	1
03946	1,2,4-Trichlorobenzene	120-82-1	N.D.	1.	ug/l	1
03947	Naphthalene	91-20-3	N.D.	1.	ug/l	1
03948	Hexachlorobutadiene	87-68-3	N.D.	1.	ug/l	1
03949	Hexachlorocyclopentadiene	77-47-4	N.D.	5.	ug/l	1
03950	2-Chloronaphthalene	91-58-7	N.D.	2.	ug/l	1
03951	Acenaphthylene	208-96-8	N.D.	1.	ug/l	1
03952	Dimethylphthalate	131-11-3	N.D.	2.	ug/l	1
03953	2,6-Dinitrotoluene	606-20-2	N.D.	1.	ug/l	1
03954	Acenaphthene	83-32-9	N.D.	1.	ug/l	1

8056

Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 5224006

OS-3-112907 Grab Water Sample
Beacon - NY

Collected:11/29/2007 11:45 by EA

Account Number: 11387

Submitted: 11/30/2007 09:15
Reported: 12/10/2007 at 18:09
Discard: 02/24/2008

Chevron Environmental Mgmt.
4800 Fournace Place
Bellaire TX 77401

BCOS3 SDG#: CBN48-10

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
03955	2,4-Dinitrotoluene	121-14-2	N.D.	1.	ug/l	1
03956	Fluorene	86-73-7	N.D.	1.	ug/l	1
03957	4-Chlorophenyl-phenylether	7005-72-3	N.D.	2.	ug/l	1
03958	Diethylphthalate	84-66-2	N.D.	2.	ug/l	1
03960	N-Nitrosodiphenylamine	86-30-6	N.D.	2.	ug/l	1
	N-nitrosodiphenylamine decomposes in the GC inlet forming diphenylamine. The result reported for N-nitrosodiphenylamine represents the combined total of both compounds.					
03961	4-Bromophenyl-phenylether	101-55-3	N.D.	1.	ug/l	1
03962	Hexachlorobenzene	118-74-1	N.D.	1.	ug/l	1
03963	Phenanthrene	85-01-8	N.D.	1.	ug/l	1
03964	Anthracene	120-12-7	N.D.	1.	ug/l	1
03965	Di-n-butylphthalate	84-74-2	N.D.	2.	ug/l	1
03966	Fluoranthene	206-44-0	N.D.	1.	ug/l	1
03967	Pyrene	129-00-0	N.D.	1.	ug/l	1
03969	Butylbenzylphthalate	85-68-7	N.D.	2.	ug/l	1
03970	Benzo(a)anthracene	56-55-3	N.D.	1.	ug/l	1
03971	Chrysene	218-01-9	N.D.	1.	ug/l	1
03972	3,3'-Dichlorobenzidine	91-94-1	N.D.	2.	ug/l	1
03973	bis(2-Ethylhexyl)phthalate	117-81-7	N.D.	2.	ug/l	1
03974	Di-n-octylphthalate	117-84-0	N.D.	2.	ug/l	1
03975	Benzo(b)fluoranthene	205-99-2	N.D.	1.	ug/l	1
03976	Benzo(k)fluoranthene	207-08-9	N.D.	1.	ug/l	1
03977	Benzo(a)pyrene	50-32-8	N.D.	1.	ug/l	1
03978	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	1.	ug/l	1
03979	Dibenz(a,h)anthracene	53-70-3	N.D.	1.	ug/l	1
03980	Benzo(g,h,i)perylene	191-24-2	N.D.	1.	ug/l	1
04680	2-Methylphenol	95-48-7	N.D.	1.	ug/l	1
04681	2,2'-oxybis(1-Chloropropane)	108-60-1	N.D.	1.	ug/l	1
04682	4-Methylphenol	106-44-5	N.D.	2.	ug/l	1
	3-Methylphenol and 4-methylphenol cannot be resolved under the chromatographic conditions used for sample analysis. The result reported for 4-methylphenol represents the combined total of both compounds.					
04684	Carbazole	86-74-8	N.D.	1.	ug/l	1
06291	TCL by 8260 (water)					
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	ug/l	1
05385	Chloromethane	74-87-3	N.D.	1.	ug/l	1
05386	Vinyl Chloride	75-01-4	N.D.	1.	ug/l	1
05387	Bromomethane	74-83-9	N.D.	1.	ug/l	1
05388	Chloroethane	75-00-3	N.D.	1.	ug/l	1
05390	1,1-Dichloroethene	75-35-4	N.D.	0.8	ug/l	1

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Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 5224006

OS-3-112907 Grab Water Sample
Beacon - NY

Collected:11/29/2007 11:45 by EA

Account Number: 11387

Submitted: 11/30/2007 09:15
Reported: 12/10/2007 at 18:09
Discard: 02/24/2008

Chevron Environmental Mgmt.
4800 Fournace Place
Bellaire TX 77401

BCOS3 SDG#: CBN48-10

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
05391	Methylene Chloride	75-09-2	N.D.	2.	ug/l	1
05393	1,1-Dichloroethane	75-34-3	N.D.	1.	ug/l	1
05396	Chloroform	67-66-3	N.D.	0.8	ug/l	1
05398	1,1,1-Trichloroethane	71-55-6	N.D.	0.8	ug/l	1
05399	Carbon Tetrachloride	56-23-5	N.D.	1.	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	1.	ug/l	1
05403	Trichloroethene	79-01-6	N.D.	1.	ug/l	1
05404	1,2-Dichloropropane	78-87-5	N.D.	1.	ug/l	1
05406	Bromodichloromethane	75-27-4	N.D.	1.	ug/l	1
05407	Toluene	108-88-3	N.D.	0.7	ug/l	1
05408	1,1,2-Trichloroethane	79-00-5	N.D.	0.8	ug/l	1
05409	Tetrachloroethene	127-18-4	N.D.	0.8	ug/l	1
05411	Dibromochloromethane	124-48-1	N.D.	1.	ug/l	1
05413	Chlorobenzene	108-90-7	N.D.	0.8	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.8	ug/l	1
05419	Bromoform	75-25-2	N.D.	1.	ug/l	1
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.	ug/l	1
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.	ug/l	1
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.8	ug/l	1
06371	8260 Special Cmpds for Waters					
05654	2-Chloroethyl Vinyl Ether	110-75-8	N.D.	2.	ug/l	1
	2-Chloroethyl vinyl ether is an acid labile compound and may not be recovered in an acid preserved sample.					
05655	Trichlorofluoromethane	75-69-4	N.D.	2.	ug/l	1
06304	1,2-Dichloroethene (Total)	540-59-0	N.D.	0.8	ug/l	1
08171	1,3-Dichlorobenzene	541-73-1	N.D.	1.	ug/l	1
08172	1,4-Dichlorobenzene	106-46-7	N.D.	1.	ug/l	1
08173	1,2-Dichlorobenzene	95-50-1	N.D.	1.	ug/l	1

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

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Laboratory Chronicle

Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 5224006

OS-3-112907 Grab Water Sample
Beacon - NY

Collected:11/29/2007 11:45 by EA

Account Number: 11387

Submitted: 11/30/2007 09:15
Reported: 12/10/2007 at 18:09
Discard: 02/24/2008

Chevron Environmental Mgmt.
4800 Fournace Place
Bellaire TX 77401

BCOS3 SDG#: CBN48-10

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
07055	Lead	SW-846 6010B	1	12/08/2007 19:23	John P Hook	1
04678	TCL SW846 Semivolatiles/Waters	SW-846 8270C	1	12/05/2007 04:30	Gregory J Drahovsky	1
06291	TCL by 8260 (water)	SW-846 8260B	1	12/05/2007 00:01	Sara E Wolf	1
06371	8260 Special Cmpds for Waters	SW-846 8260B	1	12/05/2007 00:01	Sara E Wolf	1
00813	BNA Water Extraction	SW-846 3510C	1	12/04/2007 06:00	Tracy L Schickel	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	12/05/2007 00:01	Sara E Wolf	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	12/03/2007 19:44	James L Mertz	1

0059

Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 5224007

EB-1-112907 Grab Water Sample
Beacon - NY

Collected:11/29/2007 10:50 by EA

Account Number: 11387

Submitted: 11/30/2007 09:15
Reported: 12/10/2007 at 18:09
Discard: 02/24/2008

Chevron Environmental Mgmt.
4800 Fournace Place
Bellaire TX 77401

BCEB1 SDG#: CBN48-11EB
I 5E w

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
07055	Lead	7439-92-1	N.D.	0.0069	mg/l	1
04678	TCL SW846 Semivolatiles/Waters					
03871	4-Chloroaniline	106-47-8	N.D.	1.	ug/l	1
03879	Dibenzofuran	132-64-9	N.D.	1.	ug/l	1
03905	2-Methylnaphthalene	91-57-6	N.D.	1.	ug/l	1
03907	2-Nitroaniline	88-74-4	N.D.	1.	ug/l	1
03908	3-Nitroaniline	99-09-2	N.D.	1.	ug/l	1
03909	4-Nitroaniline	100-01-6	N.D.	1.	ug/l	1
03922	2,4,5-Trichlorophenol	95-95-4	N.D.	1.	ug/l	1
03924	2-Chlorophenol	95-57-8	N.D.	1.	ug/l	1
03925	Phenol	108-95-2	N.D.	1.	ug/l	1
03926	2-Nitrophenol	88-75-5	N.D.	1.	ug/l	1
03927	2,4-Dimethylphenol	105-67-9	N.D.	3.	ug/l	1
03928	2,4-Dichlorophenol	120-83-2	N.D.	1.	ug/l	1
03929	4-Chloro-3-methylphenol	59-50-7	N.D.	1.	ug/l	1
03930	2,4,6-Trichlorophenol	88-06-2	N.D.	1.	ug/l	1
03931	2,4-Dinitrophenol	51-28-5	N.D.	21.	ug/l	1
03932	4-Nitrophenol	100-02-7	N.D.	11.	ug/l	1
03933	4,6-Dinitro-2-methylphenol	534-52-1	N.D.	5.	ug/l	1
03934	Pentachlorophenol	87-86-5	N.D.	3.	ug/l	1
03936	bis(2-Chloroethyl)ether	111-44-4	N.D.	1.	ug/l	1
03937	1,3-Dichlorobenzene	541-73-1	N.D.	1.	ug/l	1
03938	1,4-Dichlorobenzene	106-46-7	N.D.	1.	ug/l	1
03939	1,2-Dichlorobenzene	95-50-1	N.D.	1.	ug/l	1
03941	Hexachloroethane	67-72-1	N.D.	1.	ug/l	1
03942	N-Nitroso-di-n-propylamine	621-64-7	N.D.	1.	ug/l	1
03943	Nitrobenzene	98-95-3	N.D.	1.	ug/l	1
03944	Isophorone	78-59-1	N.D.	1.	ug/l	1
03945	bis(2-Chloroethoxy)methane	111-91-1	N.D.	1.	ug/l	1
03946	1,2,4-Trichlorobenzene	120-82-1	N.D.	1.	ug/l	1
03947	Naphthalene	91-20-3	N.D.	1.	ug/l	1
03948	Hexachlorobutadiene	87-68-3	N.D.	1.	ug/l	1
03949	Hexachlorocyclopentadiene	77-47-4	N.D.	5.	ug/l	1
03950	2-Chloronaphthalene	91-58-7	N.D.	2.	ug/l	1
03951	Acenaphthylene	208-96-8	N.D.	1.	ug/l	1
03952	Dimethylphthalate	131-11-3	N.D.	2.	ug/l	1
03953	2,6-Dinitrotoluene	606-20-2	N.D.	1.	ug/l	1
03954	Acenaphthene	83-32-9	N.D.	1.	ug/l	1

Lancaster Laboratories, Inc.
2425 New Holland Pike
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Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 5224007

EB-1-112907 Grab Water Sample
Beacon - NY

Collected:11/29/2007 10:50 by EA

Account Number: 11387

Submitted: 11/30/2007 09:15
Reported: 12/10/2007 at 18:09
Discard: 02/24/2008

Chevron Environmental Mgmt.
4800 Fournace Place
Bellaire TX 77401

BCEB1 SDG#: CBN48-11EB

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
03955	2,4-Dinitrotoluene	121-14-2	N.D.	1.	ug/l	1
03956	Fluorene	86-73-7	N.D.	1.	ug/l	1
03957	4-Chlorophenyl-phenylether	7005-72-3	N.D.	2.	ug/l	1
03958	Diethylphthalate	84-66-2	N.D.	2.	ug/l	1
03960	N-Nitrosodiphenylamine	86-30-6	N.D.	2.	ug/l	1
	N-nitrosodiphenylamine decomposes in the GC inlet forming diphenylamine. The result reported for N-nitrosodiphenylamine represents the combined total of both compounds.					
03961	4-Bromophenyl-phenylether	101-55-3	N.D.	1.	ug/l	1
03962	Hexachlorobenzene	118-74-1	N.D.	1.	ug/l	1
03963	Phenanthrene	85-01-8	N.D.	1.	ug/l	1
03964	Anthracene	120-12-7	N.D.	1.	ug/l	1
03965	Di-n-butylphthalate	84-74-2	N.D.	2.	ug/l	1
03966	Fluoranthene	206-44-0	N.D.	1.	ug/l	1
03967	Pyrene	129-00-0	N.D.	1.	ug/l	1
03969	Butylbenzylphthalate	85-68-7	N.D.	2.	ug/l	1
03970	Benzo(a)anthracene	56-55-3	N.D.	1.	ug/l	1
03971	Chrysene	218-01-9	N.D.	1.	ug/l	1
03972	3,3'-Dichlorobenzidine	91-94-1	N.D.	2.	ug/l	1
03973	bis(2-Ethylhexyl)phthalate	117-81-7	N.D.	2.	ug/l	1
03974	Di-n-octylphthalate	117-84-0	N.D.	2.	ug/l	1
03975	Benzo(b)fluoranthene	205-99-2	N.D.	1.	ug/l	1
03976	Benzo(k)fluoranthene	207-08-9	N.D.	1.	ug/l	1
03977	Benzo(a)pyrene	50-32-8	N.D.	1.	ug/l	1
03978	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	1.	ug/l	1
03979	Dibenz(a,h)anthracene	53-70-3	N.D.	1.	ug/l	1
03980	Benzo(g,h,i)perylene	191-24-2	N.D.	1.	ug/l	1
04680	2-Methylphenol	95-48-7	N.D.	1.	ug/l	1
04681	2,2'-oxybis(1-Chloropropane)	108-60-1	N.D.	1.	ug/l	1
04682	4-Methylphenol	106-44-5	N.D.	2.	ug/l	1
	3-Methylphenol and 4-methylphenol cannot be resolved under the chromatographic conditions used for sample analysis. The result reported for 4-methylphenol represents the combined total of both compounds.					
04684	Carbazole	86-74-8	N.D.	1.	ug/l	1
06291	TCL by 8260 (water)					
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	ug/l	1
05385	Chloromethane	74-87-3	N.D.	1.	ug/l	1
05386	Vinyl Chloride	75-01-4	N.D.	1.	ug/l	1
05387	Bromomethane	74-83-9	N.D.	1.	ug/l	1
05388	Chloroethane	75-00-3	N.D.	1.	ug/l	1
05390	1,1-Dichloroethene	75-35-4	N.D.	0.8	ug/l	1

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Lancaster Laboratories

Lancaster Laboratories Sample No. WW 5224007

EB-1-112907 Grab Water Sample
Beacon - NY

Collected:11/29/2007 10:50 by EA

Account Number: 11387

Submitted: 11/30/2007 09:15
Reported: 12/10/2007 at 18:09
Discard: 02/24/2008

Chevron Environmental Mgmt.
4800 Fournace Place
Bellaire TX 77401

BCEB1 SDG#: CBN48-11EB

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
05391	Methylene Chloride	75-09-2	N.D.	2.	ug/l	1
05393	1,1-Dichloroethane	75-34-3	N.D.	1.	ug/l	1
05396	Chloroform	67-66-3	N.D.	0.8	ug/l	1
05398	1,1,1-Trichloroethane	71-55-6	N.D.	0.8	ug/l	1
05399	Carbon Tetrachloride	56-23-5	N.D.	1.	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	1.	ug/l	1
05403	Trichloroethene	79-01-6	N.D.	1.	ug/l	1
05404	1,2-Dichloropropane	78-87-5	N.D.	1.	ug/l	1
05406	Bromodichloromethane	75-27-4	N.D.	1.	ug/l	1
05407	Toluene	108-88-3	N.D.	0.7	ug/l	1
05408	1,1,2-Trichloroethane	79-00-5	N.D.	0.8	ug/l	1
05409	Tetrachloroethene	127-18-4	N.D.	0.8	ug/l	1
05411	Dibromochloromethane	124-48-1	N.D.	1.	ug/l	1
05413	Chlorobenzene	108-90-7	N.D.	0.8	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.8	ug/l	1
05419	Bromoform	75-25-2	N.D.	1.	ug/l	1
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.	ug/l	1
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.	ug/l	1
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.8	ug/l	1
06371	8260 Special Cmpds for Waters					
05654	2-Chloroethyl Vinyl Ether	110-75-8	N.D.	2.	ug/l	1
	2-Chloroethyl vinyl ether is an acid labile compound and may not be recovered in an acid preserved sample.					
05655	Trichlorofluoromethane	75-69-4	N.D.	2.	ug/l	1
06304	1,2-Dichloroethene (Total)	540-59-0	N.D.	0.8	ug/l	1
08171	1,3-Dichlorobenzene	541-73-1	N.D.	1.	ug/l	1
08172	1,4-Dichlorobenzene	106-46-7	N.D.	1.	ug/l	1
08173	1,2-Dichlorobenzene	95-50-1	N.D.	1.	ug/l	1

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

0062

Laboratory Chronicle

Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 5224007

EB-1-112907 Grab Water Sample
Beacon - NY

Collected:11/29/2007 10:50 by EA

Account Number: 11387

Submitted: 11/30/2007 09:15
Reported: 12/10/2007 at 18:09
Discard: 02/24/2008

Chevron Environmental Mgmt.
4800 Fournace Place
Bellaire TX 77401

BCEB1 SDG#: CBN48-11EB

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
07055	Lead	SW-846 6010B	1	12/08/2007 19:27	John P Hook	1
04678	TCL SW846 Semivolatiles/Waters	SW-846 8270C	1	12/05/2007 04:54	Gregory J Drahovsky	1
06291	TCL by 8260 (water)	SW-846 8260B	1	12/05/2007 00:23	Sara E Wolf	1
06371	8260 Special Cmpds for Waters	SW-846 8260B	1	12/05/2007 00:23	Sara E Wolf	1
00813	BNA Water Extraction	SW-846 3510C	1	12/04/2007 06:00	Tracy L Schickel	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	12/05/2007 00:23	Sara E Wolf	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	12/03/2007 19:44	James L Mertz	1

8063

Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 5224008

Trip_Blank-112907 Water Sample
Beacon - NY

Collected:11/28/2007

Account Number: 11387

Submitted: 11/30/2007 09:15
Reported: 12/10/2007 at 18:09
Discard: 02/24/2008

Chevron Environmental Mgmt.
4800 Fournace Place
Bellaire TX 77401

BCTB1 SDG#: CBN48-12TB*
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CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
06291	TCL by 8260 (water)					
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	ug/l	1
05385	Chloromethane	74-87-3	N.D.	1.	ug/l	1
05386	Vinyl Chloride	75-01-4	N.D.	1.	ug/l	1
05387	Bromomethane	74-83-9	N.D.	1.	ug/l	1
05388	Chloroethane	75-00-3	N.D.	1.	ug/l	1
05390	1,1-Dichloroethene	75-35-4	N.D.	0.8	ug/l	1
05391	Methylene Chloride	75-09-2	N.D.	2.	ug/l	1
05393	1,1-Dichloroethane	75-34-3	N.D.	1.	ug/l	1
05396	Chloroform	67-66-3	N.D.	0.8	ug/l	1
05398	1,1,1-Trichloroethane	71-55-6	N.D.	0.8	ug/l	1
05399	Carbon Tetrachloride	56-23-5	N.D.	1.	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	1.	ug/l	1
05403	Trichloroethene	79-01-6	N.D.	1.	ug/l	1
05404	1,2-Dichloropropane	78-87-5	N.D.	1.	ug/l	1
05406	Bromodichloromethane	75-27-4	N.D.	1.	ug/l	1
05407	Toluene	108-88-3	N.D.	0.7	ug/l	1
05408	1,1,2-Trichloroethane	79-00-5	N.D.	0.8	ug/l	1
05409	Tetrachloroethene	127-18-4	N.D.	0.8	ug/l	1
05411	Dibromochloromethane	124-48-1	N.D.	1.	ug/l	1
05413	Chlorobenzene	108-90-7	N.D.	0.8	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.8	ug/l	1
05419	Bromoform	75-25-2	N.D.	1.	ug/l	1
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.	ug/l	1
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.	ug/l	1
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.8	ug/l	1
06371	8260 Special Cmpds for Waters					
05654	2-Chloroethyl Vinyl Ether	110-75-8	N.D.	2.	ug/l	1
	2-Chloroethyl vinyl ether is an acid labile compound and may not be recovered in an acid preserved sample.					
05655	Trichlorofluoromethane	75-69-4	N.D.	2.	ug/l	1
06304	1,2-Dichloroethene (Total)	540-59-0	N.D.	0.8	ug/l	1
08171	1,3-Dichlorobenzene	541-73-1	N.D.	1.	ug/l	1
08172	1,4-Dichlorobenzene	106-46-7	N.D.	1.	ug/l	1
08173	1,2-Dichlorobenzene	95-50-1	N.D.	1.	ug/l	1

Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 5224008

Trip_Blank-112907 Water Sample
Beacon - NY

Collected:11/28/2007

Account Number: 11387

Submitted: 11/30/2007 09:15
Reported: 12/10/2007 at 18:09
Discard: 02/24/2008

Chevron Environmental Mgmt.
4800 Fournace Place
Bellaire TX 77401

BCTB1 SDG#: CBN48-12TB*

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
06291	TCL by 8260 (water)	SW-846 8260B	1	12/05/2007 00:46	Sara E Wolf	1
06371	8260 Special Cmpds for Waters	SW-846 8260B	1	12/05/2007 00:46	Sara E Wolf	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	12/05/2007 00:46	Sara E Wolf	1

0065

Volatiles by GC/MS Data

Case Narrative
Conformance/Nonconformance Summary

CASE NARRATIVE
Client: Chevron Environmental Mgmt.
SDG#: CBN48

LANCASTER LABORATORIES
VOLATILES BY GC/MS

SAMPLE NUMBERS:

		Matrix	
LL #'s	Sample Code	Water	Comments
5223994	BCT23	X	
5223995	BC123	X	
5223996	BCT05	X	
5223997	BCD02	X	Unspiked
5223998	BCD02MS	X	Matrix Spike
5223999	BCD02MSD	X	Matrix Spike Dup
5224001	BCD01	X	
5224002	BCD08	X	
5224003	BCOR2	X	
5224004	BCOS2	X	
5224005	BCOR3	X	
5224006	BCOS3	X	
5224007	BCEB1	X	Client Blank
5224008	BCTB1	X	Client Blank

LABORATORY SUBMITTED QC:

VBLKL37	VBLKL37	X	Method Blank
LCSL37	LCSL37	X	Lab Control Sample

SAMPLE PREPARATION:

No sample preparation was necessary for the VOA fraction.

ANALYSIS:

The pH value for all samples was < 2.

No problems were encountered during the analysis of these samples.

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QUALITY CONTROL and NONCONFORMANCE SUMMARY:

Matrix QC may not be included if site-specific QC were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCD was performed, unless otherwise specified in the method or by the client.

The percent recovery for 2-chloroethyl vinyl ether in the MS and MSD was outside QC limits. This compound met recovery criteria in the LCS analysis.

All other QC is within specifications.

DATA INTERPRETATION:

No further interpretation is necessary for the data submitted.

CALCULATIONS:

1. Relative response factor (RRF)

$$RRF = \frac{Ax}{Ais} \times \frac{Cis}{Cx}$$

Where :
Ax = Area of the characteristic ion for the compound to be measured.
Ais = Area of the characteristic ion for the specific internal standard to be measured.
Cis = Concentration of the internal standard.
Cx = Concentration of the compound to be measured.

2. % Relative Standard Deviation (%RSD)

$$\%RSD = \frac{\text{Standard deviation}}{\text{mean}} \times 100$$

3. % Difference (%D)

$$\%D = \frac{RRFc - RRFi}{RRFi} \times 100$$

Where:
RRFc=Relative response factor from continuing calibration standard.
RRFi = Mean relative response factor from the initial calibration.

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4. Concentration

$$\text{Concentration (ug/l)} = \frac{(Ax)\ (Is)\ (Df)}{(Ais)\ (RRF)}$$

Where:
Ax , Ais, RRF are as given in 1. above.
Is = Concentration of internal standard added in parts per billion (ug/l)
Df = Dilution factor

5. % Recovery (%Rec)

$$\%Rec = \frac{SSR - SR}{SA} \times 100$$

Where:
SSR = Spiked sample result
SR = Sample result
SA = Spike added

6. Relative Percent Difference (RPD)

$$RPD = \frac{|\ MSR - MSDR\ |}{(1/2)\ (MSR+MSDR)} \times 100$$

Where:
MSR = Matrix spike recovery
MSDR = Matrix spike duplicate recovery

Case Narrative reviewed and approved by:

Dana Kauffman Date 1-2-08
Dana M. Kauffman
Manager, Data Deliverables

8878

QC Summary

2A
WATER VOLATILE SURROGATE RECOVERY

Lab Name: Lancaster Laboratories Contract:

Lab Code: Case No.: SAS No.: SDG No.:CBN48

	LL #'s	EPA SAMPLE NO.	S1 (DBF)#	S2 (DCA)#	S3 (TOL)#	S4 (BFB)#	TOT OUT
01	5223994	BCT23	106	105	107	97	0
02	5223995	BC123	107	105	105	96	0
03	5223996	BCT05	107	105	106	96	0
04	5223997	BCD02	107	106	106	96	0
05	5223998	BCD02MS	106	105	110	101	0
06	5223999	BCD02MSD	106	103	110	102	0
07	5224001	BCD01	107	103	107	97	0
08	5224002	BCD08	107	105	107	96	0
09	5224003	BCOR2	107	105	106	97	0
10	5224004	BCOS2	106	103	106	95	0
11	5224005	BCOR3	107	104	106	96	0
12	5224006	BCOS3	106	105	107	102	0
13	5224007	BCEB1	106	105	107	96	0
14	5224008	BCTB1	107	105	107	96	0
15	VBLKL37	VBLKL37	107	105	107	97	0
16	LCSL37	LCSL37	106	103	110	101	0

		QC LIMITS
S1 (DBF)	= Dibromofluoromethane	(80-116)
S2 (DCA)	= 1,2-Dichloroethane-d4	(77-113)
S3 (TOL)	= Toluene-d8	(80-113)
S4 (BFB)	= 4-Bromofluorobenzene	(78-113)

Column to be used to flag recovery values
* Values outside of contract required QC limits
D Surrogate diluted out

Lancaster Laboratories, Inc.
GC/MS Volatiles Matrix Spike/Spike Duplicate Recoveries

Unspiked: ld04s04.d
BCD02 5223997
Method: SW-846 8260B
Instrument: HP09915

Matrix Spike: ld04s05.d
BCD02MS 5223998
Matrix/Level: WL
Dilution Factor: 1.00

Spike Duplicate: ld04s06.d
BCD02MSD 5223999
Batch: L073381AA

COMPOUND NAME	MS SPIKE	MSD SPIKE	US CONC UG/L	MS CONC UG/L	MSD CONC UG/L	MS REC %	MSD REC %	Range LOWER-UPPER	INSPEC	RPD %	RPD MAX
Chloromethane	20.0	20.0	ND	24.4	24.5	122	122	47-133	YES	0	30
Vinyl Chloride	20.0	20.0	ND	23.9	23.5	120	118	55-130	YES	2	30
Bromomethane	20.0	20.0	ND	15.5	15.4	77	77	52-129	YES	0	30
Chloroethane	20.0	20.0	ND	17.0	17.1	85	86	57-130	YES	1	30
Trichlorofluoromethane	20.0	20.0	ND	21.1	20.9	105	104	67-150	YES	1	30
1,1-Dichloroethene	20.0	20.0	ND	20.1	20.0	100	100	87-145	YES	0	30
Methylene Chloride	20.0	20.0	ND	19.6	19.5	98	97	79-133	YES	0	30
trans-1,2-Dichloroethene	20.0	20.0	ND	20.0	20.0	100	100	82-133	YES	0	30
Methyl Tertiary Butyl Ether	20.0	20.0	ND	18.6	18.7	93	94	69-127	YES	1	30
1,2-Dichloroethene (total)	40.0	40.0	ND	40.2	40.6	101	101	81-134	YES	0	30
1,1-Dichloroethane	20.0	20.0	ND	20.8	20.8	104	104	85-135	YES	0	30
cis-1,2-Dichloroethene	20.0	20.0	ND	20.2	20.5	101	103	83-126	YES	2	30
Chloroform	20.0	20.0	ND	20.6	20.5	103	103	83-139	YES	0	30
1,1,1-Trichloroethane	20.0	20.0	ND	20.6	20.8	103	104	81-142	YES	1	30
Carbon Tetrachloride	20.0	20.0	ND	20.7	20.6	104	103	82-149	YES	1	30
Benzene	20.0	20.0	ND	20.6	20.7	103	103	83-128	YES	0	30
1,2-Dichloroethane	20.0	20.0	ND	20.4	20.5	102	103	70-143	YES	0	30
Trichloroethene	20.0	20.0	ND	20.7	21.0	104	105	83-136	YES	1	30
1,2-Dichloropropane	20.0	20.0	ND	20.5	20.5	102	102	83-129	YES	0	30
Bromodichloromethane	20.0	20.0	ND	19.7	19.6	98	98	80-137	YES	0	30
2-Chloroethyl Vinyl Ether	20.0	20.0	ND	ND	ND	0	0	1 -156	NO	0	30
cis-1,3-Dichloropropene	20.0	20.0	ND	18.6	18.8	93	94	80-126	YES	1	30
Toluene	20.0	20.0	ND	20.9	21.2	105	106	83-127	YES	1	30
trans-1,3-Dichloropropene	20.0	20.0	ND	18.2	18.8	91	94	77-123	YES	3	30
1,1,2-Trichloroethane	20.0	20.0	ND	19.7	19.9	98	99	77-125	YES	1	30
Tetrachloroethene	20.0	20.0	ND	20.3	20.5	101	102	78-133	YES	1	30
Dibromochloromethane	20.0	20.0	ND	18.8	18.8	94	94	82-119	YES	0	30
Chlorobenzene	20.0	20.0	ND	20.6	20.7	103	104	83-120	YES	1	30
Ethylbenzene	20.0	20.0	ND	20.7	20.9	104	105	82-129	YES	1	30
m+p-Xylene	40.0	40.0	ND	41.7	42.1	104	105	82-130	YES	1	30
Xylene (Total)	60.0	60.0	ND	62.9	63.5	105	106	82-130	YES	1	30
o-Xylene	20.0	20.0	ND	21.2	21.4	106	107	82-130	YES	1	30
Bromoform	20.0	20.0	ND	16.9	17.1	85	86	64-119	YES	1	30
1,1,2,2-Tetrachloroethane	20.0	20.0	ND	19.0	19.0	95	95	73-121	YES	0	30
1,3-Dichlorobenzene	20.0	20.0	ND	20.0	20.2	100	101	79-123	YES	1	30
1,4-Dichlorobenzene	20.0	20.0	ND	19.6	19.9	98	100	81-122	YES	2	30
1,2-Dichlorobenzene	20.0	20.0	ND	19.7	19.8	98	99	82-117	YES	0	30

N/C = Could not calculate

Lab Chronicle: _____ Ent. by _____

_____ Ver. by _____

Lancaster Laboratories, Inc.
GC/MS Volatiles Laboratory Control Sample Recovery

File: ld04l01.d
Inst: HP09915
Dilution Factor: 1.0

Injected: 12/04/07 at 18:54
Sample: LCSL37

Method: SW-846 8260B
Matrix/Level: WL
Batch: L073381AA

COMPOUND NAME	SPIKE LEVEL	LCS CONC UG/L	LCS REC %	Range LOWER-UPPER	INSPEC
Dichlorodifluoromethane	20.00	21.81	109	33-125	YES
Chloromethane	20.00	22.32	112	47-122	YES
Vinyl Chloride	20.00	21.54	108	54-123	YES
Bromomethane	20.00	13.64	68	49-117	YES
Chloroethane	20.00	15.05	75	54-117	YES
Trichlorofluoromethane	20.00	18.21	91	59-128	YES
Ethyl Ether	20.00	16.50	82	30-148	YES
Acrolein	150.00	79.82	53	26-151	YES
1,1-Dichloroethene	20.00	18.20	91	76-122	YES
Freon 113	20.00	16.25	81	66-125	YES
Acetone	150.00	273.38	182	40-200	YES
Methyl Iodide	20.00	17.24	86	70-116	YES
2-Propanol	150.00	124.64	83	63-133	YES
Carbon Disulfide	20.00	16.34	82	69-119	YES
Allyl Chloride	20.00	19.80	99	73-129	YES
Methyl Acetate	20.00	29.95	150	58-163	YES
Methylene Chloride	20.00	19.01	95	85-120	YES
t-Butyl Alcohol	200.00	177.79	89	74-117	YES
Acrylonitrile	100.00	99.85	100	67-128	YES
trans-1,2-Dichloroethene	20.00	18.71	94	83-117	YES
Methyl Tertiary Butyl Ether	20.00	18.50	93	73-119	YES
n-Hexane	20.00	16.83	84	61-131	YES
1,2-Dichloroethene (total)	40.00	38.08	95	84-117	YES
1,1-Dichloroethane	20.00	19.49	97	83-127	YES
di-Isopropyl Ether	20.00	19.20	96	70-123	YES
2-Chloro-1,3-Butadiene	20.00	18.55	93	62-129	YES
Ethyl t-Butyl Ether	20.00	18.92	95	74-120	YES
cis-1,2-Dichloroethene	20.00	19.38	97	84-117	YES
2-Butanone	150.00	198.63	132	52-163	YES
2,2-Dichloropropane	20.00	18.50	93	74-130	YES
Propionitrile	150.00	142.71	95	68-137	YES
Methacrylonitrile	150.00	152.60	102	80-125	YES
Bromochloromethane	20.00	20.10	100	83-121	YES
Tetrahydrofuran	100.00	98.75	99	65-130	YES
Chloroform	20.00	19.62	98	77-125	YES
1,1,1-Trichloroethane	20.00	18.98	95	83-127	YES
Cyclohexane	20.00	17.75	89	72-126	YES
1,1-Dichloropropene	20.00	18.86	94	84-116	YES
Carbon Tetrachloride	20.00	18.87	94	77-130	YES
Isobutyl Alcohol	500.00	427.25	85	63-131	YES
Benzene	20.00	19.44	97	78-119	YES
1,2-Dichloroethane	20.00	19.82	99	69-135	YES
t-Amyl Methyl Ether	20.00	18.83	94	79-113	YES
n-Heptane	20.00	17.24	86	61-134	YES
n-Butanol	1000.00	816.97	82	63-123	YES
Trichloroethene	20.00	19.43	97	87-117	YES
1,2-Dichloropropane	20.00	19.54	98	80-117	YES
Methylcyclohexane	20.00	19.68	98	73-129	YES
Methyl Methacrylate	20.00	18.29	91	72-121	YES
Dibromomethane	20.00	19.41	97	87-117	YES
1,4-Dioxane	500.00	472.50	94	64-129	YES
Bromodichloromethane	20.00	19.23	96	83-121	YES
2-Nitropropane	20.00	16.40	82	46-140	YES
2-Chloroethyl Vinyl Ether	20.00	19.01	95	66-125	YES
cis-1,3-Dichloropropene	20.00	19.10	96	78-114	YES
4-Methyl-2-Pentanone	100.00	88.57	89	70-130	YES
Toluene	20.00	19.72	99	85-115	YES
trans-1,3-Dichloropropene	20.00	18.89	94	79-114	YES

N/C = Could not calculate 0074

Lab Chronicle: _____ Ent. by _____

_____ Ver. by _____

Lancaster Laboratories, Inc.
GC/MS Volatiles Laboratory Control Sample Recovery

File: ld041101.d
Inst: HP09915
Dilution Factor: 1.0

Injected: 12/04/07 at 18:54
Sample: LCSL37

Method: SW-846 8260B
Matrix/Level: WL
Batch: L073381AA

COMPOUND NAME	SPIKE LEVEL	LCS CONC UG/L	LCS REC %	Range LOWER-UPPER	INSPEC
Ethyl Methacrylate	20.00	20.68	103	77-118	YES
1,1,2-Trichloroethane	20.00	19.41	97	86-113	YES
Tetrachloroethene	20.00	19.03	95	76-118	YES
1,3-Dichloropropane	20.00	19.60	98	84-119	YES
2-Hexanone	100.00	96.61	97	61-140	YES
Dibromochloromethane	20.00	18.95	95	78-119	YES
1,2-Dibromoethane	20.00	19.74	99	81-114	YES
Chlorobenzene	20.00	19.68	98	85-115	YES
1,1,1,2-Tetrachloroethane	20.00	18.84	94	83-114	YES
Ethylbenzene	20.00	19.68	98	82-119	YES
m+p-Xylene	40.00	39.51	99	83-113	YES
Xylene (Total)	60.00	59.58	99	83-113	YES
o-Xylene	20.00	20.07	100	83-113	YES
Styrene	20.00	19.55	98	82-111	YES
Bromoform	20.00	17.75	89	69-118	YES
Isopropylbenzene	20.00	19.45	97	80-113	YES
Cyclohexanone	500.00	495.84	99	47-140	YES
1,1,2,2-Tetrachloroethane	20.00	19.25	96	72-119	YES
trans-1,4-Dichloro-2-Butene	100.00	87.65	88	49-135	YES
Bromobenzene	20.00	19.41	97	82-110	YES
1,2,3-Trichloropropane	20.00	19.73	99	78-117	YES
n-Propylbenzene	20.00	19.38	97	78-119	YES
2-Chlorotoluene	20.00	19.41	97	78-115	YES
1,3,5-Trimethylbenzene	20.00	19.70	99	78-116	YES
4-Chlorotoluene	20.00	19.59	98	80-112	YES
tert-Butylbenzene	20.00	19.43	97	74-114	YES
Pentachloroethane	20.00	19.29	96	73-119	YES
1,2,4-Trimethylbenzene	20.00	19.88	99	78-117	YES
sec-Butylbenzene	20.00	19.11	96	72-120	YES
p-Isopropyltoluene	20.00	19.65	98	72-118	YES
1,3-Dichlorobenzene	20.00	19.37	97	81-114	YES
1,4-Dichlorobenzene	20.00	19.25	96	84-116	YES
1,2,3-Trimethylbenzene	20.00	20.24	101	81-114	YES
Benzyl Chloride	20.00	17.83	89	71-120	YES
1,3-Diethylbenzene	20.00	20.52	103	77-118	YES
1,4-Diethylbenzene	20.00	20.25	101	76-119	YES
n-Butylbenzene	20.00	19.72	99	75-120	YES
1,2-Dichlorobenzene	20.00	19.18	96	81-112	YES
1,2-Diethylbenzene	20.00	20.28	101	78-117	YES
1,2-Dibromo-3-Chloropropane	20.00	18.65	93	62-128	YES
1,2,4-Trichlorobenzene	20.00	19.05	95	65-114	YES
Hexachlorobutadiene	20.00	18.34	92	62-119	YES
Naphthalene	20.00	19.24	96	61-116	YES
1,2,3-Trichlorobenzene	20.00	18.74	94	67-114	YES
Diethylbenzene (total)	60.00	61.05	102	77-118	YES

N/C = Could not calculate

0075

Lab Chronicle: _____ Ent. by _____

_____ Ver. by _____

VOLATILE METHOD BLANK SUMMARY

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Lab File ID: ld04b01.d Lab Sample ID: VBLKL37

Date Analyzed: 12/04/07 Time Analyzed: 18:09

Matrix (soil/water) WATER Level: (low/med) LOW

Instrument ID: HP09915

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

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	LCSL37	LCSL37	ld04l01.d	18:54
02	BCT23	5223994	ld04s01.d	20:17
03	BC123	5223995	ld04s02.d	20:40
04	BCT05	5223996	ld04s03.d	21:02
05	BCD02	5223997	ld04s04.d	21:25
06	BCD02MS	5223998	ld04s05.d	21:47
07	BCD02MSD	5223999	ld04s06.d	22:09
08	BCD01	5224001	ld04s07.d	22:32
09	BCD08	5224002	ld04s08.d	22:54
10	BCOR2	5224003	ld04s09.d	23:16
11	BCOS2	5224004	ld04s10.d	23:39
12	BCOS3	5224006	ld04s11.d	00:01
13	BCEB1	5224007	ld04s12.d	00:23
14	BCTB1	5224008	ld04s13.d	00:46
15	BCOR3	5224005	ld04s14.d	01:08
16	AR502	5224372	ld04s16.d	01:53
17	AR801	5224373	ld04s17.d	02:15
18	AR803	5224374	ld04s18.d	02:37
19	AR804	5224375	ld04s19.d	03:00
20	M010T	5221598	ld04s21.d	04:29

COMMENTS: L073381AA

0076

5A

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Lab File ID: ln29t01.d BFB Injection Date: 11/29/07

Instrument ID: HP09915 BFB Injection Time: 16:55

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

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	15.4
75	30.0 - 60.0% of mass 95	44.5
95	Base peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.8
173	Less than 2.0% of mass 174	0.4 (0.5)1
174	Greater than 50.0% of mass 95	77.8
175	5.0 - 9.0% of mass 174	5.3 (6.8)1
176	Greater than 95.0%, but less than 101.0% of mass 174	75.4 (96.8)1
177	5.0 - 9.0% of mass 176	4.8 (6.4)2

1-Value is % mass 174 2-Value is % mass 176

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	VSTD020	VSTD020	ln29i10.d	11/29/07	21:45
02	VSTD010	VSTD010	ln29i11.d	11/29/07	22:07
03	VSTD004	VSTD004	ln29i12.d	11/29/07	22:31
04	1PPBMDL	1PPBMDL	ln29m03.d	11/29/07	22:53
05	VSTD300	VSTD300	ln29i13.d	11/29/07	23:15
06	VSTD100	VSTD100	ln29i14.d	11/29/07	23:38
07	VSTD050	VSTD050	ln29i15.d	11/30/07	00:00
08	LCSICV	LCSICV	ln29l01.d	11/30/07	01:19

0077

5A

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Lab File ID: ld04t01.d BFB Injection Date: 12/04/07

Instrument ID: HP09915 BFB Injection Time: 17:03

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

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	15.5
75	30.0 - 60.0% of mass 95	45.6
95	Base peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.6
173	Less than 2.0% of mass 174	0.6 (0.7)1
174	Greater than 50.0% of mass 95	80.3
175	5.0 - 9.0% of mass 174	5.9 (7.4)1
176	Greater than 95.0%, but less than 101.0% of mass 174	76.9 (95.8)1
177	5.0 - 9.0% of mass 176	5.0 (6.6)2

1-Value is % mass 174 2-Value is % mass 176

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	VSTD100	VSTD100	ld04c01.d	12/04/07	17:24
02	VBLKL37	VBLKL37	ld04b01.d	12/04/07	18:09
03	LCSL37	LCSL37	ld04l01.d	12/04/07	18:54
04	BCT23	5223994	ld04s01.d	12/04/07	20:17
05	BC123	5223995	ld04s02.d	12/04/07	20:40
06	BCT05	5223996	ld04s03.d	12/04/07	21:02
07	BCD02	5223997	ld04s04.d	12/04/07	21:25
08	BCD02MS	5223998	ld04s05.d	12/04/07	21:47
09	BCD02MSD	5223999	ld04s06.d	12/04/07	22:09
10	BCD01	5224001	ld04s07.d	12/04/07	22:32
11	BCD08	5224002	ld04s08.d	12/04/07	22:54
12	BCOR2	5224003	ld04s09.d	12/04/07	23:16
13	BCOS2	5224004	ld04s10.d	12/04/07	23:39
14	BCOS3	5224006	ld04s11.d	12/05/07	00:01
15	BCEB1	5224007	ld04s12.d	12/05/07	00:23
16	BCTB1	5224008	ld04s13.d	12/05/07	00:46
17	BCOR3	5224005	ld04s14.d	12/05/07	01:08
18	AR502	5224372	ld04s16.d	12/05/07	01:53
19	AR801	5224373	ld04s17.d	12/05/07	02:15
20	AR803	5224374	ld04s18.d	12/05/07	02:37
21	AR804	5224375	ld04s19.d	12/05/07	03:00
22	M010T	5221598	ld04s21.d	12/05/07	04:29

0078

8A

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Lab File ID (Standard): ld04c01.d Date Analyzed: 12/04/07

Instrument ID: HP09915 Time Analyzed: 17:24

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

	IS1(TBA) AREA	#	RT	#	IS2(FBZ) AREA	#	RT	#	IS3(CBZ) AREA	#	RT	#	IS4(DCB) AREA	#	RT	#
12 HOUR STD	231200		4.073		1281593		7.562		943071		11.060		548035		12.938	
UPPER LIMIT	462400		4.573		2563186		8.062		1886142		11.560		1096070		13.438	
LOWER LIMIT	115600		3.573		640796		7.062		471536		10.560		274018		12.438	
EPA SAMPLE NO.																
01 VBLKL37	220393		4.067		1244160		7.558		905568		11.060		498368		12.938	
02 LCSL37	222123		4.067		1254509		7.552		911867		11.057		514545		12.938	
03 BCT23					1250301		7.555		912611		11.060		503058		12.938	
04 BC123					1223070		7.558		889183		11.057		483570		12.938	
05 BCT05					1191625		7.558		872849		11.060		473549		12.938	
06 BCD02	205170		4.070		1192523		7.558		869000		11.060		471942		12.938	
07 BCD02MS	212871		4.070		1225974		7.559		893882		11.060		509523		12.938	
08 BCD02MSD	216770		4.070		1250645		7.559		904899		11.057		514826		12.938	
09 BCD01					1220636		7.555		888177		11.060		484078		12.938	
10 BCD08					1197343		7.555		873505		11.057		475243		12.938	
11 BCOR2					1189375		7.559		867369		11.060		468767		12.938	
12 BCOS2					1157748		7.558		839267		11.060		451044		12.938	
13 BCOS3					1164757		7.555		846200		11.060		466735		12.938	
14 BCEB1					1149150		7.555		835249		11.060		451277		12.938	
15 BCTB1					1142507		7.558		828400		11.060		448748		12.938	
16 BCOR3					1129931		7.559		825230		11.060		445222		12.938	
17 AR502					1116342		7.559		810179		11.060		434034		12.938	
18 AR801					1045481		7.558		762185		11.060		409233		12.938	
19 AR803					1084899		7.558		799532		11.060		441322		12.938	
20 AR804					1129977		7.562		821310		11.060		440875		12.938	
21 M010T					1147488		7.562		828158		11.060		461813		12.938	

IS1 (TBA)=t-Butyl Alcohol-d10
IS2 (FBZ)=Fluorobenzene
IS3 (CBZ)=Chlorobenzene-d5
IS4 (DCB)=1,4-Dichlorobenzene-d4

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

8879

Column used to flag values outside QC limits with an asterisk
* Values outside of QC limits.

FORM VIII VOA

Sample Data

1A.

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCT23

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 5223994

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: HP09915.i/07dec04a.b/1d04s01.d

Level: (low/med) LOW Date Received: 11/30/07

Moisture: not dec. _____ Date Analyzed: 12/04/07

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
74-87-3	Chloromethane	5	U
75-01-4	Vinyl Chloride	5	U
74-83-9	Bromomethane	5	U
75-00-3	Chloroethane	5	U
75-69-4	Trichlorofluoromethane	5	U
75-35-4	1,1-Dichloroethene	5	U
75-09-2	Methylene Chloride	5	U
156-60-5	trans-1,2-Dichloroethene	5	U
1634-04-4	Methyl Tertiary Butyl Ether	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
156-59-2	cis-1,2-Dichloroethene	5	U
67-66-3	Chloroform	5	U
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
71-43-2	Benzene	5	U
107-06-2	1,2-Dichloroethane	5	U
79-01-6	Trichloroethene	5	U
78-87-5	1,2-Dichloropropane	5	U
75-27-4	Bromodichloromethane	5	U
110-75-8	2-Chloroethyl Vinyl Ether	10	U
10061-01-5	cis-1,3-Dichloropropene	5	U
108-88-3	Toluene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
79-00-5	1,1,2-Trichloroethane	5	U
127-18-4	Tetrachloroethene	5	U
124-48-1	Dibromochloromethane	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
1330-20-7	m+p-Xylene	5	U

0061

FORM I VOA

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCT23

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 5223994

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: HP09915.i/07dec04a.b/ld04s01.d

Level: (low/med) LOW Date Received: 11/30/07

Moisture: not dec. _____ Date Analyzed: 12/04/07

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L		Q
1330-20-7	Xylene (Total)		5	U
95-47-6	o-Xylene		5	U
75-25-2	Bromoform		5	U
79-34-5	1,1,2,2-Tetrachloroethane		5	U
541-73-1	1,3-Dichlorobenzene		5	U
106-46-7	1,4-Dichlorobenzene		5	U
95-50-1	1,2-Dichlorobenzene		5	U

0082

BCT23

Lancaster Laboratories
Quantitation Report GC/MS Volatiles

5223994

File: /chem/HP09915.i/07dec04a.b/ld04s01.d
Sample: BCT23;5223994;1;0;;;;;;
Injected At:04-DEC-2007 20:17
Calibration Time: 29-NOV-2007 21:45
Target Method: L8260W.m
Blank Reference: ld04b01.d
Sublist: CBN

Sample Concentration Formula: On-Column Amount * (Vt/Vo)
Batch:L073381AA
Analyst:SEW02002
Instrument ID:HP09915.i
Standard Reference: ld04c01.d
Prep Factor:1.00
Units: ug/L

Matrix: WATER
Level: Low
Sample Wt./Vol.: 5.0000 ml (Vo)
Volume Purged: 5.0 ml (Vt)

Bottle Code:38A

Internal Standards	RT(+/-RT)	Scan	QIon	Area(+/- %Area)	Conc(ext)	QC Flag
71) Fluorobenzene	7.555(0.006)	1858	96	1250301(-2)	50.00	
101) Chlorobenzene-d5	11.060(0.000)	2948	117	912611(-3)	50.00	
132) 1,4-Dichlorobenzene-d4	12.938(0.000)	3532	152	503058(-8)	50.00	

= RETENTION TIME OUT OF RANGE * = INTERNAL STANDARD OUT OF RANGE NC = NOT ABLE TO CALCULATE

Surrogate Standards	I.S. Ref.	RT (+/-RRT)	QIon	Area	Conc. (on column)	%Rec.	QC flags	QC Limits
51) Dibromofluoromethane	(1)	6.629(0.000)	113	304544	53.068	106%		80 - 116
62) 1,2-Dichloroethane-d4	(1)	7.092(-0.001)	102	71383	52.544	105%		77 - 113
89) Toluene-d8	(2)	9.597(0.000)	98	1209186	53.314	107%		80 - 113
113) 4-Bromofluorobenzene	(2)	12.054(0.000)	95	458433	48.303	97%		78 - 113

= RELATIVE RETENTION TIME OUT OF RANGE * = PERCENT REC.OUT OF RANGE D = DILUTED OUT NC = NOT ABLE TO CALCULATE

Target Compounds	I.S. Ref.	RT (+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Reporting Qual.	Limit	LOQ
2) Chloromethane	(1)				ND	ND			1.00	5.00
3) Vinyl Chloride	(1)				ND	ND			1.00	5.00
6) Bromomethane	(1)				ND	ND			1.00	5.00
7) Chloroethane	(1)				ND	ND			1.00	5.00
8) Trichlorofluoromethane	(1)				ND	ND			2.00	5.00
16) 1,1-Dichloroethene	(1)				ND	ND			0.80	5.00
26) Methylene Chloride	(1)				ND	ND			2.00	5.00
30) trans-1,2-Dichloroethene	(1)				ND	ND			0.80	5.00
31) Methyl Tertiary Butyl Ether	(1)				ND	ND			0.50	5.00
40) 1,2-Dichloroethene (total)	(1)				ND	ND			0.80	5.00
36) 1,1-Dichloroethane	(1)				ND	ND			1.00	5.00
42) cis-1,2-Dichloroethene	(1)				ND	ND			0.80	5.00
49) Chloroform	(1)				ND	ND			0.80	5.00
54) 1,1,1-Trichloroethane	(1)				ND	ND			0.80	5.00
59) Carbon Tetrachloride	(1)				ND	ND			1.00	5.00
64) Benzene	(1)				ND	ND			0.50	5.00
65) 1,2-Dichloroethane	(1)				ND	ND			1.00	5.00
74) Trichloroethene	(1)				ND	ND			1.00	5.00
77) 1,2-Dichloropropane	(1)				ND	ND			1.00	5.00
82) Bromodichloromethane	(1)				ND	ND			1.00	5.00
84) 2-Chloroethyl Vinyl Ether	(1)				ND	ND			2.00	10.00
85) cis-1,3-Dichloropropene	(1)				ND	ND			1.00	5.00
90) Toluene	(2)				ND	ND			0.70	5.00
91) trans-1,3-Dichloropropene	(2)				ND	ND			1.00	5.00

E = CONC. OUT OF CAL. RANGE # = RELATIVE RETENTION TIME OUT OF RANGE

BCT23

Lancaster Laboratories
Quantitation Report GC/MS Volatiles

5223994

File: /chem/HP09915.i/07dec04a.b/ld04s01.d
Sample: BCT23;5223994;1;0;;;;;;
Injected At:04-DEC-2007 20:17
Calibration Time: 29-NOV-2007 21:45
Target Method: L8260W.m
Blank Reference: ld04b01.d
Sublist: CBN

Sample Concentration Formula: On-Column Amount * (Vt/Vo)
Batch:L073381AA
Analyst:SEW02002
Instrument ID:HP09915.i
Standard Reference: ld04c01.d
Prep Factor:1.00
Units: ug/L

Matrix: WATER
Level: Low
Sample Wt./Vol.: 5.0000 ml (Vo)
Volume Purged: 5.0 ml (Vt)
Bottle Code:38A

Target Compounds	I.S. Ref.	RT	(+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit	LOQ
93) 1,1,2-Trichloroethane	(2)					ND	ND			0.80	5.00
94) Tetrachloroethene	(2)					ND	ND			0.80	5.00
98) Dibromochloromethane	(2)					ND	ND			1.00	5.00
102) Chlorobenzene	(2)					ND	ND			0.80	5.00
104) Ethylbenzene	(2)					ND	ND			0.80	5.00
105) m+p-Xylene	(2)					ND	ND			0.80	5.00
106) Xylene (Total)	(2)					ND	ND			0.80	5.00
107) o-Xylene	(2)					ND	ND			0.80	5.00
109) Bromoform	(2)					ND	ND			1.00	5.00
116) 1,1,2,2-Tetrachloroethane	(3)					ND	ND			1.00	5.00
131) 1,3-Dichlorobenzene	(3)					ND	ND			1.00	5.00
133) 1,4-Dichlorobenzene	(3)					ND	ND			1.00	5.00
139) 1,2-Dichlorobenzene	(3)					ND	ND			1.00	5.00

E = CONC. OUT OF CAL. RANGE # = RELATIVE RETENTION TIME OUT OF RANGE

Comments:

Analyst: SEW02002 Date: 12/4/07

Auditor: Date: 12-5-07

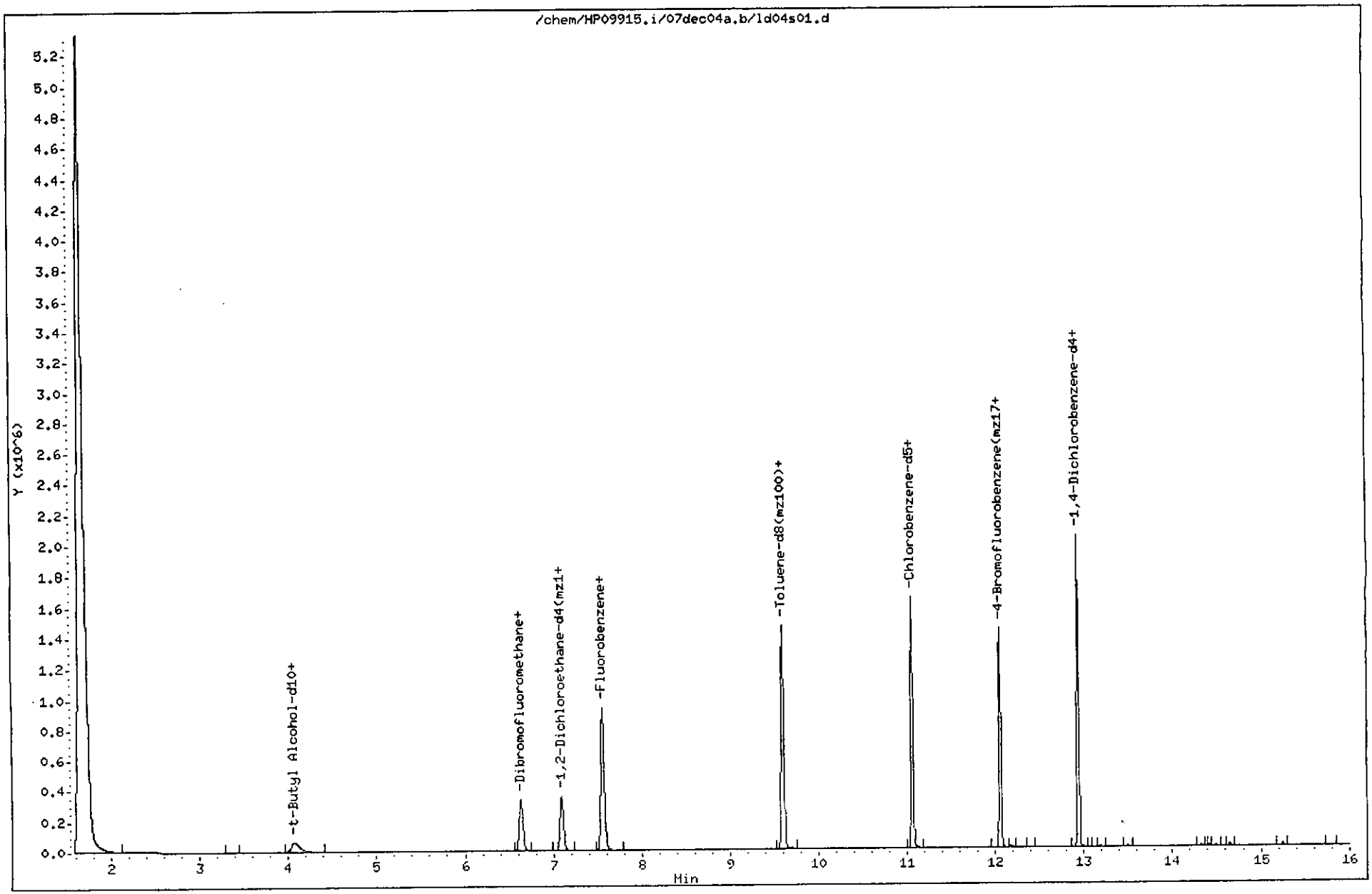
0004

Data File: /chem/HP09915.i/07dec04a.b/ld04s01.d
Date : 04-DEC-2007 20:17
Client ID: BCT23
Sample Info: BCT23;5223994;1;0;;;;;;
Purge Volume: 5.0
Column phase: DB-624

Instrument: HP09915.i

Operator: SEW02002
Column diameter: 0.25

0085



Quant Report

Target Revision 3.5

Data File: /chem/HP09915.i/07dec04a.b/ld04s01.d Instrument ID: HP09915.i
Injection date and time: 04-DEC-2007 20:17 Analyst ID: SEW02002

Method used: /chem/HP09915.i/07dec04a.b/L8260W.m Sublist used: CBN
Calibration date and time: 29-NOV-2007 21:45
Date, time and analyst ID of latest file update: 04-Dec-2007 22:28 sew02002

Sample Name: BCT23 Lab Sample ID: 5223994

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
71)*Fluorobenzene	(1)	7.555	96	1250301	50.000
101)*Chlorobenzene-d5	(2)	11.060	117	912611	50.000
132)*1,4-Dichlorobenzene-d4	(3)	12.938	152	503058	50.000
51)$Dibromofluoromethane	(1)	6.629	113	304544	53.068
62)$1,2-Dichloroethane-d4	(1)	7.092	102	71383	52.544
89)$Toluene-d8	(2)	9.597	98	1209186	53.314
113)$4-Bromofluorobenzene	(2)	12.054	95	458433	48.303

* = Compound is an internal standard.
$ = Compound is a surrogate standard.

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BC123

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 5223995

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: HP09915.i/07dec04a.b/ld04s02.d

Level: (low/med) LOW Date Received: 11/30/07

Moisture: not dec. _____ Date Analyzed: 12/04/07

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
74-87-3	Chloromethane	5	U
75-01-4	Vinyl Chloride	5	U
74-83-9	Bromomethane	5	U
75-00-3	Chloroethane	5	U
75-69-4	Trichlorofluoromethane	5	U
75-35-4	1,1-Dichloroethene	5	U
75-09-2	Methylene Chloride	5	U
156-60-5	trans-1,2-Dichloroethene	5	U
1634-04-4	Methyl Tertiary Butyl Ether	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
156-59-2	cis-1,2-Dichloroethene	5	U
67-66-3	Chloroform	5	U
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
71-43-2	Benzene	5	U
107-06-2	1,2-Dichloroethane	5	U
79-01-6	Trichloroethene	5	U
78-87-5	1,2-Dichloropropane	5	U
75-27-4	Bromodichloromethane	5	U
110-75-8	2-Chloroethyl Vinyl Ether	10	U
10061-01-5	cis-1,3-Dichloropropene	5	U
108-88-3	Toluene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
79-00-5	1,1,2-Trichloroethane	5	U
127-18-4	Tetrachloroethene	5	U
124-48-1	Dibromochloromethane	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
1330-20-7	m+p-Xylene	5	U

0067

FORM I VOA

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BC123

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 5223995

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: HP09915.i/07dec04a.b/ld04s02.d

Level: (low/med) LOW Date Received: 11/30/07

Moisture: not dec. _____ Date Analyzed: 12/04/07

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L		Q
1330-20-7	Xylene (Total)		5	U
95-47-6	o-Xylene		5	U
75-25-2	Bromoform		5	U
79-34-5	1,1,2,2-Tetrachloroethane		5	U
541-73-1	1,3-Dichlorobenzene		5	U
106-46-7	1,4-Dichlorobenzene		5	U
95-50-1	1,2-Dichlorobenzene		5	U

BC123

Lancaster Laboratories
Quantitation Report GC/MS Volatiles

5223995

File: /chem/HP09915.i/07dec04a.b/ld04s02.d
Sample: BC123;5223995;1;0;;;;;;
Injected At:04-DEC-2007 20:40
Calibration Time: 29-NOV-2007 21:45
Target Method: L8260W.m
Blank Reference: ld04b01.d
Sublist: CBN

Sample Concentration Formula: On-Column Amount * (Vt/Vo)
Batch:L073381AA
Analyst:SEW02002
Instrument ID:HP09915.i
Standard Reference: ld04c01.d
Prep Factor:1.00
Units: ug/L

Matrix: WATER
Level: Low
Sample Wt./Vol.: 5.0000 ml (Vo)
Volume Purged: 5.0 ml (Vt)

Bottle Code:38A

Internal Standards	RT(+/-RT)	Scan	QIon	Area(+/- %Area)	Conc(ext)	QC Flag
71) Fluorobenzene	7.559(0.003)	1859	96	1223070(-5)	50.00	
101) Chlorobenzene-d5	11.057(0.003)	2947	117	889183(-6)	50.00	
132) 1,4-Dichlorobenzene-d4	12.938(0.000)	3532	152	483570(-12)	50.00	

= RETENTION TIME OUT OF RANGE * = INTERNAL STANDARD OUT OF RANGE NC = NOT ABLE TO CALCULATE

Surrogate Standards	I.S. Ref.	RT (+/-RRT)	QIon	Area	Conc. (on column)	%Rec.	QC flags	QC Limits
51) Dibromofluoromethane	(1)	6.633(0.000)	113	299683	53.384	107%		80 - 116
62) 1,2-Dichloroethane-d4	(1)	7.089(0.000)	102	69663	52.420	105%		77 - 113
89) Toluene-d8	(2)	9.597(0.000)	98	1165677	52.749	105%		80 - 113
113) 4-Bromofluorobenzene	(2)	12.054(0.000)	95	445933	48.224	96%		78 - 113

= RELATIVE RETENTION TIME OUT OF RANGE * = PERCENT REC.OUT OF RANGE D = DILUTED OUT NC = NOT ABLE TO CALCULATE

Target Compounds	I.S. Ref.	RT (+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit	LOQ
2) Chloromethane	(1)				ND	ND			1.00	5.00
3) Vinyl Chloride	(1)				ND	ND			1.00	5.00
6) Bromomethane	(1)				ND	ND			1.00	5.00
7) Chloroethane	(1)				ND	ND			1.00	5.00
8) Trichlorofluoromethane	(1)				ND	ND			2.00	5.00
16) 1,1-Dichloroethene	(1)				ND	ND			0.80	5.00
26) Methylene Chloride	(1)				ND	ND			2.00	5.00
30) trans-1,2-Dichloroethene	(1)				ND	ND			0.80	5.00
31) Methyl Tertiary Butyl Ether	(1)				ND	ND			0.50	5.00
40) 1,2-Dichloroethene (total)	(1)				ND	ND			0.80	5.00
36) 1,1-Dichloroethane	(1)				ND	ND			1.00	5.00
42) cis-1,2-Dichloroethene	(1)				ND	ND			0.80	5.00
49) Chloroform	(1)				ND	ND			0.80	5.00
54) 1,1,1-Trichloroethane	(1)				ND	ND			0.80	5.00
59) Carbon Tetrachloride	(1)				ND	ND			1.00	5.00
64) Benzene	(1)				ND	ND			0.50	5.00
65) 1,2-Dichloroethane	(1)				ND	ND			1.00	5.00
74) Trichloroethene	(1)				ND	ND			1.00	5.00
77) 1,2-Dichloropropane	(1)				ND	ND			1.00	5.00
82) Bromodichloromethane	(1)				ND	ND			1.00	5.00
84) 2-Chloroethyl Vinyl Ether	(1)				ND	ND			2.00	10.00
85) cis-1,3-Dichloropropene	(1)				ND	ND			1.00	5.00
90) Toluene	(2)				ND	ND			0.70	5.00
91) trans-1,3-Dichloropropene	(2)				ND	ND			1.00	5.00

E = CONC. OUT OF CAL. RANGE # = RELATIVE RETENTION TIME OUT OF RANGE

BC123

Lancaster Laboratories
Quantitation Report GC/MS Volatiles

5223995

File: /chem/HP09915.i/07dec04a.b/ld04s02.d
Sample: BC123;5223995;1;0;;;;;;
Injected At:04-DEC-2007 20:40
Calibration Time: 29-NOV-2007 21:45
Target Method: L8260W.m
Blank Reference: ld04b01.d
Sublist: CBN

Sample Concentration Formula: On-Column Amount * (Vt/Vo)
Batch:L073381AA
Analyst:SEW02002
Instrument ID:HP09915.i
Standard Reference: ld04c01.d
Prep Factor:1.00
Units: ug/L

Matrix: WATER
Level: Low
Sample Wt./Vol.: 5.0000 ml (Vo)
Volume Purged: 5.0 ml (Vt)
Bottle Code:38A

Target Compounds	I.S. Ref.	RT	(+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit	LOQ
93) 1,1,2-Trichloroethane	(2)					ND	ND			0.80	5.00
94) Tetrachloroethene	(2)					ND	ND			0.80	5.00
98) Dibromochloromethane	(2)					ND	ND			1.00	5.00
102) Chlorobenzene	(2)					ND	ND			0.80	5.00
104) Ethylbenzene	(2)					ND	ND			0.80	5.00
105) m+p-Xylene	(2)					ND	ND			0.80	5.00
106) Xylene (Total)	(2)					ND	ND			0.80	5.00
107) o-Xylene	(2)					ND	ND			0.80	5.00
109) Bromoform	(2)					ND	ND			1.00	5.00
116) 1,1,2,2-Tetrachloroethane	(3)					ND	ND			1.00	5.00
131) 1,3-Dichlorobenzene	(3)					ND	ND			1.00	5.00
133) 1,4-Dichlorobenzene	(3)					ND	ND			1.00	5.00
139) 1,2-Dichlorobenzene	(3)					ND	ND			1.00	5.00

E = CONC. OUT OF CAL. RANGE # = RELATIVE RETENTION TIME OUT OF RANGE

Comments:

Analyst: SEW 002 Date: 12/4/07

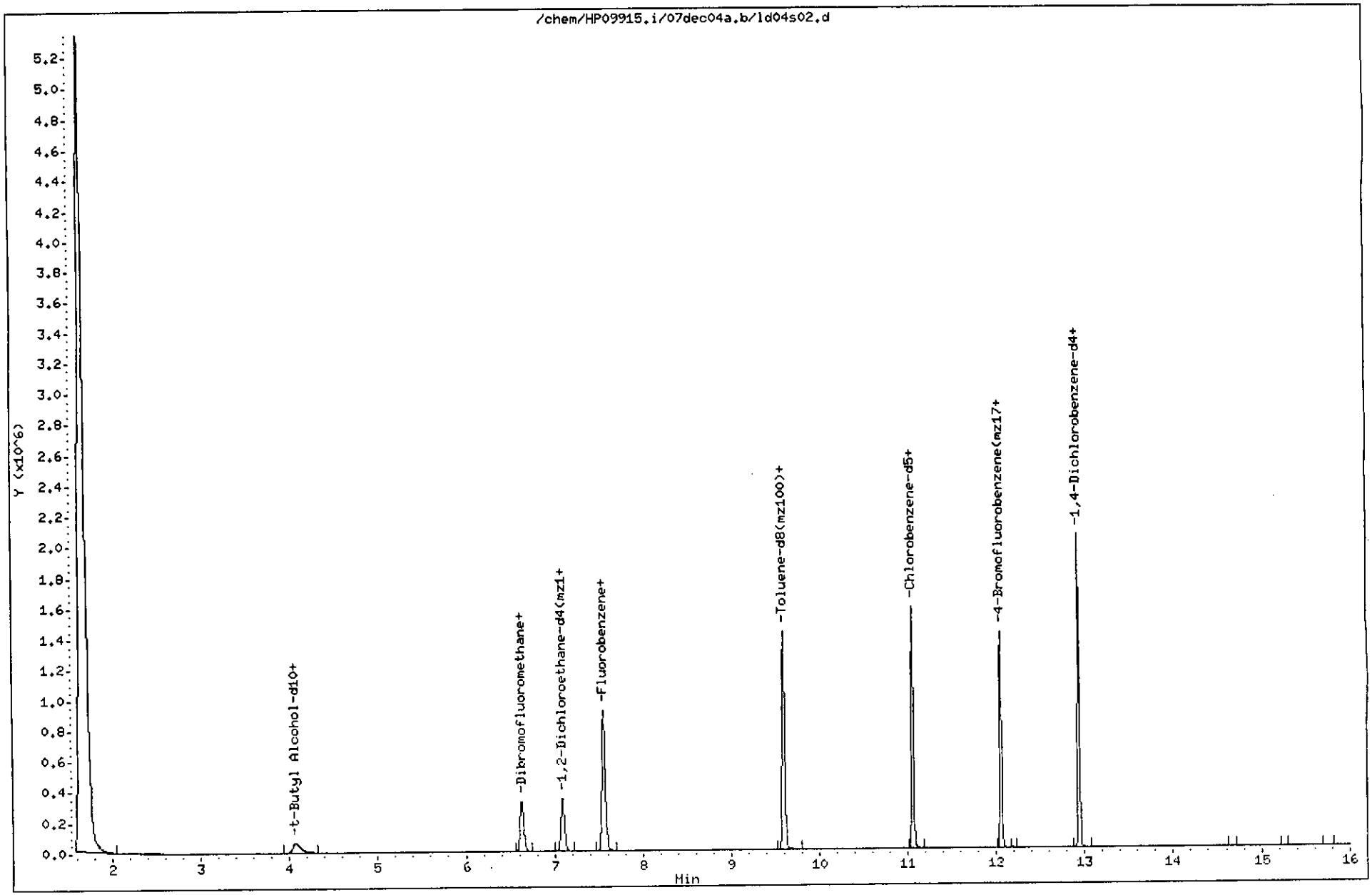
Auditor: Date: 12-5-07

0090

Data File: /chem/HP09915.i/07dec04a.b/ld04s02.d
Date : 04-DEC-2007 20:40
Client ID: BC123
Sample Info: BC123;5223995;1;0;;;;;;
Purge Volume: 5.0
Column phase: DB-624

Instrument: HP09915.i

Operator: SEW02002
Column diameter: 0.25



Quant Report

Target Revision 3.5

Data File: /chem/HP09915.i/07dec04a.b/ld04s02.d Instrument ID: HP09915.i
Injection date and time: 04-DEC-2007 20:40 Analyst ID: SEW02002

Method used: /chem/HP09915.i/07dec04a.b/L8260W.m Sublist used: CBN
Calibration date and time: 29-NOV-2007 21:45
Date, time and analyst ID of latest file update: 04-Dec-2007 22:29 sew02002

Sample Name: BC123 Lab Sample ID: 5223995

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
71)*Fluorobenzene	(1)	7.559	96	1223070	50.000
101)*Chlorobenzene-d5	(2)	11.057	117	889183	50.000
132)*1,4-Dichlorobenzene-d4	(3)	12.938	152	483570	50.000
51)$Dibromofluoromethane	(1)	6.633	113	299683	53.384
62)$1,2-Dichloroethane-d4	(1)	7.089	102	69663	52.420
89)$Toluene-d8	(2)	9.597	98	1165677	52.749
113)$4-Bromofluorobenzene	(2)	12.054	95	445933	48.224

* = Compound is an internal standard.
$ = Compound is a surrogate standard.

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCT05

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 5223996

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: HP09915.i/07dec04a.b/ld04s03.d

Level: (low/med) LOW Date Received: 11/30/07

Moisture: not dec. _____ Date Analyzed: 12/04/07

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
74-87-3	Chloromethane	5	U
75-01-4	Vinyl Chloride	5	U
74-83-9	Bromomethane	5	U
75-00-3	Chloroethane	5	U
75-69-4	Trichlorofluoromethane	5	U
75-35-4	1,1-Dichloroethene	5	U
75-09-2	Methylene Chloride	5	U
156-60-5	trans-1,2-Dichloroethene	5	U
1634-04-4	Methyl Tertiary Butyl Ether	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
156-59-2	cis-1,2-Dichloroethene	5	U
67-66-3	Chloroform	5	U
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
71-43-2	Benzene	5	U
107-06-2	1,2-Dichloroethane	5	U
79-01-6	Trichloroethene	5	U
78-87-5	1,2-Dichloropropane	5	U
75-27-4	Bromodichloromethane	5	U
110-75-8	2-Chloroethyl Vinyl Ether	10	U
10061-01-5	cis-1,3-Dichloropropene	5	U
108-88-3	Toluene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
79-00-5	1,1,2-Trichloroethane	5	U
127-18-4	Tetrachloroethene	5	U
124-48-1	Dibromochloromethane	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
1330-20-7	m+p-Xylene	5	U

0893

FORM I VOA

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCT05

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 5223996

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: HP09915.i/07dec04a.b/ld04s03.d

Level: (low/med) LOW Date Received: 11/30/07

Moisture: not dec. _____ Date Analyzed: 12/04/07

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
1330-20-7	Xylene (Total)	5	U
95-47-6	o-Xylene	5	U
75-25-2	Bromoform	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
541-73-1	1,3-Dichlorobenzene	5	U
106-46-7	1,4-Dichlorobenzene	5	U
95-50-1	1,2-Dichlorobenzene	5	U

0094

FORM I VOA

BCT05

Lancaster Laboratories
Quantitation Report GC/MS Volatiles

5223996

File: /chem/HP09915.i/07dec04a.b/ld04s03.d
Sample: BCT05;5223996;1;0;;;;;;
Injected At:04-DEC-2007 21:02
Calibration Time: 29-NOV-2007 21:45
Target Method: L8260W.m
Blank Reference: ld04b01.d
Sublist: CBN

Sample Concentration Formula: On-Column Amount * (Vt/Vo)
Batch:L073381AA
Analyst:SEW02002
Instrument ID:HP09915.i
Standard Reference: ld04c01.d
Prep Factor:1.00
Units: ug/L

Matrix: WATER
Level: Low
Sample Wt./Vol.: 5.0000 ml (Vo)
Volume Purged: 5.0 ml (Vt)
Bottle Code:38A

Internal Standards	RT(+/-RT)	Scan	QIon	Area(+/- %Area)	Conc(ext)	QC Flag
71) Fluorobenzene	7.558(0.003)	1859	96	1191625(-7)	50.00	
101) Chlorobenzene-d5	11.060(0.000)	2948	117	872849(-7)	50.00	
132) 1,4-Dichlorobenzene-d4	12.938(0.000)	3532	152	473549(-14)	50.00	

= RETENTION TIME OUT OF RANGE * = INTERNAL STANDARD OUT OF RANGE NC = NOT ABLE TO CALCULATE

Surrogate Standards	I.S. Ref.	RT (+/-RRT)	QIon	Area	Conc. (on column)	%Rec.	QC flags	QC Limits
51) Dibromofluoromethane	(1)	6.632(0.000)	113	291753	53.343	107%		80 - 116
62) 1,2-Dichloroethane-d4	(1)	7.095(-0.001)	102	68045	52.553	105%		77 - 113
89) Toluene-d8	(2)	9.600(0.000)	98	1150545	53.039	106%		80 - 113
113) 4-Bromofluorobenzene	(2)	12.057(0.000)	95	435356	47.961	96%		78 - 113

= RELATIVE RETENTION TIME OUT OF RANGE * = PERCENT REC.OUT OF RANGE D = DILUTED OUT NC = NOT ABLE TO CALCULATE

Target Compounds	I.S. Ref.	RT (+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit	LOQ
2) Chloromethane	(1)				ND	ND			1.00	5.00
3) Vinyl Chloride	(1)				ND	ND			1.00	5.00
6) Bromomethane	(1)				ND	ND			1.00	5.00
7) Chloroethane	(1)				ND	ND			1.00	5.00
8) Trichlorofluoromethane	(1)				ND	ND			2.00	5.00
16) 1,1-Dichloroethene	(1)				ND	ND			0.80	5.00
26) Methylene Chloride	(1)				ND	ND			2.00	5.00
30) trans-1,2-Dichloroethene	(1)				ND	ND			0.80	5.00
31) Methyl Tertiary Butyl Ether	(1)				ND	ND			0.50	5.00
40) 1,2-Dichloroethene (total)	(1)				ND	ND			0.80	5.00
36) 1,1-Dichloroethane	(1)				ND	ND			1.00	5.00
42) cis-1,2-Dichloroethene	(1)				ND	ND			0.80	5.00
49) Chloroform	(1)				ND	ND			0.80	5.00
54) 1,1,1-Trichloroethane	(1)				ND	ND			0.80	5.00
59) Carbon Tetrachloride	(1)				ND	ND			1.00	5.00
64) Benzene	(1)				ND	ND			0.50	5.00
65) 1,2-Dichloroethane	(1)				ND	ND			1.00	5.00
74) Trichloroethene	(1)				ND	ND			1.00	5.00
77) 1,2-Dichloropropane	(1)				ND	ND			1.00	5.00
82) Bromodichloromethane	(1)				ND	ND			1.00	5.00
84) 2-Chloroethyl Vinyl Ether	(1)				ND	ND			2.00	10.00
85) cis-1,3-Dichloropropene	(1)				ND	ND			1.00	5.00
90) Toluene	(2)				ND	ND			0.70	5.00
91) trans-1,3-Dichloropropene	(2)				ND	ND			1.00	5.00

E = CONC. OUT OF CAL. RANGE # = RELATIVE RETENTION TIME OUT OF RANGE

BCT05

Lancaster Laboratories
Quantitation Report GC/MS Volatiles

5223996

File: /chem/HP09915.i/07dec04a.b/ld04s03.d
Sample: BCT05;5223996;1;0;;;;;;
Injected At:04-DEC-2007 21:02
Calibration Time: 29-NOV-2007 21:45
Target Method: L8260W.m
Blank Reference: ld04b01.d
Sublist: CBN

Sample Concentration Formula: On-Column Amount * (Vt/Vo)
Batch:L073381AA
Analyst:SEW02002
Instrument ID:HP09915.i
Standard Reference: ld04c01.d
Prep Factor:1.00
Units: ug/L

Matrix: WATER
Level: Low
Sample Wt./Vol.: 5.0000 ml (Vo)
Volume Purged: 5.0 ml (Vt)
Bottle Code:38A

Target Compounds	I.S. Ref.	RT	(+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit	LOQ
93) 1,1,2-Trichloroethane	(2)					ND	ND			0.80	5.00
94) Tetrachloroethene	(2)					ND	ND			0.80	5.00
98) Dibromochloromethane	(2)					ND	ND			1.00	5.00
102) Chlorobenzene	(2)					ND	ND			0.80	5.00
104) Ethylbenzene	(2)					ND	ND			0.80	5.00
105) m+p-Xylene	(2)					ND	ND			0.80	5.00
106) Xylene (Total)	(2)					ND	ND			0.80	5.00
107) o-Xylene	(2)					ND	ND			0.80	5.00
109) Bromoform	(2)					ND	ND			1.00	5.00
116) 1,1,2,2-Tetrachloroethane	(3)					ND	ND			1.00	5.00
131) 1,3-Dichlorobenzene	(3)					ND	ND			1.00	5.00
133) 1,4-Dichlorobenzene	(3)					ND	ND			1.00	5.00
139) 1,2-Dichlorobenzene	(3)					ND	ND			1.00	5.00

E = CONC OUT OF CAL. RANGE # = RELATIVE RETENTION TIME OUT OF RANGE

Comments: _____

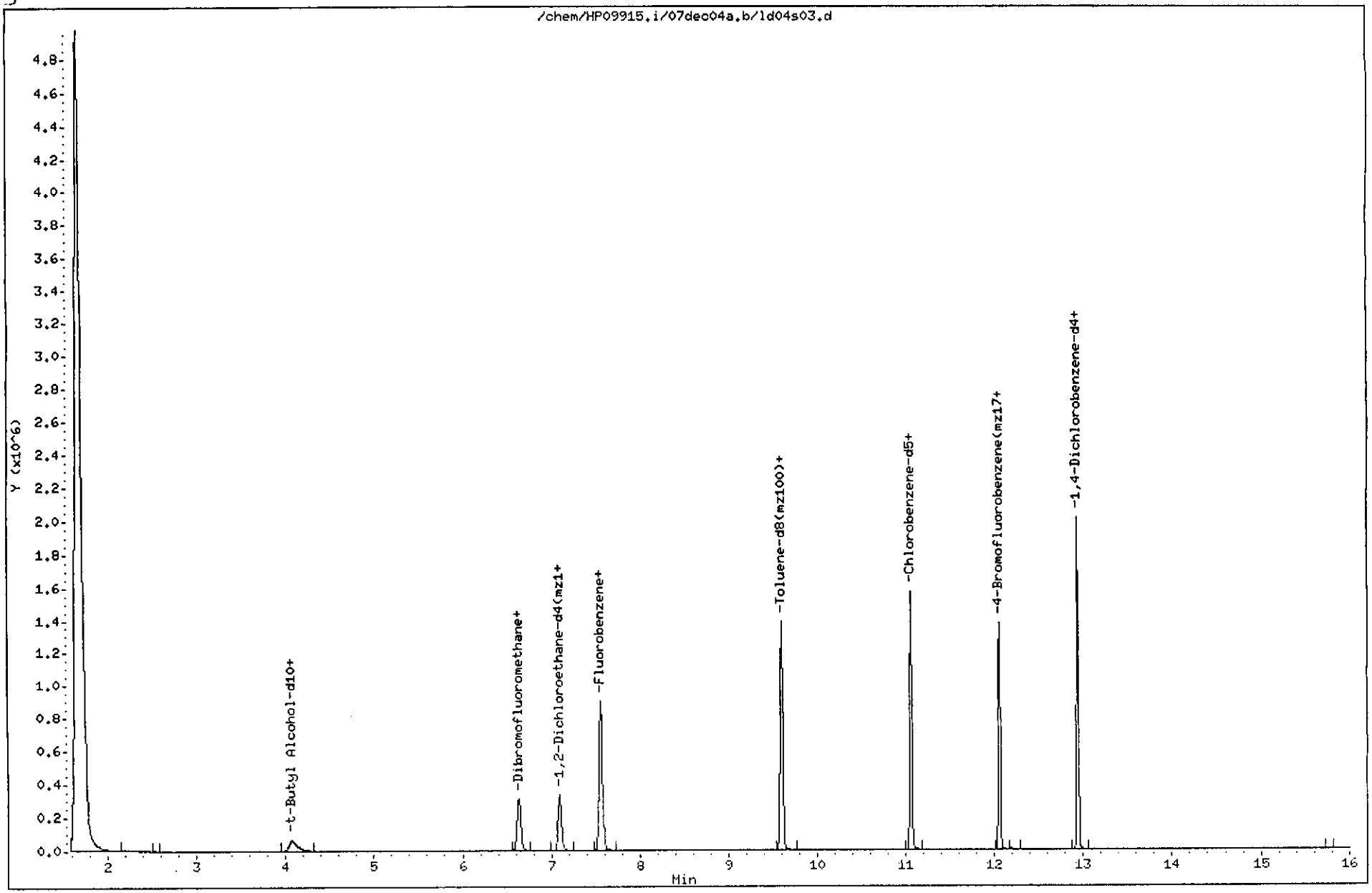
Analyst: SEW002 Date: 12/4/07

Auditor: _____ Date: 12-5-07

0896

Data File: /chem/HP09915.i/07dec04a.b/ld04s03.d
Date : 04-DEC-2007 21:02
Client ID: BCT05
Sample Info: BCT05;5223996;1;0;;;;;;
Purge Volume: 5.0
Column phase: DB-624

Instrument: HP09915.i
Operator: SEW02002
Column diameter: 0.25



Quant Report

Target Revision 3.5

Data File: /chem/HP09915.i/07dec04a.b/ld04s03.d Instrument ID: HP09915.i
Injection date and time: 04-DEC-2007 21:02 Analyst ID: SEW02002

Method used: /chem/HP09915.i/07dec04a.b/L8260W.m Sublist used: CBN
Calibration date and time: 29-NOV-2007 21:45
Date, time and analyst ID of latest file update: 04-Dec-2007 22:31 sew02002

Sample Name: BCT05 Lab Sample ID: 5223996

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
71) *Fluorobenzene	(1)	7.558	96	1191625	50.000
101) *Chlorobenzene-d5	(2)	11.060	117	872849	50.000
132) *1,4-Dichlorobenzene-d4	(3)	12.938	152	473549	50.000
51) $Dibromofluoromethane	(1)	6.632	113	291753	53.343
62) $1,2-Dichloroethane-d4	(1)	7.095	102	68045	52.553
89) $Toluene-d8	(2)	9.600	98	1150545	53.039
113) $4-Bromofluorobenzene	(2)	12.057	95	435356	47.961

* = Compound is an internal standard.
$ = Compound is a surrogate standard.

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCD02

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 5223997

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: HP09915.i/07dec04a.b/ld04s04.d

Level: (low/med) LOW Date Received: 11/30/07

Moisture: not dec. _____ Date Analyzed: 12/04/07

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
74-87-3	Chloromethane	5	U
75-01-4	Vinyl Chloride	5	U
74-83-9	Bromomethane	5	U
75-00-3	Chloroethane	5	U
75-69-4	Trichlorofluoromethane	5	U
75-35-4	1,1-Dichloroethene	5	U
75-09-2	Methylene Chloride	5	U
156-60-5	trans-1,2-Dichloroethene	5	U
1634-04-4	Methyl Tertiary Butyl Ether	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
156-59-2	cis-1,2-Dichloroethene	5	U
67-66-3	Chloroform	5	U
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
71-43-2	Benzene	5	U
107-06-2	1,2-Dichloroethane	5	U
79-01-6	Trichloroethene	5	U
78-87-5	1,2-Dichloropropane	5	U
75-27-4	Bromodichloromethane	5	U
110-75-8	2-Chloroethyl Vinyl Ether	10	U
10061-01-5	cis-1,3-Dichloropropene	5	U
108-88-3	Toluene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
79-00-5	1,1,2-Trichloroethane	5	U
127-18-4	Tetrachloroethene	5	U
124-48-1	Dibromochloromethane	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
1330-20-7	m+p-Xylene	5	U

0099

FORM I VOA

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCD02

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 5223997

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: HP09915.i/07dec04a.b/ld04s04.d

Level: (low/med) LOW Date Received: 11/30/07

Moisture: not dec. _____ Date Analyzed: 12/04/07

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L		Q
1330-20-7	Xylene (Total)		5	U
95-47-6	o-Xylene		5	U
75-25-2	Bromoform		5	U
79-34-5	1,1,2,2-Tetrachloroethane		5	U
541-73-1	1,3-Dichlorobenzene		5	U
106-46-7	1,4-Dichlorobenzene		5	U
95-50-1	1,2-Dichlorobenzene		5	U

0100

BCD02

Lancaster Laboratories
Quantitation Report GC/MS Volatiles

5223997

File: /chem/HP09915.i/07dec04a.b/ld04s04.d
Sample: BCD02;5223997;1;0;;;;;;
Injected At:04-DEC-2007 21:25
Calibration Time: 29-NOV-2007 21:45
Target Method: L8260W.m
Blank Reference: ld04b01.d
Sublist: CBN

Sample Concentration Formula: On-Column Amount * (Vt/Vo)
Batch:L073381AA
Analyst:SEW02002
Instrument ID:HP09915.1
Standard Reference: ld04c01.d
Prep Factor:1.00
Units: ug/L

Matrix: WATER
Level: Low
Sample Wt./Vol.: 5.0000 ml (Vo)
Volume Purged: 5.0 ml (Vt)
Bottle Code:38A

Internal Standards	RT(+/-RT)	Scan	QIon	Area(+/- %Area)	Conc(ext)	QC Flag
71) Fluorobenzene	7.558(0.003)	1859	96	1192523(-7)	50.00	
101) Chlorobenzene-d5	11.060(0.000)	2948	117	869000(-8)	50.00	
132) 1,4-Dichlorobenzene-d4	12.938(0.000)	3532	152	471942(-14)	50.00	

= RETENTION TIME OUT OF RANGE * = INTERNAL STANDARD OUT OF RANGE NC = NOT ABLE TO CALCULATE

Surrogate Standards	I.S. Ref.	RT (+/-RRT)	QIon	Area	Conc. (on column)	%Rec.	QC flags	QC Limits
51) Dibromofluoromethane	(1)	6.632(0.000)	113	292729	53.481	107%		80 - 116
62) 1,2-Dichloroethane-d4	(1)	7.099(-0.001)	102	68597	52.940	106%		77 - 113
89) Toluene-d8	(2)	9.600(0.000)	98	1144106	52.976	106%		80 - 113
113) 4-Bromofluorobenzene	(2)	12.057(0.000)	95	435221	48.158	96%		78 - 113

= RELATIVE RETENTION TIME OUT OF RANGE * = PERCENT REC.OUT OF RANGE D = DILUTED OUT NC = NOT ABLE TO CALCULATE

Target Compounds	I.S. Ref.	RT (+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit	LOQ
2) Chloromethane	(1)				ND	ND			1.00	5.00
3) Vinyl Chloride	(1)				ND	ND			1.00	5.00
6) Bromomethane	(1)				ND	ND			1.00	5.00
7) Chloroethane	(1)				ND	ND			1.00	5.00
8) Trichlorofluoromethane	(1)				ND	ND			2.00	5.00
16) 1,1-Dichloroethene	(1)				ND	ND			0.80	5.00
26) Methylene Chloride	(1)				ND	ND			2.00	5.00
30) trans-1,2-Dichloroethene	(1)				ND	ND			0.80	5.00
31) Methyl Tertiary Butyl Ether	(1)				ND	ND			0.50	5.00
40) 1,2-Dichloroethene (total)	(1)				ND	ND			0.80	5.00
36) 1,1-Dichloroethane	(1)				ND	ND			1.00	5.00
42) cis-1,2-Dichloroethene	(1)				ND	ND			0.80	5.00
49) Chloroform	(1)				ND	ND			0.80	5.00
54) 1,1,1-Trichloroethane	(1)				ND	ND			0.80	5.00
59) Carbon Tetrachloride	(1)				ND	ND			1.00	5.00
64) Benzene	(1)				ND	ND			0.50	5.00
65) 1,2-Dichloroethane	(1)				ND	ND			1.00	5.00
74) Trichloroethene	(1)				ND	ND			1.00	5.00
77) 1,2-Dichloropropane	(1)				ND	ND			1.00	5.00
82) Bromodichloromethane	(1)				ND	ND			1.00	5.00
84) 2-Chloroethyl Vinyl Ether	(1)				ND	ND			2.00	10.00
85) cis-1,3-Dichloropropene	(1)				ND	ND			1.00	5.00
90) Toluene	(2)				ND	ND			0.70	5.00
91) trans-1,3-Dichloropropene	(2)				ND	ND			1.00	5.00

E = CONC. OUT OF CAL. RANGE # = RELATIVE RETENTION TIME OUT OF RANGE

BCD02

Lancaster Laboratories
Quantitation Report GC/MS Volatiles

5223997

File: /chem/HP09915.i/07dec04a.b/ld04s04.d
Sample: BCD02;5223997;1;0;;;;;;
Injected At:04-DEC-2007 21:25
Calibration Time: 29-NOV-2007 21:45
Target Method: L8260W.m
Blank Reference: ld04b01.d
Sublist: CBN

Sample Concentration Formula: On-Column Amount * (Vt/Vo)
Batch:L073381AA
Analyst:SEW02002
Instrument ID:HP09915.i
Standard Reference: ld04c01.d
Prep Factor:1.00
Units: ug/L

Matrix: WATER
Level: Low
Sample Wt./Vol.: 5.0000 ml (Vo)
Volume Purged: 5.0 ml (Vt)
Bottle Code:38A

Target Compounds	I.S. Ref.	RT	(+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit	LOQ
93) 1,1,2-Trichloroethane	(2)					ND	ND			0.80	5.00
94) Tetrachloroethene	(2)					ND	ND			0.80	5.00
98) Dibromochloromethane	(2)					ND	ND			1.00	5.00
102) Chlorobenzene	(2)					ND	ND			0.80	5.00
104) Ethylbenzene	(2)					ND	ND			0.80	5.00
105) m+p-Xylene	(2)					ND	ND			0.80	5.00
106) Xylene (Total)	(2)					ND	ND			0.80	5.00
107) o-Xylene	(2)					ND	ND			0.80	5.00
109) Bromoform	(2)					ND	ND			1.00	5.00
116) 1,1,2,2-Tetrachloroethane	(3)					ND	ND			1.00	5.00
131) 1,3-Dichlorobenzene	(3)					ND	ND			1.00	5.00
133) 1,4-Dichlorobenzene	(3)					ND	ND			1.00	5.00
139) 1,2-Dichlorobenzene	(3)					ND	ND			1.00	5.00

E = CONC. OUT OF CAL. RANGE # = RELATIVE RETENTION TIME OUT OF RANGE

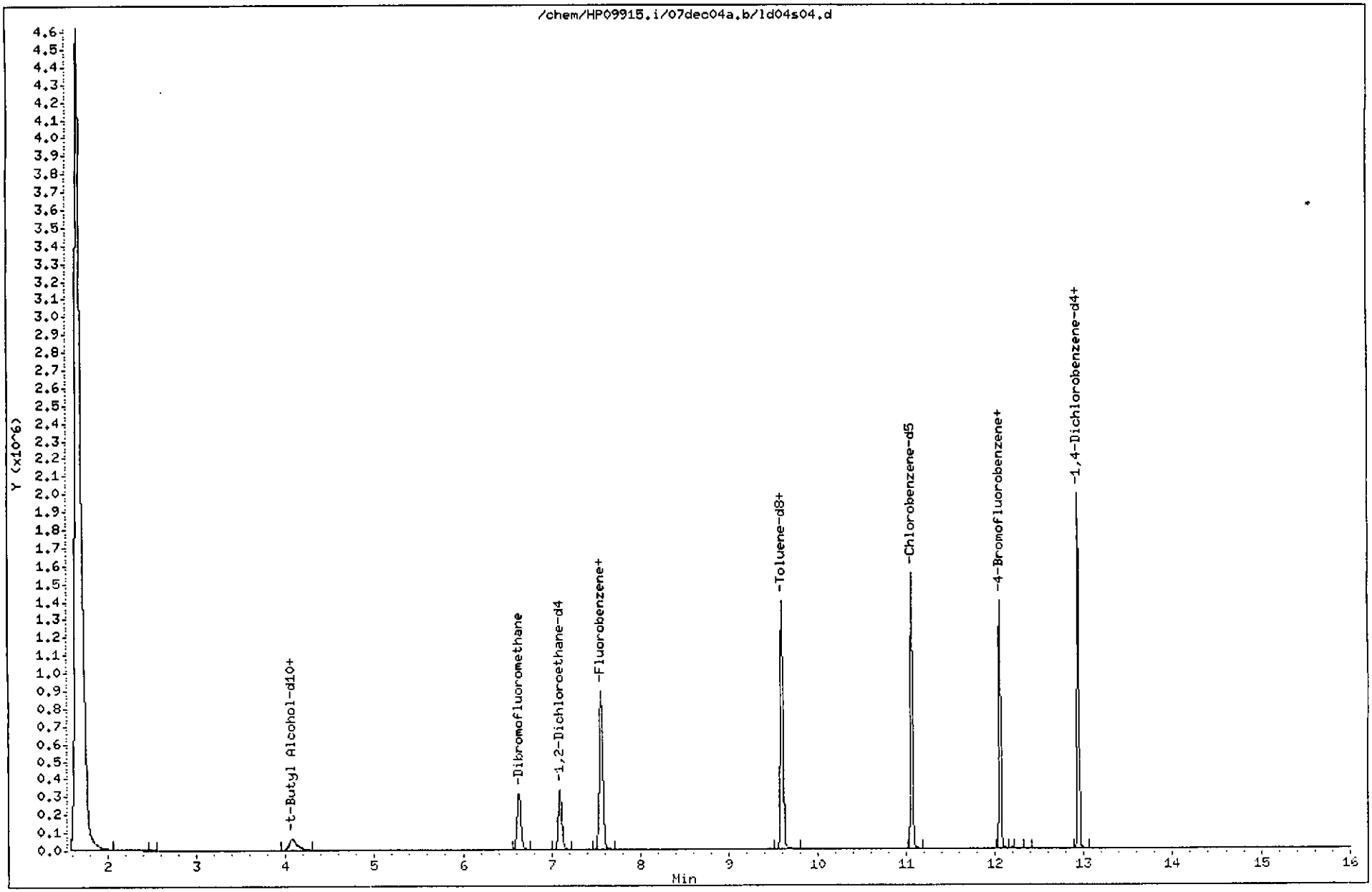
Comments: _____

Analyst: _____ Date: 12/4/07

Auditor: _____ Date: 12-5-07

Data File: /chem/HP09915.i/07dec04a.b/ld04s04.d
Date : 04-DEC-2007 21:25
Client ID: BCD02
Sample Info: BCD02;5223997;1;0;;;;;;
Purge Volume: 5.0
Column phase: DB-624

Instrument: HP09915.i
Operator: SEW02002
Column diameter: 0.25



Quant Report

Target Revision 3.5

Data File: /chem/HP09915.i/07dec04a.b/ld04s04.d Instrument ID: HP09915.i
Injection date and time: 04-DEC-2007 21:25 Analyst ID: SEW02002

Method used: /chem/HP09915.i/07dec04a.b/L8260W.m Sublist used: CBN
Calibration date and time: 29-NOV-2007 21:45
Date, time and analyst ID of latest file update: 04-Dec-2007 22:37 sew02002

Sample Name: BCD02 Lab Sample ID: 5223997

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
71)*Fluorobenzene	(1)	7.558	96	1192523	50.000
101)*Chlorobenzene-d5	(2)	11.060	117	869000	50.000
132)*1,4-Dichlorobenzene-d4	(3)	12.938	152	471942	50.000
51)$Dibromofluoromethane	(1)	6.632	113	292729	53.481
62)$1,2-Dichloroethane-d4	(1)	7.099	102	68597	52.940
89)$Toluene-d8	(2)	9.600	98	1144106	52.976
113)$4-Bromofluorobenzene	(2)	12.057	95	435221	48.158

* = Compound is an internal standard.
$ = Compound is a surrogate standard.

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCD01

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 5224001

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: HP09915.i/07dec04a.b/ld04s07.d

Level: (low/med) LOW Date Received: 11/30/07

Moisture: not dec. _____ Date Analyzed: 12/04/07

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
74-87-3	Chloromethane	5	U
75-01-4	Vinyl Chloride	5	U
74-83-9	Bromomethane	5	U
75-00-3	Chloroethane	5	U
75-69-4	Trichlorofluoromethane	5	U
75-35-4	1,1-Dichloroethene	5	U
75-09-2	Methylene Chloride	5	U
156-60-5	trans-1,2-Dichloroethene	5	U
1634-04-4	Methyl Tertiary Butyl Ether	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	7	
156-59-2	cis-1,2-Dichloroethene	7	
67-66-3	Chloroform	5	U
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
71-43-2	Benzene	5	U
107-06-2	1,2-Dichloroethane	5	U
79-01-6	Trichloroethene	11	
78-87-5	1,2-Dichloropropane	5	U
75-27-4	Bromodichloromethane	5	U
110-75-8	2-Chloroethyl Vinyl Ether	10	U
10061-01-5	cis-1,3-Dichloropropene	5	U
108-88-3	Toluene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
79-00-5	1,1,2-Trichloroethane	5	U
127-18-4	Tetrachloroethene	5	U
124-48-1	Dibromochloromethane	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
1330-20-7	m+p-Xylene	5	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCD01

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 5224001

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: HP09915.i/07dec04a.b/ld04s07.d

Level: (low/med) LOW Date Received: 11/30/07

Moisture: not dec. _____ Date Analyzed: 12/04/07

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
1330-20-7	Xylene (Total)	5	U
95-47-6	o-Xylene	5	U
75-25-2	Bromoform	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
541-73-1	1,3-Dichlorobenzene	5	U
106-46-7	1,4-Dichlorobenzene	5	U
95-50-1	1,2-Dichlorobenzene	5	U

8106

BCD01

Lancaster Laboratories
Quantitation Report GC/MS Volatiles

5224001

File: /chem/HP09915.i/07dec04a.b/ld04s07.d
Sample: BCD01;5224001;1;0;;;;;;
Injected At:04-DEC-2007 22:32
Calibration Time: 29-NOV-2007 21:45
Target Method: L8260W.m
Blank Reference: ld04b01.d
Sublist: CBN

Sample Concentration Formula: On-Column Amount * (Vt/Vo)
Batch:L073381AA
Analyst:SEW02002
Instrument ID:HP09915.i
Standard Reference: ld04c01.d
Prep Factor:1.00
Units: ug/L

Matrix: WATER
Level: Low
Sample Wt./Vol.: 5.0000 ml (Vo)
Volume Purged: 5.0 ml (Vt)
Bottle Code:38A

Internal Standards	RT(+/-RT)	Scan	QIon	Area(+/- %Area)	Conc(ext)	QC Flag
71) Fluorobenzene	7.555(0.006)	1858	96	1220636(-5)	50.00	
101) Chlorobenzene-d5	11.060(0.000)	2948	117	888177(-6)	50.00	
132) 1,4-Dichlorobenzene-d4	12.938(0.000)	3532	152	484078(-12)	50.00	

= RETENTION TIME OUT OF RANGE * = INTERNAL STANDARD OUT OF RANGE NC = NOT ABLE TO CALCULATE

Surrogate Standards	I.S. Ref.	RT (+/-RRT)	QIon	Area	Conc. (on column)	%Rec.	QC flags	QC Limits
51) Dibromofluoromethane	(1)	6.626(0.001)	113	299746	53.502	107%		80 - 116
62) 1,2-Dichloroethane-d4	(1)	7.092(-0.001)	102	68611	51.731	103%		77 - 113
89) Toluene-d8	(2)	9.597(0.000)	98	1183667	53.624	107%		80 - 113
113) 4-Bromofluorobenzene	(2)	12.054(0.000)	95	450105	48.730	97%		78 - 113

= RELATIVE RETENTION TIME OUT OF RANGE * = PERCENT REC.OUT OF RANGE D = DILUTED OUT NC = NOT ABLE TO CALCULATE

Target Compounds	I.S. Ref.	RT (+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit	LOQ
2) Chloromethane	(1)				ND	ND			1.00	5.00
3) Vinyl Chloride	(1)				ND	ND			1.00	5.00
6) Bromomethane	(1)				ND	ND			1.00	5.00
7) Chloroethane	(1)				ND	ND			1.00	5.00
8) Trichlorofluoromethane	(1)				ND	ND			2.00	5.00
16) 1,1-Dichloroethene	(1)				ND	ND			0.80	5.00
26) Methylene Chloride	(1)				ND	ND			2.00	5.00
30) trans-1,2-Dichloroethene	(1)				ND	ND			0.80	5.00
31) Methyl Tertiary Butyl Ether	(1)				ND	ND			0.50	5.00
40) 1,2-Dichloroethene (total)	(1)		96	41637	6.742	6.74			0.80	5.00
36) 1,1-Dichloroethane	(1)				ND	ND			1.00	5.00
42) cis-1,2-Dichloroethene	(1)	5.951(-0.001)	96	41637	6.742	6.74			0.80	5.00
49) Chloroform	(1)				ND	ND			0.80	5.00
54) 1,1,1-Trichloroethane	(1)				ND	ND			0.80	5.00
59) Carbon Tetrachloride	(1)				ND	ND			1.00	5.00
64) Benzene	(1)				ND	ND			0.50	5.00
65) 1,2-Dichloroethane	(1)				ND	ND			1.00	5.00
74) Trichloroethene	(1)	8.047(0.000)	95	70485	11.340	11.34			1.00	5.00
77) 1,2-Dichloropropane	(1)				ND	ND			1.00	5.00
82) Bromodichloromethane	(1)				ND	ND			1.00	5.00
84) 2-Chloroethyl Vinyl Ether	(1)				ND	ND			2.00	10.00
85) cis-1,3-Dichloropropene	(1)				ND	ND			1.00	5.00
90) Toluene	(2)				ND	ND			0.70	5.00
91) trans-1,3-Dichloropropene	(2)				ND	ND			1.00	5.00

E = CONC. OUT OF CAL. RANGE # = RELATIVE RETENTION TIME OUT OF RANGE

BCD01

Lancaster Laboratories
Quantitation Report GC/MS Volatiles

5224001

File: /chem/HP09915.i/07dec04a.b/ld04s07.d
Sample: BCD01;5224001;1;0;;;;;;
Injected At:04-DEC-2007 22:32
Calibration Time: 29-NOV-2007 21:45
Target Method: L8260W.m
Blank Reference: ld04b01.d
Sublist: CBN

Sample Concentration Formula: On-Column Amount * (Vt/Vo)
Batch:L073381AA
Analyst:SEW02002
Instrument ID:HP09915.i
Standard Reference: ld04c01.d
Prep Factor:1.00
Units: ug/L

Matrix: WATER
Level: Low
Sample Wt./Vol.: 5.0000 ml (Vo)
Volume Purged: 5.0 ml (Vt)
Bottle Code:38A

Target Compounds	I.S. Ref.	RT	(+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit	LOQ
93) 1,1,2-Trichloroethane	(2)					ND	ND			0.80	5.00
94) Tetrachloroethene	(2)					ND	ND			0.80	5.00
98) Dibromochloromethane	(2)					ND	ND			1.00	5.00
102) Chlorobenzene	(2)					ND	ND			0.80	5.00
104) Ethylbenzene	(2)					ND	ND			0.80	5.00
105) m+p-Xylene	(2)					ND	ND			0.80	5.00
106) Xylene (Total)	(2)					ND	ND			0.80	5.00
107) o-Xylene	(2)					ND	ND			0.80	5.00
109) Bromoform	(2)					ND	ND			1.00	5.00
116) 1,1,2,2-Tetrachloroethane	(3)					ND	ND			1.00	5.00
131) 1,3-Dichlorobenzene	(3)					ND	ND			1.00	5.00
133) 1,4-Dichlorobenzene	(3)					ND	ND			1.00	5.00
139) 1,2-Dichlorobenzene	(3)					ND	ND			1.00	5.00

E = CONC. OUT OF CAL. RANGE # = RELATIVE RETENTION TIME OUT OF RANGE

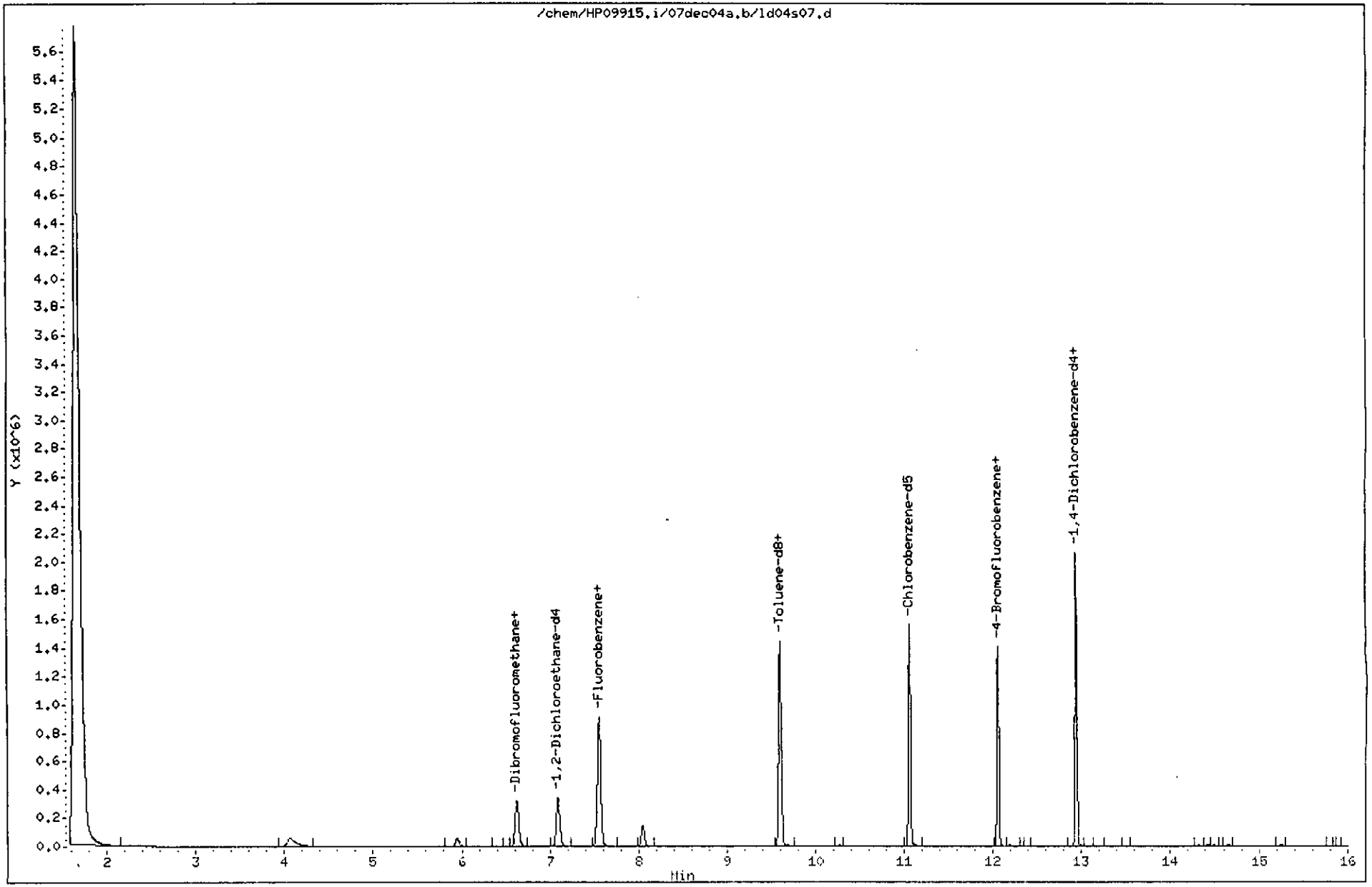
Comments: _____

Analyst: _____ Date: 12/4/07

Auditor: _____ Date: 12-5-07

Data File: /chem/HP09915.i/07dec04a.b/ld04s07.d
Date : 04-DEC-2007 22:32
Client ID: BCD01
Sample Info: BCD01;5224001;1;0;;;;;;
Purge Volume: 5.0
Column phase: DB-624

Instrument: HP09915.i
Operator: SEW02002
Column diameter: 0.25



Quant Report

Target Revision 3.5

Data File: /chem/HP09915.i/07dec04a.b/ld04s07.d Instrument ID: HP09915.i
Injection date and time: 04-DEC-2007 22:32 Analyst ID: SEW02002

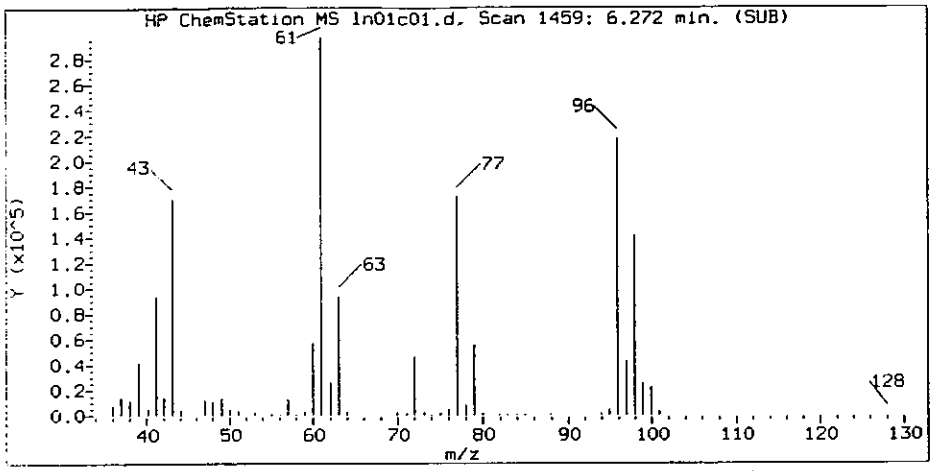
Method used: /chem/HP09915.i/07dec04a.b/L8260W.m Sublist used: CBN
Calibration date and time: 29-NOV-2007 21:45
Date, time and analyst ID of latest file update: 04-Dec-2007 22:55 sew02002

Sample Name: BCD01 Lab Sample ID: 5224001

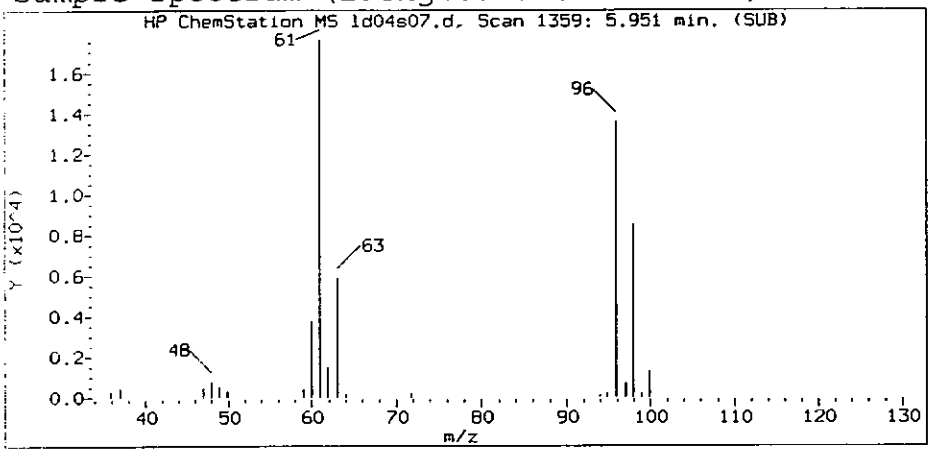
Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
40) 1,2-Dichloroethene (total)	(1)		96	41637	6.742
42) cis-1,2-Dichloroethene	(1)	5.951	96	41637	6.742
71)*Fluorobenzene	(1)	7.555	96	1220636	50.000
74) Trichloroethene	(1)	8.047	95	70485	11.340
101)*Chlorobenzene-d5	(2)	11.060	117	888177	50.000
132)*1,4-Dichlorobenzene-d4	(3)	12.938	152	484078	50.000
51)$Dibromofluoromethane	(1)	6.626	113	299746	53.502
62)$1,2-Dichloroethane-d4	(1)	7.092	102	68611	51.731
89)$Toluene-d8	(2)	9.597	98	1183667	53.624
113)$4-Bromofluorobenzene	(2)	12.054	95	450105	48.730

* = Compound is an internal standard.
$ = Compound is a surrogate standard.

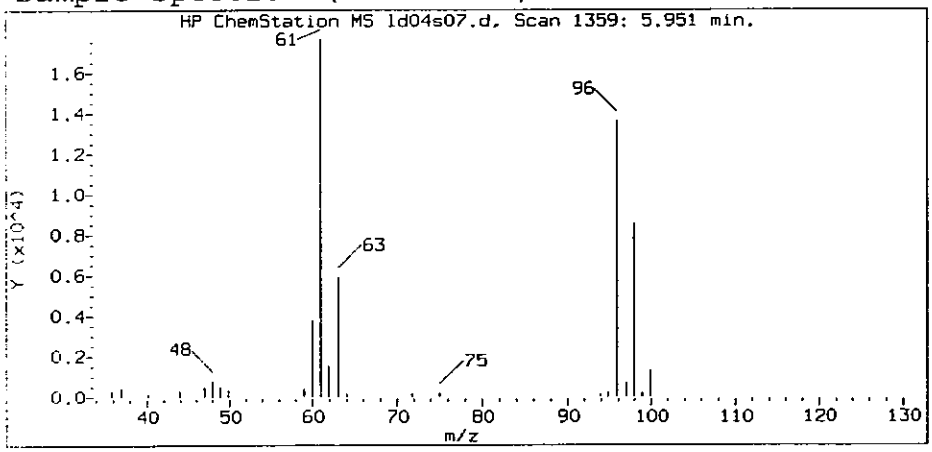
Reference Standard Spectrum for cis-1,2-Dichloroethene

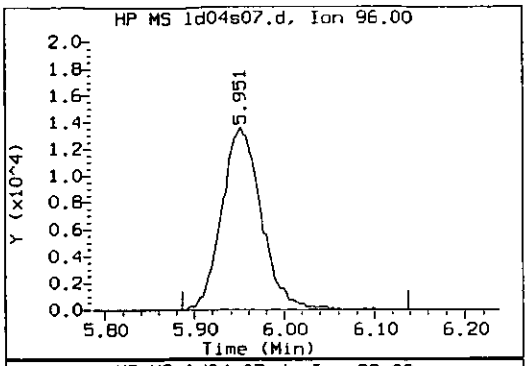


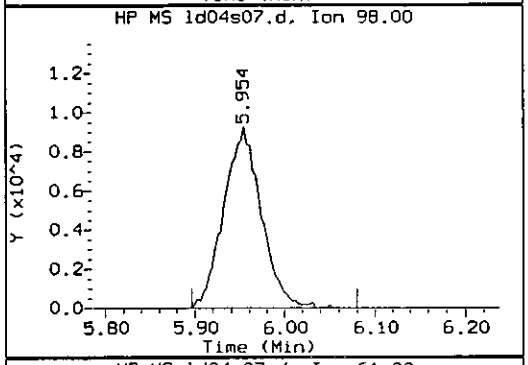
Sample Spectrum (Background Subtracted)

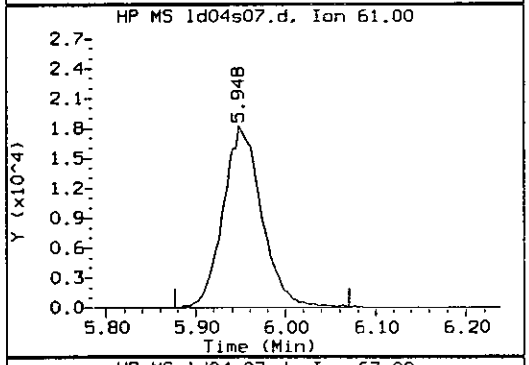


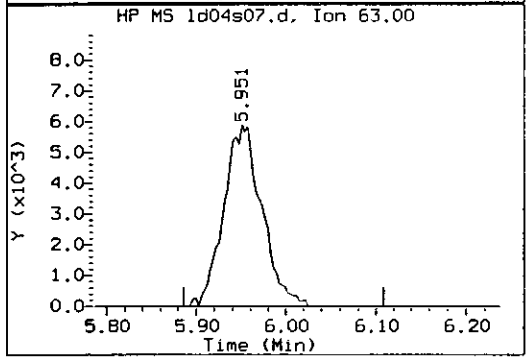
Sample Spectrum (Unaltered)











Data File: /chem/HP09915.i/07dec04a.b/ld04s07.d
Injection date and time: 04-DEC-2007 22:32

Instrument ID: HP09915.i
Analyst ID: SEW02002

Method used: /chem/HP09915.i/07dec04a.b/L8260W.m
Calibration date and time: 04-DEC-2007 17:45

Sublist used: CBN

Date, time and analyst ID of latest file update: 04-Dec-2007 22:55 sew02002

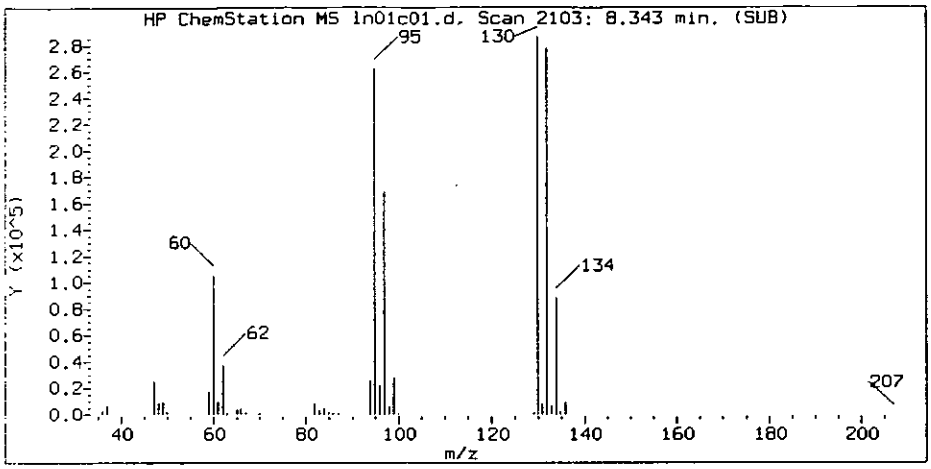
Sample Name: BCD01

Lab Sample ID: 5224001

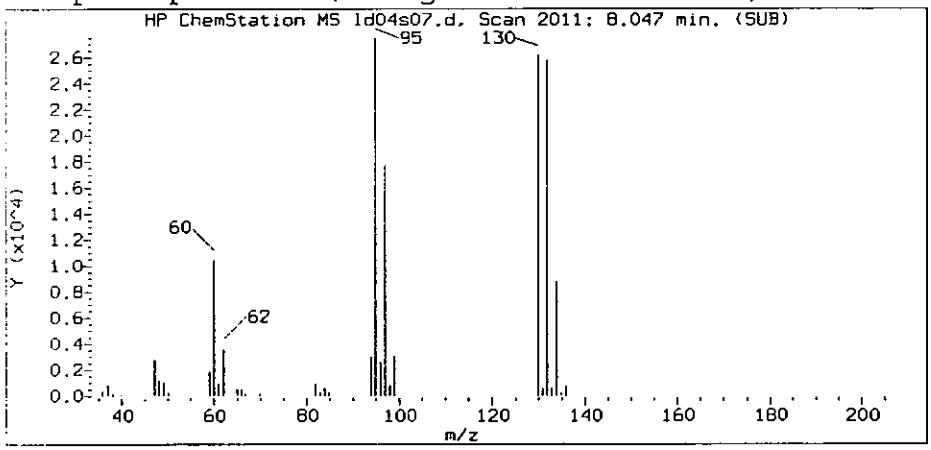
Compound Number	: 42
Compound Name	: cis-1,2-Dichloroethene
Scan Number	: 1359
Retention Time (minutes)	: 5.951
Quant Ion	: 96.0
Area (flag)	: 41637
Concentration (ug/L)	: 6.7417

0111

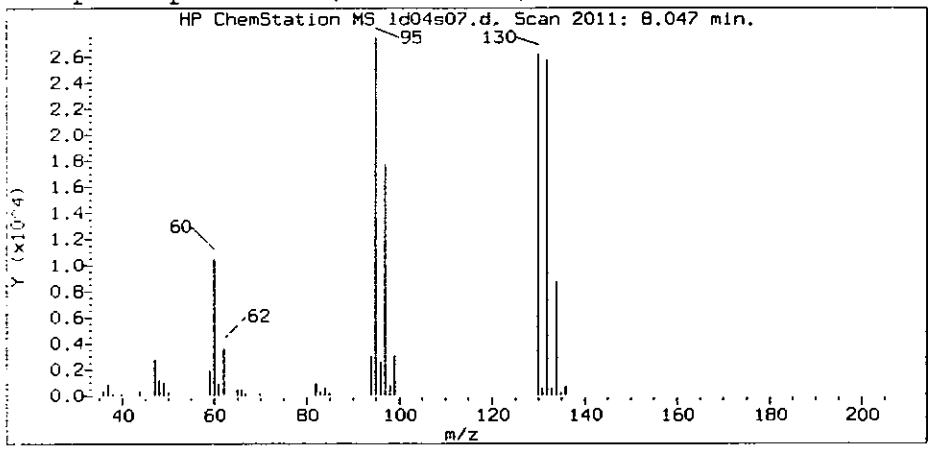
Reference Standard Spectrum for Trichloroethene

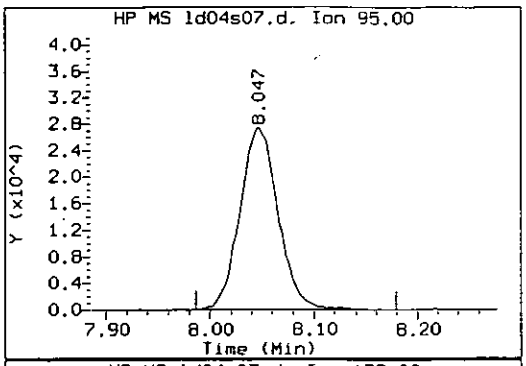


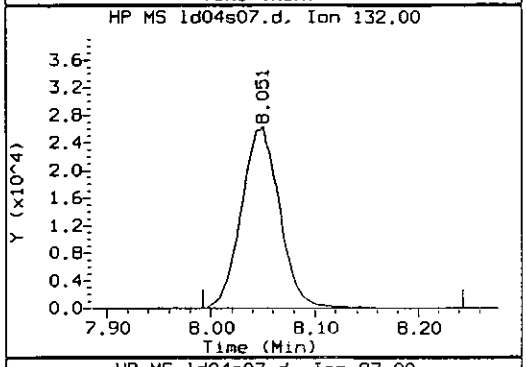
Sample Spectrum (Background Subtracted)

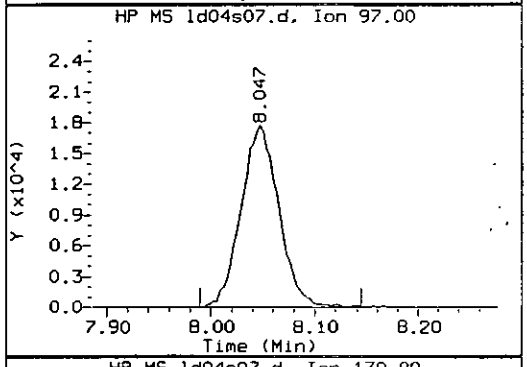


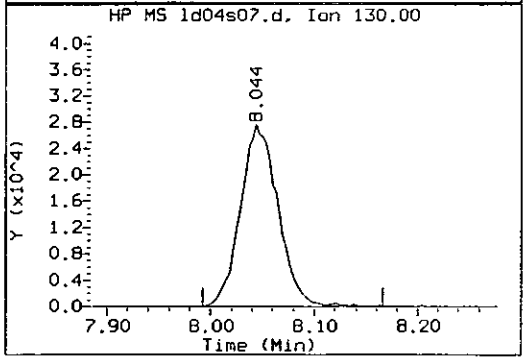
Sample Spectrum (Unaltered)











Data File: /chem/HP09915.i/07dec04a.b/ld04s07.d Instrument ID: HP09915.i
Injection date and time: 04-DEC-2007 22:32 Analyst ID: SEW02002

Method used: /chem/HP09915.i/07dec04a.b/L8260W.m Sublist used: CBN
Calibration date and time: 04-DEC-2007 17:45
Date, time and analyst ID of latest file update: 04-Dec-2007 22:55 sew02002

Sample Name: BCD01 Lab Sample ID: 5224001

Compound Number	: 74
Compound Name	: Trichloroethene
Scan Number	: 2011
Retention Time (minutes)	: 8.047
Quant Ion	: 95.0
Area (flag)	: 70485
Concentration (ug/L)	: 11.3404

8112

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCD08

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 5224002

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: HP09915.i/07dec04a.b/ld04s08.d

Level: (low/med) LOW Date Received: 11/30/07

Moisture: not dec. _____ Date Analyzed: 12/04/07

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
74-87-3	Chloromethane	5	U
75-01-4	Vinyl Chloride	5	U
74-83-9	Bromomethane	5	U
75-00-3	Chloroethane	5	U
75-69-4	Trichlorofluoromethane	5	U
75-35-4	1,1-Dichloroethene	5	U
75-09-2	Methylene Chloride	5	U
156-60-5	trans-1,2-Dichloroethene	5	U
1634-04-4	Methyl Tertiary Butyl Ether	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
156-59-2	cis-1,2-Dichloroethene	5	U
67-66-3	Chloroform	2	J
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
71-43-2	Benzene	5	U
107-06-2	1,2-Dichloroethane	5	U
79-01-6	Trichloroethene	6	
78-87-5	1,2-Dichloropropane	5	U
75-27-4	Bromodichloromethane	5	U
110-75-8	2-Chloroethyl Vinyl Ether	10	U
10061-01-5	cis-1,3-Dichloropropene	5	U
108-88-3	Toluene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
79-00-5	1,1,2-Trichloroethane	5	U
127-18-4	Tetrachloroethene	5	U
124-48-1	Dibromochloromethane	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
1330-20-7	m+p-Xylene	5	U

8113

FORM I VOA

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCD08

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 5224002

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: HP09915.i/07dec04a.b/ld04s08.d

Level: (low/med) LOW Date Received: 11/30/07

Moisture: not dec. _____ Date Analyzed: 12/04/07

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
1330-20-7	Xylene (Total)	5	U
95-47-6	o-Xylene	5	U
75-25-2	Bromoform	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
541-73-1	1,3-Dichlorobenzene	5	U
106-46-7	1,4-Dichlorobenzene	5	U
95-50-1	1,2-Dichlorobenzene	5	U

0114

FORM I VOA

BCD08

Lancaster Laboratories
Quantitation Report GC/MS Volatiles

5224002

File: /chem/HP09915.i/07dec04a.b/ld04s08.d
Sample: BCD08;5224002;1;0;;;;;;
Injected At:04-DEC-2007 22:54
Calibration Time: 29-NOV-2007 21:45
Target Method: L8260W.m
Blank Reference: ld04b01.d
Sublist: CBN

Sample Concentration Formula: On-Column Amount * (Vt/Vo)
Batch:L073381AA
Analyst:SEW02002
Instrument ID:HP09915.i
Standard Reference: ld04c01.d
Prep Factor:1.00
Units: ug/L

Matrix: WATER
Level: Low
Sample Wt./Vol.: 5.0000 ml (Vo)
Volume Purged: 5.0 ml (Vt)
Bottle Code:38A

Internal Standards	RT(+/-RT)	Scan	QIon	Area(+/- %Area)	Conc(ext)	QC Flag
71) Fluorobenzene	7.555(0.006)	1858	96	1197343(-7)	50.00	
101) Chlorobenzene-d5	11.057(0.003)	2947	117	873505(-7)	50.00	
132) 1,4-Dichlorobenzene-d4	12.938(0.000)	3532	152	475243(-13)	50.00	

= RETENTION TIME OUT OF RANGE * = INTERNAL STANDARD OUT OF RANGE NC = NOT ABLE TO CALCULATE

Surrogate Standards	I.S. Ref.	RT (+/-RRT)	QIon	Area	Conc. (on column)	%Rec.	QC flags	QC Limits
51) Dibromofluoromethane	(1)	6.629(0.000)	113	293668	53.437	107%		80 - 116
62) 1,2-Dichloroethane-d4	(1)	7.089(0.000)	102	68027	52.289	105%		77 - 113
89) Toluene-d8	(2)	9.597(0.000)	98	1166213	53.721	107%		80 - 113
113) 4-Bromofluorobenzene	(2)	12.054(0.000)	95	437236	48.132	96%		78 - 113

= RELATIVE RETENTION TIME OUT OF RANGE * = PERCENT REC.OUT OF RANGE D = DILUTED OUT NC = NOT ABLE TO CALCULATE

Target Compounds	I.S. Ref.	RT (+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit	LOQ
2) Chloromethane	(1)				ND	ND			1.00	5.00
3) Vinyl Chloride	(1)				ND	ND			1.00	5.00
6) Bromomethane	(1)				ND	ND			1.00	5.00
7) Chloroethane	(1)				ND	ND			1.00	5.00
8) Trichlorofluoromethane	(1)				ND	ND			2.00	5.00
16) 1,1-Dichloroethene	(1)				ND	ND			0.80	5.00
26) Methylene Chloride	(1)				ND	ND			2.00	5.00
30) trans-1,2-Dichloroethene	(1)				ND	ND			0.80	5.00
31) Methyl Tertiary Butyl Ether	(1)				ND	ND			0.50	5.00
40) 1,2-Dichloroethene (total)	(1)				ND	ND			0.80	5.00
36) 1,1-Dichloroethane	(1)				ND	ND			1.00	5.00
42) cis-1,2-Dichloroethene	(1)				ND	ND			0.80	5.00
49) Chloroform	(1)	6.404(0.000)	83	15001	1.549	1.55		J	0.80	5.00
54) 1,1,1-Trichloroethane	(1)				ND	ND			0.80	5.00
59) Carbon Tetrachloride	(1)				ND	ND			1.00	5.00
64) Benzene	(1)				ND	ND			0.50	5.00
65) 1,2-Dichloroethane	(1)				ND	ND			1.00	5.00
74) Trichloroethene	(1)	8.047(0.000)	95	37984	6.230	6.23			1.00	5.00
77) 1,2-Dichloropropane	(1)				ND	ND			1.00	5.00
82) Bromodichloromethane	(1)				ND	ND			1.00	5.00
84) 2-Chloroethyl Vinyl Ether	(1)				ND	ND			2.00	10.00
85) cis-1,3-Dichloropropene	(1)				ND	ND			1.00	5.00
90) Toluene	(2)				ND	ND			0.70	5.00
91) trans-1,3-Dichloropropene	(2)				ND	ND			1.00	5.00

E = CONC. OUT OF CAL. RANGE # = RELATIVE RETENTION TIME OUT OF RANGE

BCD08

Lancaster Laboratories
Quantitation Report GC/MS Volatiles

5224002

File: /chem/HP09915.i/07dec04a.b/ld04s08.d
Sample: BCD08;5224002;1;0;;;;;;
Injected At:04-DEC-2007 22:54
Calibration Time: 29-NOV-2007 21:45
Target Method: L8260W.m
Blank Reference: ld04b01.d
Sublist: CBN

Sample Concentration Formula: On-Column Amount * (Vt/Vo)
Batch:L073381AA
Analyst:SEW02002
Instrument ID:HP09915.i
Standard Reference: ld04c01.d
Prep Factor:1.00
Units: ug/L

Matrix: WATER
Level: Low
Sample Wt./Vol.: 5.0000 ml (Vo)
Volume Purged: 5.0 ml (Vt)
Bottle Code:38A

Target Compounds	I.S. Ref.	RT	(+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit	LOQ
93) 1,1,2-Trichloroethane	(2)					ND	ND			0.80	5.00
94) Tetrachloroethene	(2)					ND	ND			0.80	5.00
98) Dibromochloromethane	(2)					ND	ND			1.00	5.00
102) Chlorobenzene	(2)					ND	ND			0.80	5.00
104) Ethylbenzene	(2)					ND	ND			0.80	5.00
105) m+p-Xylene	(2)					ND	ND			0.80	5.00
106) Xylene (Total)	(2)					ND	ND			0.80	5.00
107) o-Xylene	(2)					ND	ND			0.80	5.00
109) Bromoform	(2)					ND	ND			1.00	5.00
116) 1,1,2,2-Tetrachloroethane	(3)					ND	ND			1.00	5.00
131) 1,3-Dichlorobenzene	(3)					ND	ND			1.00	5.00
133) 1,4-Dichlorobenzene	(3)					ND	ND			1.00	5.00
139) 1,2-Dichlorobenzene	(3)					ND	ND			1.00	5.00

E = CONC. OUT OF CAL. RANGE # = RELATIVE RETENTION TIME OUT OF RANGE

Comments: _____

Analyst: _____ Date 12/5/07

Auditor: _____ Date: 12-5-07

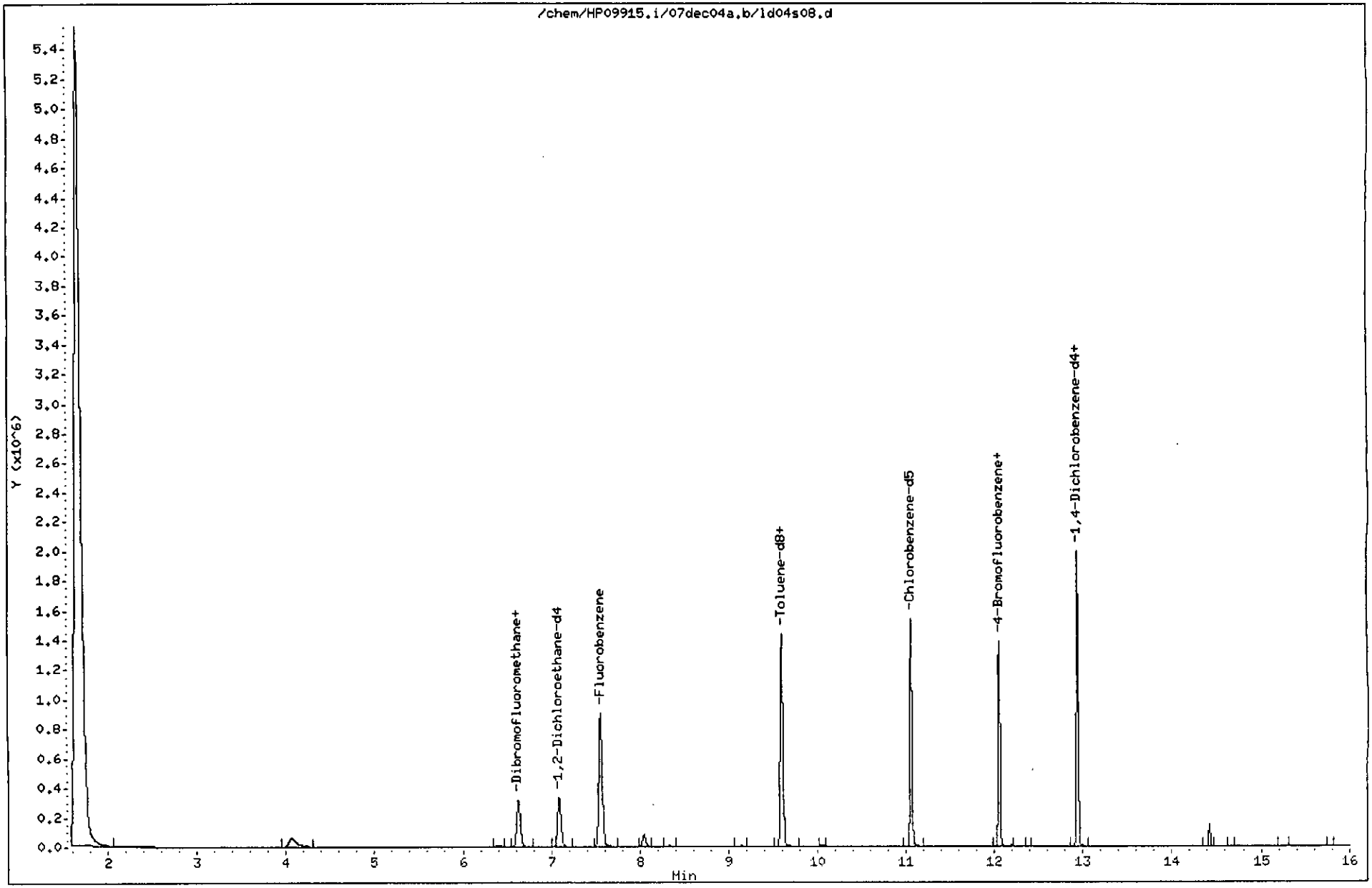
Data File: /chem/HP09915.i/07dec04a.b/ld04s08.d
Date : 04-DEC-2007 22:54
Client ID: BCD08
Sample Info: BCD08;5224002;1;0;;;;;;
Purge Volume: 5.0
Column phase: DB-624

Unnamed 12/5/16

Instrument: HP09915.i

Operator: SEW02002
Column diameter: 0.25

0117



Quant Report

Target Revision 3.5

Data File: /chem/HP09915.i/07dec04a.b/ld04s08.d Instrument ID: HP09915.i
Injection date and time: 04-DEC-2007 22:54 Analyst ID: SEW02002

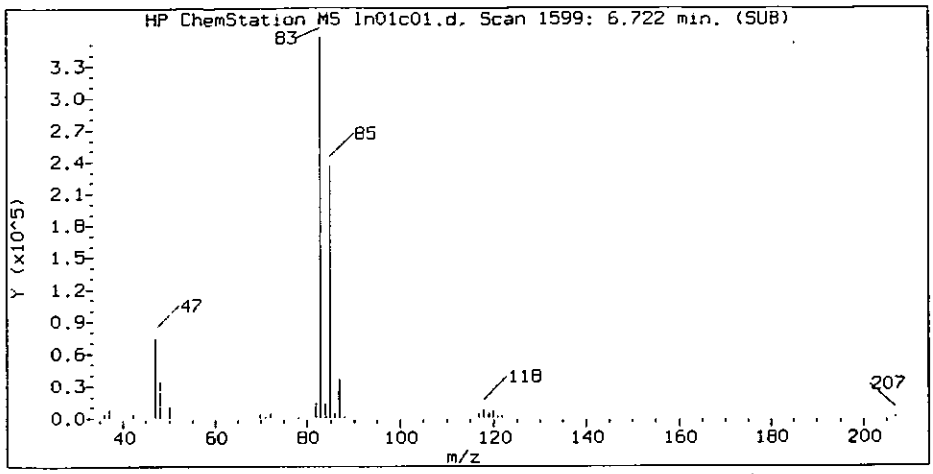
Method used: /chem/HP09915.i/07dec04a.b/L8260W.m Sublist used: CBN
Calibration date and time: 29-NOV-2007 21:45
Date, time and analyst ID of latest file update: 04-Dec-2007 23:12 Automation

Sample Name: BCD08 Lab Sample ID: 5224002

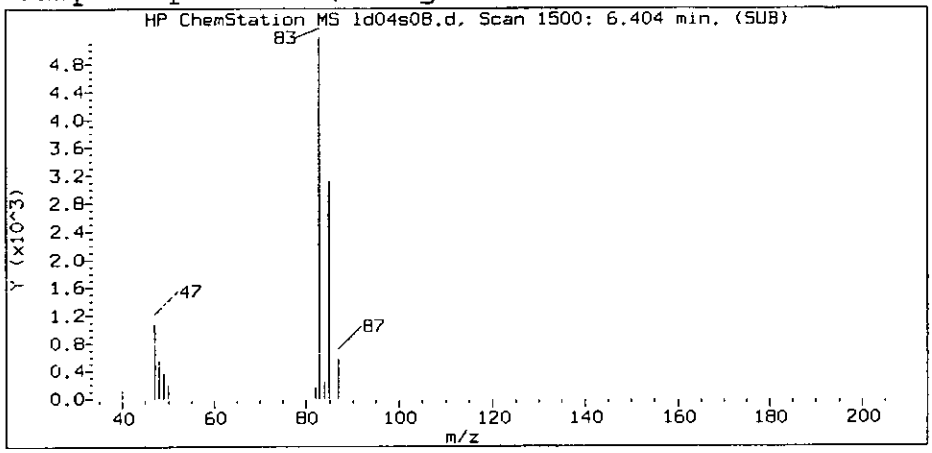
Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
49) Chloroform	(1)	6.404	83	15001	1.549
71)*Fluorobenzene	(1)	7.555	96	1197343	50.000
74) Trichloroethene	(1)	8.047	95	37984	6.230
101)*Chlorobenzene-d5	(2)	11.057	117	873505	50.000
132)*1,4-Dichlorobenzene-d4	(3)	12.938	152	475243	50.000
51)$Dibromofluoromethane	(1)	6.629	113	293668	53.437
62)$1,2-Dichloroethane-d4	(1)	7.089	102	68027	52.289
89)$Toluene-d8	(2)	9.597	98	1166213	53.721
113)$4-Bromofluorobenzene	(2)	12.054	95	437236	48.132

* = Compound is an internal standard.
$ = Compound is a surrogate standard.

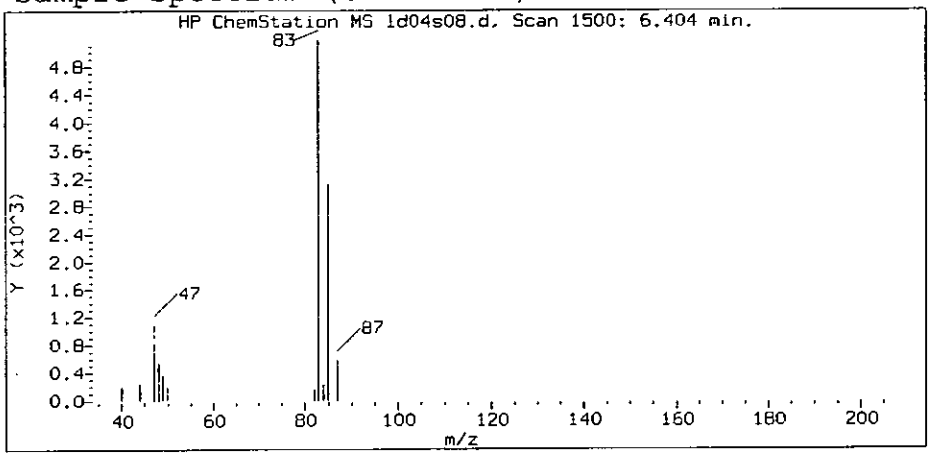
Reference Standard Spectrum for Chloroform

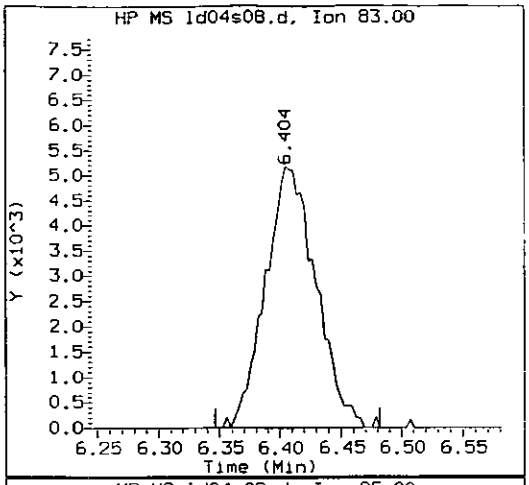


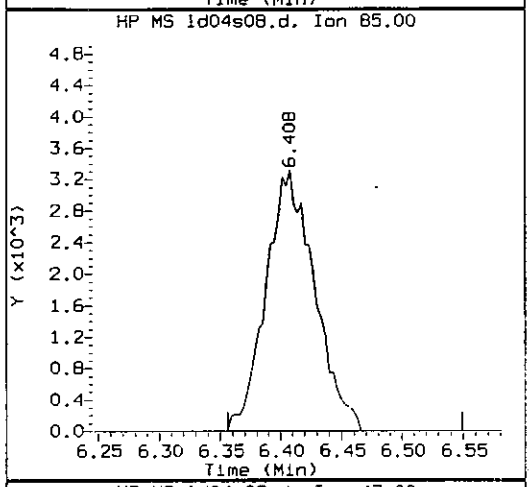
Sample Spectrum (Background Subtracted)

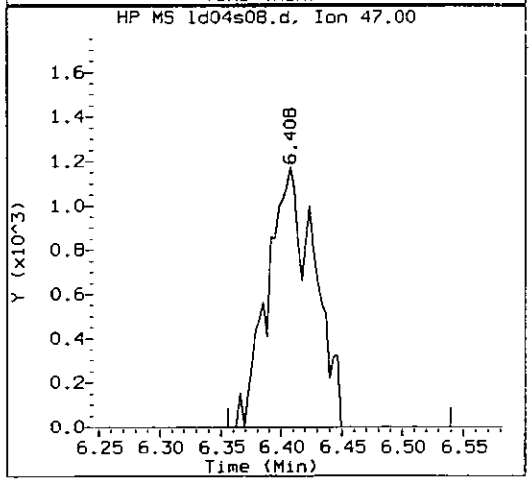


Sample Spectrum (Unaltered)









Data File: /chem/HP09915.i/07dec04a.b/ld04s08.d Instrument ID: HP09915.i
Injection date and time: 04-DEC-2007 22:54 Analyst ID: SEW02002

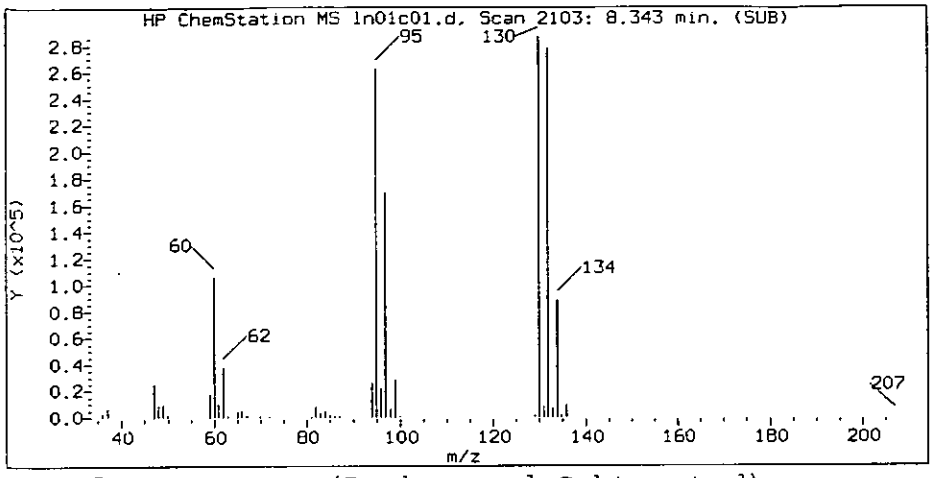
Method used: /chem/HP09915.i/07dec04a.b/L8260W.m Sublist used: CBN
Calibration date and time: 04-DEC-2007 17:45
Date, time and analyst ID of latest file update: 04-Dec-2007 23:12 Automation

Sample Name: BCD08 Lab Sample ID: 5224002

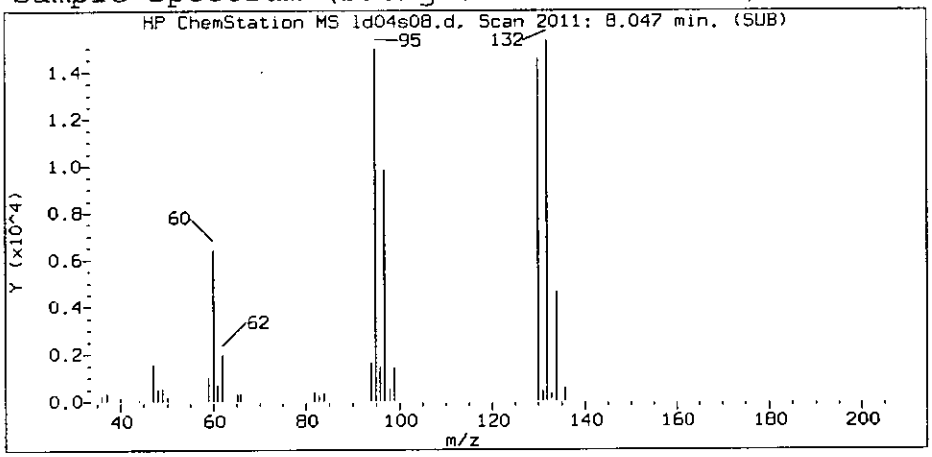
Compound Number	: 49
Compound Name	: Chloroform
Scan Number	: 1500
Retention Time (minutes)	: 6.404
Quant Ion	: 83.0
Area (flag)	: 15001
Concentration (ug/L)	: 1.5494

8119

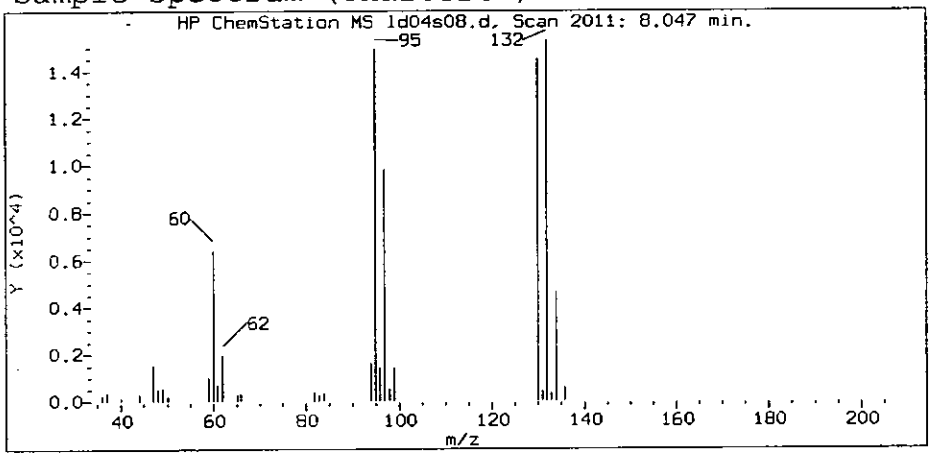
Reference Standard Spectrum for Trichloroethene

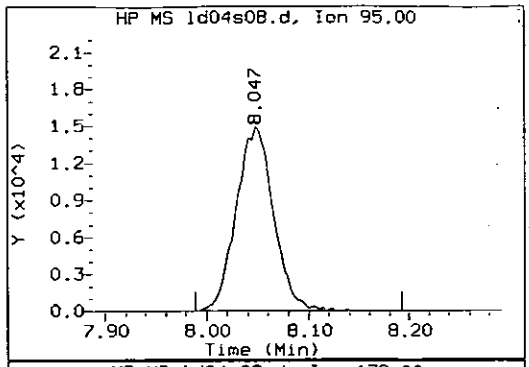


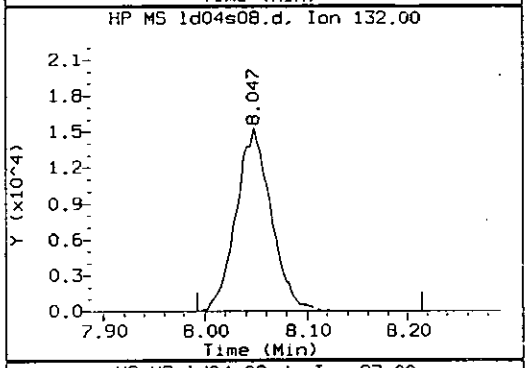
Sample Spectrum (Background Subtracted)

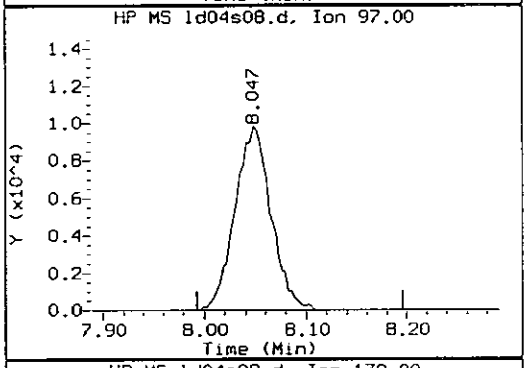


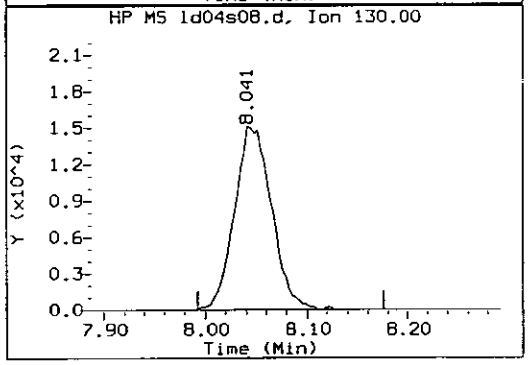
Sample Spectrum (Unaltered)











Data File: /chem/HP09915.i/07dec04a.b/ld04s08.d Instrument ID: HP09915.i
Injection date and time: 04-DEC-2007 22:54 Analyst ID: SEW02002

Method used: /chem/HP09915.i/07dec04a.b/L8260W.m Sublist used: CBN
Calibration date and time: 04-DEC-2007 17:45
Date, time and analyst ID of latest file update: 04-Dec-2007 23:12 Automation

Sample Name: BCD08 Lab Sample ID: 5224002

Compound Number	: 74
Compound Name	: Trichloroethene
Scan Number	: 2011
Retention Time (minutes)	: 8.047
Quant Ion	: 95.0
Area (flag)	: 37984
Concentration (ug/L)	: 6.2302

8120

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCOR2

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 5224003

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: HP09915.i/07dec04a.b/ld04s09.d

Level: (low/med) LOW Date Received: 11/30/07

Moisture: not dec. _____ Date Analyzed: 12/04/07

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
74-87-3	Chloromethane	5	U
75-01-4	Vinyl Chloride	5	U
74-83-9	Bromomethane	5	U
75-00-3	Chloroethane	5	U
75-69-4	Trichlorofluoromethane	5	U
75-35-4	1,1-Dichloroethene	5	U
75-09-2	Methylene Chloride	5	U
156-60-5	trans-1,2-Dichloroethene	5	U
1634-04-4	Methyl Tertiary Butyl Ether	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
156-59-2	cis-1,2-Dichloroethene	5	U
67-66-3	Chloroform	5	U
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
71-43-2	Benzene	5	U
107-06-2	1,2-Dichloroethane	5	U
79-01-6	Trichloroethene	5	U
78-87-5	1,2-Dichloropropane	5	U
75-27-4	Bromodichloromethane	5	U
110-75-8	2-Chloroethyl Vinyl Ether	10	U
10061-01-5	cis-1,3-Dichloropropene	5	U
108-88-3	Toluene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
79-00-5	1,1,2-Trichloroethane	5	U
127-18-4	Tetrachloroethene	5	U
124-48-1	Dibromochloromethane	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
1330-20-7	m+p-Xylene	5	U

0121

FORM I VOA

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCOR2

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 5224003

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: HP09915.i/07dec04a.b/ld04s09.d

Level: (low/med) LOW Date Received: 11/30/07

Moisture: not dec. _____ Date Analyzed: 12/04/07

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
1330-20-7	Xylene (Total)	5	U
95-47-6	o-Xylene	5	U
75-25-2	Bromoform	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
541-73-1	1,3-Dichlorobenzene	5	U
106-46-7	1,4-Dichlorobenzene	5	U
95-50-1	1,2-Dichlorobenzene	5	U

0122

FORM I VOA

BCOR2

Lancaster Laboratories
Quantitation Report GC/MS Volatiles

5224003

File: /chem/HP09915.i/07dec04a.b/ld04s09.d
Sample: BCOR2;5224003;1;0;;;;;;
Injected At:04-DEC-2007 23:16
Calibration Time: 29-NOV-2007 21:45
Target Method: L8260W.m
Blank Reference: ld04b01.d
Sublist: CBN

Sample Concentration Formula: On-Column Amount * (Vt/Vo)
Batch:L073381AA
Analyst:SEW02002
Instrument ID:HP09915.i
Standard Reference: ld04c01.d
Prep Factor:1.00
Units: ug/L

Matrix: WATER
Level: Low
Sample Wt./Vol.: 5.0000 ml (Vo)
Volume Purged: 5.0 ml (Vt)
Bottle Code:38A

Internal Standards	RT(+/-RT)	Scan	QIon	Area(+/- %Area)	Conc(ext)	QC Flag
71) Fluorobenzene	7.559(0.003)	1859	96	1189375(-7)	50.00	
101) Chlorobenzene-d5	11.060(0.000)	2948	117	867369(-8)	50.00	
132) 1,4-Dichlorobenzene-d4	12.938(0.000)	3532	152	468767(-14)	50.00	

= RETENTION TIME OUT OF RANGE * = INTERNAL STANDARD OUT OF RANGE NC = NOT ABLE TO CALCULATE

Surrogate Standards	I.S. Ref.	RT (+/-RRT)	QIon	Area	Conc. (on column)	%Rec.	QC flags	QC Limits
51) Dibromofluoromethane	(1)	6.633(0.000)	113	291018	53.309	107%		80 - 116
62) 1,2-Dichloroethane-d4	(1)	7.099(-0.001)	102	68020	52.633	105%		77 - 113
89) Toluene-d8	(2)	9.597(0.000)	98	1147305	53.224	106%		80 - 113
113) 4-Bromofluorobenzene	(2)	12.057(0.000)	95	435860	48.320	97%		78 - 113

= RELATIVE RETENTION TIME OUT OF RANGE * = PERCENT REC.OUT OF RANGE D = DILUTED OUT NC = NOT ABLE TO CALCULATE

Target Compounds	I.S. Ref.	RT (+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit	LOQ
2) Chloromethane	(1)				ND	ND			1.00	5.00
3) Vinyl Chloride	(1)				ND	ND			1.00	5.00
6) Bromomethane	(1)				ND	ND			1.00	5.00
7) Chloroethane	(1)				ND	ND			1.00	5.00
8) Trichlorofluoromethane	(1)				ND	ND			2.00	5.00
16) 1,1-Dichloroethene	(1)				ND	ND			0.80	5.00
26) Methylene Chloride	(1)				ND	ND			2.00	5.00
30) trans-1,2-Dichloroethene	(1)				ND	ND			0.80	5.00
31) Methyl Tertiary Butyl Ether	(1)				ND	ND			0.50	5.00
40) 1,2-Dichloroethene (total)	(1)				ND	ND			0.80	5.00
36) 1,1-Dichloroethane	(1)				ND	ND			1.00	5.00
42) cis-1,2-Dichloroethene	(1)				ND	ND			0.80	5.00
49) Chloroform	(1)				ND	ND			0.80	5.00
54) 1,1,1-Trichloroethane	(1)				ND	ND			0.80	5.00
59) Carbon Tetrachloride	(1)				ND	ND			1.00	5.00
64) Benzene	(1)				ND	ND			0.50	5.00
65) 1,2-Dichloroethane	(1)				ND	ND			1.00	5.00
74) Trichloroethene	(1)				ND	ND			1.00	5.00
77) 1,2-Dichloropropane	(1)				ND	ND			1.00	5.00
82) Bromodichloromethane	(1)				ND	ND			1.00	5.00
84) 2-Chloroethyl Vinyl Ether	(1)				ND	ND			2.00	10.00
85) cis-1,3-Dichloropropene	(1)				ND	ND			1.00	5.00
90) Toluene	(2)				ND	ND			0.70	5.00
91) trans-1,3-Dichloropropene	(2)				ND	ND			1.00	5.00

E = CONC. OUT OF CAL. RANGE # = RELATIVE RETENTION TIME OUT OF RANGE

BCOR2

Lancaster Laboratories
Quantitation Report GC/MS Volatiles

5224003

File: /chem/HP09915.i/07dec04a.b/ld04s09.d
Sample: BCOR2;5224003;1;0;;;;;;
Injected At:04-DEC-2007 23:16
Calibration Time: 29-NOV-2007 21:45
Target Method: L8260W.m
Blank Reference: ld04b01.d
Sublist: CBN

Sample Concentration Formula: On-Column Amount * (Vt/Vo)
Batch:L073381AA
Analyst:SEW02002
Instrument ID:HP09915.i
Standard Reference: ld04c01.d
Prep Factor:1.00
Units: ug/L

Matrix: WATER
Level: Low
Sample Wt./Vol.: 5.0000 ml (Vo)
Volume Purged: 5.0 ml (Vt)
Bottle Code:38A

Target Compounds	I.S. Ref.	RT	(+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit	LOQ
93) 1,1,2-Trichloroethane	(2)					ND	ND			0.80	5.00
94) Tetrachloroethene	(2)					ND	ND			0.80	5.00
98) Dibromochloromethane	(2)					ND	ND			1.00	5.00
102) Chlorobenzene	(2)					ND	ND			0.80	5.00
104) Ethylbenzene	(2)					ND	ND			0.80	5.00
105) m+p-Xylene	(2)					ND	ND			0.80	5.00
106) Xylene (Total)	(2)					ND	ND			0.80	5.00
107) o-Xylene	(2)					ND	ND			0.80	5.00
109) Bromoform	(2)					ND	ND			1.00	5.00
116) 1,1,2,2-Tetrachloroethane	(3)					ND	ND			1.00	5.00
131) 1,3-Dichlorobenzene	(3)					ND	ND			1.00	5.00
133) 1,4-Dichlorobenzene	(3)					ND	ND			1.00	5.00
139) 1,2-Dichlorobenzene	(3)					ND	ND			1.00	5.00

E = CONC. OUT OF CAL. RANGE # = RELATIVE RETENTION TIME OUT OF RANGE

Comments: _____

Analyst: Ulrsamdale Date: 12/5/07

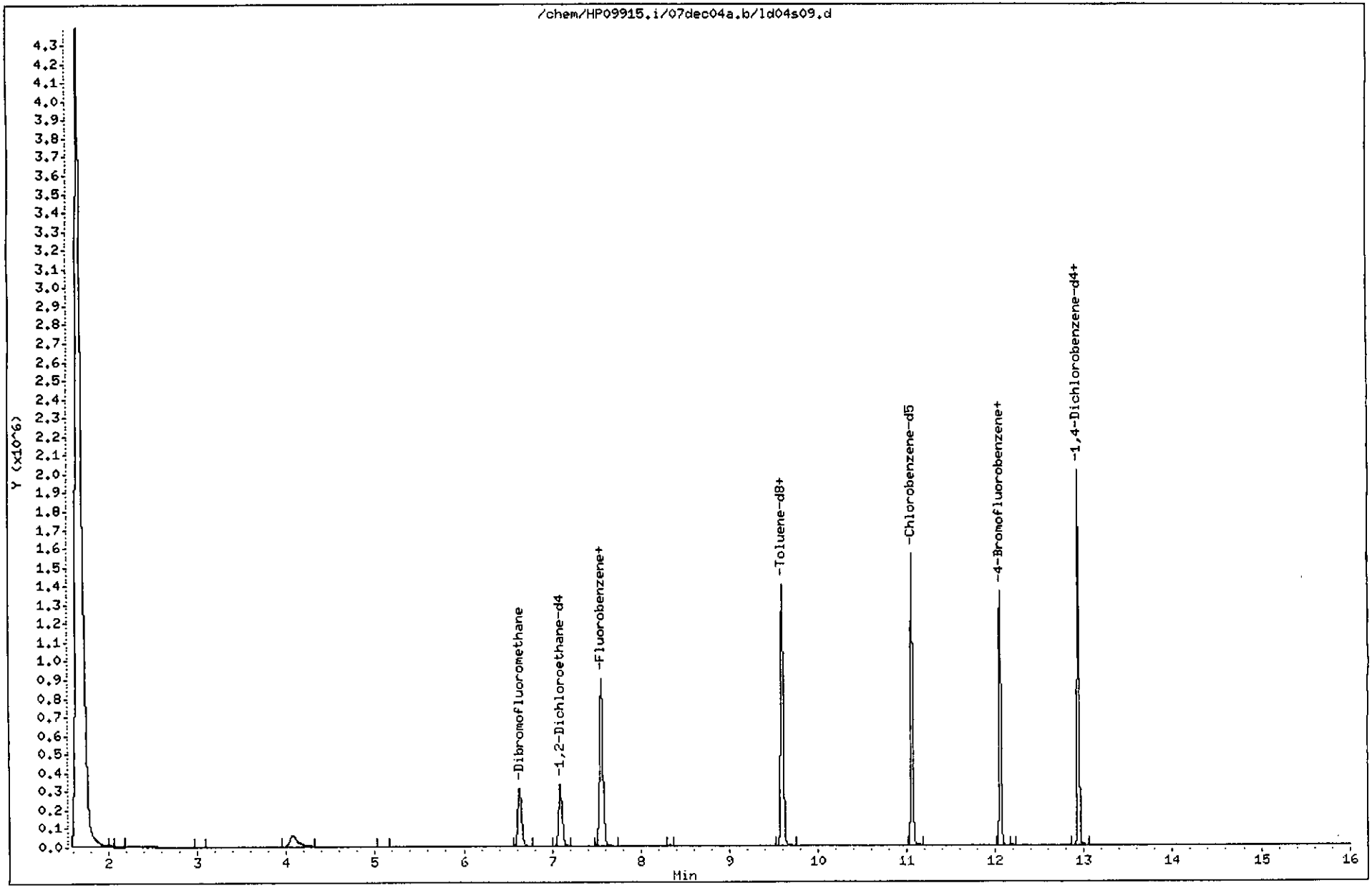
Auditor: _____ Date: 12-5-07

Data File: /chem/HP09915.i/07dec04a.b/ld04s09.d
Date : 04-DEC-2007 23:16
Client ID: BCOR2
Sample Info: BCOR2;5224003;1;0;;;;;;
Purge Volume: 5.0
Column phase: DB-624

Instrument: HP09915.i

Operator: SEW02002
Column diameter: 0.25

0125



Quant Report

Target Revision 3.5

Data File: /chem/HP09915.i/07dec04a.b/ld04s09.d Instrument ID: HP09915.i
Injection date and time: 04-DEC-2007 23:16 Analyst ID: SEW02002

Method used: /chem/HP09915.i/07dec04a.b/L8260W.m Sublist used: CBN
Calibration date and time: 29-NOV-2007 21:45
Date, time and analyst ID of latest file update: 05-Dec-2007 05:19 amd00492

Sample Name: BCOR2 Lab Sample ID: 5224003

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
71) *Fluorobenzene	(1)	7.559	96	1189375	50.000
101) *Chlorobenzene-d5	(2)	11.060	117	867369	50.000
132) *1,4-Dichlorobenzene-d4	(3)	12.938	152	468767	50.000
51) $Dibromofluoromethane	(1)	6.633	113	291018	53.309
62) $1,2-Dichloroethane-d4	(1)	7.099	102	68020	52.633
89) $Toluene-d8	(2)	9.597	98	1147305	53.224
113) $4-Bromofluorobenzene	(2)	12.057	95	435860	48.320

* = Compound is an internal standard.
$ = Compound is a surrogate standard.

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCOS2

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 5224004

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: HP09915.i/07dec04a.b/ld04s10.d

Level: (low/med) LOW Date Received: 11/30/07

Moisture: not dec. _____ Date Analyzed: 12/04/07

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
74-87-3	Chloromethane	5	U
75-01-4	Vinyl Chloride	5	U
74-83-9	Bromomethane	5	U
75-00-3	Chloroethane	5	U
75-69-4	Trichlorofluoromethane	5	U
75-35-4	1,1-Dichloroethene	5	U
75-09-2	Methylene Chloride	5	U
156-60-5	trans-1,2-Dichloroethene	5	U
1634-04-4	Methyl Tertiary Butyl Ether	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
156-59-2	cis-1,2-Dichloroethene	5	U
67-66-3	Chloroform	5	U
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
71-43-2	Benzene	5	U
107-06-2	1,2-Dichloroethane	5	U
79-01-6	Trichloroethene	5	U
78-87-5	1,2-Dichloropropane	5	U
75-27-4	Bromodichloromethane	5	U
110-75-8	2-Chloroethyl Vinyl Ether	10	U
10061-01-5	cis-1,3-Dichloropropene	5	U
108-88-3	Toluene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
79-00-5	1,1,2-Trichloroethane	5	U
127-18-4	Tetrachloroethene	5	U
124-48-1	Dibromochloromethane	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
1330-20-7	m+p-Xylene	5	U

9127

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCOS2

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 5224004

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: HP09915.i/07dec04a.b/ld04s10.d

Level: (low/med) LOW Date Received: 11/30/07

Moisture: not dec. _____ Date Analyzed: 12/04/07

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L		Q
1330-20-7	Xylene (Total)		5	U
95-47-6	o-Xylene		5	U
75-25-2	Bromoform		5	U
79-34-5	1,1,2,2-Tetrachloroethane		5	U
541-73-1	1,3-Dichlorobenzene		5	U
106-46-7	1,4-Dichlorobenzene		5	U
95-50-1	1,2-Dichlorobenzene		5	U

0128

FORM I VOA

BCOS2

Lancaster Laboratories
Quantitation Report GC/MS Volatiles

5224004

File: /chem/HP09915.i/07dec04a.b/ld04s10.d
Sample: BCOS2;5224004;1;0;;;;;;
Injected At:04-DEC-2007 23:39
Calibration Time: 29-NOV-2007 21:45
Target Method: L8260W.m
Blank Reference: ld04b01.d
Sublist: CBN

Sample Concentration Formula: On-Column Amount * (Vt/Vo)
Batch:L073381AA
Analyst:SEW02002
Instrument ID:HP09915.i
Standard Reference: ld04c01.d
Prep Factor:1.00
Units: ug/L

Matrix: WATER
Level: Low
Sample Wt./Vol.: 5.0000 ml (Vo)
Volume Purged: 5.0 ml (Vt)
Bottle Code:38A

Internal Standards	RT(+/-RT)	Scan	QIon	Area(+/- %Area)	Conc(ext)	QC Flag
71) Fluorobenzene	7.558(0.003)	1859	96	1157748(-10)	50.00	
101) Chlorobenzene-d5	11.060(0.000)	2948	117	839267(-11)	50.00	
132) 1,4-Dichlorobenzene-d4	12.938(0.000)	3532	152	451044(-18)	50.00	

= RETENTION TIME OUT OF RANGE * = INTERNAL STANDARD OUT OF RANGE NC = NOT ABLE TO CALCULATE

Surrogate Standards	I.S. Ref.	RT (+/-RRT)	QIon	Area	Conc. (on column)	%Rec.	QC flags	QC Limits
51) Dibromofluoromethane	(1)	6.636(0.000)	113	280486	52.783	106%		80 - 116
62) 1,2-Dichloroethane-d4	(1)	7.095(-0.001)	102	64751	51.473	103%		77 - 113
89) Toluene-d8	(2)	9.597(0.000)	98	1107605	53.103	106%		80 - 113
113) 4-Bromofluorobenzene	(2)	12.057(0.000)	95	415550	47.611	95%		78 - 113

= RELATIVE RETENTION TIME OUT OF RANGE * = PERCENT REC.OUT OF RANGE D = DILUTED OUT NC = NOT ABLE TO CALCULATE

Target Compounds	I.S. Ref.	RT (+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit	LOQ
2) Chloromethane	(1)				ND	ND			1.00	5.00
3) Vinyl Chloride	(1)				ND	ND			1.00	5.00
6) Bromomethane	(1)				ND	ND			1.00	5.00
7) Chloroethane	(1)				ND	ND			1.00	5.00
8) Trichlorofluoromethane	(1)				ND	ND			2.00	5.00
16) 1,1-Dichloroethene	(1)				ND	ND			0.80	5.00
26) Methylene Chloride	(1)				ND	ND			2.00	5.00
30) trans-1,2-Dichloroethene	(1)				ND	ND			0.80	5.00
31) Methyl Tertiary Butyl Ether	(1)				ND	ND			0.50	5.00
40) 1,2-Dichloroethene (total)	(1)				ND	ND			0.80	5.00
36) 1,1-Dichloroethane	(1)				ND	ND			1.00	5.00
42) cis-1,2-Dichloroethene	(1)				ND	ND			0.80	5.00
49) Chloroform	(1)				ND	ND			0.80	5.00
54) 1,1,1-Trichloroethane	(1)				ND	ND			0.80	5.00
59) Carbon Tetrachloride	(1)				ND	ND			1.00	5.00
64) Benzene	(1)				ND	ND			0.50	5.00
65) 1,2-Dichloroethane	(1)				ND	ND			1.00	5.00
74) Trichloroethene	(1)				ND	ND			1.00	5.00
77) 1,2-Dichloropropane	(1)				ND	ND			1.00	5.00
82) Bromodichloromethane	(1)				ND	ND			1.00	5.00
84) 2-Chloroethyl Vinyl Ether	(1)				ND	ND			2.00	10.00
85) cis-1,3-Dichloropropene	(1)				ND	ND			1.00	5.00
90) Toluene	(2)				ND	ND			0.70	5.00
91) trans-1,3-Dichloropropene	(2)				ND	ND			1.00	5.00

E = CONC. OUT OF CAL. RANGE # = RELATIVE RETENTION TIME OUT OF RANGE

BCOS2

Lancaster Laboratories
Quantitation Report GC/MS Volatiles

5224004

File: /chem/HP09915.i/07dec04a.b/ld04s10.d
Sample: BCOS2;5224004;1;0;;;;;;
Injected At:04-DEC-2007 23:39
Calibration Time: 29-NOV-2007 21:45
Target Method: L8260W.m
Blank Reference: ld04b01.d
Sublist: CBN

Sample Concentration Formula: On-Column Amount * (Vt/Vo)
Batch:L073381AA
Analyst:SEW02002
Instrument ID:HP09915.i
Standard Reference: ld04c01.d
Prep Factor:1.00
Units: ug/L

Matrix: WATER
Level: Low
Sample Wt./Vol.: 5.0000 ml (Vo)
Volume Purged: 5.0 ml (Vt)
Bottle Code:38A

Target Compounds	I.S. Ref.	RT	(+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit	LOQ
93) 1,1,2-Trichloroethane	(2)					ND	ND			0.80	5.00
94) Tetrachloroethene	(2)					ND	ND			0.80	5.00
98) Dibromochloromethane	(2)					ND	ND			1.00	5.00
102) Chlorobenzene	(2)					ND	ND			0.80	5.00
104) Ethylbenzene	(2)					ND	ND			0.80	5.00
105) m+p-Xylene	(2)					ND	ND			0.80	5.00
106) Xylene (Total)	(2)					ND	ND			0.80	5.00
107) o-Xylene	(2)					ND	ND			0.80	5.00
109) Bromoform	(2)					ND	ND			1.00	5.00
116) 1,1,2,2-Tetrachloroethane	(3)					ND	ND			1.00	5.00
131) 1,3-Dichlorobenzene	(3)					ND	ND			1.00	5.00
133) 1,4-Dichlorobenzene	(3)					ND	ND			1.00	5.00
139) 1,2-Dichlorobenzene	(3)					ND	ND			1.00	5.00

E = CONC. OUT OF CAL. RANGE # = RELATIVE RETENTION TIME OUT OF RANGE

Comments: _____

Analyst: LMcClelland Date: 12/5/07

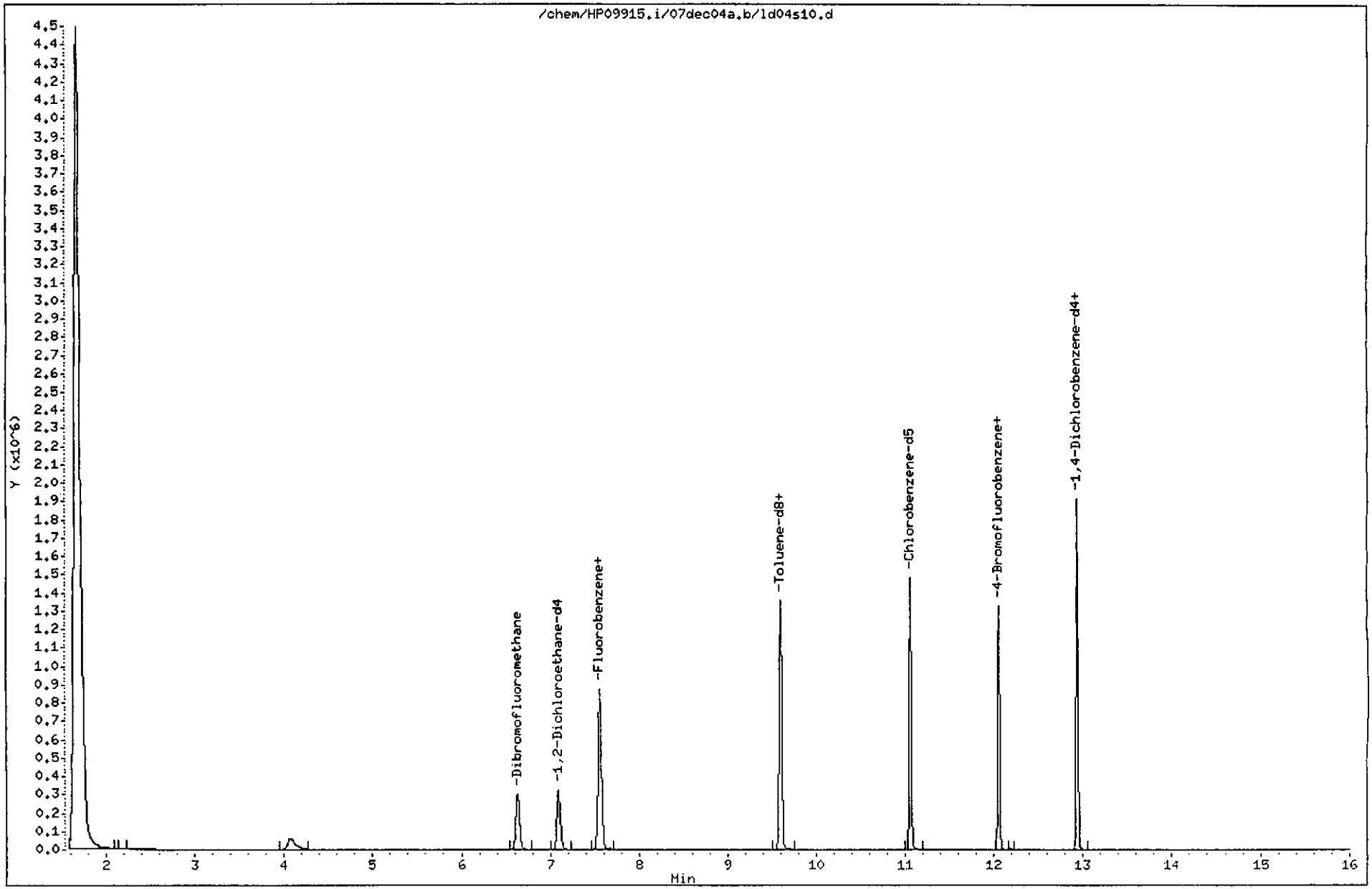
Auditor: _____ Date: 12-5-07

Data File: /chem/HP09915.i/07dec04a.b/ld04s10.d
Date : 04-DEC-2007 23:39
Client ID: BCOS2
Sample Info: BCOS2;5224004;1;0;;;;;;
Purge Volume: 5.0
Column phase: DB-624

Instrument: HP09915.i

Operator: SEW02002
Column diameter: 0.25

0131



Quant Report

Target Revision 3.5

Data File: /chem/HP09915.i/07dec04a.b/ld04s10.d Instrument ID: HP09915.i
Injection date and time: 04-DEC-2007 23:39 Analyst ID: SEW02002

Method used: /chem/HP09915.i/07dec04a.b/L8260W.m Sublist used: CBN
Calibration date and time: 29-NOV-2007 21:45
Date, time and analyst ID of latest file update: 05-Dec-2007 05:19 amd00492

Sample Name: BCOS2 Lab Sample ID: 5224004

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
71)*Fluorobenzene	(1)	7.558	96	1157748	50.000
101)*Chlorobenzene-d5	(2)	11.060	117	839267	50.000
132)*1,4-Dichlorobenzene-d4	(3)	12.938	152	451044	50.000
51)$Dibromofluoromethane	(1)	6.636	113	280486	52.783
62)$1,2-Dichloroethane-d4	(1)	7.095	102	64751	51.473
89)$Toluene-d8	(2)	9.597	98	1107605	53.103
113)$4-Bromofluorobenzene	(2)	12.057	95	415550	47.611

* = Compound is an internal standard.
$ = Compound is a surrogate standard.

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCOR3

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 5224005

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: HP09915.i/07dec04a.b/ld04s14.d

Level: (low/med) LOW Date Received: 11/30/07

Moisture: not dec. _____ Date Analyzed: 12/05/07

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
74-87-3	Chloromethane	5	U
75-01-4	Vinyl Chloride	5	U
74-83-9	Bromomethane	5	U
75-00-3	Chloroethane	5	U
75-69-4	Trichlorofluoromethane	5	U
75-35-4	1,1-Dichloroethene	5	U
75-09-2	Methylene Chloride	5	U
156-60-5	trans-1,2-Dichloroethene	5	U
1634-04-4	Methyl Tertiary Butyl Ether	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
156-59-2	cis-1,2-Dichloroethene	5	U
67-66-3	Chloroform	5	U
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
71-43-2	Benzene	5	U
107-06-2	1,2-Dichloroethane	5	U
79-01-6	Trichloroethene	5	U
78-87-5	1,2-Dichloropropane	5	U
75-27-4	Bromodichloromethane	5	U
110-75-8	2-Chloroethyl Vinyl Ether	10	U
10061-01-5	cis-1,3-Dichloropropene	5	U
108-88-3	Toluene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
79-00-5	1,1,2-Trichloroethane	5	U
127-18-4	Tetrachloroethene	5	U
124-48-1	Dibromochloromethane	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
1330-20-7	m+p-Xylene	5	U

@133

FORM I VOA

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCOR3

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 5224005

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: HP09915.i/07dec04a.b/ld04s14.d

Level: (low/med) LOW Date Received: 11/30/07

Moisture: not dec. _____ Date Analyzed: 12/05/07

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
1330-20-7	Xylene (Total)	5	U
95-47-6	o-Xylene	5	U
75-25-2	Bromoform	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
541-73-1	1,3-Dichlorobenzene	5	U
106-46-7	1,4-Dichlorobenzene	5	U
95-50-1	1,2-Dichlorobenzene	5	U

8134

BCOR3

Lancaster Laboratories
Quantitation Report GC/MS Volatiles

5224005

File: /chem/HP09915.i/07dec04a.b/ld04s14.d
Sample: BCOR3;5224005;1;0;;;;;;
Injected At:05-DEC-2007 01:08
Calibration Time: 29-NOV-2007 21:45
Target Method: L8260W.m
Blank Reference: ld04b01.d
Sublist: CBN

Sample Concentration Formula: On-Column Amount * (Vt/Vo)
Batch:L073381AA
Analyst:SEW02002
Instrument ID:HP09915.i
Standard Reference: ld04c01.d
Prep Factor:1.00
Units: ug/L

Matrix: WATER
Level: Low
Sample Wt./Vol.: 5.0000 ml (Vo)
Volume Purged: 5.0 ml (Vt)
Bottle Code:38A

Internal Standards	RT(+/-RT)	Scan	QIon	Area(+/- %Area)	Conc(ext)	QC Flag
71) Fluorobenzene	7.559(0.003)	1859	96	1129931(-12)	50.00	
101) Chlorobenzene-d5	11.060(0.000)	2948	117	825230(-12)	50.00	
132) 1,4-Dichlorobenzene-d4	12.938(0.000)	3532	152	445222(-19)	50.00	

= RETENTION TIME OUT OF RANGE * = INTERNAL STANDARD OUT OF RANGE NC = NOT ABLE TO CALCULATE

Surrogate Standards	I.S. Ref.	RT (+/-RRT)	QIon	Area	Conc. (on column)	%Rec.	QC flags	QC Limits
51) Dibromofluoromethane	(1)	6.633(0.000)	113	277172	53.444	107%		80 - 116
62) 1,2-Dichloroethane-d4	(1)	7.099(-0.001)	102	63788	51.955	104%		77 - 113
89) Toluene-d8	(2)	9.600(0.000)	98	1089056	53.101	106%		80 - 113
113) 4-Bromofluorobenzene	(2)	12.057(0.000)	95	412821	48.102	96%		78 - 113

= RELATIVE RETENTION TIME OUT OF RANGE * = PERCENT REC.OUT OF RANGE D = DILUTED OUT NC = NOT ABLE TO CALCULATE

Target Compounds	I.S. Ref.	RT (+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit	LOQ
2) Chloromethane	(1)				ND	ND			1.00	5.00
3) Vinyl Chloride	(1)				ND	ND			1.00	5.00
6) Bromomethane	(1)				ND	ND			1.00	5.00
7) Chloroethane	(1)				ND	ND			1.00	5.00
8) Trichlorofluoromethane	(1)				ND	ND			2.00	5.00
16) 1,1-Dichloroethene	(1)				ND	ND			0.80	5.00
26) Methylene Chloride	(1)				ND	ND			2.00	5.00
30) trans-1,2-Dichloroethene	(1)				ND	ND			0.80	5.00
31) Methyl Tertiary Butyl Ether	(1)				ND	ND			0.50	5.00
40) 1,2-Dichloroethene (total)	(1)				ND	ND			0.80	5.00
36) 1,1-Dichloroethane	(1)				ND	ND			1.00	5.00
42) cis-1,2-Dichloroethene	(1)				ND	ND			0.80	5.00
49) Chloroform	(1)				ND	ND			0.80	5.00
54) 1,1,1-Trichloroethane	(1)				ND	ND			0.80	5.00
59) Carbon Tetrachloride	(1)				ND	ND			1.00	5.00
64) Benzene	(1)				ND	ND			0.50	5.00
65) 1,2-Dichloroethane	(1)				ND	ND			1.00	5.00
74) Trichloroethene	(1)				ND	ND			1.00	5.00
77) 1,2-Dichloropropane	(1)				ND	ND			1.00	5.00
82) Bromodichloromethane	(1)				ND	ND			1.00	5.00
84) 2-Chloroethyl Vinyl Ether	(1)				ND	ND			2.00	10.00
85) cis-1,3-Dichloropropene	(1)				ND	ND			1.00	5.00
90) Toluene	(2)				ND	ND			0.70	5.00
91) trans-1,3-Dichloropropene	(2)				ND	ND			1.00	5.00

E = CONC. OUT OF CAL. RANGE # = RELATIVE RETENTION TIME OUT OF RANGE

BCOR3

Lancaster Laboratories
Quantitation Report GC/MS Volatiles

5224005

File: /chem/HP09915.i/07dec04a.b/ld04s14.d
Sample: BCOR3;5224005;1;0;;;;;;
Injected At:05-DEC-2007 01:08
Calibration Time: 29-NOV-2007 21:45
Target Method: L8260W.m
Blank Reference: ld04b01.d
Sublist: CBN

Sample Concentration Formula: On-Column Amount * (Vt/Vo)
Batch:L073381AA
Analyst:SEW02002
Instrument ID:HP09915.i
Standard Reference: ld04c01.d
Prep Factor:1.00
Units: ug/L

Matrix: WATER
Level: Low
Sample Wt./Vol.: 5.0000 ml (Vo)
Volume Purged: 5.0 ml (Vt)
Bottle Code:38A

Target Compounds	I.S. Ref.	RT	(+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit	LOQ
93) 1,1,2-Trichloroethane	(2)					ND	ND			0.80	5.00
94) Tetrachloroethene	(2)					ND	ND			0.80	5.00
98) Dibromochloromethane	(2)					ND	ND			1.00	5.00
102) Chlorobenzene	(2)					ND	ND			0.80	5.00
104) Ethylbenzene	(2)					ND	ND			0.80	5.00
105) m+p-Xylene	(2)					ND	ND			0.80	5.00
106) Xylene (Total)	(2)					ND	ND			0.80	5.00
107) o-Xylene	(2)					ND	ND			0.80	5.00
109) Bromoform	(2)					ND	ND			1.00	5.00
116) 1,1,2,2-Tetrachloroethane	(3)					ND	ND			1.00	5.00
131) 1,3-Dichlorobenzene	(3)					ND	ND			1.00	5.00
133) 1,4-Dichlorobenzene	(3)					ND	ND			1.00	5.00
139) 1,2-Dichlorobenzene	(3)					ND	ND			1.00	5.00

E = CONC. OUT OF CAL. RANGE # = RELATIVE RETENTION TIME OUT OF RANGE

Comments: _____

Analyst: [signature] Date: 12/5/07

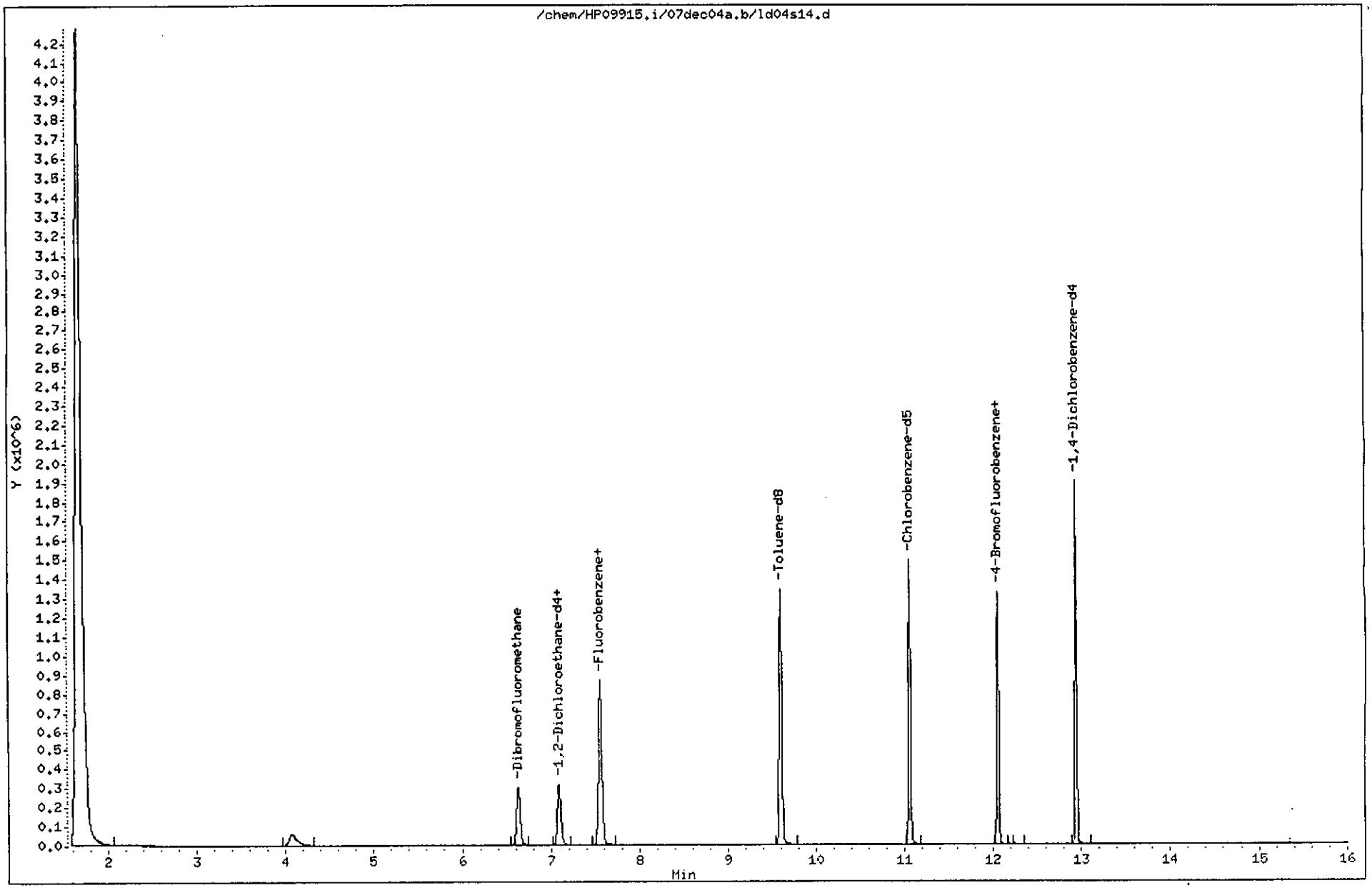
Auditor: [signature] Date: 12-5-07

8136

Data File: /chem/HP09915.i/07dec04a.b/ld04s14.d
Date : 05-DEC-2007 01:08
Client ID: BCOR3
Sample Info: BCOR3;5224005;1;0;;;;;;
Purge Volume: 5.0
Column phase: DB-624

Instrument: HP09915.i

Operator: SEW02002
Column diameter: 0.25



Quant Report

Target Revision 3.5

Data File: /chem/HP09915.i/07dec04a.b/ld04s14.d Instrument ID: HP09915.i
Injection date and time: 05-DEC-2007 01:08 Analyst ID: SEW02002

Method used: /chem/HP09915.i/07dec04a.b/L8260W.m Sublist used: CBN
Calibration date and time: 29-NOV-2007 21:45
Date, time and analyst ID of latest file update: 05-Dec-2007 05:21 amd00492

Sample Name: BCOR3 Lab Sample ID: 5224005

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
71) *Fluorobenzene	(1)	7.559	96	1129931	50.000
101) *Chlorobenzene-d5	(2)	11.060	117	825230	50.000
132) *1,4-Dichlorobenzene-d4	(3)	12.938	152	445222	50.000
51) $Dibromofluoromethane	(1)	6.633	113	277172	53.444
62) $1,2-Dichloroethane-d4	(1)	7.099	102	63788	51.955
89) $Toluene-d8	(2)	9.600	98	1089056	53.101
113) $4-Bromofluorobenzene	(2)	12.057	95	412821	48.102

* = Compound is an internal standard.
$ = Compound is a surrogate standard.

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCOS3

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 5224006

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: HP09915.i/07dec04a.b/1d04s11.d

Level: (low/med) LOW Date Received: 11/30/07

Moisture: not dec. _____ Date Analyzed: 12/05/07

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L		Q
74-87-3	Chloromethane		5	U
75-01-4	Vinyl Chloride		5	U
74-83-9	Bromomethane		5	U
75-00-3	Chloroethane		5	U
75-69-4	Trichlorofluoromethane		5	U
75-35-4	1,1-Dichloroethene		5	U
75-09-2	Methylene Chloride		5	U
156-60-5	trans-1,2-Dichloroethene		5	U
1634-04-4	Methyl Tertiary Butyl Ether		5	U
75-34-3	1,1-Dichloroethane		5	U
540-59-0	1,2-Dichloroethene (total)		5	U
156-59-2	cis-1,2-Dichloroethene		5	U
67-66-3	Chloroform		5	U
71-55-6	1,1,1-Trichloroethane		5	U
56-23-5	Carbon Tetrachloride		5	U
71-43-2	Benzene		5	U
107-06-2	1,2-Dichloroethane		5	U
79-01-6	Trichloroethene		5	U
78-87-5	1,2-Dichloropropane		5	U
75-27-4	Bromodichloromethane		5	U
110-75-8	2-Chloroethyl Vinyl Ether		10	U
10061-01-5	cis-1,3-Dichloropropene		5	U
108-88-3	Toluene		5	U
10061-02-6	trans-1,3-Dichloropropene		5	U
79-00-5	1,1,2-Trichloroethane		5	U
127-18-4	Tetrachloroethene		5	U
124-48-1	Dibromochloromethane		5	U
108-90-7	Chlorobenzene		5	U
100-41-4	Ethylbenzene		5	U
1330-20-7	m+p-Xylene		5	U

8139

FORM I VOA

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCOS3

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 5224006

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: HP09915.i/07dec04a.b/ld04s11.d

Level: (low/med) LOW Date Received: 11/30/07

Moisture: not dec. _____ Date Analyzed: 12/05/07

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
1330-20-7	Xylene (Total)	5	U
95-47-6	o-Xylene	5	U
75-25-2	Bromoform	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
541-73-1	1,3-Dichlorobenzene	5	U
106-46-7	1,4-Dichlorobenzene	5	U
95-50-1	1,2-Dichlorobenzene	5	U

8148

BCOS3

Lancaster Laboratories
Quantitation Report GC/MS Volatiles

5224006

File: /chem/HP09915.i/07dec04a.b/ld04s11.d
Sample: BCOS3;5224006;1;0;;;;;;
Injected At:05-DEC-2007 00:01
Calibration Time: 29-NOV-2007 21:45
Target Method: L8260W.m
Blank Reference: ld04b01.d
Sublist: CBN

Sample Concentration Formula: On-Column Amount * (Vt/Vo)
Batch:L073381AA
Analyst:SEW02002
Instrument ID:HP09915.i
Standard Reference: ld04c01.d
Prep Factor:1.00
Units: ug/L

Matrix: WATER
Level: Low
Sample Wt./Vol.: 5.0000 ml (Vo)
Volume Purged: 5.0 ml (Vt)
Bottle Code:38A

Internal Standards	RT(+/-RT)	Scan	QIon	Area(+/- %Area)	Conc(ext)	QC Flag
71) Fluorobenzene	7.555(0.006)	1858	96	1164757(-9)	50.00	
101) Chlorobenzene-d5	11.060(0.000)	2948	117	846200(-10)	50.00	
132) 1,4-Dichlorobenzene-d4	12.938(0.000)	3532	152	466735(-15)	50.00	

= RETENTION TIME OUT OF RANGE * = INTERNAL STANDARD OUT OF RANGE NC = NOT ABLE TO CALCULATE

Surrogate Standards	I.S. Ref.	RT (+/-RRT)	QIon	Area	Conc. (on column)	%Rec.	QC flags	QC Limits
51) Dibromofluoromethane	(1)	6.629(0.000)	113	283047	52.945	106%		80 - 116
62) 1,2-Dichloroethane-d4	(1)	7.092(-0.001)	102	66350	52.426	105%		77 - 113
89) Toluene-d8	(2)	9.597(0.000)	98	1123517	53.424	107%		80 - 113
113) 4-Bromofluorobenzene	(2)	12.057(0.000)	95	450015	51.137	102%		78 - 113

= RELATIVE RETENTION TIME OUT OF RANGE * = PERCENT REC.OUT OF RANGE D = DILUTED OUT NC = NOT ABLE TO CALCULATE

Target Compounds	I.S. Ref.	RT (+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit	LOQ
2) Chloromethane	(1)				ND	ND			1.00	5.00
3) Vinyl Chloride	(1)				ND	ND			1.00	5.00
6) Bromomethane	(1)				ND	ND			1.00	5.00
7) Chloroethane	(1)				ND	ND			1.00	5.00
8) Trichlorofluoromethane	(1)				ND	ND			2.00	5.00
16) 1,1-Dichloroethene	(1)				ND	ND			0.80	5.00
26) Methylene Chloride	(1)				ND	ND			2.00	5.00
30) trans-1,2-Dichloroethene	(1)				ND	ND			0.80	5.00
31) Methyl Tertiary Butyl Ether	(1)				ND	ND			0.50	5.00
40) 1,2-Dichloroethene (total)	(1)				ND	ND			0.80	5.00
36) 1,1-Dichloroethane	(1)				ND	ND			1.00	5.00
42) cis-1,2-Dichloroethene	(1)				ND	ND			0.80	5.00
49) Chloroform	(1)				ND	ND			0.80	5.00
54) 1,1,1-Trichloroethane	(1)				ND	ND			0.80	5.00
59) Carbon Tetrachloride	(1)				ND	ND			1.00	5.00
64) Benzene	(1)				ND	ND			0.50	5.00
65) 1,2-Dichloroethane	(1)				ND	ND			1.00	5.00
74) Trichloroethene	(1)				ND	ND			1.00	5.00
77) 1,2-Dichloropropane	(1)				ND	ND			1.00	5.00
82) Bromodichloromethane	(1)				ND	ND			1.00	5.00
84) 2-Chloroethyl Vinyl Ether	(1)				ND	ND			2.00	10.00
85) cis-1,3-Dichloropropene	(1)				ND	ND			1.00	5.00
90) Toluene	(2)				ND	ND			0.70	5.00
91) trans-1,3-Dichloropropene	(2)				ND	ND			1.00	5.00

E = CONC. OUT OF CAL. RANGE # = RELATIVE RETENTION TIME OUT OF RANGE

BCOS3

Lancaster Laboratories
Quantitation Report GC/MS Volatiles

5224006

File: /chem/HP09915.i/07dec04a.b/ld04s11.d
Sample: BCOS3;5224006;1;0;;;;;;
Injected At:05-DEC-2007 00:01
Calibration Time: 29-NOV-2007 21:45
Target Method: L8260W.m
Blank Reference: ld04b01.d
Sublist: CBN

Sample Concentration Formula: On-Column Amount * (Vt/Vo)
Batch:L073381AA
Analyst:SEW02002
Instrument ID:HP09915.i
Standard Reference: ld04c01.d
Prep Factor:1.00
Units: ug/L

Matrix: WATER
Level: Low
Sample Wt./Vol.: 5.0000 ml (Vo)
Volume Purged: 5.0 ml (Vt)
Bottle Code:38A

Target Compounds	I.S. Ref.	RT	(+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit	LOQ
93) 1,1,2-Trichloroethane	(2)					ND	ND			0.80	5.00
94) Tetrachloroethene	(2)					ND	ND			0.80	5.00
98) Dibromochloromethane	(2)					ND	ND			1.00	5.00
102) Chlorobenzene	(2)					ND	ND			0.80	5.00
104) Ethylbenzene	(2)					ND	ND			0.80	5.00
105) m+p-Xylene	(2)					ND	ND			0.80	5.00
106) Xylene (Total)	(2)					ND	ND			0.80	5.00
107) o-Xylene	(2)					ND	ND			0.80	5.00
109) Bromoform	(2)					ND	ND			1.00	5.00
116) 1,1,2,2-Tetrachloroethane	(3)					ND	ND			1.00	5.00
131) 1,3-Dichlorobenzene	(3)					ND	ND			1.00	5.00
133) 1,4-Dichlorobenzene	(3)					ND	ND			1.00	5.00
139) 1,2-Dichlorobenzene	(3)					ND	ND			1.00	5.00

E = CONC. OUT OF CAL. RANGE # = RELATIVE RETENTION TIME OUT OF RANGE

Comments: _____

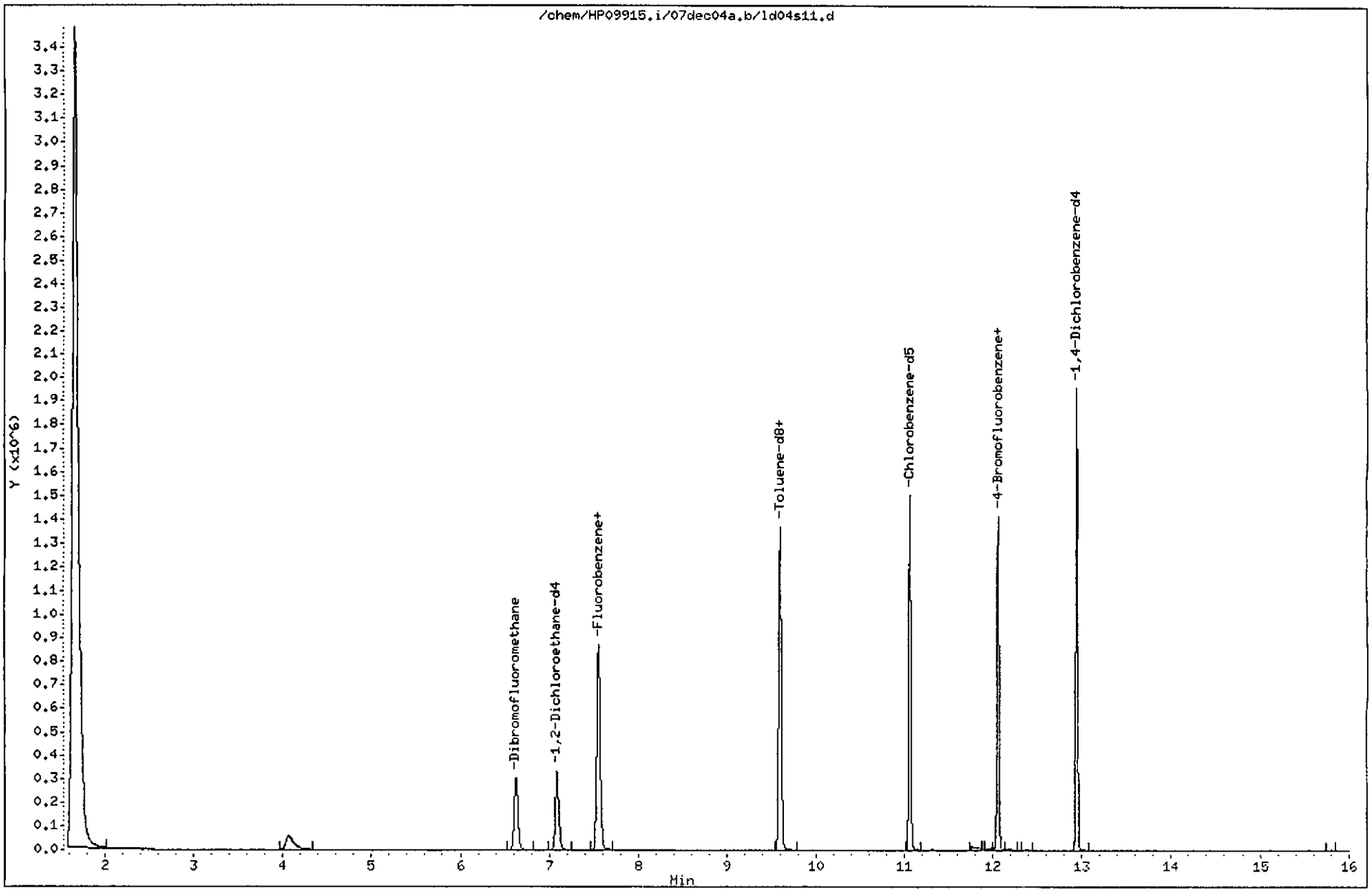
Analyst: LMcAmdale Date: 12/5/07

Auditor: _____ Date: 12-5-07

Data File: /chem/HP09915.i/07dec04a.b/ld04s11.d
Date : 05-DEC-2007 00:01
Client ID: BCOS3
Sample Info: BCOS3;5224006;1;0;;;;;;
Purge Volume: 5.0
Column phase: DB-624

Instrument: HP09915.i

Operator: SEW02002
Column diameter: 0.25



Quant Report

Target Revision 3.5

Data File: /chem/HP09915.i/07dec04a.b/ld04s11.d Instrument ID: HP09915.i
Injection date and time: 05-DEC-2007 00:01 Analyst ID: SEW02002

Method used: /chem/HP09915.i/07dec04a.b/L8260W.m Sublist used: CBN
Calibration date and time: 29-NOV-2007 21:45
Date, time and analyst ID of latest file update: 05-Dec-2007 05:19 amd00492

Sample Name: BCOS3 Lab Sample ID: 5224006

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
71) *Fluorobenzene	(1)	7.555	96	1164757	50.000
101) *Chlorobenzene-d5	(2)	11.060	117	846200	50.000
132) *1,4-Dichlorobenzene-d4	(3)	12.938	152	466735	50.000
51) $Dibromofluoromethane	(1)	6.629	113	283047	52.945
62) $1,2-Dichloroethane-d4	(1)	7.092	102	66350	52.426
89) $Toluene-d8	(2)	9.597	98	1123517	53.424
113) $4-Bromofluorobenzene	(2)	12.057	95	450015	51.137

* = Compound is an internal standard.
$ = Compound is a surrogate standard.

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCEB1

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 5224007

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: HP09915.i/07dec04a.b/ld04s12.d

Level: (low/med) LOW Date Received: 11/30/07

Moisture: not dec. _____ Date Analyzed: 12/05/07

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
74-87-3	Chloromethane	5	U
75-01-4	Vinyl Chloride	5	U
74-83-9	Bromomethane	5	U
75-00-3	Chloroethane	5	U
75-69-4	Trichlorofluoromethane	5	U
75-35-4	1,1-Dichloroethene	5	U
75-09-2	Methylene Chloride	5	U
156-60-5	trans-1,2-Dichloroethene	5	U
1634-04-4	Methyl Tertiary Butyl Ether	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
156-59-2	cis-1,2-Dichloroethene	5	U
67-66-3	Chloroform	5	U
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
71-43-2	Benzene	5	U
107-06-2	1,2-Dichloroethane	5	U
79-01-6	Trichloroethene	5	U
78-87-5	1,2-Dichloropropane	5	U
75-27-4	Bromodichloromethane	5	U
110-75-8	2-Chloroethyl Vinyl Ether	10	U
10061-01-5	cis-1,3-Dichloropropene	5	U
108-88-3	Toluene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
79-00-5	1,1,2-Trichloroethane	5	U
127-18-4	Tetrachloroethene	5	U
124-48-1	Dibromochloromethane	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
1330-20-7	m+p-Xylene	5	U

8145

FORM I VOA

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCEB1

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 5224007

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: HP09915.i/07dec04a.b/ld04s12.d

Level: (low/med) LOW Date Received: 11/30/07

Moisture: not dec. _____ Date Analyzed: 12/05/07

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
1330-20-7	Xylene (Total)	5	U
95-47-6	o-Xylene	5	U
75-25-2	Bromoform	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
541-73-1	1,3-Dichlorobenzene	5	U
106-46-7	1,4-Dichlorobenzene	5	U
95-50-1	1,2-Dichlorobenzene	5	U

8146

FORM I VOA

BCEB1

Lancaster Laboratories
Quantitation Report GC/MS Volatiles

5224007

File: /chem/HP09915.i/07dec04a.b/ld04s12.d
Sample: BCEB1;5224007;1;0;;;;;;
Injected At:05-DEC-2007 00:23
Calibration Time: 29-NOV-2007 21:45
Target Method: L8260W.m
Blank Reference: ld04b01.d
Sublist: CBN

Sample Concentration Formula: On-Column Amount * (Vt/Vo)
Batch:L073381AA
Analyst:SEW02002
Instrument ID:HP09915.i
Standard Reference: ld04c01.d
Prep Factor:1.00
Units: ug/L

Matrix: WATER
Level: Low
Sample Wt./Vol.: 5.0000 ml (Vo)
Volume Purged: 5.0 ml (Vt)
Bottle Code:38A

Internal Standards	RT(+/-RT)	Scan	QIon	Area(+/- %Area)	Conc(ext)	QC Flag
71) Fluorobenzene	7.555(0.007)	1858	96	1149150(-10)	50.00	
101) Chlorobenzene-d5	11.060(0.000)	2948	117	835249(-11)	50.00	
132) 1,4-Dichlorobenzene-d4	12.938(0.000)	3532	152	451277(-18)	50.00	

= RETENTION TIME OUT OF RANGE * = INTERNAL STANDARD OUT OF RANGE NC = NOT ABLE TO CALCULATE

Surrogate Standards	I.S. Ref.	RT (+/-RRT)	QIon	Area	Conc. (on column)	%Rec.	QC flags	QC Limits
51) Dibromofluoromethane	(1)	6.629(0.000)	113	279049	52.906	106%		80 - 116
62) 1,2-Dichloroethane-d4	(1)	7.089(0.000)	102	65825	52.718	105%		77 - 113
89) Toluene-d8	(2)	9.597(0.000)	98	1110958	53.520	107%		80 - 113
113) 4-Bromofluorobenzene	(2)	12.057(0.000)	95	417046	48.012	96%		78 - 113

= RELATIVE RETENTION TIME OUT OF RANGE * = PERCENT REC.OUT OF RANGE D = DILUTED OUT NC = NOT ABLE TO CALCULATE

Target Compounds	I.S. Ref.	RT (+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit	LOQ
2) Chloromethane	(1)				ND	ND			1.00	5.00
3) Vinyl Chloride	(1)				ND	ND			1.00	5.00
6) Bromomethane	(1)				ND	ND			1.00	5.00
7) Chloroethane	(1)				ND	ND			1.00	5.00
8) Trichlorofluoromethane	(1)				ND	ND			2.00	5.00
16) 1,1-Dichloroethene	(1)				ND	ND			0.80	5.00
26) Methylene Chloride	(1)				ND	ND			2.00	5.00
30) trans-1,2-Dichloroethene	(1)				ND	ND			0.80	5.00
31) Methyl Tertiary Butyl Ether	(1)				ND	ND			0.50	5.00
40) 1,2-Dichloroethene (total)	(1)				ND	ND			0.80	5.00
36) 1,1-Dichloroethane	(1)				ND	ND			1.00	5.00
42) cis-1,2-Dichloroethene	(1)				ND	ND			0.80	5.00
49) Chloroform	(1)				ND	ND			0.80	5.00
54) 1,1,1-Trichloroethane	(1)				ND	ND			0.80	5.00
59) Carbon Tetrachloride	(1)				ND	ND			1.00	5.00
64) Benzene	(1)				ND	ND			0.50	5.00
65) 1,2-Dichloroethane	(1)				ND	ND			1.00	5.00
74) Trichloroethene	(1)				ND	ND			1.00	5.00
77) 1,2-Dichloropropane	(1)				ND	ND			1.00	5.00
82) Bromodichloromethane	(1)				ND	ND			1.00	5.00
84) 2-Chloroethyl Vinyl Ether	(1)				ND	ND			2.00	10.00
85) cis-1,3-Dichloropropene	(1)				ND	ND			1.00	5.00
90) Toluene	(2)				ND	ND			0.70	5.00
91) trans-1,3-Dichloropropene	(2)				ND	ND			1.00	5.00

E = CONC. OUT OF CAL. RANGE # = RELATIVE RETENTION TIME OUT OF RANGE

BCEB1

Lancaster Laboratories
Quantitation Report GC/MS Volatiles

5224007

File: /chem/HP09915.i/07dec04a.b/ld04s12.d
Sample: BCEB1;5224007;1;0;;;;;;
Injected At:05-DEC-2007 00:23
Calibration Time: 29-NOV-2007 21:45
Target Method: L8260W.m
Blank Reference: ld04b01.d
Sublist: CBN

Sample Concentration Formula: On-Column Amount * (Vt/Vo)
Batch:L073381AA
Analyst:SEW02002
Instrument ID:HP09915.i
Standard Reference: ld04c01.d
Prep Factor:1.00
Units: ug/L

Matrix: WATER
Level: Low
Sample Wt./Vol.: 5.0000 ml (Vo)
Volume Purged: 5.0 ml (Vt)
Bottle Code:38A

Target Compounds	I.S. Ref.	RT	(+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit	LOQ
93) 1,1,2-Trichloroethane	(2)					ND	ND			0.80	5.00
94) Tetrachloroethene	(2)					ND	ND			0.80	5.00
98) Dibromochloromethane	(2)					ND	ND			1.00	5.00
102) Chlorobenzene	(2)					ND	ND			0.80	5.00
104) Ethylbenzene	(2)					ND	ND			0.80	5.00
105) m+p-Xylene	(2)					ND	ND			0.80	5.00
106) Xylene (Total)	(2)					ND	ND			0.80	5.00
107) o-Xylene	(2)					ND	ND			0.80	5.00
109) Bromoform	(2)					ND	ND			1.00	5.00
116) 1,1,2,2-Tetrachloroethane	(3)					ND	ND			1.00	5.00
131) 1,3-Dichlorobenzene	(3)					ND	ND			1.00	5.00
133) 1,4-Dichlorobenzene	(3)					ND	ND			1.00	5.00
139) 1,2-Dichlorobenzene	(3)					ND	ND			1.00	5.00

E = CONC. OUT OF CAL. RANGE # = RELATIVE RETENTION TIME OUT OF RANGE

Comments: _____

Analyst: Wzamelale Date: 12/5/07

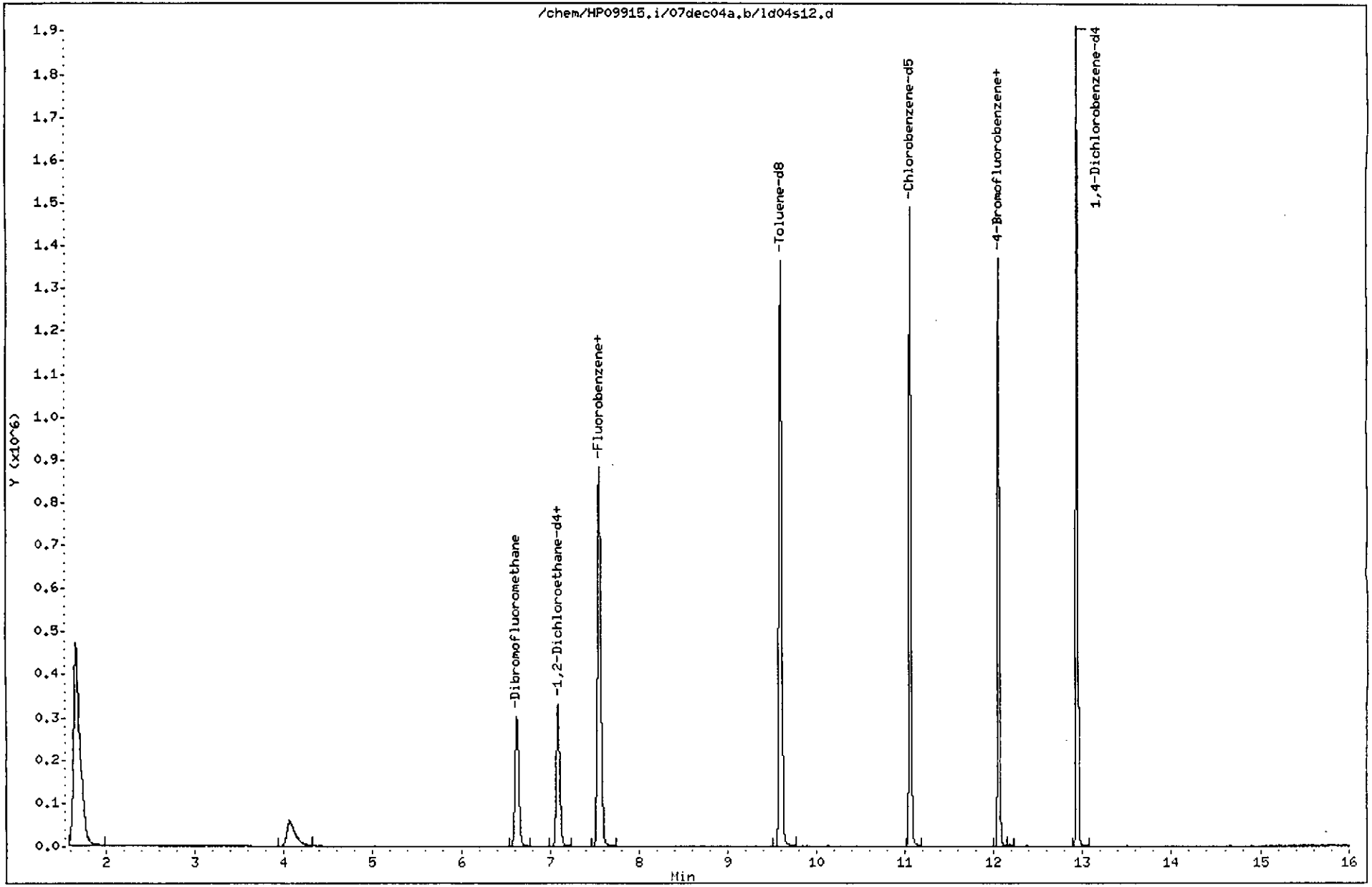
Auditor: _____ Date: 12-5-07

Data File: /chem/HP09915.i/07dec04a.b/ld04s12.d
Date : 05-DEC-2007 00:23
Client ID: BCEB1
Sample Info: BCEB1;5224007;1;0;;;;;;
Purge Volume: 5.0
Column phase: DB-624

Instrument: HP09915.i

Operator: SEW02002
Column diameter: 0.25

0149



Quant Report

Target Revision 3.5

Data File: /chem/HP09915.i/07dec04a.b/ld04s12.d Instrument ID: HP09915.i
Injection date and time: 05-DEC-2007 00:23 Analyst ID: SEW02002

Method used: /chem/HP09915.i/07dec04a.b/L8260W.m Sublist used: CBN
Calibration date and time: 29-NOV-2007 21:45
Date, time and analyst ID of latest file update: 05-Dec-2007 05:20 amd00492

Sample Name: BCEB1 Lab Sample ID: 5224007

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
71)*Fluorobenzene	(1)	7.555	96	1149150	50.000
101)*Chlorobenzene-d5	(2)	11.060	117	835249	50.000
132)*1,4-Dichlorobenzene-d4	(3)	12.938	152	451277	50.000
51)$Dibromofluoromethane	(1)	6.629	113	279049	52.906
62)$1,2-Dichloroethane-d4	(1)	7.089	102	65825	52.718
89)$Toluene-d8	(2)	9.597	98	1110958	53.520
113)$4-Bromofluorobenzene	(2)	12.057	95	417046	48.012

* = Compound is an internal standard.
$ = Compound is a surrogate standard.

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCTB1

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 5224008

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: HP09915.i/07dec04a.b/ld04s13.d

Level: (low/med) LOW Date Received: 11/30/07

Moisture: not dec. _____ Date Analyzed: 12/05/07

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
74-87-3	Chloromethane	5	U
75-01-4	Vinyl Chloride	5	U
74-83-9	Bromomethane	5	U
75-00-3	Chloroethane	5	U
75-69-4	Trichlorofluoromethane	5	U
75-35-4	1,1-Dichloroethene	5	U
75-09-2	Methylene Chloride	5	U
156-60-5	trans-1,2-Dichloroethene	5	U
1634-04-4	Methyl Tertiary Butyl Ether	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
156-59-2	cis-1,2-Dichloroethene	5	U
67-66-3	Chloroform	5	U
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
71-43-2	Benzene	5	U
107-06-2	1,2-Dichloroethane	5	U
79-01-6	Trichloroethene	5	U
78-87-5	1,2-Dichloropropane	5	U
75-27-4	Bromodichloromethane	5	U
110-75-8	2-Chloroethyl Vinyl Ether	10	U
10061-01-5	cis-1,3-Dichloropropene	5	U
108-88-3	Toluene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
79-00-5	1,1,2-Trichloroethane	5	U
127-18-4	Tetrachloroethene	5	U
124-48-1	Dibromochloromethane	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
1330-20-7	m+p-Xylene	5	U

8151

FORM I VOA

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCTB1

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 5224008

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: HP09915.i/07dec04a.b/ld04s13.d

Level: (low/med) LOW Date Received: 11/30/07

Moisture: not dec. _____ Date Analyzed: 12/05/07

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
1330-20-7	Xylene (Total)	5	U
95-47-6	o-Xylene	5	U
75-25-2	Bromoform	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
541-73-1	1,3-Dichlorobenzene	5	U
106-46-7	1,4-Dichlorobenzene	5	U
95-50-1	1,2-Dichlorobenzene	5	U

0152

BCTB1

Lancaster Laboratories
Quantitation Report GC/MS Volatiles

5224008

File: /chem/HP09915.i/07dec04a.b/ld04s13.d
Sample: BCTB1;5224008;1;0;;;;;;
Injected At:05-DEC-2007 00:46
Calibration Time: 29-NOV-2007 21:45
Target Method: L8260W.m
Blank Reference: ld04b01.d
Sublist: CBN

Sample Concentration Formula: On-Column Amount * (Vt/Vo)
Batch:L073381AA
Analyst:SEW02002
Instrument ID:HP09915.i
Standard Reference: ld04c01.d
Prep Factor:1.00
Units: ug/L

Matrix: WATER
Level: Low
Sample Wt./Vol.: 5.0000 ml (Vo)
Volume Purged: 5.0 ml (Vt)
Bottle Code:38A

Internal Standards	RT(+/-RT)	Scan	QIon	Area(+/- %Area)	Conc(ext)	QC Flag
71) Fluorobenzene	7.559(0.003)	1859	96	1142507(-11)	50.00	
101) Chlorobenzene-d5	11.060(0.000)	2948	117	828400(-12)	50.00	
132) 1,4-Dichlorobenzene-d4	12.938(0.000)	3532	152	448748(-18)	50.00	

= RETENTION TIME OUT OF RANGE * = INTERNAL STANDARD OUT OF RANGE NC = NOT ABLE TO CALCULATE

Surrogate Standards	I.S. Ref.	RT (+/-RRT)	QIon	Area	Conc. (on column)	%Rec.	QC flags	QC Limits
51) Dibromofluoromethane	(1)	6.633(0.000)	113	280092	53.412	107%		80 - 116
62) 1,2-Dichloroethane-d4	(1)	7.092(0.000)	102	65204	52.524	105%		77 - 113
89) Toluene-d8	(2)	9.597(0.000)	98	1097112	53.290	107%		80 - 113
113) 4-Bromofluorobenzene	(2)	12.057(0.000)	95	412418	47.872	96%		78 - 113

= RELATIVE RETENTION TIME OUT OF RANGE * = PERCENT REC.OUT OF RANGE D = DILUTED OUT NC = NOT ABLE TO CALCULATE

Target Compounds	I.S. Ref.	RT (+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit	LOQ
2) Chloromethane	(1)				ND	ND			1.00	5.00
3) Vinyl Chloride	(1)				ND	ND			1.00	5.00
6) Bromomethane	(1)				ND	ND			1.00	5.00
7) Chloroethane	(1)				ND	ND			1.00	5.00
8) Trichlorofluoromethane	(1)				ND	ND			2.00	5.00
16) 1,1-Dichloroethene	(1)				ND	ND			0.80	5.00
26) Methylene Chloride	(1)				ND	ND			2.00	5.00
30) trans-1,2-Dichloroethene	(1)				ND	ND			0.80	5.00
31) Methyl Tertiary Butyl Ether	(1)				ND	ND			0.50	5.00
40) 1,2-Dichloroethene (total)	(1)				ND	ND			0.80	5.00
36) 1,1-Dichloroethane	(1)				ND	ND			1.00	5.00
42) cis-1,2-Dichloroethene	(1)				ND	ND			0.80	5.00
49) Chloroform	(1)				ND	ND			0.80	5.00
54) 1,1,1-Trichloroethane	(1)				ND	ND			0.80	5.00
59) Carbon Tetrachloride	(1)				ND	ND			1.00	5.00
64) Benzene	(1)				ND	ND			0.50	5.00
65) 1,2-Dichloroethane	(1)				ND	ND			1.00	5.00
74) Trichloroethene	(1)				ND	ND			1.00	5.00
77) 1,2-Dichloropropane	(1)				ND	ND			1.00	5.00
82) Bromodichloromethane	(1)				ND	ND			1.00	5.00
84) 2-Chloroethyl Vinyl Ether	(1)				ND	ND			2.00	10.00
85) cis-1,3-Dichloropropene	(1)				ND	ND			1.00	5.00
90) Toluene	(2)				ND	ND			0.70	5.00
91) trans-1,3-Dichloropropene	(2)				ND	ND			1.00	5.00

E = CONC. OUT OF CAL. RANGE # = RELATIVE RETENTION TIME OUT OF RANGE

BCTB1

Lancaster Laboratories
Quantitation Report GC/MS Volatiles

5224008

File: /chem/HP09915.i/07dec04a.b/ld04sl3.d
Sample: BCTB1;5224008;1;0;;;;;;
Injected At:05-DEC-2007 00:46
Calibration Time: 29-NOV-2007 21:45
Target Method: L8260W.m
Blank Reference: ld04b01.d
Sublist: CBN

Sample Concentration Formula: On-Column Amount * (Vt/Vo)
Batch:L073381AA
Analyst:SEW02002
Instrument ID:HP09915.i
Standard Reference: ld04c01.d
Prep Factor:1.00
Units: ug/L

Matrix: WATER
Level: Low
Sample Wt./Vol.: 5.0000 ml (Vo)
Volume Purged: 5.0 ml (Vt)
Bottle Code:38A

Target Compounds	I.S. Ref.	RT	(+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit	LOQ
93) 1,1,2-Trichloroethane	(2)					ND	ND			0.80	5.00
94) Tetrachloroethene	(2)					ND	ND			0.80	5.00
98) Dibromochloromethane	(2)					ND	ND			1.00	5.00
102) Chlorobenzene	(2)					ND	ND			0.80	5.00
104) Ethylbenzene	(2)					ND	ND			0.80	5.00
105) m+p-Xylene	(2)					ND	ND			0.80	5.00
106) Xylene (Total)	(2)					ND	ND			0.80	5.00
107) o-Xylene	(2)					ND	ND			0.80	5.00
109) Bromoform	(2)					ND	ND			1.00	5.00
116) 1,1,2,2-Tetrachloroethane	(3)					ND	ND			1.00	5.00
131) 1,3-Dichlorobenzene	(3)					ND	ND			1.00	5.00
133) 1,4-Dichlorobenzene	(3)					ND	ND			1.00	5.00
139) 1,2-Dichlorobenzene	(3)					ND	ND			1.00	5.00

E = CONC. OUT OF CAL. RANGE # = RELATIVE RETENTION TIME OUT OF RANGE

Comments:

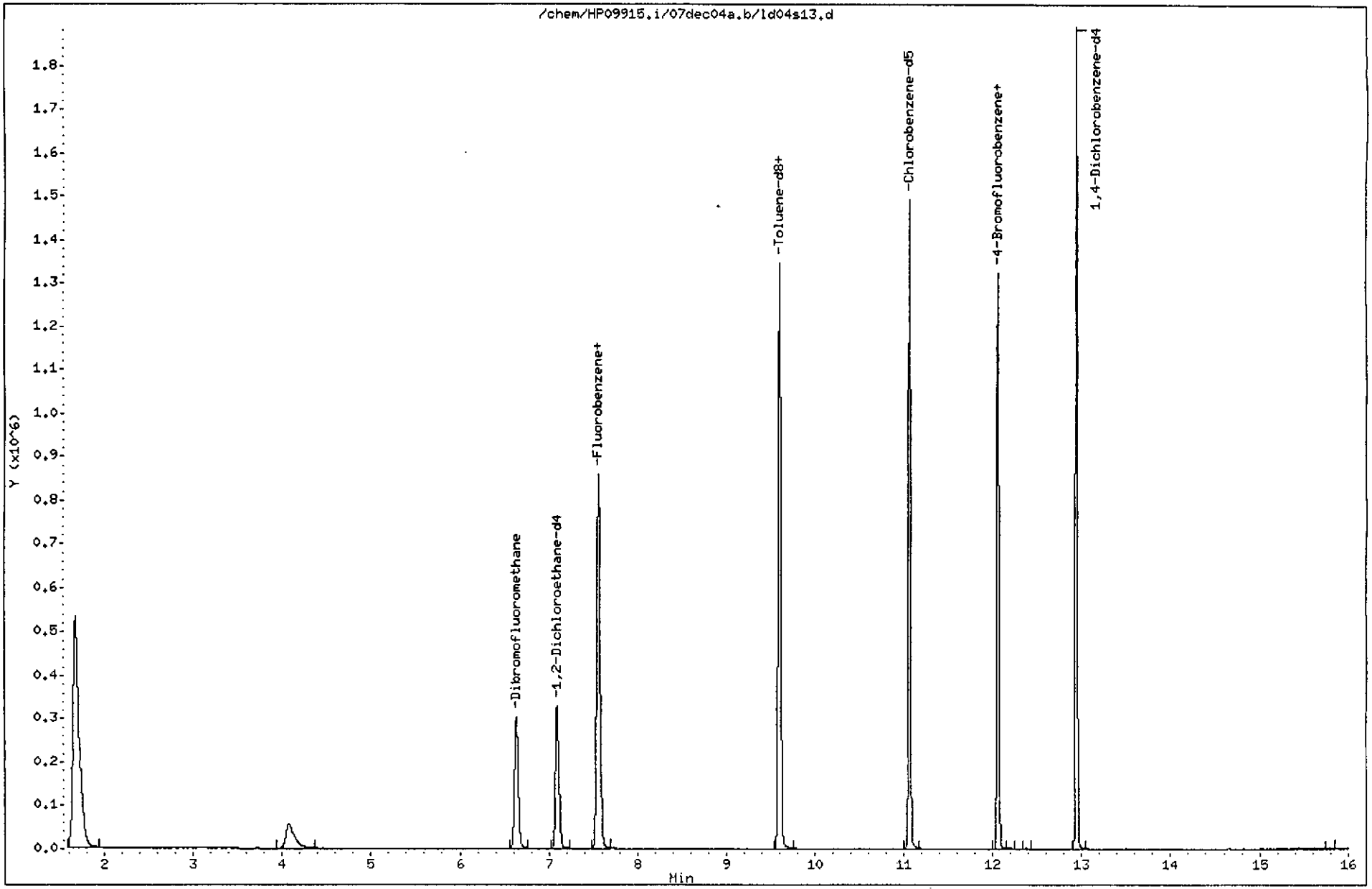
Analyst: [signature] Date: 12/5/07

Auditor: [signature] Date: 12-5-07

Data File: /chem/HP09915.i/07dec04a.b/ld04s13.d
Date : 05-DEC-2007 00:46
Client ID: BCTB1
Sample Info: BCTB1;5224008;1;0;;;;;;
Purge Volume: 5.0
Column phase: DB-624

Instrument: HP09915.i

Operator: SEW02002
Column diameter: 0.25



Quant Report

Target Revision 3.5

Data File: /chem/HP09915.i/07dec04a.b/ld04s13.d Instrument ID: HP09915.i
Injection date and time: 05-DEC-2007 00:46 Analyst ID: SEW02002

Method used: /chem/HP09915.i/07dec04a.b/L8260W.m Sublist used: CBN
Calibration date and time: 29-NOV-2007 21:45
Date, time and analyst ID of latest file update: 05-Dec-2007 05:20 amd00492

Sample Name: BCTB1 Lab Sample ID: 5224008

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
71) *Fluorobenzene	(1)	7.559	96	1142507	50.000
101) *Chlorobenzene-d5	(2)	11.060	117	828400	50.000
132) *1,4-Dichlorobenzene-d4	(3)	12.938	152	448748	50.000
51) $Dibromofluoromethane	(1)	6.633	113	280092	53.412
62) $1,2-Dichloroethane-d4	(1)	7.092	102	65204	52.524
89) $Toluene-d8	(2)	9.597	98	1097112	53.290
113) $4-Bromofluorobenzene	(2)	12.057	95	412418	47.872

* = Compound is an internal standard.
$ = Compound is a surrogate standard.

Standards Data

6A

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Instrument ID: HP09915 Calibration Date(s): 11/29/07 11/30/07

Heated Purge: (Y/N) Y Calibration Times: 21:45 00:00

Matrix: (soil/water) WATER Level: (low/med) LOW GC Column: DB-624 ID: .25

LAB FILE ID: RRF 4 = ln29i12.d RRF 10= ln29i11.d RRF 20= ln29i10.d
RRF 50= ln29i15.d RRF100= ln29i14.d RRF300= ln29i13.d RRF =

COMPOUND	RRF 4	RRF 10	RRF 20	RRF 50	RRF100	RRF300	RRF	$\overline{RRF}$	% RSD	CAL. METHOD	
Dichlorodifluoromethane	0.2662	0.2935	0.2811	0.3057	0.3252	0.2998		0.2953	7	AVG	
Chloromethane	#0.2365	0.2516	0.2387	0.2377	0.2552	0.2391		0.2431	3	AVG	#
Vinyl Chloride	*0.2608	0.2733	0.2576	0.2678	0.2810	0.2610		0.2669	3	AVG	*
Bromomethane	0.1856	0.2065	0.1903	0.1834	0.1842	0.1402		0.1817	12	AVG	
Chloroethane	0.1365	0.1471	0.1374	0.1360	0.1387	0.1098		0.1343	9	AVG	
Trichlorofluoromethane	0.3340	0.3532	0.3384	0.3626	0.3868	0.3506		0.3543	5	AVG	
Ethyl Ether	0.1827	0.1955	0.1766	0.1767	0.1885	0.1648		0.1808	6	AVG	
Acrolein	1.7327	2.1728	1.7223	1.6608	1.8359	1.4987		1.7705	13	AVG	
1,1-Dichloroethene	*0.2350	0.2377	0.2169	0.2108	0.2203	0.2135		0.2224	5	AVG	*
Freon 113	0.2836	0.2908	0.2580	0.2530	0.2690	0.2537		0.2680	6	AVG	
Acetone	0.0824	0.0950	0.0677	0.0791	0.0934	0.0787		0.0827	12	AVG	
Methyl Iodide	0.4501	0.4479	0.4309	0.3995	0.4235	0.4115		0.4272	5	AVG	
2-Propanol	0.7066	0.7252	0.7587	0.6360	0.6952	0.6034		0.6875	8	AVG	
Carbon Disulfide	0.9085	0.9164	0.8695	0.8115	0.8560	0.8242		0.8643	5	AVG	
Allyl Chloride	0.2975	0.3212	0.2968	0.3015	0.3255	0.3075		0.3083	4	AVG	
Methyl Acetate	0.2256	0.2268	0.2026	0.2003	0.2204	0.2034		0.2132	6	AVG	
Methylene Chloride	0.2888	0.2800	0.2586	0.2379	0.2529	0.2402		0.2597	8	AVG	
t-Butyl Alcohol	1.0597	1.1578	1.2011	1.0547	1.1088	0.9634		1.0909	8	AVG	
Acrylonitrile	0.1167	0.1275	0.1144	0.1123	0.1328	0.1167		0.1201	7	AVG	
trans-1,2-Dichloroethene	0.2572	0.2653	0.2471	0.2346	0.2478	0.2366		0.2481	5	AVG	
Methyl Tertiary Butyl Ether	0.7245	0.7356	0.7132	0.6710	0.7428	0.6921		0.7132	4	AVG	
n-Hexane	0.4150	0.4050	0.3899	0.3761	0.4102	0.3831		0.3965	4	AVG	
1,2-Dichloroethene (total)	0.2584	0.2662	0.2495	0.2367	0.2515	0.2409		0.2505	4	AVG	
1,1-Dichloroethane	#0.4558	0.4431	0.4199	0.3899	0.4229	0.3969		0.4214	6	AVG	#
di-Isopropyl Ether	0.7001	0.7362	0.7054	0.6722	0.7208	0.6730		0.7013	4	AVG	
2-Chloro-1,3-Butadiene	0.3002	0.3222	0.3120	0.3027	0.3254	0.3075		0.3116	3	AVG	
Ethyl t-Butyl Ether	0.6158	0.6536	0.6406	0.6249	0.6768	0.6535		0.6442	3	AVG	
cis-1,2-Dichloroethene	0.2595	0.2671	0.2519	0.2389	0.2552	0.2453		0.2530	4	AVG	
2-Butanone	0.1590	0.1719	0.1333	0.1314	0.1607	0.1327		0.1482	12	AVG	
2,2-Dichloropropane	0.3084	0.3139	0.3000	0.2995	0.3223	0.3111		0.3092	3	AVG	
Propionitrile	1.4023	1.5833	1.5932	1.4295	1.5017	1.4599		1.4950	5	AVG	
Methacrylonitrile	0.1312	0.1431	0.1394	0.1273	0.1389	0.1300		0.1350	5	AVG	
Bromochloromethane	0.1196	0.1316	0.1167	0.1197	0.1316	0.1280		0.1245	5	AVG	
Tetrahydrofuran	1.1398	1.3688	1.1811	1.1796	1.4097	1.2745		1.2589	9	AVG	
Chloroform	*0.4264	0.4335	0.4028	0.3748	0.4017	0.3866		0.4043	6	AVG	*
1,1,1-Trichloroethane	0.3452	0.3549	0.3373	0.3286	0.3532	0.3458		0.3442	3	AVG	
Cyclohexane	0.4439	0.4576	0.4360	0.4283	0.4659	0.4425		0.4457	3	AVG	
Cyclohexane (mz 84)	0.3876	0.3910	0.3652	0.3647	0.3962	0.3814		0.3810	4	AVG	
Cyclohexane (mz 69)	0.1420	0.1439	0.1342	0.1350	0.1456	0.1415		0.1404	3	AVG	
1,1-Dichloropropene	0.3344	0.3458	0.3318	0.3154	0.3384	0.3241		0.3317	3	AVG	
Carbon Tetrachloride	0.3019	0.3098	0.2982	0.2913	0.3139	0.3130		0.3047	3	AVG	
Isobutyl Alcohol	0.3813	0.4176	0.4375	0.3784	0.4016	0.3456		0.3937	8	AVG	
Benzene	1.0346	1.0555	0.9830	0.9309	0.9880	0.9320		0.9873	5	AVG	
1,2-Dichloroethane	0.3465	0.3505	0.3313	0.3077	0.3303	0.3117		0.3297	5	AVG	
1,2-Dichloroethane (mz 98)	0.0293	0.0306	0.0283	0.0265	0.0293	0.0286		0.0288	5	AVG	
t-Amyl Methyl Ether	0.5925	0.6290	0.6146	0.6036	0.6582	0.6214		0.6199	4	AVG	
n-Heptane	0.4047	0.4010	0.3673	0.3600	0.3971	0.3622		0.3820	5	AVG	
n-Butanol	0.3142	0.3537	0.3736	0.3479	0.3853	0.3231		0.3496	8	AVG	
Trichloroethene	0.2662	0.2676	0.2521	0.2403	0.2536	0.2479		0.2546	4	AVG	
1,2-Dichloropropane	*0.2636	0.2737	0.2612	0.2469	0.2645	0.2475		0.2596	4	AVG	*
Methylcyclohexane (mz98)	0.1553	0.1880	0.1730	0.1829	0.2045	0.1960		0.1833	10	AVG	
Methylcyclohexane	0.3679	0.4348	0.4051	0.4297	0.4740	0.4457		0.4262	9	AVG	

0158

Minimum RRF for SPCC(#) = 0.10
(0.30 for Chlorobenzene, 1,1,2,2-Tetrachloroethane)
Maximum %RSD for CCC(*) = 30%

6A

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Instrument ID: HP09915 Calibration Date(s): 11/29/07 11/30/07

Heated Purge: (Y/N) Y Calibration Times: 21:45 00:00

Matrix: (soil/water) WATER Level: (low/med) LOW GC Column: DB-624 ID: .25

LAB FILE ID: RRF 4 = ln29i12.d RRF 10= ln29i11.d RRF 20= ln29i10.d
RRF 50= ln29i15.d RRF100= ln29i14.d RRF300= ln29i13.d RRF =

COMPOUND	RRF 4	RRF 10	RRF 20	RRF 50	RRF100	RRF300	RRF	$\overline{RRF}$	% RSD	CAL. METHOD	
Methyl Methacrylate	0.2175	0.2269	0.2355	0.2264	0.2520	0.2412		0.2332	5	AVG	
Dibromomethane	0.1722	0.1731	0.1677	0.1567	0.1712	0.1664		0.1679	4	AVG	
1,4-Dioxane	0.0970	0.1166	0.1056	0.1138	0.1206	0.0990		0.1088	9	AVG	
Bromodichloromethane	0.2846	0.2998	0.2968	0.2865	0.3132	0.3114		0.2987	4	AVG	
2-Nitropropane	0.0613	0.0934	0.0619	0.0660	0.0845	0.0727		0.0733	18	1STDEG	
2-Chloroethyl Vinyl Ether	0.1542	0.1724	0.1720	0.1829	0.2028	0.1942		0.1797	10	AVG	
cis-1,3-Dichloropropene	0.3438	0.3871	0.3817	0.3757	0.4111	0.4013		0.3834	6	AVG	
4-Methyl-2-Pentanone	0.2641	0.4754	0.2804	0.2871	0.3598	0.2895		0.3261	25	2NDDEG	
Toluene	*0.8430	0.8786	0.8311	0.7939	0.8420	0.7835		0.8287	4	AVG	*
trans-1,3-Dichloropropene	0.4491	0.4835	0.4936	0.4917	0.5345	0.5108		0.4939	6	AVG	
Ethyl Methacrylate	0.4027	0.4548	0.4847	0.4860	0.5330	0.4960		0.4762	9	AVG	
1,1,2-Trichloroethane	0.3367	0.3326	0.3271	0.3041	0.3261	0.3055		0.3220	4	AVG	
Tetrachloroethene	0.3851	0.3722	0.3579	0.3477	0.3738	0.3678		0.3674	4	AVG	
1,3-Dichloropropane	0.5683	0.5774	0.5622	0.5265	0.5630	0.5076		0.5508	5	AVG	
2-Hexanone	0.2772	0.5336	0.2860	0.2920	0.3801	0.2922		0.3435	29	2NDDEG	
Dibromochloromethane	0.3132	0.3322	0.3478	0.3416	0.3731	0.3665		0.3457	6	AVG	
1,2-Dibromoethane	0.3477	0.3578	0.3525	0.3368	0.3609	0.3478		0.3506	2	AVG	
Chlorobenzene	#1.0076	1.0119	0.9626	0.9075	0.9617	0.9077		0.9598	5	AVG	#
1,1,1,2-Tetrachloroethane	0.3166	0.3246	0.3202	0.3112	0.3365	0.3249		0.3223	3	AVG	
Ethylbenzene	*1.6738	1.6746	1.6122	1.5544	1.6566	1.5027		1.6124	4	AVG	*
m+p-Xylene	0.6308	0.6539	0.6322	0.6119	0.6573	0.6151		0.6335	3	AVG	
Xylene (Total)	0.6117	0.6376	0.6203	0.6013	0.6402	0.5710		0.6137	4	AVG	
o-Xylene	0.5926	0.6212	0.6084	0.5907	0.6231	0.5269		0.5938	6	AVG	
Styrene	0.9139	1.0000	0.9958	0.9674	1.0389	0.8781		0.9657	6	AVG	
Bromoform	#0.2259	0.2351	0.2512	0.2536	0.2828	0.2820		0.2551	9	AVG	#
Isopropylbenzene	1.5704	1.5719	1.5317	1.5165	1.6224	1.4734		1.5477	3	AVG	
Cyclohexanone	0.3491	0.4025	0.3659	0.4340	0.4497	0.4176		0.4031	10	AVG	
1,1,2,2-Tetrachloroethane	#1.0404	1.0040	0.9932	0.8938	0.9595	0.8360		0.9545	8	AVG	#
trans-1,4-Dichloro-2-Butene	0.2717	0.2970	0.2986	0.2537	0.2652	0.2081		0.2657	13	AVG	
Bromobenzene	0.7602	0.7471	0.7299	0.6895	0.7394	0.6997		0.7276	4	AVG	
1,2,3-Trichloropropane	0.2894	0.2714	0.2762	0.2493	0.2640	0.2197		0.2616	9	AVG	
n-Propylbenzene	0.8925	0.8559	0.8069	0.7849	0.8406	0.7863		0.8278	5	AVG	
2-Chlorotoluene	0.7605	0.7258	0.6895	0.6596	0.7107	0.6684		0.7024	5	AVG	
1,3,5-Trimethylbenzene	1.2642	1.2382	1.1769	1.1458	1.2375	1.1149		1.1962	5	AVG	
4-Chlorotoluene	0.7930	0.7641	0.7221	0.6912	0.7381	0.6856		0.7323	6	AVG	
tert-Butylbenzene	0.5548	0.5273	0.5110	0.5117	0.5545	0.5065		0.5276	4	AVG	
Pentachloroethane	0.4185	0.4643	0.4215	0.4289	0.4904	0.4579		0.4469	6	AVG	
1,2,4-Trimethylbenzene	2.7504	2.6742	2.5387	2.4623	2.6279	2.2229		2.5461	7	AVG	
sec-Butylbenzene	0.6598	0.6367	0.6148	0.6115	0.6675	0.6230		0.6355	4	AVG	
p-Isopropyltoluene	0.7611	0.7342	0.7117	0.7073	0.7730	0.6585		0.7243	6	AVG	
1,3-Dichlorobenzene	1.5676	1.4875	1.4030	1.3393	1.4377	1.2515		1.4144	8	AVG	
1,4-Dichlorobenzene	1.6844	1.5601	1.4617	1.4037	1.4974	1.4029		1.5017	7	AVG	
1,2,3-Trimethylbenzene	1.0447	1.1515	1.0417	1.0519	1.1566	1.0367		1.0805	5	AVG	
Benzyl Chloride	1.5617	1.6639	1.7468	1.7376	1.9327	1.7982		1.7401	7	AVG	
1,3-Diethylbenzene	1.4204	1.6658	1.5186	1.5669	1.7202	1.5161		1.5680	7	AVG	
1,4-Diethylbenzene	1.5552	1.7868	1.6107	1.6700	1.8366	1.5577		1.6695	7	AVG	
n-Butylbenzene	1.5573	1.4645	1.3727	1.3381	1.4335	1.1928		1.3932	9	AVG	
1,2-Dichlorobenzene	1.5420	1.4533	1.3548	1.2902	1.3854	1.2997		1.3876	7	AVG	
1,2-Diethylbenzene	1.2687	1.4244	1.2697	1.3153	1.4375	1.2641		1.3299	6	AVG	
1,2-Dibromo-3-Chloropropane	0.2138	0.2027	0.2036	0.1947	0.2131	0.1946		0.2037	4	AVG	
1,2,4-Trichlorobenzene	1.1299	1.0273	0.9682	1.0010	1.0807	0.9786		1.0309	6	AVG	
Hexachlorobutadiene	0.5490	0.4884	0.4544	0.4661	0.5122	0.4661		0.4894	7	AVG	

0159

Minimum RRF for SPCC(#) = 0.10
(0.30 for Chlorobenzene, 1,1,2,2-Tetrachloroethane)
Maximum %RSD for CCC(*) = 30%

6A

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Instrument ID: HP09915 Calibration Date(s): 11/29/07 11/30/07

Heated Purge: (Y/N) Y Calibration Times: 21:45 00:00

Matrix: (soil/water) WATER Level: (low/med) LOW GC Column: DB-624 ID: .25

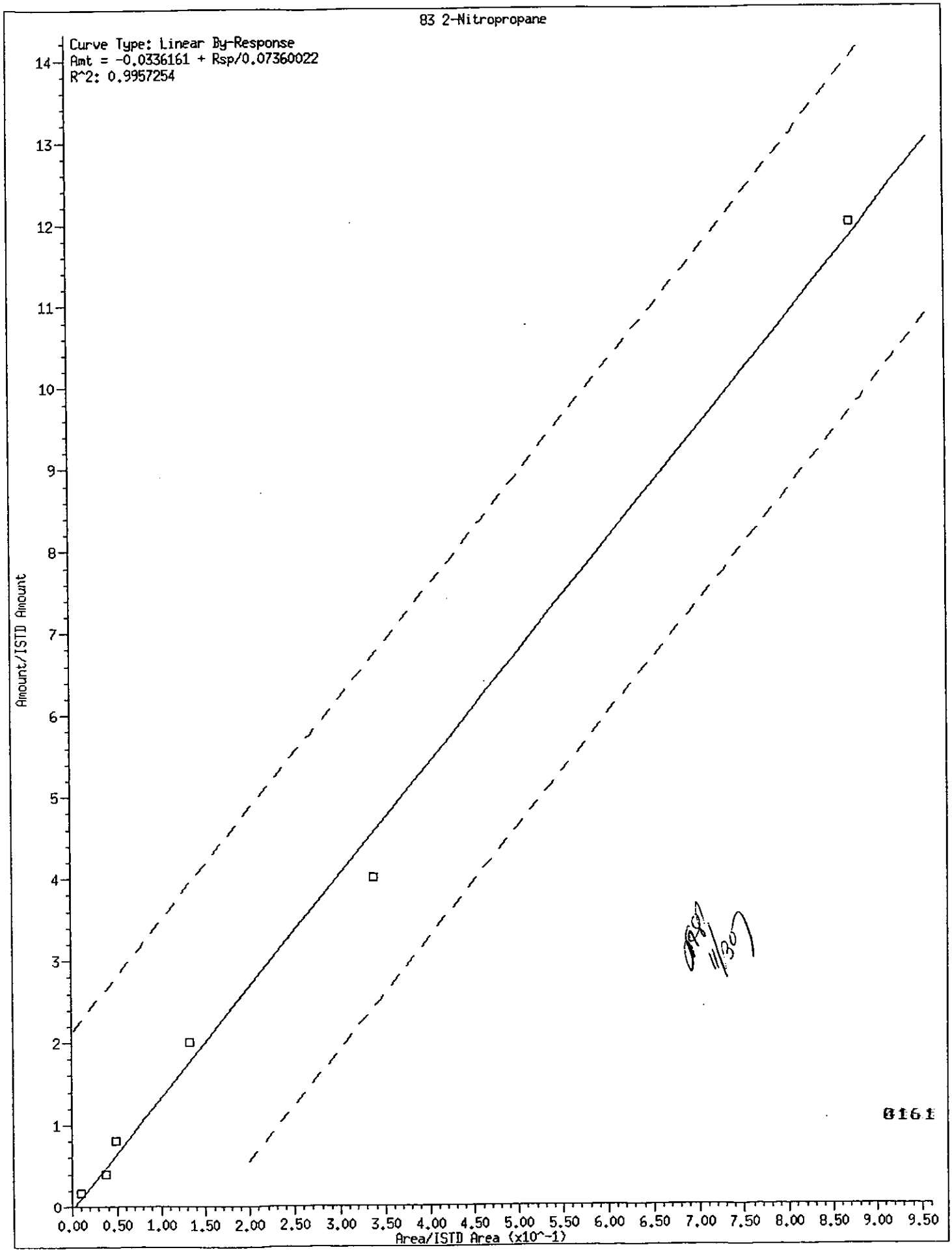
LAB FILE ID: RRF 4 = ln29i12.d RRF 10= ln29i11.d RRF 20= ln29i10.d
RRF 50= ln29i15.d RRF100= ln29i14.d RRF300= ln29i13.d RRF =

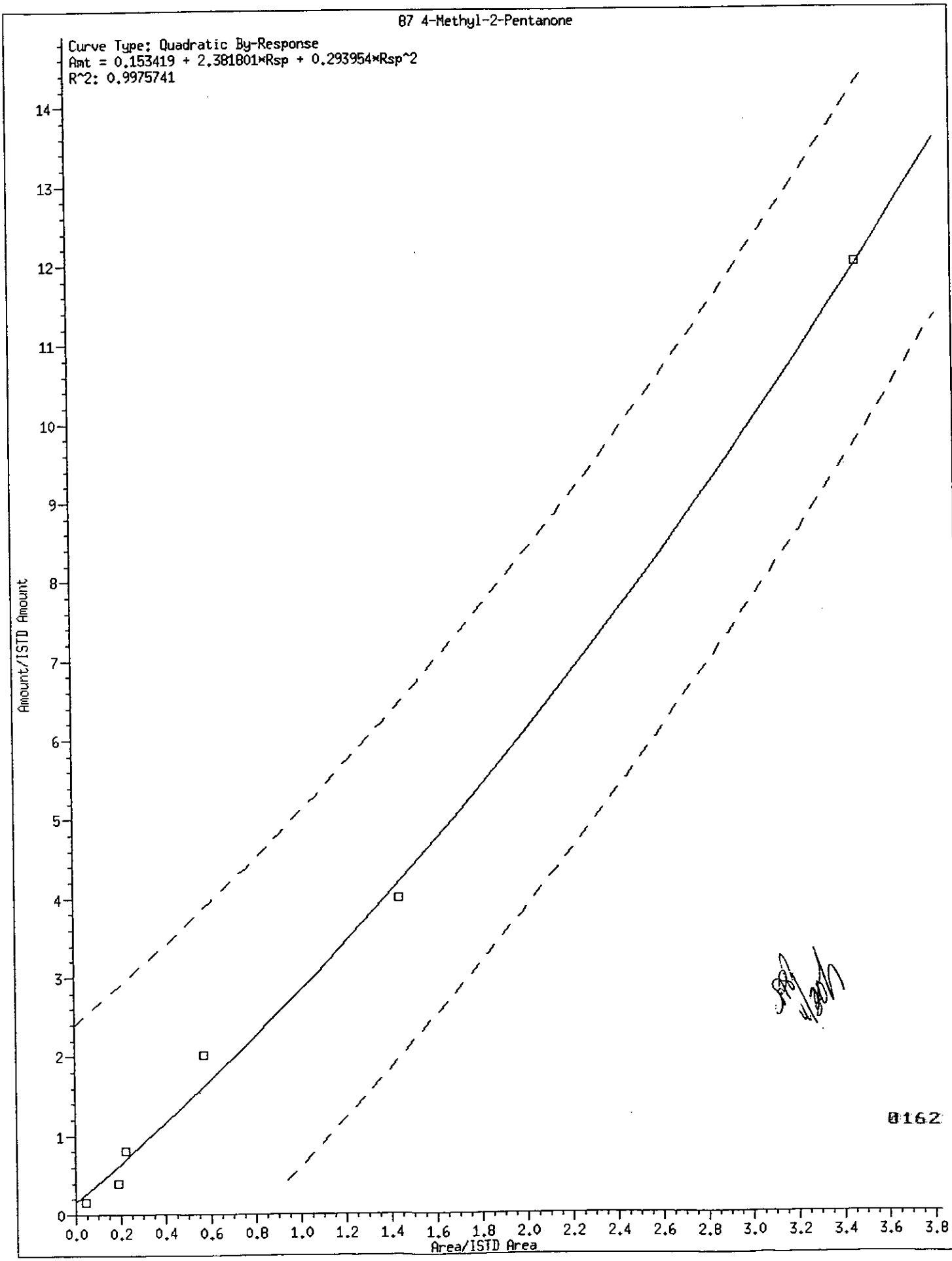
COMPOUND	RRF 4	RRF 10	RRF 20	RRF 50	RRF100	RRF300	RRF	$\overline{RRF}$	% RSD	CAL. METHOD
Naphthalene	3.3031	3.1106	3.0333	3.0713	3.2945	2.7465		3.0932	7	AVG
1,2,3-Trichlorobenzene	1.1731	1.0340	0.9608	0.9836	1.0635	0.9265		1.0236	9	AVG
2-Methylnaphthalene	1.2025	1.5431	1.3767	1.8029	2.0301	1.4728		1.5713	19	2NDDEG
Dibromofluoromethane	0.2126	0.2280	0.1974	0.2603	0.2527	0.2259		0.2295	10	AVG
Dibromofluoromethane(mz111)	0.2228	0.2328	0.2033	0.2687	0.2597	0.2315		0.2365	10	AVG
1,2-Dichloroethane-d4	0.0531	0.0555	0.0473	0.0599	0.0583	0.0520		0.0543	8	AVG
1,2-Dichloroethane-d4(mz65)	0.2678	0.2733	0.2375	0.3043	0.2919	0.2524		0.2712	9	AVG
1,2-Dichloroethane-d4(mz104)	0.0325	0.0350	0.0295	0.0388	0.0374	0.0335		0.0344	10	AVG
Toluene-d8	1.1722	1.2486	1.0861	1.4128	1.3738	1.1621		1.2426	10	AVG
Toluene-d8(mz100)	0.7278	0.7681	0.6764	0.8832	0.8607	0.7326		0.7748	10	AVG
4-Bromofluorobenzene	0.4677	0.4965	0.4428	0.5880	0.6232	0.5018		0.5200	14	AVG
4-Bromofluorobenzene(mz174)	0.3632	0.3930	0.3501	0.4665	0.4957	0.4191		0.4146	14	AVG

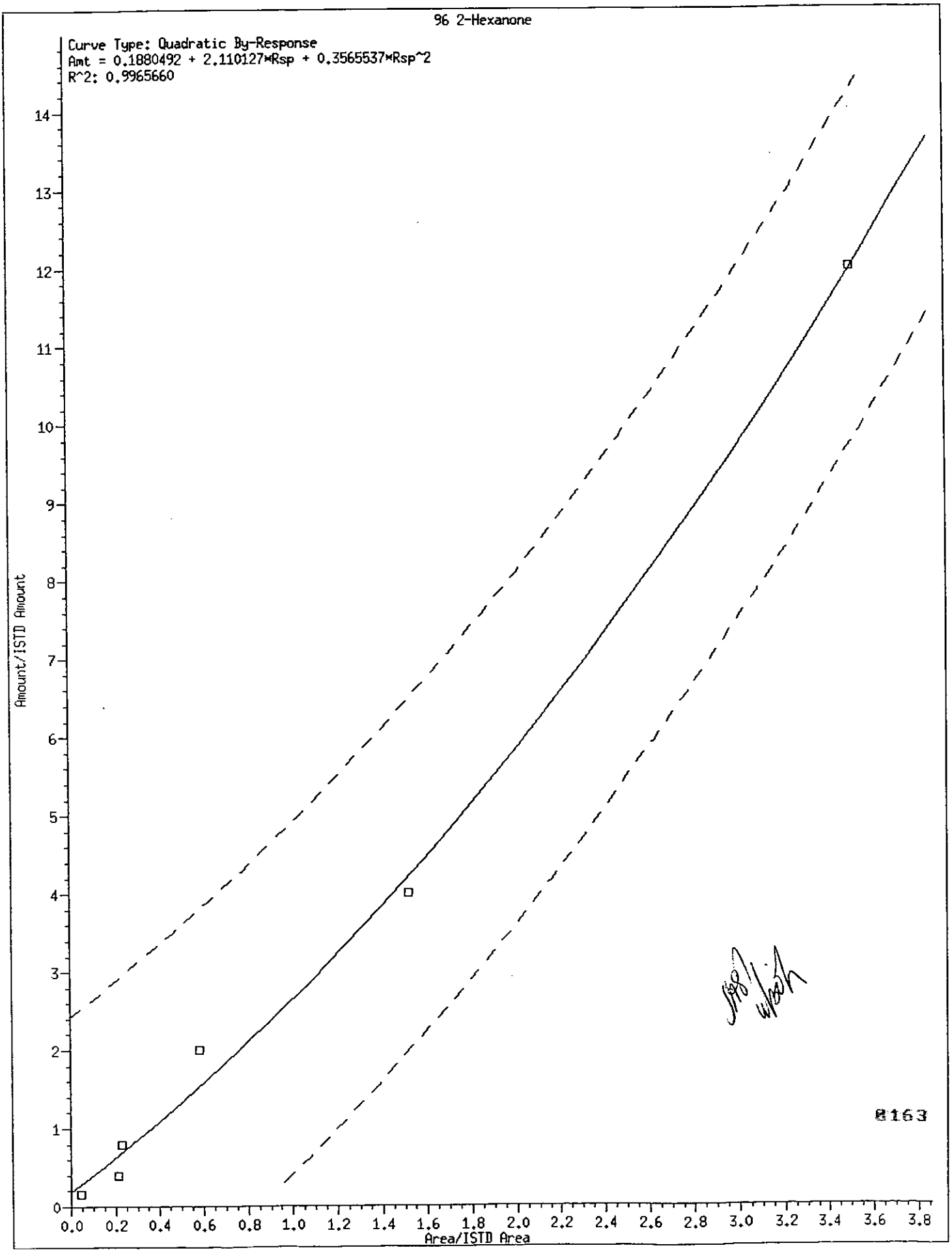
Average %RSD 7

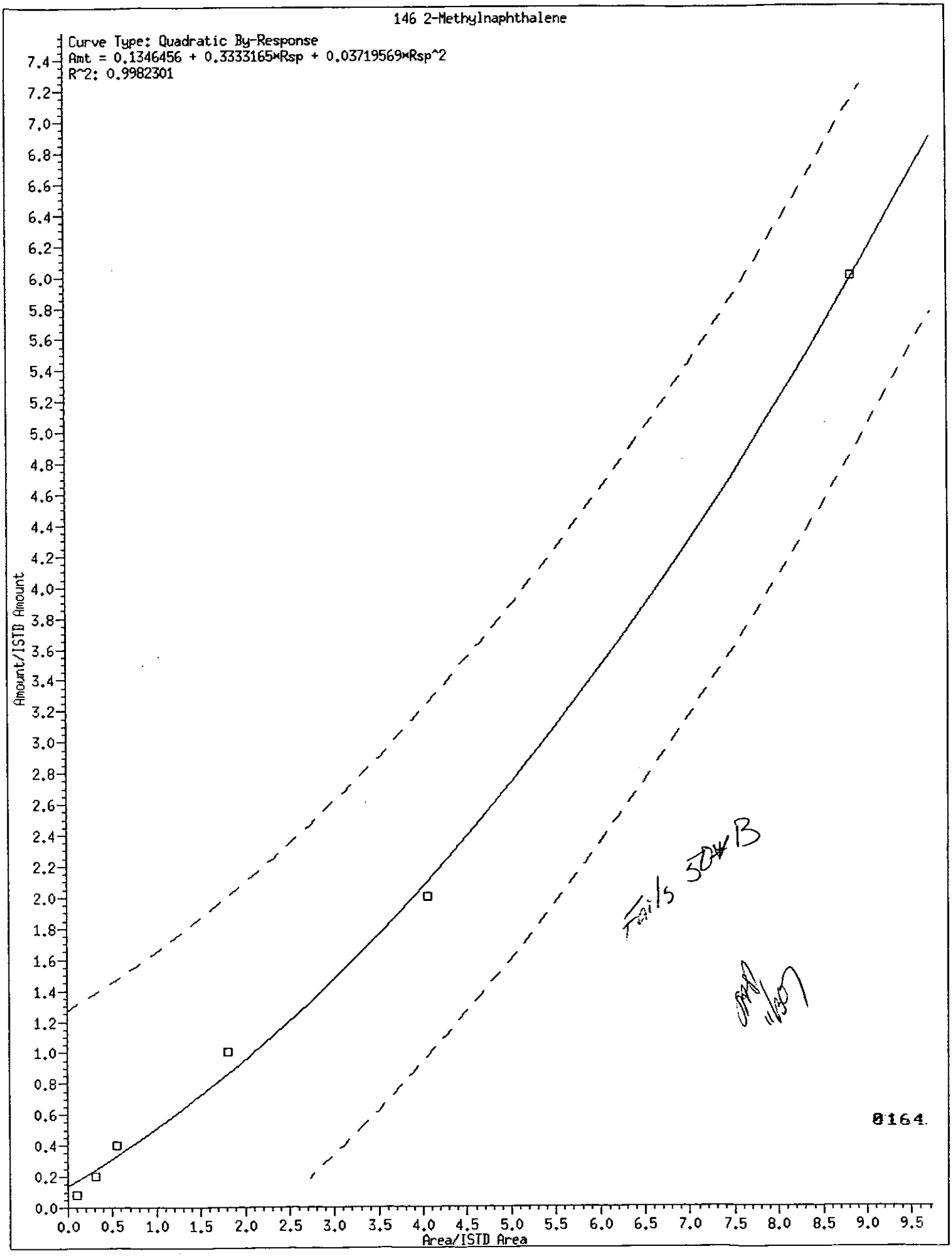
8160

Minimum RRF for SPCC(#) = 0.10
(0.30 for Chlorobenzene, 1,1,2,2-Tetrachloroethane)
Maximum %RSD for CCC(*) = 30%


83 2-Nitropropane
Curve Type: Linear By-Response
Amt = -0.0336161 + Rsp/0.07360022
R^2: 0.9957254
Amount/ISTD Amount
Area/ISTD Area (x10^-1)
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14
0.00 0.50 1.00 1.50 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 6.00 6.50 7.00 7.50 8.00 8.50 9.00 9.50
0161


87 4-Methyl-2-Pentanone
Curve Type: Quadratic By-Response
Amt = 0.153419 + 2.381801*Rsp + 0.293954*Rsp^2
R^2: 0.9975741
Amount/ISTD Amount
Area/ISTD Area
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14
0.0 0.2 0.4 0.6 0.8 1.0 1.2 1.4 1.6 1.8 2.0 2.2 2.4 2.6 2.8 3.0 3.2 3.4 3.6 3.8
0162


96 2-Hexanone
Curve Type: Quadratic By-Response
Amt = 0.1880492 + 2.110127*Rsp + 0.3565537*Rsp^2
R^2: 0.9965660
Amount/ISTD Amount
Area/ISTD Area
0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
1.6
1.8
2.0
2.2
2.4
2.6
2.8
3.0
3.2
3.4
3.6
3.8
B163


146 2-Methylnaphthalene
Curve Type: Quadratic By-Response
Amt = 0.1346456 + 0.3333165*Rsp + 0.03719569*Rsp^2
R^2: 0.9982301
Amount/ISTD Amount
Area/ISTD Area
0.0 0.5 1.0 1.5 2.0 2.5 3.0 3.5 4.0 4.5 5.0 5.5 6.0 6.5 7.0 7.5 8.0 8.5 9.0 9.5
0.0 0.2 0.4 0.6 0.8 1.0 1.2 1.4 1.6 1.8 2.0 2.2 2.4 2.6 2.8 3.0 3.2 3.4 3.6 3.8 4.0 4.2 4.4 4.6 4.8 5.0 5.2 5.4 5.6 5.8 6.0 6.2 6.4 6.6 6.8 7.0 7.2 7.4
Fails 30% B
8164

Internal Standard Area and Retention Time Summary

Initial Calibration Standards:

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/chem/HP09915.i/07nov29d.b/ln29i14.d VSTD100
/chem/HP09915.i/07nov29d.b/ln29i15.d VSTD050
/chem/HP09915.i/07nov29d.b/ln29i10.d VSTD020
/chem/HP09915.i/07nov29d.b/ln29i11.d VSTD010
/chem/HP09915.i/07nov29d.b/ln29i12.d VSTD004

Area Summary

File ID:

Internal Standard Name	ln29i13.d	ln29i14.d	ln29i15.d	ln29i10.d	ln29i11.d	ln29i12.d	Avg. Area	%RSD	In Spec
t-Butyl Alcohol-d10	215492	214102	216568	204551	197171	210951	209806	4	Yes
Fluorobenzene	1340985	1293200	1361428	1278233	1213682	1256434	1290660	4	Yes
Chlorobenzene-d5	1005430	944617	986468	925595	877595	898577	939714	5	Yes
1,4-Dichlorobenzene-d4	587512	545378	566396	528236	494979	504872	537896	7	Yes

%RSD of internal standard area is flagged out of spec if greater than 30.

RT Summary

File ID:

Internal Standard Name	ln29i13.d	ln29i14.d	ln29i15.d	ln29i10.d	ln29i11.d	ln29i12.d	Avg. RT
t-Butyl Alcohol-d10	4.083	4.076	4.070	4.060	4.070	4.060	4.070
Fluorobenzene	7.565	7.565	7.559	7.555	7.555	7.555	7.559
Chlorobenzene-d5	11.063	11.063	11.060	11.057	11.060	11.060	11.061
1,4-Dichlorobenzene-d4	12.941	12.938	12.938	12.938	12.938	12.938	12.938

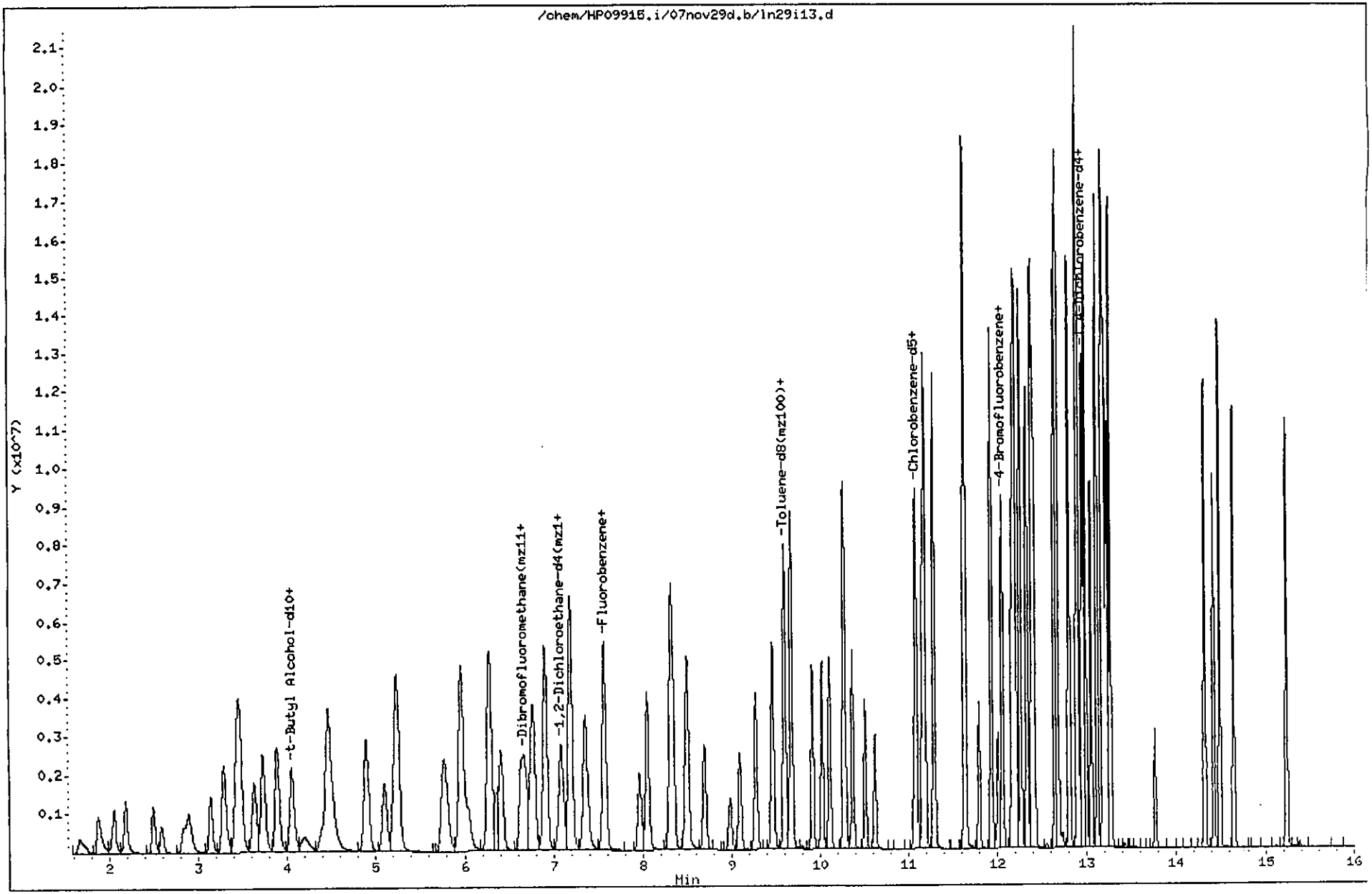
* indicates the retention time is greater than 30 seconds from the average RT.

Data File: /chem/HP09915.i/07nov29d.b/ln29i13.d
Date : 29-NOV-2007 23:15
Client ID: VSTD300
Sample Info: VSTD300;VSTD300;1;1;;;
Purge Volume: 5.0
Column phase: DB-624

Instrument: HP09915.i

Operator: LCH01518
Column diameter: 0.25

8166



Quant Report

Target Revision 3.5

Data File: /chem/HP09915.i/07nov29d.b/ln29i13.d Instrument ID: HP09915.i
Injection date and time: 29-NOV-2007 23:15 Analyst ID: LCM01518

Method used: /chem/HP09915.i/07nov29d.b/L8260W.m Sublist used: 8260WI
Calibration date and time: 29-NOV-2007 21:45
Date, time and analyst ID of latest file update: 29-Nov-2007 23:33 Automation

Sample Name: VSTD300 Lab Sample ID: VSTD300

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
1) Dichlorodifluoromethane	(1)	1.877	85	2412293	315.437
2) Chloromethane	(1)	2.057	50	1923642	297.042
3) Vinyl Chloride	(1)	2.183	62	2099965	297.510
6) Bromomethane	(1)	2.495	94	1128301	232.881
7) Chloroethane	(1)	2.588	64	883817	248.292
8) Trichlorofluoromethane	(1)	2.896	101	2821199	305.738
10) Ethyl Ether	(1)	3.141	59	1326116	274.823
15) Acrolein	(4)	3.289	56	3875372	2523.511
16) 1,1-Dichloroethene	(1)	3.437	96	1717874	283.715
17) Freon 113	(1)	3.466	101	2041434	280.311
18) Acetone	(1)	3.466	43	1266646	583.370
20) Methyl Iodide	(1)	3.630	142	3310705	283.713
21) 2-Propanol	(4)	3.630	45	780223	1295.945
22) Carbon Disulfide	(1)	3.726	76	6631141	281.089
23) Allyl Chloride	(1)	3.887	41	2474184	301.748
25) Methyl Acetate	(1)	3.900	43	1636510	284.354
26) Methylene Chloride	(1)	4.054	84	1932372	269.969
27) *t-Butyl Alcohol-d10	(4)	4.083	65	215492	250.000
28) t-Butyl Alcohol	(4)	4.199	59	1245686	1319.168
29) Acrylonitrile	(1)	4.388	53	939229	294.689
30) trans-1,2-Dichloroethene	(1)	4.459	96	1903406	282.122
31) Methyl Tertiary Butyl Ether	(1)	4.494	73	5568339	289.836
33) n-Hexane	(1)	4.896	57	3082141	288.569
40) 1,2-Dichloroethene (total)	(1)		96	3877157	569.643
36) 1,1-Dichloroethane	(1)	5.099	63	3193390	277.600
37) di-Isopropyl Ether	(1)	5.224	45	5414593	286.910
39) 2-Chloro-1,3-Butadiene	(1)	5.244	53	2473882	297.131
41) Ethyl t-Butyl Ether	(1)	5.771	59	5257731	305.892
42) cis-1,2-Dichloroethene	(1)	5.957	96	1973750	287.521
43) 2-Butanone	(1)	5.967	43	2135162	533.520
44) 2,2-Dichloropropane	(1)	5.973	77	2503159	302.694
45) Propionitrile	(4)	6.044	54	1887594	1450.564
46) Methacrylonitrile	(1)	6.276	67	2614151	716.999
47) Bromochloromethane	(1)	6.295	128	1030161	309.797

* = Compound is an internal standard.

Quant Report

Target Revision 3.5

Data File: /chem/HP09915.i/07nov29d.b/ln29i13.d Instrument ID: HP09915.i
Injection date and time: 29-NOV-2007 23:15 Analyst ID: LCM01518

Method used: /chem/HP09915.i/07nov29d.b/L8260W.m Sublist used: 8260WI
Calibration date and time: 29-NOV-2007 21:45
Date, time and analyst ID of latest file update: 29-Nov-2007 23:33 Automation

Sample Name: VSTD300 Lab Sample ID: VSTD300

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
48) Tetrahydrofuran	(4)	6.363	71	659141	616.167
49) Chloroform	(1)	6.414	83	3110703	281.286
54) 1,1,1-Trichloroethane	(1)	6.681	97	2782366	299.999
55) Cyclohexane	(1)	6.771	56	3560172	298.299
57) Cyclohexane (mz 84)	(1)	6.768	84	3068500	300.073
56) Cyclohexane (mz 69)	(1)	6.771	69	1138405	302.262
58) 1,1-Dichloropropene	(1)	6.906	75	2607494	291.052
59) Carbon Tetrachloride	(1)	6.916	117	2518139	307.135
60) Isobutyl Alcohol	(4)	7.070	41	1117272	3277.046
64) Benzene	(1)	7.186	78	7499111	279.256
65) 1,2-Dichloroethane	(1)	7.202	62	2507706	279.116
66) 1,2-Dichloroethane (mz 98)	(1)	7.202	98	230008	293.719
68) t-Amyl Methyl Ether	(1)	7.356	73	5000002	303.439
70) n-Heptane	(1)	7.571	43	2914497	283.146
71) *Fluorobenzene	(1)	7.565	96	1340985	50.000
73) n-Butanol	(4)	7.964	56	2088621	7102.544
74) Trichloroethene	(1)	8.054	95	1994187	287.722
77) 1,2-Dichloropropane	(1)	8.340	63	1991630	283.953
76) Methylcyclohexane (mz98)	(1)	8.317	98	1576695	330.154
75) Methylcyclohexane	(1)	8.317	83	3585982	323.459
80) Methyl Methacrylate	(1)	8.504	69	1940559	314.255
79) Dibromomethane	(1)	8.488	93	1339234	293.995
81) 1,4-Dioxane	(4)	8.517	88	320162	3552.497
82) Bromodichloromethane	(1)	8.700	83	2505300	313.322
83) 2-Nitropropane	(1)	8.986	41	1170446	603.455
84) 2-Chloroethyl Vinyl Ether	(1)	9.099	63	1562245	336.324
85) cis-1,3-Dichloropropene	(1)	9.279	75	3228956	318.110
87) 4-Methyl-2-Pentanone	(1)	9.469	43	4659202	530.686
90) Toluene	(2)	9.678	92	4726697	281.824
91) trans-1,3-Dichloropropene	(2)	9.915	75	3081650	316.453
92) Ethyl Methacrylate	(2)	10.025	69	2992185	323.784
93) 1,1,2-Trichloroethane	(2)	10.108	97	1843148	281.625
94) Tetrachloroethene	(2)	10.269	166	2218983	297.625
95) 1,3-Dichloropropane	(2)	10.285	76	3062136	274.920

* = Compound is an internal standard.

Quant Report

Target Revision 3.5

Data File: /chem/HP09915.i/07nov29d.b/ln29i13.d Instrument ID: HP09915.i
Injection date and time: 29-NOV-2007 23:15 Analyst ID: LCM01518

Method used: /chem/HP09915.i/07nov29d.b/L8260W.m Sublist used: 8260WI
Calibration date and time: 29-NOV-2007 21:45
Date, time and analyst ID of latest file update: 29-Nov-2007 23:33 Automation

Sample Name: VSTD300 Lab Sample ID: VSTD300

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
96) 2-Hexanone	(2)	10.369	43	3525422	504.872
98) Dibromochloromethane	(2)	10.510	129	2211051	323.469
100) 1,2-Dibromoethane	(2)	10.623	107	2098212	296.872
101) *Chlorobenzene-d5	(2)	11.063	117	1005430	50.000
102) Chlorobenzene	(2)	11.089	112	5475620	280.024
103) 1,1,1,2-Tetrachloroethane	(2)	11.160	131	1960253	303.121
104) Ethylbenzene	(2)	11.185	91	9065440	279.005
105) m+p-Xylene	(2)	11.288	106	3710874	291.526
106) Xylene (Total)	(2)		106	6889412	560.673
107) o-Xylene	(2)	11.629	106	3178538	269.147
108) Styrene	(2)	11.642	104	5297388	278.196
109) Bromoform	(2)	11.793	173	1701383	340.418
111) Isopropylbenzene	(2)	11.935	105	8888657	287.619
115) Cyclohexanone	(4)	12.009	55	1349930	4080.400
116) 1,1,2,2-Tetrachloroethane	(3)	12.160	83	2946976	258.986
118) trans-1,4-Dichloro-2-Butene	(3)	12.205	53	1833945	580.580
117) Bromobenzene	(3)	12.182	156	2466387	285.883
119) 1,2,3-Trichloropropane	(3)	12.198	110	774605	249.542
120) n-Propylbenzene	(3)	12.259	120	2771605	282.357
122) 2-Chlorotoluene	(3)	12.333	126	2356072	281.997
123) 1,3,5-Trimethylbenzene	(3)	12.391	120	3930117	279.064
125) 4-Chlorotoluene	(3)	12.414	126	2416678	277.476
126) tert-Butylbenzene	(3)	12.642	134	1785558	289.492
127) Pentachloroethane	(3)	12.661	167	1614174	311.825
128) 1,2,4-Trimethylbenzene	(3)	12.677	105	7835876	261.871
129) sec-Butylbenzene	(3)	12.806	134	2196057	294.992
130) p-Isopropyltoluene	(3)	12.906	134	2321175	275.753
131) 1,3-Dichlorobenzene	(3)	12.893	146	4411633	263.031
132) *1,4-Dichlorobenzene-d4	(3)	12.941	152	587512	50.000
133) 1,4-Dichlorobenzene	(3)	12.957	146	4945324	275.568
134) 1,2,3-Trimethylbenzene	(3)	12.989	120	3654354	291.024
135) Benzyl Chloride	(3)	13.050	91	6338628	318.699
136) 1,3-Diethylbenzene	(3)	13.115	119	5344497	297.237
137) 1,4-Diethylbenzene	(3)	13.179	119	5491096	287.116

* = Compound is an internal standard.

Quant Report

Target Revision 3.5

Data File: /chem/HP09915.i/07nov29d.b/ln29i13.d Instrument ID: HP09915.i
Injection date and time: 29-NOV-2007 23:15 Analyst ID: LCM01518

Method used: /chem/HP09915.i/07nov29d.b/L8260W.m Sublist used: 8260WI
Calibration date and time: 29-NOV-2007 21:45
Date, time and analyst ID of latest file update: 29-Nov-2007 23:33 Automation

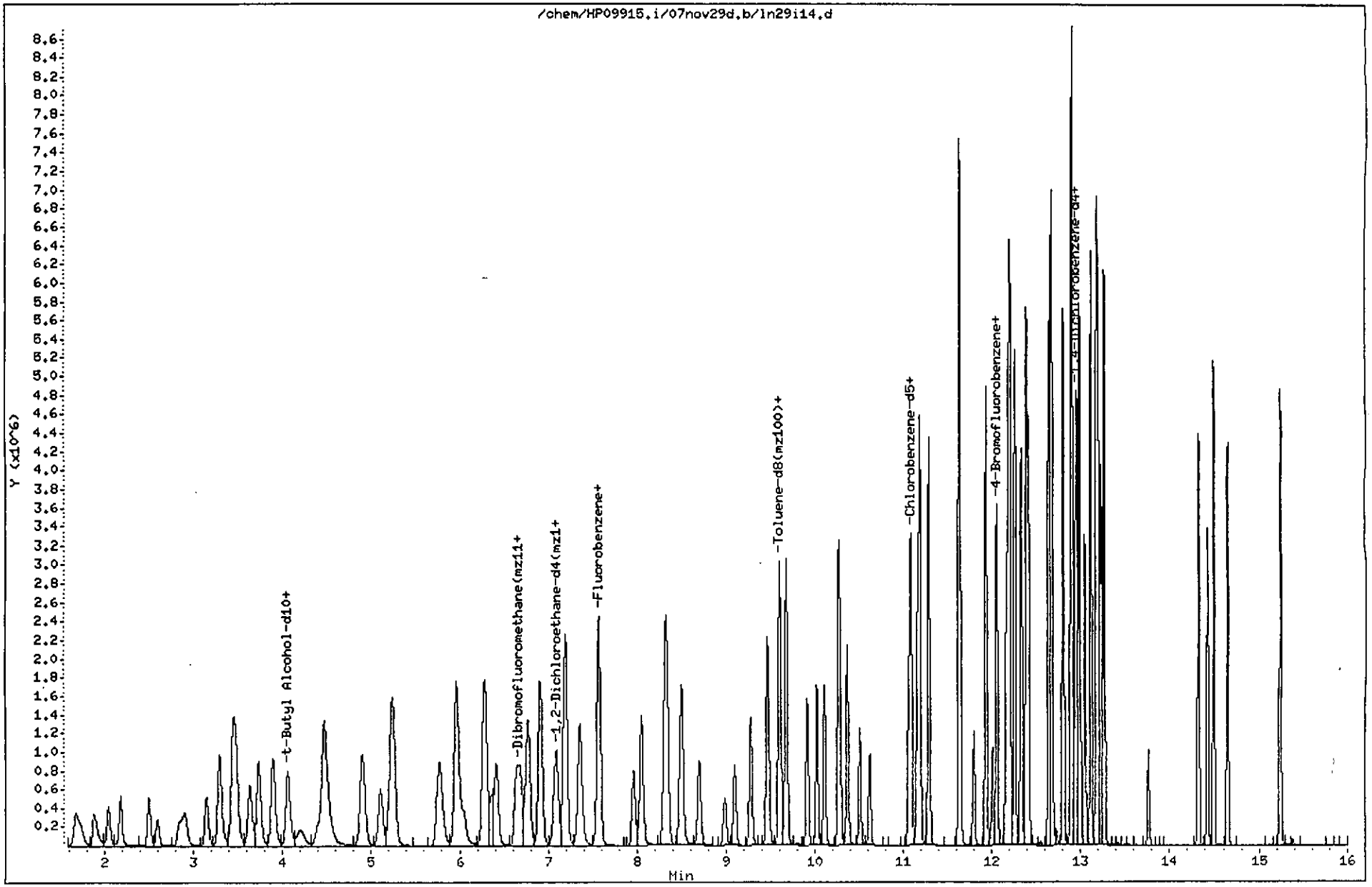
Sample Name: VSTD300 Lab Sample ID: VSTD300

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
138) n-Butylbenzene	(3)	13.198	92	4204663	256.175
139) 1,2-Dichlorobenzene	(3)	13.230	146	4581707	276.054
140) 1,2-Diethylbenzene	(3)	13.266	119	4455977	290.211
141) 1,2-Dibromo-3-Chloropropane	(3)	13.764	75	685902	286.608
142) 1,2,4-Trichlorobenzene	(3)	14.324	180	3449518	286.129
143) Hexachlorobutadiene	(3)	14.423	225	1642960	285.647
144) Naphthalene	(3)	14.494	128	9681611	270.291
145) 1,2,3-Trichlorobenzene	(3)	14.648	180	3265848	271.536
146) 2-Methylnaphthalene	(3)	15.243	142	5191829	315.878
51) $Dibromofluoromethane	(1)	6.636	113	1817776	313.803
52) $Dibromofluoromethane(mz111)	(1)	6.636	111	1862356	311.958
62) $1,2-Dichloroethane-d4	(1)	7.096	102	417987	299.981
63) $1,2-Dichloroethane-d4(mz65)	(1)	7.096	65	2031079	293.807
61) $1,2-Dichloroethane-d4(mz104)	(1)	7.099	104	269522	308.114
89) $Toluene-d8	(2)	9.604	98	7010692	298.680
88) $Toluene-d8(mz100)	(2)	9.600	100	4419413	302.630
113) $4-Bromofluorobenzene	(2)	12.057	95	3026956	315.458
112) $4-Bromofluorobenzene(mz174)	(2)	12.057	174	2528191	329.696

$ = Compound is a surrogate standard.

Data File: /chem/HP09915.i/07nov29d.b/ln29i14.d
Date : 29-NOV-2007 23:38
Client ID: VSTD100
Sample Info: VSTD100;VSTD100;1;1;;;
Purge Volume: 5.0
Column phase: DB-624

Instrument: HP09915.i
Operator: LCH01518
Column diameter: 0.25



Quant Report

Target Revision 3.5

Data File: /chem/HP09915.i/07nov29d.b/ln29i14.d Instrument ID: HP09915.i
Injection date and time: 29-NOV-2007 23:38 Analyst ID: LCM01518

Method used: /chem/HP09915.i/07nov29d.b/L8260W.m Sublist used: 8260WI
Calibration date and time: 29-NOV-2007 21:45
Date, time and analyst ID of latest file update: 29-Nov-2007 23:55 Automation

Sample Name: VSTD100 Lab Sample ID: VSTD100

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
1) Dichlorodifluoromethane	(1)	1.883	85	841219	110.944
2) Chloromethane	(1)	2.044	50	660081	104.504
3) Vinyl Chloride	(1)	2.179	62	726852	105.352
6) Bromomethane	(1)	2.494	94	476413	101.566
7) Chloroethane	(1)	2.594	64	358733	103.571
8) Trichlorofluoromethane	(1)	2.903	101	1000336	109.690
10) Ethyl Ether	(1)	3.147	59	487665	103.802
15) Acrolein	(4)	3.295	56	1572316	1024.241
16) 1,1-Dichloroethene	(1)	3.436	96	569867	98.066
17) Freon 113	(1)	3.472	101	695788	99.254
18) Acetone	(1)	3.475	43	482959	223.792
20) Methyl Iodide	(1)	3.633	142	1095404	97.861
21) 2-Propanol	(4)	3.633	45	297701	498.150
22) Carbon Disulfide	(1)	3.732	76	2214057	97.845
23) Allyl Chloride	(1)	3.890	41	841804	105.101
25) Methyl Acetate	(1)	3.903	43	569929	102.139
26) Methylene Chloride	(1)	4.057	84	654031	95.756
27) *t-Butyl Alcohol-d10	(4)	4.076	65	214102	250.000
28) t-Butyl Alcohol	(4)	4.195	59	474787	504.836
29) Acrylonitrile	(1)	4.391	53	343429	109.173
30) trans-1,2-Dichloroethene	(1)	4.469	96	640895	98.799
31) Methyl Tertiary Butyl Ether	(1)	4.488	73	1921130	102.931
33) n-Hexane	(1)	4.896	57	1060997	102.392
40) 1,2-Dichloroethene (total)	(1)		96	1300945	198.562
36) 1,1-Dichloroethane	(1)	5.102	63	1093748	98.871
37) di-Isopropyl Ether	(1)	5.231	45	1864205	101.936
39) 2-Chloro-1,3-Butadiene	(1)	5.247	53	841736	103.830
41) Ethyl t-Butyl Ether	(1)	5.768	59	1750474	104.434
42) cis-1,2-Dichloroethene	(1)	5.960	96	660050	99.763
43) 2-Butanone	(1)	5.970	43	831467	212.163
44) 2,2-Dichloropropane	(1)	5.973	77	833648	103.595
45) Propionitrile	(4)	6.047	54	643040	497.891
46) Methacrylonitrile	(1)	6.272	67	897969	254.295
47) Bromochloromethane	(1)	6.295	128	340289	104.833

* = Compound is an internal standard.

Quant Report

Target Revision 3.5

Data File: /chem/HP09915.i/07nov29d.b/ln29i14.d Instrument ID: HP09915.i
Injection date and time: 29-NOV-2007 23:38 Analyst ID: LCM01518

Method used: /chem/HP09915.i/07nov29d.b/L8260W.m Sublist used: 8260WI
Calibration date and time: 29-NOV-2007 21:45
Date, time and analyst ID of latest file update: 29-Nov-2007 23:55 Automation

Sample Name: VSTD100 Lab Sample ID: VSTD100

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
48) Tetrahydrofuran	(4)	6.366	71	241463	221.173
49) Chloroform	(1)	6.417	83	1039029	97.930
54) 1,1,1-Trichloroethane	(1)	6.684	97	913565	101.706
55) Cyclohexane	(1)	6.768	56	1205100	103.728
57) Cyclohexane (mz 84)	(1)	6.771	84	1024698	103.103
56) Cyclohexane (mz 69)	(1)	6.771	69	376456	102.897
58) 1,1-Dichloropropene	(1)	6.906	75	875299	101.047
59) Carbon Tetrachloride	(1)	6.915	117	811988	102.146
60) Isobutyl Alcohol	(4)	7.073	41	429930	1265.316
64) Benzene	(1)	7.186	78	2555389	98.937
65) 1,2-Dichloroethane	(1)	7.198	62	854237	98.871
66) 1,2-Dichloroethane (mz 98)	(1)	7.202	98	75795	100.294
68) t-Amyl Methyl Ether	(1)	7.353	73	1702251	105.618
70) n-Heptane	(1)	7.571	43	1027012	102.751
71) *Fluorobenzene	(1)	7.565	96	1293200	50.000
73) n-Butanol	(4)	7.964	56	824929	2752.238
74) Trichloroethene	(1)	8.050	95	655795	98.486
77) 1,2-Dichloropropane	(1)	8.340	63	684174	100.917
76) Methylcyclohexane (mz98)	(1)	8.317	98	528904	111.532
75) Methylcyclohexane	(1)	8.317	83	1225939	111.399
80) Methyl Methacrylate	(1)	8.504	69	651657	107.404
79) Dibromomethane	(1)	8.488	93	442862	100.648
81) 1,4-Dioxane	(4)	8.520	88	129075	1398.650
82) Bromodichloromethane	(1)	8.700	83	810074	104.003
83) 2-Nitropropane	(1)	8.983	41	437331	226.163
84) 2-Chloroethyl Vinyl Ether	(1)	9.095	63	524533	113.224
85) cis-1,3-Dichloropropene	(1)	9.275	75	1063230	106.777
87) 4-Methyl-2-Pentanone	(1)	9.465	43	1861323	215.563
90) Toluene	(2)	9.677	92	1590694	100.758
91) trans-1,3-Dichloropropene	(2)	9.915	75	1009876	108.135
92) Ethyl Methacrylate	(2)	10.021	69	1006979	112.388
93) 1,1,2-Trichloroethane	(2)	10.108	97	616027	100.149
94) Tetrachloroethene	(2)	10.269	166	706151	100.648
95) 1,3-Dichloropropane	(2)	10.282	76	1063682	101.312

* = Compound is an internal standard.

Quant Report

Target Revision 3.5

Data File: /chem/HP09915.i/07nov29d.b/ln29i14.d Instrument ID: HP09915.i
Injection date and time: 29-NOV-2007 23:38 Analyst ID: LCM01518

Method used: /chem/HP09915.i/07nov29d.b/L8260W.m Sublist used: 8260WI
Calibration date and time: 29-NOV-2007 21:45
Date, time and analyst ID of latest file update: 29-Nov-2007 23:55 Automation

Sample Name: VSTD100 Lab Sample ID: VSTD100

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
96) 2-Hexanone	(2)	10.369	43	1436296	214.864
98) Dibromochloromethane	(2)	10.510	129	704816	107.651
100) 1,2-Dibromoethane	(2)	10.623	107	681902	102.142
101) *Chlorobenzene-d5	(2)	11.063	117	944617	50.000
102) Chlorobenzene	(2)	11.086	112	1816891	99.116
103) 1,1,1,2-Tetrachloroethane	(2)	11.160	131	635676	103.666
104) Ethylbenzene	(2)	11.185	91	3129707	102.009
105) m+p-Xylene	(2)	11.288	106	1241722	103.040
106) Xylene (Total)	(2)		106	2418984	207.865
107) o-Xylene	(2)	11.629	106	1177261	104.824
108) Styrene	(2)	11.639	104	1962674	107.618
109) Bromoform	(2)	11.793	173	534359	110.743
111) Isopropylbenzene	(2)	11.935	105	3065035	104.402
115) Cyclohexanone	(4)	12.008	55	481362	1415.867
116) 1,1,2,2-Tetrachloroethane	(3)	12.160	83	1046526	99.260
118) trans-1,4-Dichloro-2-Butene	(3)	12.201	53	723099	247.273
117) Bromobenzene	(3)	12.182	156	806454	100.559
119) 1,2,3-Trichloropropane	(3)	12.198	110	287921	99.937
120) n-Propylbenzene	(3)	12.259	120	916849	100.495
122) 2-Chlorotoluene	(3)	12.330	126	775248	99.966
123) 1,3,5-Trimethylbenzene	(3)	12.388	120	1349806	102.583
125) 4-Chlorotoluene	(3)	12.414	126	805086	99.663
126) tert-Butylbenzene	(3)	12.642	134	604834	104.460
127) Pentachloroethane	(3)	12.661	167	534947	108.859
128) 1,2,4-Trimethylbenzene	(3)	12.674	105	2866373	102.539
129) sec-Butylbenzene	(3)	12.803	134	728106	104.244
130) p-Isopropyltoluene	(3)	12.902	134	843105	106.220
131) 1,3-Dichlorobenzene	(3)	12.893	146	1568204	100.578
132) *1,4-Dichlorobenzene-d4	(3)	12.938	152	545378	50.000
133) 1,4-Dichlorobenzene	(3)	12.957	146	1633351	98.431
134) 1,2,3-Trimethylbenzene	(3)	12.986	120	1261558	106.477
135) Benzyl Chloride	(3)	13.047	91	2108100	111.032
136) 1,3-Diethylbenzene	(3)	13.115	119	1876267	109.689
137) 1,4-Diethylbenzene	(3)	13.176	119	2003295	110.015

* = Compound is an internal standard.

Quant Report

Target Revision 3.5

Data File: /chem/HP09915.i/07nov29d.b/ln29i14.d Instrument ID: HP09915.i
Injection date and time: 29-NOV-2007 23:38 Analyst ID: LCM01518

Method used: /chem/HP09915.i/07nov29d.b/L8260W.m Sublist used: 8260WI
Calibration date and time: 29-NOV-2007 21:45
Date, time and analyst ID of latest file update: 29-Nov-2007 23:55 Automation

Sample Name: VSTD100 Lab Sample ID: VSTD100

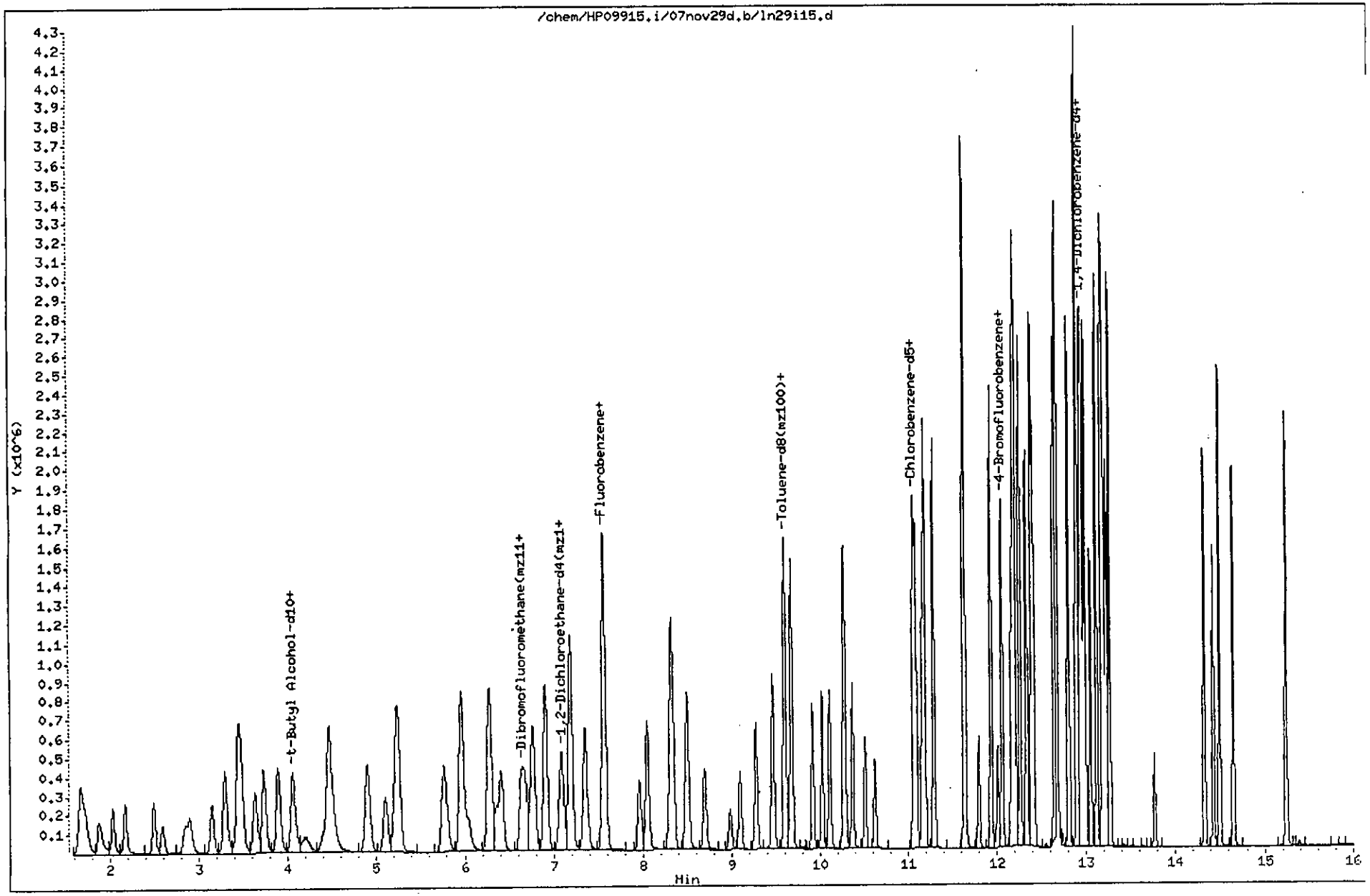
Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
138) n-Butylbenzene	(3)	13.195	92	1563639	102.091
139) 1,2-Dichlorobenzene	(3)	13.227	146	1511184	98.462
140) 1,2-Diethylbenzene	(3)	13.262	119	1567921	107.847
141) 1,2-Dibromo-3-Chloropropane	(3)	13.764	75	232392	103.653
142) 1,2,4-Trichlorobenzene	(3)	14.320	180	1178776	104.219
143) Hexachlorobutadiene	(3)	14.423	225	558689	103.677
144) Naphthalene	(3)	14.491	128	3593461	106.356
145) 1,2,3-Trichlorobenzene	(3)	14.648	180	1159988	103.094
146) 2-Methylnaphthalene	(3)	15.243	142	2214295	133.114
51) $Dibromofluoromethane	(1)	6.639	113	653536	113.144
52) $Dibromofluoromethane(mz111)	(1)	6.639	111	671603	112.895
62) $1,2-Dichloroethane-d4	(1)	7.096	102	150693	109.486
63) $1,2-Dichloroethane-d4(mz65)	(1)	7.096	65	754998	110.327
61) $1,2-Dichloroethane-d4(mz104)	(1)	7.096	104	96783	111.446
89) $Toluene-d8	(2)	9.600	98	2595505	113.673
88) $Toluene-d8(mz100)	(2)	9.600	100	1626117	114.288
113) $4-Bromofluorobenzene	(2)	12.053	95	1177300	123.063
112) $4-Bromofluorobenzene(mz174)	(2)	12.057	174	936446	122.629

$ = Compound is a surrogate standard.

Data File: /chem/HP09915.i/07nov29d.b/ln29i15.d
Date : 30-NOV-2007 00:00
Client ID: VSTD050
Sample Info: VSTD050;VSTD050;1;1;;;
Purge Volume: 5.0
Column phase: DB-624

Instrument: HP09915.i

Operator: LCH01518
Column diameter: 0.25



Quant Report

Target Revision 3.5

Data File: /chem/HP09915.i/07nov29d.b/ln29i15.d Instrument ID: HP09915.i
Injection date and time: 30-NOV-2007 00:00 Analyst ID: LCM01518

Method used: /chem/HP09915.i/07nov29d.b/L8260W.m Sublist used: 8260WI
Calibration date and time: 29-NOV-2007 21:45
Date, time and analyst ID of latest file update: 30-Nov-2007 00:18 Automation

Sample Name: VSTD050 Lab Sample ID: VSTD050

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
1) Dichlorodifluoromethane	(1)	1.877	85	416249	51.775
2) Chloromethane	(1)	2.035	50	323660	48.890
3) Vinyl Chloride	(1)	2.173	62	364642	50.170
6) Bromomethane	(1)	2.491	94	249741	50.477
7) Chloroethane	(1)	2.591	64	185201	50.657
8) Trichlorofluoromethane	(1)	2.890	101	493601	51.172
10) Ethyl Ether	(1)	3.144	59	240579	48.863
15) Acrolein	(4)	3.292	56	719343	469.003
16) 1,1-Dichloroethene	(1)	3.437	96	286939	47.393
17) Freon 113	(1)	3.466	101	344493	47.202
18) Acetone	(1)	3.469	43	215513	95.679
20) Methyl Iodide	(1)	3.633	142	543905	46.755
21) 2-Propanol	(4)	3.633	45	137738	231.269
22) Carbon Disulfide	(1)	3.726	76	1104764	46.943
23) Allyl Chloride	(1)	3.887	41	410535	48.902
25) Methyl Acetate	(1)	3.900	43	272663	46.977
26) Methylene Chloride	(1)	4.054	84	323919	45.804
27) *t-Butyl Alcohol-d10	(4)	4.070	65	216568	250.000
28) t-Butyl Alcohol	(4)	4.195	59	228408	241.694
29) Acrylonitrile	(1)	4.392	53	152927	46.774
30) trans-1,2-Dichloroethene	(1)	4.466	96	319339	47.272
31) Methyl Tertiary Butyl Ether	(1)	4.482	73	913574	47.045
33) n-Hexane	(1)	4.900	57	512011	47.420
40) 1,2-Dichloroethene (total)	(1)		96	644562	94.485
36) 1,1-Dichloroethane	(1)	5.102	63	530837	46.262
37) di-Isopropyl Ether	(1)	5.228	45	915162	47.928
39) 2-Chloro-1,3-Butadiene	(1)	5.250	53	412077	48.561
41) Ethyl t-Butyl Ether	(1)	5.768	59	850769	48.502
42) cis-1,2-Dichloroethene	(1)	5.961	96	325222	47.213
43) 2-Butanone	(1)	5.970	43	357915	88.710
44) 2,2-Dichloropropane	(1)	5.970	77	407701	48.427
45) Propionitrile	(4)	6.044	54	309577	239.045
46) Methacrylonitrile	(1)	6.273	67	433288	117.881
47) Bromochloromethane	(1)	6.298	128	162999	48.068

8177

* = Compound is an internal standard.

Quant Report

Target Revision 3.5

Data File: /chem/HP09915.i/07nov29d.b/ln29i15.d Instrument ID: HP09915.i
Injection date and time: 30-NOV-2007 00:00 Analyst ID: LCM01518

Method used: /chem/HP09915.i/07nov29d.b/L8260W.m Sublist used: 8260WI
Calibration date and time: 29-NOV-2007 21:45
Date, time and analyst ID of latest file update: 30-Nov-2007 00:18 Automation

Sample Name: VSTD050 Lab Sample ID: VSTD050

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
48) Tetrahydrofuran	(4)	6.363	71	102187	93.701
49) Chloroform	(1)	6.417	83	510250	46.349
54) 1,1,1-Trichloroethane	(1)	6.684	97	447321	47.733
55) Cyclohexane	(1)	6.768	56	583120	48.048
57) Cyclohexane (mz 84)	(1)	6.765	84	496481	47.858
56) Cyclohexane (mz 69)	(1)	6.768	69	183755	48.076
58) 1,1-Dichloropropene	(1)	6.906	75	429434	47.552
59) Carbon Tetrachloride	(1)	6.912	117	396581	47.805
60) Isobutyl Alcohol	(4)	7.070	41	204900	600.788
64) Benzene	(1)	7.186	78	1267288	47.140
65) 1,2-Dichloroethane	(1)	7.202	62	418901	46.668
66) 1,2-Dichloroethane (mz 98)	(1)	7.202	98	36135	46.123
68) t-Amyl Methyl Ether	(1)	7.353	73	821713	48.684
70) n-Heptane	(1)	7.568	43	490048	47.110
71) *Fluorobenzene	(1)	7.559	96	1361428	50.000
73) n-Butanol	(4)	7.964	56	376735	1243.826
74) Trichloroethene	(1)	8.051	95	327163	47.194
77) 1,2-Dichloropropane	(1)	8.337	63	336095	47.552
76) Methylcyclohexane (mz98)	(1)	8.314	98	248985	49.894
75) Methylcyclohexane	(1)	8.314	83	584950	50.407
80) Methyl Methacrylate	(1)	8.501	69	308273	48.543
79) Dibromomethane	(1)	8.485	93	213284	46.659
81) 1,4-Dioxane	(4)	8.517	88	61622	654.005
82) Bromodichloromethane	(1)	8.700	83	390117	47.964
83) 2-Nitropropane	(1)	8.986	41	179824	90.086
84) 2-Chloroethyl Vinyl Ether	(1)	9.096	63	249054	50.885
85) cis-1,3-Dichloropropene	(1)	9.276	75	511527	48.993
87) 4-Methyl-2-Pentanone	(1)	9.465	43	781707	88.049
90) Toluene	(2)	9.678	92	783179	47.902
91) trans-1,3-Dichloropropene	(2)	9.912	75	485094	49.782
92) Ethyl Methacrylate	(2)	10.022	69	479427	51.028
93) 1,1,2-Trichloroethane	(2)	10.108	97	299980	47.219
94) Tetrachloroethene	(2)	10.269	166	342955	47.311
95) 1,3-Dichloropropane	(2)	10.282	76	519359	47.788

* = Compound is an internal standard.

Quant Report

Target Revision 3.5

Data File: /chem/HP09915.i/07nov29d.b/ln29i15.d Instrument ID: HP09915.i
Injection date and time: 30-NOV-2007 00:00 Analyst ID: LCM01518

Method used: /chem/HP09915.i/07nov29d.b/L8260W.m Sublist used: 8260WI
Calibration date and time: 29-NOV-2007 21:45
Date, time and analyst ID of latest file update: 30-Nov-2007 00:18 Automation

Sample Name: VSTD050 Lab Sample ID: VSTD050

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
96) 2-Hexanone	(2)	10.366	43	576077	84.999
98) Dibromochloromethane	(2)	10.507	129	336969	49.402
100) 1,2-Dibromoethane	(2)	10.620	107	332246	48.031
101)*Chlorobenzene-d5	(2)	11.060	117	986468	50.000
102) Chlorobenzene	(2)	11.086	112	895198	47.274
103) 1,1,1,2-Tetrachloroethane	(2)	11.160	131	306960	48.268
104) Ethylbenzene	(2)	11.186	91	1533371	48.202
105) m+p-Xylene	(2)	11.288	106	603668	48.295
106) Xylene (Total)	(2)		106	1186392	98.032
107) o-Xylene	(2)	11.629	106	582723	49.737
108) Styrene	(2)	11.639	104	954299	50.089
109) Bromoform	(2)	11.793	173	250136	49.700
111) Isopropylbenzene	(2)	11.932	105	1496014	48.992
115) Cyclohexanone	(4)	12.005	55	235001	672.883
116) 1,1,2,2-Tetrachloroethane	(3)	12.160	83	506255	46.822
118) trans-1,4-Dichloro-2-Butene	(3)	12.202	53	359178	119.339
117) Bromobenzene	(3)	12.182	156	390528	47.380
119) 1,2,3-Trichloropropane	(3)	12.195	110	141181	47.632
120) n-Propylbenzene	(3)	12.256	120	444583	47.409
122) 2-Chlorotoluene	(3)	12.330	126	373578	46.950
123) 1,3,5-Trimethylbenzene	(3)	12.388	120	648983	47.892
125) 4-Chlorotoluene	(3)	12.411	126	391477	47.188
126) tert-Butylbenzene	(3)	12.642	134	289834	48.490
127) Pentachloroethane	(3)	12.661	167	242913	47.982
128) 1,2,4-Trimethylbenzene	(3)	12.674	105	1394661	48.356
129) sec-Butylbenzene	(3)	12.803	134	346325	48.106
130) p-Isopropyltoluene	(3)	12.903	134	400589	48.825
131) 1,3-Dichlorobenzene	(3)	12.893	146	758580	47.344
132)*1,4-Dichlorobenzene-d4	(3)	12.938	152	566396	50.000
133) 1,4-Dichlorobenzene	(3)	12.954	146	795029	46.736
134) 1,2,3-Trimethylbenzene	(3)	12.986	120	595793	48.676
135) Benzyl Chloride	(3)	13.047	91	984154	49.926
136) 1,3-Diethylbenzene	(3)	13.115	119	887462	49.964
137) 1,4-Diethylbenzene	(3)	13.176	119	945860	50.013

* = Compound is an internal standard.

Quant Report

Target Revision 3.5

Data File: /chem/HP09915.i/07nov29d.b/ln29i15.d Instrument ID: HP09915.i
Injection date and time: 30-NOV-2007 00:00 Analyst ID: LCM01518

Method used: /chem/HP09915.i/07nov29d.b/L8260W.m Sublist used: 8260WI
Calibration date and time: 29-NOV-2007 21:45
Date, time and analyst ID of latest file update: 30-Nov-2007 00:18 Automation

Sample Name: VSTD050 Lab Sample ID: VSTD050

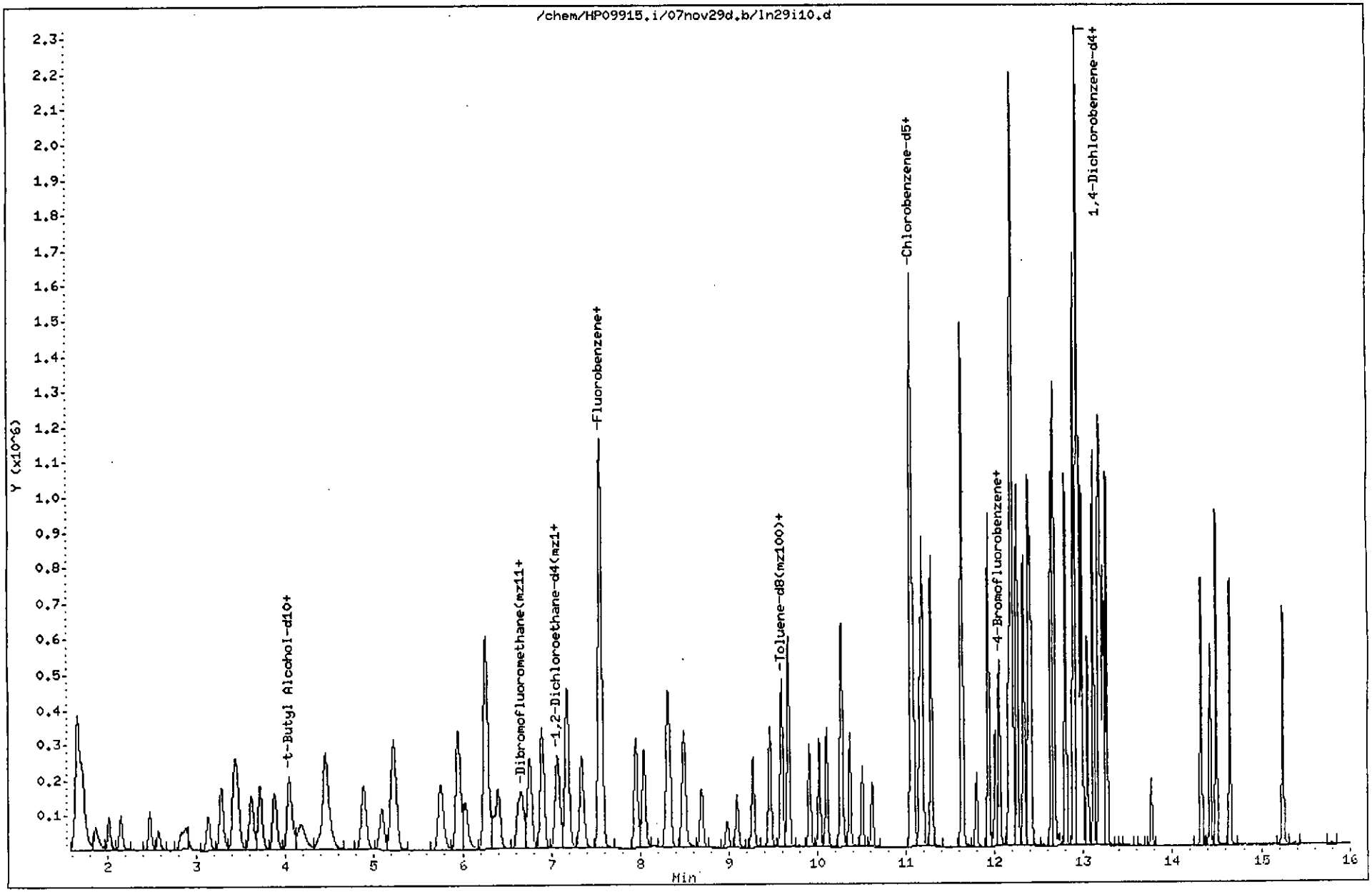
Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
138) n-Butylbenzene	(3)	13.195	92	757912	48.025
139) 1,2-Dichlorobenzene	(3)	13.227	146	730786	46.491
140) 1,2-Diethylbenzene	(3)	13.263	119	744994	49.450
141) 1,2-Dibromo-3-Chloropropane	(3)	13.761	75	110287	47.785
142) 1,2,4-Trichlorobenzene	(3)	14.320	180	566957	48.547
143) Hexachlorobutadiene	(3)	14.423	225	263980	47.619
144) Naphthalene	(3)	14.491	128	1739581	49.646
145) 1,2,3-Trichlorobenzene	(3)	14.648	180	557125	48.049
146) 2-Methylnaphthalene	(3)	15.243	142	1021130	57.366
51) $Dibromofluoromethane	(1)	6.636	113	354417	56.718
52) $Dibromofluoromethane(mz111)	(1)	6.636	111	365779	56.813
62) $1,2-Dichloroethane-d4	(1)	7.099	102	81538	55.120
63) $1,2-Dichloroethane-d4(mz65)	(1)	7.096	65	414241	56.097
61) $1,2-Dichloroethane-d4(mz104)	(1)	7.096	104	52859	56.349
89) $Toluene-d8	(2)	9.600	98	1393671	56.847
88) $Toluene-d8(mz100)	(2)	9.600	100	871229	56.994
113) $4-Bromofluorobenzene	(2)	12.054	95	580062	56.542
112) $4-Bromofluorobenzene(mz174)	(2)	12.057	174	460161	56.258

$ = Compound is a surrogate standard.

Data File: /chem/HP09915.i/07nov29d.b/ln29i10.d
Date : 29-NOV-2007 21:45
Client ID: VSTD020
Sample Info: VSTD020;VSTD020;1;1;;;
Purge Volume: 5.0
Column phase: DB-624

Instrument: HP09915.i

Operator: LCH01518
Column diameter: 0.25



Quant Report

Target Revision 3.5

Data File: /chem/HP09915.i/07nov29d.b/ln29i10.d Instrument ID: HP09915.i
Injection date and time: 29-NOV-2007 21:45 Analyst ID: LCM01518

Method used: /chem/HP09915.i/07nov29d.b/L8260W.m Sublist used: 8260WI
Calibration date and time: 29-NOV-2007 21:45
Date, time and analyst ID of latest file update: 29-Nov-2007 22:26 lcm01518

Sample Name: VSTD020 Lab Sample ID: VSTD020

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
1) Dichlorodifluoromethane	(1)	1.861	85	143701	20.000
2) Chloromethane	(1)	2.016	50	122055M	20.000
3) Vinyl Chloride	(1)	2.151	62	131700	20.000
6) Bromomethane	(1)	2.475	94	97317	20.000
7) Chloroethane	(1)	2.572	64	70262	20.000
8) Trichlorofluoromethane	(1)	2.880	101	173024	20.000
10) Ethyl Ether	(1)	3.134	59	90311	20.000
15) Acrolein	(4)	3.279	56	281842	200.000
16) 1,1-Dichloroethene	(1)	3.424	96	110888	20.000
17) Freon 113	(1)	3.453	101	131907	20.000
18) Acetone	(1)	3.459	43	69254	40.000
20) Methyl Iodide	(1)	3.617	142	220322	20.000
21) 2-Propanol	(4)	3.620	45	124148	200.000
22) Carbon Disulfide	(1)	3.716	76	444549	20.000
23) Allyl Chloride	(1)	3.874	41	151739	20.000
25) Methyl Acetate	(1)	3.884	43	103572	20.000
26) Methylene Chloride	(1)	4.044	84	132228	20.000
27)*t-Butyl Alcohol-d10	(4)	4.060	65	204551	250.000
28) t-Butyl Alcohol	(4)	4.179	59	196556	200.000
29) Acrylonitrile	(1)	4.376	53	58504	20.000
30) trans-1,2-Dichloroethene	(1)	4.453	96	126361	20.000
31) Methyl Tertiary Butyl Ether	(1)	4.469	73	364658	20.000
33) n-Hexane	(1)	4.887	57	199336	20.000
40) 1,2-Dichloroethene (total)	(1)		96	255172	40.000
36) 1,1-Dichloroethane	(1)	5.089	63	214669M	20.000
37) di-Isopropyl Ether	(1)	5.218	45	360644	20.000
39) 2-Chloro-1,3-Butadiene	(1)	5.234	53	159501	20.000
41) Ethyl t-Butyl Ether	(1)	5.758	59	327532M	20.000
42) cis-1,2-Dichloroethene	(1)	5.945	96	128811	20.000
43) 2-Butanone	(1)	5.961	43	136332	40.000
44) 2,2-Dichloropropane	(1)	5.961	77	153369	20.000
45) Propionitrile	(4)	6.035	54	260707	200.000
46) Methacrylonitrile	(1)	6.263	67	356492	100.000
47) Bromochloromethane	(1)	6.285	128	59684	20.000

M = Compound was manually integrated.

* = Compound is an internal standard.

Quant Report

Target Revision 3.5

Data File: /chem/HP09915.i/07nov29d.b/ln29i10.d Instrument ID: HP09915.i
Injection date and time: 29-NOV-2007 21:45 Analyst ID: LCM01518

Method used: /chem/HP09915.i/07nov29d.b/L8260W.m Sublist used: 8260WI
Calibration date and time: 29-NOV-2007 21:45
Date, time and analyst ID of latest file update: 29-Nov-2007 22:26 lcm01518

Sample Name: VSTD020 Lab Sample ID: VSTD020

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
48) Tetrahydrofuran	(4)	6.350	71	38656	40.000
49) Chloroform	(1)	6.408	83	205940	20.000
54) 1,1,1-Trichloroethane	(1)	6.671	97	172466	20.000
55) Cyclohexane	(1)	6.761	56	222943	20.000
57) Cyclohexane (mz 84)	(1)	6.758	84	186707	20.000
56) Cyclohexane (mz 69)	(1)	6.761	69	68636	20.000
58) 1,1-Dichloropropene	(1)	6.896	75	169648	20.000
59) Carbon Tetrachloride	(1)	6.909	117	152464	20.000
60) Isobutyl Alcohol	(4)	7.064	41	178996	500.000
64) Benzene	(1)	7.179	78	502584	20.000
65) 1,2-Dichloroethane	(1)	7.192	62	169398	20.000
66) 1,2-Dichloroethane (mz 98)	(1)	7.189	98	14481	20.000
68) t-Amyl Methyl Ether	(1)	7.343	73	314256	20.000
70) n-Heptane	(1)	7.568	43	187798	20.000
71) *Fluorobenzene	(1)	7.555	96	1278233	50.000
73) n-Butanol	(4)	7.954	56	305695	1000.000
74) Trichloroethene	(1)	8.047	95	128900	20.000
77) 1,2-Dichloropropane	(1)	8.330	63	133565	20.000
76) Methylcyclohexane (mz98)	(1)	8.314	98	88436	20.000
75) Methylcyclohexane	(1)	8.308	83	207139	20.000
80) Methyl Methacrylate	(1)	8.498	69	120388	20.000
79) Dibromomethane	(1)	8.485	93	85736	20.000
81) 1,4-Dioxane	(4)	8.510	88	43189	500.000
82) Bromodichloromethane	(1)	8.697	83	151736	20.000
83) 2-Nitropropane	(1)	8.983	41	63277	40.000
84) 2-Chloroethyl Vinyl Ether	(1)	9.092	63	87923	20.000
85) cis-1,3-Dichloropropene	(1)	9.272	75	195154	20.000
87) 4-Methyl-2-Pentanone	(1)	9.462	43	286756	40.000
90) Toluene	(2)	9.674	92	307716	20.000
91) trans-1,3-Dichloropropene	(2)	9.912	75	182763	20.000
92) Ethyl Methacrylate	(2)	10.022	69	179468	20.000
93) 1,1,2-Trichloroethane	(2)	10.108	97	121101	20.000
94) Tetrachloroethene	(2)	10.269	166	132521	20.000
95) 1,3-Dichloropropane	(2)	10.279	76	208162	20.000

* = Compound is an internal standard.

Quant Report

Target Revision 3.5

Data File: /chem/HP09915.i/07nov29d.b/ln29i10.d Instrument ID: HP09915.i
Injection date and time: 29-NOV-2007 21:45 Analyst ID: LCM01518

Method used: /chem/HP09915.i/07nov29d.b/L8260W.m Sublist used: 8260WI
Calibration date and time: 29-NOV-2007 21:45
Date, time and analyst ID of latest file update: 29-Nov-2007 22:26 lcm01518

Sample Name: VSTD020 Lab Sample ID: VSTD020

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
96) 2-Hexanone	(2)	10.369	43	211789	40.000
98) Dibromochloromethane	(2)	10.507	129	128768	20.000
100) 1,2-Dibromoethane	(2)	10.620	107	130516	20.000
101) *Chlorobenzene-d5	(2)	11.057	117	925595	50.000
102) Chlorobenzene	(2)	11.086	112	356399	20.000
103) 1,1,1,2-Tetrachloroethane	(2)	11.160	131	118566	20.000
104) Ethylbenzene	(2)	11.186	91	596880	20.000
105) m+p-Xylene	(2)	11.288	106	234073	20.000
106) Xylene (Total)	(2)		106	459328	40.000
107) o-Xylene	(2)	11.629	106	225255	20.000
108) Styrene	(2)	11.639	104	368698	20.000
109) Bromoform	(2)	11.793	173	93006	20.000
111) Isopropylbenzene	(2)	11.931	105	567091	20.000
115) Cyclohexanone	(4)	12.005	55	149706	500.000
116) 1,1,2,2-Tetrachloroethane	(3)	12.160	83	209854	20.000
118) trans-1,4-Dichloro-2-Butene	(3)	12.202	53	315425	100.000
117) Bromobenzene	(3)	12.182	156	154227	20.000
119) 1,2,3-Trichloropropane	(3)	12.198	110	58360	20.000
120) n-Propylbenzene	(3)	12.256	120	170504	20.000
122) 2-Chlorotoluene	(3)	12.330	126	145686	20.000
123) 1,3,5-Trimethylbenzene	(3)	12.388	120	248665	20.000
125) 4-Chlorotoluene	(3)	12.411	126	152586	20.000
126) tert-Butylbenzene	(3)	12.642	134	107975	20.000
127) Pentachloroethane	(3)	12.661	167	89052	20.000
128) 1,2,4-Trimethylbenzene	(3)	12.674	105	536419	20.000
129) sec-Butylbenzene	(3)	12.803	134	129901	20.000
130) p-Isopropyltoluene	(3)	12.903	134	150379	20.000
131) 1,3-Dichlorobenzene	(3)	12.893	146	296440	20.000
132) *1,4-Dichlorobenzene-d4	(3)	12.938	152	528236	50.000
133) 1,4-Dichlorobenzene	(3)	12.957	146	308853	20.000
134) 1,2,3-Trimethylbenzene	(3)	12.986	120	220113	20.000
135) Benzyl Chloride	(3)	13.047	91	369095	20.000
136) 1,3-Diethylbenzene	(3)	13.115	119	320876	20.000
137) 1,4-Diethylbenzene	(3)	13.176	119	340336	20.000

* = Compound is an internal standard.

Quant Report

Target Revision 3.5

Data File: /chem/HP09915.i/07nov29d.b/ln29i10.d Instrument ID: HP09915.i
Injection date and time: 29-NOV-2007 21:45 Analyst ID: LCM01518

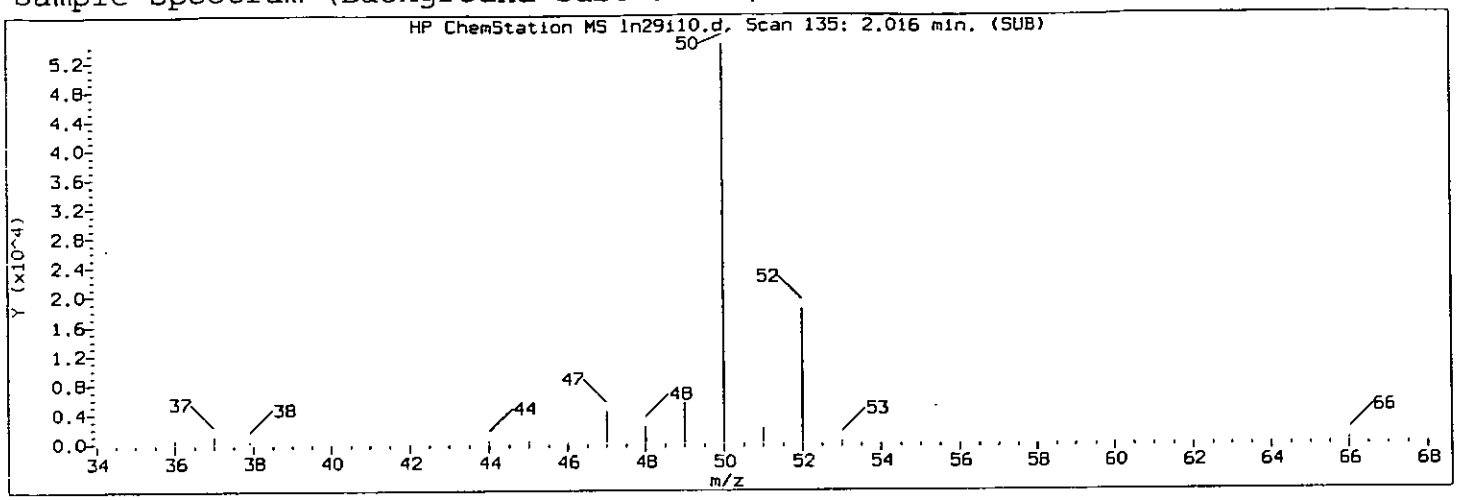
Method used: /chem/HP09915.i/07nov29d.b/L8260W.m Sublist used: 8260WI
Calibration date and time: 29-NOV-2007 21:45
Date, time and analyst ID of latest file update: 29-Nov-2007 22:26 lcm01518

Sample Name: VSTD020 Lab Sample ID: VSTD020

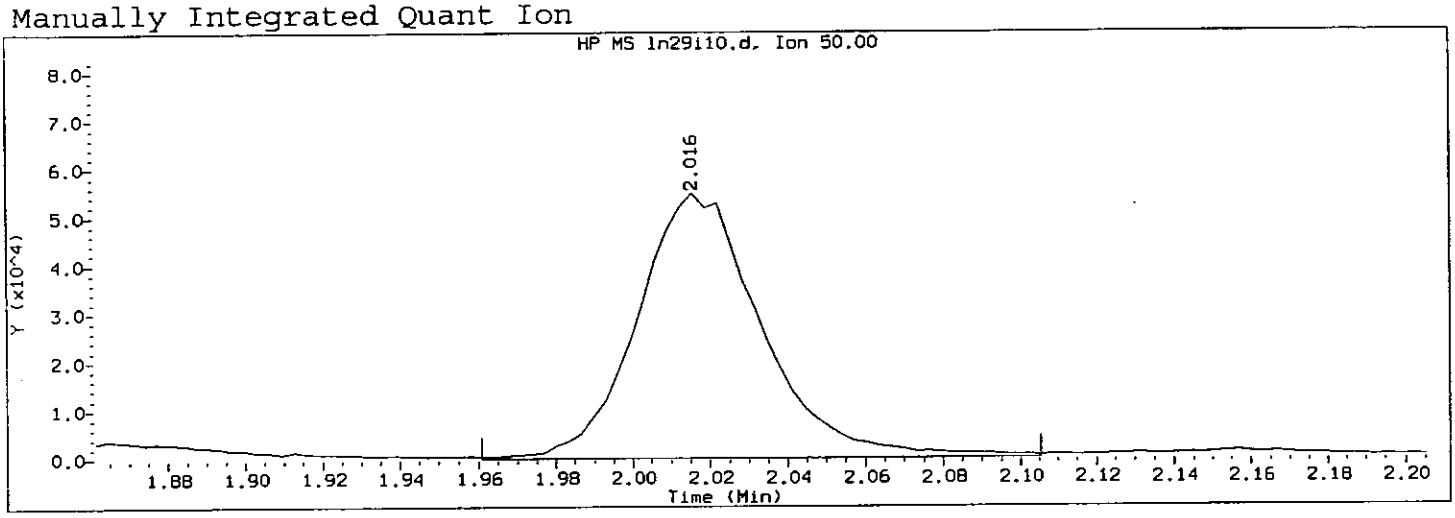
Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
138) n-Butylbenzene	(3)	13.195	92	290046	20.000
139) 1,2-Dichlorobenzene	(3)	13.227	146	286269	20.000
140) 1,2-Diethylbenzene	(3)	13.263	119	268289	20.000
141) 1,2-Dibromo-3-Chloropropane	(3)	13.764	75	43017	20.000
142) 1,2,4-Trichlorobenzene	(3)	14.324	180	204575	20.000
143) Hexachlorobutadiene	(3)	14.423	225	96019	20.000
144) Naphthalene	(3)	14.494	128	640911	20.000
145) 1,2,3-Trichlorobenzene	(3)	14.648	180	203013	20.000
146) 2-Methylnaphthalene	(3)	15.243	142	290891	20.000
51) $Dibromofluoromethane	(1)	6.629	113	100937	20.000
52) $Dibromofluoromethane(mz111)	(1)	6.626	111	103933	20.000
62) $1,2-Dichloroethane-d4	(1)	7.086	102	24165	20.000
63) $1,2-Dichloroethane-d4(mz65)	(1)	7.089	65	121433	20.000
61) $1,2-Dichloroethane-d4(mz104)	(1)	7.092	104	15099	20.000
89) $Toluene-d8	(2)	9.597	98	402127	20.000
88) $Toluene-d8(mz100)	(2)	9.597	100	250423	20.000
113) $4-Bromofluorobenzene	(2)	12.057	95	163938	20.000
112) $4-Bromofluorobenzene(mz174)	(2)	12.057	174	129613	20.000

$ = Compound is a surrogate standard.

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP09915.i/07nov29d.b/ln29i10.d Instrument ID: HP09915.i
Injection date and time: 29-NOV-2007 21:45 Analyst ID: LCM01518

Method used: /chem/HP09915.i/07nov29d.b/L8260W.m Sublist used: 8260WI
Calibration date and time: 29-NOV-2007 22:26
Date, time and analyst ID of latest file update: 29-Nov-2007 22:26 lcm01518

Sample Name: VSTD020 Lab Sample ID: VSTD020

Compound Number : 2
Compound Name : Chloromethane
Scan Number : 135
Retention Time (minutes): 2.016
Quant Ion : 50
Area (flag) : 122055 M
Concentration (ug/L) : 20.0000
Integration start scan : 117 Integration stop scan: 162
Y at integration start : 0 Y at integration end: 0

Reason for manual integration (circle one): missed peak improper integration

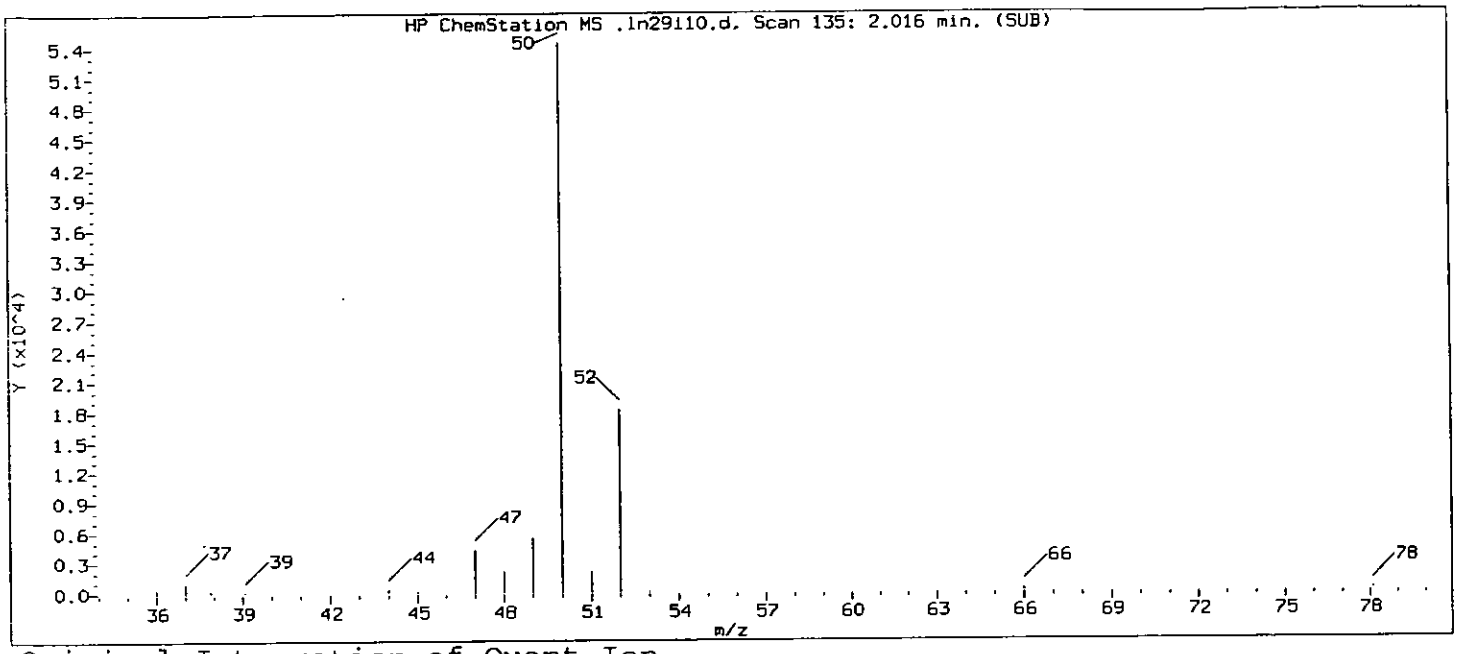
Analyst responsible for change: _____ 11/30/07

0186

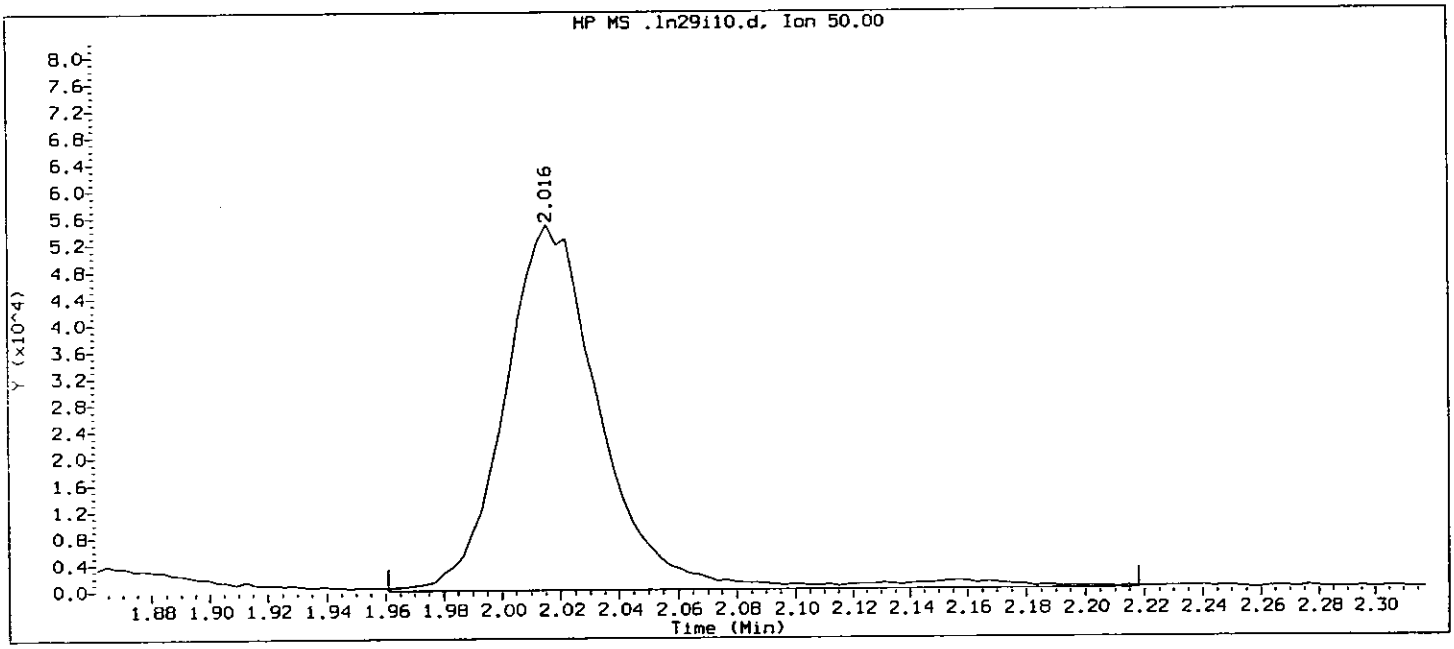
GC/MS audit/management approval: _____ 12/3/07

Manual Integration Report for data file /chem/HP09915.i/07nov29d.b/ln29i10.d, generated on 11/29/2007 at 22:26

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP09915.i/07nov29d.b/ln29i10.d Instrument ID: HP09915.i
Injection date and time: 29-NOV-2007 21:45 Analyst ID: LCM01518

Method used: /chem/HP09915.i/07nov29d.b/L8260W.m Sublist used: 8260WI
Calibration date and time: 29-NOV-2007 22:02
Date, time and analyst ID of latest file update: 29-Nov-2007 22:02 Automation

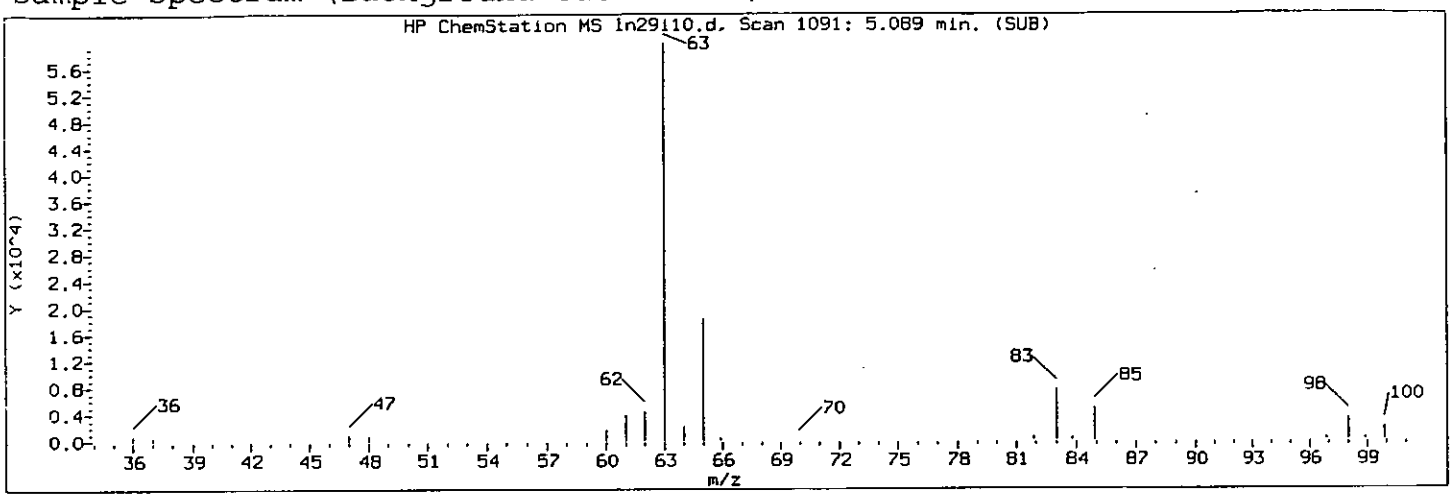
Sample Name: VSTD020 Lab Sample ID: VSTD020

Compound Number : 2
Compound Name : Chloromethane
Scan Number : 135
Retention Time (minutes): 2.016
Quant Ion : 50
Area : 126435
Concentration (ug/L) : 20.0730
Integration start scan : 117 Integration stop scan: 197
Y at integration start : 0 Y at integration end: 0

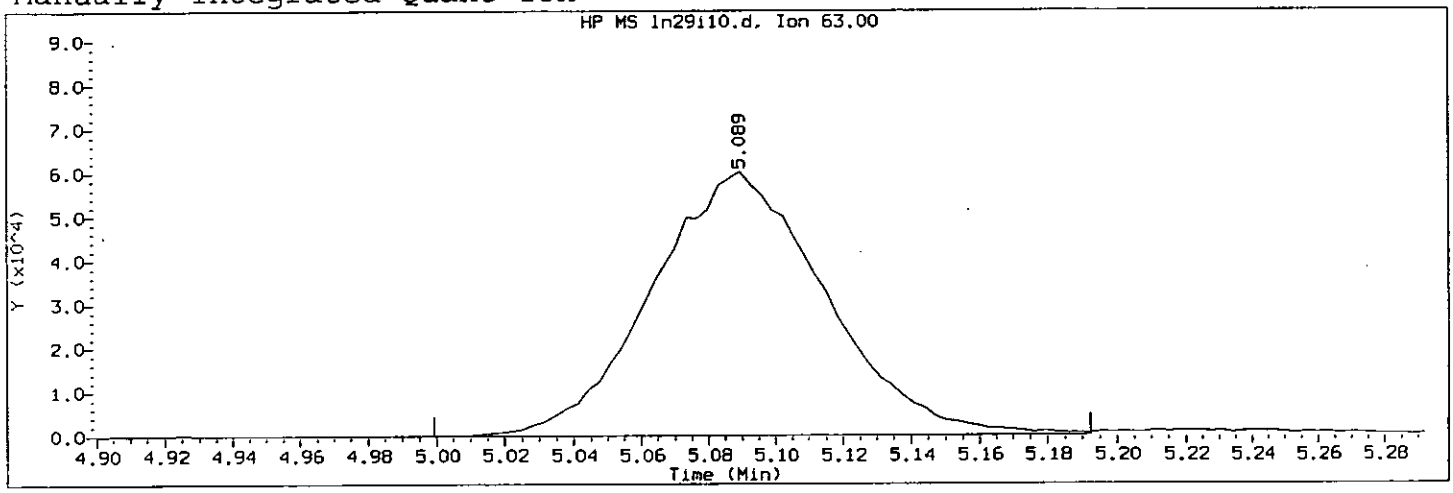
0187

Original Integration Report for data file /chem/HP09915.i/07nov29d.b/ln29i10.d, generated on 11/29/2007 at 22:26

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP09915.i/07nov29d.b/ln29i10.d Instrument ID: HP09915.i
Injection date and time: 29-NOV-2007 21:45 Analyst ID: LCM01518

Method used: /chem/HP09915.i/07nov29d.b/L8260W.m Sublist used: 8260WI
Calibration date and time: 29-NOV-2007 22:26
Date, time and analyst ID of latest file update: 29-Nov-2007 22:26 lcm01518

Sample Name: VSTD020 Lab Sample ID: VSTD020

Compound Number : 36
Compound Name : 1,1-Dichloroethane
Scan Number : 1091
Retention Time (minutes): 5.089
Quant Ion : 63
Area (flag) : 214669 M
Concentration (ug/L) : 20.0000
Integration start scan : 1062 Integration stop scan: 1122
Y at integration start : 0 Y at integration end: 0

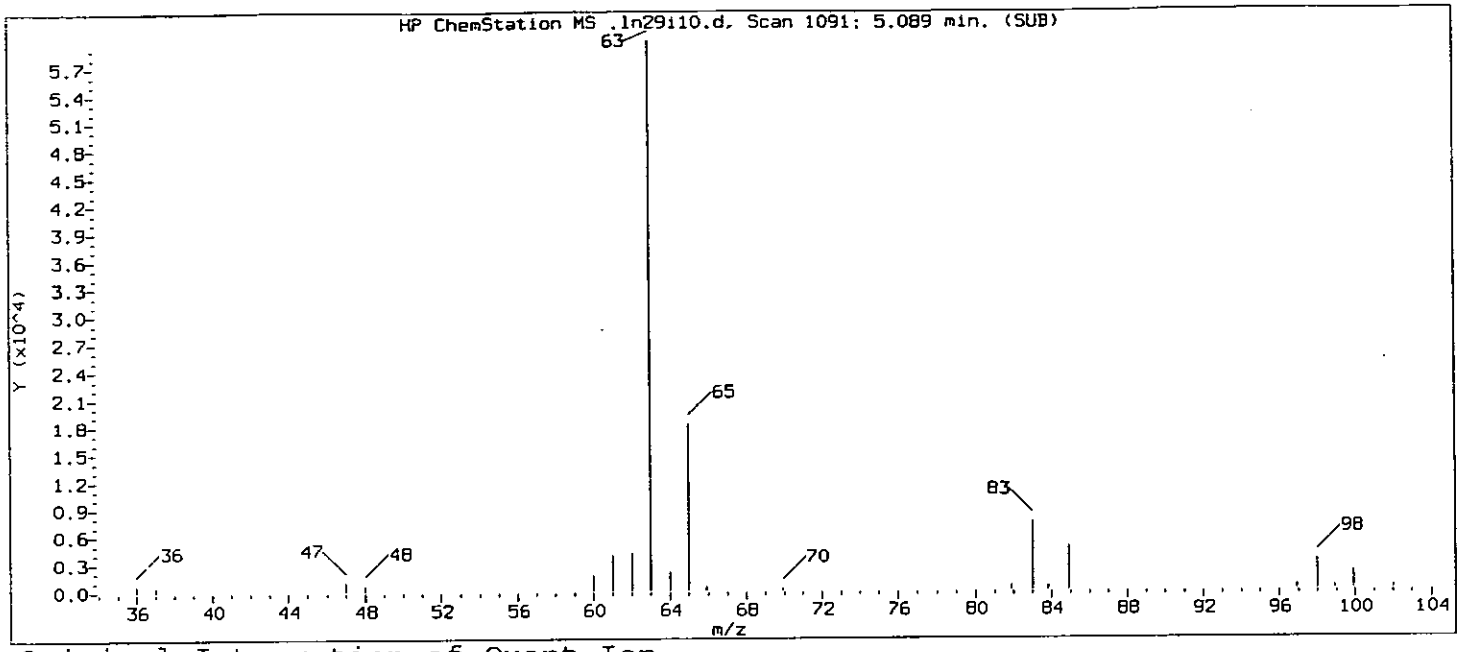
Reason for manual integration (circle one): missed peak improper integration

Analyst responsible for change: _____ 12/3/07

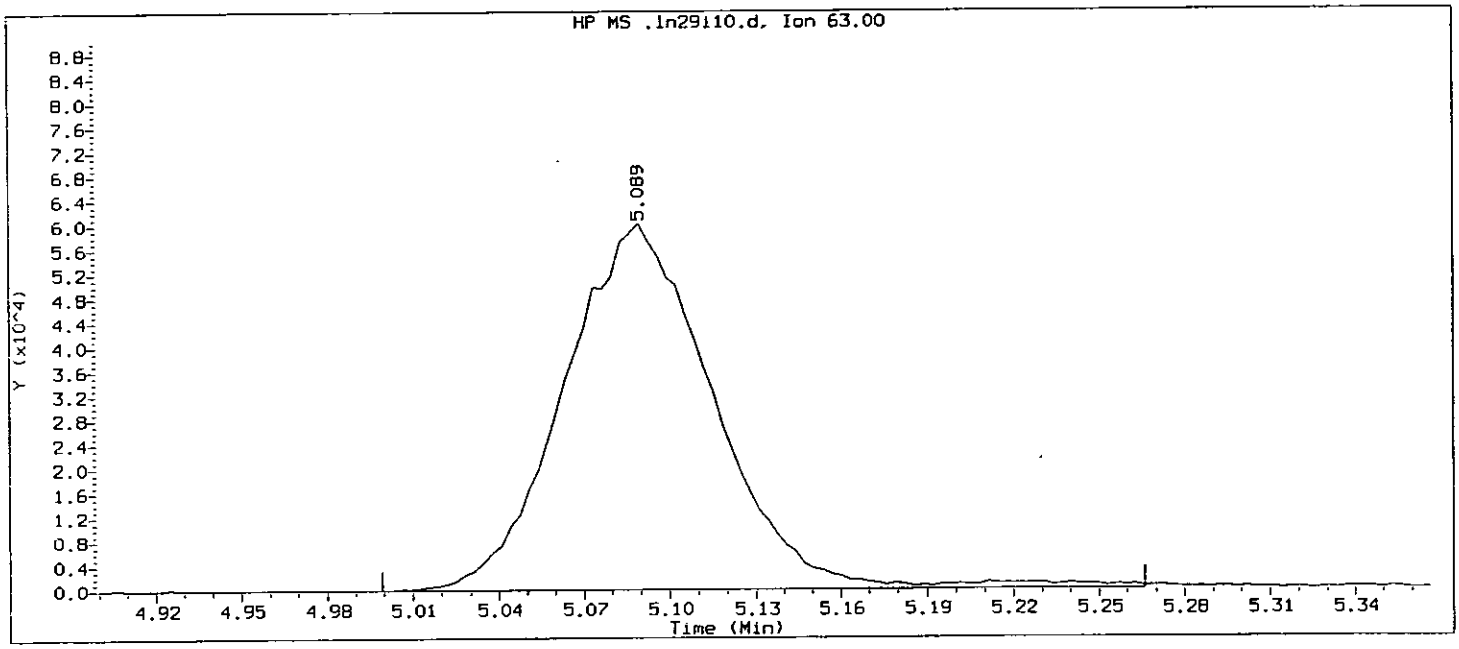
2188

GC/MS audit/management approval: _____ 12/3/07

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP09915.i/07nov29d.b/ln29i10.d Instrument ID: HP09915.i
Injection date and time: 29-NOV-2007 21:45 Analyst ID: LCM01518

Method used: /chem/HP09915.i/07nov29d.b/L8260W.m Sublist used: 8260WI
Calibration date and time: 29-NOV-2007 22:02
Date, time and analyst ID of latest file update: 29-Nov-2007 22:02 Automation

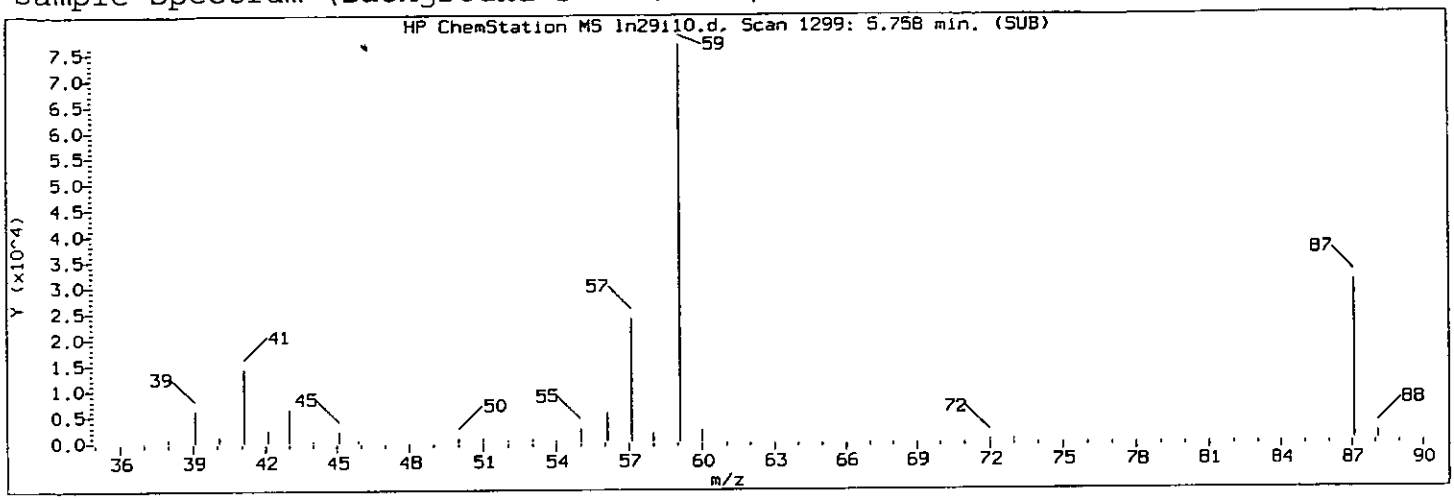
Sample Name: VSTD020 Lab Sample ID: VSTD020

Compound Number : 36
Compound Name : 1,1-Dichloroethane
Scan Number : 1091
Retention Time (minutes): 5.089
Quant Ion : 63
Area : 218185
Concentration (ug/L) : 20.1546
Integration start scan : 1062 Integration stop scan: 1145
Y at integration start : 0 Y at integration end: 0

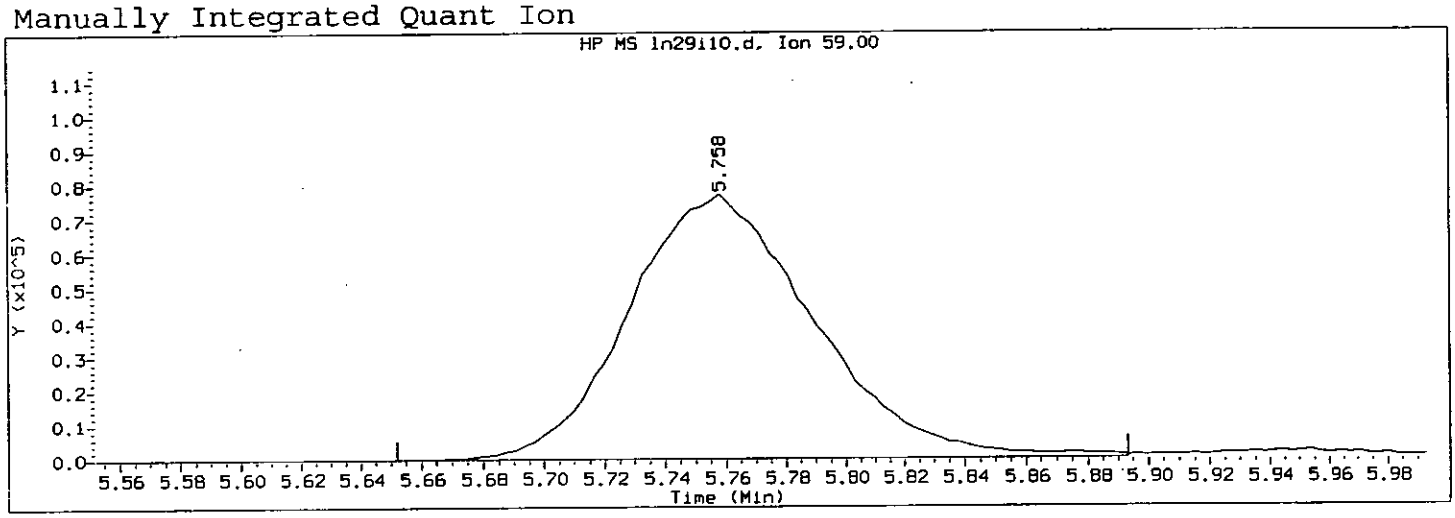
0189

Original Integration Report for data file /chem/HP09915.i/07nov29d.b/ln29i10.d, generated on 11/29/2007 at 22:26

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP09915.i/07nov29d.b/ln29i10.d Instrument ID: HP09915.i
Injection date and time: 29-NOV-2007 21:45 Analyst ID: LCM01518

Method used: /chem/HP09915.i/07nov29d.b/L8260W.m Sublist used: 8260WI
Calibration date and time: 29-NOV-2007 22:26
Date, time and analyst ID of latest file update: 29-Nov-2007 22:26 lcm01518

Sample Name: VSTD020 Lab Sample ID: VSTD020

Compound Number : 41
Compound Name : Ethyl t-Butyl Ether
Scan Number : 1299
Retention Time (minutes): 5.758
Quant Ion : 59
Area (flag) : 327532 M
Concentration (ug/L) : 20.0000
Integration start scan : 1265 Integration stop scan: 1340
Y at integration start : 0 Y at integration end: 0

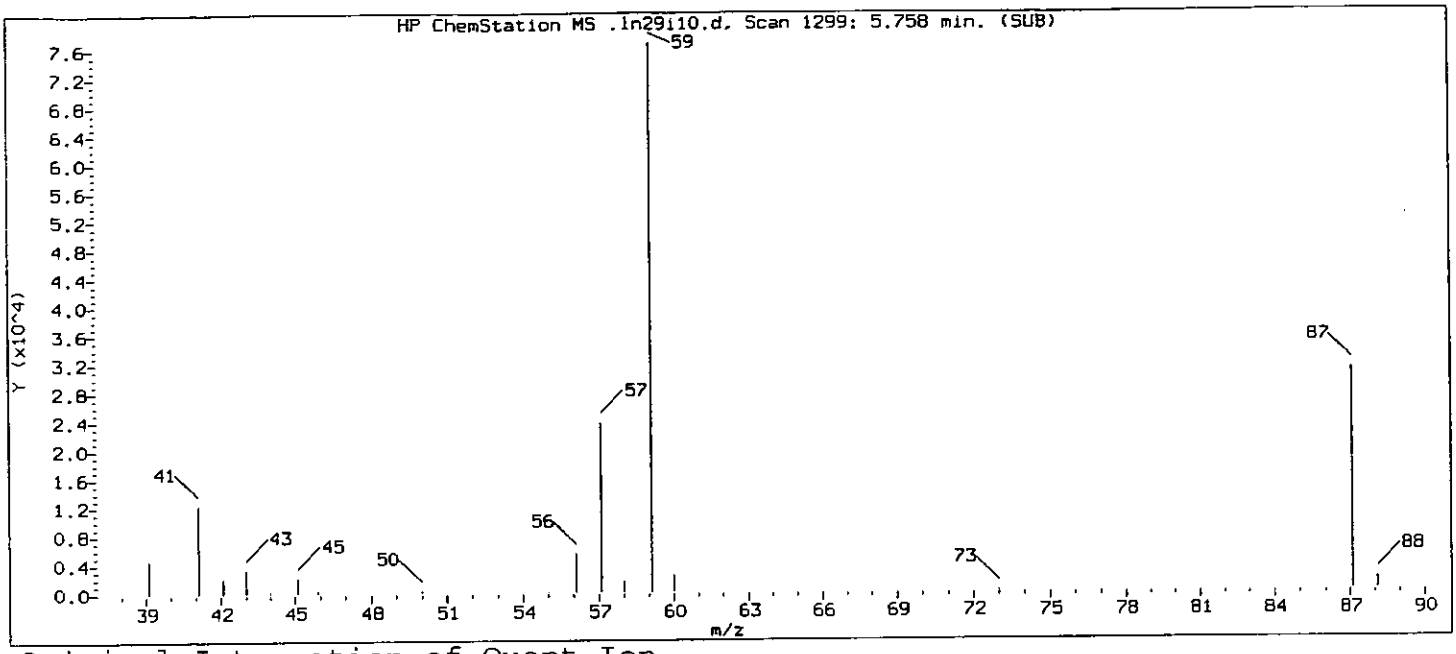
Reason for manual integration (circle one): missed peak improper integration

Analyst responsible for change: _____ 8190

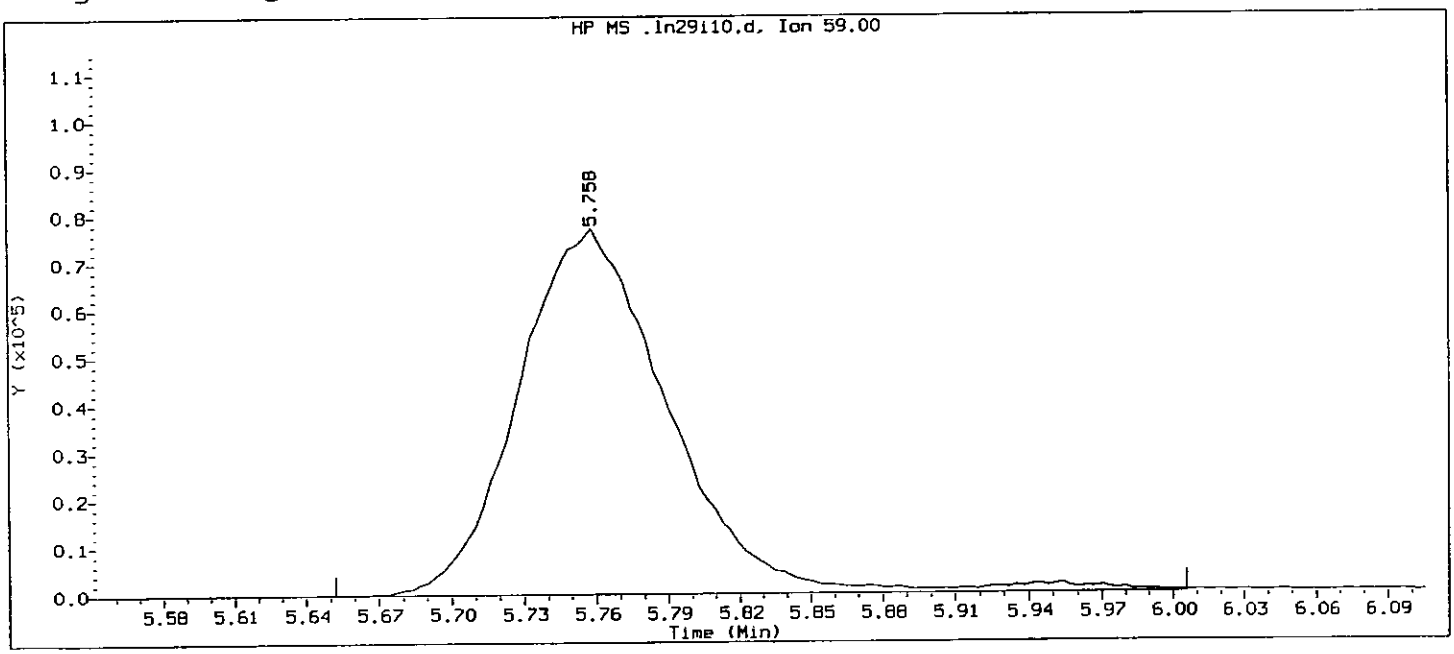
GC/MS audit/management approval: _____ 12/3/07

Manual Integration Report for data file /chem/HP09915.i/07nov29d.b/ln29i10.d, generated on 11/29/2007 at 22:26

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP09915.i/07nov29d.b/ln29i10.d Instrument ID: HP09915.i
Injection date and time: 29-NOV-2007 21:45 Analyst ID: LCM01518

Method used: /chem/HP09915.i/07nov29d.b/L8260W.m Sublist used: 8260WI
Calibration date and time: 29-NOV-2007 22:02
Date, time and analyst ID of latest file update: 29-Nov-2007 22:02 Automation

Sample Name: VSTD020 Lab Sample ID: VSTD020

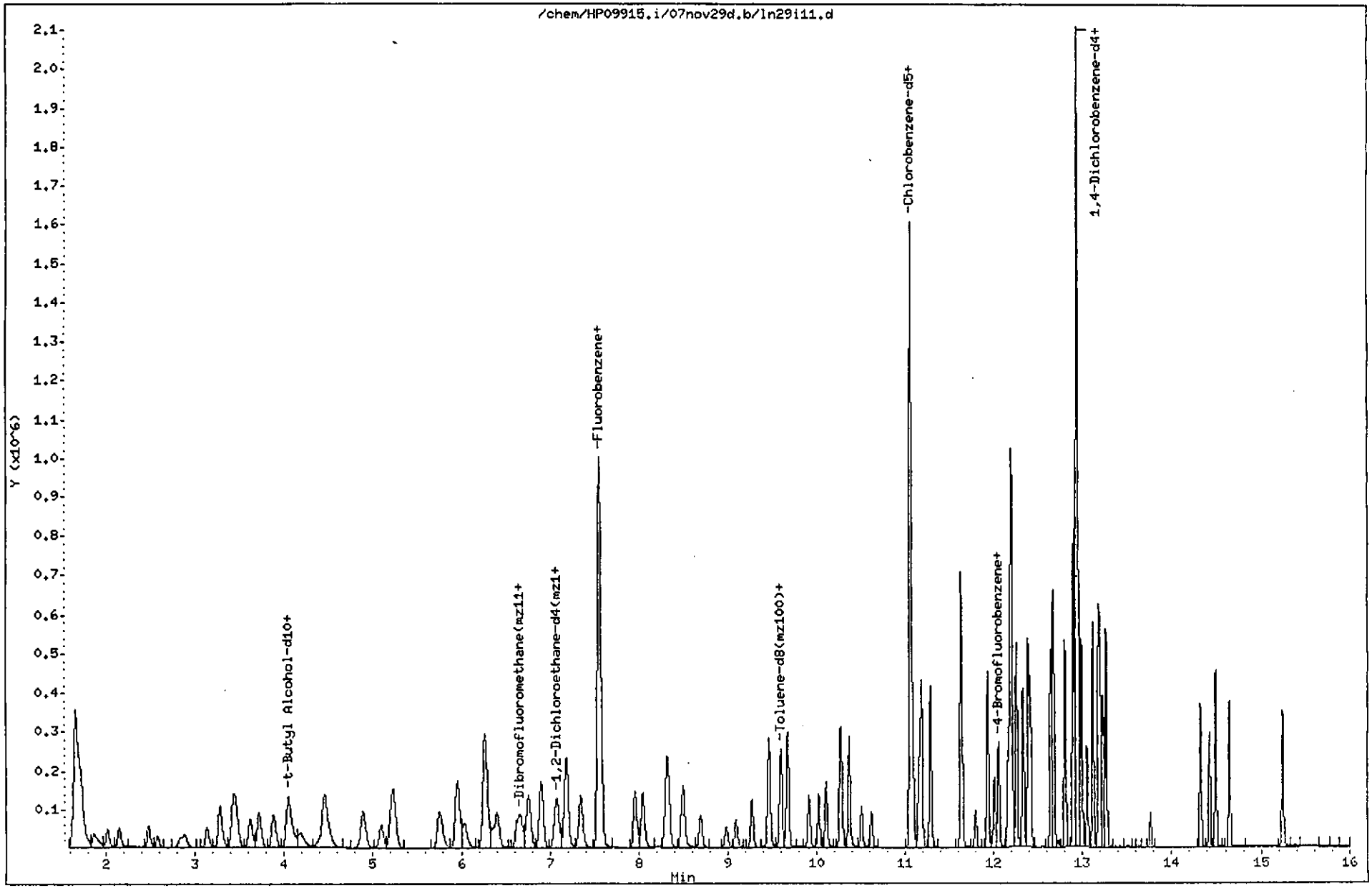
Compound Number : 41
Compound Name : Ethyl t-Butyl Ether
Scan Number : 1299
Retention Time (minutes): 5.758
Quant Ion : 59
Area : 334716
Concentration (ug/L) : 20.3384
Integration start scan : 1265 Integration stop scan: 1375
Y at integration start : 0 Y at integration end: 0

8191

Original Integration Report for data file /chem/HP09915.i/07nov29d.b/ln29i10.d, generated on 11/29/2007 at 22:26

Data File: /chem/HP09915.i/07nov29d.b/ln29i11.d
Date : 29-NOV-2007 22:07
Client ID: VSTD010
Sample Info: VSTD010;VSTD010;1;1;;;
Purge Volume: 5.0
Column phase: DB-624

Instrument: HP09915.i
Operator: LCH01518
Column diameter: 0.25



Quant Report

Target Revision 3.5

Data File: /chem/HP09915.i/07nov29d.b/ln29i11.d Instrument ID: HP09915.i
Injection date and time: 29-NOV-2007 22:07 Analyst ID: LCM01518

Method used: /chem/HP09915.i/07nov29d.b/L8260W.m Sublist used: 8260WI
Calibration date and time: 29-NOV-2007 21:45
Date, time and analyst ID of latest file update: 29-Nov-2007 22:27 lcm01518

Sample Name: VSTD010 Lab Sample ID: VSTD010

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
1) Dichlorodifluoromethane	(1)	1.864	85	71244	10.217
2) Chloromethane	(1)	2.015	50	61073M	10.263
3) Vinyl Chloride	(1)	2.150	62	66343	10.296
6) Bromomethane	(1)	2.478	94	50114	10.406
7) Chloroethane	(1)	2.575	64	35718	10.342
8) Trichlorofluoromethane	(1)	2.887	101	85736	10.214
10) Ethyl Ether	(1)	3.134	59	47455	10.507
15) Acrolein	(4)	3.282	56	171364	111.565
16) 1,1-Dichloroethene	(1)	3.420	96	57701	10.458
17) Freon 113	(1)	3.456	101	70597	10.599
18) Acetone	(1)	3.459	43	46123	23.353
20) Methyl Iodide	(1)	3.623	142	108720	10.193
21) 2-Propanol	(4)	3.626	45	57193	97.743
22) Carbon Disulfide	(1)	3.720	76	222433	10.263
23) Allyl Chloride	(1)	3.883	41	77958	10.395
25) Methyl Acetate	(1)	3.890	43	55057	10.565
26) Methylene Chloride	(1)	4.044	84	67966	10.397
27) *t-Butyl Alcohol-d10	(4)	4.070	65	197171	250.000
28) t-Butyl Alcohol	(4)	4.186	59	91310	98.161
29) Acrylonitrile	(1)	4.382	53	30940	10.539
30) trans-1,2-Dichloroethene	(1)	4.456	96	64401	10.355
31) Methyl Tertiary Butyl Ether	(1)	4.469	73	178560	10.155
33) n-Hexane	(1)	4.890	57	98310	10.190
40) 1,2-Dichloroethene (total)	(1)		96	129232	20.647
36) 1,1-Dichloroethane	(1)	5.096	63	107562M	10.270
37) di-Isopropyl Ether	(1)	5.218	45	178711	10.214
39) 2-Chloro-1,3-Butadiene	(1)	5.237	53	78204	10.161
41) Ethyl t-Butyl Ether	(1)	5.755	59	158661	10.101
42) cis-1,2-Dichloroethene	(1)	5.951	96	64831	10.292
43) 2-Butanone	(1)	5.957	43	83453	22.528
44) 2,2-Dichloropropane	(1)	5.964	77	76201	10.227
45) Propionitrile	(4)	6.038	54	124870	99.688
46) Methacrylonitrile	(1)	6.263	67	173728	50.654
47) Bromochloromethane	(1)	6.285	128	31933	10.597

M = Compound was manually integrated.

* = Compound is an internal standard.

Quant Report

Target Revision 3.5

Data File: /chem/HP09915.i/07nov29d.b/ln29i11.d Instrument ID: HP09915.i
Injection date and time: 29-NOV-2007 22:07 Analyst ID: LCM01518

Method used: /chem/HP09915.i/07nov29d.b/L8260W.m Sublist used: 8260WI
Calibration date and time: 29-NOV-2007 21:45
Date, time and analyst ID of latest file update: 29-Nov-2007 22:27 lcm01518

Sample Name: VSTD010 Lab Sample ID: VSTD010

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
48) Tetrahydrofuran	(4)	6.362	71	21591	21.472
49) Chloroform	(1)	6.407	83	105235	10.368
54) 1,1,1-Trichloroethane	(1)	6.674	97	86152	10.254
55) Cyclohexane	(1)	6.758	56	111070	10.241
57) Cyclohexane (mz 84)	(1)	6.761	84	94914	10.342
56) Cyclohexane (mz 69)	(1)	6.761	69	34940	10.349
58) 1,1-Dichloropropene	(1)	6.903	75	83946	10.207
59) Carbon Tetrachloride	(1)	6.906	117	75188	10.190
60) Isobutyl Alcohol	(4)	7.070	41	82348	244.187
64) Benzene	(1)	7.179	78	256199	10.356
65) 1,2-Dichloroethane	(1)	7.195	62	85087	10.282
66) 1,2-Dichloroethane (mz 98)	(1)	7.195	98	7424	10.384
68) t-Amyl Methyl Ether	(1)	7.350	73	152683	10.116
70) n-Heptane	(1)	7.562	43	97332	10.438
71) *Fluorobenzene	(1)	7.555	96	1213682	50.000
73) n-Butanol	(4)	7.957	56	139484	486.317
74) Trichloroethene	(1)	8.044	95	64945	10.297
77) 1,2-Dichloropropane	(1)	8.337	63	66437	10.233
76) Methylcyclohexane (mz98)	(1)	8.311	98	45632	10.416
75) Methylcyclohexane	(1)	8.314	83	105535	10.353
80) Methyl Methacrylate	(1)	8.504	69	55071	9.814
79) Dibromomethane	(1)	8.485	93	42017	10.159
81) 1,4-Dioxane	(4)	8.517	88	22982	262.367
82) Bromodichloromethane	(1)	8.694	83	72774	10.051
83) 2-Nitropropane	(1)	8.986	41	45327	24.056
84) 2-Chloroethyl Vinyl Ether	(1)	9.092	63	41857	10.014
85) cis-1,3-Dichloropropene	(1)	9.272	75	93964	10.070
87) 4-Methyl-2-Pentanone	(1)	9.465	43	230770	25.158
90) Toluene	(2)	9.677	92	154206	10.277
91) trans-1,3-Dichloropropene	(2)	9.915	75	84871	9.897
92) Ethyl Methacrylate	(2)	10.021	69	79834	9.682
93) 1,1,2-Trichloroethane	(2)	10.105	97	58376	10.083
94) Tetrachloroethene	(2)	10.266	166	65328	10.195
95) 1,3-Dichloropropane	(2)	10.282	76	101353	10.133

* = Compound is an internal standard.

Quant Report

Target Revision 3.5

Data File: /chem/HP09915.i/07nov29d.b/ln29i11.d Instrument ID: HP09915.i
Injection date and time: 29-NOV-2007 22:07 Analyst ID: LCM01518

Method used: /chem/HP09915.i/07nov29d.b/L8260W.m Sublist used: 8260WI
Calibration date and time: 29-NOV-2007 21:45
Date, time and analyst ID of latest file update: 29-Nov-2007 22:27 lcm01518

Sample Name: VSTD010 Lab Sample ID: VSTD010

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
96) 2-Hexanone	(2)	10.366	43	187312	26.041
98) Dibromochloromethane	(2)	10.507	129	58307	9.771
100) 1,2-Dibromoethane	(2)	10.620	107	62809	10.075
101) *Chlorobenzene-d5	(2)	11.060	117	877595	50.000
102) Chlorobenzene	(2)	11.086	112	177600	10.249
103) 1,1,1,2-Tetrachloroethane	(2)	11.160	131	56978	10.068
104) Ethylbenzene	(2)	11.185	91	293929	10.190
105) m+p-Xylene	(2)	11.288	106	114767	10.168
106) Xylene (Total)	(2)		106	223807	20.273
107) o-Xylene	(2)	11.629	106	109040	10.104
108) Styrene	(2)	11.639	104	175511	10.021
109) Bromoform	(2)	11.796	173	41263	9.669
111) Isopropylbenzene	(2)	11.931	105	275906	10.130
115) Cyclohexanone	(4)	12.005	55	79369	261.907
116) 1,1,2,2-Tetrachloroethane	(3)	12.160	83	99395	10.054
118) trans-1,4-Dichloro-2-Butene	(3)	12.201	53	146992	49.866
117) Bromobenzene	(3)	12.182	156	73957	10.116
119) 1,2,3-Trichloropropane	(3)	12.195	110	26867	9.912
120) n-Propylbenzene	(3)	12.256	120	84728	10.294
122) 2-Chlorotoluene	(3)	12.330	126	71851	10.257
123) 1,3,5-Trimethylbenzene	(3)	12.388	120	122577	10.254
125) 4-Chlorotoluene	(3)	12.414	126	75646	10.282
126) tert-Butylbenzene	(3)	12.639	134	52205	10.157
127) Pentachloroethane	(3)	12.661	167	45968	10.484
128) 1,2,4-Trimethylbenzene	(3)	12.674	105	264735	10.260
129) sec-Butylbenzene	(3)	12.803	134	63027	10.175
130) p-Isopropyltoluene	(3)	12.902	134	72684	10.156
131) 1,3-Dichlorobenzene	(3)	12.893	146	147254	10.292
132) *1,4-Dichlorobenzene-d4	(3)	12.938	152	494979	50.000
133) 1,4-Dichlorobenzene	(3)	12.954	146	154440	10.325
134) 1,2,3-Trimethylbenzene	(3)	12.986	120	113995	10.501
135) Benzyl Chloride	(3)	13.047	91	164718	9.757
136) 1,3-Diethylbenzene	(3)	13.115	119	164905	10.462
137) 1,4-Diethylbenzene	(3)	13.176	119	176890	10.518

* = Compound is an internal standard.

Quant Report

Target Revision 3.5

Data File: /chem/HP09915.i/07nov29d.b/ln29i11.d Instrument ID: HP09915.i
Injection date and time: 29-NOV-2007 22:07 Analyst ID: LCM01518

Method used: /chem/HP09915.i/07nov29d.b/L8260W.m Sublist used: 8260WI
Calibration date and time: 29-NOV-2007 21:45
Date, time and analyst ID of latest file update: 29-Nov-2007 22:27 lcm01518

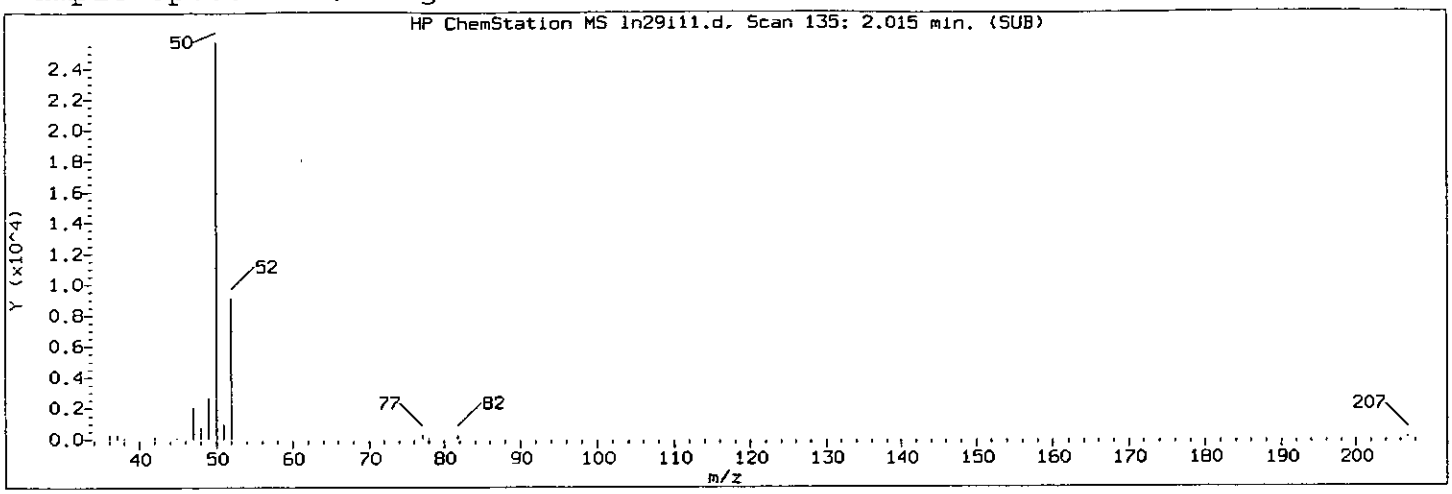
Sample Name: VSTD010 Lab Sample ID: VSTD010

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
138) n-Butylbenzene	(3)	13.195	92	144983	10.324
139) 1,2-Dichlorobenzene	(3)	13.227	146	143874	10.351
140) 1,2-Diethylbenzene	(3)	13.263	119	141009	10.574
141) 1,2-Dibromo-3-Chloropropane	(3)	13.764	75	20071	9.979
142) 1,2,4-Trichlorobenzene	(3)	14.320	180	101700	10.296
143) Hexachlorobutadiene	(3)	14.423	225	48352	10.361
144) Naphthalene	(3)	14.494	128	307938	10.126
145) 1,2,3-Trichlorobenzene	(3)	14.648	180	102357	10.367
146) 2-Methylnaphthalene	(3)	15.243	142	152761	10.570
51)$Dibromofluoromethane	(1)	6.629	113	55338	10.718
52)$Dibromofluoromethane(mz111)	(1)	6.629	111	56514	10.678
62)$1,2-Dichloroethane-d4	(1)	7.092	102	13473	10.802
63)$1,2-Dichloroethane-d4(mz65)	(1)	7.092	65	66337M	10.701
61)$1,2-Dichloroethane-d4(mz104)	(1)	7.089	104	8484	10.841
89)$Toluene-d8	(2)	9.597	98	219159	10.696
88)$Toluene-d8(mz100)	(2)	9.600	100	134817	10.635
113)$4-Bromofluorobenzene	(2)	12.057	95	87146	10.572
112)$4-Bromofluorobenzene(mz174)	(2)	12.057	174	68974	10.577

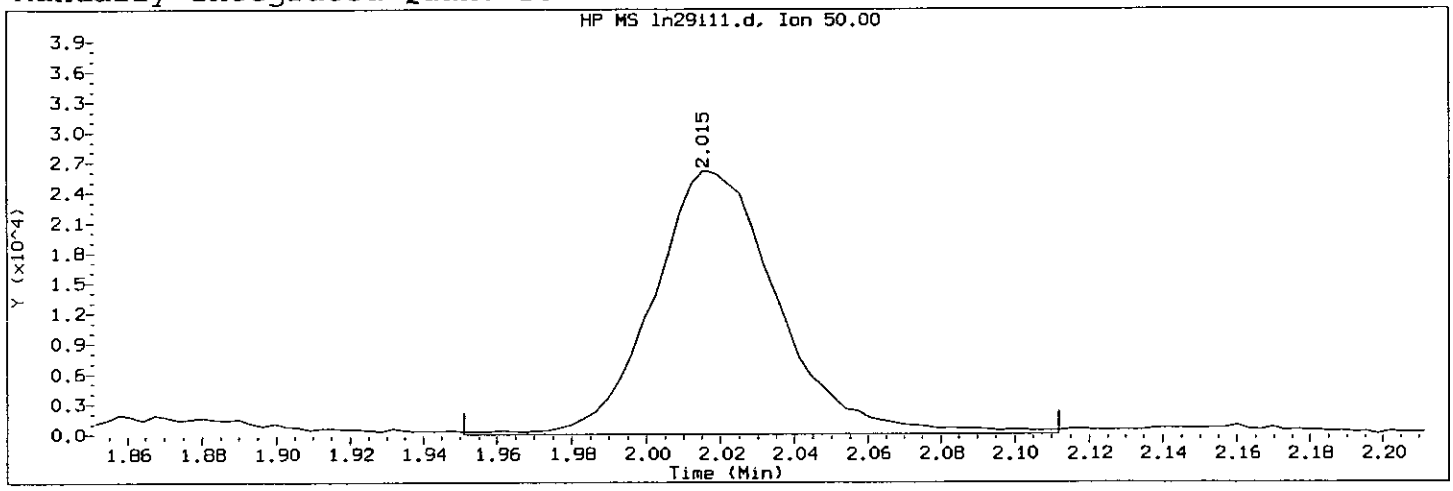
M = Compound was manually integrated.

$ = Compound is a surrogate standard.

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP09915.i/07nov29d.b/ln29i11.d Instrument ID: HP09915.i
Injection date and time: 29-NOV-2007 22:07 Analyst ID: LCM01518

Method used: /chem/HP09915.i/07nov29d.b/L8260W.m Sublist used: 8260WI
Calibration date and time: 29-NOV-2007 22:26
Date, time and analyst ID of latest file update: 29-Nov-2007 22:27 lcm01518

Sample Name: VSTD010 Lab Sample ID: VSTD010

Compound Number : 2
Compound Name : Chloromethane
Scan Number : 135
Retention Time (minutes): 2.015
Quant Ion : 50
Area (flag) : 61073 M
Concentration (ug/L) : 10.2628
Integration start scan : 114 Integration stop scan: 164
Y at integration start : 0 Y at integration end: 0

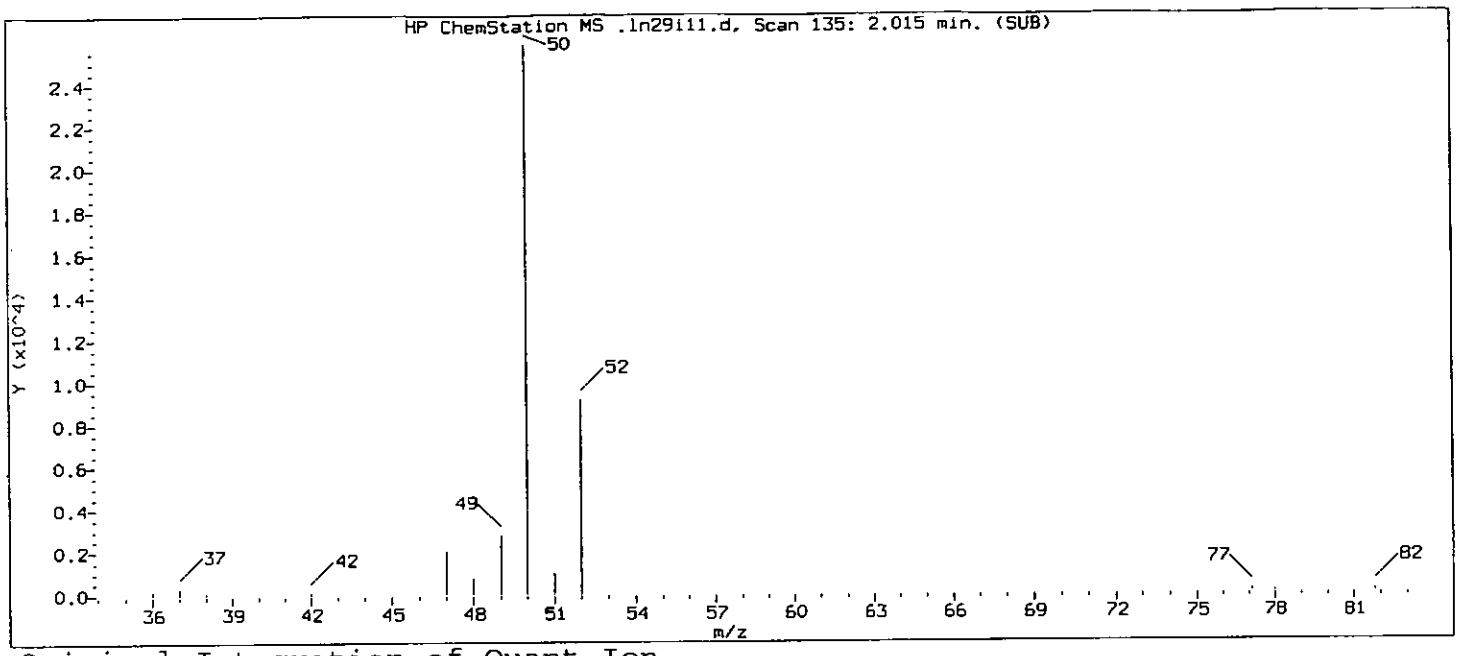
Reason for manual integration (circle one): missed peak improper integration

Analyst responsible for change: [signature] 12/4/07

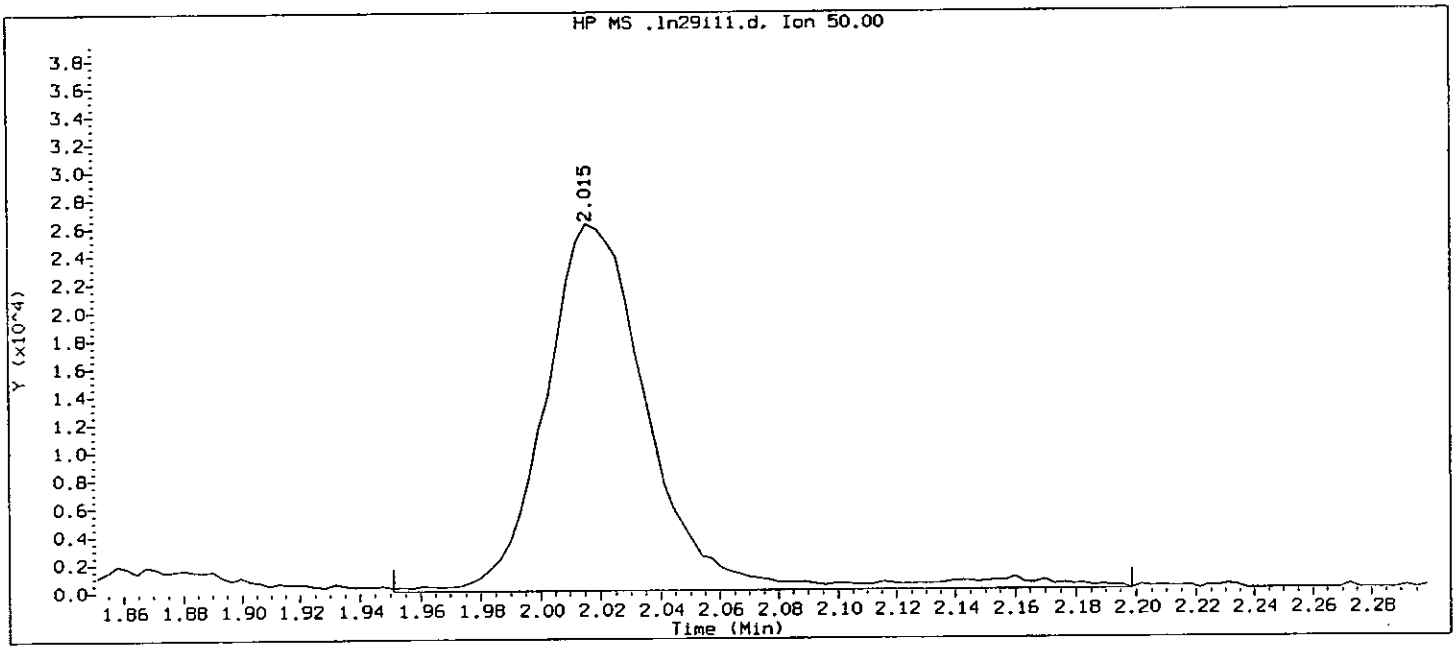
8197

GC/MS audit/management approval: [signature] 12/3/07

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP09915.i/07nov29d.b/ln29i11.d Instrument ID: HP09915.i
Injection date and time: 29-NOV-2007 22:07 Analyst ID: LCM01518

Method used: /chem/HP09915.i/07nov29d.b/L8260W.m Sublist used: 8260WI
Calibration date and time: 29-NOV-2007 22:24
Date, time and analyst ID of latest file update: 29-Nov-2007 22:24 Automation

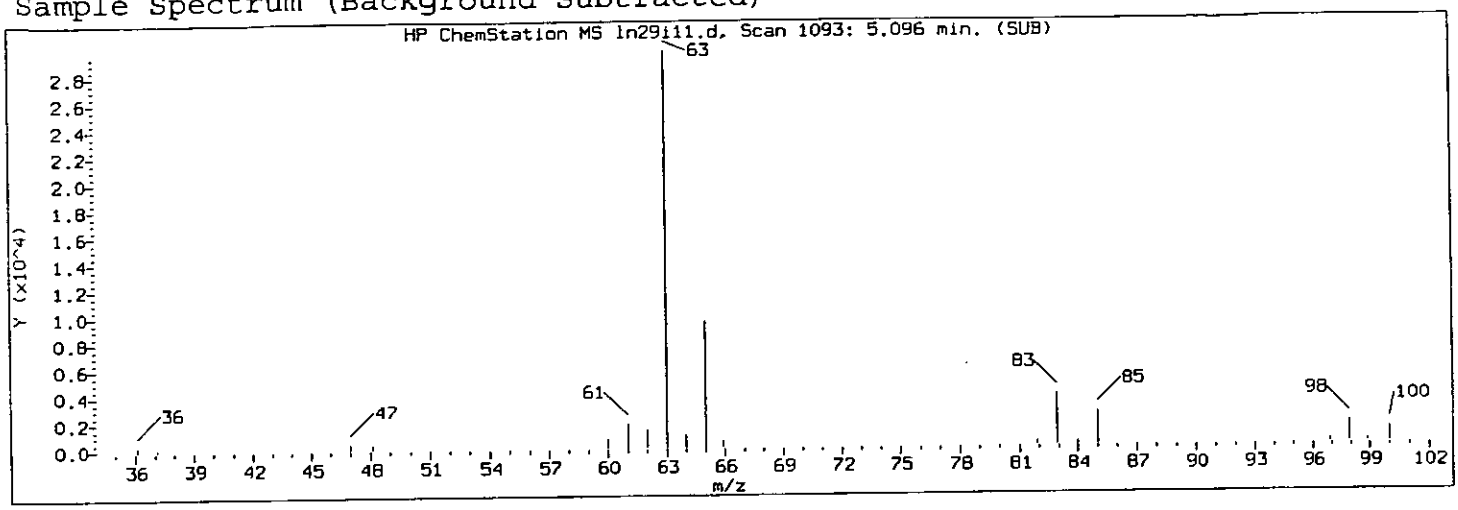
Sample Name: VSTD010 Lab Sample ID: VSTD010

Compound Number : 2
Compound Name : Chloromethane
Scan Number : 135
Retention Time (minutes): 2.015
Quant Ion : 50
Area : 63489
Concentration (ug/L) : 10.4484
Integration start scan : 114 Integration stop scan: 191
Y at integration start : 0 Y at integration end: 0

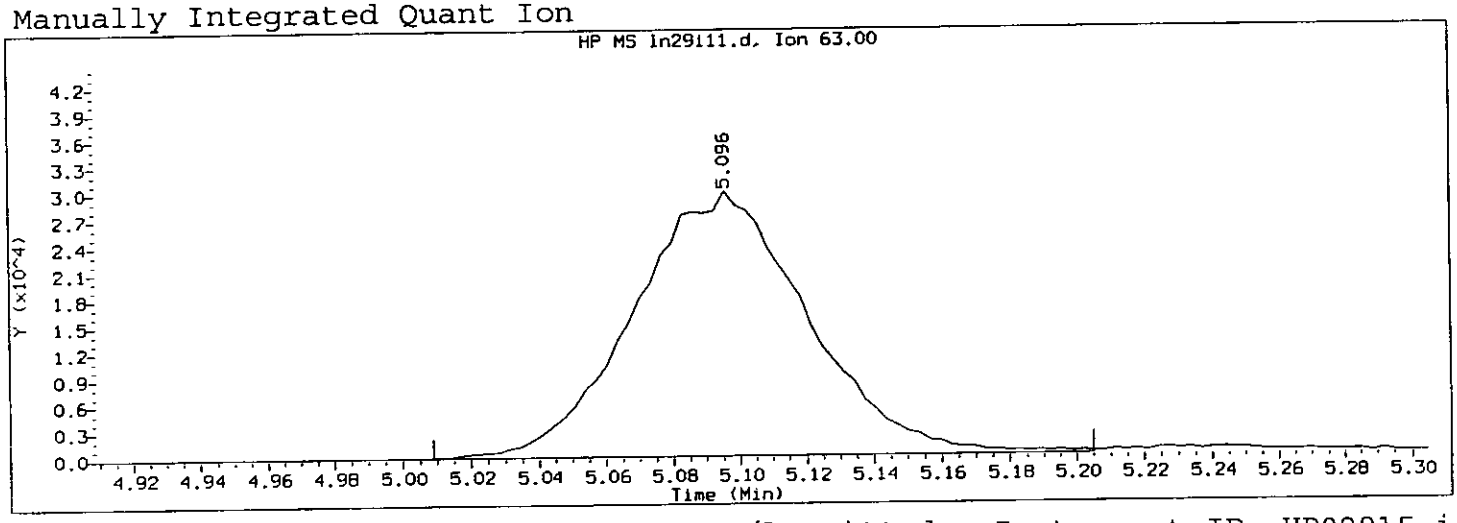
0198

Original Integration Report for data file /chem/HP09915.i/07nov29d.b/ln29i11.d, generated on 11/29/2007 at 22:27

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP09915.i/07nov29d.b/ln29i11.d Instrument ID: HP09915.i
Injection date and time: 29-NOV-2007 22:07 Analyst ID: LCM01518

Method used: /chem/HP09915.i/07nov29d.b/L8260W.m Sublist used: 8260WI
Calibration date and time: 29-NOV-2007 22:26
Date, time and analyst ID of latest file update: 29-Nov-2007 22:27 lcm01518

Sample Name: VSTD010 Lab Sample ID: VSTD010

Compound Number : 36
Compound Name : 1,1-Dichloroethane
Scan Number : 1093
Retention Time (minutes): 5.096
Quant Ion : 63
Area (flag) : 107562 M
Concentration (ug/L) : 10.2697
Integration start scan : 1065 Integration stop scan: 1126
Y at integration start : 0 Y at integration end: 0

Reason for manual integration (circle one): missed peak improper integration

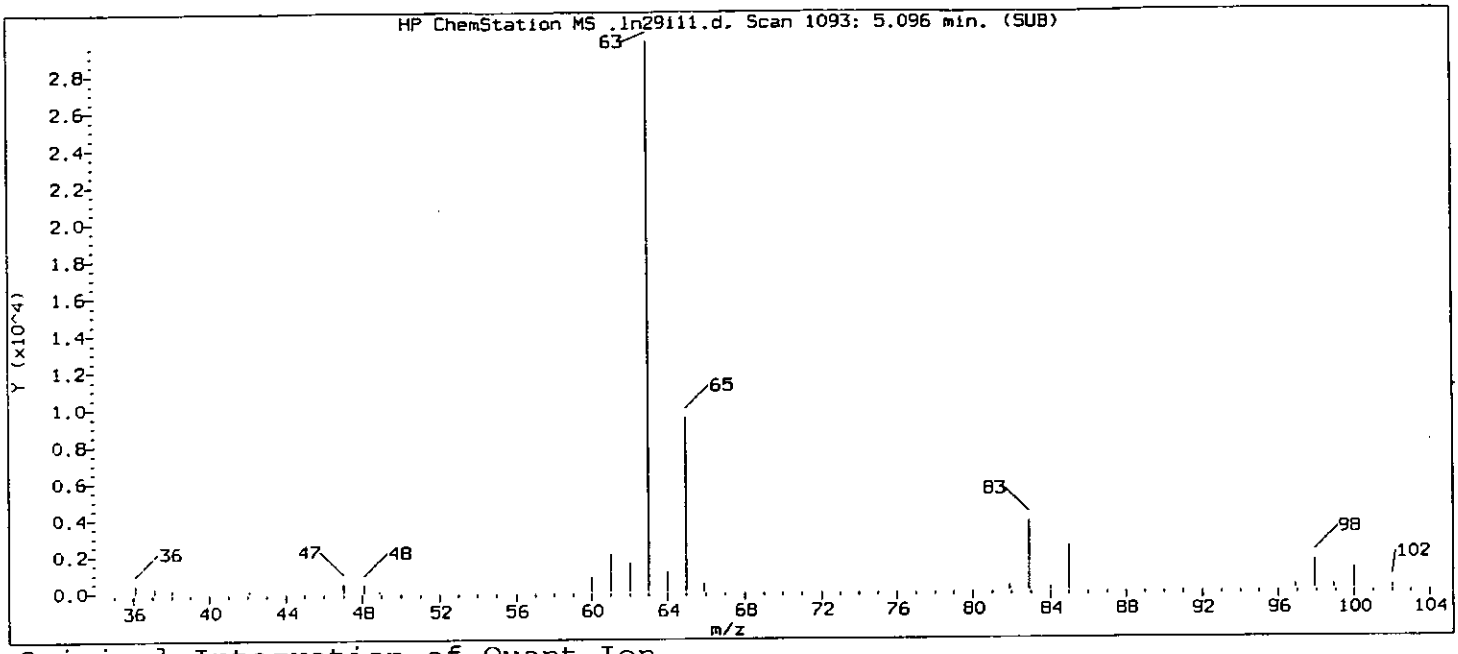
Analyst responsible for change: _____ 11/30/07

6199

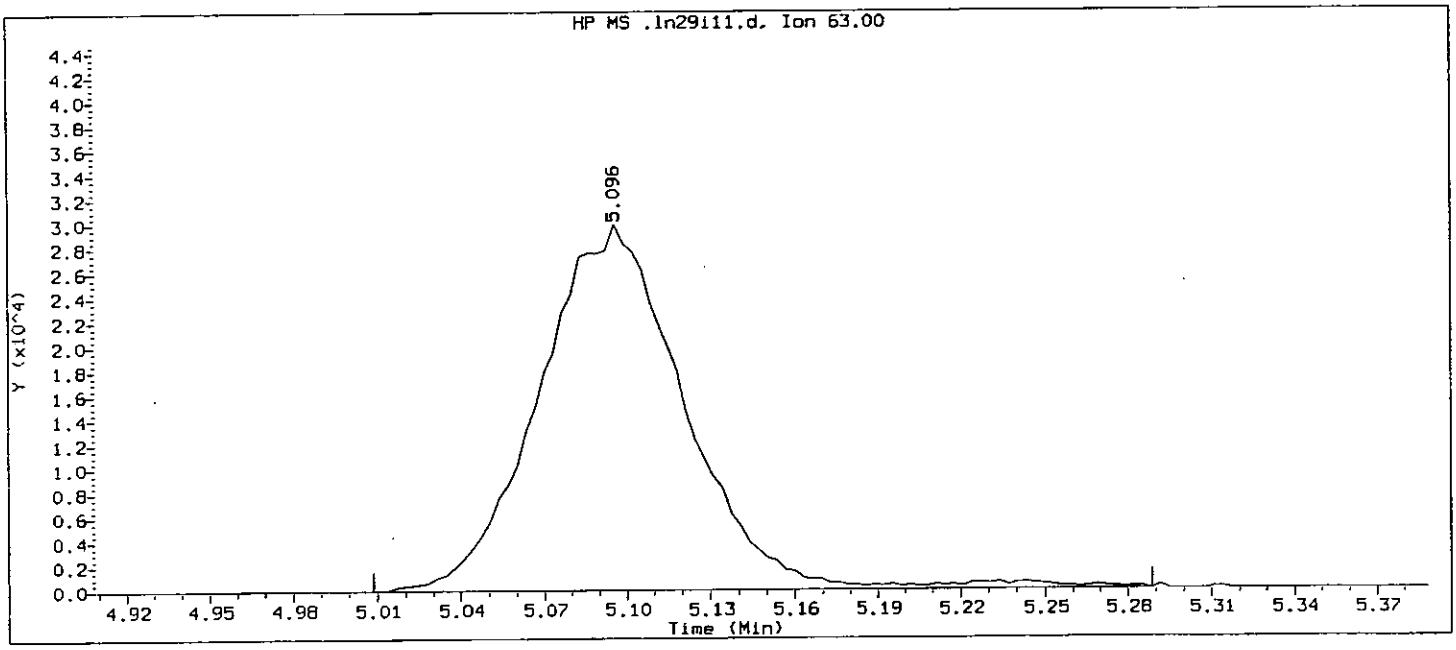
GC/MS audit/management approval: _____ 12/3/07

Manual Integration Report for data file /chem/HP09915.i/07nov29d.b/ln29i11.d, generated on 11/29/2007 at 22:27

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP09915.i/07nov29d.b/ln29i11.d Instrument ID: HP09915.i
Injection date and time: 29-NOV-2007 22:07 Analyst ID: LCM01518

Method used: /chem/HP09915.i/07nov29d.b/L8260W.m Sublist used: 8260WI
Calibration date and time: 29-NOV-2007 22:24
Date, time and analyst ID of latest file update: 29-Nov-2007 22:24 Automation

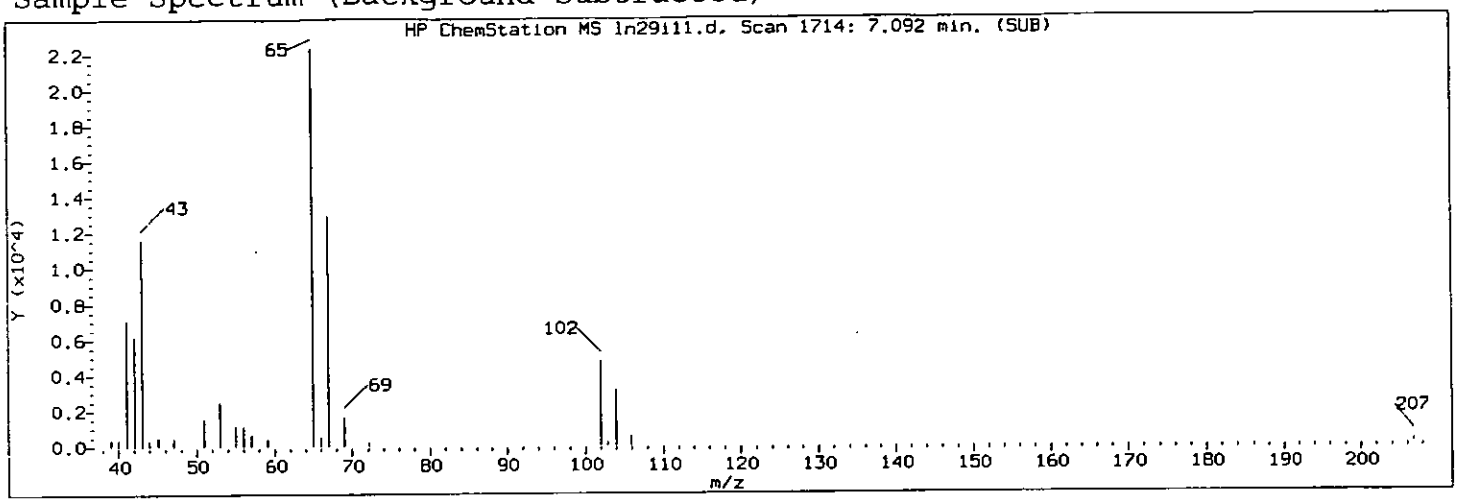
Sample Name: VSTD010 Lab Sample ID: VSTD010

Compound Number : 36
Compound Name : 1,1-Dichloroethane
Scan Number : 1093
Retention Time (minutes): 5.096
Quant Ion : 63
Area : 109377
Concentration (ug/L) : 10.5626
Integration start scan : 1065 Integration stop scan: 1152
Y at integration start : 0 Y at integration end: 0

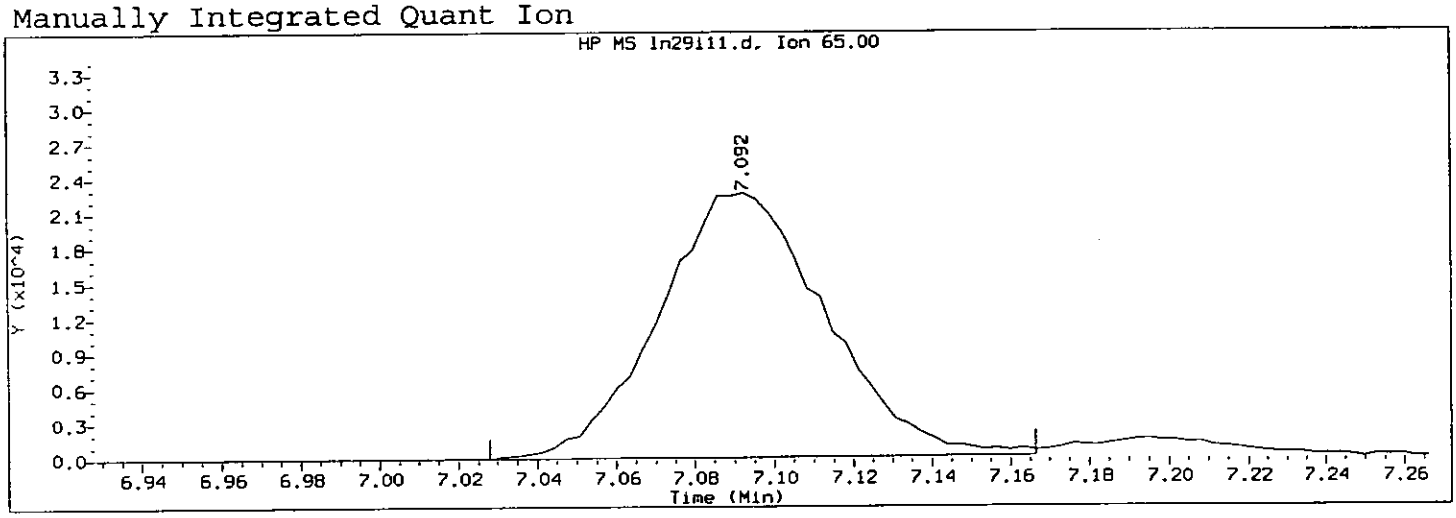
8200

Original Integration Report for data file /chem/HP09915.i/07nov29d.b/ln29i11.d, generated on 11/29/2007 at 22:27

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP09915.i/07nov29d.b/ln29i11.d Instrument ID: HP09915.i
Injection date and time: 29-NOV-2007 22:07 Analyst ID: LCM01518

Method used: /chem/HP09915.i/07nov29d.b/L8260W.m Sublist used: 8260WI
Calibration date and time: 29-NOV-2007 22:26
Date, time and analyst ID of latest file update: 29-Nov-2007 22:27 lcm01518

Sample Name: VSTD010 Lab Sample ID: VSTD010

Compound Number : 63
Compound Name : 1,2-Dichloroethane-d4(mz65)
Scan Number : 1714
Retention Time (minutes): 7.092
Quant Ion : 65
Area (flag) : 66337 M
Concentration (ug/L) : 10.7006
Integration start scan : 1693 Integration stop scan: 1736
Y at integration start : 0 Y at integration end: 144

Reason for manual integration (circle one): missed peak improper integration

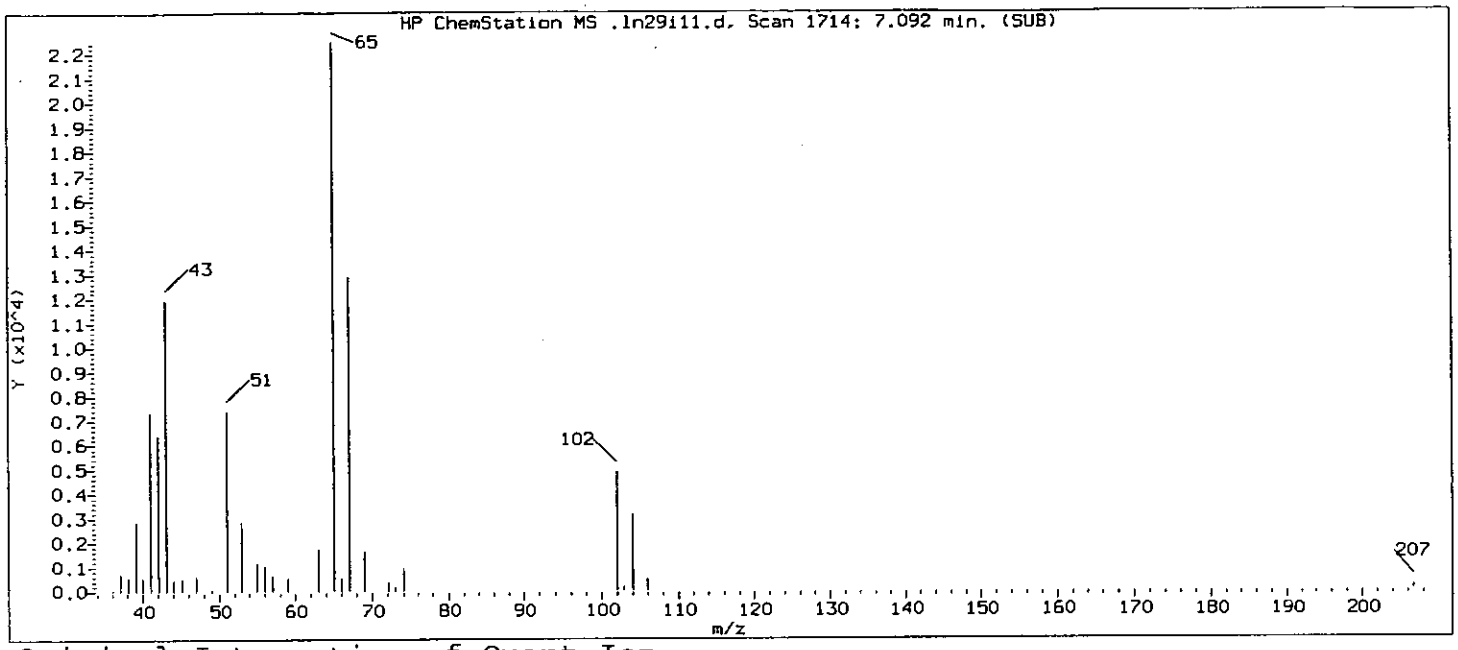
Analyst responsible for change: _____ 11/30/07

GC/MS audit/management approval: _____ 12/2/07

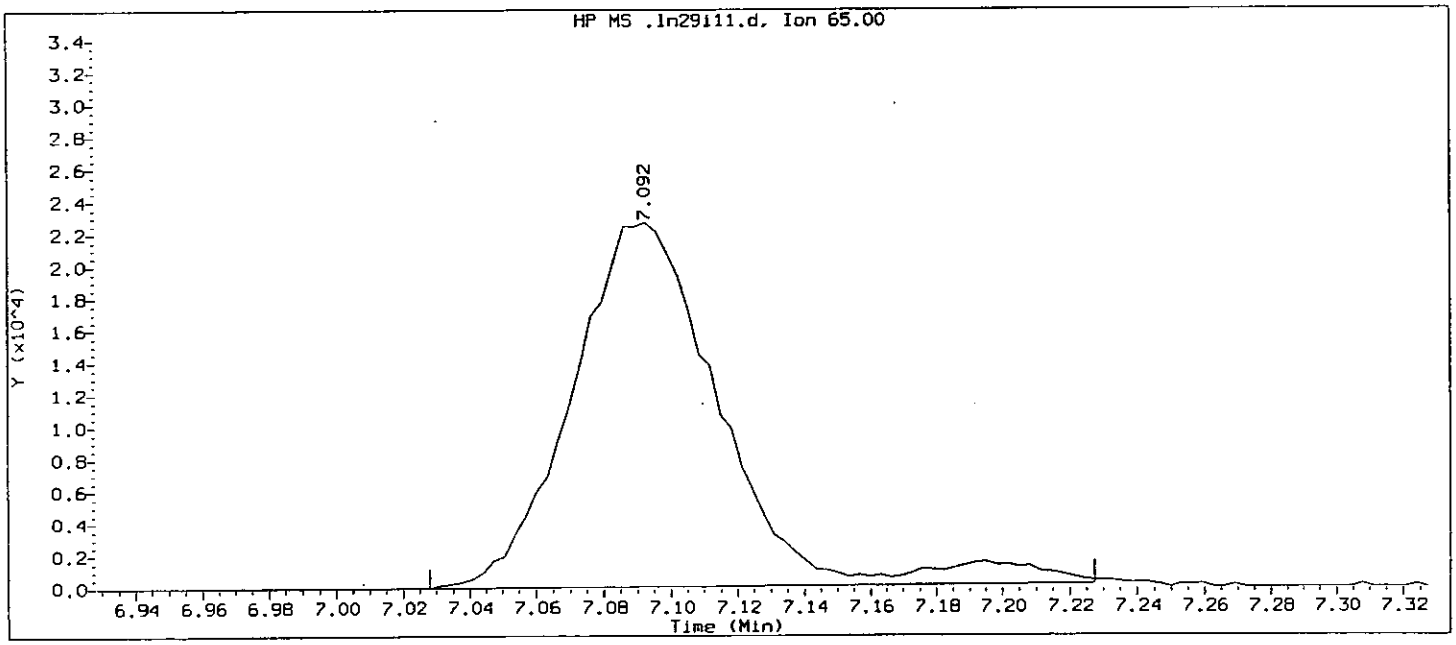
0201

Manual Integration Report for data file /chem/HP09915.i/07nov29d.b/ln29i11.d, generated on 11/29/2007 at 22:27

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP09915.i/07nov29d.b/ln29i11.d Instrument ID: HP09915.i
Injection date and time: 29-NOV-2007 22:07 Analyst ID: LCM01518

Method used: /chem/HP09915.i/07nov29d.b/L8260W.m Sublist used: 8260WI
Calibration date and time: 29-NOV-2007 22:24
Date, time and analyst ID of latest file update: 29-Nov-2007 22:24 Automation

Sample Name: VSTD010 Lab Sample ID: VSTD010

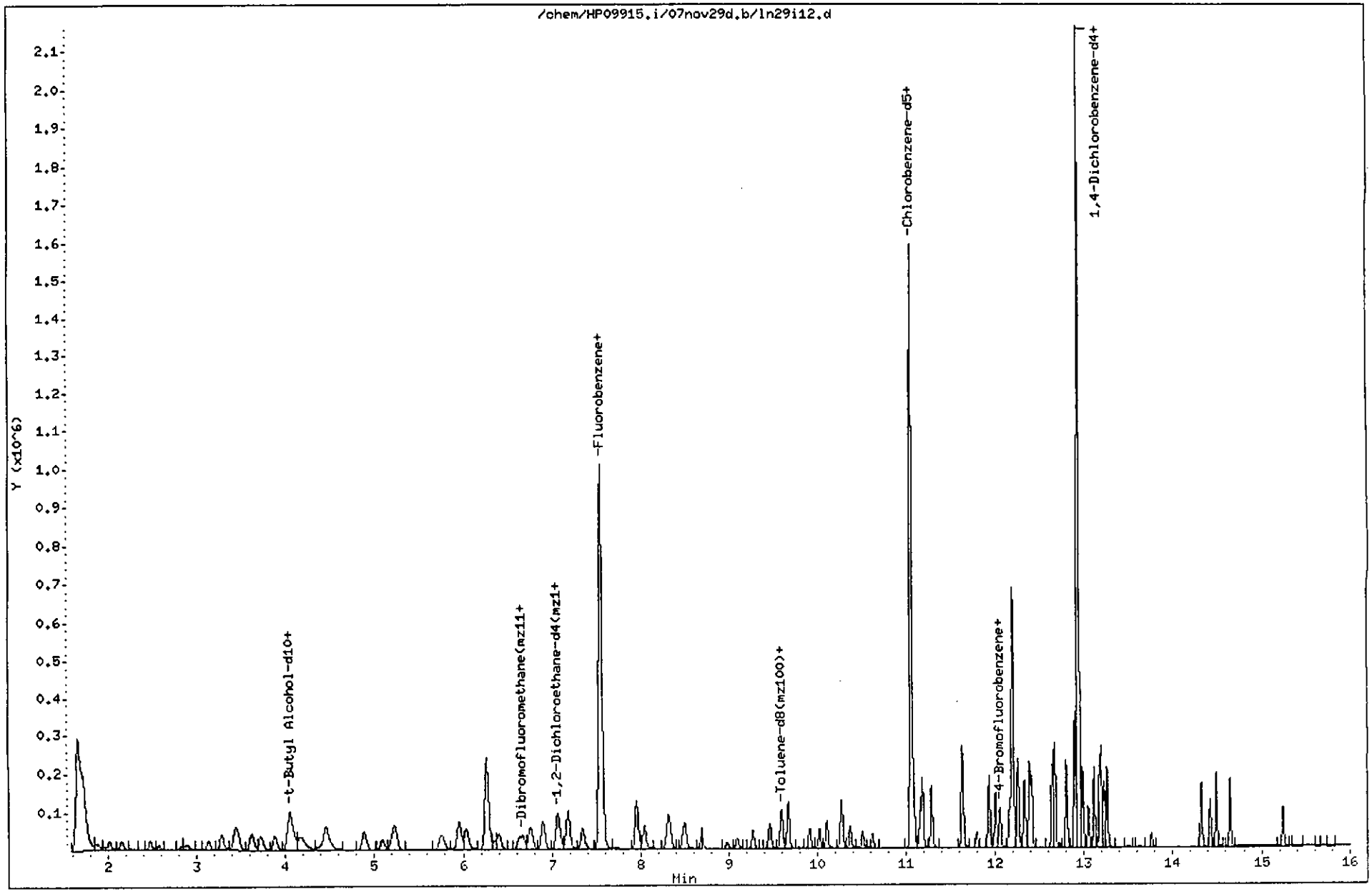
Compound Number : 63
Compound Name : 1,2-Dichloroethane-d4(mz65)
Scan Number : 1714
Retention Time (minutes): 7.092
Quant Ion : 65
Area : 69600
Concentration (ug/L) : 10.6654
Integration start scan : 1693 Integration stop scan: 1755
Y at integration start : 0 Y at integration end: 208

0202

Original Integration Report for data file /chem/HP09915.i/07nov29d.b/ln29i11.d, generated on 11/29/2007 at 22:27

Data File: /chem/HP09915.i/07nov29d.b/ln29i12.d
Date : 29-NOV-2007 22:31
Client ID: VSTD004
Sample Info: VSTD004;VSTD004;1;1;;;
Purge Volume: 5.0
Column phase: DB-624

Instrument: HP09915.i
Operator: LCM01518
Column diameter: 0.25



Quant Report

Target Revision 3.5

Data File: /chem/HP09915.i/07nov29d.b/ln29i12.d Instrument ID: HP09915.i
Injection date and time: 29-NOV-2007 22:31 Analyst ID: LCM01518

Method used: /chem/HP09915.i/07nov29d.b/L8260W.m Sublist used: 8260WI
Calibration date and time: 29-NOV-2007 21:45
Date, time and analyst ID of latest file update: 29-Nov-2007 22:48 Automation

Sample Name: VSTD004 Lab Sample ID: VSTD004

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
1) Dichlorodifluoromethane	(1)	1.877	85	26757	3.799
2) Chloromethane	(1)	2.012	50	23767	3.904
3) Vinyl Chloride	(1)	2.150	62	26218	3.953
6) Bromomethane	(1)	2.472	94	18653	3.824
7) Chloroethane	(1)	2.572	64	13718	3.890
8) Trichlorofluoromethane	(1)	2.893	101	33570	3.908
10) Ethyl Ether	(1)	3.134	59	18366	3.952
15) Acrolein	(4)	3.282	56	58484	36.947
16) 1,1-Dichloroethene	(1)	3.433	96	23617	4.089
17) Freon 113	(1)	3.459	101	28509	4.089
18) Acetone	(1)	3.462	43	16562	8.067
20) Methyl Iodide	(1)	3.623	142	45243	4.065
21) 2-Propanol	(4)	3.623	45	47696	77.418
22) Carbon Disulfide	(1)	3.723	76	91314	4.046
23) Allyl Chloride	(1)	3.884	41	29899	3.899
25) Methyl Acetate	(1)	3.893	43	22673	4.133
26) Methylene Chloride	(1)	4.044	84	29024	4.188
27)*t-Butyl Alcohol-d10	(4)	4.060	65	210951	250.000
28) t-Butyl Alcohol	(4)	4.179	59	71535	74.396
29) Acrylonitrile	(1)	4.385	53	11733	3.906
30) trans-1,2-Dichloroethene	(1)	4.459	96	25854	4.010
31) Methyl Tertiary Butyl Ether	(1)	4.478	73	72820	4.000
33) n-Hexane	(1)	4.887	57	41717	4.116
40) 1,2-Dichloroethene (total)	(1)		96	51938	8.010
36) 1,1-Dichloroethane	(1)	5.092	63	45816	4.148
37) di-Isopropyl Ether	(1)	5.215	45	70371	3.923
39) 2-Chloro-1,3-Butadiene	(1)	5.244	53	30170	3.855
41) Ethyl t-Butyl Ether	(1)	5.755	59	61899	3.869
42) cis-1,2-Dichloroethene	(1)	5.951	96	26084	4.000
43) 2-Butanone	(1)	5.957	43	31958	8.219
44) 2,2-Dichloropropane	(1)	5.967	77	30995	4.012
45) Propionitrile	(4)	6.035	54	94662	73.504
46) Methacrylonitrile	(1)	6.266	67	131899	38.053
47) Bromochloromethane	(1)	6.285	128	12024	3.902

* = Compound is an internal standard.

Quant Report

Target Revision 3.5

Data File: /chem/HP09915.i/07nov29d.b/ln29i12.d Instrument ID: HP09915.i
Injection date and time: 29-NOV-2007 22:31 Analyst ID: LCM01518

Method used: /chem/HP09915.i/07nov29d.b/L8260W.m Sublist used: 8260WI
Calibration date and time: 29-NOV-2007 21:45
Date, time and analyst ID of latest file update: 29-Nov-2007 22:48 Automation

Sample Name: VSTD004 Lab Sample ID: VSTD004

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
48) Tetrahydrofuran	(4)	6.353	71	7694	7.414
49) Chloroform	(1)	6.404	83	42862	4.052
54) 1,1,1-Trichloroethane	(1)	6.665	97	34698	3.993
55) Cyclohexane	(1)	6.755	56	44621	3.983
57) Cyclohexane (mz 84)	(1)	6.761	84	38956	4.066
56) Cyclohexane (mz 69)	(1)	6.755	69	14278	4.056
58) 1,1-Dichloropropene	(1)	6.899	75	33617	3.966
59) Carbon Tetrachloride	(1)	6.912	117	30344	3.982
60) Isobutyl Alcohol	(4)	7.063	41	64350	185.028
64) Benzene	(1)	7.176	78	103996	4.040
65) 1,2-Dichloroethane	(1)	7.192	62	34824	4.043
66) 1,2-Dichloroethane (mz 98)	(1)	7.189	98	2945	3.987
68) t-Amyl Methyl Ether	(1)	7.343	73	59554	3.872
70) n-Heptane	(1)	7.562	43	40675	4.140
71) *Fluorobenzene	(1)	7.555	96	1256434	50.000
73) n-Butanol	(4)	7.961	56	106056	362.022
74) Trichloroethene	(1)	8.047	95	26757	4.065
77) 1,2-Dichloropropane	(1)	8.327	63	26498	3.962
76) Methylcyclohexane (mz98)	(1)	8.314	98	15614	3.611
75) Methylcyclohexane	(1)	8.311	83	36977	3.655
80) Methyl Methacrylate	(1)	8.497	69	21858	3.839
79) Dibromomethane	(1)	8.488	93	17305	4.028
81) 1,4-Dioxane	(4)	8.510	88	16377	182.430
82) Bromodichloromethane	(1)	8.694	83	28606	3.876
83) 2-Nitropropane	(1)	8.983	41	12322	6.794
84) 2-Chloroethyl Vinyl Ether	(1)	9.099	63	15501	3.712
85) cis-1,3-Dichloropropene	(1)	9.272	75	34554	3.708
87) 4-Methyl-2-Pentanone	(1)	9.465	43	53094	6.215
90) Toluene	(2)	9.674	92	60601	3.963
91) trans-1,3-Dichloropropene	(2)	9.915	75	32283	3.778
92) Ethyl Methacrylate	(2)	10.022	69	28948	3.600
93) 1,1,2-Trichloroethane	(2)	10.105	97	24201	4.055
94) Tetrachloroethene	(2)	10.266	166	27684	4.144
95) 1,3-Dichloropropane	(2)	10.279	76	40856	3.993

* = Compound is an internal standard.

Quant Report

Target Revision 3.5

Data File: /chem/HP09915.i/07nov29d.b/ln29i12.d Instrument ID: HP09915.i
Injection date and time: 29-NOV-2007 22:31 Analyst ID: LCM01518

Method used: /chem/HP09915.i/07nov29d.b/L8260W.m Sublist used: 8260WI
Calibration date and time: 29-NOV-2007 21:45
Date, time and analyst ID of latest file update: 29-Nov-2007 22:48 Automation

Sample Name: VSTD004 Lab Sample ID: VSTD004

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
96) 2-Hexanone	(2)	10.366	43	39855	6.066
98) Dibromochloromethane	(2)	10.510	129	22514	3.784
100) 1,2-Dibromoethane	(2)	10.623	107	24997	3.944
101) *Chlorobenzene-d5	(2)	11.060	117	898577	50.000
102) Chlorobenzene	(2)	11.086	112	72429	4.055
103) 1,1,1,2-Tetrachloroethane	(2)	11.157	131	22758	3.951
104) Ethylbenzene	(2)	11.182	91	120322	4.049
105) m+p-Xylene	(2)	11.288	106	45349	3.949
106) Xylene (Total)	(2)		106	87951	7.852
107) o-Xylene	(2)	11.629	106	42602	3.903
108) Styrene	(2)	11.639	104	65696	3.769
109) Bromoform	(2)	11.793	173	16236	3.806
111) Isopropylbenzene	(2)	11.935	105	112889	4.032
115) Cyclohexanone	(4)	12.005	55	58921	187.437
116) 1,1,2,2-Tetrachloroethane	(3)	12.160	83	42020	4.110
118) trans-1,4-Dichloro-2-Butene	(3)	12.202	53	109733	37.594
117) Bromobenzene	(3)	12.182	156	30705	4.078
119) 1,2,3-Trichloropropane	(3)	12.195	110	11687	4.149
120) n-Propylbenzene	(3)	12.256	120	36046	4.191
122) 2-Chlorotoluene	(3)	12.330	126	30717	4.194
123) 1,3,5-Trimethylbenzene	(3)	12.388	120	51061	4.123
125) 4-Chlorotoluene	(3)	12.411	126	32030	4.175
126) tert-Butylbenzene	(3)	12.642	134	22407	4.179
127) Pentachloroethane	(3)	12.658	167	16902	3.850
128) 1,2,4-Trimethylbenzene	(3)	12.674	105	111087	4.145
129) sec-Butylbenzene	(3)	12.803	134	26649	4.143
130) p-Isopropyltoluene	(3)	12.902	134	30741	4.138
131) 1,3-Dichlorobenzene	(3)	12.890	146	63317	4.220
132) *1,4-Dichlorobenzene-d4	(3)	12.938	152	504872	50.000
133) 1,4-Dichlorobenzene	(3)	12.954	146	68034	4.295
134) 1,2,3-Trimethylbenzene	(3)	12.986	120	42194	3.872
135) Benzyl Chloride	(3)	13.047	91	63078	3.769
136) 1,3-Diethylbenzene	(3)	13.115	119	57369	3.702
137) 1,4-Diethylbenzene	(3)	13.176	119	62815	3.768

* = Compound is an internal standard.

Quant Report

Target Revision 3.5

Data File: /chem/HP09915.i/07nov29d.b/ln29i12.d Instrument ID: HP09915.i
Injection date and time: 29-NOV-2007 22:31 Analyst ID: LCM01518

Method used: /chem/HP09915.i/07nov29d.b/L8260W.m Sublist used: 8260WI
Calibration date and time: 29-NOV-2007 21:45
Date, time and analyst ID of latest file update: 29-Nov-2007 22:48 Automation

Sample Name: VSTD004 Lab Sample ID: VSTD004

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
138) n-Butylbenzene	(3)	13.198	92	62900	4.253
139) 1,2-Dichlorobenzene	(3)	13.227	146	62283	4.254
140) 1,2-Diethylbenzene	(3)	13.263	119	51241	3.842
141) 1,2-Dibromo-3-Chloropropane	(3)	13.761	75	8634	4.137
142) 1,2,4-Trichlorobenzene	(3)	14.324	180	45638	4.338
143) Hexachlorobutadiene	(3)	14.423	225	22176	4.416
144) Naphthalene	(3)	14.494	128	133413	4.196
145) 1,2,3-Trichlorobenzene	(3)	14.648	180	47381	4.444
146) 2-Methylnaphthalene	(3)	15.243	142	48570	3.501
51)$Dibromofluoromethane	(1)	6.626	113	21373	3.999
52)$Dibromofluoromethane(mz111)	(1)	6.626	111	22396	4.058
62)$1,2-Dichloroethane-d4	(1)	7.096	102	5337	4.088
63)$1,2-Dichloroethane-d4(mz65)	(1)	7.092	65	26918	4.127
61)$1,2-Dichloroethane-d4(mz104)	(1)	7.089	104	3265	4.021
89)$Toluene-d8	(2)	9.594	98	84265	4.011
88)$Toluene-d8(mz100)	(2)	9.600	100	52320	4.021
113)$4-Bromofluorobenzene	(2)	12.054	95	33618	3.989
112)$4-Bromofluorobenzene(mz174)	(2)	12.057	174	26111	3.940

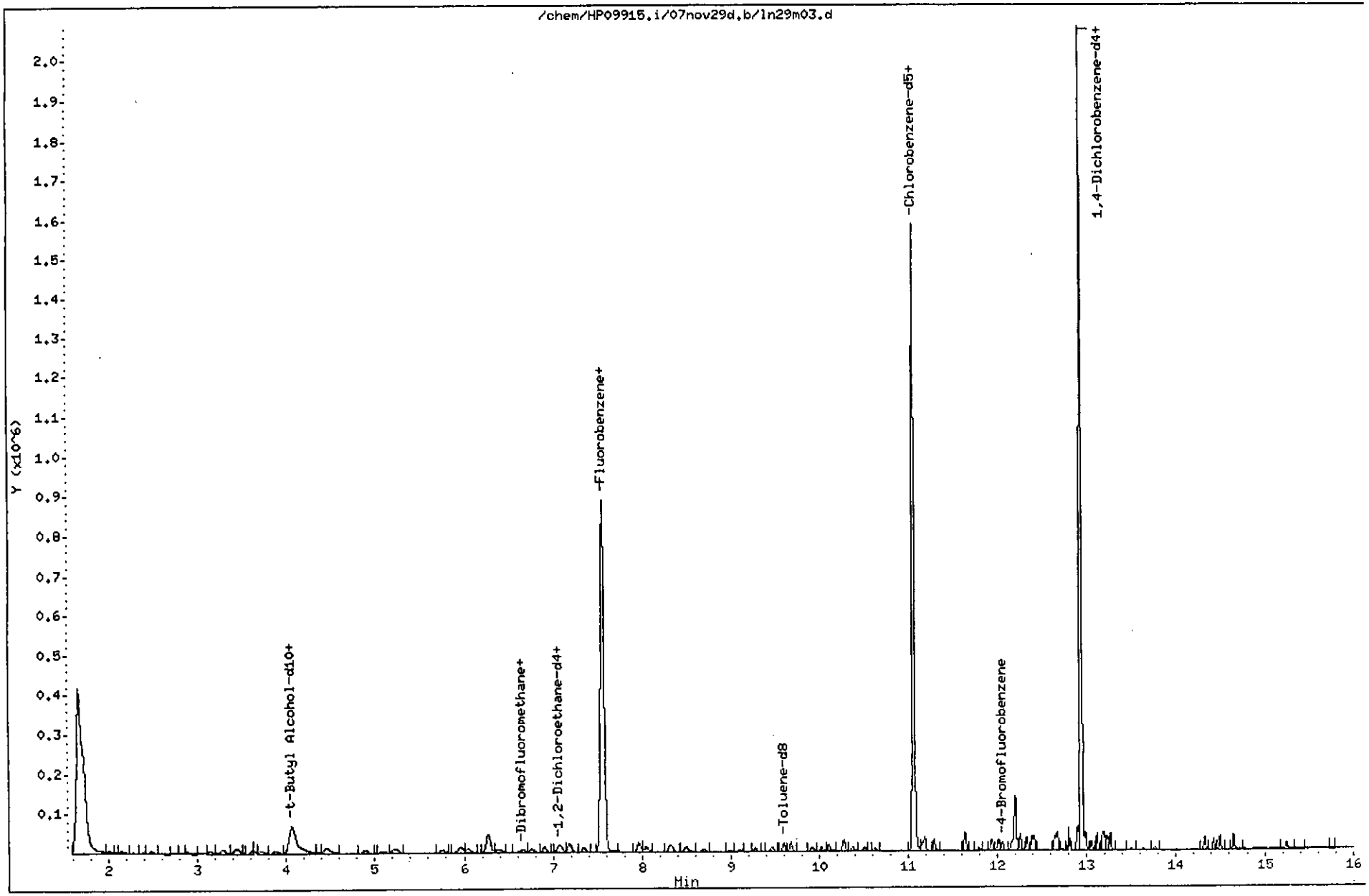
$ = Compound is a surrogate standard.

Data File: /chem/HP09915.i/07nov29d.b/ln29m03.d
Date : 29-NOV-2007 22:53
Client ID: 1PPB HDL
Sample Info: 1PPB HDL;1 PPB HDL;1;3;MDL/LOQ;;
Purge Volume: 5.0
Column phase: DB-624

Instrument: HP09915.i

Operator: LCH01518
Column diameter: 0.25

0208



Quant Report

Target Revision 3.5

Data File: /chem/HP09915.i/07nov29d.b/ln29m03.d Instrument ID: HP09915.i
Injection date and time: 29-NOV-2007 22:53 Analyst ID: LCM01518

Method used: /chem/HP09915.i/07nov29d.b/L8260W.m Sublist used: 8260W
Calibration date and time: 29-NOV-2007 21:45
Date, time and analyst ID of latest file update: 30-Nov-2007 01:46 sas00403

Sample Name: 1PPB MDL Lab Sample ID: 1 PPB MDL

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
1) Dichlorodifluoromethane	(1)	1.874	85	4891	0.669
2) Chloromethane	(1)	2.009	50	5059	0.841
3) Vinyl Chloride	(1)	2.141	62	5978	0.905
6) Bromomethane	(1)	2.479	94	4212	0.937
7) Chloroethane	(1)	2.585	64	2952	0.888
8) Trichlorofluoromethane	(1)	2.887	101	6838	0.780
10) Ethyl Ether	(1)	3.138	59	4310	0.963
15) Acrolein	(4)	3.282	56	14679	10.235
16) 1,1-Dichloroethene	(1)	3.427	96	5100	0.927
17) Freon 113	(1)	3.453	101	5472	0.825
18) Acetone	(1)	3.459	43	5350	2.613
20) Methyl Iodide	(1)	3.617	142	9836	0.930
21) 2-Propanol	(4)	3.630	45	10940	19.644
22) Carbon Disulfide	(1)	3.720	76	18898	0.883
23) Allyl Chloride	(1)	3.880	41	6940M	0.909
25) Methyl Acetate	(1)	3.893	43	5744M	1.089
26) Methylene Chloride	(1)	4.051	84	7640	1.188
27) *t-Butyl Alcohol-d10	(4)	4.064	65	202506	250.000
28) t-Butyl Alcohol	(4)	4.189	59	17842	20.191
29) Acrylonitrile	(1)	4.392	53	2491	0.838
30) trans-1,2-Dichloroethene	(1)	4.462	96	5370	0.874
31) Methyl Tertiary Butyl Ether	(1)	4.466	73	16089	0.911
33) n-Hexane	(1)	4.884	57	6856	0.699
40) 1,2-Dichloroethene (total)	(1)		96	10721	1.729
36) 1,1-Dichloroethane	(1)	5.089	63	9824	0.942
37) di-Isopropyl Ether	(1)	5.212	45	14487	0.835
39) 2-Chloro-1,3-Butadiene	(1)	5.234	53	5830	0.756
41) Ethyl t-Butyl Ether	(1)	5.752	59	12988	0.815
42) cis-1,2-Dichloroethene	(1)	5.941	96	5351	0.855
43) 2-Butanone	(1)	5.980	43	7520	2.050
44) 2,2-Dichloropropane	(1)	5.964	77	6310	0.825
45) Propionitrile	(4)	6.044	54	22175	18.312
46) Methacrylonitrile	(1)	6.269	67	28970	8.671
47) Bromochloromethane	(1)	6.282	128	2728	0.885

M = Compound was manually integrated.

* = Compound is an internal standard.

Quant Report

Target Revision 3.5

Data File: /chem/HP09915.i/07nov29d.b/ln29m03.d Instrument ID: HP09915.i
Injection date and time: 29-NOV-2007 22:53 Analyst ID: LCM01518

Method used: /chem/HP09915.i/07nov29d.b/L8260W.m Sublist used: 8260W
Calibration date and time: 29-NOV-2007 21:45
Date, time and analyst ID of latest file update: 30-Nov-2007 01:46 sas00403

Sample Name: 1PPB MDL Lab Sample ID: 1 PPB MDL

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
48) Tetrahydrofuran	(4)	6.340	71	1819	1.784
49) Chloroform	(1)	6.414	83	9286	0.928
54) 1,1,1-Trichloroethane	(1)	6.681	97	6738	0.791
55) Cyclohexane	(1)	6.755	56	7493	0.679
58) 1,1-Dichloropropene	(1)	6.906	75	6372	0.776
59) Carbon Tetrachloride	(1)	6.912	117	5515	0.731
60) Isobutyl Alcohol	(4)	7.060	41	15336	48.089
64) Benzene	(1)	7.183	78	22895	0.937
65) 1,2-Dichloroethane	(1)	7.195	62	7947	0.974
68) t-Amyl Methyl Ether	(1)	7.343	73	12257	0.799
70) n-Heptane	(1)	7.575	43	7644	0.808
71) *Fluorobenzene	(1)	7.559	96	1237556	50.000
73) n-Butanol	(4)	7.961	56	23238	82.050
74) Trichloroethene	(1)	8.054	95	5464	0.867
77) 1,2-Dichloropropane	(1)	8.334	63	5657	0.880
75) Methylcyclohexane	(1)	8.311	83	6916	0.656
80) Methyl Methacrylate	(1)	8.507	69	4337	0.751
79) Dibromomethane	(1)	8.485	93	3964	0.954
81) 1,4-Dioxane	(4)	8.533	88	3358	38.114
82) Bromodichloromethane	(1)	8.694	83	6029	0.815
83) 2-Nitropropane	(1)	8.986	41	2899	0.000
84) 2-Chloroethyl Vinyl Ether	(1)	9.096	63	2909	0.654
85) cis-1,3-Dichloropropene	(1)	9.279	75	6888	0.726
87) 4-Methyl-2-Pentanone	(1)	9.472	43	11038	8.734
90) Toluene	(2)	9.678	92	11595	0.784
91) trans-1,3-Dichloropropene	(2)	9.912	75	6493	0.737
92) Ethyl Methacrylate	(2)	10.025	69	5247	0.618
93) 1,1,2-Trichloroethane	(2)	10.105	97	5575	0.970
94) Tetrachloroethene	(2)	10.269	166	5424	0.827
95) 1,3-Dichloropropane	(2)	10.276	76	8860	0.901
96) 2-Hexanone	(2)	10.372	43	8116	10.364
98) Dibromochloromethane	(2)	10.504	129	4925	0.798
100) 1,2-Dibromoethane	(2)	10.620	107	5509	0.881
101) *Chlorobenzene-d5	(2)	11.060	117	892099	50.000

* = Compound is an internal standard.

Quant Report

Target Revision 3.5

Data File: /chem/HP09915.i/07nov29d.b/ln29m03.d Instrument ID: HP09915.i
Injection date and time: 29-NOV-2007 22:53 Analyst ID: LCM01518

Method used: /chem/HP09915.i/07nov29d.b/L8260W.m Sublist used: 8260W
Calibration date and time: 29-NOV-2007 21:45
Date, time and analyst ID of latest file update: 30-Nov-2007 01:46 sas00403

Sample Name: 1PPB MDL Lab Sample ID: 1 PPB MDL

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
102) Chlorobenzene	(2)	11.083	112	15854	0.926
103) 1,1,1,2-Tetrachloroethane	(2)	11.157	131	4894	0.851
104) Ethylbenzene	(2)	11.186	91	22155	0.770
105) m+p-Xylene	(2)	11.292	106	8086	0.715
106) Xylene (Total)	(2)		106	15608	1.425
107) o-Xylene	(2)	11.629	106	7522	0.710
108) Styrene	(2)	11.642	104	10949	0.635
109) Bromoform	(2)	11.793	173	3424	0.752
111) Isopropylbenzene	(2)	11.932	105	17090	0.619
115) Cyclohexanone	(4)	12.005	55	11227	34.379
116) 1,1,2,2-Tetrachloroethane	(3)	12.160	83	9639	1.015
118) trans-1,4-Dichloro-2-Butene	(3)	12.205	53	22535	8.526
117) Bromobenzene	(3)	12.186	156	6295	0.870
119) 1,2,3-Trichloropropane	(3)	12.198	110	2797	1.075
120) n-Propylbenzene	(3)	12.259	120	6033	0.733
122) 2-Chlorotoluene	(3)	12.330	126	5523	0.790
123) 1,3,5-Trimethylbenzene	(3)	12.388	120	7862	0.661
125) 4-Chlorotoluene	(3)	12.414	126	5717	0.785
126) tert-Butylbenzene	(3)	12.642	134	3648	0.695
127) Pentachloroethane	(3)	12.658	167	3480	0.783
128) 1,2,4-Trimethylbenzene	(3)	12.674	105	16854	0.665
129) sec-Butylbenzene	(3)	12.800	134	4229	0.669
130) p-Isopropyltoluene	(3)	12.903	134	4837	0.671
131) 1,3-Dichlorobenzene	(3)	12.893	146	12395	0.881
132) *1,4-Dichlorobenzene-d4	(3)	12.938	152	497424	50.000
133) 1,4-Dichlorobenzene	(3)	12.954	146	14586	0.976
134) 1,2,3-Trimethylbenzene	(3)	12.986	120	8671	0.807
135) Benzyl Chloride	(3)	13.047	91	12275	0.709
136) 1,3-Diethylbenzene	(3)	13.115	119	11286	0.724
137) 1,4-Diethylbenzene	(3)	13.176	119	11062	0.666
138) n-Butylbenzene	(3)	13.195	92	10681	0.771
139) 1,2-Dichlorobenzene	(3)	13.231	146	13191	0.956
140) 1,2-Diethylbenzene	(3)	13.266	119	9506	0.718
141) 1,2-Dibromo-3-Chloropropane	(3)	13.767	75	1914	0.944

* = Compound is an internal standard.

Quant Report

Target Revision 3.5

Data File: /chem/HP09915.i/07nov29d.b/ln29m03.d Instrument ID: HP09915.i
Injection date and time: 29-NOV-2007 22:53 Analyst ID: LCM01518

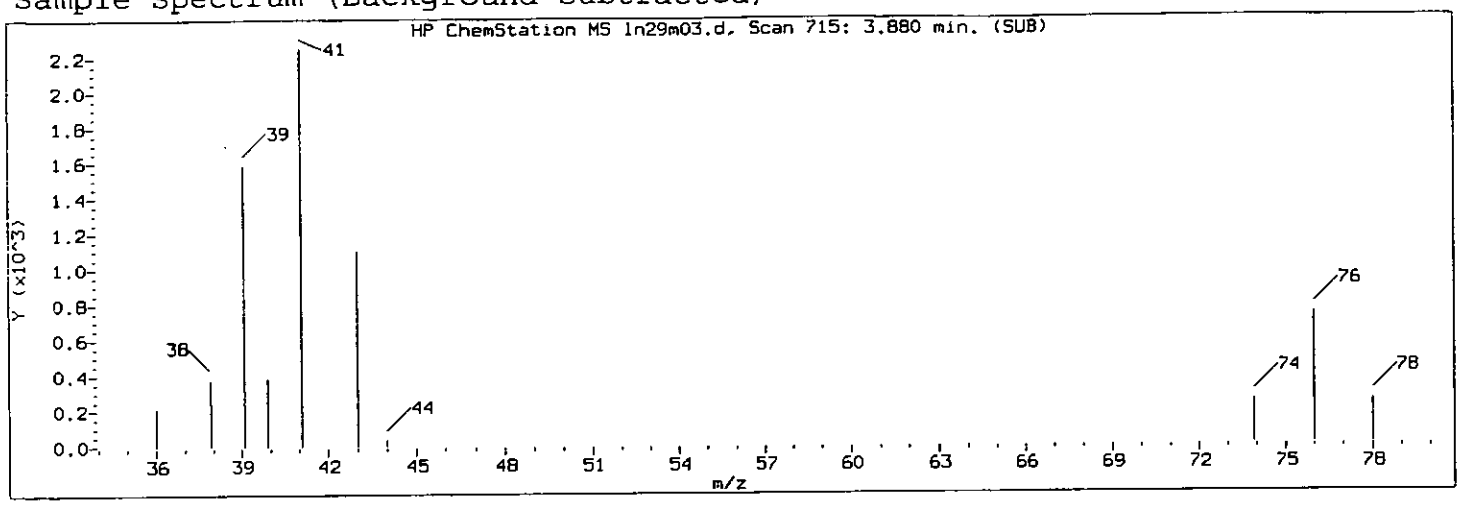
Method used: /chem/HP09915.i/07nov29d.b/L8260W.m Sublist used: 8260W
Calibration date and time: 29-NOV-2007 21:45
Date, time and analyst ID of latest file update: 30-Nov-2007 01:46 sas00403

Sample Name: 1PPB MDL Lab Sample ID: 1 PPB MDL

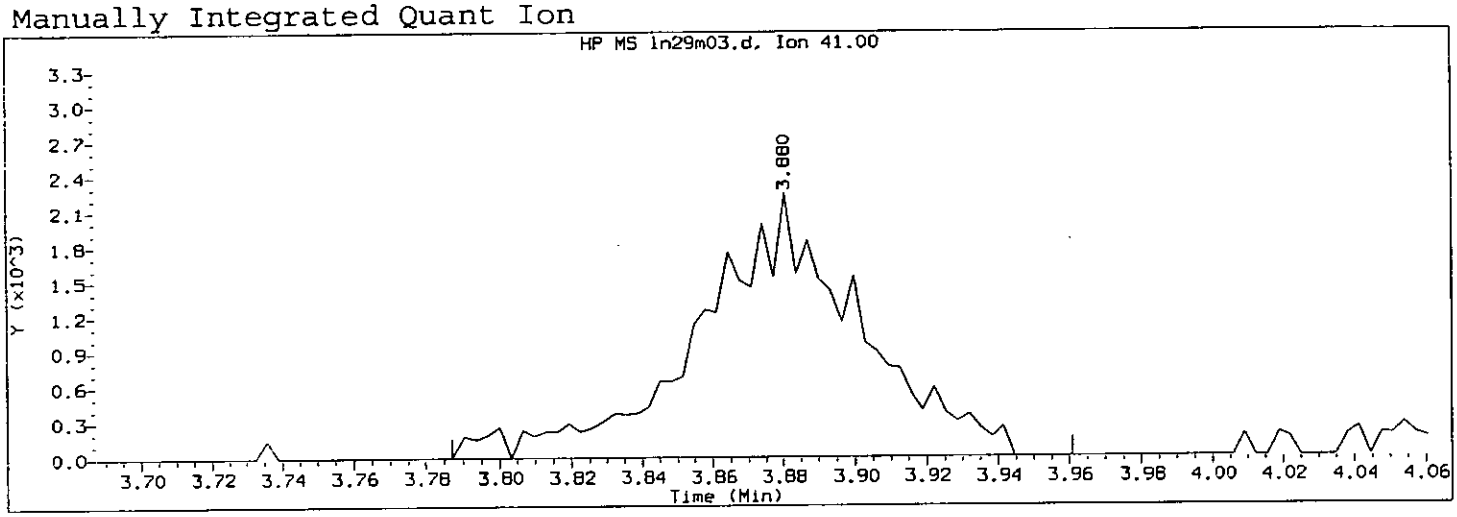
Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
142) 1,2,4-Trichlorobenzene	(3)	14.324	180	8927	0.870
143) Hexachlorobutadiene	(3)	14.427	225	4707	0.967
144) Naphthalene	(3)	14.494	128	23076	0.750
145) 1,2,3-Trichlorobenzene	(3)	14.645	180	9851	0.967
146) 2-Methylnaphthalene	(3)	15.247	142	9233	7.042
51) $Dibromofluoromethane	(1)	6.633	113	4659	0.820
62) $1,2-Dichloroethane-d4	(1)	7.093	102	1062	0.790
89) $Toluene-d8	(2)	9.600	98	16969	0.765
113) $4-Bromofluorobenzene	(2)	12.057	95	7058	0.761

$ = Compound is a surrogate standard.

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP09915.i/07nov29d.b/ln29m03.d Instrument ID: HP09915.i
Injection date and time: 29-NOV-2007 22:53 Analyst ID: LCM01518

Method used: /chem/HP09915.i/07nov29d.b/L8260W.m Sublist used: 8260W
Calibration date and time: 30-NOV-2007 00:28
Date, time and analyst ID of latest file update: 30-Nov-2007 01:46 sas00403

Sample Name: 1PPB MDL Lab Sample ID: 1 PPB MDL

Compound Number : 23
Compound Name : Allyl Chloride
Scan Number : 715
Retention Time (minutes): 3.880
Quant Ion : 41
Area (flag) : 6940 M
Concentration (ug/L) : 0.9095
Integration start scan : 685 Integration stop scan: 739
Y at integration start : 0 Y at integration end: 0

Reason for manual integration (circle one): missed peak improper integration

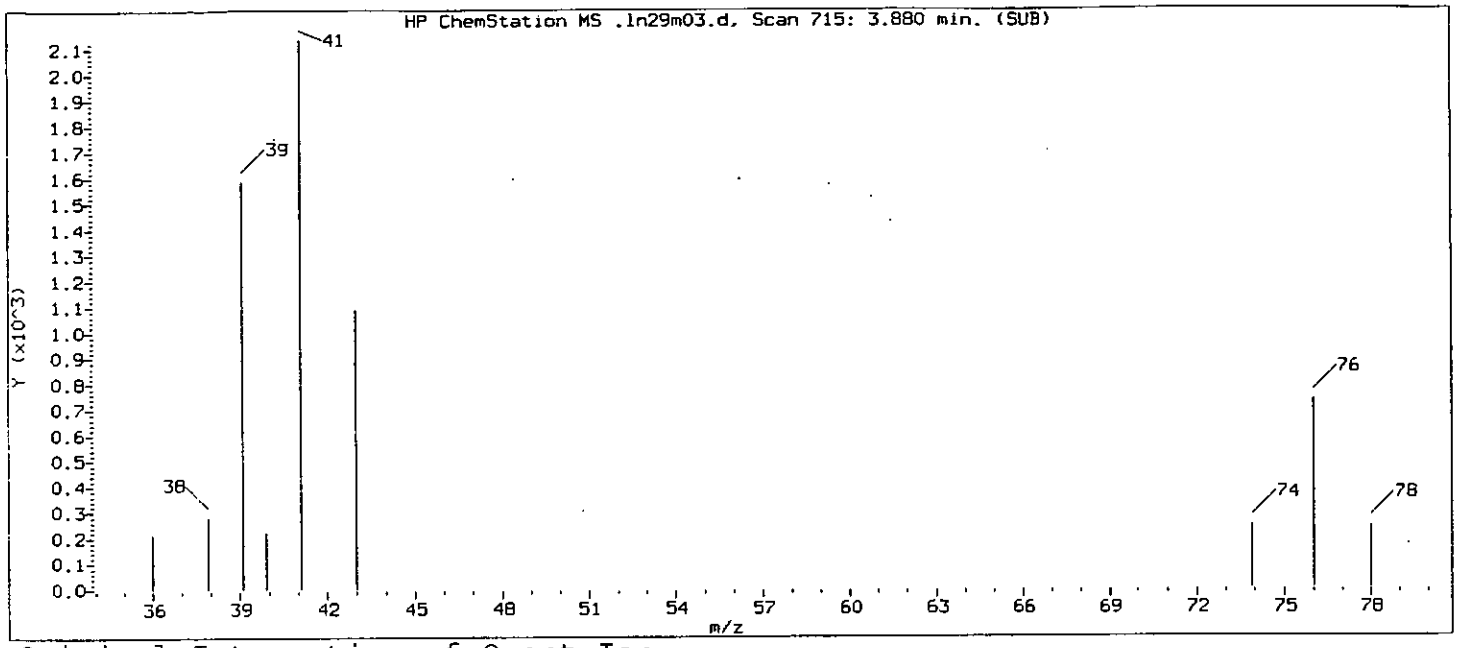
Analyst responsible for change: _____ 12/4/07

0213

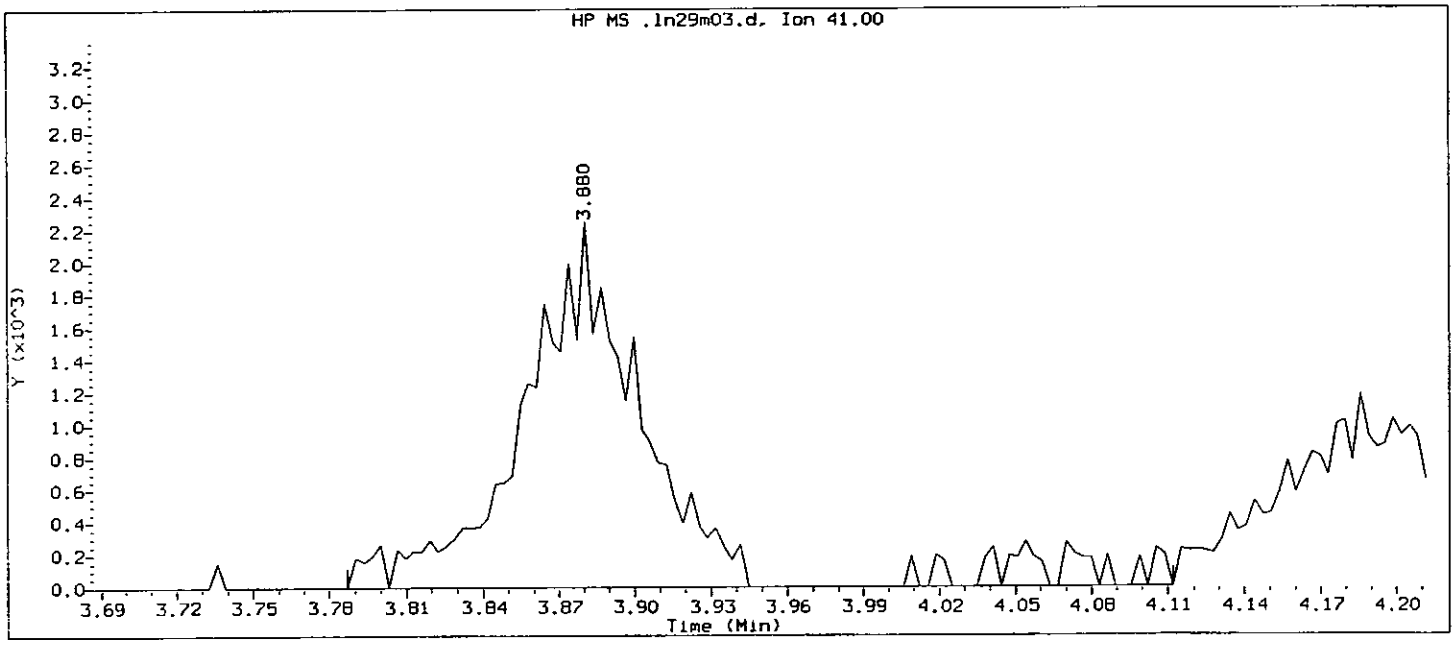
GC/MS audit/management approval: _____ 12/3/07

Manual Integration Report for data file /chem/HP09915.i/07nov29d.b/ln29m03.d, generated on 11/30/2007 at 01:46

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP09915.i/07nov29d.b/ln29m03.d Instrument ID: HP09915.i
Injection date and time: 29-NOV-2007 22:53 Analyst ID: LCM01518

Method used: /chem/HP09915.i/07nov29d.b/L8260W.m Sublist used: 8260W
Calibration date and time: 30-NOV-2007 00:28
Date, time and analyst ID of latest file update: 30-Nov-2007 01:45 sas00403

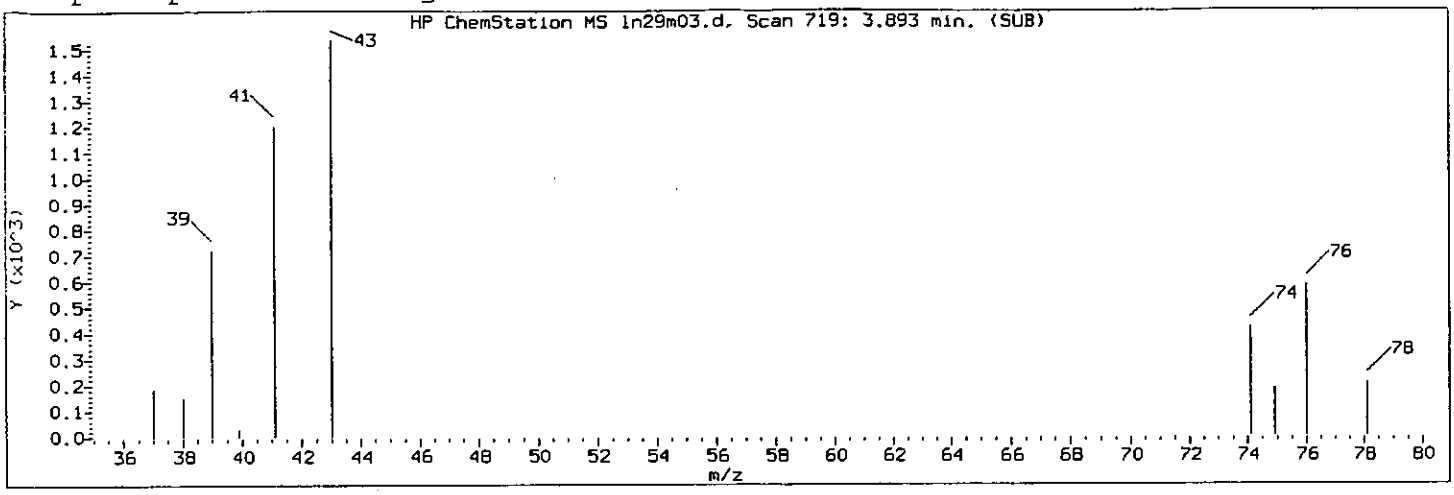
Sample Name: 1PPB MDL Lab Sample ID: 1 PPB MDL

Compound Number : 23
Compound Name : Allyl Chloride
Scan Number : 715
Retention Time (minutes): 3.880
Quant Ion : 41
Area : 7641
Concentration (ug/L) : 1.0013
Integration start scan : 685 Integration stop scan: 786
Y at integration start : 0 Y at integration end: 0

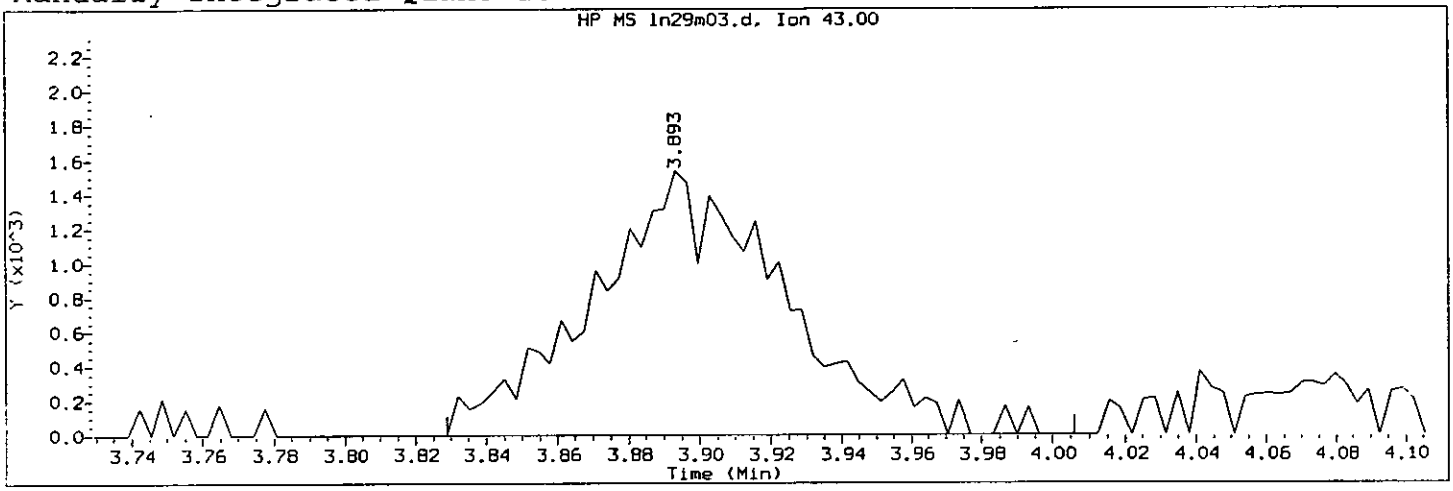
8214

Original Integration Report for data file /chem/HP09915.i/07nov29d.b/ln29m03.d, generated on 11/30/2007 at 01:46

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP09915.i/07nov29d.b/ln29m03.d Instrument ID: HP09915.i
Injection date and time: 29-NOV-2007 22:53 Analyst ID: LCM01518

Method used: /chem/HP09915.i/07nov29d.b/L8260W.m Sublist used: 8260W
Calibration date and time: 30-NOV-2007 00:28
Date, time and analyst ID of latest file update: 30-Nov-2007 01:46 sas00403

Sample Name: 1PPB MDL Lab Sample ID: 1 PPB MDL

Compound Number	: 25
Compound Name	: Methyl Acetate
Scan Number	: 719
Retention Time (minutes)	: 3.893
Quant Ion	: 43
Area (flag)	: 5744 M
Concentration (ug/L)	: 1.0888
Integration start scan	: 698 Integration stop scan: 753
Y at integration start	: 0 Y at integration end: 0

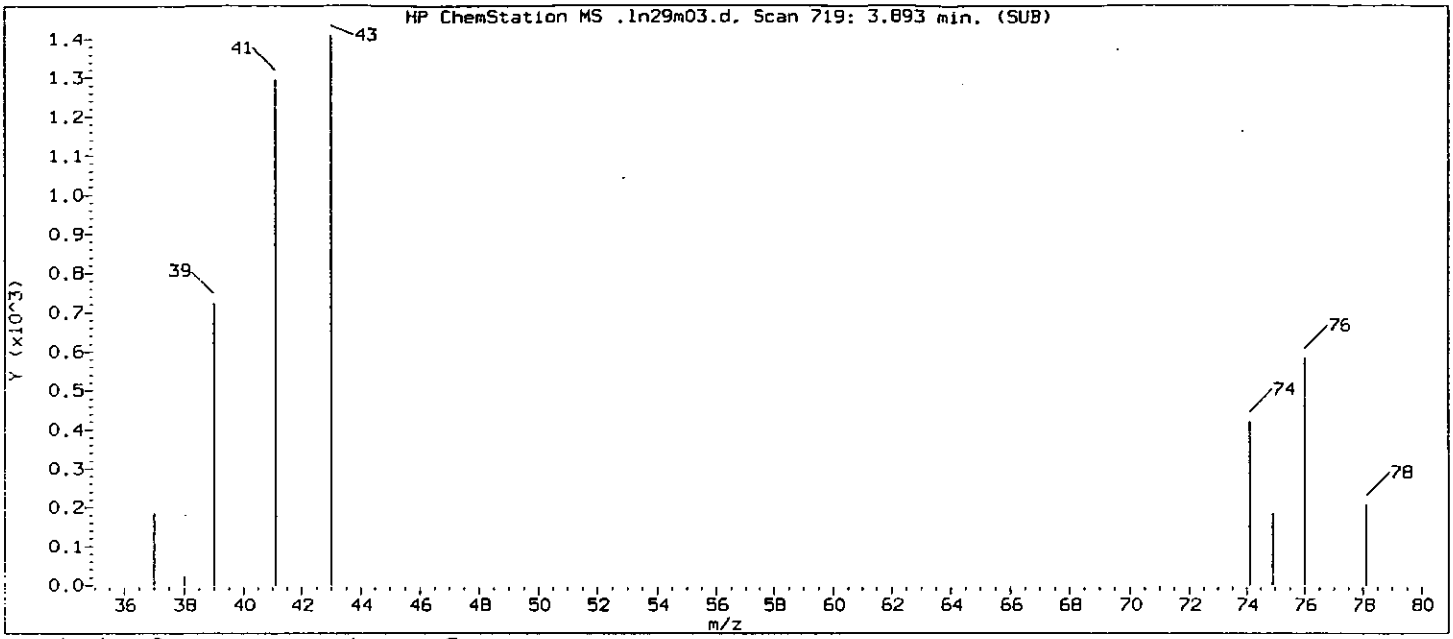
Reason for manual integration (circle one): missed peak improper integration

Analyst responsible for change: _____ 11/30/07

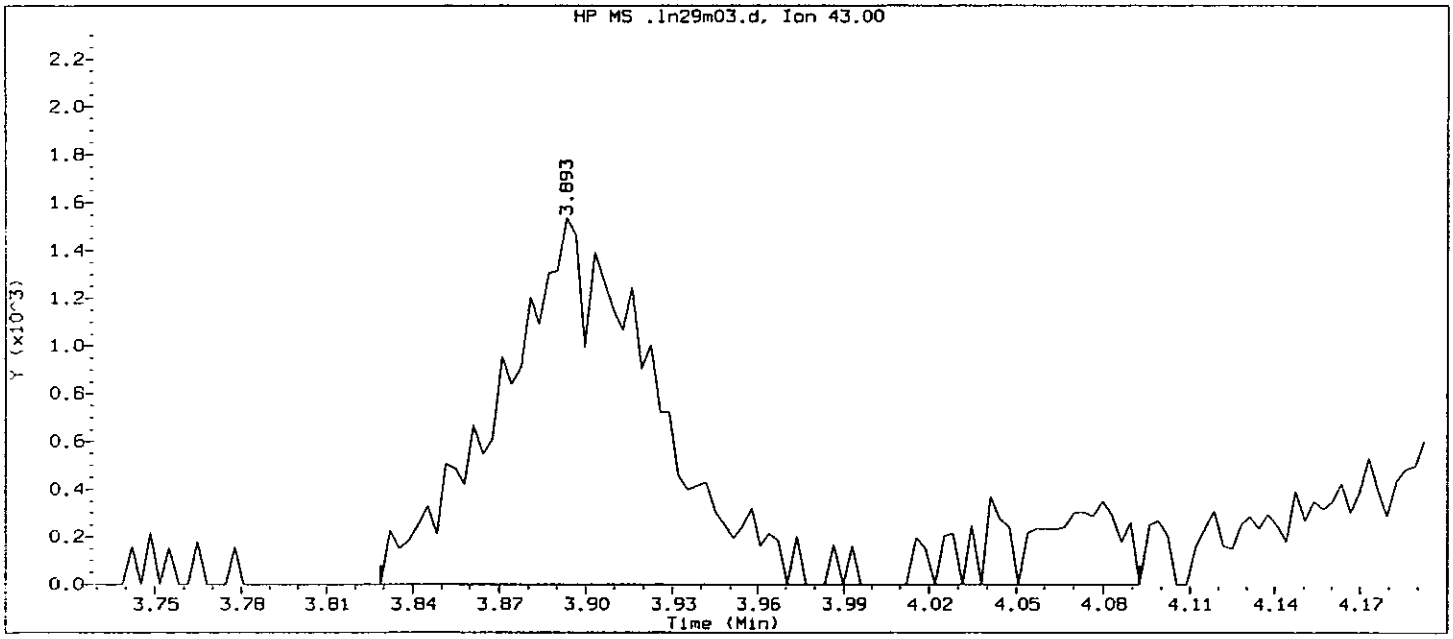
8215

GC/MS audit/management approval: _____ 12/3/07

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP09915.i/07nov29d.b/ln29m03.d Instrument ID: HP09915.i
Injection date and time: 29-NOV-2007 22:53 Analyst ID: LCM01518

Method used: /chem/HP09915.i/07nov29d.b/L8260W.m Sublist used: 8260W
Calibration date and time: 30-NOV-2007 00:28
Date, time and analyst ID of latest file update: 30-Nov-2007 01:45 sas00403

Sample Name: 1PPB MDL Lab Sample ID: 1 PPB MDL

Compound Number : 25
Compound Name : Methyl Acetate
Scan Number : 719
Retention Time (minutes): 3.893
Quant Ion : 43
Area : 6711
Concentration (ug/L) : 1.2721
Integration start scan : 698 Integration stop scan: 780
Y at integration start : 0 Y at integration end: 0

0216

Original Integration Report for data file /chem/HP09915.i/07nov29d.b/ln29m03.d, generated on 11/30/2007 at 01:46

INITIAL CALIBRATION VERIFICATION

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Instrument ID: HP09915 ICV Date: 11/30/07 Time: 01:19

Lab File ID: ln29l01.d Init. Calib. Date(s): 11/29/07 11/30/07

Matrix: (soil/water) WATER Level: (low/med) LOW GC Column: DB-624 ID: .25

	COMPOUND	RRF	RRF	ACTUAL CONC.	TRUE CONC.	% DRIFT	
	Dichlorodifluoromethane	0.2953	0.3401	23.04	20	15	
#	Chloromethane	0.2431	0.2868	23.59	20	18	#
*	Vinyl Chloride	0.2669	0.2935	21.99	20	10	*
	Bromomethane	0.1817	0.1418	15.61	20	-22	
	Chloroethane	0.1343	0.1114	16.59	20	-17	
	Trichlorofluoromethane	0.3543	0.3243	18.31	20	-8	
	Ethyl Ether	0.1808	0.1253	13.86	20	-31	
	Acrolein	1.7705	1.6709	141.56	150	-6	
*	1,1-Dichloroethene	0.2224	0.2117	19.04	20	-5	*
	Freon 113	0.2680	0.2142	15.98	20	-20	
	Acetone	0.0827	0.0889	161.27	150	8	
	Methyl Iodide	0.4272	0.3810	17.84	20	-11	
	2-Propanol	0.6875	0.6153	134.24	150	-11	
	Carbon Disulfide	0.8643	0.7207	16.68	20	-17	
	Allyl Chloride	0.3083	0.3325	21.57	20	8	
	Methyl Acetate	0.2132	0.3190	29.93	20	50	
	Methylene Chloride	0.2597	0.2556	19.68	20	-2	
	t-Butyl Alcohol	1.0909	0.9934	182.13	200	-9	
	Acrylonitrile	0.1201	0.1194	99.46	100	-1	
	trans-1,2-Dichloroethene	0.2481	0.2304	18.58	20	-7	
	Methyl Tertiary Butyl Ether	0.7132	0.6598	18.50	20	-7	
	n-Hexane	0.3965	0.3153	15.90	20	-21	
	1,2-Dichloroethene (total)	0.2505	0.2384	38.05	40	-5	
#	1,1-Dichloroethane	0.4214	0.4105	19.48	20	-3	#
	di-Isopropyl Ether	0.7013	0.6904	19.69	20	-2	
	2-Chloro-1,3-Butadiene	0.3116	0.2907	18.66	20	-7	
	Ethyl t-Butyl Ether	0.6442	0.6341	19.69	20	-2	
	cis-1,2-Dichloroethene	0.2530	0.2463	19.47	20	-3	
	2-Butanone	0.1482	0.1480	149.77	150	0	
	2,2-Dichloropropane	0.3092	0.2896	18.74	20	-6	
	Propionitrile	1.4950	1.4587	146.36	150	-2	
	Methacrylonitrile	0.1350	0.1367	151.87	150	1	
	Bromochloromethane	0.1245	0.1287	20.67	20	3	
	Tetrahydrofuran	1.2589	1.2906	102.52	100	3	
*	Chloroform	0.4043	0.4034	19.95	20	0	*
	1,1,1-Trichloroethane	0.3442	0.3259	18.94	20	-5	

8217

Minimum RRF for SPCC(#)=0.10 (0.30 for Chlorobenzene, 1,1,2,2-Tetrachloroethane)
Maximum %Drift for CCC(*)=20%

INITIAL CALIBRATION VERIFICATION

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Instrument ID: HP09915 ICV Date: 11/30/07 Time: 01:19

Lab File ID: ln29101.d Init. Calib. Date(s): 11/29/07 11/30/07

Matrix: (soil/water) WATER Level: (low/med) LOW GC Column: DB-624 ID: .25

	COMPOUND	RRF	RRF	ACTUAL CONC.	TRUE CONC.	% DRIFT	
	Cyclohexane	0.4457	0.3867	17.35	20	-13	
	1,1-Dichloropropene	0.3317	0.3142	18.95	20	-5	
	Carbon Tetrachloride	0.3047	0.2844	18.67	20	-7	
	Isobutyl Alcohol	0.3937	0.3500	444.56	500	-11	
	Benzene	0.9873	0.9654	19.56	20	-2	
	1,2-Dichloroethane	0.3297	0.3270	19.84	20	-1	
	t-Amyl Methyl Ether	0.6199	0.6076	19.60	20	-2	
	n-Heptane	0.3820	0.3229	16.90	20	-15	
	n-Butanol	0.3496	0.2987	854.35	1000	-15	
	Trichloroethene	0.2546	0.2513	19.74	20	-1	
*	1,2-Dichloropropane	0.2596	0.2590	19.96	20	0	*
	Methylcyclohexane	0.4262	0.4271	20.04	20	0	
	Methyl Methacrylate	0.2332	0.2123	18.21	20	-9	
	Dibromomethane	0.1679	0.1669	19.88	20	-1	
	1,4-Dioxane	0.1088	0.0985	452.97	500	-9	
	Bromodichloromethane	0.2987	0.2932	19.63	20	-2	
	2-Nitropropane	0.0733	0.0676	16.68	20	-17	
	2-Chloroethyl Vinyl Ether	0.1797	0.1776	19.76	20	-1	
	cis-1,3-Dichloropropene	0.3834	0.3849	20.07	20	0	
	4-Methyl-2-Pentanone	0.3261	0.3136	88.14	100	-12	
*	Toluene	0.8287	0.8219	19.84	20	-1	*
	trans-1,3-Dichloropropene	0.4939	0.4880	19.76	20	-1	
	Ethyl Methacrylate	0.4762	0.4974	20.89	20	4	
	1,1,2-Trichloroethane	0.3220	0.3187	19.79	20	-1	
	Tetrachloroethene	0.3674	0.3491	19.00	20	-5	
	1,3-Dichloropropane	0.5508	0.5449	19.78	20	-1	
	2-Hexanone	0.3435	0.3199	84.19	100	-16	
	Dibromochloromethane	0.3457	0.3372	19.51	20	-2	
	1,2-Dibromoethane	0.3506	0.3478	19.84	20	-1	
#	Chlorobenzene	0.9598	0.9561	19.92	20	0	#
	1,1,1,2-Tetrachloroethane	0.3223	0.3140	19.48	20	-3	
*	Ethylbenzene	1.6124	1.5971	19.81	20	-1	*
	m+p-Xylene	0.6335	0.6326	39.94	40	0	
	Xylene (Total)	0.6137	0.6245	60.43	60	1	
	o-Xylene	0.5938	0.6082	20.48	20	2	
	Styrene	0.9657	0.9982	20.67	20	3	

0218

Minimum RRF for SPCC(#)=0.10 (0.30 for Chlorobenzene, 1,1,2,2-Tetrachloroethane)
Maximum %Drift for CCC(*)=20%

INITIAL CALIBRATION VERIFICATION

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Instrument ID: HP09915 ICV Date: 11/30/07 Time: 01:19

Lab File ID: ln29101.d Init. Calib. Date(s): 11/29/07 11/30/07

Matrix: (soil/water) WATER Level: (low/med) LOW GC Column: DB-624 ID: .25

	COMPOUND	RRF	RRF	ACTUAL CONC.	TRUE CONC.	% DRIFT	
#	Bromoform	0.2551	0.2362	18.52	20	-7	#
	Isopropylbenzene	1.5477	1.5377	19.87	20	-1	
	Cyclohexanone	0.4031	0.3461	429.22	500	-14	
#	1,1,2,2-Tetrachloroethane	0.9545	0.9191	19.26	20	-4	#
	trans-1,4-Dichloro-2-Butene	0.2657	0.2455	92.39	100	-8	
	Bromobenzene	0.7276	0.7227	19.86	20	-1	
	1,2,3-Trichloropropane	0.2616	0.2568	19.63	20	-2	
	n-Propylbenzene	0.8278	0.8177	19.76	20	-1	
	2-Chlorotoluene	0.7024	0.6935	19.75	20	-1	
	1,3,5-Trimethylbenzene	1.1962	1.2065	20.17	20	1	
	4-Chlorotoluene	0.7323	0.7300	19.94	20	0	
	tert-Butylbenzene	0.5276	0.5232	19.83	20	-1	
	Pentachloroethane	0.4469	0.4404	19.71	20	-1	
	1,2,4-Trimethylbenzene	2.5461	2.5902	20.35	20	2	
	sec-Butylbenzene	0.6355	0.6214	19.56	20	-2	
	p-Isopropyltoluene	0.7243	0.7232	19.97	20	0	
	1,3-Dichlorobenzene	1.4144	1.3941	19.71	20	-1	
	1,4-Dichlorobenzene	1.5017	1.4716	19.60	20	-2	
	1,2,3-Trimethylbenzene	1.0805	1.1267	20.86	20	4	
	Benzyl Chloride	1.7401	1.6002	18.39	20	-8	
	1,3-Diethylbenzene	1.5680	1.6451	20.98	20	5	
	1,4-Diethylbenzene	1.6695	1.7441	20.89	20	4	
	n-Butylbenzene	1.3932	1.3914	19.97	20	0	
	1,2-Dichlorobenzene	1.3876	1.3638	19.66	20	-2	
	1,2-Diethylbenzene	1.3299	1.3707	20.61	20	3	
	1,2-Dibromo-3-Chloropropane	0.2037	0.1881	18.46	20	-8	
	1,2,4-Trichlorobenzene	1.0309	1.0235	19.86	20	-1	
	Hexachlorobutadiene	0.4894	0.4646	18.99	20	-5	
	Naphthalene	3.0932	3.0127	19.48	20	-3	
	1,2,3-Trichlorobenzene	1.0236	1.0253	20.03	20	0	
	2-Methylnaphthalene	1.5713	1.5438	17.73	20	-11	

Average %Drift 6

8219

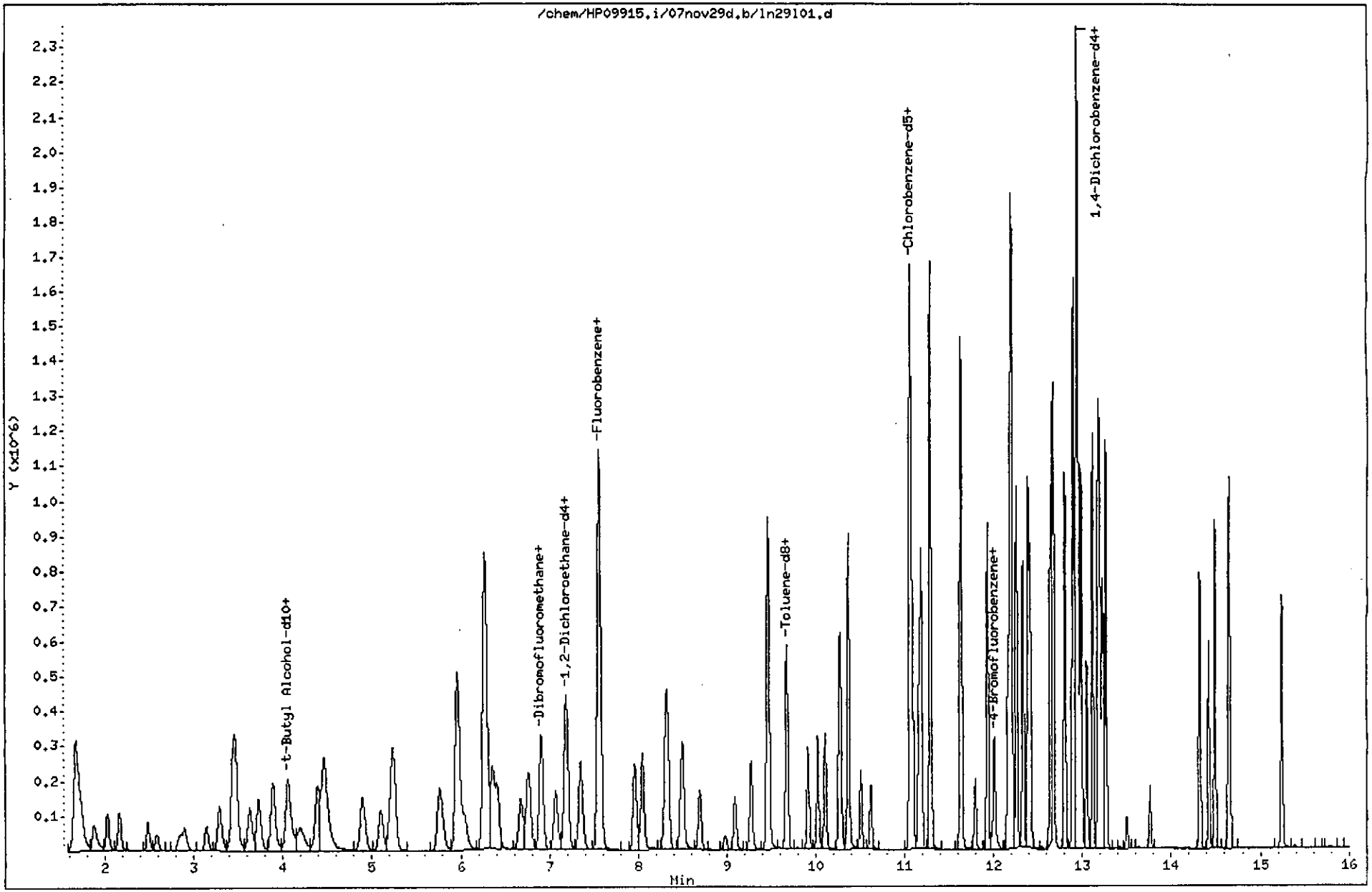
Minimum RRF for SPCC(#)=0.10 (0.30 for Chlorobenzene, 1,1,2,2-Tetrachloroethane)
Maximum %Drift for CCC(*)=20%

Data File: /chem/HP09915.i/07nov29d.b/ln29101.d
Date : 30-NOV-2007 01:19
Client ID: LCSICV
Sample Info: LCSICV;LCSICV;1;3;LCS;;
Purge Volume: 5.0
Column phase: DB-624

Instrument: HP09915.i

Operator: LCH01518
Column diameter: 0.25

8226



Quant Report

Target Revision 3.5

Data File: /chem/HP09915.i/07nov29d.b/ln29l01.d Instrument ID: HP09915.i
Injection date and time: 30-NOV-2007 01:19 Analyst ID: LCM01518

Method used: /chem/HP09915.i/07nov29d.b/L8260W.m Sublist used: 8260W
Calibration date and time: 29-NOV-2007 21:45
Date, time and analyst ID of latest file update: 30-Nov-2007 01:37 Automation

Sample Name: LCSICV Lab Sample ID: LCSICV

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
1) Dichlorodifluoromethane	(1)	1.877	85	173573	23.036
2) Chloromethane	(1)	2.032	50	146366	23.590
3) Vinyl Chloride	(1)	2.163	62	149818	21.994
6) Bromomethane	(1)	2.485	94	72393	15.612
7) Chloroethane	(1)	2.588	64	56834	16.587
8) Trichlorofluoromethane	(1)	2.890	101	165507	18.308
10) Ethyl Ether	(1)	3.141	59	63968	13.863
15) Acrolein	(4)	3.292	56	209526	141.559
16) 1,1-Dichloroethene	(1)	3.433	96	108062	19.044
17) Freon 113	(1)	3.469	101	109320	15.982
18) Acetone	(1)	3.469	43	340452	161.273
20) Methyl Iodide	(1)	3.630	142	194478	17.838
21) 2-Propanol	(4)	3.633	45	77155	134.242
22) Carbon Disulfide	(1)	3.729	76	367850	16.677
23) Allyl Chloride	(1)	3.887	41	169710	21.570
25) Methyl Acetate	(1)	3.903	43	162827	29.933
26) Methylene Chloride	(1)	4.057	84	130447	19.682
27)*t-Butyl Alcohol-d10	(4)	4.080	65	208996	250.000
28) t-Butyl Alcohol	(4)	4.205	59	166098	182.128
29) Acrylonitrile	(1)	4.385	53	304757	99.456
30) trans-1,2-Dichloroethene	(1)	4.459	96	117612	18.577
31) Methyl Tertiary Butyl Ether	(1)	4.482	73	336723	18.501
33) n-Hexane	(1)	4.900	57	160899	15.900
40) 1,2-Dichloroethene (total)	(1)		96	243317	38.048
36) 1,1-Dichloroethane	(1)	5.096	63	209511	19.482
37) di-Isopropyl Ether	(1)	5.224	45	352371	19.690
39) 2-Chloro-1,3-Butadiene	(1)	5.244	53	148365	18.655
41) Ethyl t-Butyl Ether	(1)	5.765	59	323619	19.686
42) cis-1,2-Dichloroethene	(1)	5.954	96	125705	19.471
43) 2-Butanone	(1)	5.964	43	566332	149.770
44) 2,2-Dichloropropane	(1)	5.974	77	147828	18.736
45) Propionitrile	(4)	6.048	54	182919	146.362
46) Methacrylonitrile	(1)	6.273	67	523161	151.867
47) Bromochloromethane	(1)	6.295	128	65705	20.674

8221

* = Compound is an internal standard.

Quant Report

Target Revision 3.5

Data File: /chem/HP09915.i/07nov29d.b/ln29l01.d Instrument ID: HP09915.i
Injection date and time: 30-NOV-2007 01:19 Analyst ID: LCM01518

Method used: /chem/HP09915.i/07nov29d.b/L8260W.m Sublist used: 8260W
Calibration date and time: 29-NOV-2007 21:45
Date, time and analyst ID of latest file update: 30-Nov-2007 01:37 Automation

Sample Name: LCSICV Lab Sample ID: LCSICV

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
48) Tetrahydrofuran	(4)	6.359	71	107894	102.518
49) Chloroform	(1)	6.414	83	205871	19.953
54) 1,1,1-Trichloroethane	(1)	6.681	97	166355	18.941
55) Cyclohexane	(1)	6.768	56	197346	17.351
58) 1,1-Dichloropropene	(1)	6.906	75	160357	18.946
59) Carbon Tetrachloride	(1)	6.906	117	145131	18.666
60) Isobutyl Alcohol	(4)	7.064	41	146315	444.557
64) Benzene	(1)	7.186	78	492743	19.557
65) 1,2-Dichloroethane	(1)	7.199	62	166896	19.839
68) t-Amyl Methyl Ether	(1)	7.353	73	310090	19.603
70) n-Heptane	(1)	7.575	43	164803	16.904
71)*Fluorobenzene	(1)	7.559	96	1275948	50.000
73) n-Butanol	(4)	7.961	56	249719	854.345
74) Trichloroethene	(1)	8.051	95	128264	19.742
77) 1,2-Dichloropropane	(1)	8.334	63	132210	19.959
75) Methylcyclohexane	(1)	8.314	83	218005	20.045
80) Methyl Methacrylate	(1)	8.501	69	108367	18.208
79) Dibromomethane	(1)	8.485	93	85165	19.879
81) 1,4-Dioxane	(4)	8.510	88	41187	452.969
82) Bromodichloromethane	(1)	8.694	83	149628	19.629
83) 2-Nitropropane	(1)	8.983	41	34484	16.680
84) 2-Chloroethyl Vinyl Ether	(1)	9.096	63	90644	19.761
85) cis-1,3-Dichloropropene	(1)	9.272	75	196428	20.074
87) 4-Methyl-2-Pentanone	(1)	9.462	43	800195	88.137
90) Toluene	(2)	9.674	92	305875	19.836
91) trans-1,3-Dichloropropene	(2)	9.916	75	181615	19.761
92) Ethyl Methacrylate	(2)	10.022	69	185130	20.891
93) 1,1,2-Trichloroethane	(2)	10.108	97	118595	19.792
94) Tetrachloroethene	(2)	10.269	166	129907	19.001
95) 1,3-Dichloropropane	(2)	10.282	76	202793	19.784
96) 2-Hexanone	(2)	10.366	43	595213	84.194
98) Dibromochloromethane	(2)	10.510	129	125498	19.507
100) 1,2-Dibromoethane	(2)	10.620	107	129450	19.841
101)*Chlorobenzene-d5	(2)	11.060	117	930413	50.000

0222

* = Compound is an internal standard.

Quant Report

Target Revision 3.5

Data File: /chem/HP09915.i/07nov29d.b/ln29l01.d Instrument ID: HP09915.i
Injection date and time: 30-NOV-2007 01:19 Analyst ID: LCM01518

Method used: /chem/HP09915.i/07nov29d.b/L8260W.m Sublist used: 8260W
Calibration date and time: 29-NOV-2007 21:45
Date, time and analyst ID of latest file update: 30-Nov-2007 01:37 Automation

Sample Name: LCSICV Lab Sample ID: LCSICV

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
102) Chlorobenzene	(2)	11.086	112	355815	19.922
103) 1,1,1,2-Tetrachloroethane	(2)	11.157	131	116851	19.481
104) Ethylbenzene	(2)	11.186	91	594393	19.811
105) m+p-Xylene	(2)	11.288	106	470876	39.941
106) Xylene (Total)	(2)		106	697233	60.425
107) o-Xylene	(2)	11.629	106	226356	20.484
108) Styrene	(2)	11.639	104	371491	20.673
109) Bromoform	(2)	11.796	173	87907	18.519
111) Isopropylbenzene	(2)	11.932	105	572267	19.870
115) Cyclohexanone	(4)	12.005	55	144660	429.217
116) 1,1,2,2-Tetrachloroethane	(3)	12.160	83	192604	19.258
118) trans-1,4-Dichloro-2-Butene	(3)	12.202	53	257210	92.390
117) Bromobenzene	(3)	12.182	156	151452	19.865
119) 1,2,3-Trichloropropane	(3)	12.198	110	53821	19.631
120) n-Propylbenzene	(3)	12.256	120	171364	19.756
122) 2-Chlorotoluene	(3)	12.330	126	145326	19.745
123) 1,3,5-Trimethylbenzene	(3)	12.388	120	252836	20.171
125) 4-Chlorotoluene	(3)	12.411	126	152988	19.937
126) tert-Butylbenzene	(3)	12.639	134	109651	19.833
127) Pentachloroethane	(3)	12.661	167	92288	19.708
128) 1,2,4-Trimethylbenzene	(3)	12.671	105	542800	20.346
129) sec-Butylbenzene	(3)	12.803	134	130226	19.556
130) p-Isopropyltoluene	(3)	12.903	134	151546	19.969
131) 1,3-Dichlorobenzene	(3)	12.893	146	292143	19.712
132)*1,4-Dichlorobenzene-d4	(3)	12.938	152	523906	50.000
133) 1,4-Dichlorobenzene	(3)	12.954	146	308391	19.599
134) 1,2,3-Trimethylbenzene	(3)	12.986	120	236120	20.855
135) Benzyl Chloride	(3)	13.047	91	335352	18.392
136) 1,3-Diethylbenzene	(3)	13.115	119	344751	20.984
137) 1,4-Diethylbenzene	(3)	13.176	119	365498	20.894
138) n-Butylbenzene	(3)	13.195	92	291589	19.975
139) 1,2-Dichlorobenzene	(3)	13.227	146	285795	19.656
140) 1,2-Diethylbenzene	(3)	13.263	119	287250	20.613
141) 1,2-Dibromo-3-Chloropropane	(3)	13.764	75	39416	18.464

* = Compound is an internal standard.

Quant Report

Target Revision 3.5

Data File: /chem/HP09915.i/07nov29d.b/ln29l01.d Instrument ID: HP09915.i
Injection date and time: 30-NOV-2007 01:19 Analyst ID: LCM01518

Method used: /chem/HP09915.i/07nov29d.b/L8260W.m Sublist used: 8260W
Calibration date and time: 29-NOV-2007 21:45
Date, time and analyst ID of latest file update: 30-Nov-2007 01:37 Automation

Sample Name: LCSICV Lab Sample ID: LCSICV

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
142) 1,2,4-Trichlorobenzene	(3)	14.320	180	214488	19.856
143) Hexachlorobutadiene	(3)	14.423	225	97356	18.986
144) Naphthalene	(3)	14.491	128	631347	19.479
145) 1,2,3-Trichlorobenzene	(3)	14.645	180	214869	20.034
146) 2-Methylnaphthalene	(3)	15.243	142	323516	17.733
51)$Dibromofluoromethane	(1)	6.906	113	2401	0.410
62)$1,2-Dichloroethane-d4	(1)	7.192	102	1365	0.985
89)$Toluene-d8	(2)	9.604	98	1535	0.066
113)$4-Bromofluorobenzene	(2)	12.054	95	2620	0.271

$ = Compound is a surrogate standard.

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Instrument ID: HP09915 Calibration Date: 12/04/07 Time: 17:24

Lab File ID: ld04c01.d Init. Calib. Date(s): 11/29/07 11/30/07

Matrix: (soil/water) WATER Level: (low/med) LOW GC Column: DB-624 ID: .25

	COMPOUND	RRF	RRF100	ACTUAL CONC.	TRUE CONC.	% DRIFT	
	Dichlorodifluoromethane	0.2953	0.3540	119.90	100	20	
#	Chloromethane	0.2431	0.2983	122.67	100	23	#
*	Vinyl Chloride	0.2669	0.3070	115.00	100	15	*
	Bromomethane	0.1817	0.1971	108.49	100	8	
	Chloroethane	0.1343	0.1492	111.12	100	11	
	Trichlorofluoromethane	0.3543	0.3892	109.86	100	10	
	Ethyl Ether	0.1808	0.1674	92.57	100	-7	
	Acrolein	1.7705	1.1584	654.24	1000	-35	
*	1,1-Dichloroethene	0.2224	0.1984	89.21	100	-11	*
	Freon 113	0.2680	0.2324	86.71	100	-13	
	Acetone	0.0827	0.0772	186.59	200	-7	
	Methyl Iodide	0.4272	0.4208	98.50	100	-1	
	2-Propanol	0.6875	0.6564	477.36	500	-5	
	Carbon Disulfide	0.8643	0.8142	94.20	100	-6	
	Allyl Chloride	0.3083	0.3136	101.72	100	2	
	Methyl Acetate	0.2132	0.2244	105.29	100	5	
	Methylene Chloride	0.2597	0.2450	94.33	100	-6	
	t-Butyl Alcohol	1.0909	1.0448	478.85	500	-4	
	Acrylonitrile	0.1201	0.1370	114.09	100	14	
	trans-1,2-Dichloroethene	0.2481	0.2384	96.11	100	-4	
	Methyl Tertiary Butyl Ether	0.7132	0.7083	99.32	100	-1	
	n-Hexane	0.3965	0.3731	94.08	100	-6	
	1,2-Dichloroethene (total)	0.2505	0.2483	198.17	200	-1	
#	1,1-Dichloroethane	0.4214	0.4187	99.37	100	-1	#
	di-Isopropyl Ether	0.7013	0.7234	103.16	100	3	
	2-Chloro-1,3-Butadiene	0.3116	0.3192	102.44	100	2	
	Ethyl t-Butyl Ether	0.6442	0.6699	103.98	100	4	
	cis-1,2-Dichloroethene	0.2530	0.2582	102.06	100	2	
	2-Butanone	0.1482	0.1677	226.33	200	13	
	2,2-Dichloropropane	0.3092	0.3140	101.56	100	2	
	Propionitrile	1.4950	1.4830	495.99	500	-1	
	Methacrylonitrile	0.1350	0.1463	270.92	250	8	
	Bromochloromethane	0.1245	0.1326	106.46	100	6	
	Tetrahydrofuran	1.2589	1.3808	219.37	200	10	
*	Chloroform	0.4043	0.4079	100.90	100	1	*
	1,1,1-Trichloroethane	0.3442	0.3520	102.27	100	2	

0225

Minimum RRF for SPCC(#)=0.10 (0.30 for Chlorobenzene, 1,1,2,2-Tetrachloroethane)
Maximum %Drift for CCC(*)=20%

7A

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Instrument ID: HP09915 Calibration Date: 12/04/07 Time: 17:24

Lab File ID: ld04c01.d Init. Calib. Date(s): 11/29/07 11/30/07

Matrix: (soil/water) WATER Level: (low/med) LOW GC Column: DB-624 ID: .25

	COMPOUND	RRF	RRF100	ACTUAL CONC.	TRUE CONC.	% DRIFT	
	Cyclohexane	0.4457	0.4287	96.19	100	-4	
	Cyclohexane (mz 84)	0.3810	0.3674	96.44	100	-4	
	Cyclohexane (mz 69)	0.1404	0.1357	96.67	100	-3	
	1,1-Dichloropropene	0.3317	0.3336	100.59	100	1	
	Carbon Tetrachloride	0.3047	0.3124	102.55	100	3	
	Isobutyl Alcohol	0.3937	0.3882	1232.63	1250	-1	
	Benzene	0.9873	0.9909	100.37	100	0	
	1,2-Dichloroethane	0.3297	0.3340	101.30	100	1	
	1,2-Dichloroethane (mz 98)	0.0288	0.0293	101.70	100	2	
	t-Amyl Methyl Ether	0.6199	0.6513	105.06	100	5	
	n-Heptane	0.3820	0.3647	95.46	100	-5	
	n-Butanol	0.3496	0.3494	2498.60	2500	0	
	Trichloroethene	0.2546	0.2589	101.68	100	2	
*	1,2-Dichloropropane	0.2596	0.2662	102.53	100	3	*
	Methylcyclohexane (mz98)	0.1833	0.1866	101.82	100	2	
	Methylcyclohexane	0.4262	0.4342	101.88	100	2	
	Methyl Methacrylate	0.2332	0.2633	112.91	100	13	
	Dibromomethane	0.1679	0.1747	104.08	100	4	
	1,4-Dioxane	0.1088	0.1082	1243.42	1250	-1	
	Bromodichloromethane	0.2987	0.3183	106.56	100	7	
	2-Nitropropane	0.0733	0.0875	236.11	200	18	
	2-Chloroethyl Vinyl Ether	0.1797	0.2103	117.00	100	17	
	cis-1,3-Dichloropropene	0.3834	0.4122	107.51	100	8	
	4-Methyl-2-Pentanone	0.3261	0.3614	210.54	200	5	
*	Toluene	0.8287	0.8496	102.53	100	3	*
	trans-1,3-Dichloropropene	0.4939	0.5376	108.86	100	9	
	Ethyl Methacrylate	0.4762	0.5406	113.52	100	14	
	1,1,2-Trichloroethane	0.3220	0.3286	102.05	100	2	
	Tetrachloroethene	0.3674	0.3697	100.61	100	1	
	1,3-Dichloropropane	0.5508	0.5684	103.19	100	3	
	2-Hexanone	0.3435	0.3766	208.78	200	4	
	Dibromochloromethane	0.3457	0.3813	110.29	100	10	
	1,2-Dibromoethane	0.3506	0.3718	106.04	100	6	
#	Chlorobenzene	0.9598	0.9725	101.32	100	1	#
	1,1,1,2-Tetrachloroethane	0.3223	0.3401	105.50	100	5	
*	Ethylbenzene	1.6124	1.6686	103.49	100	3	*

0226

Minimum RRF for SPCC(#)=0.10 (0.30 for Chlorobenzene, 1,1,2,2-Tetrachloroethane)
Maximum %Drift for CCC(*)=20%

7A

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Instrument ID: HP09915 Calibration Date: 12/04/07 Time: 17:24

Lab File ID: ld04c01.d Init. Calib. Date(s): 11/29/07 11/30/07

Matrix: (soil/water) WATER Level: (low/med) LOW GC Column: DB-624 ID: .25

	COMPOUND	RRF	RRF100	ACTUAL CONC.	TRUE CONC.	% DRIFT	
	m+p-Xylene	0.6335	0.6647	104.92	100	5	
	Xylene (Total)	0.6137	0.6444	210.01	200	5	
	o-Xylene	0.5938	0.6240	105.08	100	5	
	Styrene	0.9657	1.0444	108.15	100	8	
#	Bromoform	0.2551	0.2875	112.71	100	13	#
	Isopropylbenzene	1.5477	1.6168	104.46	100	4	
	Cyclohexanone	0.4031	0.3832	1188.03	1250	-5	
#	1,1,2,2-Tetrachloroethane	0.9545	0.9501	99.55	100	0	#
	trans-1,4-Dichloro-2-Butene	0.2657	0.2653	249.60	250	0	
	Bromobenzene	0.7276	0.7396	101.64	100	2	
	1,2,3-Trichloropropane	0.2616	0.2706	103.43	100	3	
	n-Propylbenzene	0.8278	0.8309	100.37	100	0	
	2-Chlorotoluene	0.7024	0.7091	100.96	100	1	
	1,3,5-Trimethylbenzene	1.1962	1.2269	102.56	100	3	
	4-Chlorotoluene	0.7323	0.7355	100.42	100	0	
	tert-Butylbenzene	0.5276	0.5456	103.40	100	3	
	Pentachloroethane	0.4469	0.4943	110.59	100	11	
	1,2,4-Trimethylbenzene	2.5461	2.6202	102.91	100	3	
	sec-Butylbenzene	0.6355	0.6520	102.59	100	3	
	p-Isopropyltoluene	0.7243	0.7544	104.16	100	4	
	1,3-Dichlorobenzene	1.4144	1.4294	101.06	100	1	
	1,4-Dichlorobenzene	1.5017	1.4945	99.52	100	0	
	1,2,3-Trimethylbenzene	1.0805	1.1449	105.96	100	6	
	Benzyl Chloride	1.7401	1.9301	110.91	100	11	
	1,3-Diethylbenzene	1.5680	1.7041	108.68	100	9	
	1,4-Diethylbenzene	1.6695	1.7978	107.69	100	8	
	n-Butylbenzene	1.3932	1.3982	100.36	100	0	
	1,2-Dichlorobenzene	1.3876	1.3822	99.61	100	0	
	1,2-Diethylbenzene	1.3299	1.4230	107.00	100	7	
	1,2-Dibromo-3-Chloropropane	0.2037	0.2202	108.09	100	8	
	1,2,4-Trichlorobenzene	1.0309	1.0539	102.22	100	2	
	Hexachlorobutadiene	0.4894	0.4859	99.29	100	-1	
	Naphthalene	3.0932	3.2753	105.89	100	6	
	1,2,3-Trichlorobenzene	1.0236	1.0188	99.53	100	0	
	Dibromofluoromethane	0.2295	0.2467	53.76	50	8	

8227

Minimum RRF for SPCC(#)=0.10 (0.30 for Chlorobenzene, 1,1,2,2-Tetrachloroethane)
Maximum %Drift for CCC(*)=20%

7A

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Instrument ID: HP09915 Calibration Date: 12/04/07 Time: 17:24

Lab File ID: ld04c01.d Init. Calib. Date(s): 11/29/07 11/30/07

Matrix: (soil/water) WATER Level: (low/med) LOW GC Column: DB-624 ID: .25

COMPOUND	RRF	RRF100	ACTUAL CONC.	TRUE CONC.	% DRIFT
Dibromofluoromethane(mz111)	0.2365	0.2527	53.43	50	7
1,2-Dichloroethane-d4	0.0543	0.0563	51.79	50	4
1,2-Dichloroethane-d4(mz65)	0.2712	0.2867	52.86	50	6
1,2-Dichloroethane-d4(mz104)	0.0344	0.0358	52.00	50	4
Toluene-d8	1.2426	1.3519	54.40	50	9
Toluene-d8(mz100)	0.7748	0.8466	54.63	50	9
4-Bromofluorobenzene	0.5200	0.5270	50.67	50	1
4-Bromofluorobenzene(mz174)	0.4146	0.4179	50.40	50	1

Average %Drift 5

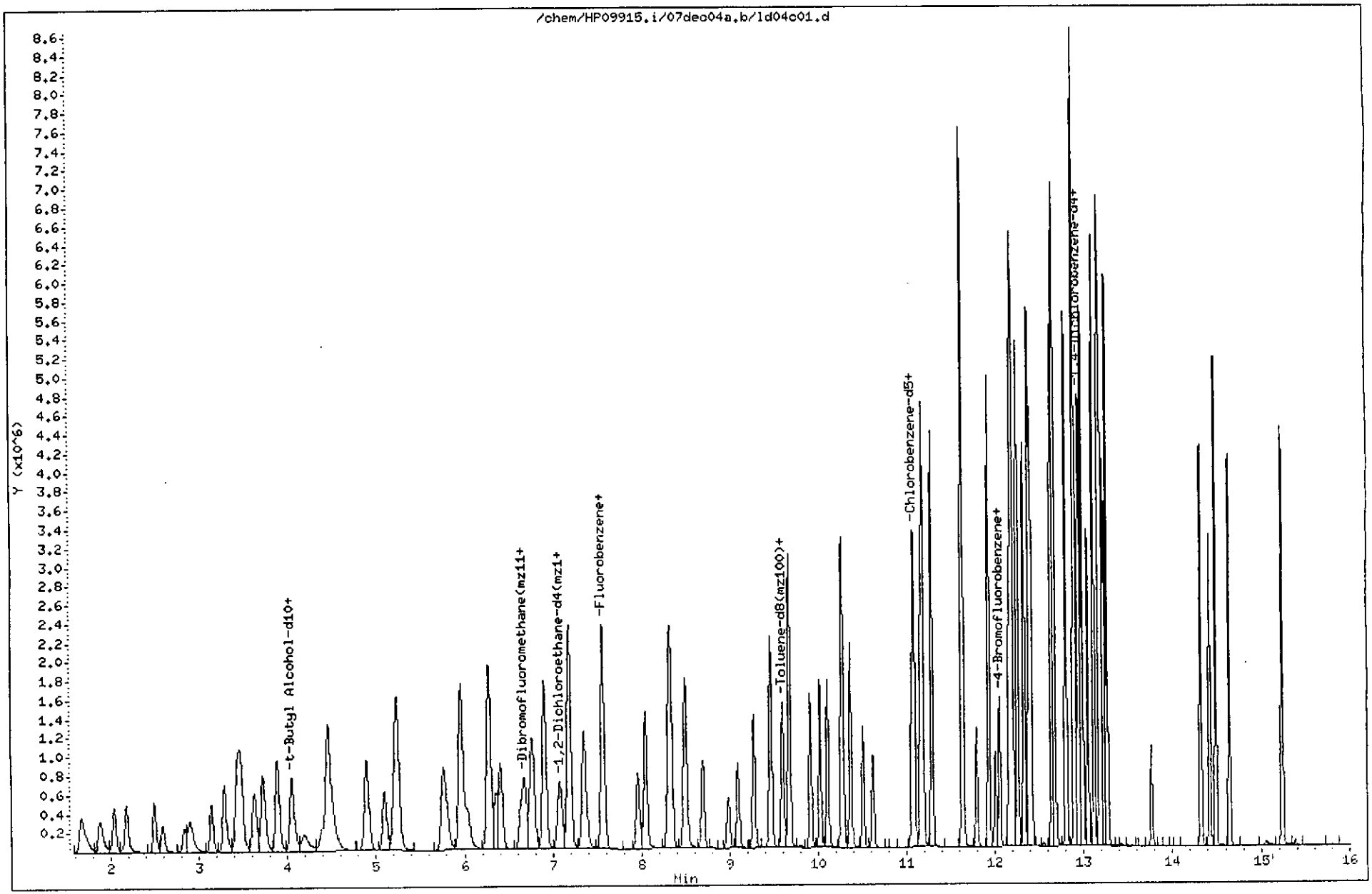
0228

Minimum RRF for SPCC(#)=0.10 (0.30 for Chlorobenzene, 1,1,2,2-Tetrachloroethane)
Maximum %Drift for CCC(*)=20%

Data File: /chem/HP09915.i/07dec04a.b/ld04c01.d
Date : 04-DEC-2007 17:24
Client ID: VSTD100
Sample Info: VSTD100;VSTD100;1;2;;;
Purge Volume: 5.0
Column phase: DB-624

Instrument: HP09915.i
Operator: SEW02002
Column diameter: 0.25

8229



Quant Report

Target Revision 3.5

Data File: /chem/HP09915.i/07dec04a.b/ld04c01.d Instrument ID: HP09915.i
Injection date and time: 04-DEC-2007 17:24 Analyst ID: SEW02002

Method used: /chem/HP09915.i/07dec04a.b/L8260W.m Sublist used: 8260WI-2M
Calibration date and time: 29-NOV-2007 21:45
Date, time and analyst ID of latest file update: 04-Dec-2007 17:47 sew02002

Sample Name: VSTD100 Lab Sample ID: VSTD100

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
1) Dichlorodifluoromethane	(1)	1.880	85	907422	119.901
2) Chloromethane	(1)	2.041	50	764503	122.674
3) Vinyl Chloride	(1)	2.179	62	786801	114.996
6) Bromomethane	(1)	2.494	94	505306	108.494
7) Chloroethane	(1)	2.591	64	382432	111.120
8) Trichlorofluoromethane	(1)	2.900	101	997590	109.863
10) Ethyl Ether	(1)	3.141	59	429046	92.571
15) Acrolein	(4)	3.289	56	1071248	654.240
16) 1,1-Dichloroethene	(1)	3.433	96	508452	89.210
17) Freon 113	(1)	3.478	101	595734	86.711
18) Acetone	(1)	3.466	43	395632	186.586
20) Methyl Iodide	(1)	3.623	142	1078708	98.504
21) 2-Propanol	(4)	3.626	45	303511	477.361
22) Carbon Disulfide	(1)	3.720	76	2087044	94.205
23) Allyl Chloride	(1)	3.884	41	803898M	101.723
25) Methyl Acetate	(1)	3.896	43	575264	105.286
26) Methylene Chloride	(1)	4.047	84	628002	94.335
27)*t-Butyl Alcohol-d10	(4)	4.073	65	231200	250.000
28) t-Butyl Alcohol	(4)	4.189	59	483099	478.847
29) Acrylonitrile	(1)	4.385	53	351142	114.089
30) trans-1,2-Dichloroethene	(1)	4.459	96	611182	96.109
31) Methyl Tertiary Butyl Ether	(1)	4.469	73	1815588	99.318
33) n-Hexane	(1)	4.893	57	956216	94.076
40) 1,2-Dichloroethene (total)	(1)		96	1272998	198.171
36) 1,1-Dichloroethane	(1)	5.096	63	1073335	99.368
37) di-Isopropyl Ether	(1)	5.224	45	1854313	103.161
39) 2-Chloro-1,3-Butadiene	(1)	5.240	53	818295	102.439
41) Ethyl t-Butyl Ether	(1)	5.764	59	1716982	103.983
42) cis-1,2-Dichloroethene	(1)	5.951	96	661816	102.061
43) 2-Butanone	(1)	5.967	43	859600	226.326
44) 2,2-Dichloropropane	(1)	5.967	77	804867	101.559
45) Propionitrile	(4)	6.041	54	685728	495.988
46) Methacrylonitrile	(1)	6.269	67	937396	270.916
47) Bromochloromethane	(1)	6.289	128	339827	106.456

M = Compound was manually integrated.

* = Compound is an internal standard.

Quant Report

Target Revision 3.5

Data File: /chem/HP09915.i/07dec04a.b/ld04c01.d Instrument ID: HP09915.i
Injection date and time: 04-DEC-2007 17:24 Analyst ID: SEW02002

Method used: /chem/HP09915.i/07dec04a.b/L8260W.m Sublist used: 8260WI-2M
Calibration date and time: 29-NOV-2007 21:45
Date, time and analyst ID of latest file update: 04-Dec-2007 17:47 sew02002

Sample Name: VSTD100 Lab Sample ID: VSTD100

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
48) Tetrahydrofuran	(4)	6.356	71	255397	219.365
49) Chloroform	(1)	6.411	83	1045647	100.899
54) 1,1,1-Trichloroethane	(1)	6.681	97	902207	102.270
55) Cyclohexane	(1)	6.771	56	1098885	96.187
57) Cyclohexane (mz 84)	(1)	6.768	84	941790	96.439
56) Cyclohexane (mz 69)	(1)	6.771	69	347814	96.667
58) 1,1-Dichloropropene	(1)	6.903	75	855158	100.592
59) Carbon Tetrachloride	(1)	6.912	117	800865	102.552
60) Isobutyl Alcohol	(4)	7.070	41	448794M	1232.634
64) Benzene	(1)	7.182	78	2539948	100.365
65) 1,2-Dichloroethane	(1)	7.198	62	855979	101.302
66) 1,2-Dichloroethane (mz 98)	(1)	7.198	98	75004	101.698
68) t-Amyl Methyl Ether	(1)	7.353	73	1669308	105.063
70) n-Heptane	(1)	7.568	43	934812	95.464
71)*Fluorobenzene	(1)	7.562	96	1281593	50.000
73) n-Butanol	(4)	7.960	56	807914	2498.599
74) Trichloroethene	(1)	8.051	95	663549	101.681
77) 1,2-Dichloropropane	(1)	8.337	63	682212	102.534
76) Methylcyclohexane (mz98)	(1)	8.314	98	478301	101.818
75) Methylcyclohexane	(1)	8.314	83	1112896	101.877
80) Methyl Methacrylate	(1)	8.504	69	674987	112.910
79) Dibromomethane	(1)	8.485	93	447862	104.079
81) 1,4-Dioxane	(4)	8.510	88	125074	1243.418
82) Bromodichloromethane	(1)	8.697	83	815899	106.561
83) 2-Nitropropane	(1)	8.986	41	448594	236.110
84) 2-Chloroethyl Vinyl Ether	(1)	9.096	63	539067	117.000
85) cis-1,3-Dichloropropene	(1)	9.276	75	1056665	107.510
87) 4-Methyl-2-Pentanone	(1)	9.462	43	1852638	210.538
90) Toluene	(2)	9.674	92	1602509	102.526
91) trans-1,3-Dichloropropene	(2)	9.912	75	1014060	108.856
92) Ethyl Methacrylate	(2)	10.022	69	1019690	113.525
93) 1,1,2-Trichloroethane	(2)	10.108	97	619828	102.055
94) Tetrachloroethene	(2)	10.266	166	697236	100.611
95) 1,3-Dichloropropane	(2)	10.282	76	1072105	103.187

M = Compound was manually integrated.

* = Compound is an internal standard.

Quant Report

Target Revision 3.5

Data File: /chem/HP09915.i/07dec04a.b/ld04c01.d Instrument ID: HP09915.i
Injection date and time: 04-DEC-2007 17:24 Analyst ID: SEW02002

Method used: /chem/HP09915.i/07dec04a.b/L8260W.m Sublist used: 8260WI-2M
Calibration date and time: 29-NOV-2007 21:45
Date, time and analyst ID of latest file update: 04-Dec-2007 17:47 sew02002

Sample Name: VSTD100 Lab Sample ID: VSTD100

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
96) 2-Hexanone	(2)	10.366	43	1420544	208.776
98) Dibromochloromethane	(2)	10.507	129	719189	110.290
100) 1,2-Dibromoethane	(2)	10.623	107	701274	106.045
101) *Chlorobenzene-d5	(2)	11.060	117	943071	50.000
102) Chlorobenzene	(2)	11.086	112	1834192	101.317
103) 1,1,1,2-Tetrachloroethane	(2)	11.160	131	641416	105.500
104) Ethylbenzene	(2)	11.185	91	3147252	103.488
105) m+p-Xylene	(2)	11.288	106	1253808	104.924
106) Xylene (Total)	(2)		106	2430816	210.008
107) o-Xylene	(2)	11.629	106	1177008	105.084
108) Styrene	(2)	11.639	104	1969936	108.155
109) Bromoform	(2)	11.793	173	542319	112.712
111) Isopropylbenzene	(2)	11.931	105	3049434	104.460
115) Cyclohexanone	(4)	12.005	55	442946	1188.032
116) 1,1,2,2-Tetrachloroethane	(3)	12.160	83	1041419	99.546
118) trans-1,4-Dichloro-2-Butene	(3)	12.201	53	726889	249.604
117) Bromobenzene	(3)	12.182	156	810618	101.642
119) 1,2,3-Trichloropropane	(3)	12.195	110	296628	103.430
120) n-Propylbenzene	(3)	12.259	120	910709	100.368
122) 2-Chlorotoluene	(3)	12.330	126	777272	100.958
123) 1,3,5-Trimethylbenzene	(3)	12.388	120	1344718	102.559
125) 4-Chlorotoluene	(3)	12.414	126	806106	100.422
126) tert-Butylbenzene	(3)	12.642	134	598002	103.400
127) Pentachloroethane	(3)	12.661	167	541743	110.593
128) 1,2,4-Trimethylbenzene	(3)	12.674	105	2871928	102.912
129) sec-Butylbenzene	(3)	12.803	134	714624	102.589
130) p-Isopropyltoluene	(3)	12.902	134	826924	104.164
131) 1,3-Dichlorobenzene	(3)	12.893	146	1566752	101.060
132) *1,4-Dichlorobenzene-d4	(3)	12.938	152	548035	50.000
133) 1,4-Dichlorobenzene	(3)	12.957	146	1638054	99.519
134) 1,2,3-Trimethylbenzene	(3)	12.989	120	1254883	105.958
135) Benzyl Chloride	(3)	13.047	91	2115478	110.914
136) 1,3-Diethylbenzene	(3)	13.115	119	1867833	108.682
137) 1,4-Diethylbenzene	(3)	13.176	119	1970557	107.686

* = Compound is an internal standard.

Quant Report

Target Revision 3.5

Data File: /chem/HP09915.i/07dec04a.b/ld04c01.d Instrument ID: HP09915.i
Injection date and time: 04-DEC-2007 17:24 Analyst ID: SEW02002

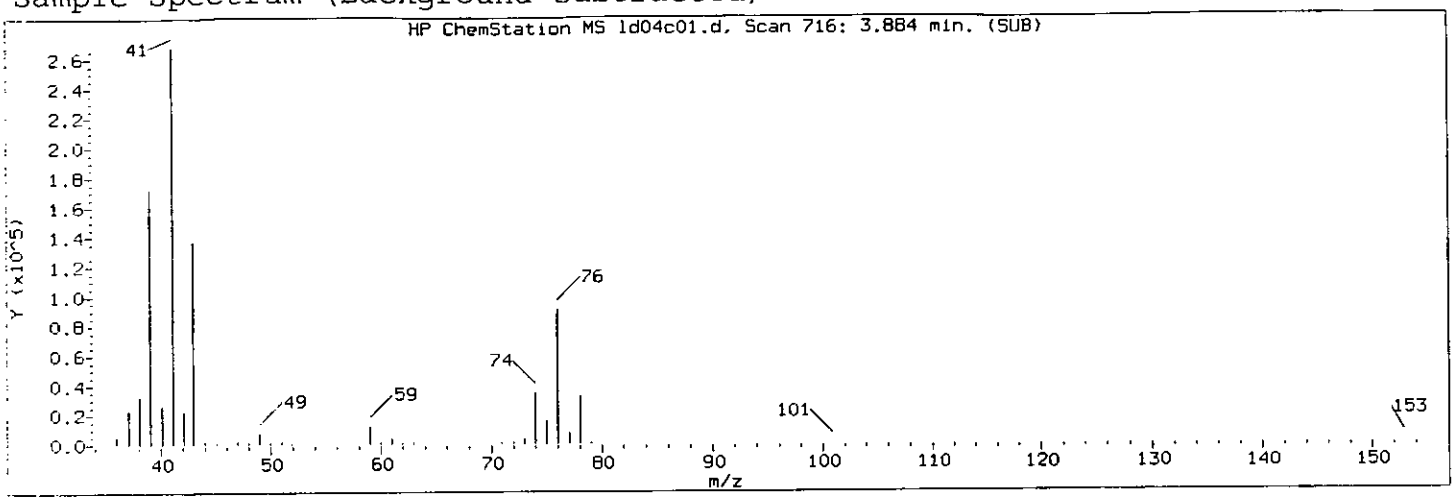
Method used: /chem/HP09915.i/07dec04a.b/L8260W.m Sublist used: 8260WI-2M
Calibration date and time: 29-NOV-2007 21:45
Date, time and analyst ID of latest file update: 04-Dec-2007 17:47 sew02002

Sample Name: VSTD100 Lab Sample ID: VSTD100

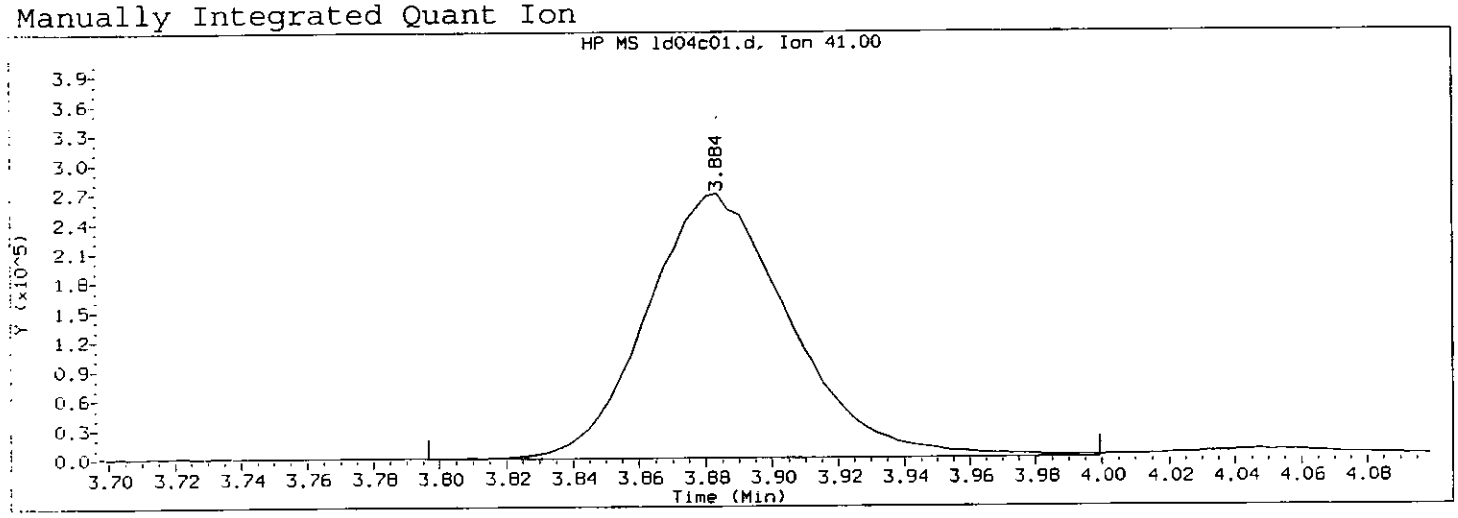
Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
138) n-Butylbenzene	(3)	13.195	92	1532514	100.360
139) 1,2-Dichlorobenzene	(3)	13.227	146	1514947	99.608
140) 1,2-Diethylbenzene	(3)	13.266	119	1559692	106.996
141) 1,2-Dibromo-3-Chloropropane	(3)	13.764	75	241390	108.094
142) 1,2,4-Trichlorobenzene	(3)	14.324	180	1155133	102.225
143) Hexachlorobutadiene	(3)	14.423	225	532588	99.291
144) Naphthalene	(3)	14.494	128	3590003	105.888
145) 1,2,3-Trichlorobenzene	(3)	14.648	180	1116659	99.532
51)$Dibromofluoromethane	(1)	6.636	113	316208	53.755
52)$Dibromofluoromethane(mz111)	(1)	6.633	111	323796	53.425
62)$1,2-Dichloroethane-d4	(1)	7.092	102	72123	51.793
63)$1,2-Dichloroethane-d4(mz65)	(1)	7.092	65	367483	52.865
61)$1,2-Dichloroethane-d4(mz104)	(1)	7.099	104	45922	52.003
89)$Toluene-d8	(2)	9.600	98	1274911	54.396
88)$Toluene-d8(mz100)	(2)	9.600	100	798418	54.634
113)$4-Bromofluorobenzene	(2)	12.057	95	496958	50.671
112)$4-Bromofluorobenzene(mz174)	(2)	12.057	174	394110	50.400

$ = Compound is a surrogate standard.

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP09915.i/07dec04a.b/ld04c01.d Instrument ID: HP09915.i
Injection date and time: 04-DEC-2007 17:24 Analyst ID: SEW02002

Method used: /chem/HP09915.i/07dec04a.b/L8260W.m Sublist used: 8260WI-2M
Calibration date and time: 04-DEC-2007 17:45
Date, time and analyst ID of latest file update: 04-Dec-2007 17:47 sew02002

Sample Name: VSTD100 Lab Sample ID: VSTD100

Compound Number : 23
Compound Name : Allyl Chloride
Scan Number : 716
Retention Time (minutes): 3.884
Quant Ion : 41
Area (flag) : 803898 M
Concentration (ug/L) : 101.7227
Integration start scan : 688 Integration stop scan: 751
Y at integration start : 269 Y at integration end: 269

Reason for manual integration (circle one): missed peak improper integration

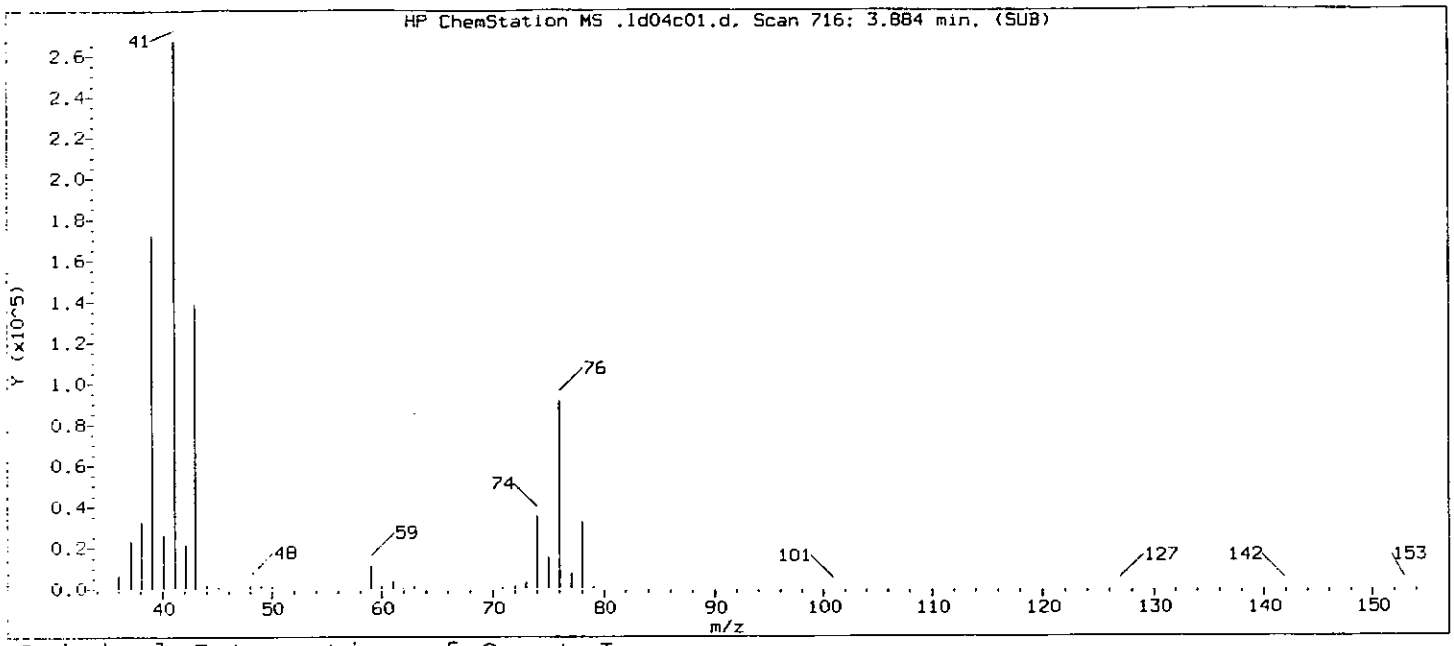
Analyst responsible for change: sew2002 12/4/07

GC/MS audit/management approval: 12-5-07

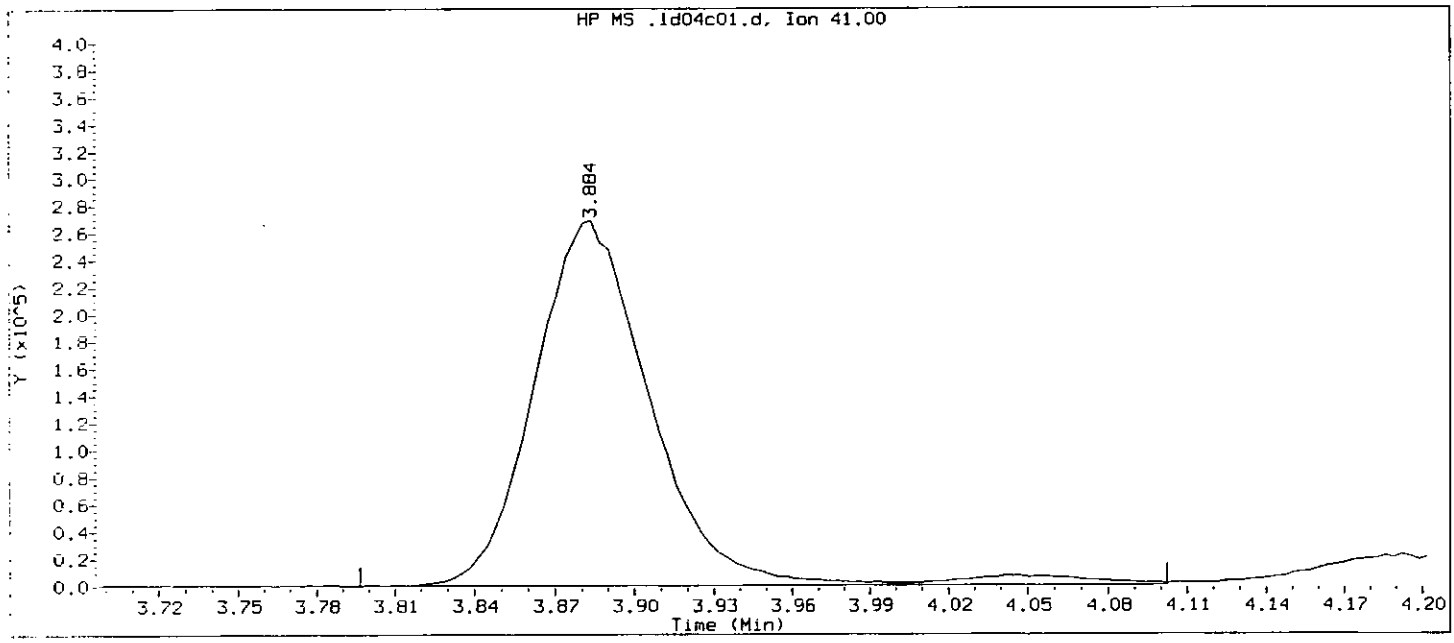
0234

Manual Integration Report for data file /chem/HP09915.i/07dec04a.b/ld04c01.d, generated on 12/04/2007 at 17:47

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP09915.i/07dec04a.b/ld04c01.d Instrument ID: HP09915.i
Injection date and time: 04-DEC-2007 17:24 Analyst ID: SEW02002

Method used: /chem/HP09915.i/07dec04a.b/L8260W.m Sublist used: 8260WI
Calibration date and time: 04-DEC-2007 17:42
Date, time and analyst ID of latest file update: 04-Dec-2007 17:42 Automation

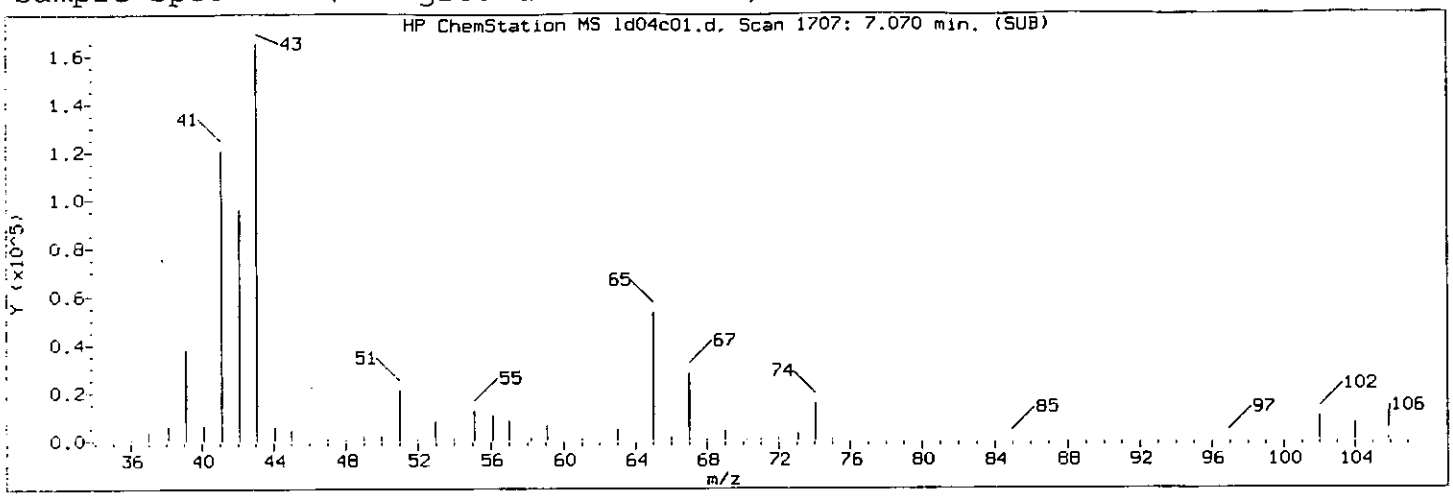
Sample Name: VSTD100 Lab Sample ID: VSTD100

Compound Number : 23
Compound Name : Allyl Chloride
Scan Number : 716
Retention Time (minutes): 3.884
Quant Ion : 41
Area : 829626
Concentration (ug/L) : 104.9782
Integration start scan : 688 Integration stop scan: 783
Y at integration start : 269 Y at integration end: 269

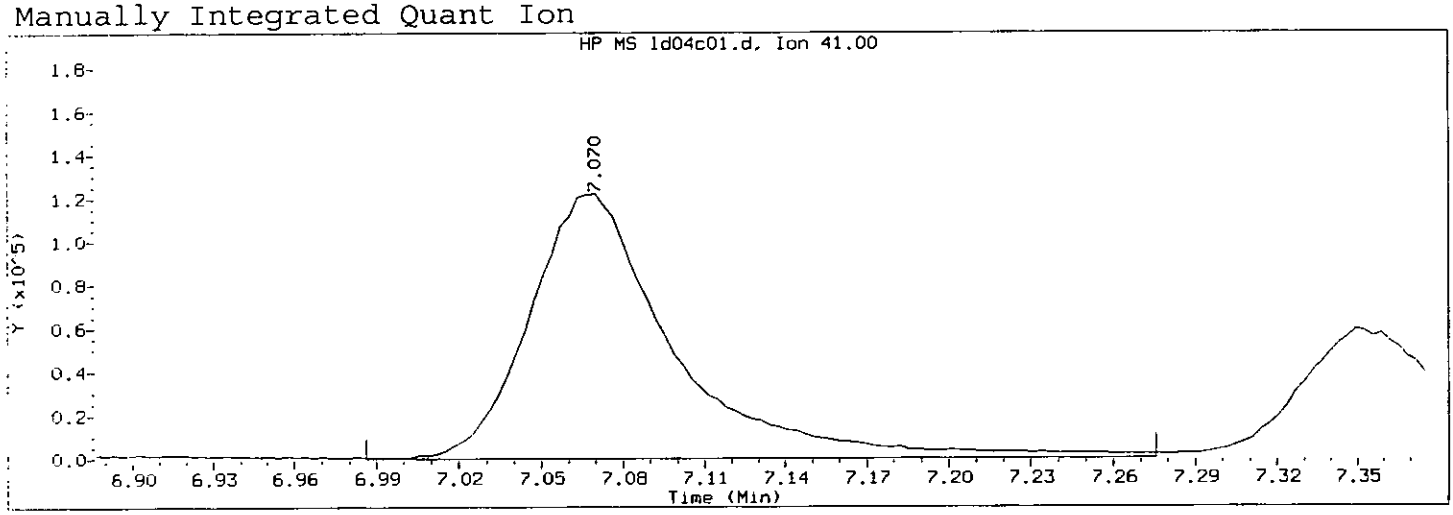
0235

Original Integration Report for data file /chem/HP09915.i/07dec04a.b/ld04c01.d, generated on 12/04/2007 at 17:47

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP09915.i/07dec04a.b/ld04c01.d Instrument ID: HP09915.i
Injection date and time: 04-DEC-2007 17:24 Analyst ID: SEW02002

Method used: /chem/HP09915.i/07dec04a.b/L8260W.m Sublist used: 8260WI-2M
Calibration date and time: 04-DEC-2007 17:45
Date, time and analyst ID of latest file update: 04-Dec-2007 17:47 sew02002

Sample Name: VSTD100 Lab Sample ID: VSTD100

Compound Number	: 60
Compound Name	: Isobutyl Alcohol
Scan Number	: 1707
Retention Time (minutes)	: 7.070
Quant Ion	: 41
Area (flag)	: 448794 M
Concentration (ug/L)	: 1232.6336
Integration start scan	: 1680 Integration stop scan: 1770
Y at integration start	: 0 Y at integration end: 0

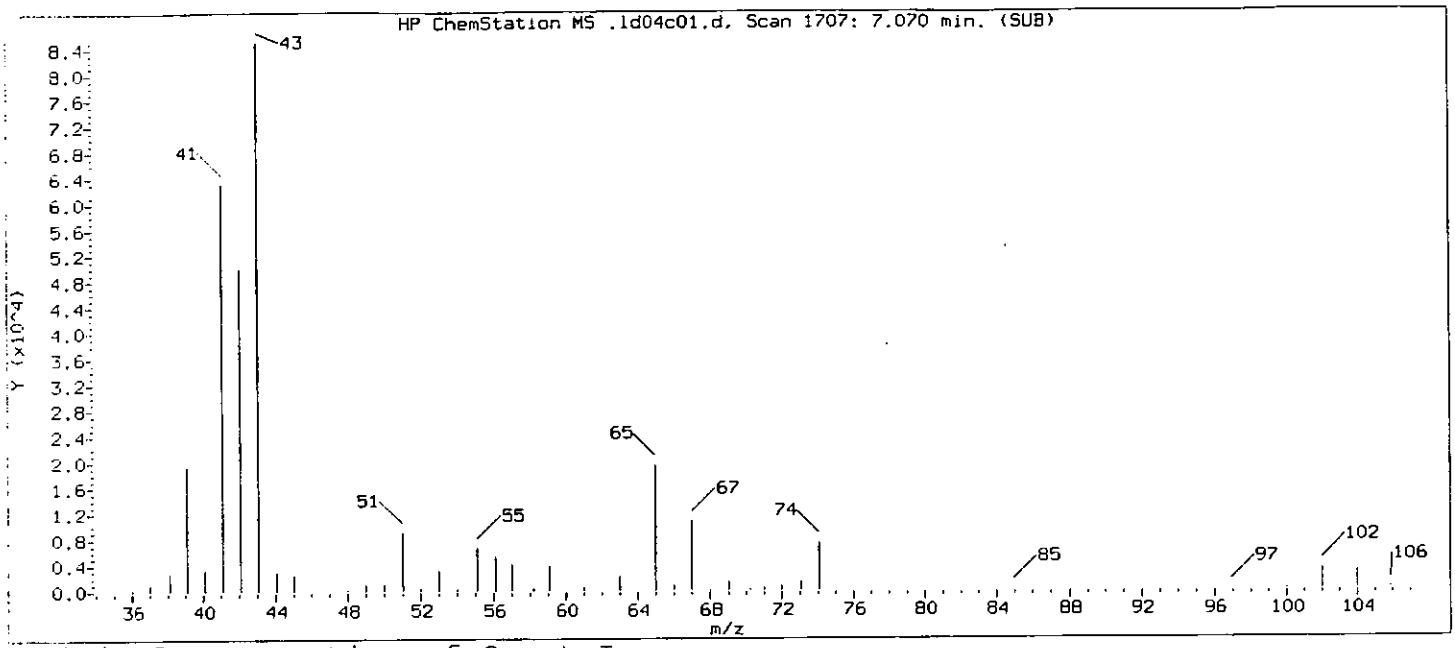
Reason for manual integration (circle one): missed peak improper integration

Analyst responsible for change: sw2002 12/4/07

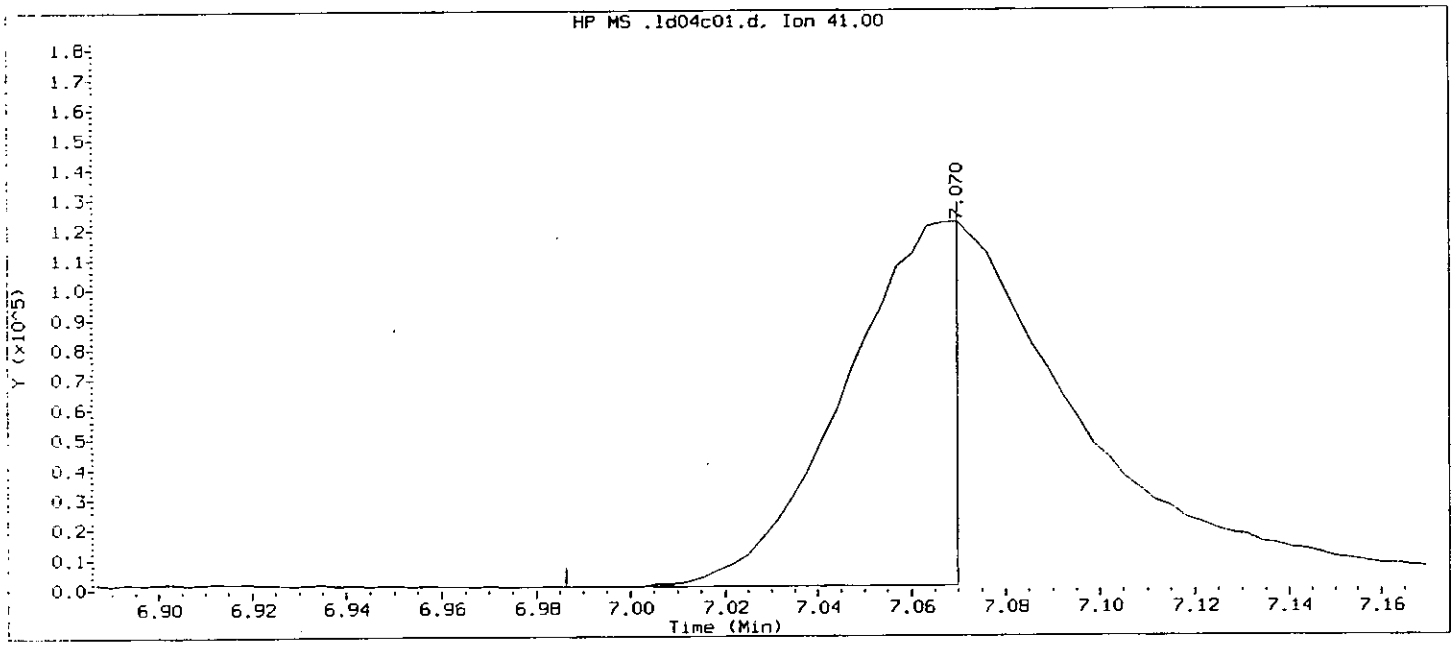
GC/MS audit/management approval: AML 12-5-07

0236

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP09915.i/07dec04a.b/ld04c01.d Instrument ID: HP09915.i
Injection date and time: 04-DEC-2007 17:24 Analyst ID: SEW02002

Method used: /chem/HP09915.i/07dec04a.b/L8260W.m Sublist used: 8260WI
Calibration date and time: 04-DEC-2007 17:42
Date, time and analyst ID of latest file update: 04-Dec-2007 17:42 Automation

Sample Name: VSTD100 Lab Sample ID: VSTD100

Compound Number	: 60
Compound Name	: Isobutyl Alcohol
Scan Number	: 1707
Retention Time (minutes)	: 7.070
Quant Ion	: 41
Area	: 195053
Concentration (ug/L)	: 535.7207
Integration start scan	: 1680 Integration stop scan: 1706
Y at integration start	: 586 Y at integration end: 586

8237

Original Integration Report for data file /chem/HP09915.i/07dec04a.b/ld04c01.d, generated on 12/04/2007 at 17:47

Raw QC Data

Data File: /chem/HP09915.i/07nov29d.b/ln29t01.d

Date : 29-NOV-2007 16:55

Client ID: 2UL BFB AUG02-07

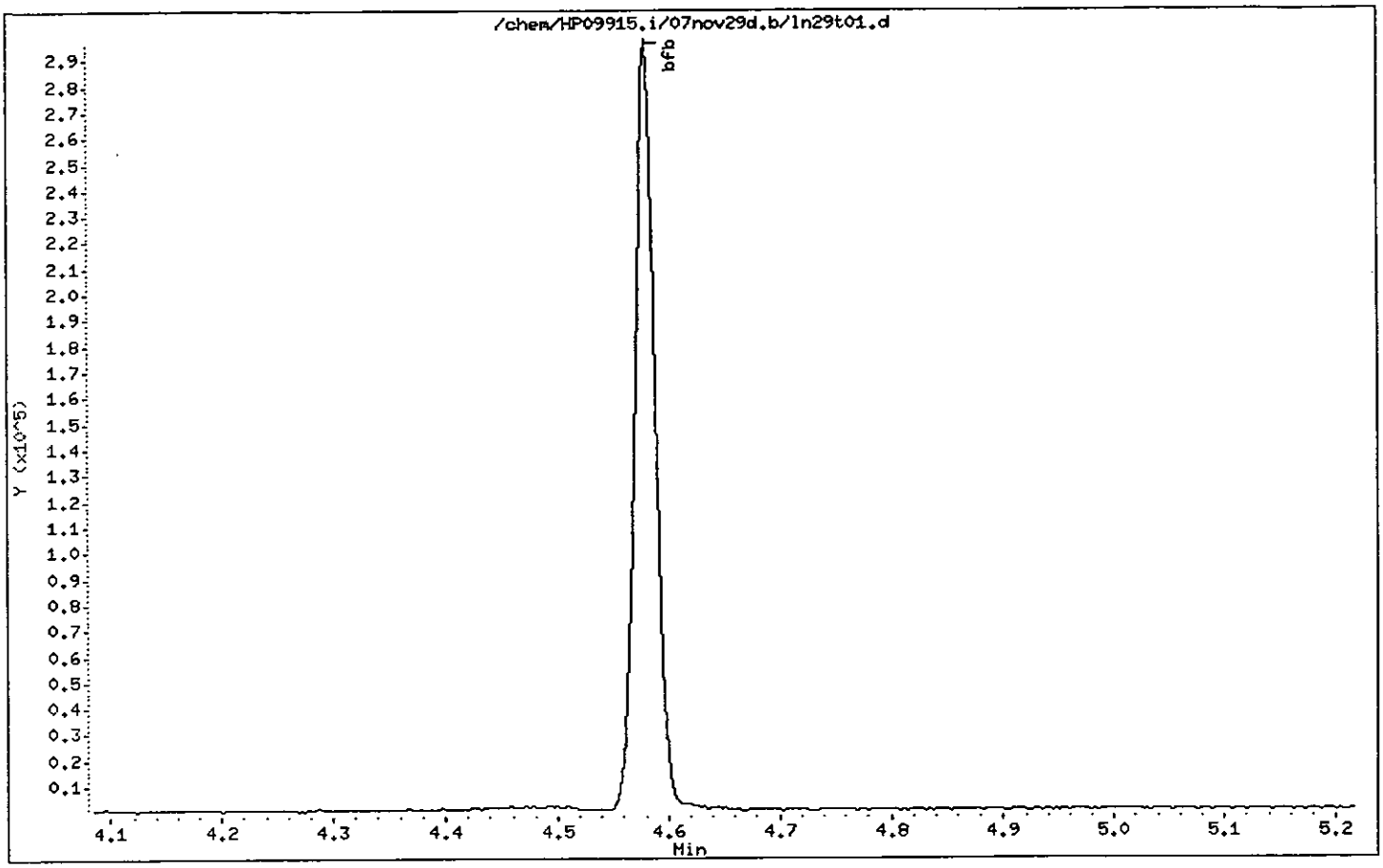
Instrument: HP09915.i

Sample Info: 2UL BFB AUG02-07;50 ng BFB;1;3;;;

Operator: LCH01518

Column phase: DB-624

Column diameter: 0.25



umn
u/2ala

Data File: /chem/HP09915.i/07nov29d.b/ln29t01.d

Date : 29-NOV-2007 16:55

Client ID: 2UL BFB AUG02-07

Instrument: HP09915.i

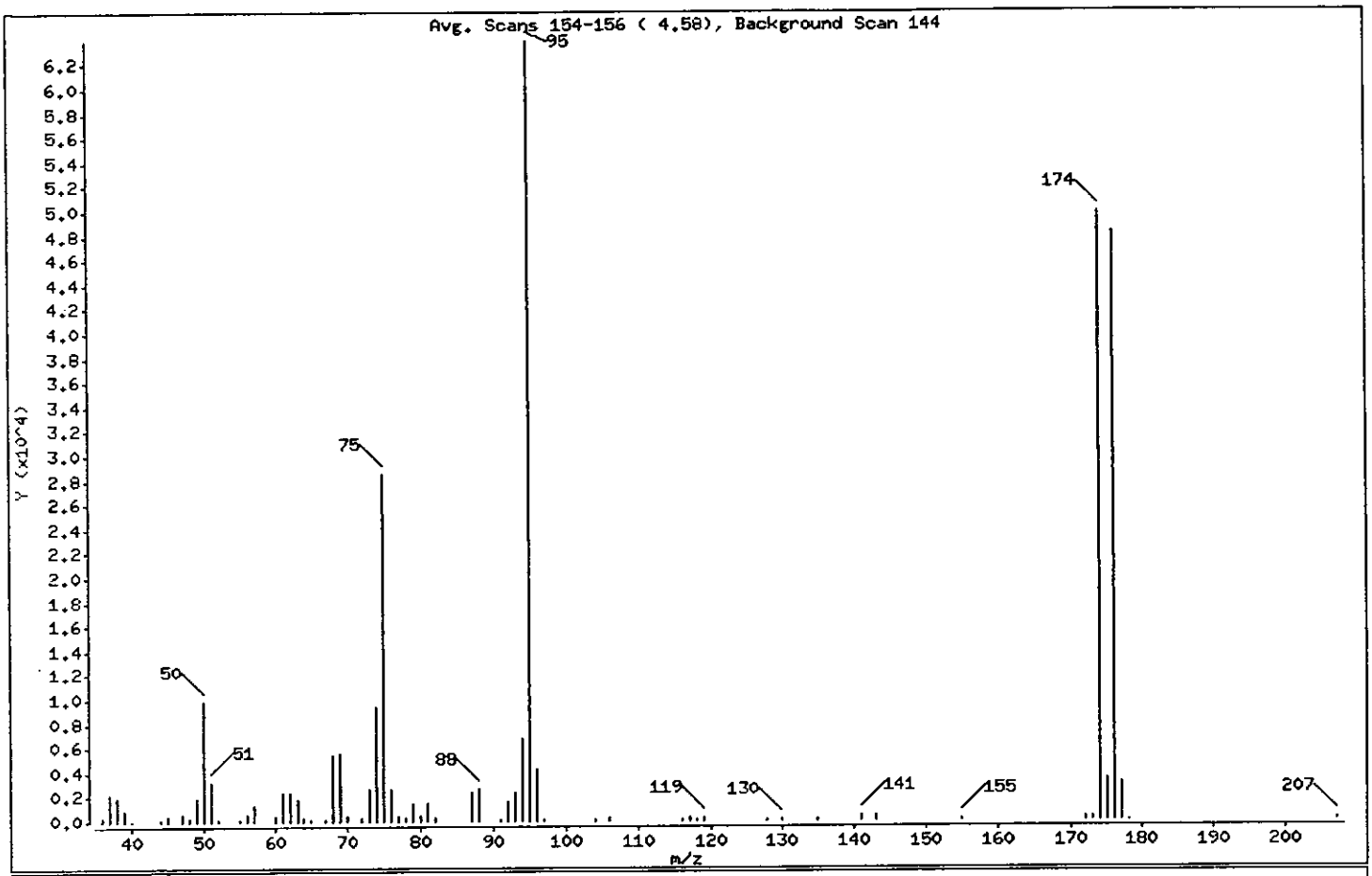
Sample Info: 2UL BFB AUG02-07;50 ng BFB;1;3;;;

Operator: LCH01518

Column phase: DB-624

Column diameter: 0.25

1 bfb



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	15.42
75	30.00 - 60.00% of mass 95	44.53
96	5.00 - 9.00% of mass 95	6.76
173	Less than 2.00% of mass 174	0.41 (0.53)
174	50.00 - 100.00% of mass 95	77.85
175	5.00 - 9.00% of mass 174	5.32 (6.83)
176	95.00 - 101.00% of mass 174	75.40 (96.84)
177	5.00 - 9.00% of mass 176	4.83 (6.41)

0240

Data File: /chem/HP09915.i/07nov29d.b/ln29t01.d

Date : 29-NOV-2007 16:55

Client ID: 2UL BFB AUG02-07

Instrument: HP09915.i

Sample Info: 2UL BFB AUG02-07;50 ng BFB;1;3;;;

Operator: LCH01518

Column phase: DB-624

Column diameter: 0.25

Data File: ln29t01.d

Spectrum: Avg. Scans 154-156 (4.58), Background Scan 144

Location of Maximum: 95.00

Number of points: 66

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	348	61.00	2397	80.00	385	119.00	295
37.00	2261	62.00	2392	81.00	1436	128.00	168
38.00	1985	63.00	1817	82.00	307	130.00	178
39.00	860	64.00	235	87.00	2364	135.00	122
40.00	41	65.00	141	88.00	2664	141.00	453
44.00	207	67.00	76	91.00	219	143.00	445
45.00	415	68.00	5450	92.00	1653	155.00	127
47.00	650	69.00	5658	93.00	2339	172.00	241
48.00	255	70.00	495	94.00	6714	173.00	262
49.00	1882	72.00	288	95.00	63968	174.00	49800
50.00	9864	73.00	2677	96.00	4324	175.00	3401
51.00	3234	74.00	9448	97.00	126	176.00	48224
52.00	131	75.00	28488	104.00	211	177.00	3091
55.00	89	76.00	2653	106.00	239	178.00	58
56.00	647	77.00	386	116.00	176	207.00	87
57.00	1334	78.00	329	117.00	267		
60.00	498	79.00	1446	118.00	118		

Data File: /chem/HP09915.i/07dec04a.b/1d04t01.d

Date : 04-DEC-2007 17:03

Client ID: 2UL BFB AUG02-07

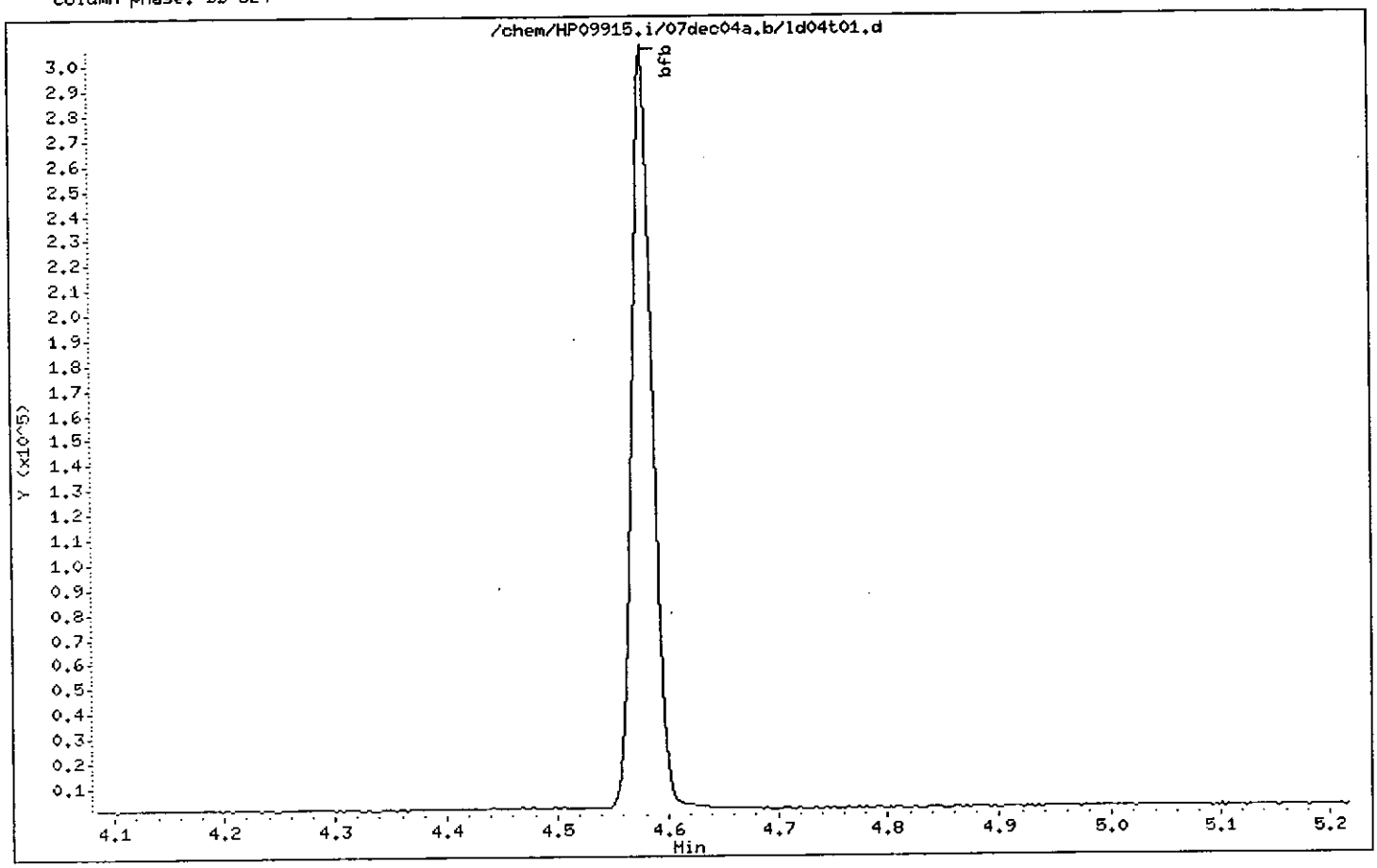
Instrument: HP09915.i

Sample Info: 2UL BFB AUG02-07;50 ng BFB;1;3;;;

Operator: SEW02002

Column phase: DB-624

Column diameter: 0.25



SEW 2002
12/4/07

8242

Data File: /chem/HP09915.i/07dec04a.b/ld04t01.d

Date : 04-DEC-2007 17:03

Client ID: 2UL BFB AUG02-07

Instrument: HP09915.i

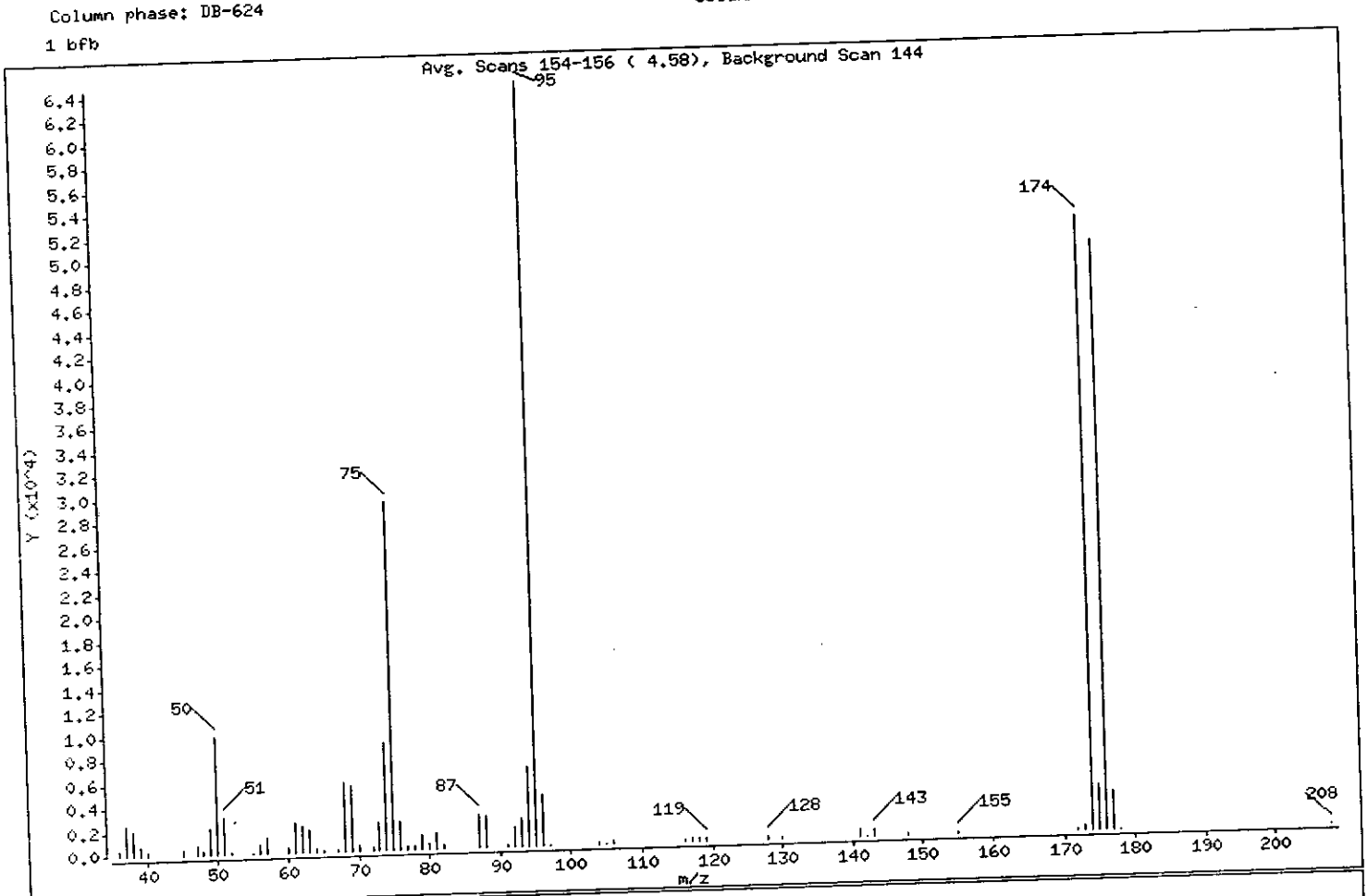
Sample Info: 2UL BFB AUG02-07;50 ng BFB;1;3;;;

Operator: SEW02002

Column diameter: 0.25

Column phase: DB-624

1 bfb



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	15.49
75	30.00 - 60.00% of mass 95	45.59
96	5.00 - 9.00% of mass 95	6.62
173	Less than 2.00% of mass 174	0.60 (0.74)
174	50.00 - 100.00% of mass 95	80.30
175	5.00 - 9.00% of mass 174	5.94 (7.39)
176	95.00 - 101.00% of mass 174	76.91 (95.78)
177	5.00 - 9.00% of mass 176	5.04 (6.55)

Data File: /chem/HP09915.i/07dec04a.b/ld04t01.d

Date : 04-DEC-2007 17:03

Client ID: 2UL BFB AUG02-07

Instrument: HP09915.i

Sample Info: 2UL BFB AUG02-07;50 ng BFB;1;3;;;

Operator: SEW02002

Column phase: DB-624

Column diameter: 0.25

Data File: ld04t01.d

Spectrum: Avg. Scans 154-156 (4.58), Background Scan 144

Location of Maximum: 95.00

Number of points: 67

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	499	62.00	2288	81.00	1312	119.00	319
37.00	2466	63.00	1868	82.00	308	128.00	243
38.00	2034	64.00	264	87.00	2772	130.00	137
39.00	799	65.00	190	88.00	2703	141.00	525
40.00	223	67.00	116	91.00	141	142.00	52
45.00	463	68.00	5819	92.00	1605	143.00	577
47.00	678	69.00	5521	93.00	2433	148.00	81
48.00	312	70.00	433	94.00	6733	155.00	188
49.00	2160	72.00	294	95.00	64576	172.00	215
50.00	10006	73.00	2330	96.00	4278	173.00	385
51.00	3044	74.00	9008	97.00	61	174.00	51848
52.00	128	75.00	29440	104.00	221	175.00	3833
55.00	64	76.00	2406	105.00	51	176.00	49664
56.00	743	77.00	360	106.00	265	177.00	3254
57.00	1400	78.00	289	116.00	182	178.00	51
60.00	484	79.00	1165	117.00	281	208.00	65
61.00	2490	80.00	459	118.00	272		

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLKL37

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: VBLKL37

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: HP09915.i/07dec04a.b/ld04b01.d

Level: (low/med) LOW Date Received:

Moisture: not dec. _____ Date Analyzed: 12/04/07

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	5	U
74-87-3	Chloromethane	5	U
75-01-4	Vinyl Chloride	5	U
74-83-9	Bromomethane	5	U
75-00-3	Chloroethane	5	U
75-69-4	Trichlorofluoromethane	5	U
60-29-7	Ethyl Ether	5	U
107-02-8	Acrolein	100	U
75-35-4	1,1-Dichloroethene	5	U
76-13-1	Freon 113	10	U
67-64-1	Acetone	20	U
74-88-4	Methyl Iodide	5	U
67-63-0	2-Propanol	100	U
75-15-0	Carbon Disulfide	5	U
107-05-1	Allyl Chloride	5	U
79-20-9	Methyl Acetate	5	U
75-09-2	Methylene Chloride	5	U
75-65-0	t-Butyl Alcohol	80	U
107-13-1	Acrylonitrile	20	U
156-60-5	trans-1,2-Dichloroethene	5	U
1634-04-4	Methyl Tertiary Butyl Ether	5	U
110-54-3	n-Hexane	5	U
75-34-3	1,1-Dichloroethane	5	U
108-20-3	di-Isopropyl Ether	5	U
126-99-8	2-Chloro-1,3-Butadiene	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
637-92-3	Ethyl t-Butyl Ether	5	U
156-59-2	cis-1,2-Dichloroethene	5	U
78-93-3	2-Butanone	10	U
594-20-7	2,2-Dichloropropane	5	U

8245

FORM I VOA

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLKL37

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: VBLKL37

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: HP09915.i/07dec04a.b/ld04b01.d

Level: (low/med) LOW Date Received:

Moisture: not dec. _____ Date Analyzed: 12/04/07

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
107-12-0	Propionitrile	100	U
126-98-7	Methacrylonitrile	50	U
74-97-5	Bromochloromethane	5	U
109-99-9	Tetrahydrofuran	10	U
67-66-3	Chloroform	5	U
71-55-6	1,1,1-Trichloroethane	5	U
110-82-7	Cyclohexane	5	U
563-58-6	1,1-Dichloropropene	5	U
56-23-5	Carbon Tetrachloride	5	U
78-83-1	Isobutyl Alcohol	250	U
71-43-2	Benzene	5	U
107-06-2	1,2-Dichloroethane	5	U
994-05-8	t-Amyl Methyl Ether	5	U
142-82-5	n-Heptane	5	U
71-36-3	n-Butanol	250	U
79-01-6	Trichloroethene	5	U
108-87-2	Methylcyclohexane	5	U
78-87-5	1,2-Dichloropropane	5	U
74-95-3	Dibromomethane	5	U
80-62-6	Methyl Methacrylate	5	U
123-91-1	1,4-Dioxane	250	U
75-27-4	Bromodichloromethane	5	U
79-46-9	2-Nitropropane	10	U
110-75-8	2-Chloroethyl Vinyl Ether	10	U
10061-01-5	cis-1,3-Dichloropropene	5	U
108-10-1	4-Methyl-2-Pentanone	10	U
108-88-3	Toluene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
97-63-2	Ethyl Methacrylate	5	U
79-00-5	1,1,2-Trichloroethane	5	U

0246

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLKL37

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: VBLKL37

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: HP09915.i/07dec04a.b/1d04b01.d

Level: (low/med) LOW Date Received:

Moisture: not dec. _____ Date Analyzed: 12/04/07

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
127-18-4	Tetrachloroethene	5	U
142-28-9	1,3-Dichloropropane	5	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	5	U
106-93-4	1,2-Dibromoethane	5	U
108-90-7	Chlorobenzene	5	U
630-20-6	1,1,1,2-Tetrachloroethane	5	U
100-41-4	Ethylbenzene	5	U
1330-20-7	m+p-Xylene	5	U
1330-20-7	Xylene (Total)	5	U
95-47-6	o-Xylene	5	U
100-42-5	Styrene	5	U
75-25-2	Bromoform	5	U
98-82-8	Isopropylbenzene	5	U
108-94-1	Cyclohexanone	250	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-86-1	Bromobenzene	5	U
110-57-6	trans-1,4-Dichloro-2-Butene	50	U
96-18-4	1,2,3-Trichloropropane	5	U
103-65-1	n-Propylbenzene	5	U
95-49-8	2-Chlorotoluene	5	U
108-67-8	1,3,5-Trimethylbenzene	5	U
106-43-4	4-Chlorotoluene	5	U
98-06-6	tert-Butylbenzene	5	U
76-01-7	Pentachloroethane	5	U
95-63-6	1,2,4-Trimethylbenzene	5	U
135-98-8	sec-Butylbenzene	5	U
99-87-6	p-Isopropyltoluene	5	U
541-73-1	1,3-Dichlorobenzene	5	U
106-46-7	1,4-Dichlorobenzene	5	U

0247

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLKL37

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: VBLKL37

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: HP09915.i/07dec04a.b/ld04b01.d

Level: (low/med) LOW Date Received:

Moisture: not dec. _____ Date Analyzed: 12/04/07

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
526-73-8	1,2,3-Trimethylbenzene	5	U
100-44-7	Benzyl Chloride	5	U
141-93-5	1,3-Diethylbenzene	5	U
105-05-5	1,4-Diethylbenzene	5	U
104-51-8	n-Butylbenzene	5	U
95-50-1	1,2-Dichlorobenzene	5	U
135-01-3	1,2-Diethylbenzene	5	U
96-12-8	1,2-Dibromo-3-Chloropropane	5	U
120-82-1	1,2,4-Trichlorobenzene	5	U
87-68-3	Hexachlorobutadiene	5	U
91-20-3	Naphthalene	5	U
87-61-6	1,2,3-Trichlorobenzene	5	U
25340-17-4	Diethylbenzene (total)	5	U

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VBLKL37

Lancaster Laboratories
Quantitation Report GC/MS Volatiles

VBLKL37

File: /chem/HP09915.i/07dec04a.b/ld04b01.d
Sample: VBLKL37;VBLKL37;1;3;;;;;;;;
Injected At:04-DEC-2007 18:09
Calibration Time: 29-NOV-2007 21:45
Target Method: L8260W.m
Blank Reference:
Sublist: 8260W-2M

Sample Concentration Formula: On-Column Amount * (Vt/Vo)
Batch:L073381AA
Analyst:SEW02002
Instrument ID:HP09915.i
Standard Reference: ld04c01.d
Prep Factor:1.00
Units: ug/L

Matrix: WATER
Level: Low
Sample Wt./Vol.: 5.0000 ml (Vo)
Volume Purged: 5.0 ml (Vt)
Bottle Code:

Internal Standards	RT(+/-RT)	Scan	QIon	Area(+/- %Area)	Conc(ext)	QC Flag
27) t-Butyl Alcohol-d10	4.067(0.006)	773	65	220393(-5)	250.00	
71) Fluorobenzene	7.559(0.003)	1859	96	1244160(-3)	50.00	
101) Chlorobenzene-d5	11.060(0.000)	2948	117	905568(-4)	50.00	
132) 1,4-Dichlorobenzene-d4	12.938(0.000)	3532	152	498368(-9)	50.00	

= RETENTION TIME OUT OF RANGE * = INTERNAL STANDARD OUT OF RANGE NC = NOT ABLE TO CALCULATE

Surrogate Standards	I.S. Ref.	RT (+/-RRT)	QIon	Area	Conc. (on column)	%Rec.	QC flags	QC Limits
51) Dibromofluoromethane	(1)	6.636(0.000)	113	306021	53.589	107%		80 - 116
62) 1,2-Dichloroethane-d4	(1)	7.092(0.000)	102	70690	52.291	105%		77 - 113
89) Toluene-d8	(2)	9.597(0.000)	98	1207104	53.636	107%		80 - 113
113) 4-Bromofluorobenzene	(2)	12.054(0.000)	95	455168	48.332	97%		78 - 113

= RELATIVE RETENTION TIME OUT OF RANGE * = PERCENT REC.OUT OF RANGE D = DILUTED OUT NC = NOT ABLE TO CALCULATE

Target Compounds	I.S. Ref.	RT (+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit	LOQ
1) Dichlorodifluoromethane	(1)				ND	ND			2.00	5.00
2) Chloromethane	(1)				ND	ND			1.00	5.00
3) Vinyl Chloride	(1)				ND	ND			1.00	5.00
6) Bromomethane	(1)				ND	ND			1.00	5.00
7) Chloroethane	(1)				ND	ND			1.00	5.00
8) Trichlorofluoromethane	(1)				ND	ND			2.00	5.00
10) Ethyl Ether	(1)				ND	ND			2.00	5.00
15) Acrolein	(4)				ND	ND			40.00	100.00
16) 1,1-Dichloroethene	(1)				ND	ND			0.80	5.00
17) Freon 113	(1)				ND	ND			2.00	10.00
18) Acetone	(1)				ND	ND			6.00	20.00
20) Methyl Iodide	(1)				ND	ND			1.00	5.00
21) 2-Propanol	(4)				ND	ND			50.00	100.00
22) Carbon Disulfide	(1)				ND	ND			1.00	5.00
23) Allyl Chloride	(1)				ND	ND			1.00	5.00
25) Methyl Acetate	(1)				ND	ND			1.00	5.00
26) Methylene Chloride	(1)				ND	ND			2.00	5.00
28) t-Butyl Alcohol	(4)				ND	ND			10.00	80.00
29) Acrylonitrile	(1)				ND	ND			4.00	20.00
30) trans-1,2-Dichloroethene	(1)				ND	ND			0.80	5.00
31) Methyl Tertiary Butyl Ether	(1)				ND	ND			0.50	5.00
33) n-Hexane	(1)				ND	ND			2.00	5.00
40) 1,2-Dichloroethene (total)	(1)				ND	ND			0.80	5.00
36) 1,1-Dichloroethane	(1)				ND	ND			1.00	5.00

E = CONC. OUT OF CAL. RANGE # = RELATIVE RETENTION TIME OUT OF RANGE

Lancaster Laboratories
Quantitation Report GC/MS Volatiles

VBLKL37

File: /chem/HP09915.i/07dec04a.b/ld04b01.d
Sample: VBLKL37;VBLKL37;1;3;;;;;;;
Injected At:04-DEC-2007 18:09
Calibration Time: 29-NOV-2007 21:45
Target Method: L8260W.m
Blank Reference:
Sublist: 8260W-2M

Sample Concentration Formula: On-Column Amount * (Vt/Vo)
Batch:L073381AA
Analyst:SEW02002
Instrument ID:HP09915.i
Standard Reference: ld04c01.d
Prep Factor:1.00
Units: ug/L

Matrix: WATER
Level: Low
Sample Wt./Vol.: 5.0000 ml (Vo)
Volume Purged: 5.0 ml (Vt)
Bottle Code:

Target Compounds	I.S. Ref.	RT	(+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit	LOQ
37) di-Isopropyl Ether	(1)					ND	ND			0.80	5.00
39) 2-Chloro-1,3-Butadiene	(1)					ND	ND			1.00	5.00
41) Ethyl t-Butyl Ether	(1)					ND	ND			0.80	5.00
42) cis-1,2-Dichloroethene	(1)					ND	ND			0.80	5.00
43) 2-Butanone	(1)					ND	ND			3.00	10.00
44) 2,2-Dichloropropane	(1)					ND	ND			1.00	5.00
45) Propionitrile	(4)					ND	ND			30.00	100.00
46) Methacrylonitrile	(1)					ND	ND			10.00	50.00
47) Bromochloromethane	(1)					ND	ND			1.00	5.00
48) Tetrahydrofuran	(4)					ND	ND			4.00	10.00
49) Chloroform	(1)					ND	ND			0.80	5.00
54) 1,1,1-Trichloroethane	(1)					ND	ND			0.80	5.00
55) Cyclohexane	(1)					ND	ND			2.00	5.00
58) 1,1-Dichloropropene	(1)					ND	ND			1.00	5.00
59) Carbon Tetrachloride	(1)					ND	ND			1.00	5.00
60) Isobutyl Alcohol	(4)					ND	ND			100.00	250.00
64) Benzene	(1)					ND	ND			0.50	5.00
65) 1,2-Dichloroethane	(1)					ND	ND			1.00	5.00
68) t-Amyl Methyl Ether	(1)					ND	ND			0.80	5.00
70) n-Heptane	(1)					ND	ND			2.00	5.00
73) n-Butanol	(4)					ND	ND			100.00	250.00
74) Trichloroethene	(1)					ND	ND			1.00	5.00
77) 1,2-Dichloropropane	(1)					ND	ND			1.00	5.00
75) Methylcyclohexane	(1)					ND	ND			1.00	5.00

E = CONC. OUT OF CAL. RANGE # = RELATIVE RETENTION TIME OUT OF RANGE

Lancaster Laboratories
Quantitation Report GC/MS Volatiles

VBLKL37

File: /chem/HP09915.i/07dec04a.b/ld04b01.d
Sample: VBLKL37;VBLKL37;1;3;;;;;;;
Injected At:04-DEC-2007 18:09
Calibration Time: 29-NOV-2007 21:45
Target Method: L8260W.m
Blank Reference:
Sublist: 8260W-2M

Sample Concentration Formula: On-Column Amount * (Vt/Vo)
Batch:L073381AA
Analyst:SEW02002
Instrument ID:HP09915.i
Standard Reference: ld04c01.d
Prep Factor:1.00
Units: ug/L

Matrix: WATER
Level: Low
Sample Wt./Vol.: 5.0000 ml (Vo)
Volume Purged: 5.0 ml (Vt)
Bottle Code:

Target Compounds	I.S. Ref.	RT	(+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit	LOQ
80) Methyl Methacrylate	(1)					ND	ND			1.00	5.00
79) Dibromomethane	(1)					ND	ND			1.00	5.00
81) 1,4-Dioxane	(4)					ND	ND			70.00	250.00
82) Bromodichloromethane	(1)					ND	ND			1.00	5.00
83) 2-Nitropropane	(1)					ND	ND			2.00	10.00
84) 2-Chloroethyl Vinyl Ether	(1)					ND	ND			2.00	10.00
85) cis-1,3-Dichloropropene	(1)					ND	ND			1.00	5.00
87) 4-Methyl-2-Pentanone	(1)					ND	ND			3.00	10.00
90) Toluene	(2)					ND	ND			0.70	5.00
91) trans-1,3-Dichloropropene	(2)					ND	ND			1.00	5.00
92) Ethyl Methacrylate	(2)					ND	ND			1.00	5.00
93) 1,1,2-Trichloroethane	(2)					ND	ND			0.80	5.00
94) Tetrachloroethene	(2)					ND	ND			0.80	5.00
95) 1,3-Dichloropropane	(2)					ND	ND			1.00	5.00
96) 2-Hexanone	(2)					ND	ND			3.00	10.00
98) Dibromochloromethane	(2)					ND	ND			1.00	5.00
100) 1,2-Dibromoethane	(2)					ND	ND			1.00	5.00
102) Chlorobenzene	(2)					ND	ND			0.80	5.00
103) 1,1,1,2-Tetrachloroethane	(2)					ND	ND			1.00	5.00
104) Ethylbenzene	(2)					ND	ND			0.80	5.00
105) m+p-Xylene	(2)					ND	ND			0.80	5.00
106) Xylene (Total)	(2)					ND	ND			0.80	5.00
107) o-Xylene	(2)					ND	ND			0.80	5.00
108) Styrene	(2)					ND	ND			1.00	5.00

E = CONC. OUT OF CAL. RANGE # = RELATIVE RETENTION TIME OUT OF RANGE

Lancaster Laboratories
Quantitation Report GC/MS Volatiles

VBLKL37

File: /chem/HP09915.i/07dec04a.b/ld04b01.d
Sample: VBLKL37;VBLKL37;1;3;;;;;;;
Injected At:04-DEC-2007 18:09
Calibration Time: 29-NOV-2007 21:45
Target Method: L8260W.m
Blank Reference:
Sublist: 8260W-2M

Sample Concentration Formula: On-Column Amount * (Vt/Vo)
Batch:L073381AA
Analyst:SEW02002
Instrument ID:HP09915.i
Standard Reference: ld04c01.d
Prep Factor:1.00
Units: ug/L

Matrix: WATER
Level: Low
Sample Wt./Vol.: 5.0000 ml (Vo)
Volume Purged: 5.0 ml (Vt)
Bottle Code:

Target Compounds	I.S. Ref.	RT	(+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit	LOQ
109) Bromoform	(2)					ND	ND			1.00	5.00
111) Isopropylbenzene	(2)					ND	ND			1.00	5.00
115) Cyclohexanone	(4)					ND	ND			55.00	250.00
116) 1,1,2,2-Tetrachloroethane	(3)					ND	ND			1.00	5.00
118) trans-1,4-Dichloro-2-Butene	(3)					ND	ND			15.00	50.00
117) Bromobenzene	(3)					ND	ND			1.00	5.00
119) 1,2,3-Trichloropropane	(3)					ND	ND			1.00	5.00
120) n-Propylbenzene	(3)					ND	ND			1.00	5.00
122) 2-Chlorotoluene	(3)					ND	ND			1.00	5.00
123) 1,3,5-Trimethylbenzene	(3)					ND	ND			1.00	5.00
125) 4-Chlorotoluene	(3)					ND	ND			1.00	5.00
126) tert-Butylbenzene	(3)					ND	ND			1.00	5.00
127) Pentachloroethane	(3)					ND	ND			1.00	5.00
128) 1,2,4-Trimethylbenzene	(3)					ND	ND			1.00	5.00
129) sec-Butylbenzene	(3)					ND	ND			1.00	5.00
130) p-Isopropyltoluene	(3)					ND	ND			1.00	5.00
131) 1,3-Dichlorobenzene	(3)					ND	ND			1.00	5.00
133) 1,4-Dichlorobenzene	(3)					ND	ND			1.00	5.00
134) 1,2,3-Trimethylbenzene	(3)					ND	ND			1.00	5.00
135) Benzyl Chloride	(3)					ND	ND			1.00	5.00
136) 1,3-Diethylbenzene	(3)					ND	ND			1.00	5.00
137) 1,4-Diethylbenzene	(3)					ND	ND			1.00	5.00
138) n-Butylbenzene	(3)					ND	ND			1.00	5.00
139) 1,2-Dichlorobenzene	(3)					ND	ND			1.00	5.00

E = CONC. OUT OF CAL. RANGE # = RELATIVE RETENTION TIME OUT OF RANGE

Lancaster Laboratories
Quantitation Report GC/MS Volatiles

VBLKL37

File: /chem/HP09915.i/07dec04a.b/ld04b01.d
Sample: VBLKL37;VBLKL37;1;3;;;;;;;
Injected At:04-DEC-2007 18:09
Calibration Time: 29-NOV-2007 21:45
Target Method: L8260W.m
Blank Reference:
Sublist: 8260W-2M

Sample Concentration Formula: On-Column Amount * (Vt/Vo)
Batch:L073381AA
Analyst:SEW02002
Instrument ID:HP09915.i
Standard Reference: ld04c01.d
Prep Factor:1.00
Units: ug/L

Matrix: WATER
Level: Low
Sample Wt./Vol.: 5.0000 ml (Vo)
Volume Purged: 5.0 ml (Vt)
Bottle Code:

Target Compounds	I.S. Ref.	RT	(+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit	LOQ
140) 1,2-Diethylbenzene	(3)					ND	ND			1.00	5.00
141) 1,2-Dibromo-3-Chloropropane	(3)					ND	ND			2.00	5.00
142) 1,2,4-Trichlorobenzene	(3)					ND	ND			1.00	5.00
143) Hexachlorobutadiene	(3)					ND	ND			2.00	5.00
144) Naphthalene	(3)					ND	ND			1.00	5.00
145) 1,2,3-Trichlorobenzene	(3)					ND	ND			1.00	5.00

E = CONC. OUT OF CAL. RANGE # = RELATIVE RETENTION TIME OUT OF RANGE

Comments: _____

Analyst: _____ Date: 12/4/07

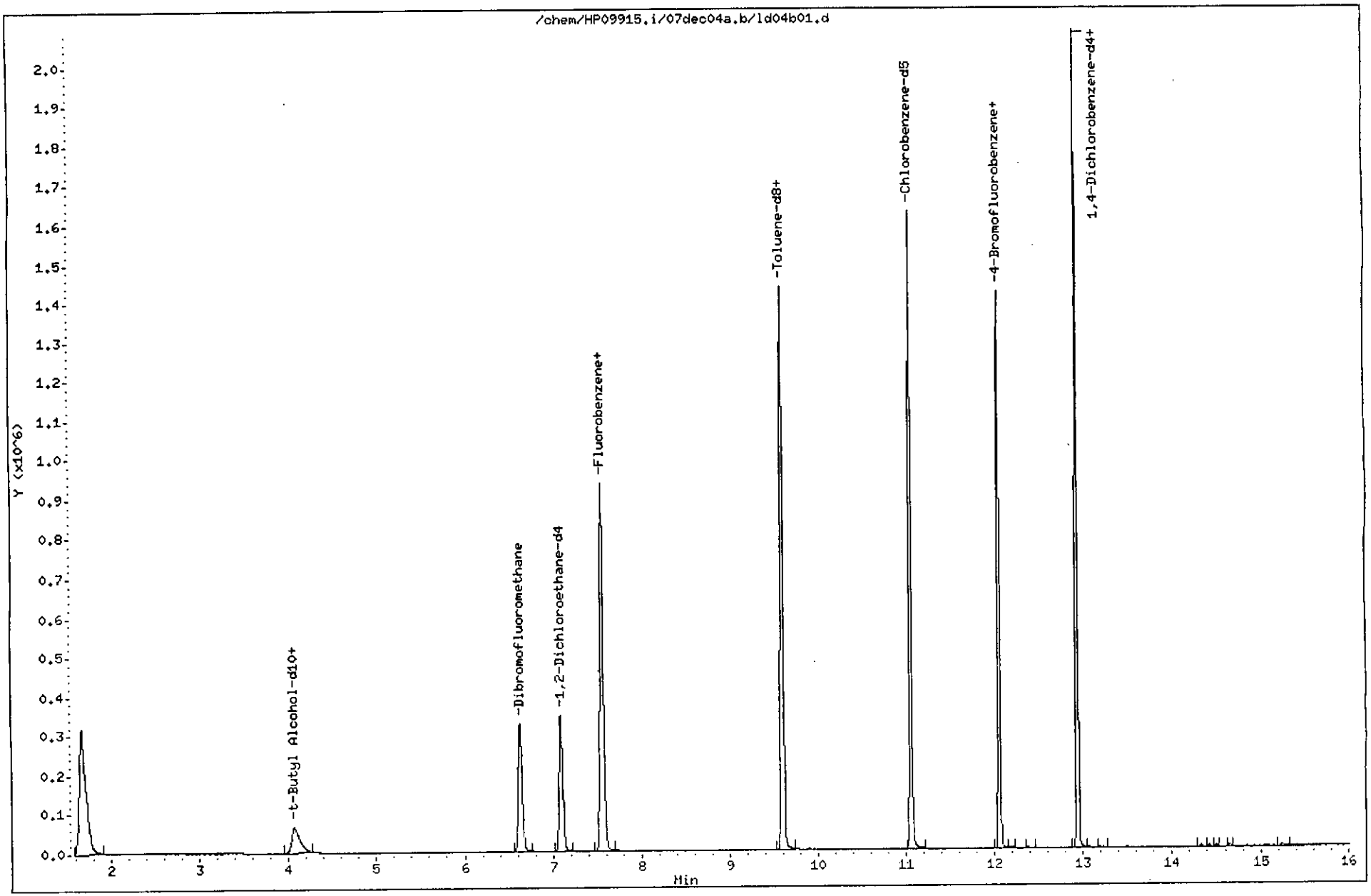
Auditor: _____ Date: 12-5-07

Data File: /chem/HP09915.i/07dec04a.b/ld04b01.d
Date : 04-DEC-2007 18:09
Client ID: VBLKL37
Sample Info: VBLKL37;VBLKL37;1;3;;;;;;;
Purge Volume: 5.0
Column phase: DB-624

Instrument: HP09915.i

Operator: SEW02002
Column diameter: 0.25

8254



Quant Report

Target Revision 3.5

Data File: /chem/HP09915.i/07dec04a.b/ld04b01.d Instrument ID: HP09915.i
Injection date and time: 04-DEC-2007 18:09 Analyst ID: SEW02002

Method used: /chem/HP09915.i/07dec04a.b/L8260W.m Sublist used: 8260W-2M
Calibration date and time: 29-NOV-2007 21:45
Date, time and analyst ID of latest file update: 04-Dec-2007 18:32 sew02002

Sample Name: VBLKL37 Lab Sample ID: VBLKL37

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
27) *t-Butyl Alcohol-d10	(4)	4.067	65	220393	250.000
71) *Fluorobenzene	(1)	7.559	96	1244160	50.000
101) *Chlorobenzene-d5	(2)	11.060	117	905568	50.000
132) *1,4-Dichlorobenzene-d4	(3)	12.938	152	498368	50.000
51) $Dibromofluoromethane	(1)	6.636	113	306021	53.589
62) $1,2-Dichloroethane-d4	(1)	7.092	102	70690	52.291
89) $Toluene-d8	(2)	9.597	98	1207104	53.636
113) $4-Bromofluorobenzene	(2)	12.054	95	455168	48.332

* = Compound is an internal standard.
$ = Compound is a surrogate standard.

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCD02MS

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 5223998

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: HP09915.i/07dec04a.b/ld04s05.d

Level: (low/med) LOW Date Received: 11/30/07

Moisture: not dec. _____ Date Analyzed: 12/04/07

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
74-87-3	Chloromethane	24	
75-01-4	Vinyl Chloride	24	
74-83-9	Bromomethane	15	
75-00-3	Chloroethane	17	
75-69-4	Trichlorofluoromethane	21	
75-35-4	1,1-Dichloroethene	20	
75-09-2	Methylene Chloride	20	
156-60-5	trans-1,2-Dichloroethene	20	
1634-04-4	Methyl Tertiary Butyl Ether	19	
75-34-3	1,1-Dichloroethane	21	
540-59-0	1,2-Dichloroethene (total)	40	
156-59-2	cis-1,2-Dichloroethene	20	
67-66-3	Chloroform	21	
71-55-6	1,1,1-Trichloroethane	21	
56-23-5	Carbon Tetrachloride	21	
71-43-2	Benzene	21	
107-06-2	1,2-Dichloroethane	20	
79-01-6	Trichloroethene	21	
78-87-5	1,2-Dichloropropane	20	
75-27-4	Bromodichloromethane	20	
110-75-8	2-Chloroethyl Vinyl Ether	10	U
10061-01-5	cis-1,3-Dichloropropene	19	
108-88-3	Toluene	21	
10061-02-6	trans-1,3-Dichloropropene	18	
79-00-5	1,1,2-Trichloroethane	20	
127-18-4	Tetrachloroethene	20	
124-48-1	Dibromochloromethane	19	
108-90-7	Chlorobenzene	21	
100-41-4	Ethylbenzene	21	
1330-20-7	m+p-Xylene	42	

0256

FORM I VOA

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCD02MS

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 5223998

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: HP09915.i/07dec04a.b/ld04s05.d

Level: (low/med) LOW Date Received: 11/30/07

Moisture: not dec. _____ Date Analyzed: 12/04/07

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
1330-20-7	Xylene (Total)	63	
95-47-6	o-Xylene	21	
75-25-2	Bromoform	17	
79-34-5	1,1,2,2-Tetrachloroethane	19	
541-73-1	1,3-Dichlorobenzene	20	
106-46-7	1,4-Dichlorobenzene	20	
95-50-1	1,2-Dichlorobenzene	20	

0257

FORM I VOA

BCD02MS

Lancaster Laboratories
Quantitation Report GC/MS Volatiles

5223998

File: /chem/HP09915.i/07dec04a.b/ld04s05.d
Sample: BCD02MS;5223998;1;3;MS;;;;;
Injected At:04-DEC-2007 21:47
Calibration Time: 29-NOV-2007 21:45
Target Method: L8260W.m
Blank Reference: ld04b01.d
Sublist: CBN

Sample Concentration Formula: On-Column Amount * (Vt/Vo)
Batch:L073381AA
Analyst:SEW02002
Instrument ID:HP09915.i
Standard Reference: ld04c01.d
Prep Factor:1.00
Units: ug/L

Matrix: WATER
Level: Low
Sample Wt./Vol.: 5.0000 ml (Vo)
Volume Purged: 5.0 ml (Vt)
Bottle Code:38A

Internal Standards	RT(+/-RT)	Scan	QIon	Area(+/- %Area)	Conc(ext)	QC Flag
71) Fluorobenzene	7.559(0.003)	1859	96	1225974(-4)	50.00	
101) Chlorobenzene-d5	11.060(0.000)	2948	117	893882(-5)	50.00	
132) 1,4-Dichlorobenzene-d4	12.938(0.000)	3532	152	509523(-7)	50.00	

= RETENTION TIME OUT OF RANGE * = INTERNAL STANDARD OUT OF RANGE NC = NOT ABLE TO CALCULATE

Surrogate Standards	I.S. Ref.	RT (+/-RRT)	QIon	Area	Conc. (on column)	%Rec.	QC flags	QC Limits
51) Dibromofluoromethane	(1)	6.633(0.000)	113	299523	53.229	106%		80 - 116
62) 1,2-Dichloroethane-d4	(1)	7.092(0.000)	102	70002	52.550	105%		77 - 113
89) Toluene-d8	(2)	9.597(0.000)	98	1216926	54.779	110%		80 - 113
113) 4-Bromofluorobenzene	(2)	12.054(0.000)	95	471147	50.682	101%		78 - 113

= RELATIVE RETENTION TIME OUT OF RANGE * = PERCENT REC.OUT OF RANGE D = DILUTED OUT NC = NOT ABLE TO CALCULATE

Target Compounds	I.S. Ref.	RT (+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit	LOQ
2) Chloromethane	(1)	2.032(0.001)	50	145483	24.404	24.40			1.00	5.00
3) Vinyl Chloride	(1)	2.170(0.001)	62	156675	23.938	23.94			1.00	5.00
6) Bromomethane	(1)	2.488(0.001)	94	69002	15.487	15.49			1.00	5.00
7) Chloroethane	(1)	2.581(0.001)	64	56057	17.027	17.03			1.00	5.00
8) Trichlorofluoromethane	(1)	2.890(0.001)	101	183214	21.092	21.09			2.00	5.00
16) 1,1-Dichloroethene	(1)	3.430(0.000)	96	109534	20.090	20.09			0.80	5.00
26) Methylene Chloride	(1)	4.051(-0.001)	84	124543	19.557	19.56			2.00	5.00
30) trans-1,2-Dichloroethene	(1)	4.459(0.000)	96	121874	20.034	20.03			0.80	5.00
31) Methyl Tertiary Butyl Ether	(1)	4.466(0.000)	73	325670	18.623	18.62			0.50	5.00
40) 1,2-Dichloroethene (total)	(1)		96	247116	40.225	40.22			0.80	5.00
36) 1,1-Dichloroethane	(1)	5.096(0.000)	63	214893	20.797	20.80			1.00	5.00
42) cis-1,2-Dichloroethene	(1)	5.954(-0.001)	96	125242	20.190	20.19			0.80	5.00
49) Chloroform	(1)	6.411(0.000)	83	204103	20.588	20.59			0.80	5.00
54) 1,1,1-Trichloroethane	(1)	6.681(0.000)	97	173901	20.607	20.61			0.80	5.00
59) Carbon Tetrachloride	(1)	6.912(0.000)	117	154648	20.701	20.70			1.00	5.00
64) Benzene	(1)	7.183(0.000)	78	498578	20.595	20.59			0.50	5.00
65) 1,2-Dichloroethane	(1)	7.199(0.000)	62	165285	20.448	20.45			1.00	5.00
74) Trichloroethene	(1)	8.047(0.000)	95	129469	20.740	20.74			1.00	5.00
77) 1,2-Dichloropropane	(1)	8.337(0.000)	63	130173	20.452	20.45			1.00	5.00
82) Bromodichloromethane	(1)	8.697(0.000)	83	144055	19.668	19.67			1.00	5.00
84) 2-Chloroethyl Vinyl Ether	(1)				ND	ND			2.00	10.00
85) cis-1,3-Dichloropropene	(1)	9.276(-0.001)	75	175116	18.625	18.63			1.00	5.00
90) Toluene	(2)	9.674(0.000)	92	310017	20.926	20.93			0.70	5.00
91) trans-1,3-Dichloropropene	(2)	9.915(0.000)	75	160983	18.232	18.23			1.00	5.00

E = CONC. OUT OF CAL. RANGE # = RELATIVE RETENTION TIME OUT OF RANGE

BCD02MS

Lancaster Laboratories
Quantitation Report GC/MS Volatiles

5223998

File: /chem/HP09915.i/07dec04a.b/ld04s05.d
Sample: BCD02MS;5223998;1;3;MS;;;;;
Injected At:04-DEC-2007 21:47
Calibration Time: 29-NOV-2007 21:45
Target Method: L8260W.m
Blank Reference: ld04b01.d
Sublist: CBN

Sample Concentration Formula: On-Column Amount * (Vt/Vo)
Batch:L073381AA
Analyst:SEW02002
Instrument ID:HP09915.i
Standard Reference: ld04c01.d
Prep Factor:1.00
Units: ug/L

Matrix: WATER
Level: Low
Sample Wt./Vol.: 5.0000 ml (Vo)
Volume Purged: 5.0 ml (Vt)
Bottle Code:38A

Target Compounds	I.S. Ref.	RT	(+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit	LOQ
93) 1,1,2-Trichloroethane	(2)	10.105	(0.000)	97	113166	19.658	19.66			0.80	5.00
94) Tetrachloroethene	(2)	10.266	(0.000)	166	133029	20.252	20.25			0.80	5.00
98) Dibromochloromethane	(2)	10.507	(0.000)	129	116270	18.812	18.81			1.00	5.00
102) Chlorobenzene	(2)	11.086	(0.000)	112	353241	20.586	20.59			0.80	5.00
104) Ethylbenzene	(2)	11.186	(0.000)	91	597793	20.738	20.74			0.80	5.00
105) m+p-Xylene	(2)	11.288	(0.000)	106	472608	41.726	41.73			0.80	5.00
106) Xylene (Total)	(2)			106	697641	62.923	62.92			0.80	5.00
107) o-Xylene	(2)	11.629	(0.000)	106	225033	21.197	21.20			0.80	5.00
109) Bromoform	(2)	11.793	(0.000)	173	77079	16.901	16.90			1.00	5.00
116) 1,1,2,2-Tetrachloroethane	(3)	12.160	(0.000)	83	185253	19.046	19.05			1.00	5.00
131) 1,3-Dichlorobenzene	(3)	12.893	(0.000)	146	287633	19.955	19.96			1.00	5.00
133) 1,4-Dichlorobenzene	(3)	12.954	(0.000)	146	299427	19.566	19.57			1.00	5.00
139) 1,2-Dichlorobenzene	(3)	13.227	(0.000)	146	278484	19.694	19.69			1.00	5.00

E = CONC. OUT OF CAL. RANGE # = RELATIVE RETENTION TIME OUT OF RANGE

Comments: _____

Analyst: SEW2002 Date: 12/4/07

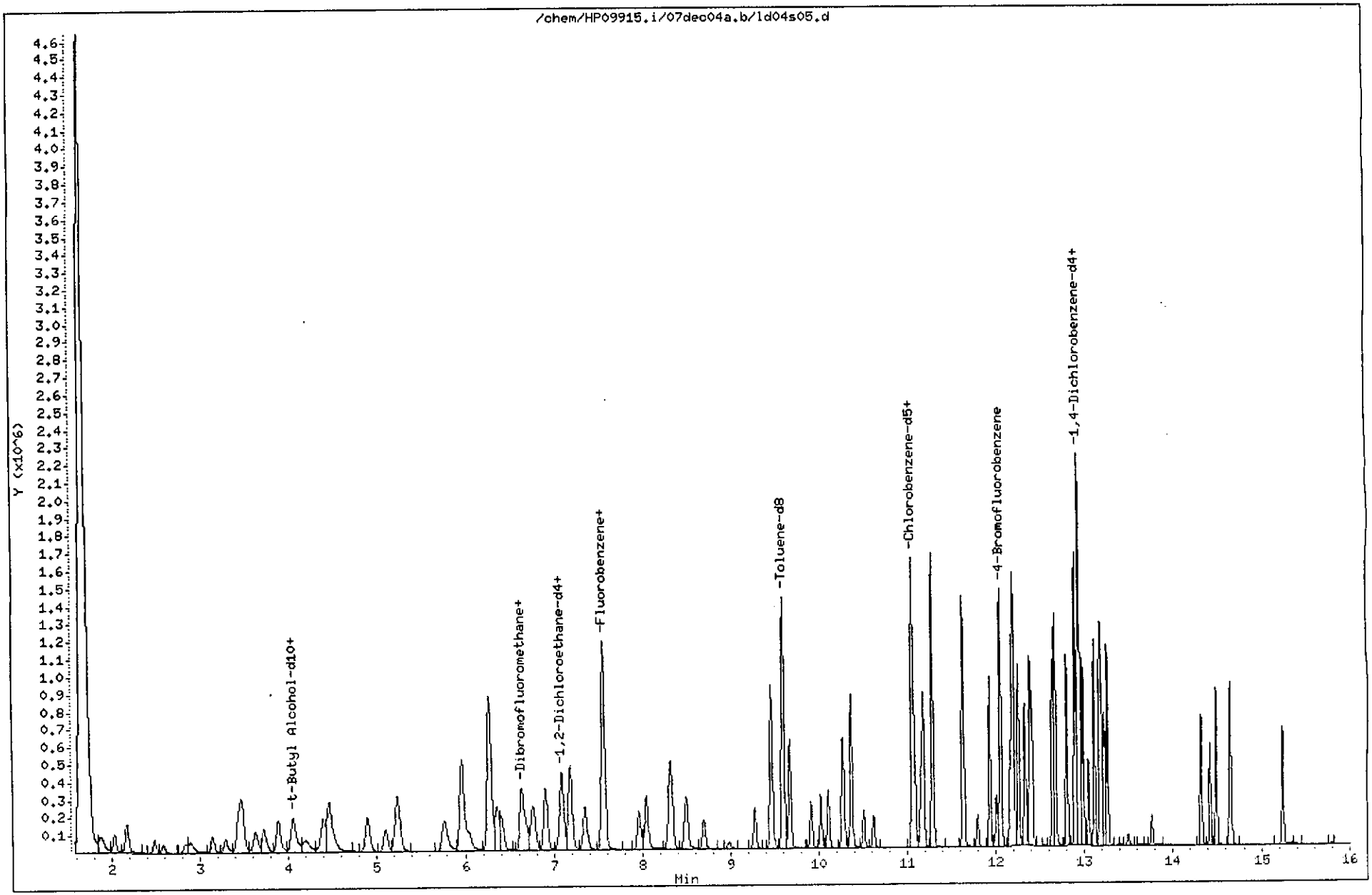
Auditor: [signature] Date: 12-5-07

8259

Data File: /chem/HP09915.i/07dec04a.b/ld04s05.d
Date : 04-DEC-2007 21:47
Client ID: BCD02MS
Sample Info: BCD02MS;5223998;1;3;HS;;;;;
Purge Volume: 5.0
Column phase: DB-624

Instrument: HP09915.i
Operator: SEW02002
Column diameter: 0.25

#268



Quant Report

Target Revision 3.5

Data File: /chem/HP09915.i/07dec04a.b/ld04s05.d Instrument ID: HP09915.i
Injection date and time: 04-DEC-2007 21:47 Analyst ID: SEW02002

Method used: /chem/HP09915.i/07dec04a.b/L8260W.m Sublist used: CBN
Calibration date and time: 29-NOV-2007 21:45
Date, time and analyst ID of latest file update: 04-Dec-2007 22:39 sew02002

Sample Name: BCD02MS Lab Sample ID: 5223998

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
2) Chloromethane	(1)	2.032	50	145483	24.404
3) Vinyl Chloride	(1)	2.170	62	156675	23.938
6) Bromomethane	(1)	2.488	94	69002	15.487
7) Chloroethane	(1)	2.581	64	56057	17.027
8) Trichlorofluoromethane	(1)	2.890	101	183214	21.092
16) 1,1-Dichloroethene	(1)	3.430	96	109534	20.090
26) Methylene Chloride	(1)	4.051	84	124543	19.557
30) trans-1,2-Dichloroethene	(1)	4.459	96	121874	20.034
31) Methyl Tertiary Butyl Ether	(1)	4.466	73	325670	18.623
40) 1,2-Dichloroethene (total)	(1)		96	247116	40.225
36) 1,1-Dichloroethane	(1)	5.096	63	214893	20.797
42) cis-1,2-Dichloroethene	(1)	5.954	96	125242	20.190
49) Chloroform	(1)	6.411	83	204103	20.588
54) 1,1,1-Trichloroethane	(1)	6.681	97	173901	20.607
59) Carbon Tetrachloride	(1)	6.912	117	154648	20.701
64) Benzene	(1)	7.183	78	498578	20.595
65) 1,2-Dichloroethane	(1)	7.199	62	165285	20.448
71) *Fluorobenzene	(1)	7.559	96	1225974	50.000
74) Trichloroethene	(1)	8.047	95	129469	20.740
77) 1,2-Dichloropropane	(1)	8.337	63	130173	20.452
82) Bromodichloromethane	(1)	8.697	83	144055	19.668
85) cis-1,3-Dichloropropene	(1)	9.276	75	175116	18.625
90) Toluene	(2)	9.674	92	310017	20.926
91) trans-1,3-Dichloropropene	(2)	9.915	75	160983	18.232
93) 1,1,2-Trichloroethane	(2)	10.105	97	113166	19.658
94) Tetrachloroethene	(2)	10.266	166	133029	20.252
98) Dibromochloromethane	(2)	10.507	129	116270	18.812
101) *Chlorobenzene-d5	(2)	11.060	117	893882	50.000
102) Chlorobenzene	(2)	11.086	112	353241	20.586
104) Ethylbenzene	(2)	11.186	91	597793	20.738
105) m+p-Xylene	(2)	11.288	106	472608	41.726
106) Xylene (Total)	(2)		106	697641	62.923
107) o-Xylene	(2)	11.629	106	225033	21.197
109) Bromoform	(2)	11.793	173	77079	16.901

* = Compound is an internal standard.

Quant Report

Target Revision 3.5

Data File: /chem/HP09915.i/07dec04a.b/ld04s05.d Instrument ID: HP09915.i
Injection date and time: 04-DEC-2007 21:47 Analyst ID: SEW02002

Method used: /chem/HP09915.i/07dec04a.b/L8260W.m Sublist used: CBN
Calibration date and time: 29-NOV-2007 21:45
Date, time and analyst ID of latest file update: 04-Dec-2007 22:39 sew02002

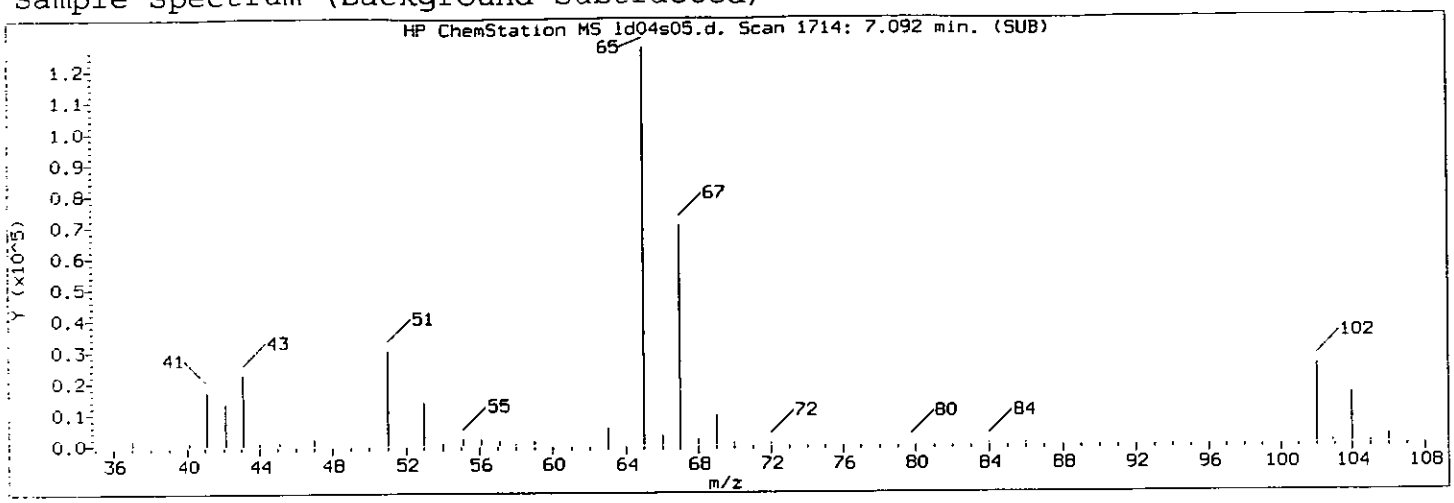
Sample Name: BCD02MS Lab Sample ID: 5223998

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
116) 1,1,2,2-Tetrachloroethane	(3)	12.160	83	185253	19.046
131) 1,3-Dichlorobenzene	(3)	12.893	146	287633	19.955
132)*1,4-Dichlorobenzene-d4	(3)	12.938	152	509523	50.000
133) 1,4-Dichlorobenzene	(3)	12.954	146	299427	19.566
139) 1,2-Dichlorobenzene	(3)	13.227	146	278484	19.694
51)$Dibromofluoromethane	(1)	6.633	113	299523	53.229
62)$1,2-Dichloroethane-d4	(1)	7.092	102	70002M	52.550
89)$Toluene-d8	(2)	9.597	98	1216926	54.779
113)$4-Bromofluorobenzene	(2)	12.054	95	471147	50.682

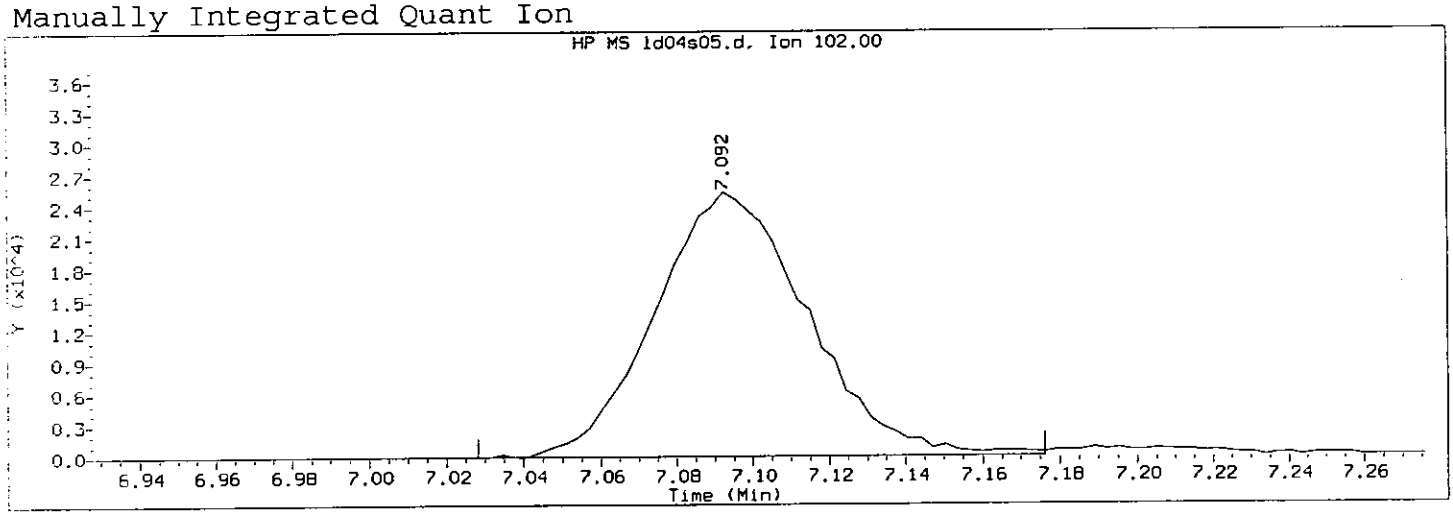
M = Compound was manually integrated.

* = Compound is an internal standard.
$ = Compound is a surrogate standard.

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP09915.i/07dec04a.b/ld04s05.d Instrument ID: HP09915.i
Injection date and time: 04-DEC-2007 21:47 Analyst ID: SEW02002

Method used: /chem/HP09915.i/07dec04a.b/L8260W.m Sublist used: CBN
Calibration date and time: 04-DEC-2007 17:45
Date, time and analyst ID of latest file update: 04-Dec-2007 22:39 sew02002

Sample Name: BCD02MS Lab Sample ID: 5223998

Compound Number : 62
Compound Name : 1,2-Dichloroethane-d4
Scan Number : 1714
Retention Time (minutes): 7.092
Quant Ion : 102
Area (flag) : 70002 M
Concentration (ug/L) : 52.5501
Integration start scan : 1693 Integration stop scan: 1739
Y at integration start : 0 Y at integration end: 0

Reason for manual integration (circle one): missed peak (improper integration)

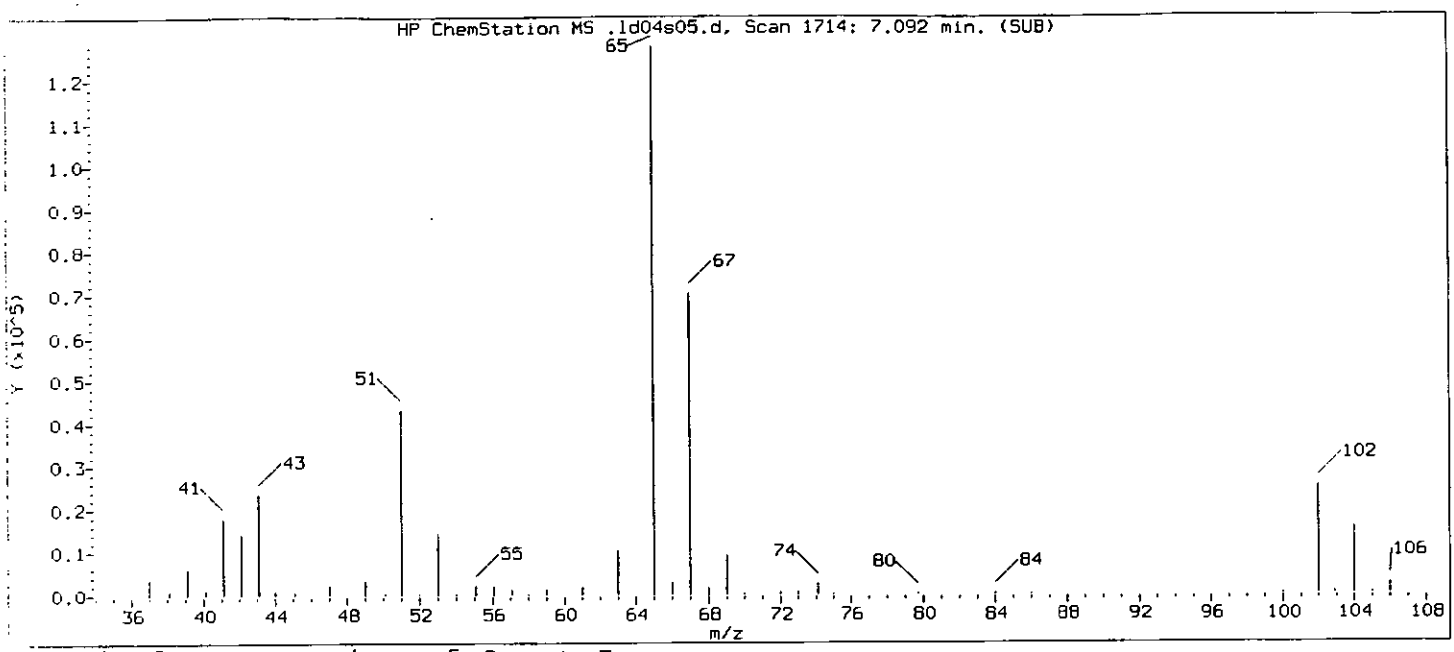
Analyst responsible for change: SEW 12/4/07

GC/MS audit/management approval: AMM 12-5-07

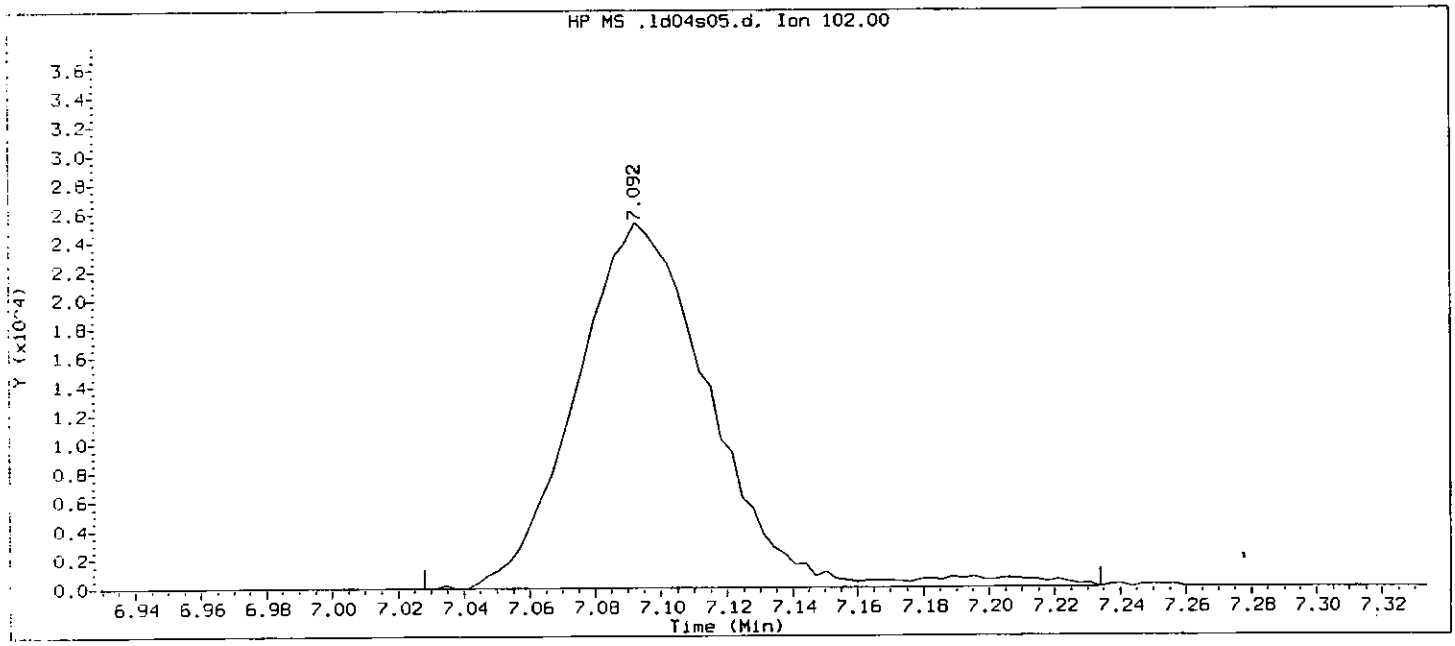
8263

Manual Integration Report for data file /chem/HP09915.i/07dec04a.b/ld04s05.d, generated on 12/04/2007 at 22:39

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP09915.i/07dec04a.b/ld04s05.d Instrument ID: HP09915.i
Injection date and time: 04-DEC-2007 21:47 Analyst ID: SEW02002

Method used: /chem/HP09915.i/07dec04a.b/L8260W.m Sublist used: 8260W-2M
Calibration date and time: 04-DEC-2007 17:45
Date, time and analyst ID of latest file update: 04-Dec-2007 22:05 Automation

Sample Name: BCD02MS Lab Sample ID: 5223998

Compound Number : 62
Compound Name : 1,2-Dichloroethane-d4
Scan Number : 1714
Retention Time (minutes): 7.092
Quant Ion : 102
Area : 71745
Concentration (ug/L) : 53.8592
Integration start scan : 1693 Integration stop scan: 1757
Y at integration start : 0 Y at integration end: 0

0264

Original Integration Report for data file /chem/HP09915.i/07dec04a.b/ld04s05.d, generated on 12/04/2007 at 22:39

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCD02MSD

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 5223999

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: HP09915.i/07dec04a.b/ld04s06.d

Level: (low/med) LOW Date Received: 11/30/07

Moisture: not dec. _____ Date Analyzed: 12/04/07

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
74-87-3	Chloromethane	24	
75-01-4	Vinyl Chloride	24	
74-83-9	Bromomethane	15	
75-00-3	Chloroethane	17	
75-69-4	Trichlorofluoromethane	21	
75-35-4	1,1-Dichloroethene	20	
75-09-2	Methylene Chloride	19	
156-60-5	trans-1,2-Dichloroethene	20	
1634-04-4	Methyl Tertiary Butyl Ether	19	
75-34-3	1,1-Dichloroethane	21	
540-59-0	1,2-Dichloroethene (total)	41	
156-59-2	cis-1,2-Dichloroethene	21	
67-66-3	Chloroform	21	
71-55-6	1,1,1-Trichloroethane	21	
56-23-5	Carbon Tetrachloride	21	
71-43-2	Benzene	21	
107-06-2	1,2-Dichloroethane	21	
79-01-6	Trichloroethene	21	
78-87-5	1,2-Dichloropropane	20	
75-27-4	Bromodichloromethane	20	
110-75-8	2-Chloroethyl Vinyl Ether	10	U
10061-01-5	cis-1,3-Dichloropropene	19	
108-88-3	Toluene	21	
10061-02-6	trans-1,3-Dichloropropene	19	
79-00-5	1,1,2-Trichloroethane	20	
127-18-4	Tetrachloroethene	20	
124-48-1	Dibromochloromethane	19	
108-90-7	Chlorobenzene	21	
100-41-4	Ethylbenzene	21	
1330-20-7	m+p-Xylene	42	

0265

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCD02MSD

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 5223999

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: HP09915.i/07dec04a.b/ld04s06.d

Level: (low/med) LOW Date Received: 11/30/07

Moisture: not dec. _____ Date Analyzed: 12/04/07

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
1330-20-7	Xylene (Total)	64	
95-47-6	o-Xylene	21	
75-25-2	Bromoform	17	
79-34-5	1,1,2,2-Tetrachloroethane	19	
541-73-1	1,3-Dichlorobenzene	20	
106-46-7	1,4-Dichlorobenzene	20	
95-50-1	1,2-Dichlorobenzene	20	

0266

FORM I VOA

BCD02MSD

Lancaster Laboratories
Quantitation Report GC/MS Volatiles

5223999

File: /chem/HP09915.i/07dec04a.b/ld04s06.d
Sample: BCD02MSD;5223999;1;3;MSD;;;;;
Injected At:04-DEC-2007 22:09
Calibration Time: 29-NOV-2007 21:45
Target Method: L8260W.m
Blank Reference: ld04b01.d
Sublist: CBN

Sample Concentration Formula: On-Column Amount * (Vt/Vo)
Batch:L073381AA
Analyst:SEW02002
Instrument ID:HP09915.i
Standard Reference: ld04c01.d
Prep Factor:1.00
Units: ug/L

Matrix: WATER
Level: Low
Sample Wt./Vol.: 5.0000 ml (Vo)
Volume Purged: 5.0 ml (Vt)

Bottle Code:38A

Internal Standards	RT(+/-RT)	Scan	Qlon	Area(+/- %Area)	Conc(ext)	QC Flag
71) Fluorobenzene	7.559(0.003)	1859	96	1250645(-2)	50.00	
101) Chlorobenzene-d5	11.057(0.003)	2947	117	904899(-4)	50.00	
132) 1,4-Dichlorobenzene-d4	12.938(0.000)	3532	152	514826(-6)	50.00	

= RETENTION TIME OUT OF RANGE * = INTERNAL STANDARD OUT OF RANGE NC = NOT ABLE TO CALCULATE

Surrogate Standards	I.S. Ref.	RT (+/-RRT)	QIon	Area	Conc. (on column)	%Rec.	QC flags	QC Limits
51) Dibromofluoromethane	(1)	6.633(0.000)	113	305503	53.221	106%		80 - 116
62) 1,2-Dichloroethane-d4	(1)	7.089(0.000)	102	70128	51.606	103%		77 - 113
89) Toluene-d8	(2)	9.597(0.000)	98	1237587	55.031	110%		80 - 113
113) 4-Bromofluorobenzene	(2)	12.054(0.000)	95	478270	50.822	102%		78 - 113

= RELATIVE RETENTION TIME OUT OF RANGE * = PERCENT REC.OUT OF RANGE D = DILUTED OUT NC = NOT ABLE TO CALCULATE

Target Compounds	I.S. Ref.	RT (+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit	LOQ
2) Chloromethane	(1)	2.028(0.002)	50	148847	24.475	24.48			1.00	5.00
3) Vinyl Chloride	(1)	2.167(0.002)	62	157119	23.532	23.53			1.00	5.00
6) Bromomethane	(1)	2.479(0.002)	94	70008	15.403	15.40			1.00	5.00
7) Chloroethane	(1)	2.578(0.002)	64	57497	17.120	17.12			1.00	5.00
8) Trichlorofluoromethane	(1)	2.893(0.001)	101	185188	20.899	20.90			2.00	5.00
16) 1,1-Dichloroethene	(1)	3.427(0.001)	96	111329	20.017	20.02			0.80	5.00
26) Methylene Chloride	(1)	4.051(-0.001)	84	126630	19.492	19.49			2.00	5.00
30) trans-1,2-Dichloroethene	(1)	4.456(0.000)	96	124365	20.041	20.04			0.80	5.00
31) Methyl Tertiary Butyl Ether	(1)	4.462(0.001)	73	334024	18.724	18.72			0.50	5.00
40) 1,2-Dichloroethene (total)	(1)		96	254328	40.579	40.58			0.80	5.00
36) 1,1-Dichloroethane	(1)	5.096(0.000)	63	219516	20.825	20.83			1.00	5.00
42) cis-1,2-Dichloroethene	(1)	5.954(-0.001)	96	129963	20.538	20.54			0.80	5.00
49) Chloroform	(1)	6.411(0.000)	83	207713	20.539	20.54			0.80	5.00
54) 1,1,1-Trichloroethane	(1)	6.675(0.000)	97	179486	20.849	20.85			0.80	5.00
59) Carbon Tetrachloride	(1)	6.909(0.000)	117	156729	20.566	20.57			1.00	5.00
64) Benzene	(1)	7.183(0.000)	78	510926	20.689	20.69			0.50	5.00
65) 1,2-Dichloroethane	(1)	7.195(0.000)	62	169230	20.523	20.52			1.00	5.00
74) Trichloroethene	(1)	8.047(0.000)	95	133530	20.968	20.97			1.00	5.00
77) 1,2-Dichloropropane	(1)	8.337(0.000)	63	132923	20.472	20.47			1.00	5.00
82) Bromodichloromethane	(1)	8.694(0.000)	83	146304	19.581	19.58			1.00	5.00
84) 2-Chloroethyl Vinyl Ether	(1)				ND	ND			2.00	10.00
85) cis-1,3-Dichloropropene	(1)	9.272(0.000)	75	180537	18.823	18.82			1.00	5.00
90) Toluene	(2)	9.674(0.000)	92	317764	21.188	21.19			0.70	5.00
91) trans-1,3-Dichloropropene	(2)	9.912(0.000)	75	167863	18.780	18.78			1.00	5.00

E = CONC. OUT OF CAL. RANGE # = RELATIVE RETENTION TIME OUT OF RANGE

BCD02MSD

Lancaster Laboratories
Quantitation Report GC/MS Volatiles

5223999

File: /chem/HP09915.i/07dec04a.b/ld04s06.d
Sample: BCD02MSD;5223999;1;3;MSD;;;;;
Injected At:04-DEC-2007 22:09
Calibration Time: 29-NOV-2007 21:45
Target Method: L8260W.m
Blank Reference: ld04b01.d
Sublist: CBN

Sample Concentration Formula: On-Column Amount * (Vt/Vo)
Batch:L073381AA
Analyst:SEW02002
Instrument ID:HP09915.i
Standard Reference: ld04c01.d
Prep Factor:1.00
Units: ug/L

Matrix: WATER
Level: Low
Sample Wt./Vol.: 5.0000 ml (Vo)
Volume Purged: 5.0 ml (Vt)
Bottle Code:38A

Target Compounds	I.S. Ref.	RT	(+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit	LOQ
93) 1,1,2-Trichloroethane	(2)	10.105	(0.000)	97	115835	19.877	19.88			0.80	5.00
94) Tetrachloroethene	(2)	10.266	(0.000)	166	136154	20.476	20.48			0.80	5.00
98) Dibromochloromethane	(2)	10.507	(0.000)	129	117737	18.817	18.82			1.00	5.00
102) Chlorobenzene	(2)	11.086	(0.000)	112	359987	20.724	20.72			0.80	5.00
104) Ethylbenzene	(2)	11.186	(0.000)	91	611053	20.940	20.94			0.80	5.00
105) m+p-Xylene	(2)	11.288	(0.000)	106	482954	42.121	42.12			0.80	5.00
106) Xylene (Total)	(2)			106	712798	63.507	63.51			0.80	5.00
107) o-Xylene	(2)	11.629	(0.000)	106	229844	21.386	21.39			0.80	5.00
109) Bromoform	(2)	11.793	(0.000)	173	79059	17.124	17.12			1.00	5.00
116) 1,1,2,2-Tetrachloroethane	(3)	12.160	(0.000)	83	186886	19.016	19.02			1.00	5.00
131) 1,3-Dichlorobenzene	(3)	12.893	(0.000)	146	293706	20.167	20.17			1.00	5.00
133) 1,4-Dichlorobenzene	(3)	12.954	(0.000)	146	308144	19.929	19.93			1.00	5.00
139) 1,2-Dichlorobenzene	(3)	13.227	(0.000)	146	282336	19.761	19.76			1.00	5.00

E = CONC. OUT OF CAL. RANGE # = RELATIVE RETENTION TIME OUT OF RANGE

Comments: _____

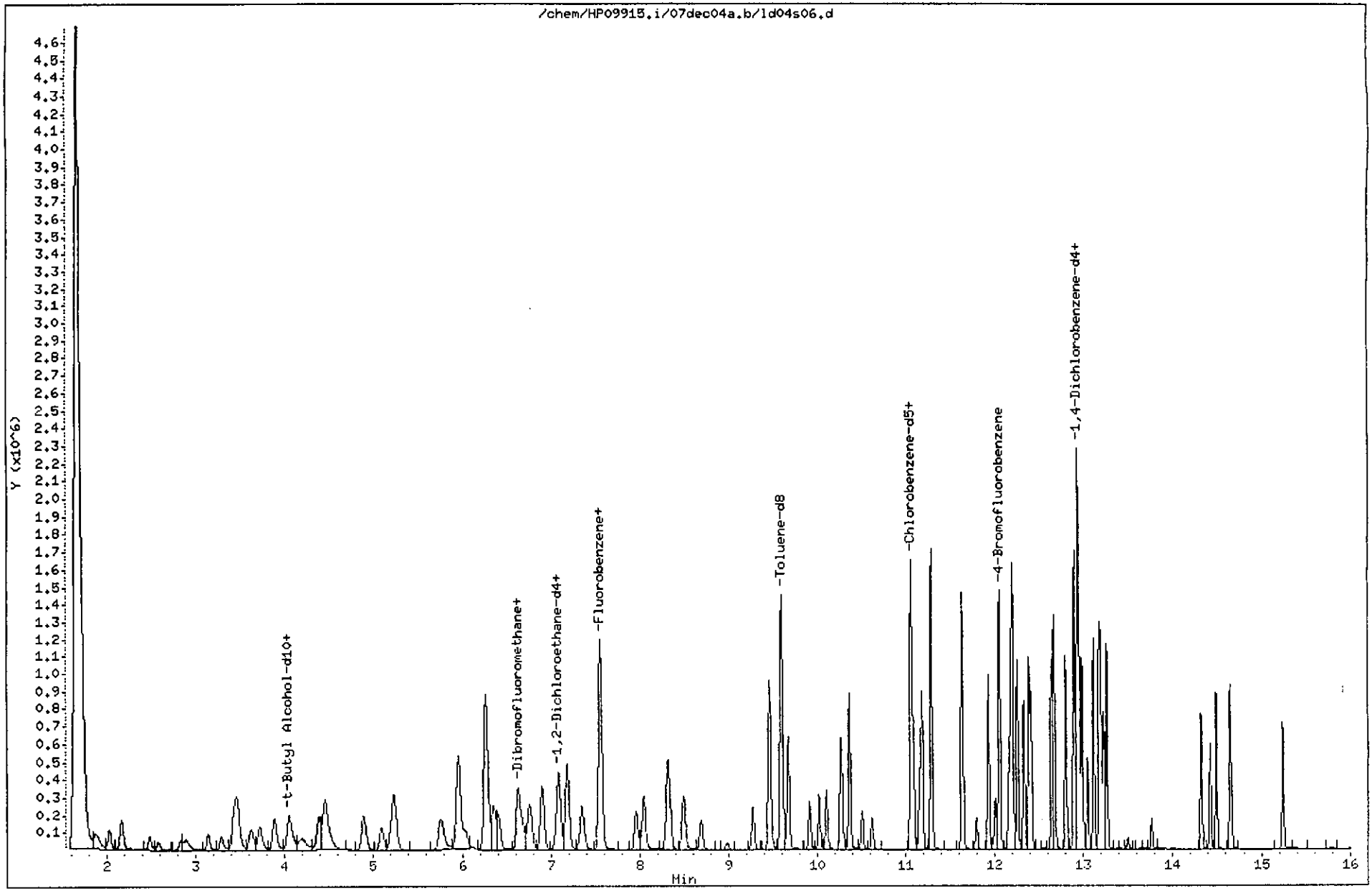
Analyst: SEW 2002 Date: 12/4/07

Auditor: [signature] Date: 12-5-07

Data File: /chem/HP09915.i/07dec04a.b/ld04s06.d
Date : 04-DEC-2007 22:09
Client ID: BCD02HSD
Sample Info: BCD02HSD;5223999;1;3;HSD;;;;;
Purge Volume: 5.0
Column phase: DB-624

Instrument: HP09915.i
Operator: SEW02002
Column diameter: 0.25

8269



Quant Report

Target Revision 3.5

Data File: /chem/HP09915.i/07dec04a.b/ld04s06.d Instrument ID: HP09915.i
Injection date and time: 04-DEC-2007 22:09 Analyst ID: SEW02002

Method used: /chem/HP09915.i/07dec04a.b/L8260W.m Sublist used: CBN
Calibration date and time: 29-NOV-2007 21:45
Date, time and analyst ID of latest file update: 04-Dec-2007 22:44 sew02002

Sample Name: BCD02MSD Lab Sample ID: 5223999

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
2) Chloromethane	(1)	2.028	50	148847	24.475
3) Vinyl Chloride	(1)	2.167	62	157119	23.532
6) Bromomethane	(1)	2.479	94	70008	15.403
7) Chloroethane	(1)	2.578	64	57497	17.120
8) Trichlorofluoromethane	(1)	2.893	101	185188	20.899
16) 1,1-Dichloroethene	(1)	3.427	96	111329	20.017
26) Methylene Chloride	(1)	4.051	84	126630	19.492
30) trans-1,2-Dichloroethene	(1)	4.456	96	124365	20.041
31) Methyl Tertiary Butyl Ether	(1)	4.462	73	334024	18.724
40) 1,2-Dichloroethene (total)	(1)		96	254328	40.579
36) 1,1-Dichloroethane	(1)	5.096	63	219516	20.825
42) cis-1,2-Dichloroethene	(1)	5.954	96	129963	20.538
49) Chloroform	(1)	6.411	83	207713	20.539
54) 1,1,1-Trichloroethane	(1)	6.675	97	179486	20.849
59) Carbon Tetrachloride	(1)	6.909	117	156729	20.566
64) Benzene	(1)	7.183	78	510926	20.689
65) 1,2-Dichloroethane	(1)	7.195	62	169230	20.523
71) *Fluorobenzene	(1)	7.559	96	1250645	50.000
74) Trichloroethene	(1)	8.047	95	133530	20.968
77) 1,2-Dichloropropane	(1)	8.337	63	132923	20.472
82) Bromodichloromethane	(1)	8.694	83	146304	19.581
85) cis-1,3-Dichloropropene	(1)	9.272	75	180537	18.823
90) Toluene	(2)	9.674	92	317764	21.188
91) trans-1,3-Dichloropropene	(2)	9.912	75	167863	18.780
93) 1,1,2-Trichloroethane	(2)	10.105	97	115835	19.877
94) Tetrachloroethene	(2)	10.266	166	136154	20.476
98) Dibromochloromethane	(2)	10.507	129	117737	18.817
101) *Chlorobenzene-d5	(2)	11.057	117	904899	50.000
102) Chlorobenzene	(2)	11.086	112	359987	20.724
104) Ethylbenzene	(2)	11.186	91	611053	20.940
105) m+p-Xylene	(2)	11.288	106	482954	42.121
106) Xylene (Total)	(2)		106	712798	63.507
107) o-Xylene	(2)	11.629	106	229844	21.386
109) Bromoform	(2)	11.793	173	79059	17.124

* = Compound is an internal standard.

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Quant Report

Target Revision 3.5

Data File: /chem/HP09915.i/07dec04a.b/ld04s06.d Instrument ID: HP09915.i
Injection date and time: 04-DEC-2007 22:09 Analyst ID: SEW02002

Method used: /chem/HP09915.i/07dec04a.b/L8260W.m Sublist used: CBN
Calibration date and time: 29-NOV-2007 21:45
Date, time and analyst ID of latest file update: 04-Dec-2007 22:44 sew02002

Sample Name: BCD02MSD Lab Sample ID: 5223999

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
116) 1,1,2,2-Tetrachloroethane	(3)	12.160	83	186886	19.016
131) 1,3-Dichlorobenzene	(3)	12.893	146	293706	20.167
132)*1,4-Dichlorobenzene-d4	(3)	12.938	152	514826	50.000
133) 1,4-Dichlorobenzene	(3)	12.954	146	308144	19.929
139) 1,2-Dichlorobenzene	(3)	13.227	146	282336	19.761
51)$Dibromofluoromethane	(1)	6.633	113	305503	53.221
62)$1,2-Dichloroethane-d4	(1)	7.089	102	70128	51.606
89)$Toluene-d8	(2)	9.597	98	1237587	55.031
113)$4-Bromofluorobenzene	(2)	12.054	95	478270	50.822

* = Compound is an internal standard.
$ = Compound is a surrogate standard.

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

LCSL37

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: LCSL37

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: HP09915.i/07dec04a.b/ld04101.d

Level: (low/med) LOW Date Received:

Moisture: not dec. _____ Date Analyzed: 12/04/07

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	22	
74-87-3	Chloromethane	22	
75-01-4	Vinyl Chloride	22	
74-83-9	Bromomethane	14	
75-00-3	Chloroethane	15	
75-69-4	Trichlorofluoromethane	18	
60-29-7	Ethyl Ether	16	
107-02-8	Acrolein	80	J
75-35-4	1,1-Dichloroethene	18	
76-13-1	Freon 113	16	
67-64-1	Acetone	270	
74-88-4	Methyl Iodide	17	
67-63-0	2-Propanol	120	
75-15-0	Carbon Disulfide	16	
107-05-1	Allyl Chloride	20	
79-20-9	Methyl Acetate	30	
75-09-2	Methylene Chloride	19	
75-65-0	t-Butyl Alcohol	180	
107-13-1	Acrylonitrile	100	
156-60-5	trans-1,2-Dichloroethene	19	
1634-04-4	Methyl Tertiary Butyl Ether	19	
110-54-3	n-Hexane	17	
75-34-3	1,1-Dichloroethane	19	
108-20-3	di-Isopropyl Ether	19	
126-99-8	2-Chloro-1,3-Butadiene	19	
540-59-0	1,2-Dichloroethene (total)	38	
637-92-3	Ethyl t-Butyl Ether	19	
156-59-2	cis-1,2-Dichloroethene	19	
78-93-3	2-Butanone	200	
594-20-7	2,2-Dichloropropane	19	

0272

FORM I VOA

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

LCSL37

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: LCSL37

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: HP09915.i/07dec04a.b/ld04l01.d

Level: (low/med) LOW Date Received:

Moisture: not dec. _____ Date Analyzed: 12/04/07

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
107-12-0	Propionitrile	140	
126-98-7	Methacrylonitrile	150	
74-97-5	Bromochloromethane	20	
109-99-9	Tetrahydrofuran	99	
67-66-3	Chloroform	20	
71-55-6	1,1,1-Trichloroethane	19	
110-82-7	Cyclohexane	18	
563-58-6	1,1-Dichloropropene	19	
56-23-5	Carbon Tetrachloride	19	
78-83-1	Isobutyl Alcohol	430	
71-43-2	Benzene	19	
107-06-2	1,2-Dichloroethane	20	
994-05-8	t-Amyl Methyl Ether	19	
142-82-5	n-Heptane	17	
71-36-3	n-Butanol	820	
79-01-6	Trichloroethene	19	
108-87-2	Methylcyclohexane	20	
78-87-5	1,2-Dichloropropane	20	
74-95-3	Dibromomethane	19	
80-62-6	Methyl Methacrylate	18	
123-91-1	1,4-Dioxane	470	
75-27-4	Bromodichloromethane	19	
79-46-9	2-Nitropropane	16	
110-75-8	2-Chloroethyl Vinyl Ether	19	
10061-01-5	cis-1,3-Dichloropropene	19	
108-10-1	4-Methyl-2-Pentanone	89	
108-88-3	Toluene	20	
10061-02-6	trans-1,3-Dichloropropene	19	
97-63-2	Ethyl Methacrylate	21	
79-00-5	1,1,2-Trichloroethane	19	

8273

FORM I VOA

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

LCSL37

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: LCSL37

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: HP09915.i/07dec04a.b/ld04l01.d

Level: (low/med) LOW Date Received:

Moisture: not dec. _____ Date Analyzed: 12/04/07

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
127-18-4	Tetrachloroethene	19	
142-28-9	1,3-Dichloropropane	20	
591-78-6	2-Hexanone	97	
124-48-1	Dibromochloromethane	19	
106-93-4	1,2-Dibromoethane	20	
108-90-7	Chlorobenzene	20	
630-20-6	1,1,1,2-Tetrachloroethane	19	
100-41-4	Ethylbenzene	20	
1330-20-7	m+p-Xylene	40	
1330-20-7	Xylene (Total)	60	
95-47-6	o-Xylene	20	
100-42-5	Styrene	20	
75-25-2	Bromoform	18	
98-82-8	Isopropylbenzene	19	
108-94-1	Cyclohexanone	500	
79-34-5	1,1,2,2-Tetrachloroethane	19	
108-86-1	Bromobenzene	19	
110-57-6	trans-1,4-Dichloro-2-Butene	88	
96-18-4	1,2,3-Trichloropropane	20	
103-65-1	n-Propylbenzene	19	
95-49-8	2-Chlorotoluene	19	
108-67-8	1,3,5-Trimethylbenzene	20	
106-43-4	4-Chlorotoluene	20	
98-06-6	tert-Butylbenzene	19	
76-01-7	Pentachloroethane	19	
95-63-6	1,2,4-Trimethylbenzene	20	
135-98-8	sec-Butylbenzene	19	
99-87-6	p-Isopropyltoluene	20	
541-73-1	1,3-Dichlorobenzene	19	
106-46-7	1,4-Dichlorobenzene	19	

0274

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

LCSL37

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: LCSL37

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: HP09915.i/07dec04a.b/ld04l01.d

Level: (low/med) LOW Date Received:

Moisture: not dec. _____ Date Analyzed: 12/04/07

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
526-73-8	1,2,3-Trimethylbenzene	20	
100-44-7	Benzyl Chloride	18	
141-93-5	1,3-Diethylbenzene	21	
105-05-5	1,4-Diethylbenzene	20	
104-51-8	n-Butylbenzene	20	
95-50-1	1,2-Dichlorobenzene	19	
135-01-3	1,2-Diethylbenzene	20	
96-12-8	1,2-Dibromo-3-Chloropropane	19	
120-82-1	1,2,4-Trichlorobenzene	19	
87-68-3	Hexachlorobutadiene	18	
91-20-3	Naphthalene	19	
87-61-6	1,2,3-Trichlorobenzene	19	
25340-17-4	Diethylbenzene (total)	61	

8275

LCSL37

Lancaster Laboratories
Quantitation Report GC/MS Volatiles

LCSL37

File: /chem/HP09915.i/07dec04a.b/ld04101.d
Sample: LCSL37;LCSL37;1;3;LCS;;;;;;
Injected At:04-DEC-2007 18:54
Calibration Time: 29-NOV-2007 21:45
Target Method: L8260W.m
Blank Reference: ld04b01.d
Sublist: 8260W-2M

Sample Concentration Formula: On-Column Amount * (Vt/Vo)
Batch:L073381AA
Analyst:SEW02002
Instrument ID:HP09915.i
Standard Reference: ld04c01.d
Prep Factor:1.00
Units: ug/L

Matrix: WATER
Level: Low
Sample Wt./Vol.: 5.0000 ml (Vo)
Volume Purged: 5.0 ml (Vt)
Bottle Code:

Internal Standards	RT(+/-RT)	Scan	QIon	Area(+/- %Area)	Conc(ext)	QC Flag
27) t-Butyl Alcohol-d10	4.067(0.006)	773	65	222123(-4)	250.00	
71) Fluorobenzene	7.552(0.010)	1857	96	1254509(-2)	50.00	
101) Chlorobenzene-d5	11.057(0.003)	2947	117	911867(-3)	50.00	
132) 1,4-Dichlorobenzene-d4	12.938(0.000)	3532	152	514545(-6)	50.00	

= RETENTION TIME OUT OF RANGE * = INTERNAL STANDARD OUT OF RANGE NC = NOT ABLE TO CALCULATE

Surrogate Standards	I.S. Ref.	RT (+/-RRT)	QIon	Area	Conc. (on column)	%Rec.	QC flags	QC Limits
51) Dibromofluoromethane	(1)	6.626(0.000)	113	306305	53.196	106%		80 - 116
62) 1,2-Dichloroethane-d4	(1)	7.089(-0.001)	102	70359	51.617	103%		77 - 113
89) Toluene-d8	(2)	9.597(0.000)	98	1243468	54.870	110%		80 - 113
113) 4-Bromofluorobenzene	(2)	12.054(0.000)	95	480183	50.636	101%		78 - 113

= RELATIVE RETENTION TIME OUT OF RANGE * = PERCENT REC.OUT OF RANGE D = DILUTED OUT NC = NOT ABLE TO CALCULATE

Target Compounds	I.S. Ref.	RT (+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit	LOQ
1) Dichlorodifluoromethane	(1)	1.874(0.001)	85	161597	21.813	21.81			2.00	5.00
2) Chloromethane	(1)	2.019(0.003)	50	136129	22.315	22.32			1.00	5.00
3) Vinyl Chloride	(1)	2.151(0.003)	62	144256	21.539	21.54			1.00	5.00
6) Bromomethane	(1)	2.475(0.002)	94	62183	13.639	13.64			1.00	5.00
7) Chloroethane	(1)	2.572(0.002)	64	50717	15.055	15.05			1.00	5.00
8) Trichlorofluoromethane	(1)	2.877(0.002)	101	161850	18.209	18.21			2.00	5.00
10) Ethyl Ether	(1)	3.131(0.001)	59	74855	16.499	16.50			2.00	5.00
15) Acrolein	(4)	3.276(0.002)	56	125559	79.816	79.82		J	40.00	100.00
16) 1,1-Dichloroethene	(1)	3.417(0.002)	96	101550	18.202	18.20			0.80	5.00
17) Freon 113	(1)	3.456(0.002)	101	109274	16.249	16.25			2.00	10.00
18) Acetone	(1)	3.453(0.001)	43	567415	273.379	273.38			6.00	20.00
20) Methyl Iodide	(1)	3.610(0.001)	142	184856	17.245	17.24			1.00	5.00
21) 2-Propanol	(4)	3.623(-0.001)	45	76134	124.636	124.64			50.00	100.00
22) Carbon Disulfide	(1)	3.713(0.000)	76	354395	16.342	16.34			1.00	5.00
23) Allyl Chloride	(1)	3.871(0.001)	41	153148	19.797	19.80			1.00	5.00
25) Methyl Acetate	(1)	3.884(0.001)	43	160165	29.947	29.95			1.00	5.00
26) Methylene Chloride	(1)	4.035(0.001)	84	123870	19.009	19.01			2.00	5.00
28) t-Butyl Alcohol	(4)	4.189(-0.002)	59	172326	177.790	177.79			10.00	80.00
29) Acrylonitrile	(1)	4.382(0.000)	53	300821	99.849	99.85			4.00	20.00
30) trans-1,2-Dichloroethene	(1)	4.450(0.001)	96	116437	18.705	18.71			0.80	5.00
31) Methyl Tertiary Butyl Ether	(1)	4.456(0.001)	73	331091	18.503	18.50			0.50	5.00
33) n-Hexane	(1)	4.884(0.000)	57	167436	16.829	16.83			2.00	5.00
40) 1,2-Dichloroethene (total)	(1)		96	239422	38.081	38.08			0.80	5.00
36) 1,1-Dichloroethane	(1)	5.086(0.000)	63	206120	19.494	19.49			1.00	5.00

E = CONC. OUT OF CAL. RANGE # = RELATIVE RETENTION TIME OUT OF RANGE

LCSL37

Lancaster Laboratories
Quantitation Report GC/MS Volatiles

LCSL37

File: /chem/HP09915.i/07dec04a.b/ld04101.d
Sample: LCSL37;LCSL37;1;3;LCS;;;;;;
Injected At:04-DEC-2007 18:54
Calibration Time: 29-NOV-2007 21:45
Target Method: L8260W.m
Blank Reference: ld04b01.d
Sublist: 8260W-2M

Sample Concentration Formula: On-Column Amount * (Vt/Vo)
Batch:L073381AA
Analyst:SEW02002
Instrument ID:HP09915.i
Standard Reference: ld04c01.d
Prep Factor:1.00
Units: ug/L

Matrix: WATER
Level: Low
Sample Wt./Vol.: 5.0000 ml (Vo)
Volume Purged: 5.0 ml (Vt)
Bottle Code:

Target Compounds	I.S. Ref.	RT (+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit	LOQ
37) di-Isopropyl Ether	(1)	5.212(0.001)	45	337829	19.200	19.20			0.80	5.00
39) 2-Chloro-1,3-Butadiene	(1)	5.234(0.000)	53	145063	18.552	18.55			1.00	5.00
41) Ethyl t-Butyl Ether	(1)	5.758(0.000)	59	305805	18.920	18.92			0.80	5.00
42) cis-1,2-Dichloroethene	(1)	5.948(-0.001)	96	122985	19.375	19.38			0.80	5.00
43) 2-Butanone	(1)	5.961(0.000)	43	738466	198.630	198.63			3.00	10.00
44) 2,2-Dichloropropane	(1)	5.951(0.001)	77	143518	18.500	18.50			1.00	5.00
45) Propionitrile	(4)	6.038(-0.002)	54	189561	142.713	142.71			30.00	100.00
46) Methacrylonitrile	(1)	6.260(0.000)	67	516844	152.597	152.60			10.00	50.00
47) Bromochloromethane	(1)	6.282(0.000)	128	62792	20.095	20.10			1.00	5.00
48) Tetrahydrofuran	(4)	6.350(-0.001)	71	110454	98.748	98.75			4.00	10.00
49) Chloroform	(1)	6.408(-0.001)	83	198993	19.616	19.62			0.80	5.00
54) 1,1,1-Trichloroethane	(1)	6.675(0.000)	97	163936	18.984	18.98			0.80	5.00
55) Cyclohexane	(1)	6.758(0.001)	56	198547	17.754	17.75			2.00	5.00
58) 1,1-Dichloropropene	(1)	6.893(0.000)	75	156967	18.863	18.86			1.00	5.00
59) Carbon Tetrachloride	(1)	6.909(-0.001)	117	144218	18.866	18.87			1.00	5.00
60) Isobutyl Alcohol	(4)	7.064(-0.001)	41	149453	427.253	427.25			100.00	250.00
64) Benzene	(1)	7.173(0.000)	78	481463	19.436	19.44			0.50	5.00
65) 1,2-Dichloroethane	(1)	7.192(0.000)	62	163928	19.819	19.82			1.00	5.00
68) t-Amyl Methyl Ether	(1)	7.350(-0.001)	73	292870	18.831	18.83			0.80	5.00
70) n-Heptane	(1)	7.568(-0.001)	43	165241	17.239	17.24			2.00	5.00
73) n-Butanol	(4)	7.957(-0.002)	56	253794	816.972	816.97			100.00	250.00
74) Trichloroethene	(1)	8.047(-0.001)	95	124110	19.429	19.43			1.00	5.00
77) 1,2-Dichloropropane	(1)	8.327(0.000)	63	127272	19.541	19.54			1.00	5.00
75) Methylcyclohexane	(1)	8.308(-0.001)	83	210446	19.681	19.68			1.00	5.00

E = CONC. OUT OF CAL. RANGE # = RELATIVE RETENTION TIME OUT OF RANGE

LCSL37

Lancaster Laboratories
Quantitation Report GC/MS Volatiles

LCSL37

File: /chem/HP09915.i/07dec04a.b/ld04l01.d
Sample: LCSL37;LCSL37;1;3;LCS;;;;;;
Injected At:04-DEC-2007 18:54
Calibration Time: 29-NOV-2007 21:45
Target Method: L8260W.m
Blank Reference: ld04b01.d
Sublist: 8260W-2M

Sample Concentration Formula: On-Column Amount * (Vt/Vo)
Batch:L073381AA
Analyst:SEW02002
Instrument ID:HP09915.i
Standard Reference: ld04c01.d
Prep Factor:1.00
Units: ug/L

Matrix: WATER
Level: Low
Sample Wt./Vol.: 5.0000 ml (Vo)
Volume Purged: 5.0 ml (Vt)
Bottle Code:

Target Compounds	I.S. Ref.	RT (+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit	LOQ
80) Methyl Methacrylate	(1)	8.501(-0.001)	69	107049	18.294	18.29			1.00	5.00
79) Dibromomethane	(1)	8.482(-0.001)	93	81756	19.410	19.41			1.00	5.00
81) 1,4-Dioxane	(4)	8.510(-0.003)	88	45662	472.497	472.50			70.00	250.00
82) Bromodichloromethane	(1)	8.691(-0.001)	83	144090	19.225	19.23			1.00	5.00
83) 2-Nitropropane	(1)	8.983(-0.001)	41	33380	16.395	16.40			2.00	10.00
84) 2-Chloroethyl Vinyl Ether	(1)	9.092(-0.001)	63	85733	19.009	19.01			2.00	10.00
85) cis-1,3-Dichloropropene	(1)	9.269(-0.001)	75	183767	19.101	19.10			1.00	5.00
87) 4-Methyl-2-Pentanone	(1)	9.462(-0.002)	43	790728	88.574	88.57			3.00	10.00
90) Toluene	(2)	9.671(0.000)	92	298100	19.725	19.72			0.70	5.00
91) trans-1,3-Dichloropropene	(2)	9.909(0.000)	75	170120	18.887	18.89			1.00	5.00
92) Ethyl Methacrylate	(2)	10.022(0.000)	69	179623	20.682	20.68			1.00	5.00
93) 1,1,2-Trichloroethane	(2)	10.105(0.000)	97	114001	19.413	19.41			0.80	5.00
94) Tetrachloroethene	(2)	10.266(0.000)	166	127536	19.033	19.03			0.80	5.00
95) 1,3-Dichloropropane	(2)	10.279(0.000)	76	196873	19.597	19.60			1.00	5.00
96) 2-Hexanone	(2)	10.366(0.000)	43	670403	96.607	96.61			3.00	10.00
98) Dibromochloromethane	(2)	10.507(0.000)	129	119503	18.953	18.95			1.00	5.00
100) 1,2-Dibromoethane	(2)	10.616(0.000)	107	126196	19.736	19.74			1.00	5.00
102) Chlorobenzene	(2)	11.086(0.000)	112	344574	19.685	19.68			0.80	5.00
103) 1,1,1,2-Tetrachloroethane	(2)	11.157(0.000)	131	110736	18.837	18.84			1.00	5.00
104) Ethylbenzene	(2)	11.186(0.000)	91	578640	19.678	19.68			0.80	5.00
105) m+p-Xylene	(2)	11.285(0.000)	106	456536	39.512	39.51			0.80	5.00
106) Xylene (Total)	(2)		106	673855	59.579	59.58			0.80	5.00
107) o-Xylene	(2)	11.629(0.000)	106	217319	20.066	20.07			0.80	5.00
108) Styrene	(2)	11.636(0.000)	104	344382	19.554	19.55			1.00	5.00

E = CONC. OUT OF CAL. RANGE # = RELATIVE RETENTION TIME OUT OF RANGE

Lancaster Laboratories
Quantitation Report GC/MS Volatiles

LCSL37

File: /chem/HP09915.i/07dec04a.b/ld04101.d
Sample: LCSL37;LCSL37;1;3;LCS;;;;;;
Injected At:04-DEC-2007 18:54
Calibration Time: 29-NOV-2007 21:45
Target Method: L8260W.m
Blank Reference: ld04b01.d
Sublist: 8260W-2M

Sample Concentration Formula: On-Column Amount * (Vt/Vo)
Batch:L073381AA
Analyst:SEW02002
Instrument ID:HP09915.i
Standard Reference: ld04c01.d
Prep Factor:1.00
Units: ug/L

Matrix: WATER
Level: Low
Sample Wt./Vol.: 5.0000 ml (Vo)
Volume Purged: 5.0 ml (Vt)
Bottle Code:

Target Compounds	I.S. Ref.	RT	(+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit	LOQ
109) Bromoform	(2)	11.790	(0.000)	173	82572	17.748	17.75			1.00	5.00
111) Isopropylbenzene	(2)	11.932	(0.000)	105	548875	19.445	19.45			1.00	5.00
115) Cyclohexanone	(4)	12.005	(-0.005)	55	177612	495.843	495.84			55.00	250.00
116) 1,1,2,2-Tetrachloroethane	(3)	12.160	(0.000)	83	189044	19.246	19.25			1.00	5.00
118) trans-1,4-Dichloro-2-Butene	(3)	12.202	(0.000)	53	239655	87.651	87.65			15.00	50.00
117) Bromobenzene	(3)	12.182	(0.000)	156	145339	19.410	19.41			1.00	5.00
119) 1,2,3-Trichloropropane	(3)	12.195	(0.000)	110	53113	19.725	19.73			1.00	5.00
120) n-Propylbenzene	(3)	12.256	(0.000)	120	165095	19.379	19.38			1.00	5.00
122) 2-Chlorotoluene	(3)	12.330	(0.000)	126	140285	19.407	19.41			1.00	5.00
123) 1,3,5-Trimethylbenzene	(3)	12.388	(0.000)	120	242553	19.703	19.70			1.00	5.00
125) 4-Chlorotoluene	(3)	12.411	(0.000)	126	147616	19.587	19.59			1.00	5.00
126) tert-Butylbenzene	(3)	12.639	(0.000)	134	105479	19.425	19.43			1.00	5.00
127) Pentachloroethane	(3)	12.661	(0.000)	167	88731	19.293	19.29			1.00	5.00
128) 1,2,4-Trimethylbenzene	(3)	12.674	(0.000)	105	520881	19.880	19.88			1.00	5.00
129) sec-Butylbenzene	(3)	12.803	(0.000)	134	124974	19.109	19.11			1.00	5.00
130) p-Isopropyltoluene	(3)	12.899	(0.000)	134	146471	19.651	19.65			1.00	5.00
131) 1,3-Dichlorobenzene	(3)	12.893	(0.000)	146	281877	19.365	19.37			1.00	5.00
133) 1,4-Dichlorobenzene	(3)	12.954	(0.000)	146	297553	19.254	19.25			1.00	5.00
134) 1,2,3-Trimethylbenzene	(3)	12.986	(0.000)	120	225072	20.241	20.24			1.00	5.00
135) Benzyl Chloride	(3)	13.047	(0.000)	91	319314	17.831	17.83			1.00	5.00
136) 1,3-Diethylbenzene	(3)	13.115	(0.000)	119	331108	20.520	20.52			1.00	5.00
137) 1,4-Diethylbenzene	(3)	13.176	(0.000)	119	347974	20.254	20.25			1.00	5.00
138) n-Butylbenzene	(3)	13.195	(0.000)	92	282728	19.720	19.72			1.00	5.00
139) 1,2-Dichlorobenzene	(3)	13.227	(0.000)	146	273894	19.181	19.18			1.00	5.00

E = CONC. OUT OF CAL. RANGE # = RELATIVE RETENTION TIME OUT OF RANGE

Lancaster Laboratories
Quantitation Report GC/MS Volatiles

LCSL37

File: /chem/HP09915.i/07dec04a.b/ld04101.d
Sample: LCSL37;LCSL37;1;3;LCS;;;;;;
Injected At:04-DEC-2007 18:54
Calibration Time: 29-NOV-2007 21:45
Target Method: L8260W.m
Blank Reference: ld04b01.d
Sublist: 8260W-2M

Sample Concentration Formula: On-Column Amount * (Vt/Vo)
Batch:L073381AA
Analyst:SEW02002
Instrument ID:HP09915.i
Standard Reference: ld04c01.d
Prep Factor:1.00
Units: ug/L

Matrix: WATER
Level: Low
Sample Wt./Vol.: 5.0000 ml (Vo)
Volume Purged: 5.0 ml (Vt)
Bottle Code:

	Target Compounds	I.S. Ref.	RT	(+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit	LOQ
140	1,2-Diethylbenzene	(3)	13.263	(0.000)	119	277574	20.281	20.28			1.00	5.00
141	1,2-Dibromo-3-Chloropropane	(3)	13.761	(0.000)	75	39112	18.654	18.65			2.00	5.00
142	1,2,4-Trichlorobenzene	(3)	14.320	(0.000)	180	202060	19.045	19.05			1.00	5.00
143	Hexachlorobutadiene	(3)	14.423	(0.000)	225	92384	18.344	18.34			2.00	5.00
144	Naphthalene	(3)	14.494	(0.000)	128	612300	19.235	19.24			1.00	5.00
145	1,2,3-Trichlorobenzene	(3)	14.648	(0.000)	180	197376	18.738	18.74			1.00	5.00

E = CONC. OUT OF CAL. RANGE # = RELATIVE RETENTION TIME OUT OF RANGE

Comments: _____

Analyst: sew2002 Date: 12/4/07

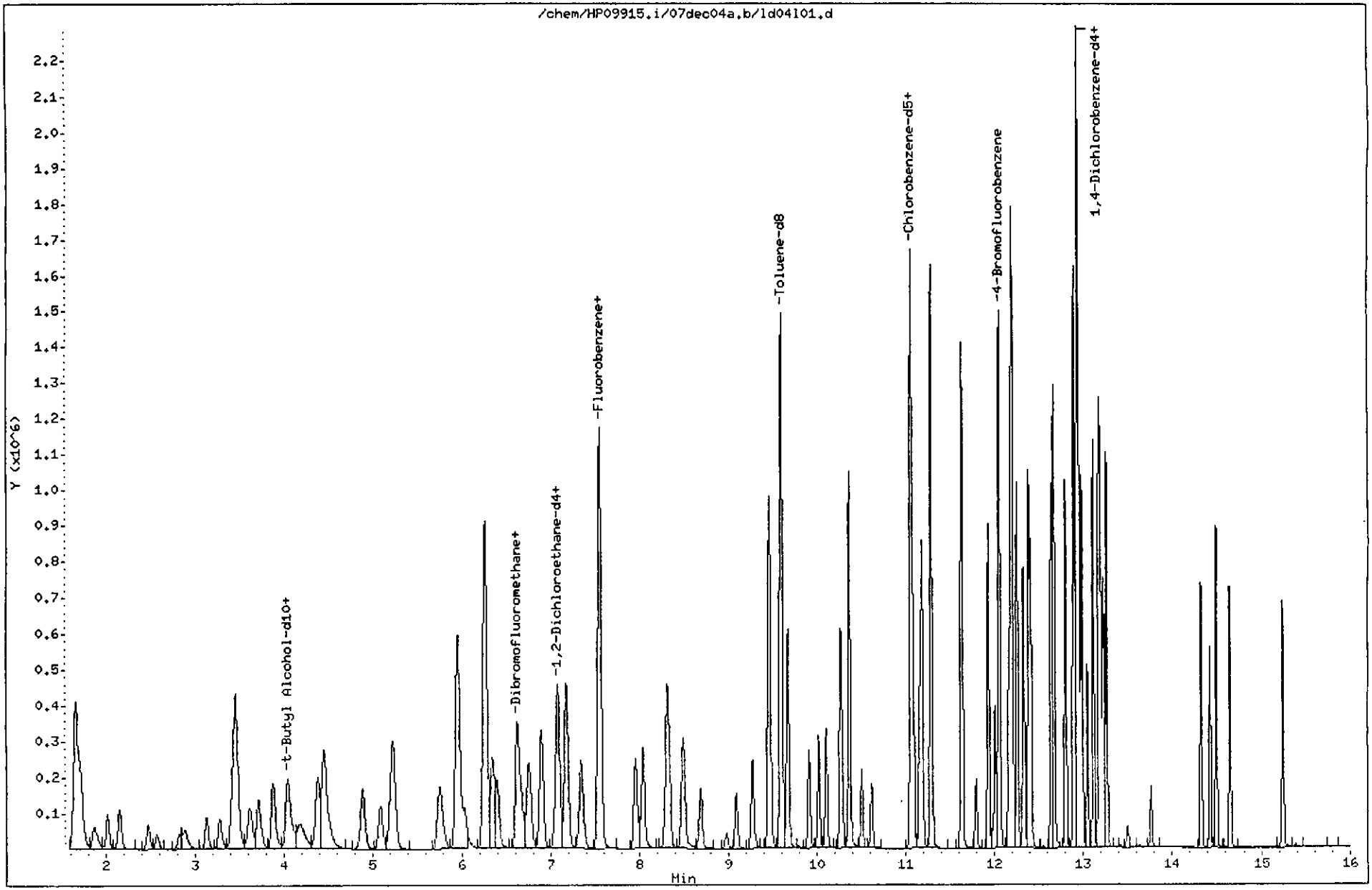
Auditor: _____ Date: 12-5-07

Data File: /chem/HP09915.i/07dec04a.b/ld04101.d
Date : 04-DEC-2007 18:54
Client ID: LCSL37
Sample Info: LCSL37;LCSL37;1;3;LCS;;;;;;
Purge Volume: 5.0
Column phase: DB-624

Instrument: HP09915.i

Operator: SEW02002
Column diameter: 0.25

8281



Quant Report

Target Revision 3.5

Data File: /chem/HP09915.i/07dec04a.b/ld04l01.d Instrument ID: HP09915.i
Injection date and time: 04-DEC-2007 18:54 Analyst ID: SEW02002

Method used: /chem/HP09915.i/07dec04a.b/L8260W.m Sublist used: 8260W-2M
Calibration date and time: 29-NOV-2007 21:45
Date, time and analyst ID of latest file update: 04-Dec-2007 19:46 sew02002

Sample Name: LCSL37 Lab Sample ID: LCSL37

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
1) Dichlorodifluoromethane	(1)	1.874	85	161597	21.813
2) Chloromethane	(1)	2.019	50	136129	22.315
3) Vinyl Chloride	(1)	2.151	62	144256	21.539
6) Bromomethane	(1)	2.475	94	62183	13.639
7) Chloroethane	(1)	2.572	64	50717	15.055
8) Trichlorofluoromethane	(1)	2.877	101	161850	18.209
10) Ethyl Ether	(1)	3.131	59	74855	16.499
15) Acrolein	(4)	3.276	56	125559	79.816
16) 1,1-Dichloroethene	(1)	3.417	96	101550	18.202
17) Freon 113	(1)	3.456	101	109274	16.249
18) Acetone	(1)	3.453	43	567415	273.379
20) Methyl Iodide	(1)	3.610	142	184856	17.245
21) 2-Propanol	(4)	3.623	45	76134	124.636
22) Carbon Disulfide	(1)	3.713	76	354395	16.342
23) Allyl Chloride	(1)	3.871	41	153148M	19.797
25) Methyl Acetate	(1)	3.884	43	160165	29.947
26) Methylene Chloride	(1)	4.035	84	123870	19.009
27) *t-Butyl Alcohol-d10	(4)	4.067	65	222123	250.000
28) t-Butyl Alcohol	(4)	4.189	59	172326M	177.790
29) Acrylonitrile	(1)	4.382	53	300821	99.849
30) trans-1,2-Dichloroethene	(1)	4.450	96	116437	18.705
31) Methyl Tertiary Butyl Ether	(1)	4.456	73	331091	18.503
33) n-Hexane	(1)	4.884	57	167436	16.829
40) 1,2-Dichloroethene (total)	(1)		96	239422	38.081
36) 1,1-Dichloroethane	(1)	5.086	63	206120	19.494
37) di-Isopropyl Ether	(1)	5.212	45	337829	19.200
39) 2-Chloro-1,3-Butadiene	(1)	5.234	53	145063	18.552
41) Ethyl t-Butyl Ether	(1)	5.758	59	305805	18.920
42) cis-1,2-Dichloroethene	(1)	5.948	96	122985	19.375
43) 2-Butanone	(1)	5.961	43	738466	198.630
44) 2,2-Dichloropropane	(1)	5.951	77	143518	18.500
45) Propionitrile	(4)	6.038	54	189561	142.713
46) Methacrylonitrile	(1)	6.260	67	516844	152.597
47) Bromochloromethane	(1)	6.282	128	62792	20.095

M = Compound was manually integrated.

* = Compound is an internal standard.

0282

Quant Report

Target Revision 3.5

Data File: /chem/HP09915.i/07dec04a.b/ld04l01.d Instrument ID: HP09915.i
Injection date and time: 04-DEC-2007 18:54 Analyst ID: SEW02002

Method used: /chem/HP09915.i/07dec04a.b/L8260W.m Sublist used: 8260W-2M
Calibration date and time: 29-NOV-2007 21:45
Date, time and analyst ID of latest file update: 04-Dec-2007 19:46 sew02002

Sample Name: LCSL37 Lab Sample ID: LCSL37

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
48) Tetrahydrofuran	(4)	6.350	71	110454	98.748
49) Chloroform	(1)	6.408	83	198993	19.616
54) 1,1,1-Trichloroethane	(1)	6.675	97	163936	18.984
55) Cyclohexane	(1)	6.758	56	198547	17.754
58) 1,1-Dichloropropene	(1)	6.893	75	156967	18.863
59) Carbon Tetrachloride	(1)	6.909	117	144218	18.866
60) Isobutyl Alcohol	(4)	7.064	41	149453	427.253
64) Benzene	(1)	7.173	78	481463	19.436
65) 1,2-Dichloroethane	(1)	7.192	62	163928	19.819
68) t-Amyl Methyl Ether	(1)	7.350	73	292870	18.831
70) n-Heptane	(1)	7.568	43	165241	17.239
71) *Fluorobenzene	(1)	7.552	96	1254509	50.000
73) n-Butanol	(4)	7.957	56	253794	816.972
74) Trichloroethene	(1)	8.047	95	124110	19.429
77) 1,2-Dichloropropane	(1)	8.327	63	127272	19.541
75) Methylcyclohexane	(1)	8.308	83	210446	19.681
80) Methyl Methacrylate	(1)	8.501	69	107049	18.294
79) Dibromomethane	(1)	8.482	93	81756	19.410
81) 1,4-Dioxane	(4)	8.510	88	45662	472.497
82) Bromodichloromethane	(1)	8.691	83	144090	19.225
83) 2-Nitropropane	(1)	8.983	41	33380	16.395
84) 2-Chloroethyl Vinyl Ether	(1)	9.092	63	85733	19.009
85) cis-1,3-Dichloropropene	(1)	9.269	75	183767	19.101
87) 4-Methyl-2-Pentanone	(1)	9.462	43	790728	88.574
90) Toluene	(2)	9.671	92	298100	19.725
91) trans-1,3-Dichloropropene	(2)	9.909	75	170120	18.887
92) Ethyl Methacrylate	(2)	10.022	69	179623	20.682
93) 1,1,2-Trichloroethane	(2)	10.105	97	114001	19.413
94) Tetrachloroethene	(2)	10.266	166	127536	19.033
95) 1,3-Dichloropropane	(2)	10.279	76	196873	19.597
96) 2-Hexanone	(2)	10.366	43	670403	96.607
98) Dibromochloromethane	(2)	10.507	129	119503	18.953
100) 1,2-Dibromoethane	(2)	10.616	107	126196	19.736
101) *Chlorobenzene-d5	(2)	11.057	117	911867	50.000

* = Compound is an internal standard.

Quant Report

Target Revision 3.5

Data File: /chem/HP09915.i/07dec04a.b/ld04l01.d Instrument ID: HP09915.i
Injection date and time: 04-DEC-2007 18:54 Analyst ID: SEW02002

Method used: /chem/HP09915.i/07dec04a.b/L8260W.m Sublist used: 8260W-2M
Calibration date and time: 29-NOV-2007 21:45
Date, time and analyst ID of latest file update: 04-Dec-2007 19:46 sew02002

Sample Name: LCSL37 Lab Sample ID: LCSL37

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
102) Chlorobenzene	(2)	11.086	112	344574	19.685
103) 1,1,1,2-Tetrachloroethane	(2)	11.157	131	110736	18.837
104) Ethylbenzene	(2)	11.186	91	578640	19.678
105) m+p-Xylene	(2)	11.285	106	456536	39.512
106) Xylene (Total)	(2)		106	673855	59.579
107) o-Xylene	(2)	11.629	106	217319	20.066
108) Styrene	(2)	11.636	104	344382	19.554
109) Bromoform	(2)	11.790	173	82572	17.748
111) Isopropylbenzene	(2)	11.932	105	548875	19.445
115) Cyclohexanone	(4)	12.005	55	177612	495.843
116) 1,1,2,2-Tetrachloroethane	(3)	12.160	83	189044	19.246
118) trans-1,4-Dichloro-2-Butene	(3)	12.202	53	239655	87.651
117) Bromobenzene	(3)	12.182	156	145339	19.410
119) 1,2,3-Trichloropropane	(3)	12.195	110	53113	19.725
120) n-Propylbenzene	(3)	12.256	120	165095	19.379
122) 2-Chlorotoluene	(3)	12.330	126	140285	19.407
123) 1,3,5-Trimethylbenzene	(3)	12.388	120	242553	19.703
125) 4-Chlorotoluene	(3)	12.411	126	147616	19.587
126) tert-Butylbenzene	(3)	12.639	134	105479	19.425
127) Pentachloroethane	(3)	12.661	167	88731	19.293
128) 1,2,4-Trimethylbenzene	(3)	12.674	105	520881	19.880
129) sec-Butylbenzene	(3)	12.803	134	124974	19.109
130) p-Isopropyltoluene	(3)	12.899	134	146471	19.651
131) 1,3-Dichlorobenzene	(3)	12.893	146	281877	19.365
132) *1,4-Dichlorobenzene-d4	(3)	12.938	152	514545	50.000
133) 1,4-Dichlorobenzene	(3)	12.954	146	297553	19.254
134) 1,2,3-Trimethylbenzene	(3)	12.986	120	225072	20.241
135) Benzyl Chloride	(3)	13.047	91	319314	17.831
136) 1,3-Diethylbenzene	(3)	13.115	119	331108	20.520
137) 1,4-Diethylbenzene	(3)	13.176	119	347974	20.254
138) n-Butylbenzene	(3)	13.195	92	282728	19.720
139) 1,2-Dichlorobenzene	(3)	13.227	146	273894	19.181
140) 1,2-Diethylbenzene	(3)	13.263	119	277574	20.281
141) 1,2-Dibromo-3-Chloropropane	(3)	13.761	75	39112	18.654

* = Compound is an internal standard.

Quant Report

Target Revision 3.5

Data File: /chem/HP09915.i/07dec04a.b/ld04l01.d Instrument ID: HP09915.i
Injection date and time: 04-DEC-2007 18:54 Analyst ID: SEW02002

Method used: /chem/HP09915.i/07dec04a.b/L8260W.m Sublist used: 8260W-2M
Calibration date and time: 29-NOV-2007 21:45
Date, time and analyst ID of latest file update: 04-Dec-2007 19:46 sew02002

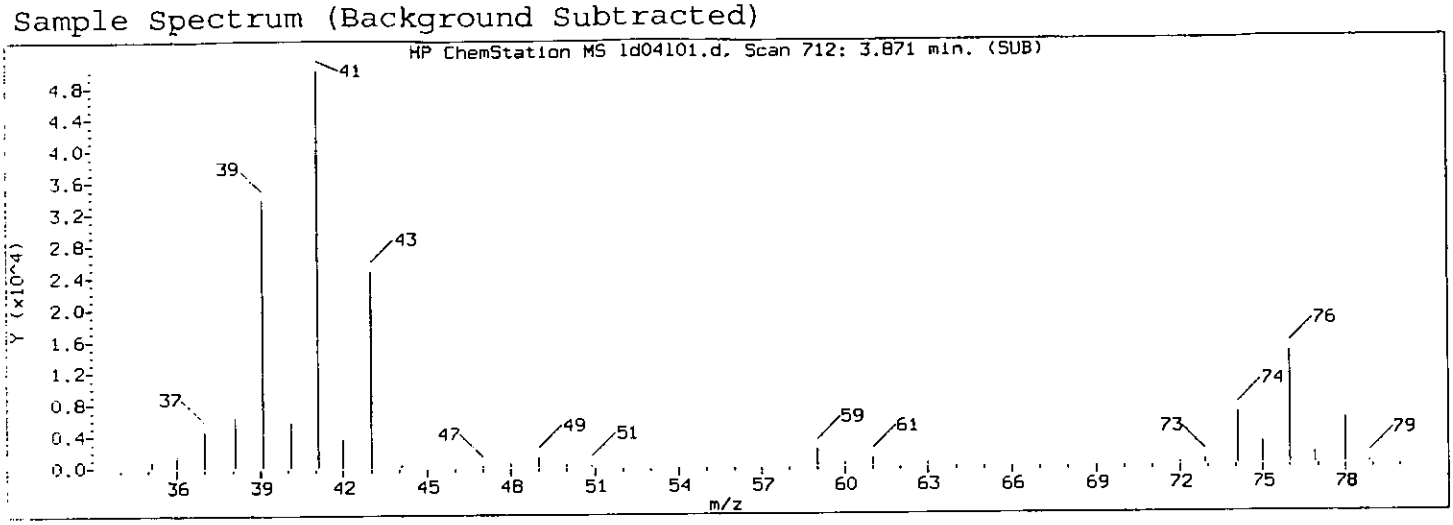
Sample Name: LCSL37 Lab Sample ID: LCSL37

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
142) 1,2,4-Trichlorobenzene	(3)	14.320	180	202060	19.045
143) Hexachlorobutadiene	(3)	14.423	225	92384	18.344
144) Naphthalene	(3)	14.494	128	612300	19.235
145) 1,2,3-Trichlorobenzene	(3)	14.648	180	197376	18.738
51) $Dibromofluoromethane	(1)	6.626	113	306305	53.196
62) $1,2-Dichloroethane-d4	(1)	7.089	102	70359M	51.617
89) $Toluene-d8	(2)	9.597	98	1243468	54.870
113) $4-Bromofluorobenzene	(2)	12.054	95	480183	50.636

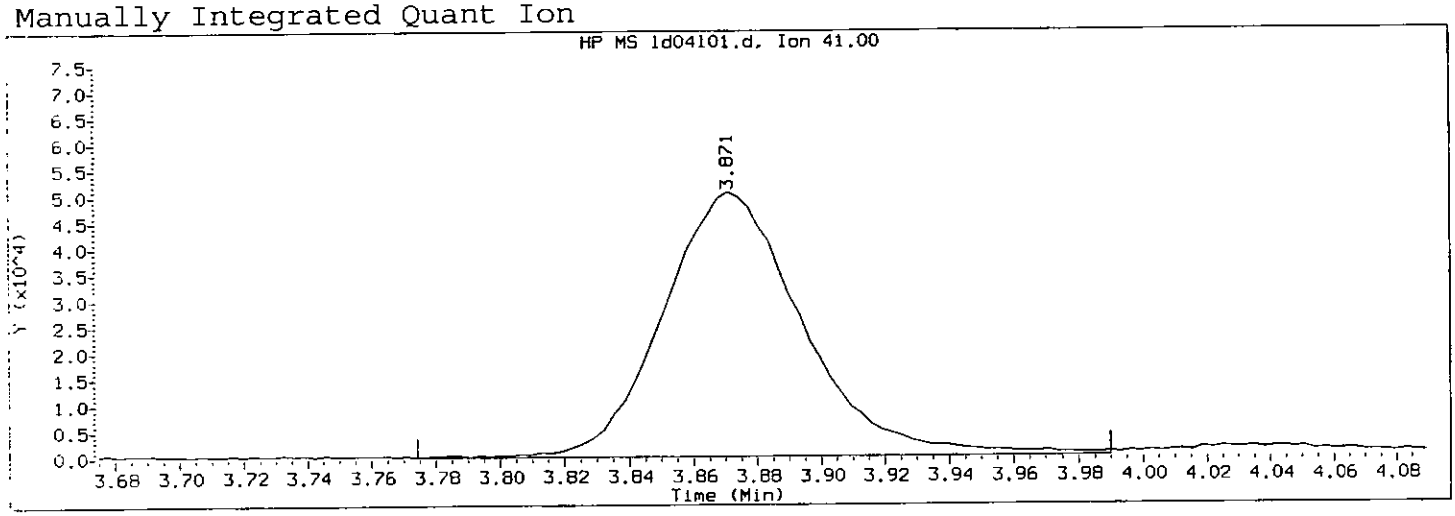
M = Compound was manually integrated.

$ = Compound is a surrogate standard.

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP09915.i/07dec04a.b/ld04101.d Instrument ID: HP09915.i
Injection date and time: 04-DEC-2007 18:54 Analyst ID: SEW02002

Method used: /chem/HP09915.i/07dec04a.b/L8260W.m Sublist used: 8260W-2M
Calibration date and time: 04-DEC-2007 17:45
Date, time and analyst ID of latest file update: 04-Dec-2007 19:46 sew02002

Sample Name: LCSL37 Lab Sample ID: LCSL37

Compound Number	: 23
Compound Name	: Allyl Chloride
Scan Number	: 712
Retention Time (minutes)	: 3.871
Quant Ion	: 41
Area (flag)	: 153148 M
Concentration (ug/L)	: 19.7973
Integration start scan	: 681 Integration stop scan: 748
Y at integration start	: 0 Y at integration end: 0

Reason for manual integration (circle one): missed peak improper integration

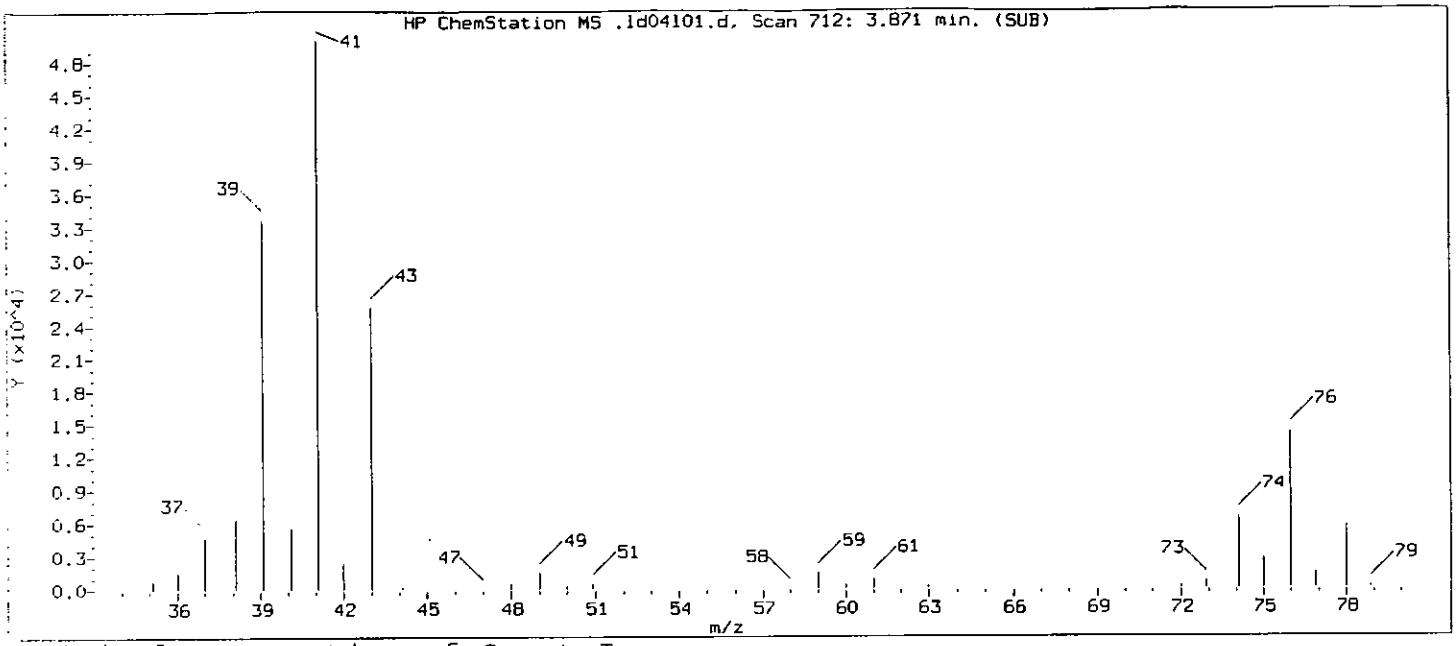
Analyst responsible for change: sew 2002 12/4/07

GC/MS audit/management approval: 12-5-07

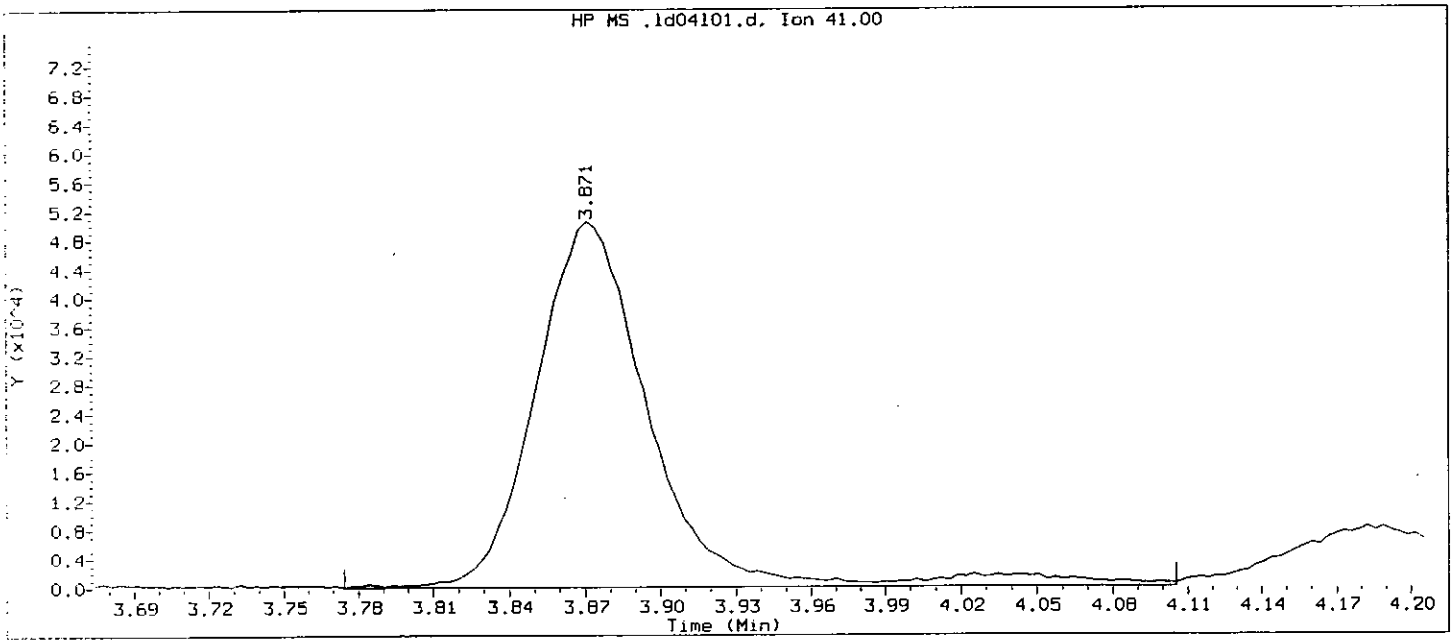
8286

Manual Integration Report for data file /chem/HP09915.i/07dec04a.b/ld04101.d, generated on 12/04/2007 at 19:46

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP09915.i/07dec04a.b/ld04101.d Instrument ID: HP09915.i
Injection date and time: 04-DEC-2007 18:54 Analyst ID: SEW02002

Method used: /chem/HP09915.i/07dec04a.b/L8260W.m Sublist used: 8260W-2M
Calibration date and time: 04-DEC-2007 17:45
Date, time and analyst ID of latest file update: 04-Dec-2007 19:11 Automation

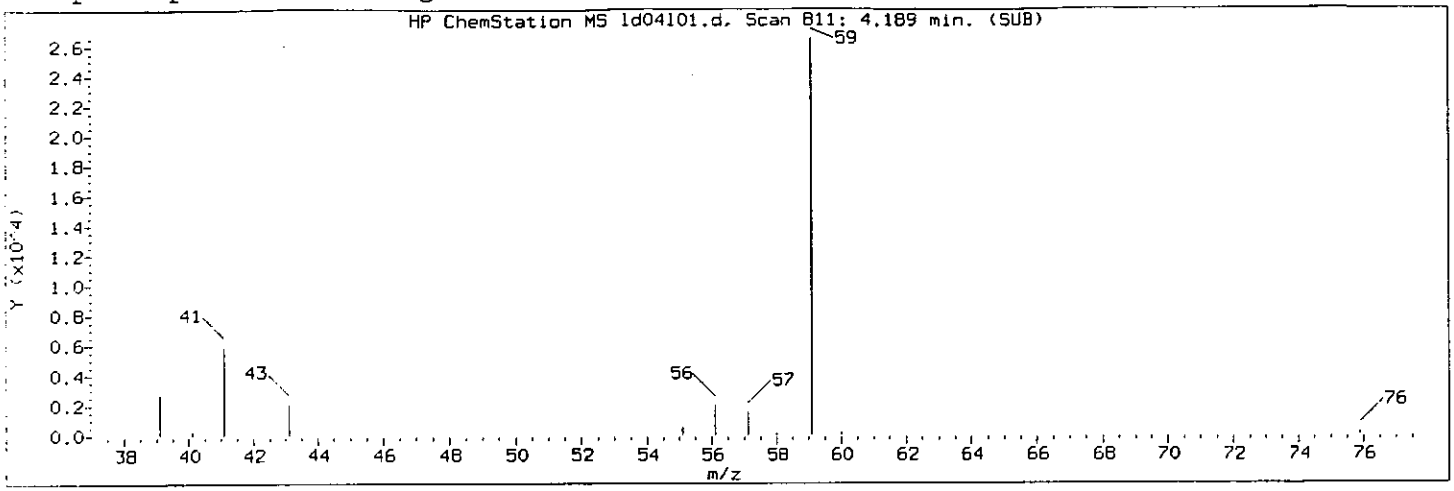
Sample Name: LCSL37 Lab Sample ID: LCSL37

Compound Number : 23
Compound Name : Allyl Chloride
Scan Number : 712
Retention Time (minutes): 3.871
Quant Ion : 41
Area : 160181
Concentration (ug/L) : 20.7064
Integration start scan : 681 Integration stop scan: 784
Y at integration start : 0 Y at integration end: 0

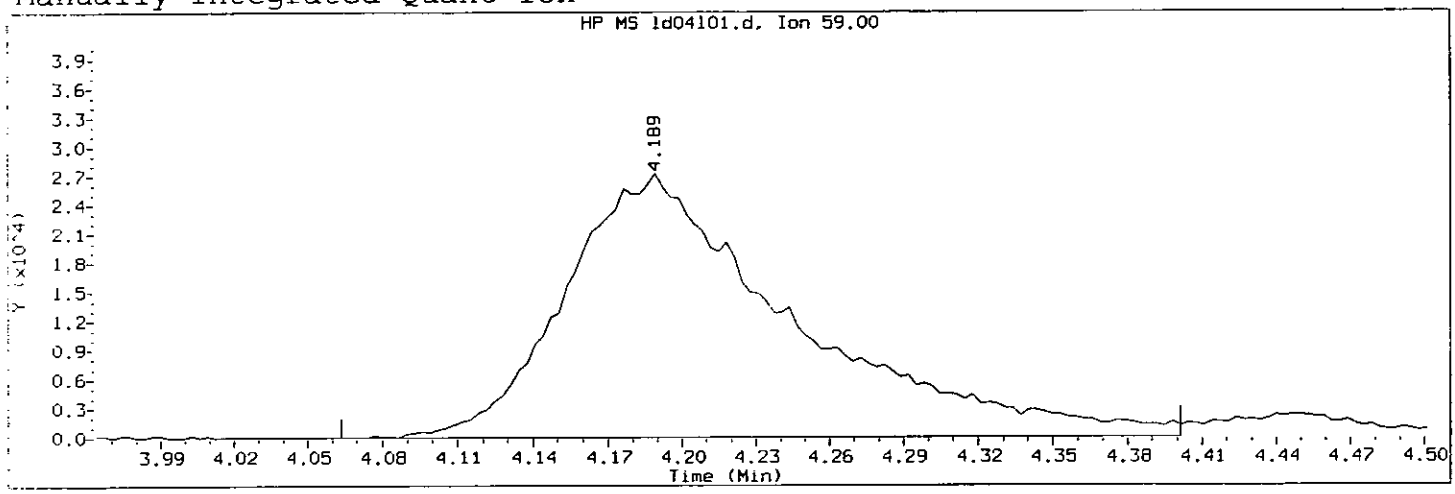
9287

Original Integration Report for data file /chem/HP09915.i/07dec04a.b/ld04101.d, generated on 12/04/2007 at 19:46

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP09915.i/07dec04a.b/ld04101.d Instrument ID: HP09915.i
Injection date and time: 04-DEC-2007 18:54 Analyst ID: SEW02002

Method used: /chem/HP09915.i/07dec04a.b/L8260W.m Sublist used: 8260W-2M
Calibration date and time: 04-DEC-2007 17:45
Date, time and analyst ID of latest file update: 04-Dec-2007 19:46 sew02002

Sample Name: LCSL37 Lab Sample ID: LCSL37

Compound Number	:	28
Compound Name	:	t-Butyl Alcohol
Scan Number	:	811
Retention Time (minutes)	:	4.189
Quant Ion	:	59
Area (flag)	:	172326 M
Concentration (ug/L)	:	177.7895
Integration start scan	:	771 Integration stop scan: 876
Y at integration start	:	0 Y at integration end: 0

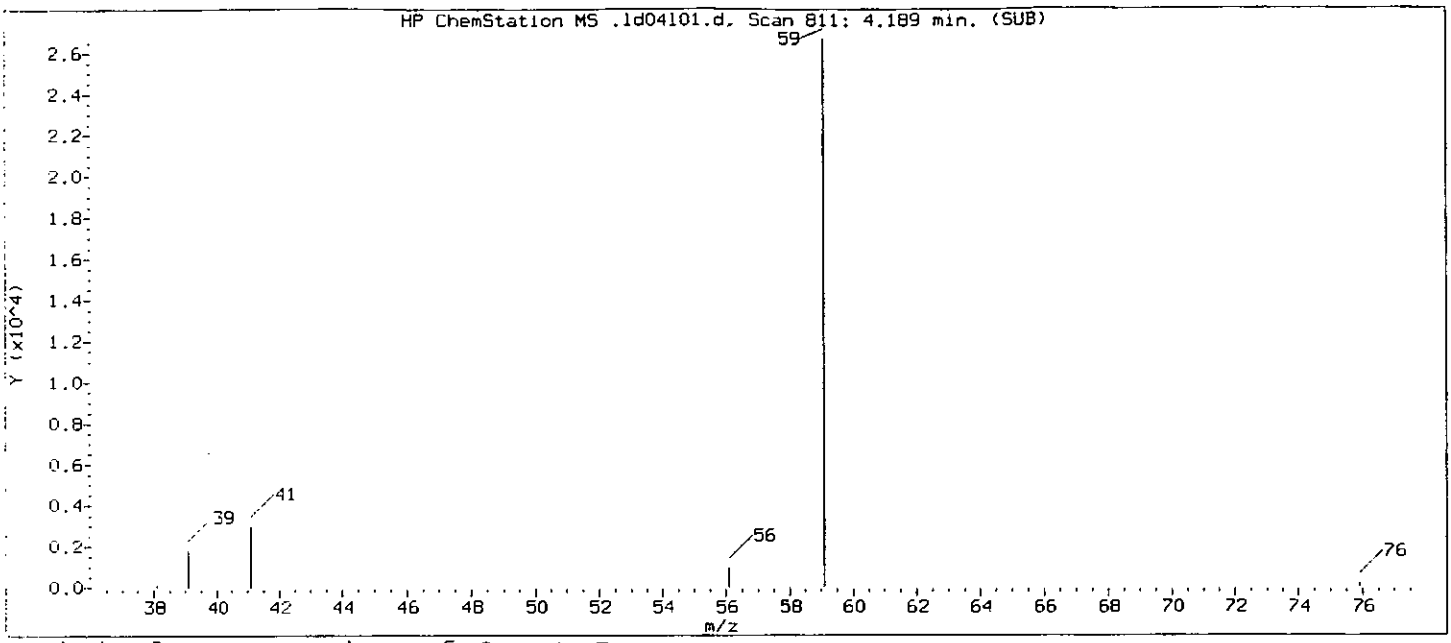
Reason for manual integration (circle one): missed peak improper integration

Analyst responsible for change: sew 2002 12/4/07

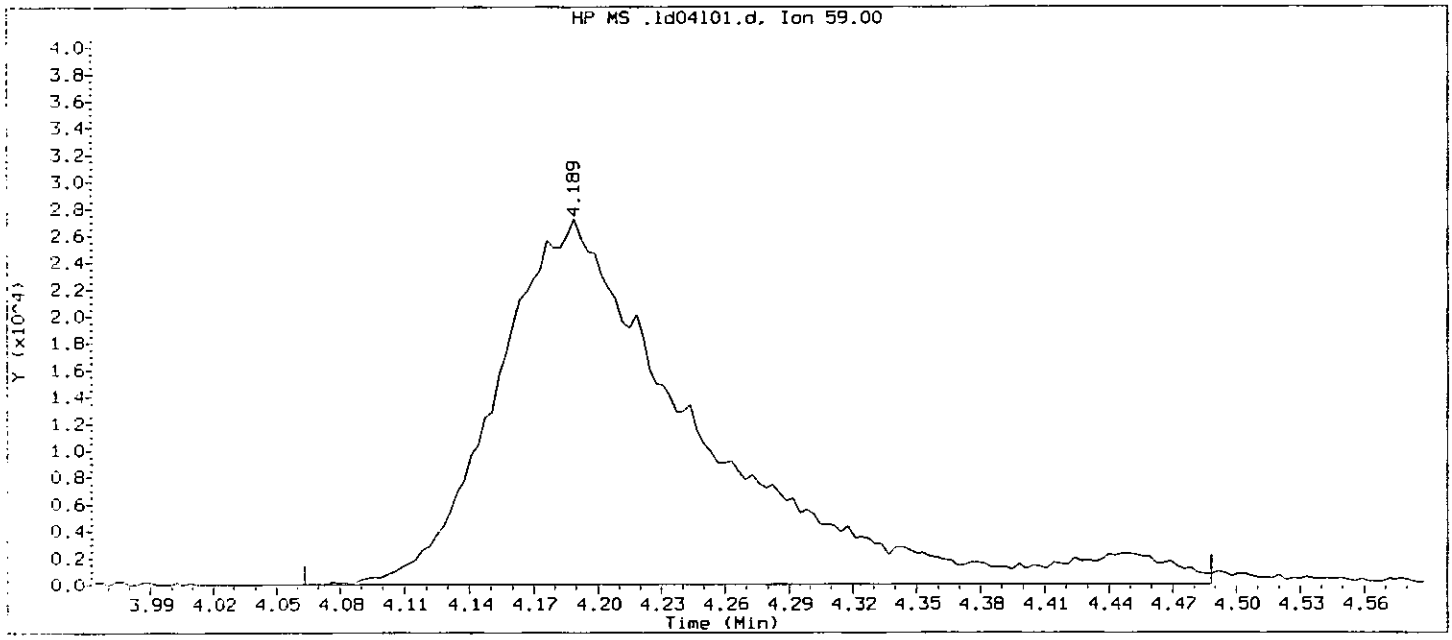
GC/MS audit/management approval: 12-5-07

8288

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP09915.i/07dec04a.b/ld04101.d Instrument ID: HP09915.i
Injection date and time: 04-DEC-2007 18:54 Analyst ID: SEW02002

Method used: /chem/HP09915.i/07dec04a.b/L8260W.m Sublist used: 8260W-2M
Calibration date and time: 04-DEC-2007 17:45
Date, time and analyst ID of latest file update: 04-Dec-2007 19:11 Automation

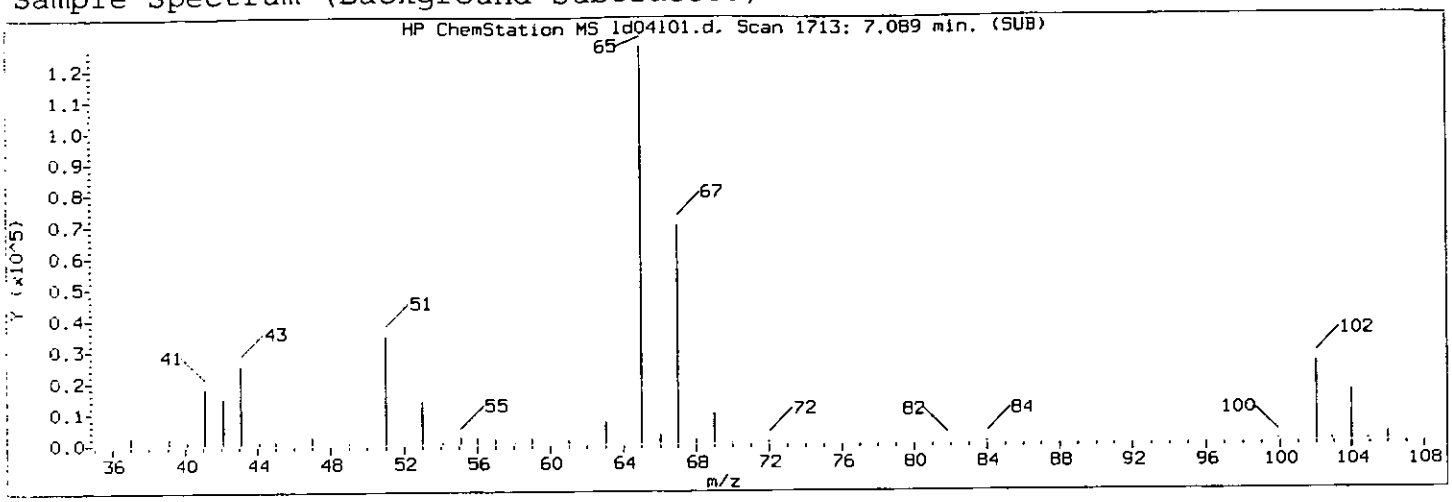
Sample Name: LCSL37 Lab Sample ID: LCSL37

Compound Number : 28
Compound Name : t-Butyl Alcohol
Scan Number : 811
Retention Time (minutes): 4.189
Quant Ion : 59
Area : 180827
Concentration (ug/L) : 186.5599
Integration start scan : 771 Integration stop scan: 903
Y at integration start : 0 Y at integration end: 0

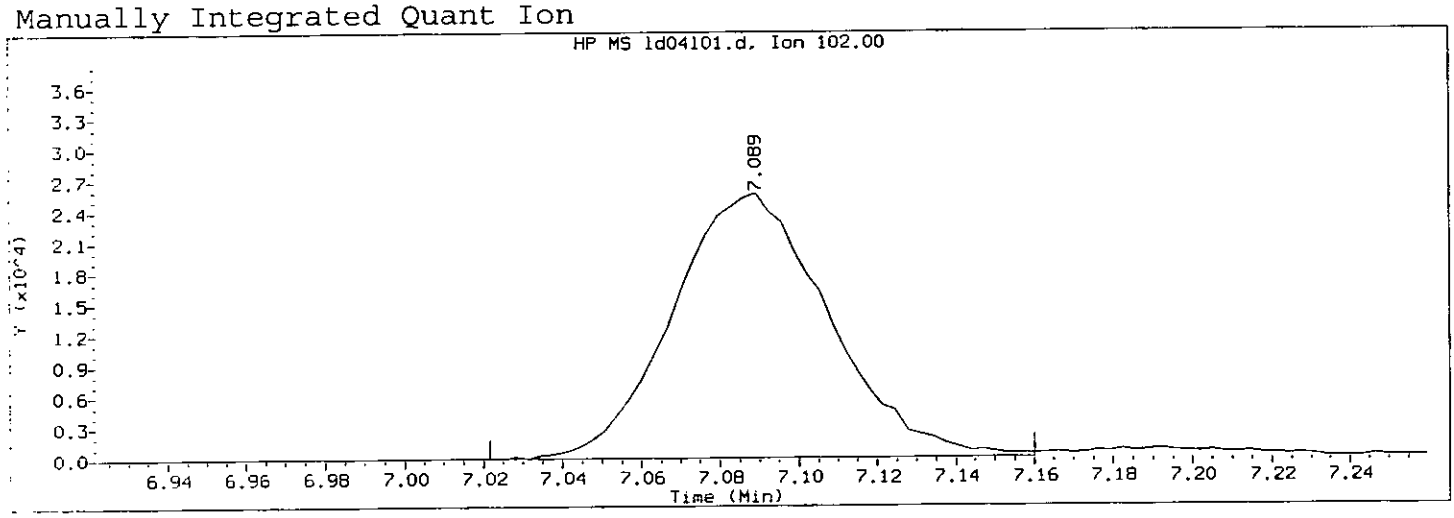
0209

Original Integration Report for data file /chem/HP09915.i/07dec04a.b/ld04101.d, generated on 12/04/2007 at 19:46

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP09915.i/07dec04a.b/ld04101.d Instrument ID: HP09915.i
Injection date and time: 04-DEC-2007 18:54 Analyst ID: SEW02002

Method used: /chem/HP09915.i/07dec04a.b/L8260W.m Sublist used: 8260W-2M
Calibration date and time: 04-DEC-2007 17:45
Date, time and analyst ID of latest file update: 04-Dec-2007 19:46 sew02002

Sample Name: LCSL37 Lab Sample ID: LCSL37

Compound Number : 62
Compound Name : 1,2-Dichloroethane-d4
Scan Number : 1713
Retention Time (minutes): 7.089
Quant Ion : 102
Area (flag) : 70359 M
Concentration (ug/L) : 51.6167
Integration start scan : 1691 Integration stop scan: 1734
Y at integration start : 0 Y at integration end: 0

Reason for manual integration (circle one): missed peak improper integration

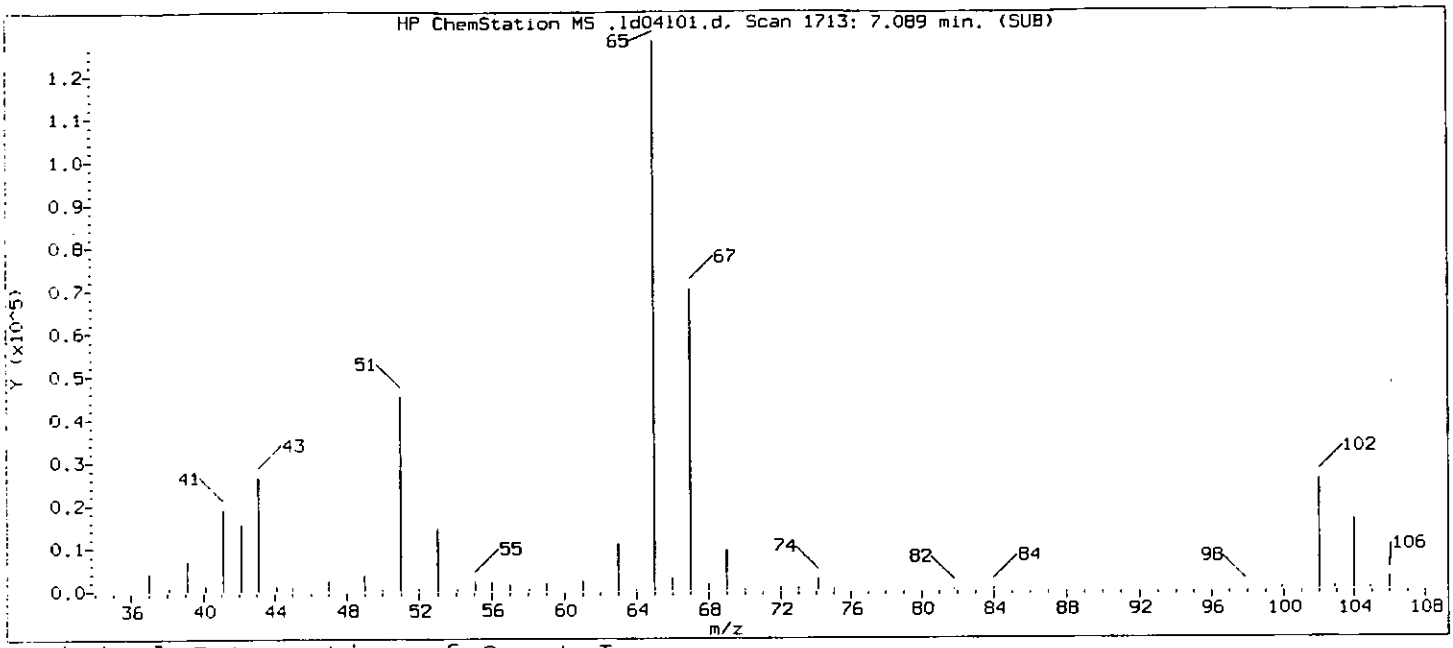
Analyst responsible for change: SEW002 12/4/07

GC/MS audit/management approval: 12-5-07

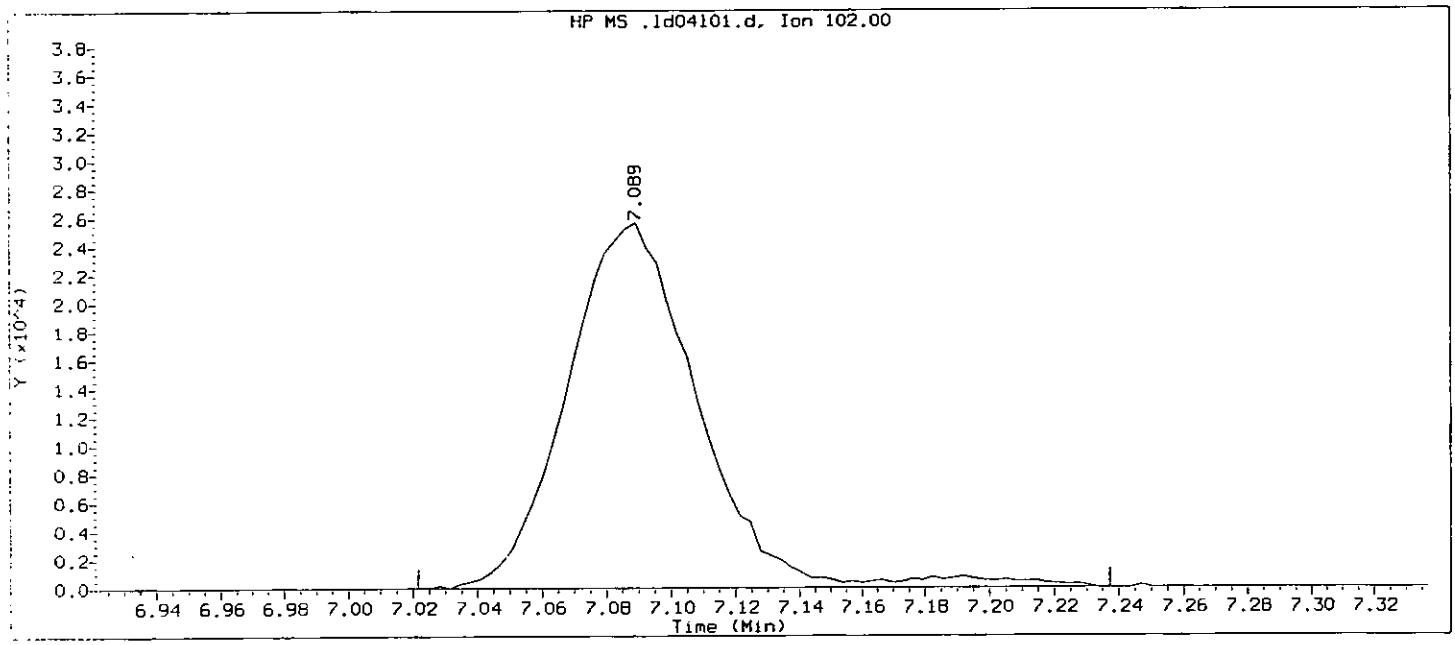
8290

Manual Integration Report for data file /chem/HP09915.i/07dec04a.b/ld04101.d, generated on 12/04/2007 at 19:46

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP09915.i/07dec04a.b/ld04101.d Instrument ID: HP09915.i
Injection date and time: 04-DEC-2007 18:54 Analyst ID: SEW02002

Method used: /chem/HP09915.i/07dec04a.b/L8260W.m Sublist used: 8260W-2M
Calibration date and time: 04-DEC-2007 17:45
Date, time and analyst ID of latest file update: 04-Dec-2007 19:11 Automation

Sample Name: LCSL37 Lab Sample ID: LCSL37

Compound Number	: 62
Compound Name	: 1,2-Dichloroethane-d4
Scan Number	: 1713
Retention Time (minutes)	: 7.089
Quant Ion	: 102
Area	: 72402
Concentration (ug/L)	: 53.1161
Integration start scan	: 1691 Integration stop scan: 1758
Y at integration start	: 0 Y at integration end: 0

0291

Original Integration Report for data file /chem/HP09915.i/07dec04a.b/ld04101.d, generated on 12/04/2007 at 19:46

Lancaster Laboratories
2425 New Holland Pike • Lancaster, PA 17601

GC/MS Volatiles pH Log

Batch #: L073381AA

LLI#	pH	Date Checked	Initials/ Employee #	Comments
5223994	<2	12/5/2007	amd00492	38A
5223995	<2	12/5/2007	amd00492	38A
5223996	<2	12/5/2007	amd00492	38A
5223997	<2	12/5/2007	amd00492	38A
5223998	<2	12/5/2007	amd00492	38A
5223999	<2	12/5/2007	amd00492	38A
5224001	<2	12/5/2007	amd00492	38A
5224002	<2	12/5/2007	amd00492	38A
5224003	<2	12/5/2007	amd00492	38A
5224004	<2	12/5/2007	amd00492	38A
5224005	<2	12/5/2007	SW 2002	38B, DL
5224005	<2	12/4/2007	amd00492	38A
5224006	<2	12/5/2007	amd00492	38A
5221598	12	12/4/2007	SW 2002	38B
5224007	<2	12/5/07	AMD/492	*
5224008	<2	12/5/07	AMD/492	*

* pH log entries documented by RRM/215 on 1/2/08

8292

Lancaster Laboratories
Runlog for Hewelet Packard GC/MS System HP09915 **HP #09**

** Shift #1 Analyst:_____** Shift #2 Analyst:___LCM_____** Shift #3 Analyst:___SAS_____*

Comment Code: R = Reinjection necessary X = Sample sent to be reextracted
S = Surrogate problem I = Internal Standard problem
NU = Not used F = Further dilution required
MR = Meets requirements IUO = Internal use only
Cz = Confirms z, (z = S, I or X) T = Injected outside valid tune period

Other problems or comments are as follows:

_____
_____
_____
_____

Data Directory Path is - D:\DATA\07NOV29D\

FILE	SAMPLE	LLI#	DATE	TIME	BATCH	D.F.	NOTES
LN29T01.D	2UL BFB AUG02-07	50 ng BFB	29 Nov 07	16:55			MR
LN29I01.D	VSTD300	VSTD300	29 Nov 07	17:18			NU
LN29I02.D	VSTD100	VSTD100	29 Nov 07	17:40			NU
LN29I03.D	VSTD050	VSTD050	29 Nov 07	18:02			NU
LN29I04.D	VSTD020	VSTD020	29 Nov 07	18:25			NU
LN29I05.D	VSTD010	VSTD010	29 Nov 07	18:47			NU
LN29I06.D	VSTD004	VSTD004	29 Nov 07	19:09			NU
LN29M01.D	1PPB MDL	1 PPB MDL	29 Nov 07	19:32			NU
LN29I07.D	VSTD020	VSTD020	29 Nov 07	19:54			NU
LN29I08.D	VSTD010	VSTD010	29 Nov 07	20:22			NU
LN29I09.D	VSTD004	VSTD004	29 Nov 07	20:45			NU
LN29M02.D	1PPB MDL	1 PPB MDL	29 Nov 07	21:07			NU
LN29I10.D	VSTD020	VSTD020	29 Nov 07	21:45			MR
LN29I11.D	VSTD010	VSTD010	29 Nov 07	22:07			MR
LN29I12.D	VSTD004	VSTD004	29 Nov 07	22:31			MR
LN29M03.D	1PPB MDL	1 PPB MDL	29 Nov 07	22:53			MR
LN29I13.D	VSTD300	VSTD300	29 Nov 07	23:15			MR
LN29I14.D	VSTD100	VSTD100	29 Nov 07	23:38			MR
LN29I15.D	VSTD050	VSTD050	30 Nov 07	00:00			MR
LN29X01.D	CLBLK	CLBLK	30 Nov 07	00:57			NU
LN29L01.D	LCSICV	LCSICV	30 Nov 07	01:19			MR

Lancaster Laboratories
Runlog for Hewelet Packard GC/MS System HP09915 **HP #09**

** Shift #1 Analyst: AMD ** Shift #2 Analyst: SEW ** Shift #3 Analyst: _____ *

Comment Code:
R = Reinjection necessary
S = Surrogate problem
NU = Not used
MR = Meets requirements
Cz = Confirms z, (z = S, I or X)
X = Sample sent to be reextracted
I = Internal Standard problem
F = Further dilution required
IUO = Internal use only
T = Injected outside valid tune period

Other problems or comments are as follows:

* 8260B WATERS *

Data Directory Path is - D:\DATA\07DEC04A\

FILE	SAMPLE	LLI#	DATE	TIME	BATCH	D.F.	NOTES
LD04X01.D	CLBLK	CLBLK	04 Dec 07	16:25			NU
LD04T01.D	2UL BFB AUG02-07	50 ng BFB	04 Dec 07	17:03			MR
LD04C01.D	VSTD100	VSTD100	04 Dec 07	17:24			MR
LD04X02.D	CLNBLK	CLNBLK	04 Dec 07	17:47			NU
LD04B01.D	VBLKL37	VBLKL37	04 Dec 07	18:09	L073381AA		MR
LD04B02.D	VBLKL38	VBLKL38	04 Dec 07	18:31	L073382AA		MR
LD04L01.D	LCSL37	LCSL37	04 Dec 07	18:54	L073381AA		MR
LD04L02.D	LCSL38	LCSL38	04 Dec 07	19:16	L073382AA		MR
LD04L03.D	LCDL38	LCDL38	04 Dec 07	19:38	L073382AA		MR
LD04S01.D	BCT23	5223994	04 Dec 07	20:17	L073381AA		MR
LD04S02.D	BC123	5223995	04 Dec 07	20:40	L073381AA		MR
LD04S03.D	BCT05	5223996	04 Dec 07	21:02	L073381AA		MR
LD04S04.D	BCD02	5223997	04 Dec 07	21:25	L073381AA		MR
LD04S05.D	BCD02MS	5223998	04 Dec 07	21:47	L073381AA		MR
LD04S06.D	BCD02MSD	5223999	04 Dec 07	22:09	L073381AA		MR
LD04S07.D	BCD01	5224001	04 Dec 07	22:32	L073381AA		MR
LD04S08.D	BCD08	5224002	04 Dec 07	22:54	L073381AA		MR
LD04S09.D	BCOR2	5224003	04 Dec 07	23:16	L073381AA		MR
LD04S10.D	BCOS2	5224004	04 Dec 07	23:39	L073381AA		MR
LD04S11.D	BCOS3	5224006	05 Dec 07	00:01	L073381AA		MR
LD04S12.D	BCEB1	5224007	05 Dec 07	00:23	L073381AA		MR
LD04S13.D	BCTB1	5224008	05 Dec 07	00:46	L073381AA		MR
LD04S14.D	BCOR3	5224005	05 Dec 07	01:08	L073381AA		MR
LD04S15.D	BCOR3DL	5224005	05 Dec 07	01:30	L073381AA	10	NU
LD04S16.D	AR502	5224372	05 Dec 07	01:53	L073381AA		MR
LD04S17.D	AR801	5224373	05 Dec 07	02:15	L073381AA		MR
LD04S18.D	AR803	5224374	05 Dec 07	02:37	L073381AA		MR
LD04S19.D	AR804	5224375	05 Dec 07	03:00	L073381AA		MR
LD04S25.D	-9378	5219650	05 Dec 07	03:22	L073382AA	0294	MR
LD04S26.D	09375	5219648	05 Dec 07	03:44	L073382AA		MR
LD04S27.D	09375MS	5219648	05 Dec 07	04:07	L073382AA		MR
LD04S21.D	M010T	5221598	05 Dec 07	04:29	L073381AA	5	MR

Semivolatiles by GC/MS Data

Case Narrative
Conformance/Nonconformance
Summary

Lancaster Laboratories
Where quality is a science.

CASE NARRATIVE

Client: Chevron Environmental Mgmt.
SDG #: CBN48

LANCASTER LABORATORIES
SEMIVOLATILES BY GC/MS

SAMPLE NUMBER(S) :

LL #'s	Sample Code	Matrix Water	Comments
5223994	BCT23	X	
5223995	BC123	X	
5223996	BCT05	X	
5223997	BCD02	X	Unspiked
5223998	BCD02MS	X	Matrix Spike
5223999	BCD02MSD	X	Matrix Spike Dup
5224001	BCD01	X	
5224002	BCD08	X	
5224003	BCOR2	X	
5224004	BCOS2	X	
5224005	BCOR3	X	
5224006	BCOS3	X	
5224007	BCEB1	X	Client Blank

LABORATORY SUBMITTED QC:

SBLKWD337	SBLKWD3377	X	Method Blank
337WDLCS	337WDLCS7	X	Lab Control Sample

SAMPLE PREPARATION:

Due to insufficient sample, reduced volumes were used in the extraction of a number of samples. Refer to the organic extraction batchlog for the specific samples and amounts.

No other problems were encountered during the extraction of these samples.

Case Narrative (continued)
SDG: CBN48

ANALYSIS:

3-Methylphenol and 4-methylphenol cannot be resolved under the chromatographic conditions used for sample analysis. The 4-methylphenol value is a combination of results from both compounds.

No problems were encountered during the analysis of these samples.

QUALITY CONTROL AND NONCONFORMANCE SUMMARY:

The recovery of isophorone in the MS is outside QC limits.

2,4-Dinitrophenol was not recovered in the MS. The relative percent difference (RPD) for 2,4-dinitrophenol between the MS and the MSD is greater than 30 percent.

The recovery of 2,6-dinitrotoluene in the LCS is outside QC limits. Since this compound was not detected in the associated samples, no further action was taken.

All other QC was within specifications.

DATA INTERPRETATION:

The % drift windows on the initial calibration verification summary are advisory until statistical windows can be derived.

No further interpretation is necessary for the data submitted.

Case Narrative Reviewed and Approved by:

for Date: 1-4-08

Dana M. Kauffman
Manager, Data Deliverables

8298

GC/MS Semivolatiles CALCULATIONS:

1. Relative response factor (RRF)

$$RRF = \frac{AX}{Ais} \times \frac{Cis}{Cx}$$

Where:
Ax = Area of the characteristic ion for the compound to be measured
Ais = Area of the characteristic ion for the specific internal standard to be measured
Cis = Concentration of the internal standard
Cx = Concentration of the compound to be measured

2. % Relative Standard Deviation (%RPD)

$$\%RSD = \frac{\text{standard deviation}}{\text{mean}} \times 100$$

3. % Difference (%D)

$$\%D = \frac{RRFc - RRFi}{RRFi} \times 100$$

Where:
RRFc = Relative response factor from continuing calibration standard
RRFi = Mean relative response factor form the initial calibration

4. Concentration

$$\text{Concentration (ug/l)} = \frac{(Ax)\ (Is)\ (Df)\ (Vt)}{(Ais)\ (RRF)\ (Vo)\ (Vi)}$$

Where:
Ax, Ais, and RRF are as given in 1. above
Is = Amount of internal standard added in parts per billion (ng)
Df = Dilution factor
Vt = volume of the concentrated extract (ul)
Vo = volume of water extracted (ml)
Vi = volume of extract injected (ul)

5. % Recovery

$$\%Rec = \frac{SSR - SR}{SA} \times 100$$

Where:
SSR = Spiked sample result
SR = Sample result
SA = Spike added

GC/MS Semivolatiles CALCULATIONS (continued):

6. Relative Percent Difference (RPD)

$$RPD = \frac{|\ MSR - MSDR\ |}{(1/2)\ \ (MSR + MSDR)}$$

Where:
MSR = Matrix spike recovery
MSDR = Matrix spike duplicate recovery

QC Summary

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLKWD3377

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: SBLKWD337

Sample wt/vol: 1000 (g/mL)ML Lab File ID: gl0092.d

Level: (low/med) LOW Date Received:

% Moisture: not dec: dec: Date Extracted: 12/04/07

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/04/07

Injection Volume: 1 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Extraction: Sepf

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	MDL	UG/L	Q
108-95-2	Phenol			1	U
111-44-4	bis(2-Chloroethyl)ether			1	U
95-57-8	2-Chlorophenol			1	U
541-73-1	1,3-Dichlorobenzene			1	U
106-46-7	1,4-Dichlorobenzene			1	U
95-50-1	1,2-Dichlorobenzene			1	U
95-48-7	2-Methylphenol			1	U
108-60-1	2,2'-oxybis(1-Chloropropane)			1	U
621-64-7	N-Nitroso-di-n-propylamine			1	U
106-44-5	4-Methylphenol			2	U
67-72-1	Hexachloroethane			1	U
98-95-3	Nitrobenzene			1	U
78-59-1	Isophorone			1	U
88-75-5	2-Nitrophenol			1	U
105-67-9	2,4-Dimethylphenol			3	U
111-91-1	bis(2-Chloroethoxy)methane			1	U
120-83-2	2,4-Dichlorophenol			1	U
120-82-1	1,2,4-Trichlorobenzene			1	U
91-20-3	Naphthalene			1	U
106-47-8	4-Chloroaniline			1	U
87-68-3	Hexachlorobutadiene			1	U
59-50-7	4-Chloro-3-methylphenol			1	U
91-57-6	2-Methylnaphthalene			1	U
77-47-4	Hexachlorocyclopentadiene			5	U
88-06-2	2,4,6-Trichlorophenol			1	U
95-95-4	2,4,5-Trichlorophenol			1	U
91-58-7	2-Chloronaphthalene			2	U
88-74-4	2-Nitroaniline			1	U
131-11-3	Dimethylphthalate			2	U
606-20-2	2,6-Dinitrotoluene			1	U

0382

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLKWD3377

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: SBLKWD337

Sample wt/vol: 1000 (g/mL)ML Lab File ID: gl0092.d

Level: (low/med) LOW Date Received:

% Moisture: not dec: dec: Date Extracted: 12/04/07

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/04/07

Injection Volume: 1 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Extraction: Sepf

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) MDL UG/L	Q
208-96-8	Acenaphthylene	1	U
99-09-2	3-Nitroaniline	1	U
83-32-9	Acenaphthene	1	U
51-28-5	2,4-Dinitrophenol	20	U
100-02-7	4-Nitrophenol	10	U
132-64-9	Dibenzofuran	1	U
121-14-2	2,4-Dinitrotoluene	1	U
84-66-2	Diethylphthalate	2	U
86-73-7	Fluorene	1	U
7005-72-3	4-Chlorophenyl-phenylether	2	U
100-01-6	4-Nitroaniline	1	U
534-52-1	4,6-Dinitro-2-methylphenol	5	U
86-30-6	N-Nitrosodiphenylamine	2	U
101-55-3	4-Bromophenyl-phenylether	1	U
118-74-1	Hexachlorobenzene	1	U
87-86-5	Pentachlorophenol	3	U
85-01-8	Phenanthrene	1	U
120-12-7	Anthracene	1	U
86-74-8	Carbazole	1	U
84-74-2	Di-n-butylphthalate	2	U
206-44-0	Fluoranthene	1	U
129-00-0	Pyrene	1	U
85-68-7	Butylbenzylphthalate	2	U
91-94-1	3,3'-Dichlorobenzidine	2	U
56-55-3	Benzo(a)anthracene	1	U
218-01-9	Chrysene	1	U
117-81-7	bis(2-Ethylhexyl)phthalate	2	U
117-84-0	Di-n-octylphthalate	2	U
205-99-2	Benzo(b)fluoranthene	1	U
207-08-9	Benzo(k)fluoranthene	1	U

0383

1C cont

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLKWD3377

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: SBLKWD337

Sample wt/vol: 1000 (g/mL)ML Lab File ID: gl0092.d

Level: (low/med) LOW Date Received:

% Moisture: not dec: dec: Date Extracted: 12/04/07

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/04/07

Injection Volume: 1 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Extraction: Sepf

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	MDL	UG/L	Q
50-32-8	Benzo(a)pyrene		1		U
193-39-5	Indeno(1,2,3-cd)pyrene		1		U
53-70-3	Dibenz(a,h)anthracene		1		U
191-24-2	Benzo(g,h,i)perylene		1		U

0304

2C
WATER SEMIVOLATILE SURROGATE RECOVERY

Lab Name: Lancaster Laboratories Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: CBN48

	LL #'s	EPA SAMPLE NO.	S1 (2FP) #	S2 (PHL) #	S3 (TBP) #	S4 (NBZ) #	S5 (TPH) #	S6 (FBP) #	TOT OUT
01	5223994	BCT23	52	35	103	88	75	88	0
02	5223995	BC123	51	34	100	87	74	87	0
03	5223996	BCT05	53	37	105	86	71	83	0
04	5223997	BCD02	52	35	99	87	71	87	0
05	5223998	BCD02MS	62	43	108	95	76	91	0
06	5223999	BCD02MSD	61	42	110	92	74	92	0
07	5224001	BCD01	45	31	106	84	67	84	0
08	5224002	BCD08	47	33	98	87	72	85	0
09	5224003	BCOR2	53	38	91	87	79	85	0
10	5224004	BCOS2	50	35	102	91	82	89	0
11	5224005	BCOR3	50	37	99	87	81	88	0
12	5224006	BCOS3	44	31	102	84	80	84	0
13	5224007	BCEB1	51	36	118	87	88	88	0
14	SBLKWD337	SBLKWD3377	53	36	112	85	87	86	0
15	337WDLCS	337WDLCS7	65	46	118	97	88	96	0

	QC LIMITS
S1 (2FP) = 2-Fluorophenol	(10-103)
S2 (PHL) = Phenol-d6	(10-82)
S3 (TBP) = 2,4,6-Tribromophenol	(20-159)
S4 (NBZ) = Nitrobenzene-d5	(51-123)
S5 (TPH) = Terphenyl-d14	(52-151)
S6 (FBP) = 2-Fluorobiphenyl	(63-118)

Column to be used to flag recovery values
* Values outside of contract required QC limits
D Surrogate diluted out

FORM II SV-1

WATER GC/MS SEMIVOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: LANCASTER LABS Lab Code: LANCAS

UNSPIKED:gl0103.d MATRIX SPIKE:gl0104.d SPIKE DUPLICATE:gl0105.d
BCD02 5223997 BCD02MS 5223998 BCD02MSD 5223999
AMT USED:1000.0 ml AMT USED: 1000.0 ml AMT USED: 1000.0 ml
FINAL VOL:1 ml FINAL VOL: 1 ml FINAL VOL: 1 ml

INSTRUMENT: HP11165 DILUTION FACTOR: 1 BATCH: 07337WAD026

%MOISTURE: EXTRACT SPIKE LEVEL: 50.00

COMPOUND NAME	MS SPIKE	MSD SPIKE	US CONC UG/L	MS CONC UG/L	MSD CONC UG/L	MS REC %	MSD REC %	Range LOWER-UPPER	INSPEC	RPD %	RPD MAX	INSPEC
Phenol	50.00	50.00	ND	21.10	20.64	42	41	5- 84	YES	2	30	YES
bis(2-Chloroethyl)ether	50.00	50.00	ND	48.67	49.11	97	98	69-103	YES	1	30	YES
2-Chlorophenol	50.00	50.00	ND	47.72	47.84	95	96	58-114	YES	0	30	YES
1,3-Dichlorobenzene	50.00	50.00	ND	46.30	45.84	93	92	55-105	YES	1	30	YES
1,4-Dichlorobenzene	50.00	50.00	ND	47.49	47.38	95	95	63-109	YES	0	30	YES
1,2-Dichlorobenzene	50.00	50.00	ND	46.78	46.13	94	92	59-106	YES	1	30	YES
2-Methylphenol	50.00	50.00	ND	42.92	43.52	86	87	1-132	YES	1	30	YES
2,2'-oxybis(1-Chloropropane	50.00	50.00	ND	40.75	40.24	82	80	33-140	YES	1	30	YES
N-Nitroso-di-n-propylamine	50.00	50.00	ND	48.90	48.58	98	97	68-108	YES	1	30	YES
4-Methylphenol	50.00	50.00	ND	43.09	42.23	86	84	2-138	YES	2	30	YES
Hexachloroethane	50.00	50.00	ND	44.70	45.67	89	91	42-122	YES	2	30	YES
Nitrobenzene	50.00	50.00	ND	47.26	46.94	95	94	37-138	YES	1	30	YES
Isophorone	50.00	50.00	ND	47.74	46.45	95	93	65- 94	NO	3	30	YES
2-Nitrophenol	50.00	50.00	ND	54.12	53.68	108	107	82-120	YES	1	30	YES
2,4-Dimethylphenol	50.00	50.00	ND	47.68	47.27	95	95	14-140	YES	1	30	YES
bis(2-Chloroethoxy)methane	50.00	50.00	ND	50.33	48.97	101	98	64-128	YES	3	30	YES
2,4-Dichlorophenol	50.00	50.00	ND	49.10	49.52	98	99	61-114	YES	1	30	YES
1,2,4-Trichlorobenzene	50.00	50.00	ND	47.83	46.96	96	94	65-105	YES	2	30	YES
Naphthalene	50.00	50.00	ND	47.93	47.00	96	94	53-123	YES	2	30	YES
4-Chloroaniline	50.00	50.00	ND	44.58	39.13	89	78	43-108	YES	13	30	YES
Hexachlorobutadiene	50.00	50.00	ND	48.29	48.10	97	96	44-128	YES	0	30	YES
4-Chloro-3-methylphenol	50.00	50.00	ND	51.82	51.37	104	103	43-135	YES	1	30	YES
2-Methylnaphthalene	50.00	50.00	ND	48.66	48.62	97	97	71-104	YES	0	30	YES
Hexachlorocyclopentadiene	100.00	100.00	ND	79.95	79.67	80	80	16-141	YES	0	30	YES
2,4,6-Trichlorophenol	50.00	50.00	ND	48.02	48.48	96	97	19-145	YES	1	30	YES
2,4,5-Trichlorophenol	50.00	50.00	ND	45.19	47.15	90	94	27-135	YES	4	30	YES
2-Chloronaphthalene	50.00	50.00	ND	38.22	39.14	76	78	53- 96	YES	2	30	YES
2-Nitroaniline	50.00	50.00	ND	52.50	51.98	105	104	79-115	YES	1	30	YES
Dimethylphthalate	50.00	50.00	ND	46.58	46.55	93	93	8-143	YES	0	30	YES
2,6-Dinitrotoluene	50.00	50.00	ND	52.00	52.83	104	106	71-111	YES	2	30	YES
Acenaphthylene	50.00	50.00	ND	50.76	51.34	102	103	71-118	YES	1	30	YES
3-Nitroaniline	50.00	50.00	ND	48.16	47.58	96	95	66-115	YES	1	30	YES
Acenaphthene	50.00	50.00	ND	47.46	48.36	95	97	68-117	YES	2	30	YES
2,4-Dinitrophenol	50.00	50.00	ND	ND	21.05	0	42	20-160	NO	200	30	NO
4-Nitrophenol	50.00	50.00	ND	18.47	19.84	37	40	10-100	YES	7	30	YES
Dibenzofuran	50.00	50.00	ND	47.48	47.92	95	96	70-105	YES	1	30	YES
2,4-Dinitrotoluene	50.00	50.00	ND	50.93	50.62	102	101	44-141	YES	1	30	YES
Diethylphthalate	50.00	50.00	ND	48.27	48.01	97	96	56-120	YES	0	30	YES
Fluorene	50.00	50.00	ND	48.75	49.73	98	99	65-110	YES	2	30	YES
4-Chlorophenyl-phenylether	50.00	50.00	ND	48.49	49.25	97	99	76-109	YES	2	30	YES
4-Nitroaniline	50.00	50.00	ND	41.19	39.52	82	79	50-104	YES	4	30	YES
4,6-Dinitro-2-methylphenol	50.00	50.00	ND	37.05	40.53	74	81	17-144	YES	9	30	YES
N-Nitrosodiphenylamine	50.00	50.00	ND	48.21	47.92	96	96	64-127	YES	1	30	YES
4-Bromophenyl-phenylether	50.00	50.00	ND	50.43	50.03	101	100	76-112	YES	1	30	YES
Hexachlorobenzene	50.00	50.00	ND	51.08	50.29	102	101	62-117	YES	2	30	YES
Pentachlorophenol	50.00	50.00	ND	8.78	10.60	18	21	9-130	YES	19	30	YES
Phenanthrene	50.00	50.00	ND	48.94	49.16	98	98	68-116	YES	0	30	YES
Anthracene	50.00	50.00	ND	49.25	48.83	99	98	68-115	YES	1	30	YES
Carbazole	50.00	50.00	ND	48.28	47.72	97	95	76-109	YES	1	30	YES
Di-n-butylphthalate	50.00	50.00	ND	50.92	49.85	102	100	62-111	YES	2	30	YES
Fluoranthene	50.00	50.00	ND	46.70	45.32	93	91	61-112	YES	3	30	YES
Pyrene	50.00	50.00	ND	50.27	51.50	101	103	63-117	YES	2	30	YES
Butylbenzylphthalate	50.00	50.00	ND	49.00	48.75	98	98	60-117	YES	0	30	YES
3,3'-Dichlorobenzidine	50.00	50.00	ND	42.82	39.26	86	79	35-114	YES	9	30	YES
Benzo(a)anthracene	50.00	50.00	ND	50.79	49.83	102	100	65-116	YES	2	30	YES
Chrysene	50.00	50.00	ND	49.38	48.83	99	98	67-115	YES	1	30	YES

COMMENTS: 0306

WATER GC/MS SEMIVOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: LANCASTER LABS Lab Code: LANCAS

UNSPIKED:gl0103.d	MATRIX SPIKE:gl0104.d	SPIKE DUPLICATE:gl0105.d
BCD02 5223997	BCD02MS 5223998	BCD02MSD 5223999
AMT USED:1000.0 ml	AMT USED: 1000.0 ml	AMT USED: 1000.0 ml
FINAL VOL:1 ml	FINAL VOL: 1 ml	FINAL VOL: 1 ml

INSTRUMENT: HP11165 DILUTION FACTOR: 1 BATCH: 07337WAD026

%MOISTURE: EXTRACT SPIKE LEVEL: 50.00

COMPOUND NAME	MS SPIKE	MSD SPIKE	US CONC UG/L	MS CONC UG/L	MSD CONC UG/L	MS REC %	MSD REC %	Range LOWER-UPPER	INSPEC	RPD %	RPD MAX	INSPEC
bis(2-Ethylhexyl)phthalate	50.00	50.00	ND	51.94	53.00	104	106	61-118	YES	2	30	YES
Di-n-octylphthalate	50.00	50.00	ND	49.93	49.25	100	99	68-124	YES	1	30	YES
Benzo(b)fluoranthene	50.00	50.00	ND	52.98	49.80	106	100	61-125	YES	6	30	YES
Benzo(k)fluoranthene	50.00	50.00	ND	46.48	47.02	93	94	64-120	YES	1	30	YES
Benzo(a)pyrene	50.00	50.00	ND	51.06	51.32	102	103	66-120	YES	0	30	YES
Indeno(1,2,3-cd)pyrene	50.00	50.00	ND	49.91	49.80	100	100	62-122	YES	0	30	YES
Dibenz(a,h)anthracene	50.00	50.00	ND	53.76	52.92	108	106	68-129	YES	2	30	YES
Benzo(g,h,i)perylene	50.00	50.00	ND	49.62	50.28	99	101	64-124	YES	1	30	YES

)MMENTS: _____

0307

Lancaster Laboratories, Inc.
WATER Semi Volatile Laboratory Control Sample Recovery

LAB NAME: LANCASTER LABS LAB CODE: LANCAS INSTRUMENT: HP11165

Method: SW-846 8270C File ID: gl0093.d

LCS SAMPLE NO: 337WDLCS BATCH: 07337WAD026 Sample Code: 337WDLCS7

COMPOUND NAME	SPIKE LEVEL	LCS CONC UG/L	QCREF REC %	RANGE LOWER-UPPER	INSPEC
Phenol	50.00	22.75	45	31 - 60	YES
bis(2-Chloroethyl)ether	50.00	50.91	102	75 - 109	YES
2-Chlorophenol	50.00	49.51	99	77 - 103	YES
1,3-Dichlorobenzene	50.00	47.37	95	52 - 106	YES
1,4-Dichlorobenzene	50.00	47.90	96	54 - 103	YES
1,2-Dichlorobenzene	50.00	47.94	96	58 - 100	YES
2-Methylphenol	50.00	46.30	93	56 - 105	YES
2,2'-oxybis(1-Chloropropane	50.00	42.73	85	37 - 138	YES
N-Nitroso-di-n-propylamine	50.00	51.46	103	71 - 107	YES
4-Methylphenol	50.00	45.29	91	62 - 99	YES
Hexachloroethane	50.00	48.38	97	40 - 117	YES
Nitrobenzene	50.00	48.76	98	61 - 111	YES
Isophorone	50.00	49.34	99	63 - 105	YES
2-Nitrophenol	50.00	54.65	109	82 - 121	YES
2,4-Dimethylphenol	50.00	48.97	98	60 - 107	YES
bis(2-Chloroethoxy)methane	50.00	51.05	102	69 - 119	YES
2,4-Dichlorophenol	50.00	51.07	102	66 - 110	YES
1,2,4-Trichlorobenzene	50.00	49.99	100	61 - 113	YES
Naphthalene	50.00	49.27	99	68 - 108	YES
4-Chloroaniline	50.00	43.17	86	42 - 115	YES
Hexachlorobutadiene	50.00	49.67	99	35 - 135	YES
4-Chloro-3-methylphenol	50.00	53.54	107	72 - 114	YES
2-Methylnaphthalene	50.00	50.28	101	64 - 105	YES
Hexachlorocyclopentadiene	100.00	88.47	88	23 - 143	YES
2,4,6-Trichlorophenol	50.00	52.39	105	69 - 111	YES
2,4,5-Trichlorophenol	50.00	49.30	99	70 - 115	YES
2-Chloronaphthalene	50.00	40.59	81	56 - 100	YES
2-Nitroaniline	50.00	55.07	110	73 - 115	YES
Dimethylphthalate	50.00	49.90	100	69 - 106	YES
2,6-Dinitrotoluene	50.00	55.86	112	70 - 108	NO
Acenaphthylene	50.00	53.02	106	67 - 123	YES
3-Nitroaniline	50.00	50.51	101	63 - 112	YES
Acenaphthene	50.00	50.15	100	68 - 111	YES
2,4-Dinitrophenol	50.00	47.46	95	46 - 128	YES
4-Nitrophenol	50.00	23.66	47	12 - 78	YES
Dibenzofuran	50.00	50.29	101	79 - 106	YES
2,4-Dinitrotoluene	50.00	54.66	109	75 - 122	YES
Diethylphthalate	50.00	50.68	101	79 - 108	YES
Fluorene	50.00	51.73	103	72 - 119	YES
4-Chlorophenyl-phenylether	50.00	50.70	101	79 - 110	YES
4-Nitroaniline	50.00	39.81	80	51 - 104	YES
4,6-Dinitro-2-methylphenol	50.00	50.45	101	66 - 123	YES
N-Nitrosodiphenylamine	50.00	49.63	99	75 - 112	YES
4-Bromophenyl-phenylether	50.00	52.72	105	67 - 110	YES
Hexachlorobenzene	50.00	52.19	104	68 - 113	YES
Pentachlorophenol	50.00	42.28	85	48 - 108	YES
Phenanthrene	50.00	51.34	103	68 - 111	YES
Anthracene	50.00	51.61	103	68 - 108	YES
Carbazole	50.00	51.32	103	80 - 110	YES
Di-n-butylphthalate	50.00	54.37	109	77 - 114	YES
Fluoranthene	50.00	49.67	99	66 - 112	YES
Pyrene	50.00	51.87	104	68 - 116	YES
Butylbenzylphthalate	50.00	50.88	102	63 - 120	YES
3,3'-Dichlorobenzidine	50.00	40.47	81	45 - 111	YES
Benzo(a)anthracene	50.00	52.42	105	70 - 114	YES
Chrysene	50.00	51.89	104	70 - 111	YES
bis(2-Ethylhexyl)phthalate	50.00	55.36	111	62 - 126	YES
Di-n-octylphthalate	50.00	52.84	106	71 - 125	YES
Benzo(b)fluoranthene	50.00	52.61	105	65 - 124	YES

NC = Could not calculate

Comments: _____

8388

Lancaster Laboratories, Inc.
WATER Semi Volatile Laboratory Control Sample Recovery

LAB NAME: LANCASTER LABS LAB CODE: LANCAS INSTRUMENT: HP11165

Method: SW-846 8270C File ID: gl0093.d

LCS SAMPLE NO: 337WDLCS BATCH: 07337WAD026 Sample Code: 337WDLCS7

COMPOUND NAME	SPIKE LEVEL	LCS CONC UG/L	QCREF REC %	RANGE LOWER-UPPER	INSPEC
Benzo(k)fluoranthene	50.00	51.39	103	67 - 124	YES
Benzo(a)pyrene	50.00	53.11	106	68 - 121	YES
Indeno(1,2,3-cd)pyrene	50.00	51.98	104	61 - 124	YES
Dibenz(a,h)anthracene	50.00	56.60	113	70 - 131	YES
Benzo(g,h,i)perylene	50.00	52.93	106	67 - 126	YES

NC = Could not calculate

Comments: _____

8389

4B

EPA SAMPLE NO.

SEMIVOLATILE METHOD BLANK SUMMARY

SBLKWD3377

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Lab File ID: gl0092.d Lab Sample ID: SBLKWD337

Date Extracted: 12/04/07 Extraction: Sepf

Date Analyzed: 12/04/07 Time Analyzed: 19:04

Matrix (soil/water): WATER Level: (low/med) LOW

Instrument ID: HP11165

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

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
01	337WDLCS7	337WDLCS	gl0093.d	12/04/07
02	BCD02	5223997	gl0103.d	12/04/07
03	BCD02MS	5223998	gl0104.d	12/04/07
04	BCD02MSD	5223999	gl0105.d	12/05/07
05	BCT23	5223994	gl0106.d	12/05/07
06	BC123	5223995	gl0107.d	12/05/07
07	BCT05	5223996	gl0108.d	12/05/07
08	BCD01	5224001	gl0109.d	12/05/07
09	BCD08	5224002	gl0110.d	12/05/07
10	BCOR2	5224003	gl0111.d	12/05/07
11	BCOS2	5224004	gl0112.d	12/05/07
12	BCOR3	5224005	gl0113.d	12/05/07
13	BCOS3	5224006	gl0114.d	12/05/07
14	BCEB1	5224007	gl0115.d	12/05/07
15	ARDUPDUP	5224377	gl0116.d	12/05/07
16	AR820	5224378	gl0122.d	12/05/07
17	AR819	5224379	gl0123.d	12/05/07
18	AR822	5224380	gl0124.d	12/05/07
19	AR809	5224381	gl0125.d	12/05/07
20	AR810	5224382	gl0126.d	12/05/07
21	AR813	5224383	gl0127.d	12/05/07
22	EBP1-	5224573	gl0128.d	12/05/07

COMMENTS:

8310

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Lab File ID: gk0610.d DFTPP Injection Date: 11/15/07

Instrument ID: HP11165 DFTPP Injection Time: 16:40

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	54.5
68	Less than 2.0% of mass 69	1.04 (1.5)1
69	Mass 69 relative abundance	69.0
70	Less than 2.0% of mass 69	0.34 (0.49)1
127	40.0 - 60.0% of mass 198	57.0
197	Less than 1.0% of mass 198	0.81
198	Base peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	6.78
275	10.0 - 30.0% of mass 198	25.5
365	Greater than 1.00% of mass 198	3.52
441	Present, and less than mass 443	9.02
442	Greater than 40.0 % of mass 198	63.6
443	17.0 - 23.0% of mass 442	10.8 (17.0)2

1-Value is % mass 69 2-Value is % mass of 442

THIS TUNE APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	SSTD050	STD3107	gk0611.d	11/15/07	16:55
02	SSTD120	STD3107	gk0612.d	11/15/07	17:20
03	SSTD080	STD3107	gk0613.d	11/15/07	17:45
04	SSTD030	STD3107	gk0614.d	11/15/07	18:09
05	SSTD015	STD3107	gk0615.d	11/15/07	18:34
06	SSTD005	STD3107	gk0616.d	11/15/07	18:59
07	SSTD001	8270MDL3107	gk0617.d	11/15/07	19:23
08	SSTD050	ICV3107	gk0618.d	11/15/07	19:48
09	SBLKLE3127	SBLKLE312	gk0619.d	11/15/07	20:13
10	312LELCS7	312LELCS	gk0620.d	11/15/07	20:43
11	SBLKLA3117	SBLKLA311	gk0621.d	11/15/07	21:08
12	311LALCS7	311LALCS	gk0622.d	11/15/07	21:32
13	SBLKWK3177	SBLKWK317	gk0623.d	11/15/07	21:57
14	317WKLCS7	317WKLCS	gk0624.d	11/15/07	22:22
15	317WKLCSD7	317WKLCSD	gk0625.d	11/15/07	22:46
16	FINE-	5208583	gk0626.d	11/15/07	23:11
17	VELW1	5210383	gk0627.d	11/15/07	23:35
18	GF01S	5205180	gk0628.d	11/16/07	00:00

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Lab File ID: gk0610.d DFTPP Injection Date: 11/15/07

Instrument ID: HP11165 DFTPP Injection Time: 16:40

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	54.5
68	Less than 2.0% of mass 69	1.04 (1.5)1
69	Mass 69 relative abundance	69.0
70	Less than 2.0% of mass 69	0.34 (0.49)1
127	40.0 - 60.0% of mass 198	57.0
197	Less than 1.0% of mass 198	0.81
198	Base peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	6.78
275	10.0 - 30.0% of mass 198	25.5
365	Greater than 1.00% of mass 198	3.52
441	Present, and less than mass 443	9.02
442	Greater than 40.0 % of mass 198	63.6
443	17.0 - 23.0% of mass 442	10.8 (17.0)2

1-Value is % mass 69 2-Value is % mass of 442

THIS TUNE APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
19	GF01SMS	5205180	gk0629.d	11/16/07	00:24
20	GF01SMSD	5205180	gk0630.d	11/16/07	00:48
21	SED-1	5204660	gk0631.d	11/16/07	01:13
22	SED-2	5204662	gk0632.d	11/16/07	01:39
23	SED-3	5204664	gk0633.d	11/16/07	02:04
24	SED-4	5204666	gk0634.d	11/16/07	02:28
25	CB41-	5204759	gk0635.d	11/16/07	02:52
26	CB4-5	5204760	gk0636.d	11/16/07	03:16
27	GF02C	5205182	gk0637.d	11/16/07	03:40
28	107BR	5208172	gk0638.d	11/16/07	04:05

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Lab File ID: gl0090.d DFTPP Injection Date: 12/04/07

Instrument ID: HP11165 DFTPP Injection Time: 18:18

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	40.7
68	Less than 2.0% of mass 69	0.91 (1.52)1
69	Mass 69 relative abundance	59.9
70	Less than 2.0% of mass 69	0.26 (0.44)1
127	40.0 - 60.0% of mass 198	50.3
197	Less than 1.0% of mass 198	0.49
198	Base peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	6.49
275	10.0 - 30.0% of mass 198	26.8
365	Greater than 1.00% of mass 198	4.07
441	Present, and less than mass 443	12.9
442	Greater than 40.0 % of mass 198	83.1
443	17.0 - 23.0% of mass 442	14.5 (17.5)2

1-Value is % mass 69 2-Value is % mass of 442

THIS TUNE APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	SSTD080	STD3107	gl0091.d	12/04/07	18:33
02	SBLKWD3377	SBLKWD337	gl0092.d	12/04/07	19:04
03	337WDLCS7	337WDLCS	gl0093.d	12/04/07	19:29
04	SBLKWC3377	SBLKWC337	gl0094.d	12/04/07	19:53
05	337WCLCS7	337WCLCS	gl0095.d	12/04/07	20:18
06	337WCLCSD7	337WCLCSD	gl0096.d	12/04/07	20:43
07	77201	5224221	gl0097.d	12/04/07	21:07
08	AR502	5224372	gl0098.d	12/04/07	21:32
09	AR801	5224373	gl0099.d	12/04/07	21:57
10	AR803	5224374	gl0100.d	12/04/07	22:21
11	AR804	5224375	gl0101.d	12/04/07	22:46
12	AR805	5224376	gl0102.d	12/04/07	23:10
13	BCD02	5223997	gl0103.d	12/04/07	23:35
14	BCD02MS	5223998	gl0104.d	12/04/07	23:59
15	BCD02MSD	5223999	gl0105.d	12/05/07	00:24
16	BCT23	5223994	gl0106.d	12/05/07	00:47
17	BC123	5223995	gl0107.d	12/05/07	01:12
18	BCT05	5223996	gl0108.d	12/05/07	02:03

8313

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Lab File ID: gl0090.d DFTPP Injection Date: 12/04/07

Instrument ID: HP11165 DFTPP Injection Time: 18:18

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	40.7
68	Less than 2.0% of mass 69	0.91 (1.52)1
69	Mass 69 relative abundance	59.9
70	Less than 2.0% of mass 69	0.26 (0.44)1
127	40.0 - 60.0% of mass 198	50.3
197	Less than 1.0% of mass 198	0.49
198	Base peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	6.49
275	10.0 - 30.0% of mass 198	26.8
365	Greater than 1.00% of mass 198	4.07
441	Present, and less than mass 443	12.9
442	Greater than 40.0 % of mass 198	83.1
443	17.0 - 23.0% of mass 442	14.5 (17.5)2

1-Value is % mass 69 2-Value is % mass of 442

THIS TUNE APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
19	BCD01	5224001	gl0109.d	12/05/07	02:27
20	BCD08	5224002	gl0110.d	12/05/07	02:52
21	BCOR2	5224003	gl0111.d	12/05/07	03:16
22	BCOS2	5224004	gl0112.d	12/05/07	03:41
23	BCOR3	5224005	gl0113.d	12/05/07	04:05
24	BCOS3	5224006	gl0114.d	12/05/07	04:30
25	BCEB1	5224007	gl0115.d	12/05/07	04:54
26	ARDUPDUP	5224377	gl0116.d	12/05/07	05:19

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: LANCASTER LABS Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Lab File ID (Standard): gl0091.d Date Analyzed: 12/04/07

Instrument ID: HP11165 Time Analyzed: 18:33

	IS1(DCB) AREA	#	RT	#	IS2(NPT) AREA	#	RT	#	IS3(ANT) AREA	#	RT	#
	12 HOUR STD		112770		4.928		492374		6.083		316773		7.565	
	UPPER LIMIT		225540		5.428		984748		6.583		633546		8.065	
	LOWER LIMIT		56385		4.428		246187		5.583		158387		7.065	
	EPA SAMPLE NO.													
01	SBLKWD3377		92994		4.928		379043		6.078		248920		7.559	
02	337WDLCS7		90054		4.928		374795		6.078		244380		7.559	
03	SBLKWC3377		91599		4.928		372401		6.078		241190		7.559	
04	337WCLCS7		101002		4.928		421129		6.078		270919		7.559	
05	337WCLCSD7		105367		4.928		441665		6.078		287241		7.559	
06	77201		94515		4.928		384762		6.078		245161		7.559	
07	AR502		95992		4.928		385768		6.078		250862		7.554	
08	AR801		103741		4.928		421370		6.078		268549		7.554	
09	AR803		100355		4.928		398167		6.078		258737		7.559	
10	AR804		109933		4.928		440866		6.078		288440		7.559	
11	AR805		102029		4.928		413290		6.078		271744		7.559	
12	BCD02		97624		4.928		389496		6.078		255171		7.559	
13	BCD02MS		98604		4.928		406010		6.078		266308		7.559	
14	BCD02MSD		96685		4.928		405180		6.078		257620		7.559	
15	BCT23		92283		4.928		371236		6.078		238684		7.554	
16	BC123		92966		4.928		377720		6.078		247950		7.554	
17	BCT05		99160		4.922		397218		6.078		265512		7.559	

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT (advisory) = +100% of internal standard area
AREA LOWER LIMIT (advisory) = -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 internal standard are and RT values with an asterisk
* Values outside of QC limits.

0315

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: LANCASTER LABS Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Lab File ID (Standard): gl0091.d Date Analyzed: 12/04/07

Instrument ID: HP11165 Time Analyzed: 18:33

		IS1(DCB)		IS2(NPT)		IS3(ANT)	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
	12 HOUR STD	112770	4.928	492374	6.083	316773	7.565
	UPPER LIMIT	225540	5.428	984748	6.583	633546	8.065
	LOWER LIMIT	56385	4.428	246187	5.583	158387	7.065
	EPA SAMPLE NO.						
18	BCD01	95432	4.923	386279	6.078	250891	7.554
19	BCD08	92532	4.923	376681	6.078	244175	7.554
20	BCOR2	90725	4.923	377096	6.078	249864	7.554
21	BCOS2	90557	4.922	369483	6.078	243785	7.554
22	BCOR3	94483	4.922	392674	6.078	254550	7.554
23	BCOS3	97992	4.922	404248	6.078	263250	7.554
24	BCEB1	97041	4.923	396670	6.078	254048	7.554
25	ARDUPDUP	96303	4.922	406240	6.078	261821	7.554

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT (advisory) = +100% of internal standard area
AREA LOWER LIMIT (advisory) = -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 internal standard are and RT values with an asterisk
* Values outside of QC limits.

0316

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: LANCASTER LABS Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Lab File ID (Standard): gl0091.d Date Analyzed: 12/04/07

Instrument ID: HP11165 Time Analyzed: 18:33

		IS4(PHN)			IS5(CRY)			IS6(PRY)	
		AREA #	RT #		AREA #	RT #		AREA #	RT #
	12 HOUR STD	640165	8.784		723938	10.966		571465	12.421
	UPPER LIMIT	1280330	9.284		1447876	11.466		1142930	12.921
	LOWER LIMIT	320083	8.284		361969	10.466		285733	11.921
	EPA SAMPLE NO.								
01	SBLKWD3377	515312	8.774		571364	10.961		449670	12.416
02	337WDLCS7	490255	8.779		550900	10.961		432937	12.416
03	SBLKWC3377	503917	8.774		533438	10.956		423190	12.411
04	337WCLCS7	546815	8.779		605988	10.961		464465	12.416
05	337WCLCSD7	578106	8.779		605407	10.961		463963	12.416
06	77201	514890	8.773		576919	10.956		452111	12.416
07	AR502	521327	8.774		570253	10.956		448833	12.411
08	AR801	536052	8.774		586959	10.956		470018	12.416
09	AR803	528251	8.773		568075	10.956		447055	12.411
10	AR804	590585	8.774		610741	10.956		458907	12.411
11	AR805	564700	8.774		603749	10.950		466452	12.411
12	BCD02	531664	8.773		565061	10.950		439658	12.405
13	BCD02MS	526138	8.773		565493	10.956		435071	12.411
14	BCD02MSD	515293	8.774		537617	10.961		409465	12.411
15	BCT23	508561	8.773		562025	10.950		438350	12.405
16	BC123	516301	8.773		555239	10.961		438216	12.410
17	BCT05	546717	8.773		588952	10.972		458774	12.427

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT (advisory) = +100% of internal standard area
AREA LOWER LIMIT (advisory) = -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 internal standard are and RT values with an asterisk
* Values outside of QC limits.

0317

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: LANCASTER LABS Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Lab File ID (Standard): gl0091.d Date Analyzed: 12/04/07

Instrument ID: HP11165 Time Analyzed: 18:33

		IS4(PHN)			IS5(CRY)			IS6(PRY)	
		AREA	#	RT	#	AREA	#	RT	#	AREA	#	RT	#
	12 HOUR STD	640165		8.784		723938		10.966		571465		12.421	
	UPPER LIMIT	1280330		9.284		1447876		11.466		1142930		12.921	
	LOWER LIMIT	320083		8.284		361969		10.466		285733		11.921	
	EPA SAMPLE NO.												
18	BCD01	516304		8.774		556793		10.956		428909		12.411	
19	BCD08	510537		8.774		531743		10.956		412464		12.411	
20	BCOR2	516261		8.774		540194		10.950		419352		12.405	
21	BCOS2	496104		8.773		526176		10.950		405785		12.405	
22	BCOR3	515160		8.773		533963		10.950		413839		12.405	
23	BCOS3	533982		8.773		559012		10.950		431052		12.405	
24	BCEB1	516553		8.774		535467		10.951		423882		12.405	
25	ARDUPDUP	528291		8.773		540631		10.950		406555		12.405	

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT (advisory) = +100% of internal standard area
AREA LOWER LIMIT (advisory) = -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 internal standard are and RT values with an asterisk
* Values outside of QC limits.

9318

Sample Data

Extraction Method:
SW-846 3510C
Analytical Method:
SW-846 8270C
Instrument type: HP5890/5972

MDLs verified April 2007

GC/MS Semivolatile Water Composite MDL Study

Instrument ID	HP06756.I	HP06756.I	HP06756.I	HP06756.I	HP06756.I	HP06756.I	HP06756.I
Datafile	nd197.d	nd198.d	nd199.d	nd200.d	nd201.d	nd202.d	nd203.d
Injection Date	4/11/2006 10:24	4/11/2006 11:19	4/11/2006 12:14	4/11/2006 13:10	4/11/2006 14:05	4/11/2006 15:00	4/11/2006 15:56
Lab Sample ID	WATERA	WATERB	WATERC	WATERD	WATERE	WATERF	WATERG
Client Sample ID	LOWA	LOWB	LOWC	LOWD	LOWE	LOWF	LOWG
Extraction Batch	06055WAM026						

Compound Name	Concentration (ug/l)	Concentration (ug/l)	Concentration (ug/l)	Concentration (ug/l)	Concentration (ug/l)	Concentration (ug/l)	Concentration (ug/l)	Mean Concentration (ug/l)	Standard Deviation	Student T value used	Sample MDL (ug/l)	Sample Spike Level (ug/l)	Average %Rec.	Reported MDL (ug/l)
1,1'-Biphenyl	0.928	0.962	0.939	0.974	0.998	0.964	1.010	0.968	0.030	3.143	0.093	1.00	97	1
1,2,4,5-Tetrachlorobenzene	0.939	0.935	0.899	0.982	0.937	0.945	1.008	0.949	0.035	3.143	0.111	1.00	95	2
1,2,4-Trichlorobenzene	0.967	0.851	0.863	0.974	0.929	0.909	0.919	0.919	0.051	3.143	0.160	1.00	92	1
1,2-Dichlorobenzene	0.976	0.937	0.870	0.954	0.845	0.928	0.909	0.917	0.046	3.143	0.145	1.00	92	1
1,2-Diphenylhydrazine	0.802	0.826	0.770	0.776	0.795	0.804	0.758	0.790	0.023	3.143	0.072	1.00	79	1
1,3,5-Trinitrobenzene *	4.297	4.733	4.027	4.601	4.463	4.836	4.515	4.496	0.27	3.143	0.866	5.00	90	5
1,3-Dichlorobenzene	0.905	0.899	0.840	0.917	0.909	0.911	0.880	0.895	0.027	3.143	0.084	1.00	89	1
1,3-Dinitrobenzene	0.539	0.553	0.416	0.474	0.444	0.502	0.384	0.473	0.063	3.143	0.197	1.00	47	2
1,4-Dichlorobenzene	0.928	0.882	0.875	0.915	0.946	0.921	0.891	0.923	0.035	3.143	0.111	1.00	92	1
1,4-Dinitrobenzene	0.330	0.316	0.246	0.270	0.358	0.377	0.331	0.318	0.046	3.143	0.145	1.00	32	1
1,4-Dioxane	0.485	0.446	0.469	0.436	0.485	0.467	0.443	0.462	0.020	3.143	0.063	1.00	46	1
1,4-Naphthoquinone **	24.146	20.949	16.671	17.126	20.640	21.816	22.461	20.833	2.350	3.143	7.386	50.00	42	10
1-Chloronaphthalene	0.806	0.862	0.777	0.835	0.850	0.800	0.848	0.829	0.036	3.143	0.112	1.00	83	1
1-Methylnaphthalene	0.916	0.976	0.913	0.939	1.022	0.975	0.971	0.959	0.039	3.143	0.123	1.00	96	1
1-Naphthylamine *	1.411	1.674	2.004	1.649	1.805	1.751	1.903	1.743	0.19	3.143	0.604	5.00	35	5
1-Nitronaphthalene	0.779	0.778	0.760	0.728	0.748	0.775	0.809	0.742	0.062	3.143	0.195	1.00	74	1
2,2'-oxybis(1-Chloropropane)	1.124	1.026	1.014	1.092	1.049	1.024	1.077	1.056	0.041	3.143	0.129	1.00	106	1
2,3,4,6-Tetrachlorophenol	0.776	0.736	0.756	0.771	0.810	0.738	0.709	0.757	0.033	3.143	0.103	1.00	76	2
2,4,5-Trichlorophenol	0.717	0.782	0.701	0.827	0.648	0.635	0.658	0.707	0.069	3.143	0.217	1.00	71	1
2,4,6-Trichlorophenol	0.605	0.795	0.735	0.782	0.692	0.721	0.832	0.737	0.082	3.143	0.196	1.00	74	1
2,4-Dichlorophenol	0.769	0.856	0.757	0.767	0.755	0.829	0.766	0.786	0.040	3.143	0.126	1.00	79	1
2,4-Dimethylphenol	0.724	0.725	0.644	0.748	0.698	0.734	0.676	0.707	0.038	3.143	0.114	1.00	71	3
2,4-Dinitrophenol	3.499	4.072	3.559	4.163	3.632	4.007	3.195	3.731	0.354	3.143	1.112	10.00	37	20
2,4-Dinitrotoluene	0.653	0.697	0.627	0.712	0.656	0.663	0.676	0.670	0.028	3.143	0.089	1.00	67	1
2,6-Dichlorophenol	0.785	0.785	0.770	0.826	0.635	0.808	0.784	0.799	0.025	3.143	0.078	1.00	80	2
2,6-Dinitrotoluene	0.674	0.665	0.568	0.751	0.655	0.610	0.662	0.658	0.052	3.143	0.163	1.00	66	1
2-Acetylaminofluorene	0.373	0.366	0.336	0.371	0.325	0.362	0.330	0.352	0.021	3.143	0.066	1.00	35	2

0328

Analyst name and ID (printed): Joe Gambler 346 Approved by: CMR 1412

Signature: Joe Gambler Title: Sr Specialist

Extraction Method:
SW-846 3510C
Analytical Method:
SW-846 8270C
Instrument type: HP5890/5972

MDLs verified April 2007

GC/MS Semivolatile Water Composite MDL Study

Instrument ID	HP06756.I	HP06756.I	HP06756.I	HP06756.I	HP06756.I	HP06756.I	HP06756.I
Datafile	nd197.d	nd198.d	nd199.d	nd200.d	nd201.d	nd202.d	nd203.d
Injection Date	4/11/2006 10:24	4/11/2006 11:19	4/11/2006 12:14	4/11/2006 13:10	4/11/2006 14:05	4/11/2006 15:00	4/11/2006 15:56
Lab Sample ID	WATERA	WATERB	WATERC	WATERD	WATERE	WATERF	WATERG
Client Sample ID	LOWA	LOWB	LOWC	LOWD	LOWE	LOWF	LOWG
Extraction Batch	06055WAM028						

Compound Name	Concentration (ug/l)	Concentration (ug/l)	Concentration (ug/l)	Concentration (ug/l)	Concentration (ug/l)	Concentration (ug/l)	Concentration (ug/l)	Mean Concentration (ug/l)	Standard Deviation	Student T value used	Sample MDL (ug/l)	Sample Spike Level (ug/l)	Average %Rec.	Reported MDL (ug/l)
2-Chloronaphthalene	0.910	0.952	0.881	0.915	0.929	0.958	0.916	0.923	0.028	3.143	0.082	1.00	92	2
2-Chlorophenol	0.891	0.972	0.863	0.950	0.902	0.944	0.905	0.918	0.038	3.143	0.120	1.00	92	1
2-Methylnaphthalene	0.871	0.907	0.863	0.913	0.870	0.913	0.873	0.887	0.023	3.143	0.071	1.00	89	1
2-Methylphenol	0.819	0.881	0.866	0.994	1.194	1.130	1.211	1.017	0.162	3.143	0.508	1.00	102	1
2-Naphthylamine	0.274	0.332	0.311	0.275	0.236	0.391	0.215	0.291	0.060	3.143	0.188	1.00	29	6
2-Nitroaniline	0.559	0.614	0.537	0.569	0.561	0.611	0.551	0.572	0.030	3.143	0.093	1.00	57	1
2-Nitrophenol	0.681	0.835	0.722	0.785	0.747	0.732	0.859	0.766	0.064	3.143	0.201	1.00	77	1
2-Picoline	0.617	0.566	0.549	0.367	0.358	0.533	0.024	0.433	0.204	3.143	0.641	1.00	43	2
3,3'-Dichlorobenzidine	0.295	0.354	0.277	0.365	0.312	0.472	0.345	0.346	0.065	3.143	0.203	1.00	35	2
3,3'-Dimethylbenzidine	0.287	0.265	0.234	0.194	0.348	0.575	0.118	0.288	0.146	3.143	0.459	1.00	29	10
3-Methylcholanthrene	0.568	0.573	0.553	0.547	0.554	0.566	0.537	0.557	0.013	3.143	0.041	1.00	56	2
3-Nitroaniline	0.386	0.438	0.369	0.372	0.427	0.501	0.437	0.419	0.047	3.143	0.148	1.00	42	1
4,4'-Methylenebis(2-Chloroani	0.185	0.208	0.126	0.202	0.175	0.264	0.234	0.199	0.044	3.143	0.139	1.00	20	5
4,6-Dinitro-2-methylphenol	5.852	6.697	6.253	6.405	6.256	6.814	5.660	6.277	0.417	3.143	1.311	10.00	63	5
4-Aminobiphenyl	0.424	0.434	0.401	0.407	0.423	0.493	0.364	0.424	0.035	3.143	0.109	1.00	42	2
4-Bromophenyl-phenylether	0.873	0.923	0.860	0.882	0.911	0.971	0.825	0.892	0.046	3.143	0.150	1.00	89	1
4-Chloro-3-methylphenol	0.694	0.719	0.694	0.736	0.718	0.737	0.755	0.722	0.023	3.143	0.071	1.00	72	1
4-Chloroaniline	0.410	0.386	0.365	0.428	0.404	0.488	0.440	0.418	0.040	3.143	0.124	1.00	42	1
4-Chlorophenyl-phenylether	0.900	0.965	0.893	0.917	0.941	0.970	1.023	0.944	0.046	3.143	0.144	1.00	94	2
4-Methylphenol	0.718	0.779	0.667	0.743	0.809	0.837	0.893	0.778	0.076	3.143	0.239	1.00	78	2
4-Nitroaniline	0.622	0.602	0.669	0.647	0.644	0.712	0.656	0.651	0.035	3.143	0.110	1.00	65	1
4-Nitrophenol	3.037	3.298	2.988	3.271	3.304	3.399	2.953	3.178	0.183	3.143	0.577	10.00	32	10
4-Nitroquinoline-1-oxide	3.011	3.010	2.871	2.991	2.982	3.006	2.863	2.959	0.065	3.143	0.205	10.00	30	20
5-Nitro-o-toluidine *	2.662	2.856	2.772	2.774	2.740	2.853	3.019	2.768	0.15	3.143	0.458	5.00	55	3
6-Methylchrysene	0.799	0.867	0.803	0.863	0.813	0.876	0.870	0.844	0.038	3.143	0.119	1.00	84	1
7,12-Dimethylbenz[a]anthrace	0.347	0.376	0.291	0.353	0.331	0.411	0.315	0.346	0.039	3.143	0.124	1.00	35	2
a,a-Dimethylphenethylamine *	1.661	1.367	0.516	1.361	0.997	1.014	1.364	1.191	0.38	3.143	1.186	5.00	24	2
Acenaphthene	0.918	0.996	0.975	1.057	0.927	0.993	1.023	0.984	0.050	3.143	0.156	1.00	98	1

8321

Analyst name and ID (printed): Joe Gamble 346 Approved by: CME/412

Signature: Joe Gamble Title: Sr. Specialist

Extraction Method:
SW-846 3510C
Analytical Method:
SW-846 8270C
Instrument type: HP6890/5972

MDLs verified April 2007

GC/MS Semivolatile Water Composite MDL Study

Instrument ID	HP06756.I	HP06756.I	HP06756.I	HP06756.I	HP06756.I	HP06756.I	HP06756.I
Datafile	nd197.d	nd198.d	nd199.d	nd200.d	nd201.d	nd202.d	nd203.d
Injection Date	4/11/2006 10:24	4/11/2006 11:19	4/11/2006 12:14	4/11/2006 13:10	4/11/2006 14:05	4/11/2006 15:00	4/11/2006 15:56
Lab Sample ID	WATERA	WATERB	WATERC	WATERD	WATERE	WATERF	WATERG
Client Sample ID	LOWA	LOWB	LOWC	LOWD	LOWE	LOWF	LOWG
Extraction Batch	06055WAM026						

Compound Name	Concentration (ug/l)	Concentration (ug/l)	Concentration (ug/l)	Concentration (ug/l)	Concentration (ug/l)	Concentration (ug/l)	Concentration (ug/l)	Mean Concentration (ug/l)	Standard Deviation	Student T value used	Sample MDL (ug/l)	Sample Spike Level (ug/l)	Average %Rec.	Reported MDL (ug/l)
Acenaphthylene	0.946	0.960	0.879	0.943	0.898	0.932	0.955	0.930	0.031	3.143	0.097	1.00	93	1
Acetophenone	0.962	1.043	0.955	0.976	0.956	1.022	1.067	0.997	0.046	3.143	0.145	1.00	100	2
Aniline	0.303	0.342	0.303	0.338	0.313	0.398	0.334	0.333	0.033	3.143	0.104	1.00	33	1
Anthracene	0.893	0.920	0.872	0.900	0.879	0.942	0.884	0.898	0.025	3.143	0.078	1.00	90	1
Aramite ***	3.917	3.805	3.462	3.982	4.002	4.261	4.165	3.942	0.260	3.143	0.816	10.00	39	6
Atrazine	0.729	0.801	0.741	0.763	0.675	0.734	0.636	0.725	0.055	3.143	0.172	1.00	73	2
Benzaldehyde	0.404	0.395	0.378	0.381	0.402	0.411	0.356	0.390	0.018	3.143	0.058	1.00	39	1
Benzidine *	3.676	6.726	7.694	5.398	6.829	4.606	5.313	5.735	1.43	3.143	4.489	25.00	23	20
Benzo(a)anthracene	1.031	1.088	1.000	1.007	1.020	1.049	1.039	1.033	0.030	3.143	0.093	1.00	103	1
Benzo(a)pyrene	0.737	0.762	0.695	0.729	0.732	0.764	0.739	0.737	0.023	3.143	0.073	1.00	74	1
Benzo(b)fluoranthene	0.789	0.850	0.796	0.825	0.833	0.822	0.845	0.823	0.023	3.143	0.072	1.00	82	1
Benzo(g,h,i)perylene	0.660	0.691	0.667	0.699	0.647	0.672	0.659	0.671	0.016	3.143	0.050	1.00	67	1
Benzo(k)fluoranthene	0.893	0.899	0.809	0.846	0.859	0.898	0.833	0.863	0.035	3.143	0.111	1.00	86	1
Benzoic acid $	7.856	8.078	7.889	8.111	7.990	8.148	7.763	7.977	0.1445	3.143	0.4541	10.00	80	6
Benzyl alcohol	6.739	6.106	6.160	5.754	3.813	5.516	4.043	5.448	1.107	3.143	3.480	10.00	54	6
Biphenyl	0.928	0.962	0.939	0.974	0.998	0.964	1.010	0.968	0.030	3.143	0.093	1.00	97	1
bis(2-Chloroethoxy)methane	0.966	0.983	0.949	0.954	0.977	0.967	0.985	0.969	0.014	3.143	0.044	1.00	97	1
bis(2-Chloroethyl)ether	0.927	0.871	0.918	0.870	0.880	0.876	0.889	0.891	0.023	3.143	0.072	1.00	89	1
bis(2-Chloroisopropyl)ether	1.124	1.026	1.014	1.092	1.049	1.024	1.077	1.058	0.041	3.143	0.129	1.00	106	1
bis(2-Ethylhexyl)phthalate	0.979	1.023	0.939	0.960	0.951	1.007	0.959	0.964	0.060	3.143	0.189	1.00	96	2
Butylbenzylphthalate	0.719	0.699	0.651	0.612	0.675	0.717	0.639	0.673	0.041	3.143	0.129	1.00	67	2
Caprolactam *	0.857	0.956	0.788	0.785	0.668	0.905	0.665	0.861	0.09	3.143	0.192	5.00	17	6
Carbazole	0.914	0.938	0.886	0.864	0.955	0.929	0.909	0.917	0.026	3.143	0.082	1.00	92	1
Chlorobenzilate	0.409	0.424	0.359	0.287	0.345	0.370	0.333	0.361	0.048	3.143	0.148	1.00	36	3
Chrysene	0.957	0.992	0.961	0.993	0.934	0.984	0.964	0.969	0.022	3.143	0.068	1.00	97	2
Dialiate TRANS/CIS	0.795	0.854	0.731	0.866	0.800	0.769	0.730	0.792	0.054	3.143	0.169	1.00	79	1
Dibenz(a,h)acridine	0.591	0.593	0.550	0.577	0.569	0.583	0.546	0.573	0.019	3.143	0.059	1.00	57	1
Dibenz(a,h)anthracene	0.635	0.641	0.609	0.636	0.644	0.598	0.621	0.627	0.017	3.143	0.055	1.00	63	1
Dibenz(a,j)acridine	0.571	0.636	0.557	0.567	0.482	0.614	0.566	0.571	0.049	3.143	0.153	1.00	57	2

6322

Analyst name and ID (printed): Joe Gambler 346 Approved by: CMR/4/12

Signature: Joe Gambler Title: Sr. Specialist

Extraction Method:
SW-846 3510C
Analytical Method:
SW-846 8270C
Instrument type: HP5890/5972

MDLs verified April 2007

GC/MS Semivolatile Water Composite MDL Study

Instrument ID	HP06756.I	HP06756.I	HP06756.I	HP06756.I	HP06756.I	HP06756.I	HP06756.I
Datafile	nd197.d	nd198.d	nd199.d	nd200.d	nd201.d	nd202.d	nd203.d
Injection Date	4/11/2006 10:24	4/11/2006 11:19	4/11/2006 12:14	4/11/2006 13:10	4/11/2006 14:05	4/11/2006 15:00	4/11/2006 15:56
Lab Sample ID	WATERA	WATERB	WATERC	WATERD	WATERE	WATERF	WATERG
Client Sample ID	LOWA	LOWB	LOWC	LOWD	LOWE	LOWF	LOWG
Extraction Batch	06055WAM026						

Compound Name	Concentration (ug/l)	Concentration (ug/l)	Concentration (ug/l)	Concentration (ug/l)	Concentration (ug/l)	Concentration (ug/l)	Concentration (ug/l)	Mean Concentration (ug/l)	Standard Deviation	Student T value used	Sample MDL (ug/l)	Sample Spike Level (ug/l)	Average %Rec.	Reported MDL (ug/l)
Dibenzofuran	1.007	0.962	0.922	0.968	0.967	0.981	1.005	0.979	0.029	3.143	0.092	1.00	98	1
Diethylphthalate	0.902	0.862	0.845	0.835	0.788	0.843	0.833	0.847	0.037	3.143	0.116	1.00	85	2
Dimethoate *	4.741	4.837	4.518	4.706	4.815	4.847	4.777	4.749	0.11	3.143	0.358	5.00	95	3
Dimethylphthalate	0.774	0.799	0.730	0.660	0.735	0.715	0.705	0.734	0.041	3.143	0.128	1.00	73	2
Di-n-butylphthalate	0.788	0.794	0.763	0.759	0.772	0.808	0.765	0.778	0.018	3.143	0.057	1.00	78	2
Di-n-octylphthalate	0.536	0.554	0.479	0.526	0.518	0.527	0.516	0.522	0.023	3.143	0.073	1.00	52	2
Dinoseb	4.300	4.366	4.246	4.281	4.193	4.459	4.112	4.262	0.116	3.143	0.365	5.00	86	2
Diphenyl	0.928	0.962	0.939	0.974	0.998	0.964	1.010	0.968	0.030	3.143	0.093	1.00	97	1
Diphenyl ether	0.963	1.071	0.962	1.052	0.988	1.017	1.000	1.011	0.039	3.143	0.123	1.00	101	1
Ethyl methanesulfonate	0.852	0.841	0.780	0.770	0.823	0.836	0.889	0.827	0.041	3.143	0.130	1.00	83	2
Fluoranthene	0.922	0.882	0.869	0.892	0.871	0.882	0.878	0.885	0.016	3.143	0.057	1.00	89	1
Fluorene	1.029	1.063	1.011	1.018	0.994	1.015	1.027	1.023	0.021	3.143	0.067	1.00	102	1
Hexachlorobenzene	0.957	0.930	0.923	0.920	0.948	0.960	0.942	0.940	0.016	3.143	0.050	1.00	94	1
Hexachlorobutadiene	0.824	0.850	0.727	0.826	0.786	0.908	0.829	0.821	0.056	3.143	0.176	1.00	82	1
Hexachlorocyclopentadiene	1.310	1.454	1.306	1.159	1.270	1.425	1.274	1.314	0.100	3.143	0.314	2.00	66	6
Hexachloroethane	0.811	0.907	0.763	0.922	0.763	0.806	0.731	0.815	0.074	3.143	0.231	1.00	81	1
Hexachloropropene	0.493	0.526	0.530	0.555	0.565	0.566	0.582	0.549	0.034	3.143	0.106	1.00	55	2
Indeno(1,2,3-cd)pyrene	0.619	0.602	0.608	0.582	0.570	0.620	0.619	0.603	0.020	3.143	0.062	1.00	60	1
Isodrin	0.771	0.952	0.961	0.840	0.904	0.844	0.928	0.886	0.070	3.143	0.219	1.00	89	1
Isophorone	0.959	0.829	0.767	0.783	0.854	0.793	0.789	0.825	0.066	3.143	0.208	1.00	82	1
Isosafrole	0.774	0.804	0.744	0.849	0.774	0.710	0.730	0.769	0.047	3.143	0.148	1.00	77	2
Methapyrilene *	7.651	7.605	5.717	7.738	5.467	5.728	6.823	6.647	1.02	3.143	3.199	40.00	17	15
Methyl methanesulfonate	0.436	0.443	0.463	0.415	0.462	0.422	0.516	0.451	0.035	3.143	0.109	1.00	45	1
Methyl parathion	0.470	0.506	0.448	0.503	0.477	0.575	0.477	0.494	0.041	3.143	0.129	1.00	49	1
N,N-dimethyl formamide *	0.651	0.596	0.494	0.493	0.588	0.636	0.697	0.594	0.08	3.143	0.243	5.00	12	6
Naphthalene	0.969	1.003	0.974	1.020	1.003	0.976	1.004	0.998	0.017	3.143	0.053	1.00	100	1
Nitrobenzene	0.950	0.908	0.922	0.977	0.959	0.983	0.976	0.954	0.029	3.143	0.091	1.00	95	1
N-Nitrosodiethylamine	0.654	0.815	0.702	0.702	0.714	0.816	0.767	0.739	0.062	3.143	0.195	1.00	74	2
N-Nitrosodimethylamine	0.407	0.444	0.420	0.382	0.361	0.440	0.404	0.408	0.030	3.143	0.094	1.00	41	2

8323

Analyst name and ID (printed): Joy Gamble 346 Approved by: CMR/4/11

Signature: Joy Gamble Title: Sr. Specialist

Extraction Method:
SW-846 3510C
Analytical Method:
SW-846 8270C
Instrument type: HP6890/5972

MDLs verified April 2007

GC/MS Semivolatile Water Composite MDL Study

Instrument ID	HP06756.I	HP06756.I	HP06756.I	HP06756.I	HP06756.I	HP06756.I	HP06756.I
Datafile	nd197.d	nd198.d	nd199.d	nd200.d	nd201.d	nd202.d	nd203.d
Injection Date	4/11/2006 10:24	4/11/2006 11:19	4/11/2006 12:14	4/11/2006 13:10	4/11/2006 14:05	4/11/2006 15:00	4/11/2006 15:56
Lab Sample ID	WATERA	WATERB	WATERC	WATERD	WATERE	WATERF	WATERG
Client Sample ID	LOWA	LOWB	LOWC	LOWD	LOWE	LOWF	LOWG
Extraction Batch	06055WAM026						

Compound Name	Concentration (ug/l)	Concentration (ug/l)	Concentration (ug/l)	Concentration (ug/l)	Concentration (ug/l)	Concentration (ug/l)	Concentration (ug/l)	Mean Concentration (ug/l)	Standard Deviation	Student T value used	Sample MDL (ug/l)	Sample Spike Level (ug/l)	Average %Rec.	Reported MDL (ug/l)
N-Nitrosodi-n-butylamine *	5.258	5.233	5.278	5.075	5.235	5.274	5.273	5.232	0.07	3.143	0.226	5.00	105	2
N-Nitroso-di-n-propylamine	0.853	0.814	0.746	0.776	0.776	0.848	0.827	0.820	0.061	3.143	0.193	1.00	82	1
N-Nitrosodiphenylamine	0.900	0.882	0.814	0.902	0.866	0.886	0.883	0.873	0.030	3.143	0.093	1.00	87	2
N-Nitrosomethylethylamine	0.536	0.524	0.515	0.457	0.569	0.642	0.540	0.540	0.056	3.143	0.177	1.00	54	2
N-Nitrosomorpholine	0.630	0.773	0.700	0.687	0.788	0.710	0.740	0.718	0.054	3.143	0.170	1.00	72	2
N-Nitrosopiperidine	0.804	0.803	0.711	0.830	0.798	0.814	0.767	0.790	0.039	3.143	0.124	1.00	79	2
N-Nitrosopyrrolidine	0.671	0.671	0.652	0.643	0.649	0.712	0.698	0.671	0.026	3.143	0.081	1.00	67	2
O,O,O-triethylphosphorothioat	0.973	0.883	0.816	0.846	0.809	0.840	0.928	0.871	0.061	3.143	0.192	1.00	87	2
Octachlorostyrene	1.795	1.880	1.832	1.983	1.936	2.027	1.973	1.918	0.085	3.143	0.267	2.10	91	2
o-Toluidine	0.270	0.326	0.252	0.389	0.342	0.405	0.368	0.336	0.058	3.143	0.182	1.00	34	1
Parathion	3.153	3.188	2.961	3.020	3.019	3.205	2.962	3.073	0.108	3.143	0.334	5.00	61	1
p-Dimethylaminoazobenzene	0.635	0.580	0.581	0.515	0.548	0.627	0.595	0.577	0.044	3.143	0.138	1.00	58	2
Pentachlorobenzene	0.906	0.994	0.869	0.916	0.822	0.943	0.933	0.912	0.055	3.143	0.172	1.00	91	2
Pentachloronitrobenzene	0.950	0.950	0.890	1.023	0.854	1.010	0.799	0.897	0.121	3.143	0.381	1.00	90	2
Pentachlorophenol	7.044	7.529	6.921	7.154	7.142	7.175	6.482	7.061	0.323	3.143	1.016	10.00	71	3
Phenacetin	0.610	0.641	0.557	0.568	0.595	0.596	0.542	0.586	0.035	3.143	0.110	1.00	59	2
Phenanthrene	1.072	1.025	1.021	1.008	1.006	0.984	1.018	1.019	0.027	3.143	0.084	1.00	102	1
Phenol	0.470	0.443	0.423	0.433	0.443	0.465	0.464	0.449	0.018	3.143	0.056	1.00	45	1
Phorate	0.769	0.807	0.707	0.779	0.769	0.787	0.754	0.770	0.032	3.143	0.101	1.00	77	1
Pronamide	0.625	0.685	0.607	0.668	0.688	0.676	0.608	0.651	0.037	3.143	0.116	1.00	65	1
Pyrene	1.021	0.980	0.931	0.974	0.965	0.994	0.991	0.979	0.028	3.143	0.089	1.00	98	1
Pyridine *	2.430	2.269	2.333	2.232	2.155	2.209	2.274	2.272	0.09	3.143	0.281	5.00	45	2
Ronnel	0.740	0.788	0.797	0.795	0.807	0.802	0.710	0.777	0.037	3.143	0.116	1.00	78	1
Safrole	0.745	0.793	0.767	0.777	0.779	0.748	0.884	0.785	0.047	3.143	0.148	1.00	78	2
Tetraethyldithiopyrophosphate	0.773	0.802	0.679	0.774	0.764	0.775	0.815	0.769	0.044	3.143	0.137	1.00	77	1
Thionazin	0.617	0.709	0.623	0.757	0.676	0.660	0.599	0.663	0.056	3.143	0.177	1.00	66	2
1,4-Phenylenediamine @	116.047	99.508	97.418	51.664	91.796	83.865	104.602	92.414	20.68	3.143	65.62	1000.00	9	75
Indene $	1.152	1.127	1.172	1.014	1.151	1.074	1.040	1.104	0.0616	3.143	0.1936	1.00	110	1
Quinoline $	0.912	0.936	0.906	0.940	0.983	0.975	0.875	0.933	0.0385	3.143	0.1209	1.00	93	1
Benzenethiol #	0.949	0.913	1.181	1.111	1.275	1.363	1.117	1.130	0.1624	3.143	0.5105	5.00	23	6

B324

Analyst name and ID (printed): Joe Gambler 346

Approved by: [illegible]

Signature: [signature]

Title: Sr. Specialist

Extraction Method:
SW-846 3510C
Analytical Method:
SW-846 8270C
Instrument type: HP5890/5972

MDLs verified April 2007

GC/MS Semivolatile Water Composite MDL Study

Instrument ID	HP06756.I	HP06756.I	HP06756.I	HP06756.I	HP06756.I	HP06756.I	HP06756.I
Datafile	nd197.d	nd198.d	nd199.d	nd200.d	nd201.d	nd202.d	nd203.d
Injection Date	4/11/2006 10:24	4/11/2006 11:19	4/11/2006 12:14	4/11/2006 13:10	4/11/2006 14:05	4/11/2006 15:00	4/11/2006 15:56
Lab Sample ID	WATERA	WATERB	WATERC	WATERD	WATERE	WATERF	WATERG
Client Sample ID	LOWA	LOWB	LOWC	LOWD	LOWE	LOWF	LOWG
Extraction Batch	06055WAM026						

Compound Name	Concentration (ug/l)	Concentration (ug/l)	Concentration (ug/l)	Concentration (ug/l)	Concentration (ug/l)	Concentration (ug/l)	Concentration (ug/l)	Mean Concentration (ug/l)	Standard Deviation	Student T value used	Sample MDL (ug/l)	Sample Spike Level (ug/l)	Average %Rec.	Reported MDL (ug/l)

* = Taken from files nd217.d, nd218.d, nd219.d, nd220.d, nd221.d, nd222.d, nd223.d
@ = Taken from files nd257.d, nd258.d, nd259.d, nd260.d, nd261.d, nd262.d, nd263.d
$ = Taken from files bd294.d, bd295.d, bd296.d, bd297.d, bd298.d, bd299.d, bd300.d
# = Taken from files bd357.d, bd358.d, bd359.d, bd372.d, bd373.d, bd374.d, bd375.d
** = Taken from files md563.d, md564.d, md565.d, md566.d, md567.d, md568.d, md569.d
*** = Taken from files ne004.d, ne005.d, ne006.d, ne007.d, ne008.d, ne009, ne010.d

5239

Analyst name and ID (printed): Joy Gambline 346 Approved by: CMR/YLC

Signature: Joy Gambline Title: Sr Specialist

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCT23

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 5223994

Sample wt/vol: 1040 (g/mL)ML Lab File ID: gl0106.d

Level: (low/med) LOW Date Received: 11/30/07

% Moisture: not dec: dec: Date Extracted: 12/04/07

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/05/07

Injection Volume: 1 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Extraction: Sepf

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	LOQ	UG/L	Q
108-95-2	Phenol			5	U
111-44-4	bis(2-Chloroethyl)ether			5	U
95-57-8	2-Chlorophenol			5	U
541-73-1	1,3-Dichlorobenzene			5	U
106-46-7	1,4-Dichlorobenzene			5	U
95-50-1	1,2-Dichlorobenzene			5	U
95-48-7	2-Methylphenol			5	U
108-60-1	2,2'-oxybis(1-Chloropropane)			5	U
621-64-7	N-Nitroso-di-n-propylamine			5	U
106-44-5	4-Methylphenol			5	U
67-72-1	Hexachloroethane			5	U
98-95-3	Nitrobenzene			5	U
78-59-1	Isophorone			5	U
88-75-5	2-Nitrophenol			5	U
105-67-9	2,4-Dimethylphenol			10	U
111-91-1	bis(2-Chloroethoxy)methane			5	U
120-83-2	2,4-Dichlorophenol			5	U
120-82-1	1,2,4-Trichlorobenzene			5	U
91-20-3	Naphthalene			5	U
106-47-8	4-Chloroaniline			5	U
87-68-3	Hexachlorobutadiene			5	U
59-50-7	4-Chloro-3-methylphenol			5	U
91-57-6	2-Methylnaphthalene			5	U
77-47-4	Hexachlorocyclopentadiene			14	U
88-06-2	2,4,6-Trichlorophenol			5	U
95-95-4	2,4,5-Trichlorophenol			5	U
91-58-7	2-Chloronaphthalene			5	U
88-74-4	2-Nitroaniline			5	U
131-11-3	Dimethylphthalate			5	U
606-20-2	2,6-Dinitrotoluene			5	U

0326

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCT23

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 5223994

Sample wt/vol: 1040 (g/mL) ML Lab File ID: gl0106.d

Level: (low/med) LOW Date Received: 11/30/07

% Moisture: not dec: dec: Date Extracted: 12/04/07

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/05/07

Injection Volume: 1 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Extraction: Sepf

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	LOQ	UG/L	Q
208-96-8	Acenaphthylene			5	U
99-09-2	3-Nitroaniline			5	U
83-32-9	Acenaphthene			5	U
51-28-5	2,4-Dinitrophenol			58	U
100-02-7	4-Nitrophenol			29	U
132-64-9	Dibenzofuran			5	U
121-14-2	2,4-Dinitrotoluene			5	U
84-66-2	Diethylphthalate			5	U
86-73-7	Fluorene			5	U
7005-72-3	4-Chlorophenyl-phenylether			5	U
100-01-6	4-Nitroaniline			5	U
534-52-1	4,6-Dinitro-2-methylphenol			14	U
86-30-6	N-Nitrosodiphenylamine			5	U
101-55-3	4-Bromophenyl-phenylether			5	U
118-74-1	Hexachlorobenzene			5	U
87-86-5	Pentachlorophenol			14	U
85-01-8	Phenanthrene			5	U
120-12-7	Anthracene			5	U
86-74-8	Carbazole			5	U
84-74-2	Di-n-butylphthalate			5	U
206-44-0	Fluoranthene			5	U
129-00-0	Pyrene			5	U
85-68-7	Butylbenzylphthalate			5	U
91-94-1	3,3'-Dichlorobenzidine			5	U
56-55-3	Benzo(a)anthracene			5	U
218-01-9	Chrysene			5	U
117-81-7	bis(2-Ethylhexyl)phthalate			5	U
117-84-0	Di-n-octylphthalate			5	U
205-99-2	Benzo(b)fluoranthene			5	U
207-08-9	Benzo(k)fluoranthene			5	U

0327

1C cont

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCT23

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 5223994

Sample wt/vol: 1040 (g/mL) ML Lab File ID: gl0106.d

Level: (low/med) LOW Date Received: 11/30/07

% Moisture: not dec: dec: Date Extracted: 12/04/07

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/05/07

Injection Volume: 1 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Extraction: Sepf

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	LOQ	UG/L	Q
50-32-8	Benzo(a)pyrene			5	U
193-39-5	Indeno(1,2,3-cd)pyrene			5	U
53-70-3	Dibenz(a,h)anthracene			5	U
191-24-2	Benzo(g,h,i)perylene			5	U

9328

BCT23

Lancaster Labs
Quantitation Report GC/MS Semi-Volatiles

5223994

Data file: /chem/HP11165.i/07dec04a.b/gl0106.d Blank Data file reference:**/chem/HP11165.i/07dec04a.b/gl0092.d**
Injection date and time: 05-DEC-2007 00:47 Instrument ID: HP11165.i Batch: 07337WAD
Date, time and analyst ID of latest file update: 05-Dec-2007 06:24 jmg00346

Method used: /chem/HP11165.i/07dec04a.b/minti.m Sublist used: **WTC8**
Calibration date and time (Last Method Edit): 04-DEC-2007 22:50
Mid Level Daily Calibration Standard Reference: /chem/HP11165.i/07dec04a.b/gl0091.d

Sample Concentration Formula: On-Column Amount * DF * Uf * Vt/(Vo * Vi) Matrix: WATER GPC Cleanup: No

Dilution Factor (DF): 1 Unit Correction Factor (Uf): 1 Volume Injected (Vi): 1 ul
GPC Cleanup Factor (gpcf): 1 Sample Volume (Vo): 1040.0 ml Final Extract Volume (Vt): 1000 ul

Internal Standards	RT (+/-RT)	Scan	QIon	Area(+/- %Area)	Conc(ng/ul)	QC Flag
21) 1,4-Dichlorobenzene-d4	4.928(0.000)	634	152.0	92283(-18)	40.00	
52) Naphthalene-d8	6.078(0.005)	849	136.0	371236(-25)	40.00	
97) Acenaphthene-d10	7.554(0.011)	1125	164.0	238684(-25)	40.00	
134) Phenanthrene-d10	8.773(0.011)	1353	188.0	508561(-21)	40.00	
166) Chrysene-d12	10.950(0.016)	1760	240.0	562025(-22)	40.00	
174) Perylene-d12	12.405(0.016)	2032	264.0	438350(-23)	40.00	

= RETENTION TIME OUT OF RANGE * = INTERNAL STANDARD OUT OF RANGE NC = NOT ABLE TO CALCULATE

Surrogate Standards	I.S. Ref.	RT (+/-RRT)	QIon	Area	Conc. (on column)	%Rec.	QC flags	QC Limits
9) 2-Fluorophenol	(1)	3.633(0.002)	112	406969	103.601	52%		10 - 103
15) Phenol-d6	(1)	4.634(0.002)	99	380843	69.402	35%		10 - 82
38) Nitrobenzene-d5	(2)	5.452(0.000)	82	442111	88.278	88%		51 - 123
77) 2-Fluorobiphenyl	(3)	7.014(-0.001)	172	709620	88.177	88%		63 - 118
118) 2,4,6-Tribromophenol	(3)	8.212(-0.001)	330	280098	206.585	103%		20 - 159
155) Terphenyl-d14	(5)	10.095(-0.001)	244	911573	74.816	75%		52 - 151

= RELATIVE RETENTION TIME OUT OF RANGE * = PERCENT REC.OUT OF RANGE D = DILUTED OUT NC = NOT ABLE TO CALCULATE

Target Compounds	I.S. Ref.	RT (+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit (ng/ul)
16) Phenol	(1)				Below MDL, Do not report				1.00
18) bis(2-Chloroethyl)ether	(1)				ND	ND			1.00
19) 2-Chlorophenol	(1)				ND	ND			1.00
20) 1,3-Dichlorobenzene	(1)				ND	ND			1.00
22) 1,4-Dichlorobenzene	(1)				ND	ND			1.00
25) 1,2-Dichlorobenzene	(1)				ND	ND			1.00
26) 2-Methylphenol	(1)				Below MDL, Do not report				1.00
27) 2,2'-oxybis(1-Chloropropane)	(1)				Below MDL, Do not report				1.00
31) N-Nitroso-di-n-propylamine	(1)				ND	ND			1.00
33) 4-Methylphenol	(1)				Below MDL, Do not report				2.00
37) Hexachloroethane	(1)				ND	ND			1.00
39) Nitrobenzene	(2)				Below MDL, Do not report				1.00
41) Isophorone	(2)				Below MDL, Do not report				1.00
42) 2-Nitrophenol	(2)				ND	ND			1.00
44) 2,4-Dimethylphenol	(2)				Below MDL, Do not report				3.00
46) bis(2-Chloroethoxy)methane	(2)				Below MDL, Do not report				1.00
49) 2,4-Dichlorophenol	(2)				ND	ND			1.00
50) 1,2,4-Trichlorobenzene	(2)				ND	ND			1.00
53) Naphthalene	(2)				Below MDL, Do not report				1.00
55) 4-Chloroaniline	(2)				ND	ND			1.00
59) Hexachlorobutadiene	(2)				ND	ND			1.00
67) 4-Chloro-3-methylphenol	(2)				ND	ND			1.00
69) 2-Methylnaphthalene	(2)				Below MDL, Do not report				1.00

BCT23

Lancaster Labs
Quantitation Report GC/MS Semi-Volatiles

5223994

Data file: /chem/HP11165.i/07dec04a.b/gl0106.d Blank Data file reference:**/chem/HP11165.i/07dec04a.b/gl0092.d**
Injection date and time: 05-DEC-2007 00:47 Instrument ID: HP11165.i Batch: 07337WAD
Date, time and analyst ID of latest file update: 05-Dec-2007 06:24 jmg00346

Method used: /chem/HP11165.i/07dec04a.b/minti.m Sublist used: **WTC8**
Calibration date and time (Last Method Edit): 04-DEC-2007 22:50
Mid Level Daily Calibration Standard Reference: /chem/HP11165.i/07dec04a.b/gl0091.d

Sample Concentration Formula: On-Column Amount * DF * Uf * Vt/(Vo * Vi) Matrix: WATER GPC Cleanup: No

Dilution Factor (DF): 1 Unit Correction Factor (Uf): 1 Volume Injected (Vi): 1 ul
GPC Cleanup Factor (gpcf): 1 Sample Volume (Vo): 1040.0 ml Final Extract Volume (Vt): 1000 ul

Target Compounds	I.S. Ref.	RT	(+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit (ng/ul)
71) Hexachlorocyclopentadiene	(3)					ND	ND			5.00
74) 2,4,6-Trichlorophenol	(3)					Below MDL, Do not report				1.00
76) 2,4,5-Trichlorophenol	(3)					Below MDL, Do not report				1.00
83) 2-Chloronaphthalene	(3)					ND	ND			2.00
88) 2-Nitroaniline	(3)					Below MDL, Do not report				1.00
91) Dimethylphthalate	(3)					ND	ND			2.00
93) 2,6-Dinitrotoluene	(3)					ND	ND			1.00
94) Acenaphthylene	(3)					Below MDL, Do not report				1.00
96) 3-Nitroaniline	(3)					Below MDL, Do not report				1.00
98) Acenaphthene	(3)					Below MDL, Do not report				1.00
99) 2,4-Dinitrophenol	(3)					ND	ND			20.00
102) 4-Nitrophenol	(3)					Below MDL, Do not report				10.00
103) Dibenzofuran	(3)					Below MDL, Do not report				1.00
104) 2,4-Dinitrotoluene	(3)					ND	ND			1.00
108) Diethylphthalate	(3)					Below MDL, Do not report				2.00
110) Fluorene	(3)					ND	ND			1.00
111) 4-Chlorophenyl-phenylether	(3)					ND	ND			2.00
113) 4-Nitroaniline	(3)					Below MDL, Do not report				1.00
114) 4,6-Dinitro-2-methylphenol	(4)					ND	ND			5.00
116) N-Nitrosodiphenylamine	(4)					Below MDL, Do not report				2.00
124) 4-Bromophenyl-phenylether	(4)					ND	ND			1.00
126) Hexachlorobenzene	(4)					ND	ND			1.00
130) Pentachlorophenol	(4)					ND	ND			3.00
136) Phenanthrene	(4)					Below MDL, Do not report				1.00
137) Anthracene	(4)					Below MDL, Do not report				1.00
139) Carbazole	(4)					Below MDL, Do not report				1.00
141) Di-n-butylphthalate	(4)					Below MDL, Do not report				2.00
146) Fluoranthene	(4)					Below MDL, Do not report				1.00
153) Pyrene	(5)					Below MDL, Do not report				1.00
160) Butylbenzylphthalate	(5)					Below MDL, Do not report				2.00
163) 3,3'-Dichlorobenzidine	(5)					Below MDL, Do not report				2.00
165) Benzo(a)anthracene	(5)					Below MDL, Do not report				1.00
167) Chrysene	(5)					Below MDL, Do not report				1.00
168) bis(2-Ethylhexyl)phthalate	(5)					Below MDL, Do not report				2.00
169) Di-n-octylphthalate	(6)					ND	ND			2.00
171) Benzo(b)fluoranthene	(6)					Below MDL, Do not report				1.00
172) Benzo(k)fluoranthene	(6)					Below MDL, Do not report				1.00
173) Benzo(a)pyrene	(6)					Below MDL, Do not report				1.00
176) Indeno(1,2,3-cd)pyrene	(6)					Below MDL, Do not report				1.00
177) Dibenz(a,h)anthracene	(6)					Below MDL, Do not report				1.00
178) Benzo(g,h,i)perylene	(6)					Below MDL, Do not report				1.00

Lancaster Labs
Quantitation Report GC/MS Semi-Volatiles

Data file: /chem/HP11165.i/07dec04a.b/gl0106.d Blank Data file reference:**/chem/HP11165.i/07dec04a.b/gl0092.d**
Injection date and time: 05-DEC-2007 00:47 Instrument ID: HP11165.i Batch: 07337WAD
Date, time and analyst ID of latest file update: 05-Dec-2007 06:24 jmg00346

Method used: /chem/HP11165.i/07dec04a.b/minti.m Sublist used: **WTC8**
Calibration date and time (Last Method Edit): 04-DEC-2007 22:50
Mid Level Daily Calibration Standard Reference: /chem/HP11165.i/07dec04a.b/gl0091.d

Sample Concentration Formula: On-Column Amount * DF * Uf * Vt/(Vo * Vi) Matrix: WATER GPC Cleanup: No

Dilution Factor (DF): 1 Unit Correction Factor (Uf): 1 Volume Injected (Vi): 1 ul
GPC Cleanup Factor (gpcf): 1 Sample Volume (Vo): 1040.0 ml Final Extract Volume (Vt): 1000 ul

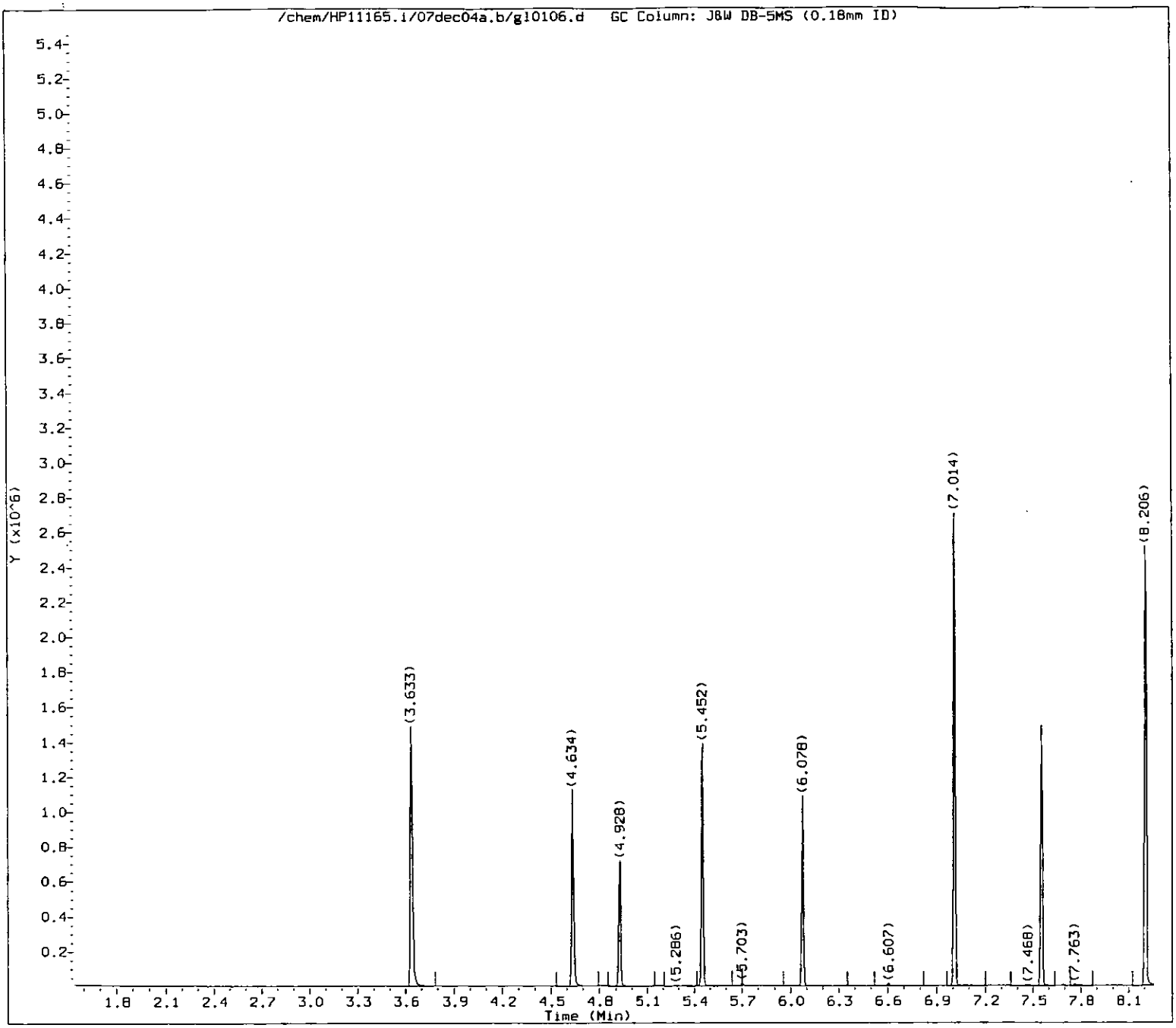
Target Compounds	I.S. Ref.	RT	(+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit (ng/ul)

E = CONC. OUT OF CAL. RANGE # = RELATIVE RETENTION TIME OUT OF RANGE

Total number of targets = 64

Comments:

Analyst: Date: 12-5-07
Auditor: Date: 12/5/07



Quant Report

Target Revision 3.5

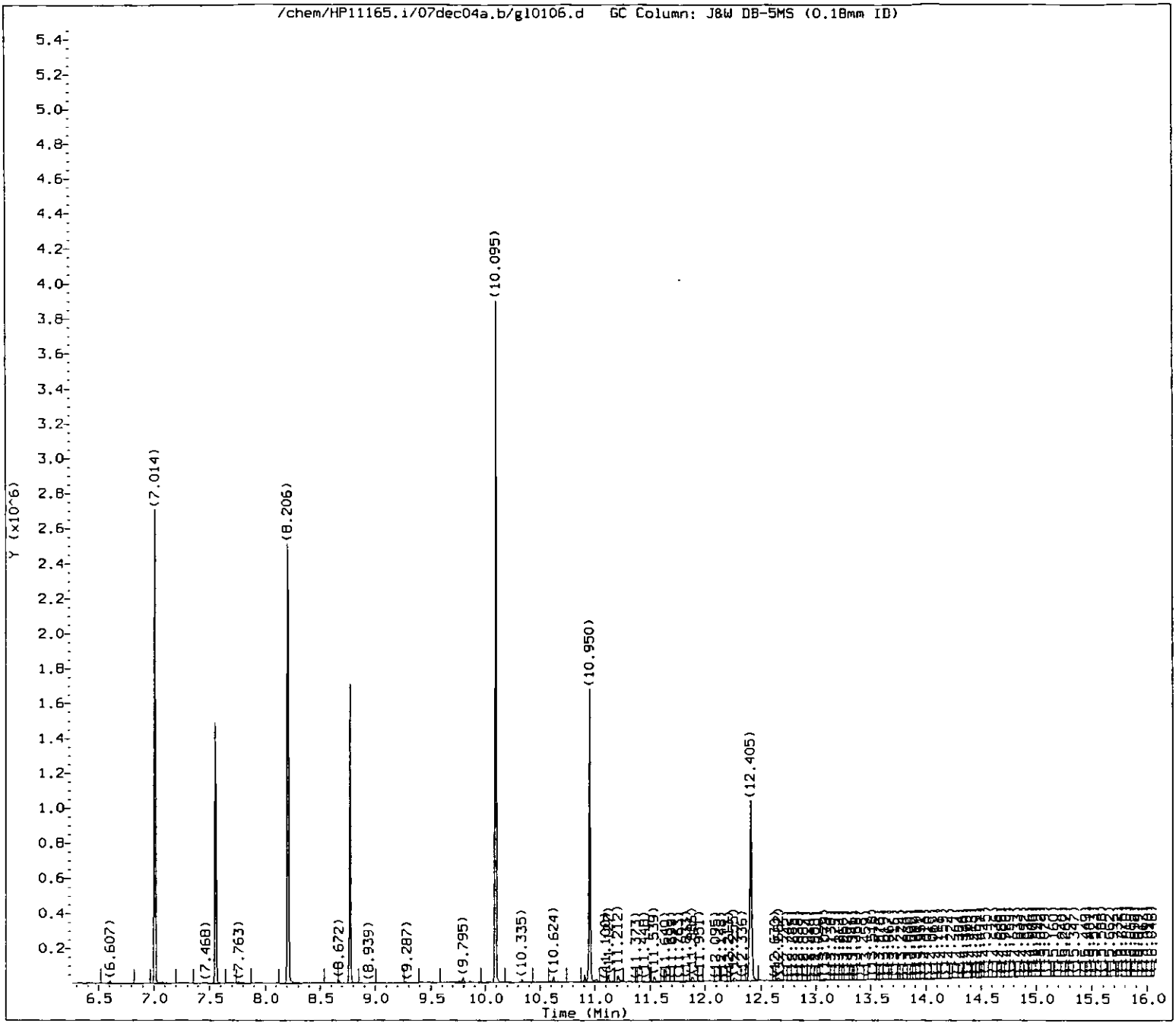
Data File: /chem/HP11165.i/07dec04a.b/g10106.d Instrument ID: HP11165.i
Injection date and time: 05-DEC-2007 00:47 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07dec04a.b/minti.m Sublist used: WTC8
Calibration date and time: 04-DEC-2007 22:50
Date, time and analyst ID of latest file update: 05-Dec-2007 05:18 jmg00346

Sample Name: BCT23 Lab Sample ID: 5223994

8332

JMG/gjd
12-5-07



Quant Report

Target Revision 3.5

Data File: /chem/HP11165.i/07dec04a.b/gl0106.d Instrument ID: HP11165.i
Injection date and time: 05-DEC-2007 00:47 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07dec04a.b/minti.m Sublist used: WTC8
Calibration date and time: 04-DEC-2007 22:50
Date, time and analyst ID of latest file update: 05-Dec-2007 05:18 jmg00346

Sample Name: BCT23 Lab Sample ID: 5223994

JMG 12/6
10-5-07

0333

Quant Report

Target Revision 3.5

Data File: /chem/HP11165.i/07dec04a.b/gl0106.d Instrument ID: HP11165.i
Injection date and time: 05-DEC-2007 00:47 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07dec04a.b/minti.m Sublist used: WTC8
Calibration date and time: 04-DEC-2007 22:50
Date, time and analyst ID of latest file update: 05-Dec-2007 06:24 jmg00346

Sample Name: BCT23 Lab Sample ID: 5223994

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
21) 1,4-Dichlorobenzene-d4	(1)	4.928	152	92283	40.000
52) Naphthalene-d8	(2)	6.078	136	371236	40.000
97) Acenaphthene-d10	(3)	7.554	164	238684	40.000
134) Phenanthrene-d10	(4)	8.773	188	508561	40.000
166) Chrysene-d12	(5)	10.950	240	562025	40.000
174) Perylene-d12	(6)	12.405	264	438350	40.000
9) 2-Fluorophenol	(1)	3.633	112	406969	103.601
15) Phenol-d6	(1)	4.634	99	380843	69.402
38) Nitrobenzene-d5	(2)	5.452	82	442111	88.278
77) 2-Fluorobiphenyl	(3)	7.014	172	709620	88.177
118) 2,4,6-Tribromophenol	(3)	8.212	330	280098	206.585
155) Terphenyl-d14	(5)	10.095	244	911573	74.816

M = Compound was manually integrated. A = User selected an alternate hit

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BC123

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 5223995

Sample wt/vol: 1039 (g/mL)ML Lab File ID: gl0107.d

Level: (low/med) LOW Date Received: 11/30/07

% Moisture: not dec: dec: Date Extracted: 12/04/07

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/05/07

Injection Volume: 1 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Extraction: Sepf

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	LOQ	UG/L	Q
108-95-2	Phenol			5	U
111-44-4	bis(2-Chloroethyl)ether			5	U
95-57-8	2-Chlorophenol			5	U
541-73-1	1,3-Dichlorobenzene			5	U
106-46-7	1,4-Dichlorobenzene			5	U
95-50-1	1,2-Dichlorobenzene			5	U
95-48-7	2-Methylphenol			5	U
108-60-1	2,2'-oxybis(1-Chloropropane)			5	U
621-64-7	N-Nitroso-di-n-propylamine			5	U
106-44-5	4-Methylphenol			5	U
67-72-1	Hexachloroethane			5	U
98-95-3	Nitrobenzene			5	U
78-59-1	Isophorone			5	U
88-75-5	2-Nitrophenol			5	U
105-67-9	2,4-Dimethylphenol			10	U
111-91-1	bis(2-Chloroethoxy)methane			5	U
120-83-2	2,4-Dichlorophenol			5	U
120-82-1	1,2,4-Trichlorobenzene			5	U
91-20-3	Naphthalene			5	U
106-47-8	4-Chloroaniline			5	U
87-68-3	Hexachlorobutadiene			5	U
59-50-7	4-Chloro-3-methylphenol			5	U
91-57-6	2-Methylnaphthalene			5	U
77-47-4	Hexachlorocyclopentadiene			14	U
88-06-2	2,4,6-Trichlorophenol			5	U
95-95-4	2,4,5-Trichlorophenol			5	U
91-58-7	2-Chloronaphthalene			5	U
88-74-4	2-Nitroaniline			5	U
131-11-3	Dimethylphthalate			5	U
606-20-2	2,6-Dinitrotoluene			5	U

8335

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BC123

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 5223995

Sample wt/vol: 1039 (g/mL)ML Lab File ID: gl0107.d

Level: (low/med) LOW Date Received: 11/30/07

% Moisture: not dec: dec: Date Extracted: 12/04/07

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/05/07

Injection Volume: 1 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Extraction: Sepf

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	LOQ	UG/L	Q
208-96-8	Acenaphthylene		5	U	
99-09-2	3-Nitroaniline		5	U	
83-32-9	Acenaphthene		5	U	
51-28-5	2,4-Dinitrophenol		58	U	
100-02-7	4-Nitrophenol		29	U	
132-64-9	Dibenzofuran		5	U	
121-14-2	2,4-Dinitrotoluene		5	U	
84-66-2	Diethylphthalate		5	U	
86-73-7	Fluorene		5	U	
7005-72-3	4-Chlorophenyl-phenylether		5	U	
100-01-6	4-Nitroaniline		5	U	
534-52-1	4,6-Dinitro-2-methylphenol		14	U	
86-30-6	N-Nitrosodiphenylamine		5	U	
101-55-3	4-Bromophenyl-phenylether		5	U	
118-74-1	Hexachlorobenzene		5	U	
87-86-5	Pentachlorophenol		14	U	
85-01-8	Phenanthrene		5	U	
120-12-7	Anthracene		5	U	
86-74-8	Carbazole		5	U	
84-74-2	Di-n-butylphthalate		5	U	
206-44-0	Fluoranthene		5	U	
129-00-0	Pyrene		5	U	
85-68-7	Butylbenzylphthalate		5	U	
91-94-1	3,3'-Dichlorobenzidine		5	U	
56-55-3	Benzo(a)anthracene		5	U	
218-01-9	Chrysene		5	U	
117-81-7	bis(2-Ethylhexyl)phthalate		5	U	
117-84-0	Di-n-octylphthalate		5	U	
205-99-2	Benzo(b)fluoranthene		5	U	
207-08-9	Benzo(k)fluoranthene		5	U	

8336

1C cont

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BC123

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 5223995

Sample wt/vol: 1039 (g/mL) ML Lab File ID: gl0107.d

Level: (low/med) LOW Date Received: 11/30/07

% Moisture: not dec: dec: Date Extracted: 12/04/07

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/05/07

Injection Volume: 1 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Extraction: Sepf

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	LOQ	UG/L	Q
50-32-8	Benzo(a)pyrene			5	U
193-39-5	Indeno(1,2,3-cd)pyrene			5	U
53-70-3	Dibenz(a,h)anthracene			5	U
191-24-2	Benzo(g,h,i)perylene			5	U

9337

BC123

Lancaster Labs
Quantitation Report GC/MS Semi-Volatiles

5223995

Data file: /chem/HP11165.i/07dec04a.b/gl0107.d Blank Data file reference:**/chem/HP11165.i/07dec04a.b/gl0092.d**
Injection date and time: 05-DEC-2007 01:12 Instrument ID: HP11165.i Batch: 07337WAD
Date, time and analyst ID of latest file update: 05-Dec-2007 06:32 jmg00346

Method used: /chem/HP11165.i/07dec04a.b/minti.m Sublist used: **WTC8**
Calibration date and time (Last Method Edit): 04-DEC-2007 22:50
Mid Level Daily Calibration Standard Reference: /chem/HP11165.i/07dec04a.b/gl0091.d

Sample Concentration Formula: On-Column Amount * DF * Uf * Vt/(Vo * Vi) Matrix: WATER GPC Cleanup: No

Dilution Factor (DF): 1 Unit Correction Factor (Uf): 1 Volume Injected (Vi): 1 ul
GPC Cleanup Factor (gpcf): 1 Sample Volume (Vo): 1039.0 ml Final Extract Volume (Vt): 1000 ul

Internal Standards	RT (+/-RT)	Scan	QIon	Area (+/- %Area)	Conc (ng/ul)	QC Flag
21) 1,4-Dichlorobenzene-d4	4.928 (0.000)	634	152.0	92966 (-18)	40.00	
52) Naphthalene-d8	6.078 (0.005)	849	136.0	377720 (-23)	40.00	
97) Acenaphthene-d10	7.554 (0.011)	1125	164.0	247950 (-22)	40.00	
134) Phenanthrene-d10	8.773 (0.011)	1353	188.0	516301 (-19)	40.00	
166) Chrysene-d12	10.961 (0.005)	1762	240.0	555239 (-23)	40.00	
174) Perylene-d12	12.410 (0.011)	2033	264.0	438216 (-23)	40.00	

= RETENTION TIME OUT OF RANGE * = INTERNAL STANDARD OUT OF RANGE NC = NOT ABLE TO CALCULATE

Surrogate Standards	I.S. Ref.	RT (+/-RRT)	QIon	Area	Conc. (on column)	%Rec.	QC flags	QC Limits
9) 2-Fluorophenol	(1)	3.633 (0.002)	112	403852	102.052	51%		10 - 103
15) Phenol-d6	(1)	4.634 (0.002)	99	380978	68.916	34%		10 - 82
38) Nitrobenzene-d5	(2)	5.452 (0.000)	82	442243	86.789	87%		51 - 123
77) 2-Fluorobiphenyl	(3)	7.014 (-0.001)	172	726491	86.900	87%		63 - 118
118) 2,4,6-Tribromophenol	(3)	8.212 (-0.001)	330	281782	200.060	100%		20 - 159
155) Terphenyl-d14	(5)	10.095 (0.000)	244	891991	74.104	74%		52 - 151

= RELATIVE RETENTION TIME OUT OF RANGE * = PERCENT REC.OUT OF RANGE D = DILUTED OUT NC = NOT ABLE TO CALCULATE

Target Compounds	I.S. Ref.	RT (+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit (ng/ul)
16) Phenol	(1)				Below MDL, Do not report				1.00
18) bis(2-Chloroethyl)ether	(1)				ND	ND			1.00
19) 2-Chlorophenol	(1)				ND	ND			1.00
20) 1,3-Dichlorobenzene	(1)				ND	ND			1.00
22) 1,4-Dichlorobenzene	(1)				ND	ND			1.00
25) 1,2-Dichlorobenzene	(1)				ND	ND			1.00
26) 2-Methylphenol	(1)				Below MDL, Do not report				1.00
27) 2,2'-oxybis(1-Chloropropane)	(1)				Below MDL, Do not report				1.00
31) N-Nitroso-di-n-propylamine	(1)				ND	ND			1.00
33) 4-Methylphenol	(1)				Below MDL, Do not report				2.00
37) Hexachloroethane	(1)				ND	ND			1.00
39) Nitrobenzene	(2)				Below MDL, Do not report				1.00
41) Isophorone	(2)				Below MDL, Do not report				1.00
42) 2-Nitrophenol	(2)				ND	ND			1.00
44) 2,4-Dimethylphenol	(2)				Below MDL, Do not report				3.00
46) bis(2-Chloroethoxy)methane	(2)				Below MDL, Do not report				1.00
49) 2,4-Dichlorophenol	(2)				Below MDL, Do not report				1.00
50) 1,2,4-Trichlorobenzene	(2)				ND	ND			1.00
53) Naphthalene	(2)				Below MDL, Do not report				1.00
55) 4-Chloroaniline	(2)				ND	ND			1.00
59) Hexachlorobutadiene	(2)				ND	ND			1.00
67) 4-Chloro-3-methylphenol	(2)				ND	ND			1.00
69) 2-Methylnaphthalene	(2)				Below MDL, Do not report				1.00

BC123

Lancaster Labs
Quantitation Report GC/MS Semi-Volatiles

5223995

Data file: /chem/HP11165.i/07dec04a.b/g10107.d Blank Data file reference:**/chem/HP11165.i/07dec04a.b/g10092.d**
Injection date and time: 05-DEC-2007 01:12 Instrument ID: HP11165.i Batch: 07337WAD
Date, time and analyst ID of latest file update: 05-Dec-2007 06:32 jmg00346

Method used: /chem/HP11165.i/07dec04a.b/minti.m Sublist used: **WTC8**
Calibration date and time (Last Method Edit): 04-DEC-2007 22:50
Mid Level Daily Calibration Standard Reference: /chem/HP11165.i/07dec04a.b/g10091.d

Sample Concentration Formula: On-Column Amount * DF * Uf * Vt/(Vo * Vi) Matrix: WATER GPC Cleanup: No

Dilution Factor (DF): 1 Unit Correction Factor (Uf): 1 Volume Injected (Vi): 1 ul
GPC Cleanup Factor (gpcf): 1 Sample Volume (Vo): 1039.0 ml Final Extract Volume (Vt): 1000 ul

Target Compounds	I.S. Ref.	RT	(+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit (ng/ul)
71) Hexachlorocyclopentadiene	(3)					ND	ND			5.00
74) 2,4,6-Trichlorophenol	(3)					Below MDL, Do not report				1.00
76) 2,4,5-Trichlorophenol	(3)					Below MDL, Do not report				1.00
83) 2-Chloronaphthalene	(3)					Below MDL, Do not report				2.00
88) 2-Nitroaniline	(3)					Below MDL, Do not report				1.00
91) Dimethylphthalate	(3)					ND	ND			2.00
93) 2,6-Dinitrotoluene	(3)					ND	ND			1.00
94) Acenaphthylene	(3)					Below MDL, Do not report				1.00
96) 3-Nitroaniline	(3)					Below MDL, Do not report				1.00
98) Acenaphthene	(3)					Below MDL, Do not report				1.00
99) 2,4-Dinitrophenol	(3)					ND	ND			20.00
102) 4-Nitrophenol	(3)					Below MDL, Do not report				10.00
103) Dibenzofuran	(3)					Below MDL, Do not report				1.00
104) 2,4-Dinitrotoluene	(3)					ND	ND			1.00
108) Diethylphthalate	(3)					Below MDL, Do not report				2.00
110) Fluorene	(3)					ND	ND			1.00
111) 4-Chlorophenyl-phenylether	(3)					ND	ND			2.00
113) 4-Nitroaniline	(3)					Below MDL, Do not report				1.00
114) 4,6-Dinitro-2-methylphenol	(4)					ND	ND			5.00
116) N-Nitrosodiphenylamine	(4)					Below MDL, Do not report				2.00
124) 4-Bromophenyl-phenylether	(4)					ND	ND			1.00
126) Hexachlorobenzene	(4)					ND	ND			1.00
130) Pentachlorophenol	(4)					ND	ND			3.00
136) Phenanthrene	(4)					Below MDL, Do not report				1.00
137) Anthracene	(4)					Below MDL, Do not report				1.00
139) Carbazole	(4)					Below MDL, Do not report				1.00
141) Di-n-butylphthalate	(4)					Below MDL, Do not report				2.00
146) Fluoranthene	(4)					Below MDL, Do not report				1.00
153) Pyrene	(5)					Below MDL, Do not report				1.00
160) Butylbenzylphthalate	(5)					Below MDL, Do not report				2.00
163) 3,3'-Dichlorobenzidine	(5)					Below MDL, Do not report				2.00
165) Benzo(a)anthracene	(5)					Below MDL, Do not report				1.00
167) Chrysene	(5)					Below MDL, Do not report				1.00
168) bis(2-Ethylhexyl)phthalate	(5)					Below MDL, Do not report				2.00
169) Di-n-octylphthalate	(6)					ND	ND			2.00
171) Benzo(b)fluoranthene	(6)					Below MDL, Do not report				1.00
172) Benzo(k)fluoranthene	(6)					Below MDL, Do not report				1.00
173) Benzo(a)pyrene	(6)					Below MDL, Do not report				1.00
176) Indeno(1,2,3-cd)pyrene	(6)					Below MDL, Do not report				1.00
177) Dibenz(a,h)anthracene	(6)					Below MDL, Do not report				1.00
178) Benzo(g,h,i)perylene	(6)					Below MDL, Do not report				1.00

BC123

Lancaster Labs
Quantitation Report GC/MS Semi-Volatiles

5223995

Data file: /chem/HP11165.i/07dec04a.b/gl0107.d Blank Data file reference:**/chem/HP11165.i/07dec04a.b/gl0092.d**
Injection date and time: 05-DEC-2007 01:12 Instrument ID: HP11165.i Batch: 07337WAD
Date, time and analyst ID of latest file update: 05-Dec-2007 06:32 jmg00346

Method used: /chem/HP11165.i/07dec04a.b/minti.m Sublist used: **WTC8**
Calibration date and time (Last Method Edit): 04-DEC-2007 22:50
Mid Level Daily Calibration Standard Reference: /chem/HP11165.i/07dec04a.b/gl0091.d

Sample Concentration Formula: On-Column Amount * DF * Uf * Vt/(Vo * Vi) Matrix: WATER GPC Cleanup: No

Dilution Factor (DF): 1 Unit Correction Factor (Uf): 1 Volume Injected (Vi): 1 ul
GPC Cleanup Factor (gpcf): 1 Sample Volume (Vo): 1039.0 ml Final Extract Volume (Vt): 1000 ul

Target Compounds	I.S. Ref.	RT	(+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit (ng/ul)

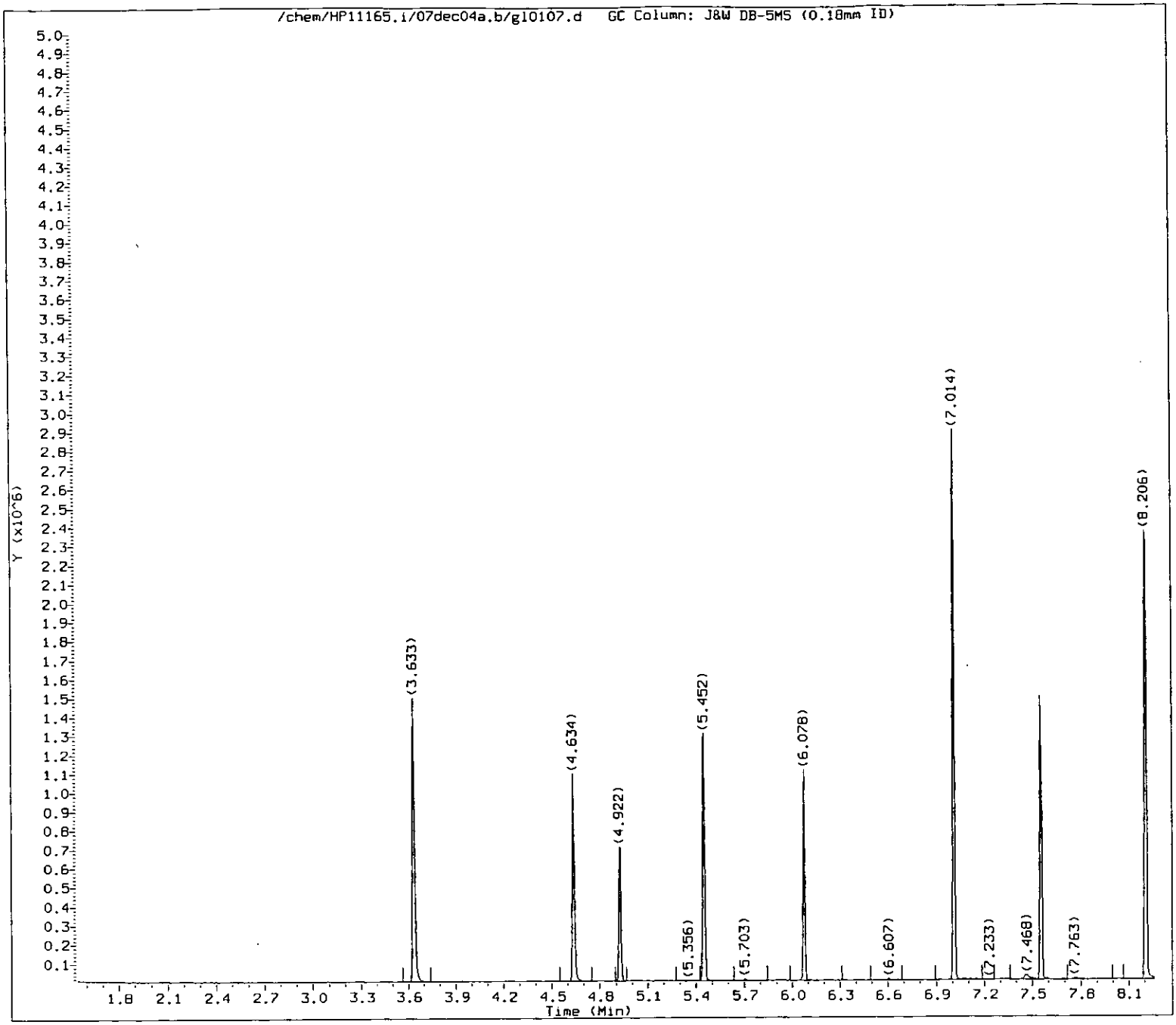
E = CONC. OUT OF CAL. RANGE # = RELATIVE RETENTION TIME OUT OF RANGE

Total number of targets = 64

Comments:

Analyst: Date: 12-5-07
Auditor: Date: 12/5/07

0348



Quant Report

Target Revision 3.5

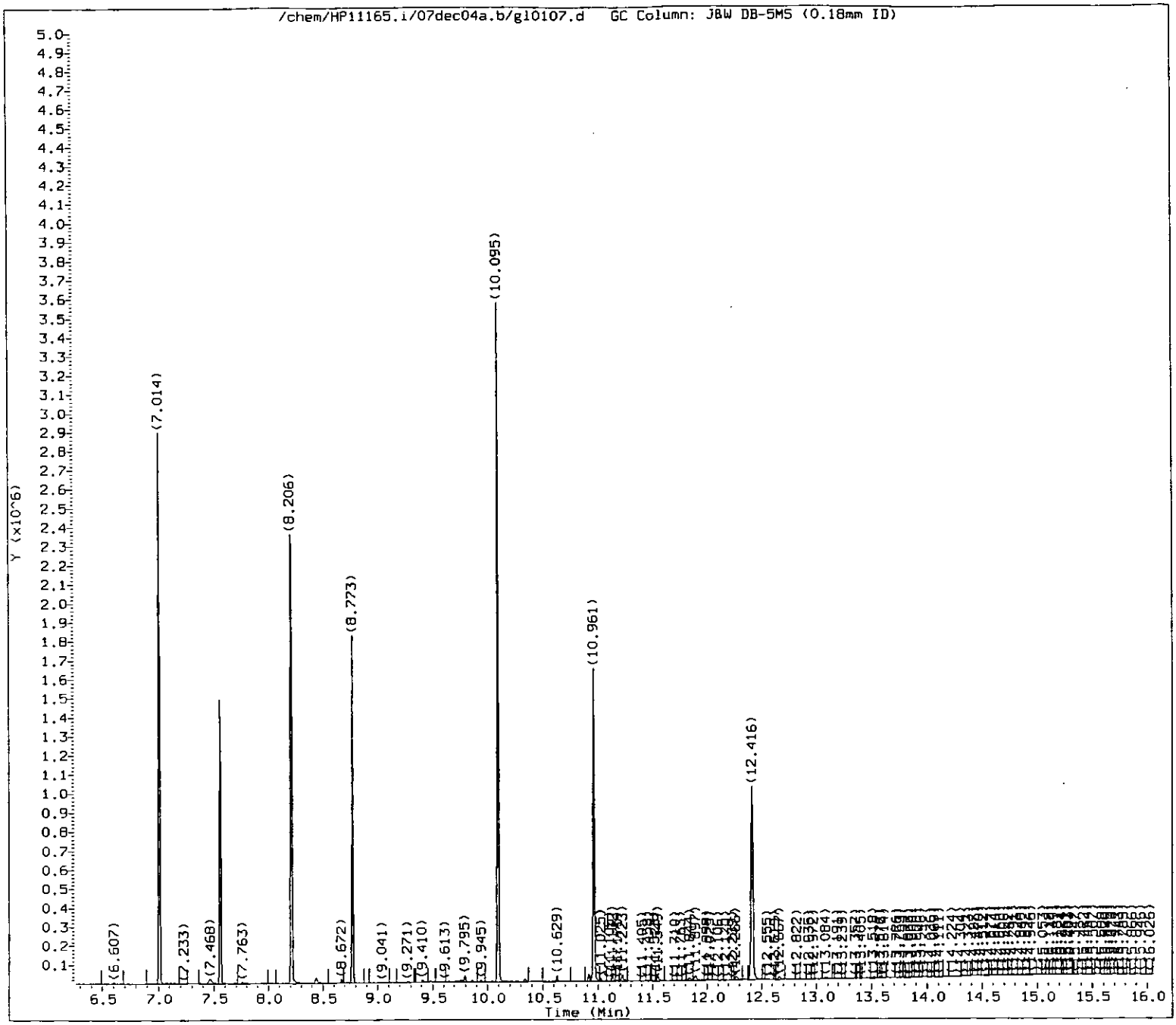
Data File: /chem/HP11165.i/07dec04a.b/gl0107.d Instrument ID: HP11165.i
Injection date and time: 05-DEC-2007 01:12 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07dec04a.b/minti.m Sublist used: WTC8
Calibration date and time: 04-DEC-2007 22:50
Date, time and analyst ID of latest file update: 05-Dec-2007 05:19 jmg00346

Sample Name: BC123 Lab Sample ID: 5223995

JMG/gtb
12-5-07

8341



Quant Report

Target Revision 3.5

Data File: /chem/HP11165.i/07dec04a.b/gl0107.d Instrument ID: HP11165.i
Injection date and time: 05-DEC-2007 01:12 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07dec04a.b/minti.m Sublist used: WTC8
Calibration date and time: 04-DEC-2007 22:50
Date, time and analyst ID of latest file update: 05-Dec-2007 05:19 jmg00346

Sample Name: BC123 Lab Sample ID: 5223995

0342

JM6/5/46
12.5.07

Quant Report

Target Revision 3.5

Data File: /chem/HP11165.i/07dec04a.b/gl0107.d Instrument ID: HP11165.i
Injection date and time: 05-DEC-2007 01:12 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07dec04a.b/minti.m Sublist used: WTC8
Calibration date and time: 04-DEC-2007 22:50
Date, time and analyst ID of latest file update: 05-Dec-2007 06:32 jmg00346

Sample Name: BC123 Lab Sample ID: 5223995

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
21) 1,4-Dichlorobenzene-d4	(1)	4.928	152	92966	40.000
52) Naphthalene-d8	(2)	6.078	136	377720	40.000
97) Acenaphthene-d10	(3)	7.554	164	247950	40.000
134) Phenanthrene-d10	(4)	8.773	188	516301	40.000
166) Chrysene-d12	(5)	10.961	240	555239	40.000
174) Perylene-d12	(6)	12.410	264	438216	40.000
9) 2-Fluorophenol	(1)	3.633	112	403852	102.052
15) Phenol-d6	(1)	4.634	99	380978	68.916
38) Nitrobenzene-d5	(2)	5.452	82	442243	86.789
77) 2-Fluorobiphenyl	(3)	7.014	172	726491	86.900
118) 2,4,6-Tribromophenol	(3)	8.212	330	281782	200.060
155) Terphenyl-d14	(5)	10.095	244	891991	74.104

M = Compound was manually integrated. A = User selected an alternate hit

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCT05

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 5223996

Sample wt/vol: 947 (g/mL)ML Lab File ID: gl0108.d

Level: (low/med) LOW Date Received: 11/30/07

% Moisture: not dec: dec: Date Extracted: 12/04/07

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/05/07

Injection Volume: 1 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Extraction: Sepf

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	LOQ	UG/L	Q
108-95-2	Phenol			5	U
111-44-4	bis(2-Chloroethyl)ether			5	U
95-57-8	2-Chlorophenol			5	U
541-73-1	1,3-Dichlorobenzene			5	U
106-46-7	1,4-Dichlorobenzene			5	U
95-50-1	1,2-Dichlorobenzene			5	U
95-48-7	2-Methylphenol			5	U
108-60-1	2,2'-oxybis(1-Chloropropane)			5	U
621-64-7	N-Nitroso-di-n-propylamine			5	U
106-44-5	4-Methylphenol			5	U
67-72-1	Hexachloroethane			5	U
98-95-3	Nitrobenzene			5	U
78-59-1	Isophorone			5	U
88-75-5	2-Nitrophenol			5	U
105-67-9	2,4-Dimethylphenol			11	U
111-91-1	bis(2-Chloroethoxy)methane			5	U
120-83-2	2,4-Dichlorophenol			5	U
120-82-1	1,2,4-Trichlorobenzene			5	U
91-20-3	Naphthalene			5	U
106-47-8	4-Chloroaniline			5	U
87-68-3	Hexachlorobutadiene			5	U
59-50-7	4-Chloro-3-methylphenol			5	U
91-57-6	2-Methylnaphthalene			5	U
77-47-4	Hexachlorocyclopentadiene			16	U
88-06-2	2,4,6-Trichlorophenol			5	U
95-95-4	2,4,5-Trichlorophenol			5	U
91-58-7	2-Chloronaphthalene			5	U
88-74-4	2-Nitroaniline			5	U
131-11-3	Dimethylphthalate			5	U
606-20-2	2,6-Dinitrotoluene			5	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCT05

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 5223996

Sample wt/vol: 947 (g/mL) ML Lab File ID: gl0108.d

Level: (low/med) LOW Date Received: 11/30/07

% Moisture: not dec: dec: Date Extracted: 12/04/07

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/05/07

Injection Volume: 1 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Extraction: Sepf

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	LOQ	UG/L	Q
208-96-8	Acenaphthylene			5	U
99-09-2	3-Nitroaniline			5	U
83-32-9	Acenaphthene			5	U
51-28-5	2,4-Dinitrophenol			63	U
100-02-7	4-Nitrophenol			32	U
132-64-9	Dibenzofuran			5	U
121-14-2	2,4-Dinitrotoluene			5	U
84-66-2	Diethylphthalate			5	U
86-73-7	Fluorene			5	U
7005-72-3	4-Chlorophenyl-phenylether			5	U
100-01-6	4-Nitroaniline			5	U
534-52-1	4,6-Dinitro-2-methylphenol			16	U
86-30-6	N-Nitrosodiphenylamine			5	U
101-55-3	4-Bromophenyl-phenylether			5	U
118-74-1	Hexachlorobenzene			5	U
87-86-5	Pentachlorophenol			16	U
85-01-8	Phenanthrene			5	U
120-12-7	Anthracene			5	U
86-74-8	Carbazole			5	U
84-74-2	Di-n-butylphthalate			5	U
206-44-0	Fluoranthene			5	U
129-00-0	Pyrene			5	U
85-68-7	Butylbenzylphthalate			5	U
91-94-1	3,3'-Dichlorobenzidine			5	U
56-55-3	Benzo(a)anthracene			5	U
218-01-9	Chrysene			5	U
117-81-7	bis(2-Ethylhexyl)phthalate			5	U
117-84-0	Di-n-octylphthalate			5	U
205-99-2	Benzo(b)fluoranthene			5	U
207-08-9	Benzo(k)fluoranthene			5	U

8345

1C cont

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCT05

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 5223996

Sample wt/vol: 947 (g/mL)ML Lab File ID: gl0108.d

Level: (low/med) LOW Date Received: 11/30/07

% Moisture: not dec: dec: Date Extracted: 12/04/07

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/05/07

Injection Volume: 1 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Extraction: Sepf

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	LOQ	UG/L	Q
50-32-8	Benzo(a)pyrene		5	U	
193-39-5	Indeno(1,2,3-cd)pyrene		5	U	
53-70-3	Dibenz(a,h)anthracene		5	U	
191-24-2	Benzo(g,h,i)perylene		5	U	

8346

BCT05

Lancaster Labs
Quantitation Report GC/MS Semi-Volatiles

5223996

Data file: /chem/HP11165.i/07dec04a.b/gl0108.d Blank Data file reference:**/chem/HP11165.i/07dec04a.b/gl0092.d**
Injection date and time: 05-DEC-2007 02:03 Instrument ID: HP11165.i Batch: 07337WAD
Date, time and analyst ID of latest file update: 05-Dec-2007 06:48 jmg00346

Method used: /chem/HP11165.i/07dec04a.b/minti.m Sublist used: **WTC8**
Calibration date and time (Last Method Edit): 04-DEC-2007 22:50
Mid Level Daily Calibration Standard Reference: /chem/HP11165.i/07dec04a.b/gl0091.d

Sample Concentration Formula: On-Column Amount * DF * Uf * Vt/(Vo * Vi) Matrix: WATER GPC Cleanup: No

Dilution Factor (DF): 1 Unit Correction Factor (Uf): 1 Volume Injected (Vi): 1 ul
GPC Cleanup Factor (gpcf): 1 Sample Volume (Vo): 947.0 ml Final Extract Volume (Vt): 1000 ul

Internal Standards	RT (+/-RT)	Scan	QIon	Area (+/- %Area)	Conc (ng/ul)	QC Flag
21) 1,4-Dichlorobenzene-d4	4.922(0.005)	633	152.0	99160(-12)	40.00	
52) Naphthalene-d8	6.078(0.005)	849	136.0	397218(-19)	40.00	
97) Acenaphthene-d10	7.559(0.005)	1126	164.0	265512(-16)	40.00	
134) Phenanthrene-d10	8.773(0.011)	1353	188.0	546717(-15)	40.00	
166) Chrysene-d12	10.972(-0.005)	1764	240.0	588952(-19)	40.00	
174) Perylene-d12	12.427(-0.005)	2036	264.0	458774(-20)	40.00	

= RETENTION TIME OUT OF RANGE * = INTERNAL STANDARD OUT OF RANGE NC = NOT ABLE TO CALCULATE

Surrogate Standards	I.S. Ref.	RT (+/-RRT)	QIon	Area	Conc. (on column)	%Rec.	QC flags	QC Limits
9) 2-Fluorophenol	(1)	3.628(0.002)	112	450007	106.612	53%		10 - 103
15) Phenol-d6	(1)	4.634(0.001)	99	435514	73.860	37%		10 - 82
38) Nitrobenzene-d5	(2)	5.452(0.000)	82	460492	85.934	86%		51 - 123
77) 2-Fluorobiphenyl	(3)	7.014(0.000)	172	744038	83.112	83%		63 - 118
118) 2,4,6-Tribromophenol	(3)	8.212(0.000)	330	316419	209.793	105%		20 - 159
155) Terphenyl-d14	(5)	10.100(0.000)	244	903729	70.781	71%		52 - 151

= RELATIVE RETENTION TIME OUT OF RANGE * = PERCENT REC.OUT OF RANGE D = DILUTED OUT NC = NOT ABLE TO CALCULATE

Target Compounds	I.S. Ref.	RT (+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit (ng/ul)
16) Phenol	(1)			Below MDL, Do not report					1.00
18) bis(2-Chloroethyl)ether	(1)			ND		ND			1.00
19) 2-Chlorophenol	(1)			ND		ND			1.00
20) 1,3-Dichlorobenzene	(1)			ND		ND			1.00
22) 1,4-Dichlorobenzene	(1)			ND		ND			1.00
25) 1,2-Dichlorobenzene	(1)			ND		ND			1.00
26) 2-Methylphenol	(1)			Below MDL, Do not report					1.00
27) 2,2'-oxybis(1-Chloropropane)	(1)			Below MDL, Do not report					1.00
31) N-Nitroso-di-n-propylamine	(1)			ND		ND			1.00
33) 4-Methylphenol	(1)			Below MDL, Do not report					2.00
37) Hexachloroethane	(1)			ND		ND			1.00
39) Nitrobenzene	(2)			Below MDL, Do not report					1.00
41) Isophorone	(2)			Below MDL, Do not report					1.00
42) 2-Nitrophenol	(2)			ND		ND			1.00
44) 2,4-Dimethylphenol	(2)			Below MDL, Do not report					3.00
46) bis(2-Chloroethoxy)methane	(2)			Below MDL, Do not report					1.00
49) 2,4-Dichlorophenol	(2)			Below MDL, Do not report					1.00
50) 1,2,4-Trichlorobenzene	(2)			ND		ND			1.00
53) Naphthalene	(2)			Below MDL, Do not report					1.00
55) 4-Chloroaniline	(2)			ND		ND			1.00
59) Hexachlorobutadiene	(2)			ND		ND			1.00
67) 4-Chloro-3-methylphenol	(2)			ND		ND			1.00
69) 2-Methylnaphthalene	(2)			Below MDL, Do not report					1.00

BCT05

Lancaster Labs
Quantitation Report GC/MS Semi-Volatiles

5223996

Data file: /chem/HP11165.i/07dec04a.b/gl0108.d Blank Data file reference:/chem/HP11165.i/07dec04a.b/gl0092.d
Injection date and time: 05-DEC-2007 02:03 Instrument ID: HP11165.i Batch: 07337WAD
Date, time and analyst ID of latest file update: 05-Dec-2007 06:48 jmg00346

Method used: /chem/HP11165.i/07dec04a.b/minti.m Sublist used: WTC8
Calibration date and time (Last Method Edit): 04-DEC-2007 22:50
Mid Level Daily Calibration Standard Reference: /chem/HP11165.i/07dec04a.b/gl0091.d

Sample Concentration Formula: On-Column Amount * DF * Uf * Vt/(Vo * Vi) Matrix: WATER GPC Cleanup: No

Dilution Factor (DF): 1 Unit Correction Factor (Uf): 1 Volume Injected (Vi): 1 ul
GPC Cleanup Factor (gpcf): 1 Sample Volume (Vo): 947.0 ml Final Extract Volume (Vt): 1000 ul

Target Compounds	I.S. Ref.	RT	(+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit (ng/ul)
71) Hexachlorocyclopentadiene	(3)					ND	ND			5.00
74) 2,4,6-Trichlorophenol	(3)					Below MDL, Do not report				1.00
76) 2,4,5-Trichlorophenol	(3)					Below MDL, Do not report				1.00
83) 2-Chloronaphthalene	(3)					Below MDL, Do not report				2.00
88) 2-Nitroaniline	(3)					Below MDL, Do not report				1.00
91) Dimethylphthalate	(3)					ND	ND			2.00
93) 2,6-Dinitrotoluene	(3)					ND	ND			1.00
94) Acenaphthylene	(3)					Below MDL, Do not report				1.00
96) 3-Nitroaniline	(3)					Below MDL, Do not report				1.00
98) Acenaphthene	(3)					Below MDL, Do not report				1.00
99) 2,4-Dinitrophenol	(3)					Below MDL, Do not report				20.00
102) 4-Nitrophenol	(3)					Below MDL, Do not report				10.00
103) Dibenzofuran	(3)					Below MDL, Do not report				1.00
104) 2,4-Dinitrotoluene	(3)					ND	ND			1.00
108) Diethylphthalate	(3)					Below MDL, Do not report				2.00
110) Fluorene	(3)					ND	ND			1.00
111) 4-Chlorophenyl-phenylether	(3)					ND	ND			2.00
113) 4-Nitroaniline	(3)					Below MDL, Do not report				1.00
114) 4,6-Dinitro-2-methylphenol	(4)					ND	ND			5.00
116) N-Nitrosodiphenylamine	(4)					Below MDL, Do not report				2.00
124) 4-Bromophenyl-phenylether	(4)					ND	ND			1.00
126) Hexachlorobenzene	(4)					ND	ND			1.00
130) Pentachlorophenol	(4)					ND	ND			3.00
136) Phenanthrene	(4)					Below MDL, Do not report				1.00
137) Anthracene	(4)					Below MDL, Do not report				1.00
139) Carbazole	(4)					Below MDL, Do not report				1.00
141) Di-n-butylphthalate	(4)					Below MDL, Do not report				2.00
146) Fluoranthene	(4)					Below MDL, Do not report				1.00
153) Pyrene	(5)					Below MDL, Do not report				1.00
160) Butylbenzylphthalate	(5)					Below MDL, Do not report				2.00
163) 3,3'-Dichlorobenzidine	(5)					Below MDL, Do not report				2.00
165) Benzo(a)anthracene	(5)					Below MDL, Do not report				1.00
167) Chrysene	(5)					Below MDL, Do not report				1.00
168) bis(2-Ethylhexyl)phthalate	(5)					Below MDL, Do not report				2.00
169) Di-n-octylphthalate	(6)					ND	ND			2.00
171) Benzo(b)fluoranthene	(6)					Below MDL, Do not report				1.00
172) Benzo(k)fluoranthene	(6)					Below MDL, Do not report				1.00
173) Benzo(a)pyrene	(6)					Below MDL, Do not report				1.00
176) Indeno(1,2,3-cd)pyrene	(6)					Below MDL, Do not report				1.00
177) Dibenz(a,h)anthracene	(6)					ND	ND			1.00
178) Benzo(g,h,i)perylene	(6)					Below MDL, Do not report				1.00

8348

BCT05

Lancaster Labs
Quantitation Report GC/MS Semi-Volatiles

5223996

Data file: /chem/HP11165.i/07dec04a.b/gl0108.d Blank Data file reference:**/chem/HP11165.i/07dec04a.b/gl0092.d**
Injection date and time: 05-DEC-2007 02:03 Instrument ID: HP11165.i Batch: 07337WAD
Date, time and analyst ID of latest file update: 05-Dec-2007 06:48 jmg00346

Method used: /chem/HP11165.i/07dec04a.b/minti.m Sublist used: **WTC8**
Calibration date and time (Last Method Edit): 04-DEC-2007 22:50
Mid Level Daily Calibration Standard Reference: /chem/HP11165.i/07dec04a.b/gl0091.d

Sample Concentration Formula: On-Column Amount * DF * Uf * Vt/(Vo * Vi) Matrix: WATER GPC Cleanup: No

Dilution Factor (DF): 1 Unit Correction Factor (Uf): 1 Volume Injected (Vi): 1 ul
GPC Cleanup Factor (gpcf): 1 Sample Volume (Vo): 947.0 ml Final Extract Volume (Vt): 1000 ul

Target Compounds	I.S. Ref.	RT	(+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit (ng/ul)

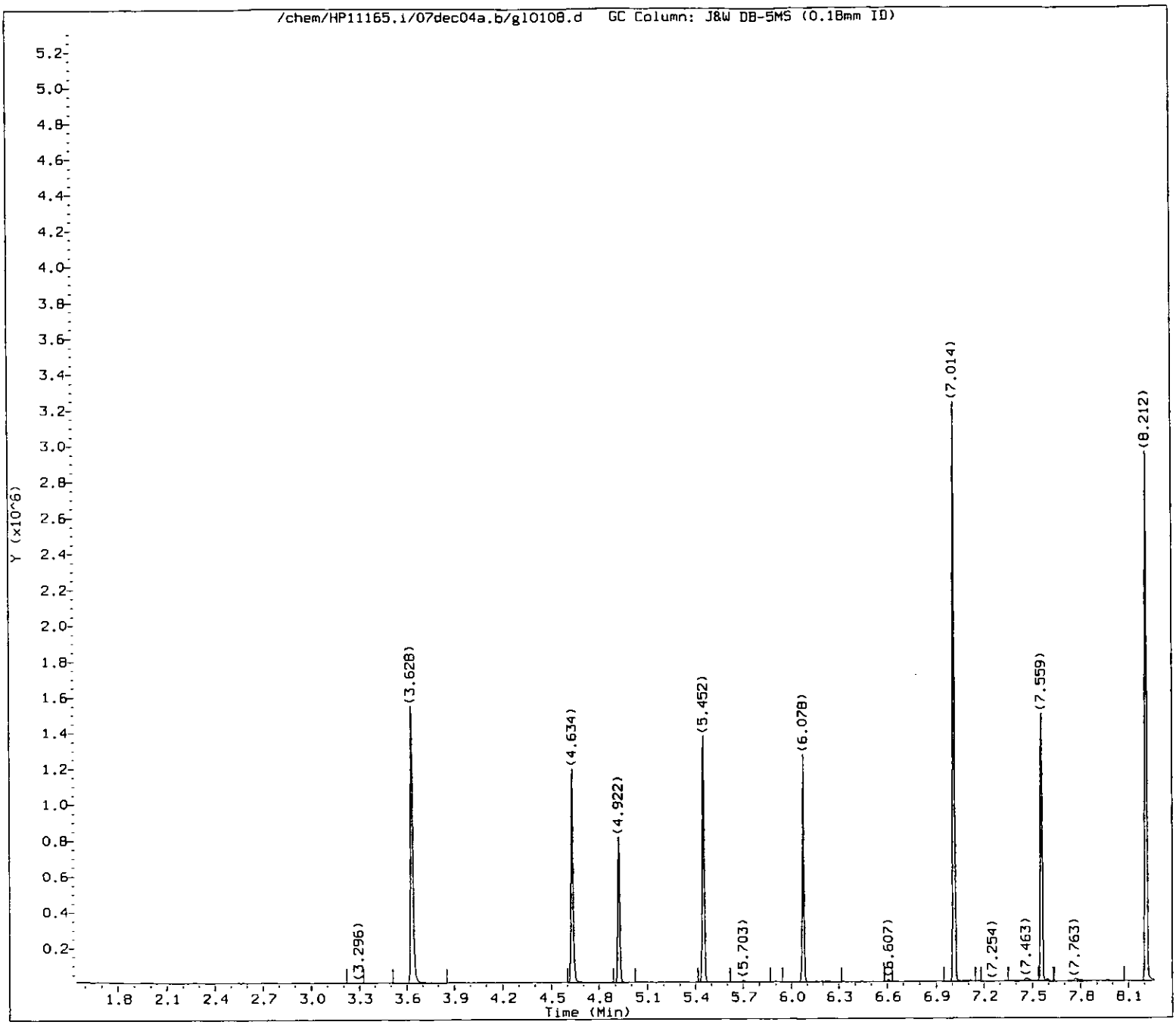
E = CONC. OUT OF CAL. RANGE # = RELATIVE RETENTION TIME OUT OF RANGE

Total number of targets = 64

Comments: 341

Analyst: Date: 12-5-07
Auditor: Date: 12/7/07

0349



Quant Report

Target Revision 3.5

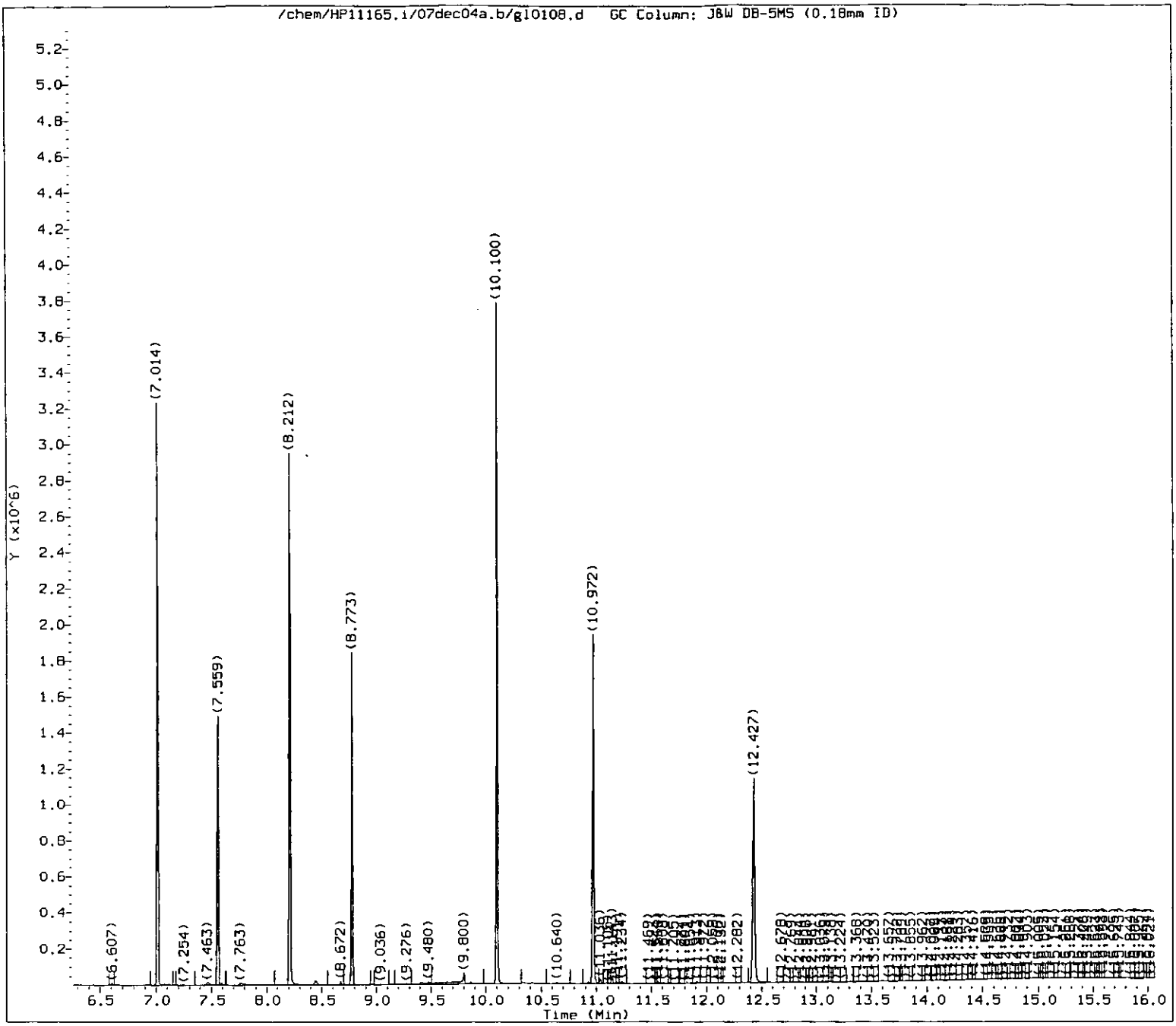
Data File: /chem/HP11165.i/07dec04a.b/gl0108.d Instrument ID: HP11165.i
Injection date and time: 05-DEC-2007 02:03 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07dec04a.b/minti.m Sublist used: WTC8
Calibration date and time: 04-DEC-2007 22:50
Date, time and analyst ID of latest file update: 05-Dec-2007 05:20 jmg00346

Sample Name: BCT05 Lab Sample ID: 5223996

JMG 12-5-07

0358



Quant Report

Target Revision 3.5

Data File: /chem/HP11165.i/07dec04a.b/gl0108.d Instrument ID: HP11165.i
Injection date and time: 05-DEC-2007 02:03 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07dec04a.b/minti.m Sublist used: WTC8
Calibration date and time: 04-DEC-2007 22:50
Date, time and analyst ID of latest file update: 05-Dec-2007 05:20 jmg00346

Sample Name: BCT05 Lab Sample ID: 5223996

8351

JMG 5/6
12-5-07

Quant Report

Target Revision 3.5

Data File: /chem/HP11165.i/07dec04a.b/gl0108.d Instrument ID: HP11165.i
Injection date and time: 05-DEC-2007 02:03 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07dec04a.b/minti.m Sublist used: WTC8
Calibration date and time: 04-DEC-2007 22:50
Date, time and analyst ID of latest file update: 05-Dec-2007 06:48 jmg00346

Sample Name: BCT05 Lab Sample ID: 5223996

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
21) 1,4-Dichlorobenzene-d4	(1)	4.922	152	99160	40.000
52) Naphthalene-d8	(2)	6.078	136	397218	40.000
97) Acenaphthene-d10	(3)	7.559	164	265512	40.000
134) Phenanthrene-d10	(4)	8.773	188	546717	40.000
166) Chrysene-d12	(5)	10.972	240	588952	40.000
174) Perylene-d12	(6)	12.427	264	458774	40.000
9) 2-Fluorophenol	(1)	3.628	112	450007	106.612
15) Phenol-d6	(1)	4.634	99	435514	73.860
38) Nitrobenzene-d5	(2)	5.452	82	460492	85.934
77) 2-Fluorobiphenyl	(3)	7.014	172	744038	83.112
118) 2,4,6-Tribromophenol	(3)	8.212	330	316419	209.793
155) Terphenyl-d14	(5)	10.100	244	903729	70.781

M = Compound was manually integrated. A = User selected an alternate hit

1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

BCD02

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 5223997

Sample wt/vol: 1000 (g/mL)ML Lab File ID: gl0103.d

Level: (low/med) LOW Date Received: 11/30/07

% Moisture: not dec: dec: Date Extracted: 12/04/07

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/04/07

Injection Volume: 1 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Extraction: Sepf

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	LOQ UG/L	Q
108-95-2	Phenol		5	U
111-44-4	bis(2-Chloroethyl)ether		5	U
95-57-8	2-Chlorophenol		5	U
541-73-1	1,3-Dichlorobenzene		5	U
106-46-7	1,4-Dichlorobenzene		5	U
95-50-1	1,2-Dichlorobenzene		5	U
95-48-7	2-Methylphenol		5	U
108-60-1	2,2'-oxybis(1-Chloropropane)		5	U
621-64-7	N-Nitroso-di-n-propylamine		5	U
106-44-5	4-Methylphenol		5	U
67-72-1	Hexachloroethane		5	U
98-95-3	Nitrobenzene		5	U
78-59-1	Isophorone		5	U
88-75-5	2-Nitrophenol		5	U
105-67-9	2,4-Dimethylphenol		10	U
111-91-1	bis(2-Chloroethoxy)methane		5	U
120-83-2	2,4-Dichlorophenol		5	U
120-82-1	1,2,4-Trichlorobenzene		5	U
91-20-3	Naphthalene		5	U
106-47-8	4-Chloroaniline		5	U
87-68-3	Hexachlorobutadiene		5	U
59-50-7	4-Chloro-3-methylphenol		5	U
91-57-6	2-Methylnaphthalene		5	U
77-47-4	Hexachlorocyclopentadiene		15	U
88-06-2	2,4,6-Trichlorophenol		5	U
95-95-4	2,4,5-Trichlorophenol		5	U
91-58-7	2-Chloronaphthalene		5	U
88-74-4	2-Nitroaniline		5	U
131-11-3	Dimethylphthalate		5	U
606-20-2	2,6-Dinitrotoluene		5	U

8353

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCD02

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 5223997

Sample wt/vol: 1000 (g/mL)ML Lab File ID: gl0103.d

Level: (low/med) LOW Date Received: 11/30/07

% Moisture: not dec: dec: Date Extracted:

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/04/07

Injection Volume: 1 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Extraction: Sepf

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	LOQ	UG/L	Q
208-96-8	Acenaphthylene			5	U
99-09-2	3-Nitroaniline			5	U
83-32-9	Acenaphthene			5	U
51-28-5	2,4-Dinitrophenol			60	U
100-02-7	4-Nitrophenol			30	U
132-64-9	Dibenzofuran			5	U
121-14-2	2,4-Dinitrotoluene			5	U
84-66-2	Diethylphthalate			5	U
86-73-7	Fluorene			5	U
7005-72-3	4-Chlorophenyl-phenylether			5	U
100-01-6	4-Nitroaniline			5	U
534-52-1	4,6-Dinitro-2-methylphenol			15	U
86-30-6	N-Nitrosodiphenylamine			5	U
101-55-3	4-Bromophenyl-phenylether			5	U
118-74-1	Hexachlorobenzene			5	U
87-86-5	Pentachlorophenol			15	U
85-01-8	Phenanthrene			5	U
120-12-7	Anthracene			5	U
86-74-8	Carbazole			5	U
84-74-2	Di-n-butylphthalate			5	U
206-44-0	Fluoranthene			5	U
129-00-0	Pyrene			5	U
85-68-7	Butylbenzylphthalate			5	U
91-94-1	3,3'-Dichlorobenzidine			5	U
56-55-3	Benzo(a)anthracene			5	U
218-01-9	Chrysene			5	U
117-81-7	bis(2-Ethylhexyl)phthalate			5	U
117-84-0	Di-n-octylphthalate			5	U
205-99-2	Benzo(b)fluoranthene			5	U
207-08-9	Benzo(k)fluoranthene			5	U

0354

1C cont

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCD02

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 5223997

Sample wt/vol: 1000 (g/mL)ML Lab File ID: gl0103.d

Level: (low/med) LOW Date Received: 11/30/07

% Moisture: not dec: dec: Date Extracted:

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/04/07

Injection Volume: 1 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Extraction: Sepf

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	LOQ	UG/L	Q
50-32-8	Benzo(a)pyrene			5	U
193-39-5	Indeno(1,2,3-cd)pyrene			5	U
53-70-3	Dibenz(a,h)anthracene			5	U
191-24-2	Benzo(g,h,i)perylene			5	U

BCD02

Lancaster Labs
Quantitation Report GC/MS Semi-Volatiles

5223997

Data file: /chem/HP11165.i/07dec04a.b/gl0103.d Blank Data file reference:**/chem/HP11165.i/07dec04a.b/gl0092.d**
Injection date and time: 04-DEC-2007 23:35 Instrument ID: HP11165.i Batch: 07337WAD
Date, time and analyst ID of latest file update: 05-Dec-2007 06:15 jmg00346

Method used: /chem/HP11165.i/07dec04a.b/minti.m Sublist used: **WTC8**
Calibration date and time (Last Method Edit): 04-DEC-2007 22:50
Mid Level Daily Calibration Standard Reference: /chem/HP11165.i/07dec04a.b/gl0091.d

Sample Concentration Formula: On-Column Amount * DF * Uf * Vt/(Vo * Vi) Matrix: WATER GPC Cleanup: No

Dilution Factor (DF): 1 Unit Correction Factor (Uf): 1 Volume Injected (Vi): 1 ul
GPC Cleanup Factor (gpcf): 1 Sample Volume (Vo): 1000.0 ml Final Extract Volume (Vt): 1000 ul

Internal Standards	RT (+/-RT)	Scan	QIon	Area (+/- %Area)	Conc (ng/ul)	QC Flag
21) 1,4-Dichlorobenzene-d4	4.928 (0.000)	634	152.0	97624 (-13)	40.00	
52) Naphthalene-d8	6.078 (0.005)	849	136.0	389496 (-21)	40.00	
97) Acenaphthene-d10	7.559 (0.005)	1126	164.0	255171 (-19)	40.00	
134) Phenanthrene-d10	8.773 (0.011)	1353	188.0	531664 (-17)	40.00	
166) Chrysene-d12	10.950 (0.016)	1760	240.0	565061 (-22)	40.00	
174) Perylene-d12	12.405 (0.016)	2032	264.0	439658 (-23)	40.00	

= RETENTION TIME OUT OF RANGE * = INTERNAL STANDARD OUT OF RANGE NC = NOT ABLE TO CALCULATE

Surrogate Standards	I.S. Ref.	RT (+/-RRT)	QIon	Area	Conc. (on column)	%Rec.	QC flags	QC Limits
9) 2-Fluorophenol	(1)	3.633 (0.002)	112	430634	103.628	52%		10 - 103
15) Phenol-d6	(1)	4.634 (0.002)	99	409358	70.517	35%		10 - 82
38) Nitrobenzene-d5	(2)	5.452 (0.000)	82	455218	86.634	87%		51 - 123
77) 2-Fluorobiphenyl	(3)	7.014 (0.000)	172	745093	86.603	87%		63 - 118
118) 2,4,6-Tribromophenol	(3)	8.212 (0.000)	330	285747	197.134	99%		20 - 159
155) Terphenyl-d14	(5)	10.095 (-0.001)	244	870437	71.056	71%		52 - 151

= RELATIVE RETENTION TIME OUT OF RANGE * = PERCENT REC.OUT OF RANGE D = DILUTED OUT NC = NOT ABLE TO CALCULATE

Target Compounds	I.S. Ref.	RT (+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit (ng/ul)
16) Phenol	(1)			Below MDL,	Do not report				1.00
18) bis(2-Chloroethyl)ether	(1)			Below MDL,	Do not report				1.00
19) 2-Chlorophenol	(1)			ND		ND			1.00
20) 1,3-Dichlorobenzene	(1)			ND		ND			1.00
22) 1,4-Dichlorobenzene	(1)			ND		ND			1.00
25) 1,2-Dichlorobenzene	(1)			ND		ND			1.00
26) 2-Methylphenol	(1)			Below MDL,	Do not report				1.00
27) 2,2'-oxybis(1-Chloropropane)	(1)			Below MDL,	Do not report				1.00
31) N-Nitroso-di-n-propylamine	(1)			Below MDL,	Do not report				1.00
33) 4-Methylphenol	(1)			Below MDL,	Do not report				2.00
37) Hexachloroethane	(1)			ND		ND			1.00
39) Nitrobenzene	(2)			Below MDL,	Do not report				1.00
41) Isophorone	(2)			Below MDL,	Do not report				1.00
42) 2-Nitrophenol	(2)			ND		ND			1.00
44) 2,4-Dimethylphenol	(2)			Below MDL,	Do not report				3.00
46) bis(2-Chloroethoxy)methane	(2)			Below MDL,	Do not report				1.00
49) 2,4-Dichlorophenol	(2)			ND		ND			1.00
50) 1,2,4-Trichlorobenzene	(2)			ND		ND			1.00
53) Naphthalene	(2)			Below MDL,	Do not report				1.00
55) 4-Chloroaniline	(2)			ND		ND			1.00
59) Hexachlorobutadiene	(2)			ND		ND			1.00
67) 4-Chloro-3-methylphenol	(2)			ND		ND			1.00
69) 2-Methylnaphthalene	(2)			Below MDL,	Do not report				1.00

BCD02

Lancaster Labs
Quantitation Report GC/MS Semi-Volatiles

5223997

Data file: /chem/HP11165.i/07dec04a.b/gl0103.d Blank Data file reference:**/chem/HP11165.i/07dec04a.b/gl0092.d**
Injection date and time: 04-DEC-2007 23:35 Instrument ID: HP11165.i Batch: 07337WAD
Date, time and analyst ID of latest file update: 05-Dec-2007 06:15 jmg00346

Method used: /chem/HP11165.i/07dec04a.b/minti.m Sublist used: **WTC8**
Calibration date and time (Last Method Edit): 04-DEC-2007 22:50
Mid Level Daily Calibration Standard Reference: /chem/HP11165.i/07dec04a.b/gl0091.d

Sample Concentration Formula: On-Column Amount * DF * Uf * Vt/(Vo * Vi) Matrix: WATER GPC Cleanup: No

Dilution Factor (DF): 1 Unit Correction Factor (Uf): 1 Volume Injected (Vi): 1 ul
GPC Cleanup Factor (gpcf): 1 Sample Volume (Vo): 1000.0 ml Final Extract Volume (Vt): 1000 ul

Target Compounds	I.S. Ref.	RT	(+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit (ng/ul)
71) Hexachlorocyclopentadiene	(3)					ND	ND			5.00
74) 2,4,6-Trichlorophenol	(3)					Below MDL, Do not report				1.00
76) 2,4,5-Trichlorophenol	(3)					Below MDL, Do not report				1.00
83) 2-Chloronaphthalene	(3)					ND	ND			2.00
88) 2-Nitroaniline	(3)					Below MDL, Do not report				1.00
91) Dimethylphthalate	(3)					ND	ND			2.00
93) 2,6-Dinitrotoluene	(3)					ND	ND			1.00
94) Acenaphthylene	(3)					Below MDL, Do not report				1.00
96) 3-Nitroaniline	(3)					Below MDL, Do not report				1.00
98) Acenaphthene	(3)					Below MDL, Do not report				1.00
99) 2,4-Dinitrophenol	(3)					ND	ND			20.00
102) 4-Nitrophenol	(3)					Below MDL, Do not report				10.00
103) Dibenzofuran	(3)					Below MDL, Do not report				1.00
104) 2,4-Dinitrotoluene	(3)					ND	ND			1.00
108) Diethylphthalate	(3)					Below MDL, Do not report				2.00
110) Fluorene	(3)					ND	ND			1.00
111) 4-Chlorophenyl-phenylether	(3)					ND	ND			2.00
113) 4-Nitroaniline	(3)					Below MDL, Do not report				1.00
114) 4,6-Dinitro-2-methylphenol	(4)					ND	ND			5.00
116) N-Nitrosodiphenylamine	(4)					Below MDL, Do not report				2.00
124) 4-Bromophenyl-phenylether	(4)					ND	ND			1.00
126) Hexachlorobenzene	(4)					ND	ND			1.00
130) Pentachlorophenol	(4)					ND	ND			3.00
136) Phenanthrene	(4)					Below MDL, Do not report				1.00
137) Anthracene	(4)					Below MDL, Do not report				1.00
139) Carbazole	(4)					Below MDL, Do not report				1.00
141) Di-n-butylphthalate	(4)					Below MDL, Do not report				2.00
146) Fluoranthene	(4)					Below MDL, Do not report				1.00
153) Pyrene	(5)					Below MDL, Do not report				1.00
160) Butylbenzylphthalate	(5)					Below MDL, Do not report				2.00
163) 3,3'-Dichlorobenzidine	(5)					Below MDL, Do not report				2.00
165) Benzo(a)anthracene	(5)					Below MDL, Do not report				1.00
167) Chrysene	(5)					Below MDL, Do not report				1.00
168) bis(2-Ethylhexyl)phthalate	(5)					Below MDL, Do not report				2.00
169) Di-n-octylphthalate	(6)					ND	ND			2.00
171) Benzo(b)fluoranthene	(6)					Below MDL, Do not report				1.00
172) Benzo(k)fluoranthene	(6)					Below MDL, Do not report				1.00
173) Benzo(a)pyrene	(6)					Below MDL, Do not report				1.00
176) Indeno(1,2,3-cd)pyrene	(6)					ND	ND			1.00
177) Dibenz(a,h)anthracene	(6)					Below MDL, Do not report				1.00

BCD02

Lancaster Labs
Quantitation Report GC/MS Semi-Volatiles 5223997

Data file: /chem/HP11165.i/07dec04a.b/gl0103.d Blank Data file reference:**/chem/HP11165.i/07dec04a.b/gl0092.d**
Injection date and time: 04-DEC-2007 23:35 Instrument ID: HP11165.i Batch: 07337WAD
Date, time and analyst ID of latest file update: 05-Dec-2007 06:15 jmg00346

Method used: /chem/HP11165.i/07dec04a.b/minti.m Sublist used: **WTC8**
Calibration date and time (Last Method Edit): 04-DEC-2007 22:50
Mid Level Daily Calibration Standard Reference: /chem/HP11165.i/07dec04a.b/gl0091.d

Sample Concentration Formula: On-Column Amount * DF * Uf * Vt/(Vo * Vi) Matrix: WATER GPC Cleanup: No

Dilution Factor (DF): 1 Unit Correction Factor (Uf): 1 Volume Injected (Vi): 1 ul
GPC Cleanup Factor (gpcf): 1 Sample Volume (Vo): 1000.0 ml Final Extract Volume (Vt): 1000 ul

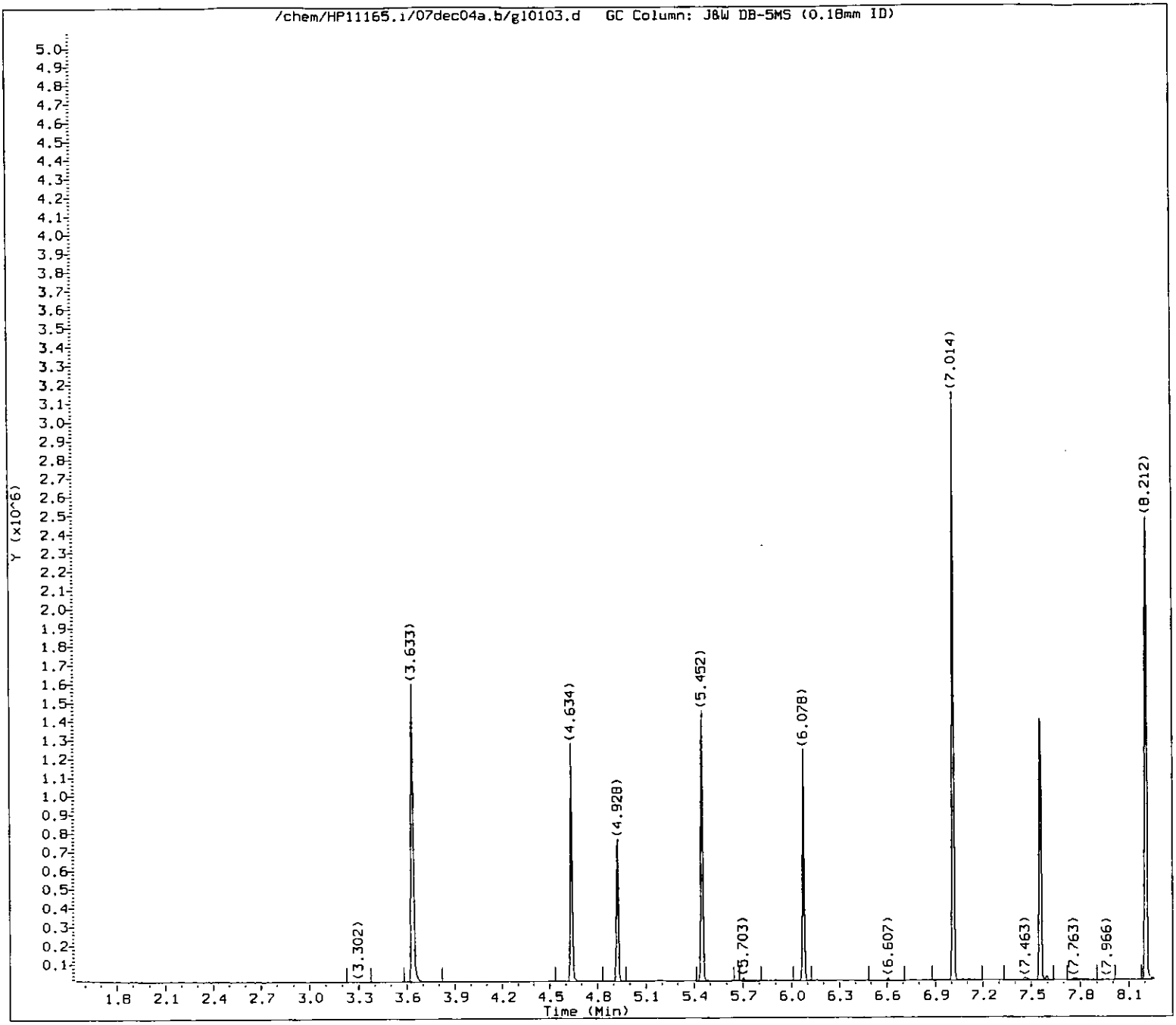
Target Compounds	I.S. Ref.	RT	(+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit (ng/ul)
178) Benzo(g,h,i)perylene	(6)					ND	ND			1.00

E = CONC. OUT OF CAL. RANGE # = RELATIVE RETENTION TIME OUT OF RANGE

Total number of targets = 64

Comments:

Analyst: Date:
Auditor: Date:



Quant Report

Target Revision 3.5

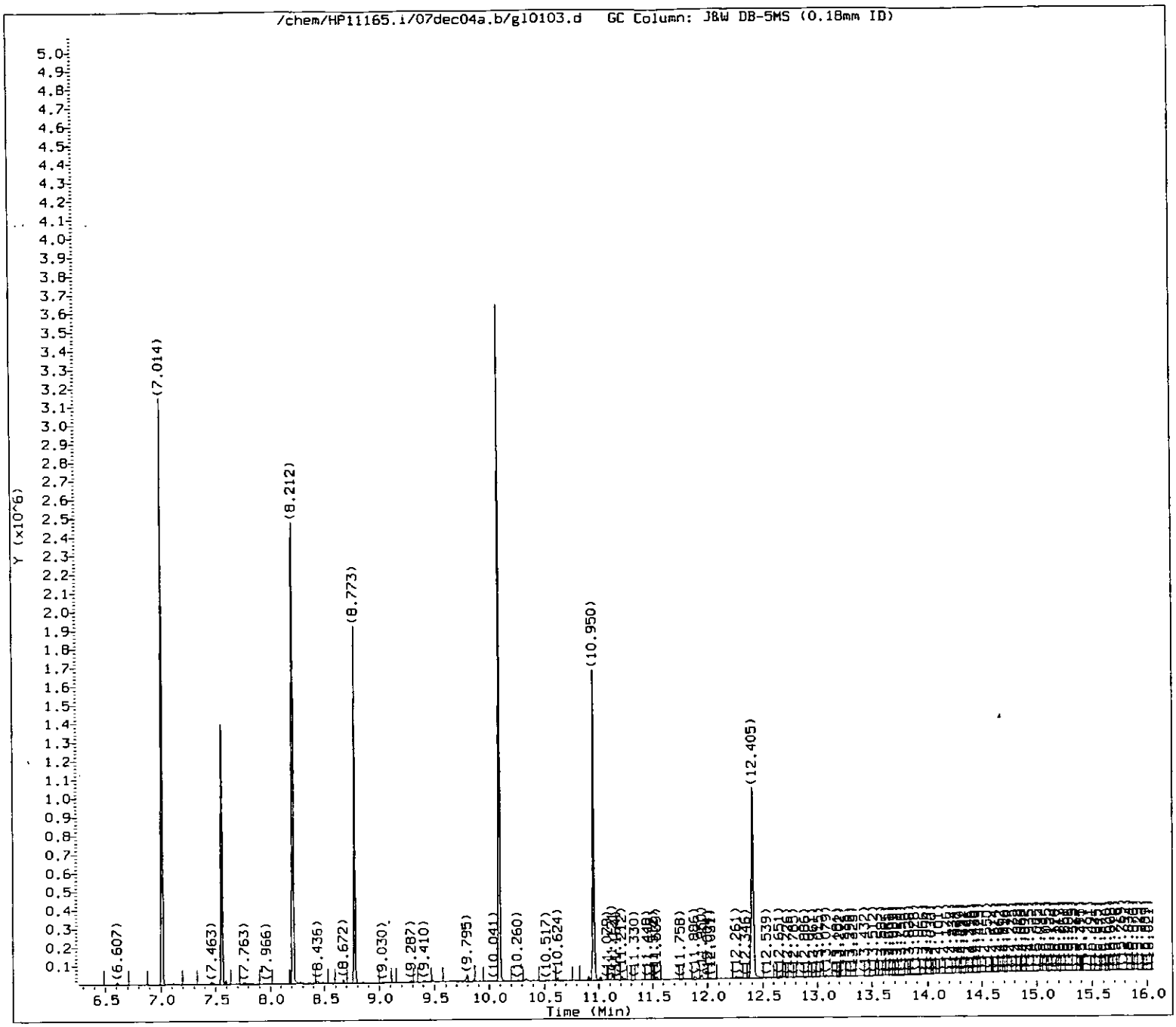
Data File: /chem/HP11165.i/07dec04a.b/gl0103.d Instrument ID: HP11165.i
Injection date and time: 04-DEC-2007 23:35 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07dec04a.b/minti.m Sublist used: WTC8
Calibration date and time: 04-DEC-2007 22:50
Date, time and analyst ID of latest file update: 05-Dec-2007 05:14 jmg00346

Sample Name: BCD02 Lab Sample ID: 5223997

JMG 12-5-07

8359



Quant Report

Target Revision 3.5

Data File: /chem/HP11165.i/07dec04a.b/gl0103.d Instrument ID: HP11165.i
Injection date and time: 04-DEC-2007 23:35 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07dec04a.b/minti.m Sublist used: WTC8
Calibration date and time: 04-DEC-2007 22:50
Date, time and analyst ID of latest file update: 05-Dec-2007 05:14 jmg00346

Sample Name: BCD02 Lab Sample ID: 5223997

JMG/GJG
12-5-07

0368

Quant Report

Target Revision 3.5

Data File: /chem/HP11165.i/07dec04a.b/gl0103.d Instrument ID: HP11165.i
Injection date and time: 04-DEC-2007 23:35 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07dec04a.b/minti.m Sublist used: WTC8
Calibration date and time: 04-DEC-2007 22:50
Date, time and analyst ID of latest file update: 05-Dec-2007 06:15 jmg00346

Sample Name: BCD02 Lab Sample ID: 5223997

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
21) 1,4-Dichlorobenzene-d4	(1)	4.928	152	97624	40.000
52) Naphthalene-d8	(2)	6.078	136	389496	40.000
97) Acenaphthene-d10	(3)	7.559	164	255171	40.000
134) Phenanthrene-d10	(4)	8.773	188	531664	40.000
166) Chrysene-d12	(5)	10.950	240	565061	40.000
174) Perylene-d12	(6)	12.405	264	439658	40.000
9) 2-Fluorophenol	(1)	3.633	112	430634	103.628
15) Phenol-d6	(1)	4.634	99	409358	70.517
38) Nitrobenzene-d5	(2)	5.452	82	455218	86.634
77) 2-Fluorobiphenyl	(3)	7.014	172	745093	86.603
118) 2,4,6-Tribromophenol	(3)	8.212	330	285747	197.134
155) Terphenyl-d14	(5)	10.095	244	870437	71.056

M = Compound was manually integrated. A = User selected an alternate hit

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCD01

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 5224001

Sample wt/vol: 915 (g/mL)ML Lab File ID: gl0109.d

Level: (low/med) LOW Date Received: 11/30/07

% Moisture: not dec: dec: Date Extracted: 12/04/07

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/05/07

Injection Volume: 1 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Extraction: Sepf

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	LOQ	UG/L	Q
108-95-2	Phenol			5	U
111-44-4	bis(2-Chloroethyl)ether			5	U
95-57-8	2-Chlorophenol			5	U
541-73-1	1,3-Dichlorobenzene			5	U
106-46-7	1,4-Dichlorobenzene			5	U
95-50-1	1,2-Dichlorobenzene			5	U
95-48-7	2-Methylphenol			5	U
108-60-1	2,2'-oxybis(1-Chloropropane)			5	U
621-64-7	N-Nitroso-di-n-propylamine			5	U
106-44-5	4-Methylphenol			5	U
67-72-1	Hexachloroethane			5	U
98-95-3	Nitrobenzene			5	U
78-59-1	Isophorone			5	U
88-75-5	2-Nitrophenol			5	U
105-67-9	2,4-Dimethylphenol			11	U
111-91-1	bis(2-Chloroethoxy)methane			5	U
120-83-2	2,4-Dichlorophenol			5	U
120-82-1	1,2,4-Trichlorobenzene			5	U
91-20-3	Naphthalene			5	U
106-47-8	4-Chloroaniline			5	U
87-68-3	Hexachlorobutadiene			5	U
59-50-7	4-Chloro-3-methylphenol			5	U
91-57-6	2-Methylnaphthalene			5	U
77-47-4	Hexachlorocyclopentadiene			16	U
88-06-2	2,4,6-Trichlorophenol			5	U
95-95-4	2,4,5-Trichlorophenol			5	U
91-58-7	2-Chloronaphthalene			5	U
88-74-4	2-Nitroaniline			5	U
131-11-3	Dimethylphthalate			5	U
606-20-2	2,6-Dinitrotoluene			5	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCD01

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 5224001

Sample wt/vol: 915 (g/mL)ML Lab File ID: gl0109.d

Level: (low/med) LOW Date Received: 11/30/07

% Moisture: not dec: dec: Date Extracted: 12/04/07

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/05/07

Injection Volume: 1 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Extraction: Sepf

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) LOQ UG/L	Q
208-96-8	Acenaphthylene	5	U
99-09-2	3-Nitroaniline	5	U
83-32-9	Acenaphthene	5	U
51-28-5	2,4-Dinitrophenol	66	U
100-02-7	4-Nitrophenol	33	U
132-64-9	Dibenzofuran	5	U
121-14-2	2,4-Dinitrotoluene	5	U
84-66-2	Diethylphthalate	5	U
86-73-7	Fluorene	5	U
7005-72-3	4-Chlorophenyl-phenylether	5	U
100-01-6	4-Nitroaniline	5	U
534-52-1	4,6-Dinitro-2-methylphenol	16	U
86-30-6	N-Nitrosodiphenylamine	5	U
101-55-3	4-Bromophenyl-phenylether	5	U
118-74-1	Hexachlorobenzene	5	U
87-86-5	Pentachlorophenol	16	U
85-01-8	Phenanthrene	5	U
120-12-7	Anthracene	5	U
86-74-8	Carbazole	5	U
84-74-2	Di-n-butylphthalate	5	U
206-44-0	Fluoranthene	5	U
129-00-0	Pyrene	5	U
85-68-7	Butylbenzylphthalate	5	U
91-94-1	3,3'-Dichlorobenzidine	5	U
56-55-3	Benzo(a)anthracene	5	U
218-01-9	Chrysene	5	U
117-81-7	bis(2-Ethylhexyl)phthalate	5	U
117-84-0	Di-n-octylphthalate	5	U
205-99-2	Benzo(b)fluoranthene	5	U
207-08-9	Benzo(k)fluoranthene	5	U

0363

1C cont

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCD01

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 5224001

Sample wt/vol: 915 (g/mL) ML Lab File ID: gl0109.d

Level: (low/med) LOW Date Received: 11/30/07

% Moisture: not dec: dec: Date Extracted: 12/04/07

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/05/07

Injection Volume: 1 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Extraction: Sepf

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	LOQ	UG/L	Q
50-32-8	Benzo(a)pyrene			5	U
193-39-5	Indeno(1,2,3-cd)pyrene			5	U
53-70-3	Dibenz(a,h)anthracene			5	U
191-24-2	Benzo(g,h,i)perylene			5	U

8364

BCD01

Lancaster Labs
Quantitation Report GC/MS Semi-Volatiles

5224001

Data file: /chem/HP11165.i/07dec04a.b/gl0109.d Blank Data file reference:**/chem/HP11165.i/07dec04a.b/gl0092.d**
Injection date and time: 05-DEC-2007 02:27 Instrument ID: HP11165.i Batch: 07337WAD
Date, time and analyst ID of latest file update: 05-Dec-2007 06:51 jmg00346

Method used: /chem/HP11165.i/07dec04a.b/minti.m Sublist used: **WTC8**
Calibration date and time (Last Method Edit): 04-DEC-2007 22:50
Mid Level Daily Calibration Standard Reference: /chem/HP11165.i/07dec04a.b/gl0091.d

Sample Concentration Formula: On-Column Amount * DF * Uf * Vt/(Vo * Vi) Matrix: WATER GPC Cleanup: No

Dilution Factor (DF): 1 Unit Correction Factor (Uf): 1 Volume Injected (Vi): 1 ul
GPC Cleanup Factor (gpcf): 1 Sample Volume (Vo): 915.0 ml Final Extract Volume (Vt): 1000 ul

Internal Standards	RT (+/-RT)	Scan	QIon	Area(+/- %Area)	Conc(ng/ul)	QC Flag
21) 1,4-Dichlorobenzene-d4	4.923(0.005)	633	152.0	95432(-15)	40.00	
52) Naphthalene-d8	6.078(0.005)	849	136.0	386279(-22)	40.00	
97) Acenaphthene-d10	7.554(0.011)	1125	164.0	250891(-21)	40.00	
134) Phenanthrene-d10	8.774(0.011)	1353	188.0	516304(-19)	40.00	
166) Chrysene-d12	10.956(0.011)	1761	240.0	556793(-23)	40.00	
174) Perylene-d12	12.411(0.011)	2033	264.0	428909(-25)	40.00	

= RETENTION TIME OUT OF RANGE * = INTERNAL STANDARD OUT OF RANGE NC = NOT ABLE TO CALCULATE

Surrogate Standards	I.S. Ref.	RT (+/-RRT)	QIon	Area	Conc. (on column)	%Rec.	QC flags	QC Limits
9) 2-Fluorophenol	(1)	3.634(0.001)	112	362707	89.287	45%		10 - 103
15) Phenol-d6	(1)	4.634(0.001)	99	355433	62.634	31%		10 - 82
38) Nitrobenzene-d5	(2)	5.447(0.001)	82	438610	84.168	84%		51 - 123
77) 2-Fluorobiphenyl	(3)	7.014(-0.001)	172	710619	84.005	84%		63 - 118
118) 2,4,6-Tribromophenol	(3)	8.212(-0.001)	330	302251	212.078	106%		20 - 159
155) Terphenyl-d14	(5)	10.095(0.000)	244	808863	67.010	67%		52 - 151

= RELATIVE RETENTION TIME OUT OF RANGE * = PERCENT REC.OUT OF RANGE D = DILUTED OUT NC = NOT ABLE TO CALCULATE

Target Compounds	I.S. Ref.	RT (+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit (ng/ul)
16) Phenol	(1)				Below MDL, Do not report				1.00
18) bis(2-Chloroethyl)ether	(1)				Below MDL, Do not report				1.00
19) 2-Chlorophenol	(1)				ND	ND			1.00
20) 1,3-Dichlorobenzene	(1)				ND	ND			1.00
22) 1,4-Dichlorobenzene	(1)				ND	ND			1.00
25) 1,2-Dichlorobenzene	(1)				ND	ND			1.00
26) 2-Methylphenol	(1)				Below MDL, Do not report				1.00
27) 2,2'-oxybis(1-Chloropropane)	(1)				Below MDL, Do not report				1.00
31) N-Nitroso-di-n-propylamine	(1)				ND	ND			1.00
33) 4-Methylphenol	(1)				Below MDL, Do not report				2.00
37) Hexachloroethane	(1)				ND	ND			1.00
39) Nitrobenzene	(2)				Below MDL, Do not report				1.00
41) Isophorone	(2)				Below MDL, Do not report				1.00
42) 2-Nitrophenol	(2)				ND	ND			1.00
44) 2,4-Dimethylphenol	(2)				Below MDL, Do not report				3.00
46) bis(2-Chloroethoxy)methane	(2)				ND	ND			1.00
49) 2,4-Dichlorophenol	(2)				ND	ND			1.00
50) 1,2,4-Trichlorobenzene	(2)				ND	ND			1.00
53) Naphthalene	(2)				Below MDL, Do not report				1.00
55) 4-Chloroaniline	(2)				ND	ND			1.00
59) Hexachlorobutadiene	(2)				ND	ND			1.00
67) 4-Chloro-3-methylphenol	(2)				ND	ND			1.00
69) 2-Methylnaphthalene	(2)				Below MDL, Do not report				1.00

BCD01

Lancaster Labs
Quantitation Report GC/MS Semi-Volatiles

5224001

Data file: /chem/HP11165.i/07dec04a.b/g10109.d Blank Data file reference:**/chem/HP11165.i/07dec04a.b/g10092.d**
Injection date and time: 05-DEC-2007 02:27 Instrument ID: HP11165.i Batch: 07337WAD
Date, time and analyst ID of latest file update: 05-Dec-2007 06:51 jmg00346

Method used: /chem/HP11165.i/07dec04a.b/minti.m Sublist used: **WTC8**
Calibration date and time (Last Method Edit): 04-DEC-2007 22:50
Mid Level Daily Calibration Standard Reference: /chem/HP11165.i/07dec04a.b/g10091.d

Sample Concentration Formula: On-Column Amount * DF * Uf * Vt/(Vo * Vi) Matrix: WATER GPC Cleanup: No

Dilution Factor (DF): 1 Unit Correction Factor (Uf): 1 Volume Injected (Vi): 1 ul
GPC Cleanup Factor (gpcf): 1 Sample Volume (Vo): 915.0 ml Final Extract Volume (Vt): 1000 ul

Target Compounds	I.S. Ref.	RT	(+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit (ng/ul)
71) Hexachlorocyclopentadiene	(3)					ND	ND			5.00
74) 2,4,6-Trichlorophenol	(3)					Below MDL, Do not report				1.00
76) 2,4,5-Trichlorophenol	(3)					Below MDL, Do not report				1.00
83) 2-Chloronaphthalene	(3)					ND	ND			2.00
88) 2-Nitroaniline	(3)					Below MDL, Do not report				1.00
91) Dimethylphthalate	(3)					ND	ND			2.00
93) 2,6-Dinitrotoluene	(3)					ND	ND			1.00
94) Acenaphthylene	(3)					Below MDL, Do not report				1.00
96) 3-Nitroaniline	(3)					Below MDL, Do not report				1.00
98) Acenaphthene	(3)					Below MDL, Do not report				1.00
99) 2,4-Dinitrophenol	(3)					ND	ND			20.00
102) 4-Nitrophenol	(3)					Below MDL, Do not report				10.00
103) Dibenzofuran	(3)					Below MDL, Do not report				1.00
104) 2,4-Dinitrotoluene	(3)					ND	ND			1.00
108) Diethylphthalate	(3)					Below MDL, Do not report				2.00
110) Fluorene	(3)					ND	ND			1.00
111) 4-Chlorophenyl-phenylether	(3)					ND	ND			2.00
113) 4-Nitroaniline	(3)					Below MDL, Do not report				1.00
114) 4,6-Dinitro-2-methylphenol	(4)					ND	ND			5.00
116) N-Nitrosodiphenylamine	(4)					Below MDL, Do not report				2.00
124) 4-Bromophenyl-phenylether	(4)					ND	ND			1.00
126) Hexachlorobenzene	(4)					ND	ND			1.00
130) Pentachlorophenol	(4)					ND	ND			3.00
136) Phenanthrene	(4)					Below MDL, Do not report				1.00
137) Anthracene	(4)					Below MDL, Do not report				1.00
139) Carbazole	(4)					Below MDL, Do not report				1.00
141) Di-n-butylphthalate	(4)					Below MDL, Do not report				2.00
146) Fluoranthene	(4)					Below MDL, Do not report				1.00
153) Pyrene	(5)					Below MDL, Do not report				1.00
160) Butylbenzylphthalate	(5)					Below MDL, Do not report				2.00
163) 3,3'-Dichlorobenzidine	(5)					Below MDL, Do not report				2.00
165) Benzo(a)anthracene	(5)					Below MDL, Do not report				1.00
167) Chrysene	(5)					Below MDL, Do not report				1.00
168) bis(2-Ethylhexyl)phthalate	(5)					Below MDL, Do not report				2.00
169) Di-n-octylphthalate	(6)					ND	ND			2.00
171) Benzo(b)fluoranthene	(6)					Below MDL, Do not report				1.00
172) Benzo(k)fluoranthene	(6)					Below MDL, Do not report				1.00
173) Benzo(a)pyrene	(6)					Below MDL, Do not report				1.00
176) Indeno(1,2,3-cd)pyrene	(6)					ND	ND			1.00
177) Dibenz(a,h)anthracene	(6)					ND	ND			1.00

BCD01

Lancaster Labs
Quantitation Report GC/MS Semi-Volatiles

5224001

Data file: /chem/HP11165.i/07dec04a.b/gl0109.d Blank Data file reference:**/chem/HP11165.i/07dec04a.b/gl0092.d**
Injection date and time: 05-DEC-2007 02:27 Instrument ID: HP11165.i Batch: 07337WAD
Date, time and analyst ID of latest file update: 05-Dec-2007 06:51 jmg00346

Method used: /chem/HP11165.i/07dec04a.b/minti.m Sublist used: **WTC8**
Calibration date and time (Last Method Edit): 04-DEC-2007 22:50
Mid Level Daily Calibration Standard Reference: /chem/HP11165.i/07dec04a.b/gl0091.d

Sample Concentration Formula: On-Column Amount * DF * Uf * Vt/(Vo * Vi) Matrix: WATER GPC Cleanup: No

Dilution Factor (DF): 1 Unit Correction Factor (Uf): 1 Volume Injected (Vi): 1 ul
GPC Cleanup Factor (gpcf): 1 Sample Volume (Vo): 915.0 ml Final Extract Volume (Vt): 1000 ul

Target Compounds	I.S. Ref.	RT	(+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit (ng/ul)
178) Benzo(g,h,i)perylene	(6)					ND	ND			1.00

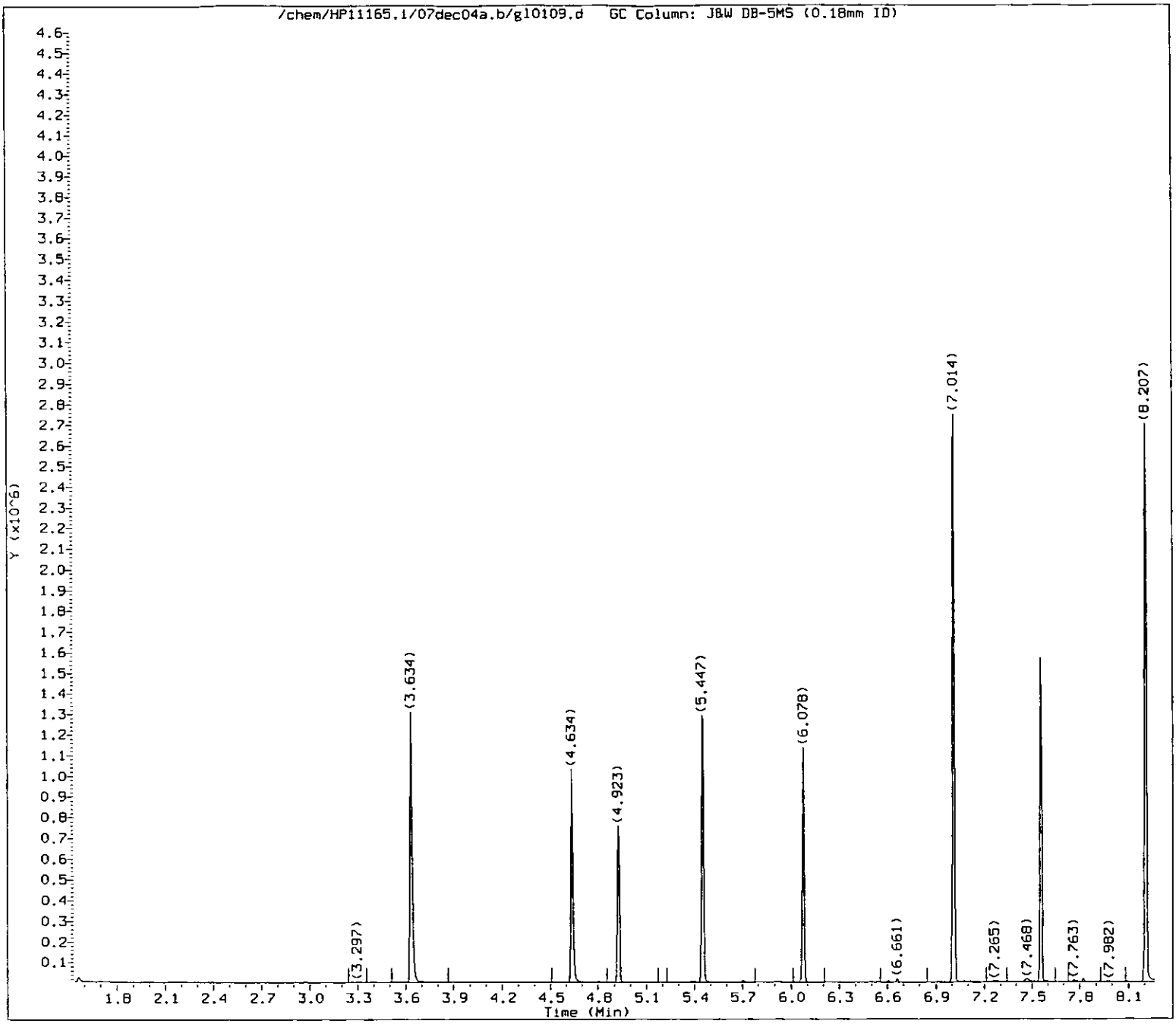
E = CONC. OUT OF CAL. RANGE # = RELATIVE RETENTION TIME OUT OF RANGE

Total number of targets = 64

Comments: 241

Analyst: Date: 12-5-07
Auditor: Date: 12/5/07

8367



Quant Report

Target Revision 3.5

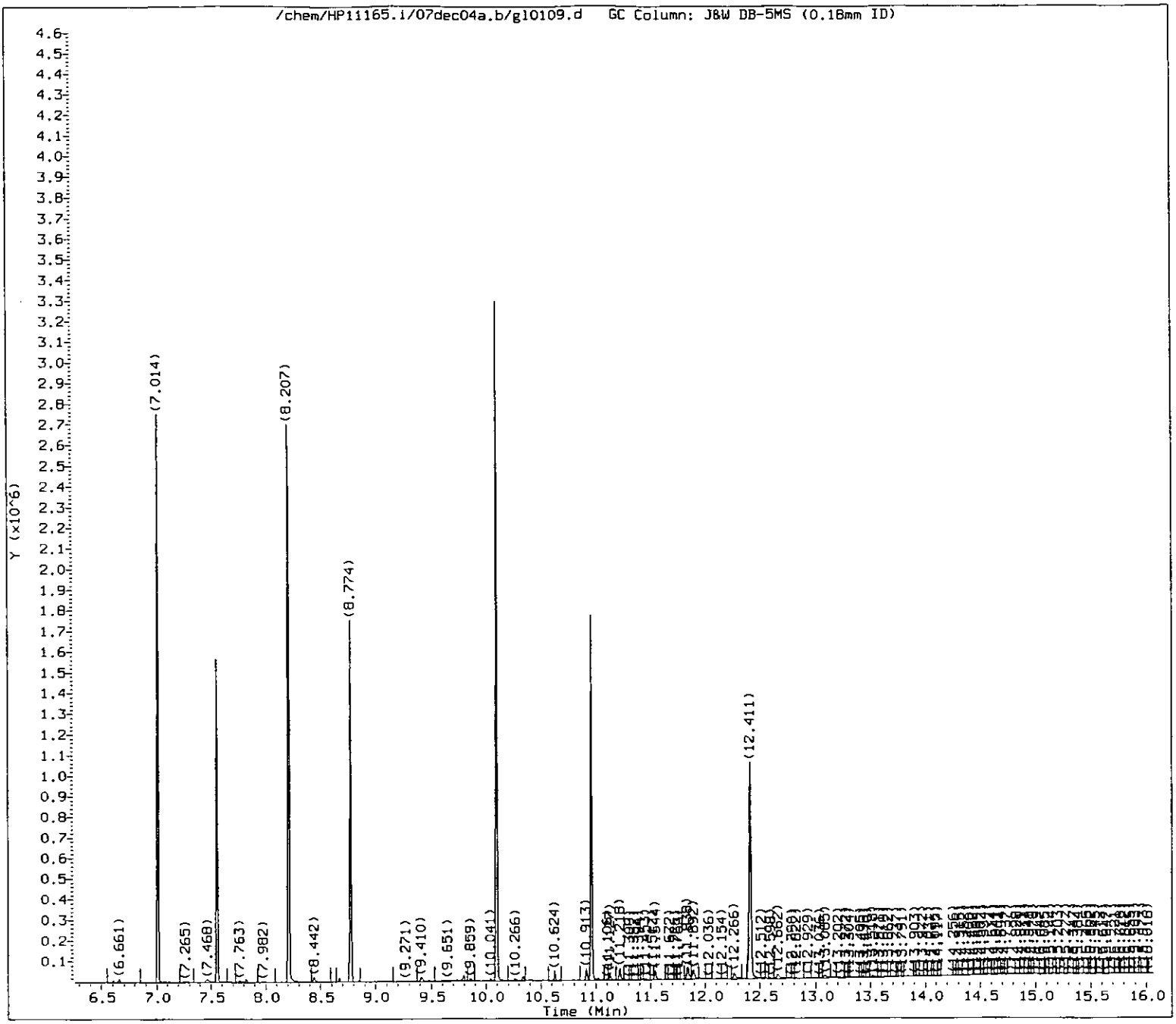
Data File: /chem/HP11165.i/07dec04a.b/gl0109.d Instrument ID: HP11165.i
Injection date and time: 05-DEC-2007 02:27 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07dec04a.b/minti.m Sublist used: WTC8
Calibration date and time: 04-DEC-2007 22:50
Date, time and analyst ID of latest file update: 05-Dec-2007 05:20 jmg00346

Sample Name: BCD01 Lab Sample ID: 5224001

JMG 12-5-07

8368



Quant Report

Target Revision 3.5

Data File: /chem/HP11165.i/07dec04a.b/gl0109.d Instrument ID: HP11165.i
Injection date and time: 05-DEC-2007 02:27 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07dec04a.b/minti.m Sublist used: WTC8
Calibration date and time: 04-DEC-2007 22:50
Date, time and analyst ID of latest file update: 05-Dec-2007 05:20 jmg00346

Sample Name: BCD01 Lab Sample ID: 5224001

0369

JMG/sth
12-5-07

Quant Report

Target Revision 3.5

Data File: /chem/HP11165.i/07dec04a.b/gl0109.d Instrument ID: HP11165.i
Injection date and time: 05-DEC-2007 02:27 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07dec04a.b/minti.m Sublist used: WTC8
Calibration date and time: 04-DEC-2007 22:50
Date, time and analyst ID of latest file update: 05-Dec-2007 06:51 jmg00346

Sample Name: BCD01 Lab Sample ID: 5224001

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
21) 1,4-Dichlorobenzene-d4	(1)	4.923	152	95432	40.000
52) Naphthalene-d8	(2)	6.078	136	386279	40.000
97) Acenaphthene-d10	(3)	7.554	164	250891	40.000
134) Phenanthrene-d10	(4)	8.774	188	516304	40.000
166) Chrysene-d12	(5)	10.956	240	556793	40.000
174) Perylene-d12	(6)	12.411	264	428909	40.000
9) 2-Fluorophenol	(1)	3.634	112	362707	89.287
15) Phenol-d6	(1)	4.634	99	355433	62.634
38) Nitrobenzene-d5	(2)	5.447	82	438610	84.168
77) 2-Fluorobiphenyl	(3)	7.014	172	710619	84.005
118) 2,4,6-Tribromophenol	(3)	8.212	330	302251	212.078
155) Terphenyl-d14	(5)	10.095	244	808863	67.010

M = Compound was manually integrated. A = User selected an alternate hit

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCD08

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 5224002

Sample wt/vol: 1041 (g/mL)ML Lab File ID: gl0110.d

Level: (low/med) LOW Date Received: 11/30/07

% Moisture: not dec: dec: Date Extracted: 12/04/07

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/05/07

Injection Volume: 1 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Extraction: Sepf

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	LOQ	UG/L	Q
108-95-2	Phenol			5	U
111-44-4	bis(2-Chloroethyl)ether			5	U
95-57-8	2-Chlorophenol			5	U
541-73-1	1,3-Dichlorobenzene			5	U
106-46-7	1,4-Dichlorobenzene			5	U
95-50-1	1,2-Dichlorobenzene			5	U
95-48-7	2-Methylphenol			5	U
108-60-1	2,2'-oxybis(1-Chloropropane)			5	U
621-64-7	N-Nitroso-di-n-propylamine			5	U
106-44-5	4-Methylphenol			5	U
67-72-1	Hexachloroethane			5	U
98-95-3	Nitrobenzene			5	U
78-59-1	Isophorone			5	U
88-75-5	2-Nitrophenol			5	U
105-67-9	2,4-Dimethylphenol			10	U
111-91-1	bis(2-Chloroethoxy)methane			5	U
120-83-2	2,4-Dichlorophenol			5	U
120-82-1	1,2,4-Trichlorobenzene			5	U
91-20-3	Naphthalene			5	U
106-47-8	4-Chloroaniline			5	U
87-68-3	Hexachlorobutadiene			4	J
59-50-7	4-Chloro-3-methylphenol			5	U
91-57-6	2-Methylnaphthalene			5	U
77-47-4	Hexachlorocyclopentadiene			14	U
88-06-2	2,4,6-Trichlorophenol			5	U
95-95-4	2,4,5-Trichlorophenol			5	U
91-58-7	2-Chloronaphthalene			5	U
88-74-4	2-Nitroaniline			5	U
131-11-3	Dimethylphthalate			5	U
606-20-2	2,6-Dinitrotoluene			5	U

8371

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCD08

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 5224002

Sample wt/vol: 1041 (g/mL) ML Lab File ID: gl0110.d

Level: (low/med) LOW Date Received: 11/30/07

% Moisture: not dec: dec: Date Extracted: 12/04/07

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/05/07

Injection Volume: 1 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Extraction: Sepf

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) LOQ	UG/L	Q
208-96-8	Acenaphthylene		5	U
99-09-2	3-Nitroaniline		5	U
83-32-9	Acenaphthene		5	U
51-28-5	2,4-Dinitrophenol		58	U
100-02-7	4-Nitrophenol		29	U
132-64-9	Dibenzofuran		5	U
121-14-2	2,4-Dinitrotoluene		5	U
84-66-2	Diethylphthalate		5	U
86-73-7	Fluorene		5	U
7005-72-3	4-Chlorophenyl-phenylether		5	U
100-01-6	4-Nitroaniline		5	U
534-52-1	4,6-Dinitro-2-methylphenol		14	U
86-30-6	N-Nitrosodiphenylamine		5	U
101-55-3	4-Bromophenyl-phenylether		5	U
118-74-1	Hexachlorobenzene		5	U
87-86-5	Pentachlorophenol		14	U
85-01-8	Phenanthrene		5	U
120-12-7	Anthracene		5	U
86-74-8	Carbazole		5	U
84-74-2	Di-n-butylphthalate		5	U
206-44-0	Fluoranthene		5	U
129-00-0	Pyrene		5	U
85-68-7	Butylbenzylphthalate		5	U
91-94-1	3,3'-Dichlorobenzidine		5	U
56-55-3	Benzo(a)anthracene		5	U
218-01-9	Chrysene		5	U
117-81-7	bis(2-Ethylhexyl)phthalate		5	U
117-84-0	Di-n-octylphthalate		5	U
205-99-2	Benzo(b)fluoranthene		5	U
207-08-9	Benzo(k)fluoranthene		5	U

0372

1C cont

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCD08

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 5224002

Sample wt/vol: 1041 (g/mL)ML Lab File ID: gl0110.d

Level: (low/med) LOW Date Received: 11/30/07

% Moisture: not dec: dec: Date Extracted: 12/04/07

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/05/07

Injection Volume: 1 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Extraction: Sepf

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	LOQ	UG/L	Q
50-32-8	Benzo(a)pyrene			5	U
193-39-5	Indeno(1,2,3-cd)pyrene			5	U
53-70-3	Dibenz(a,h)anthracene			5	U
191-24-2	Benzo(g,h,i)perylene			5	U

BCD08

Lancaster Labs
Quantitation Report GC/MS Semi-Volatiles

5224002

Data file: /chem/HP11165.i/07dec04a.b/gl0110.d Blank Data file reference:**/chem/HP11165.i/07dec04a.b/gl0092.d**
Injection date and time: 05-DEC-2007 02:52 Instrument ID: HP11165.i Batch: 07337WAD
Date, time and analyst ID of latest file update: 06-Dec-2007 15:35 gjd01970

Method used: /chem/HP11165.i/07dec04a.b/minti.m Sublist used: **WTC8**
Calibration date and time (Last Method Edit): 04-DEC-2007 22:50
Mid Level Daily Calibration Standard Reference: /chem/HP11165.i/07dec04a.b/gl0091.d

Sample Concentration Formula: On-Column Amount * DF * Uf * Vt/(Vo * Vi) Matrix: WATER GPC Cleanup: No

Dilution Factor (DF): 1 Unit Correction Factor (Uf): 1 Volume Injected (Vi): 1 ul
GPC Cleanup Factor (gpcf): 1 Sample Volume (Vo): 1041.0 ml Final Extract Volume (Vt): 1000 ul

Internal Standards	RT (+/-RT)	Scan	QIon	Area (+/- %Area)	Conc (ng/ul)	QC Flag
21) 1,4-Dichlorobenzene-d4	4.923(0.005)	633	152.0	92532(-18)	40.00	
52) Naphthalene-d8	6.078(0.005)	849	136.0	376681(-23)	40.00	
97) Acenaphthene-d10	7.554(0.011)	1125	164.0	244175(-23)	40.00	
134) Phenanthrene-d10	8.774(0.011)	1353	188.0	510537(-20)	40.00	
166) Chrysene-d12	10.956(0.011)	1761	240.0	531743(-27)	40.00	
174) Perylene-d12	12.411(0.011)	2033	264.0	412464(-28)	40.00	

= RETENTION TIME OUT OF RANGE * = INTERNAL STANDARD OUT OF RANGE NC = NOT ABLE TO CALCULATE

Surrogate Standards	I.S. Ref.	RT (+/-RRT)	QIon	Area	Conc. (on column)	%Rec.	QC flags	QC Limits
9) 2-Fluorophenol	(1)	3.634(0.001)	112	368456	93.544	47%		10 - 103
15) Phenol-d6	(1)	4.634(0.001)	99	357666	65.003	33%		10 - 82
38) Nitrobenzene-d5	(2)	5.447(0.001)	82	440545	86.694	87%		51 - 123
77) 2-Fluorobiphenyl	(3)	7.014(-0.001)	172	701661	85.227	85%		63 - 118
118) 2,4,6-Tribromophenol	(3)	8.212(-0.001)	330	273127	196.914	98%		20 - 159
155) Terphenyl-d14	(5)	10.095(0.000)	244	824922	71.560	72%		52 - 151

= RELATIVE RETENTION TIME OUT OF RANGE * = PERCENT REC.OUT OF RANGE D = DILUTED OUT NC = NOT ABLE TO CALCULATE

Target Compounds	I.S. Ref.	RT (+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit (ng/ul)
16) Phenol	(1)				Below MDL, Do not report				1.00
18) bis(2-Chloroethyl)ether	(1)				Below MDL, Do not report				1.00
19) 2-Chlorophenol	(1)				ND	ND			1.00
20) 1,3-Dichlorobenzene	(1)				ND	ND			1.00
22) 1,4-Dichlorobenzene	(1)				ND	ND			1.00
25) 1,2-Dichlorobenzene	(1)				ND	ND			1.00
26) 2-Methylphenol	(1)				Below MDL, Do not report				1.00
27) 2,2'-oxybis(1-Chloropropane)	(1)				Below MDL, Do not report				1.00
31) N-Nitroso-di-n-propylamine	(1)				ND	ND			1.00
33) 4-Methylphenol	(1)				Below MDL, Do not report				2.00
37) Hexachloroethane	(1)				ND	ND			1.00
39) Nitrobenzene	(2)				Below MDL, Do not report				1.00
41) Isophorone	(2)				ND	ND			1.00
42) 2-Nitrophenol	(2)				ND	ND			1.00
44) 2,4-Dimethylphenol	(2)				Below MDL, Do not report				3.00
46) bis(2-Chloroethoxy)methane	(2)				ND	ND			1.00
49) 2,4-Dichlorophenol	(2)				Below MDL, Do not report				1.00
50) 1,2,4-Trichlorobenzene	(2)				ND	ND			1.00
53) Naphthalene	(2)				Below MDL, Do not report				1.00
55) 4-Chloroaniline	(2)				ND	ND			1.00
59) Hexachlorobutadiene	(2)	6.212(0.000)	225	8402	4.579	4.40			1.00
67) 4-Chloro-3-methylphenol	(2)				ND	ND			1.00
69) 2-Methylnaphthalene	(2)				Below MDL, Do not report				1.00

BCD08

Lancaster Labs
Quantitation Report GC/MS Semi-Volatiles

5224002

Data file: /chem/HP11165.i/07dec04a.b/g10110.d Blank Data file reference:**/chem/HP11165.i/07dec04a.b/g10092.d**
Injection date and time: 05-DEC-2007 02:52 Instrument ID: HP11165.i Batch: 07337WAD
Date, time and analyst ID of latest file update: 06-Dec-2007 15:35 gjd01970

Method used: /chem/HP11165.i/07dec04a.b/minti.m Sublist used: **WTC8**
Calibration date and time (Last Method Edit): 04-DEC-2007 22:50
Mid Level Daily Calibration Standard Reference: /chem/HP11165.i/07dec04a.b/g10091.d

Sample Concentration Formula: On-Column Amount * DF * Uf * Vt/(Vo * Vi) Matrix: WATER GPC Cleanup: No

Dilution Factor (DF): 1 Unit Correction Factor (Uf): 1 Volume Injected (Vi): 1 ul
GPC Cleanup Factor (gpcf): 1 Sample Volume (Vo): 1041.0 ml Final Extract Volume (Vt): 1000 ul

Target Compounds	I.S. Ref.	RT	(+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit (ng/ul)
71) Hexachlorocyclopentadiene	(3)					ND	ND			5.00
74) 2,4,6-Trichlorophenol	(3)					Below MDL, Do not report				1.00
76) 2,4,5-Trichlorophenol	(3)					Below MDL, Do not report				1.00
83) 2-Chloronaphthalene	(3)					Below MDL, Do not report				2.00
88) 2-Nitroaniline	(3)					Below MDL, Do not report				1.00
91) Dimethylphthalate	(3)					ND	ND			2.00
93) 2,6-Dinitrotoluene	(3)					ND	ND			1.00
94) Acenaphthylene	(3)					Below MDL, Do not report				1.00
96) 3-Nitroaniline	(3)					Below MDL, Do not report				1.00
98) Acenaphthene	(3)					Below MDL, Do not report				1.00
99) 2,4-Dinitrophenol	(3)					Below MDL, Do not report				20.00
102) 4-Nitrophenol	(3)					Below MDL, Do not report				10.00
103) Dibenzofuran	(3)					Below MDL, Do not report				1.00
104) 2,4-Dinitrotoluene	(3)					ND	ND			1.00
108) Diethylphthalate	(3)					ND	ND			2.00
110) Fluorene	(3)					ND	ND			1.00
111) 4-Chlorophenyl-phenylether	(3)					ND	ND			2.00
113) 4-Nitroaniline	(3)					Below MDL, Do not report				1.00
114) 4,6-Dinitro-2-methylphenol	(4)					ND	ND			5.00
116) N-Nitrosodiphenylamine	(4)					Below MDL, Do not report				2.00
124) 4-Bromophenyl-phenylether	(4)					ND	ND			1.00
126) Hexachlorobenzene	(4)					ND	ND			1.00
130) Pentachlorophenol	(4)					ND	ND			3.00
136) Phenanthrene	(4)					Below MDL, Do not report				1.00
137) Anthracene	(4)					Below MDL, Do not report				1.00
139) Carbazole	(4)					Below MDL, Do not report				1.00
141) Di-n-butylphthalate	(4)					Below MDL, Do not report				2.00
146) Fluoranthene	(4)					Below MDL, Do not report				1.00
153) Pyrene	(5)					Below MDL, Do not report				1.00
160) Butylbenzylphthalate	(5)					Below MDL, Do not report				2.00
163) 3,3'-Dichlorobenzidine	(5)					Below MDL, Do not report				2.00
165) Benzo(a)anthracene	(5)					Below MDL, Do not report				1.00
167) Chrysene	(5)					Below MDL, Do not report				1.00
168) bis(2-Ethylhexyl)phthalate	(5)					Below MDL, Do not report				2.00
169) Di-n-octylphthalate	(6)					ND	ND			2.00
171) Benzo(b)fluoranthene	(6)					Below MDL, Do not report				1.00
172) Benzo(k)fluoranthene	(6)					Below MDL, Do not report				1.00
173) Benzo(a)pyrene	(6)					Below MDL, Do not report				1.00
176) Indeno(1,2,3-cd)pyrene	(6)					ND	ND			1.00
177) Dibenz(a,h)anthracene	(6)					ND	ND			1.00

BCD08

Lancaster Labs
Quantitation Report GC/MS Semi-Volatiles

5224002

Data file: /chem/HP11165.i/07dec04a.b/gl0110.d Blank Data file reference:**/chem/HP11165.i/07dec04a.b/gl0092.d**
Injection date and time: 05-DEC-2007 02:52 Instrument ID: HP11165.i Batch: 07337WAD
Date, time and analyst ID of latest file update: 06-Dec-2007 15:35 gjd01970

Method used: /chem/HP11165.i/07dec04a.b/minti.m Sublist used: **WTC8**
Calibration date and time (Last Method Edit): 04-DEC-2007 22:50
Mid Level Daily Calibration Standard Reference: /chem/HP11165.i/07dec04a.b/gl0091.d

Sample Concentration Formula: On-Column Amount * DF * Uf * Vt/(Vo * Vi) Matrix: WATER GPC Cleanup: No

Dilution Factor (DF): 1 Unit Correction Factor (Uf): 1 Volume Injected (Vi): 1 ul
GPC Cleanup Factor (gpcf): 1 Sample Volume (Vo): 1041.0 ml Final Extract Volume (Vt): 1000 ul

Target Compounds	I.S. Ref.	RT	(+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit (ng/ul)
178) Benzo(g,h,i)perylene	(6)					ND	ND			1.00

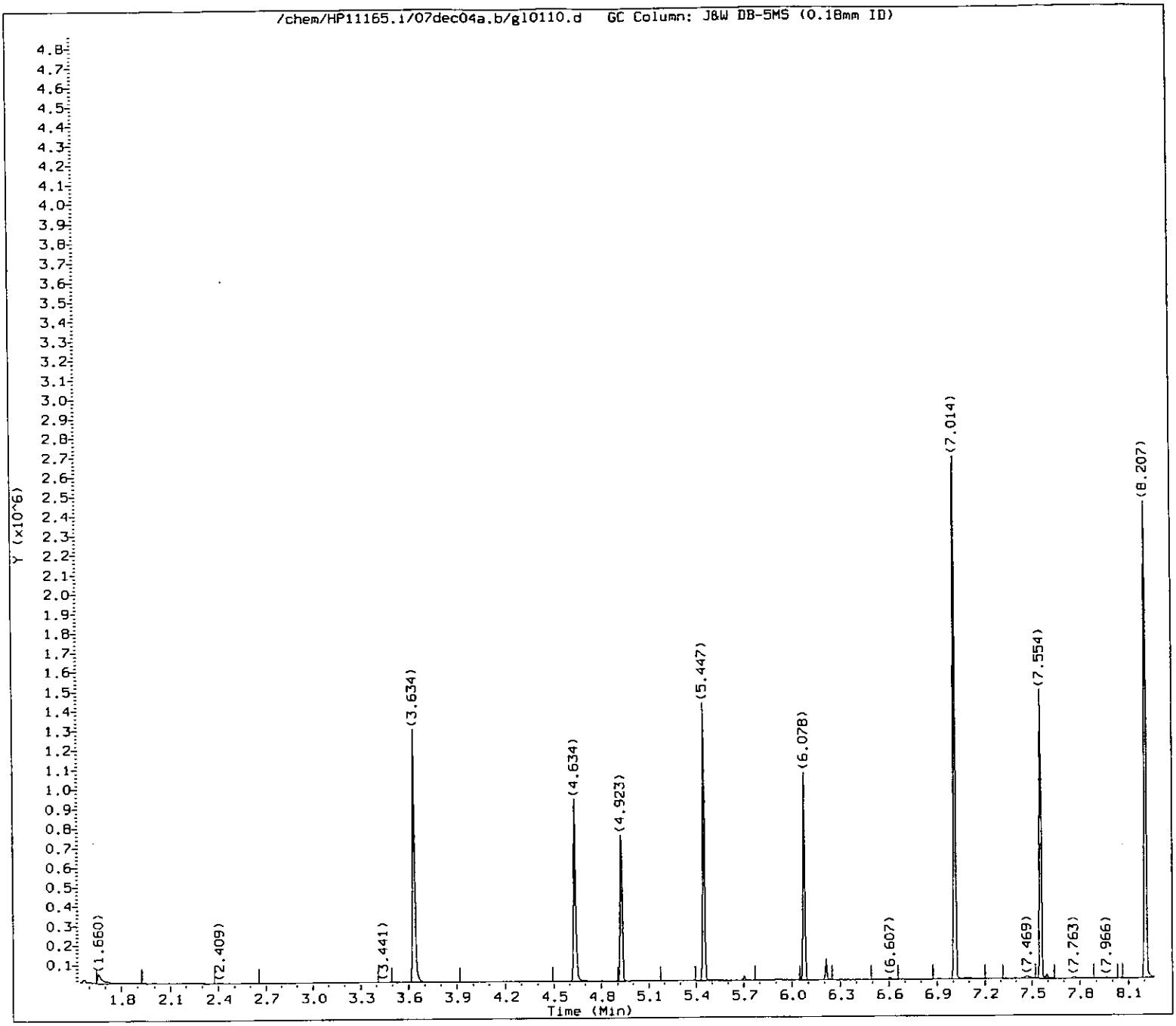
E = CONC. OUT OF CAL. RANGE # = RELATIVE RETENTION TIME OUT OF RANGE

Total number of targets = 64

Comments: _____

Analyst: 1970 Date: 12/6/07
Auditor: _____ Date: 12/7/07

8376



Quant Report

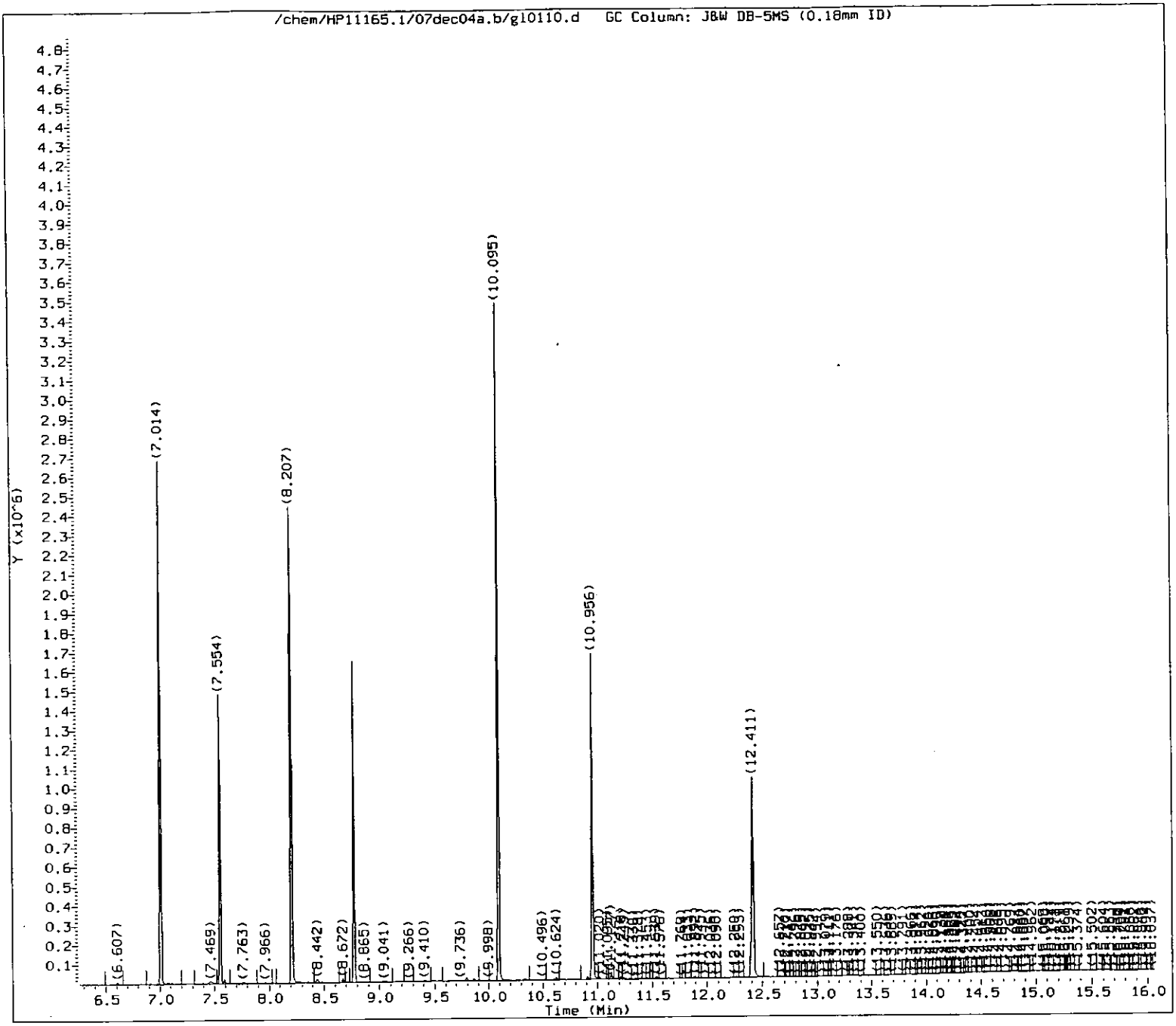
Target Revision 3.5

Data File: /chem/HP11165.i/07dec04a.b/gl0110.d Instrument ID: HP11165.i
Injection date and time: 05-DEC-2007 02:52 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07dec04a.b/minti.m Sublist used: WTC8
Calibration date and time: 04-DEC-2007 22:50
Date, time and analyst ID of latest file update: 06-Dec-2007 15:35 gjd01970

Sample Name: BCD08 Lab Sample ID: 5224002

8377 GJ/12
12/6/07



Quant Report

Target Revision 3.5

Data File: /chem/HP11165.i/07dec04a.b/gl0110.d Instrument ID: HP11165.i
Injection date and time: 05-DEC-2007 02:52 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07dec04a.b/minti.m Sublist used: WTC8
Calibration date and time: 04-DEC-2007 22:50
Date, time and analyst ID of latest file update: 06-Dec-2007 15:35 gjd01970

Sample Name: BCD08 Lab Sample ID: 5224002

837 BB/PO
12/16/07

Quant Report

Target Revision 3.5

Data File: /chem/HP11165.i/07dec04a.b/gl0110.d Instrument ID: HP11165.i
Injection date and time: 05-DEC-2007 02:52 Analyst ID: gjd01970

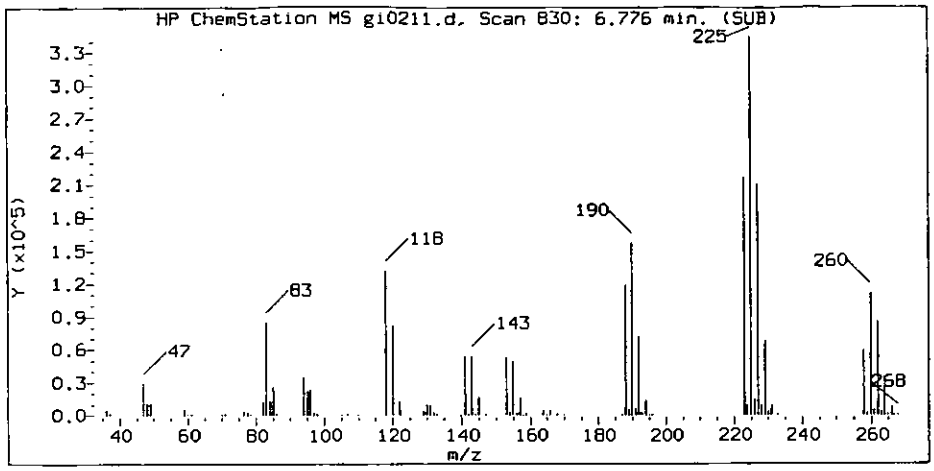
Method used: /chem/HP11165.i/07dec04a.b/minti.m Sublist used: WTC8
Calibration date and time: 04-DEC-2007 22:50
Date, time and analyst ID of latest file update: 06-Dec-2007 15:35 gjd01970

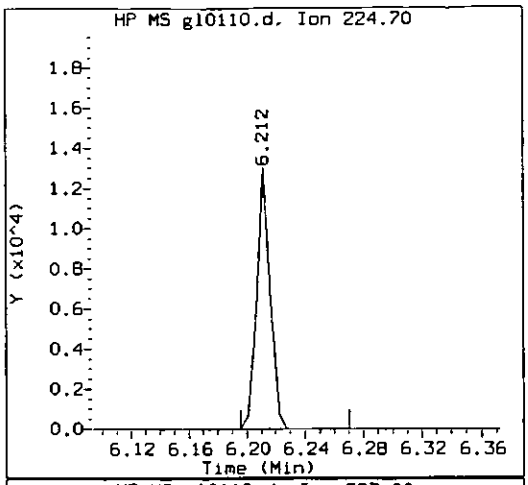
Sample Name: BCD08 Lab Sample ID: 5224002

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
21) 1,4-Dichlorobenzene-d4	(1)	4.923	152	92532	40.000
52) Naphthalene-d8	(2)	6.078	136	376681	40.000
59) Hexachlorobutadiene	(2)	6.212	225	8402	4.579
97) Acenaphthene-d10	(3)	7.554	164	244175	40.000
134) Phenanthrene-d10	(4)	8.774	188	510537	40.000
166) Chrysene-d12	(5)	10.956	240	531743	40.000
174) Perylene-d12	(6)	12.411	264	412464	40.000
9) 2-Fluorophenol	(1)	3.634	112	368456	93.544
15) Phenol-d6	(1)	4.634	99	357666	65.003
38) Nitrobenzene-d5	(2)	5.447	82	440545	86.694
77) 2-Fluorobiphenyl	(3)	7.014	172	701661	85.227
118) 2,4,6-Tribromophenol	(3)	8.212	330	273127	196.914
155) Terphenyl-d14	(5)	10.095	244	824922	71.560

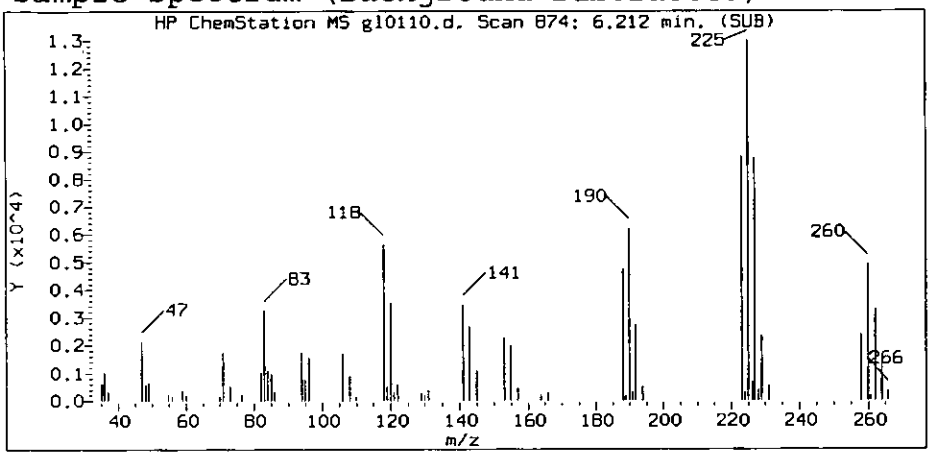
M = Compound was manually integrated. A = User selected an alternate hit

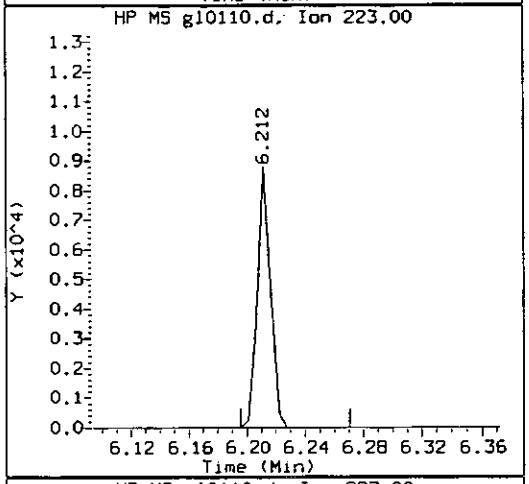
Reference Standard Spectrum for Hexachlorobutadiene



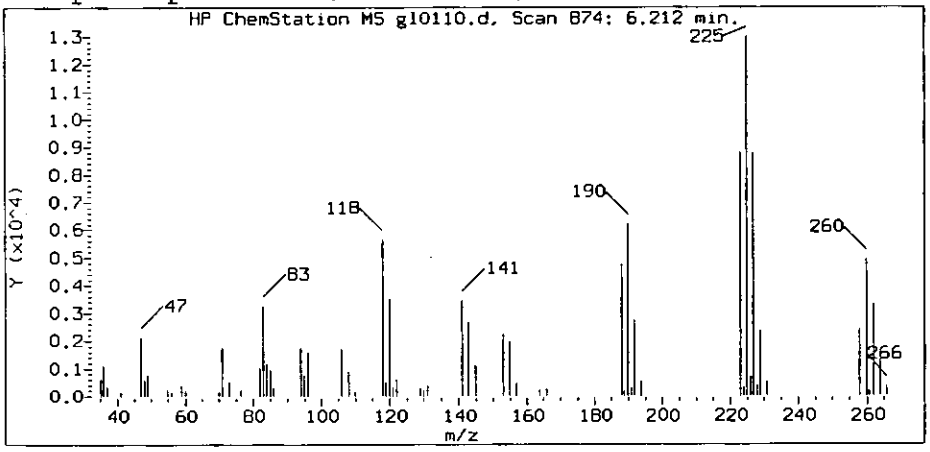


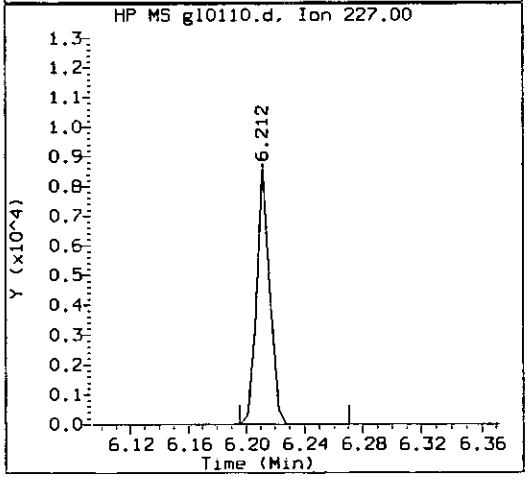
Sample Spectrum (Background Subtracted)





Sample Spectrum (Unaltered)





Data File: /chem/HP11165.i/07dec04a.b/g10110.d
Injection date and time: 05-DEC-2007 02:52

Instrument ID: HP11165.i
Analyst ID: gjd01970

Method used: /chem/HP11165.i/07dec04a.b/minti.m
Calibration date and time: 04-DEC-2007 22:50

Sublist used: WTC8

Date, time and analyst ID of latest file update: 05-Dec-2007 05:21 jmg00346

Sample Name: BCD08

Lab Sample ID: 5224002

Compound Number	: 59
Compound Name	: Hexachlorobutadiene
Scan Number	: 874
Retention Time (minutes)	: 6.212
Quant Ion	: 224.7
Area (flag)	: 8402
Concentration (ng/ul)	: 4.5790

0350

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCOR2

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 5224003

Sample wt/vol: 1001 (g/mL)ML Lab File ID: gl0111.d

Level: (low/med) LOW Date Received: 11/30/07

% Moisture: not dec: dec: Date Extracted: 12/04/07

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/05/07

Injection Volume: 1 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Extraction: Sepf

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	LOQ	UG/L	Q
108-95-2	Phenol			5	U
111-44-4	bis(2-Chloroethyl)ether			5	U
95-57-8	2-Chlorophenol			5	U
541-73-1	1,3-Dichlorobenzene			5	U
106-46-7	1,4-Dichlorobenzene			5	U
95-50-1	1,2-Dichlorobenzene			5	U
95-48-7	2-Methylphenol			5	U
108-60-1	2,2'-oxybis(1-Chloropropane)			5	U
621-64-7	N-Nitroso-di-n-propylamine			5	U
106-44-5	4-Methylphenol			5	U
67-72-1	Hexachloroethane			5	U
98-95-3	Nitrobenzene			5	U
78-59-1	Isophorone			5	U
88-75-5	2-Nitrophenol			5	U
105-67-9	2,4-Dimethylphenol			10	U
111-91-1	bis(2-Chloroethoxy)methane			5	U
120-83-2	2,4-Dichlorophenol			5	U
120-82-1	1,2,4-Trichlorobenzene			5	U
91-20-3	Naphthalene			5	U
106-47-8	4-Chloroaniline			5	U
87-68-3	Hexachlorobutadiene			5	U
59-50-7	4-Chloro-3-methylphenol			5	U
91-57-6	2-Methylnaphthalene			5	U
77-47-4	Hexachlorocyclopentadiene			15	U
88-06-2	2,4,6-Trichlorophenol			5	U
95-95-4	2,4,5-Trichlorophenol			5	U
91-58-7	2-Chloronaphthalene			5	U
88-74-4	2-Nitroaniline			5	U
131-11-3	Dimethylphthalate			5	U
606-20-2	2,6-Dinitrotoluene			5	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCOR2

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 5224003

Sample wt/vol: 1001 (g/mL)ML Lab File ID: gl0111.d

Level: (low/med) LOW Date Received: 11/30/07

% Moisture: not dec: dec: Date Extracted: 12/04/07

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/05/07

Injection Volume: 1 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Extraction: Sepf

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) LOQ UG/L	Q
208-96-8	Acenaphthylene	5	U
99-09-2	3-Nitroaniline	5	U
83-32-9	Acenaphthene	5	U
51-28-5	2,4-Dinitrophenol	60	U
100-02-7	4-Nitrophenol	30	U
132-64-9	Dibenzofuran	5	U
121-14-2	2,4-Dinitrotoluene	5	U
84-66-2	Diethylphthalate	5	U
86-73-7	Fluorene	5	U
7005-72-3	4-Chlorophenyl-phenylether	5	U
100-01-6	4-Nitroaniline	5	U
534-52-1	4,6-Dinitro-2-methylphenol	15	U
86-30-6	N-Nitrosodiphenylamine	5	U
101-55-3	4-Bromophenyl-phenylether	5	U
118-74-1	Hexachlorobenzene	5	U
87-86-5	Pentachlorophenol	15	U
85-01-8	Phenanthrene	5	U
120-12-7	Anthracene	5	U
86-74-8	Carbazole	5	U
84-74-2	Di-n-butylphthalate	5	U
206-44-0	Fluoranthene	5	U
129-00-0	Pyrene	5	U
85-68-7	Butylbenzylphthalate	5	U
91-94-1	3,3'-Dichlorobenzidine	5	U
56-55-3	Benzo(a)anthracene	5	U
218-01-9	Chrysene	5	U
117-81-7	bis(2-Ethylhexyl)phthalate	5	U
117-84-0	Di-n-octylphthalate	5	U
205-99-2	Benzo(b)fluoranthene	5	U
207-08-9	Benzo(k)fluoranthene	5	U

0382

1C cont

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCOR2

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 5224003

Sample wt/vol: 1001 (g/mL) ML Lab File ID: gl0111.d

Level: (low/med) LOW Date Received: 11/30/07

% Moisture: not dec: dec: Date Extracted: 12/04/07

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/05/07

Injection Volume: 1 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Extraction: Sepf

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	LOQ	UG/L	Q
50-32-8	Benzo(a)pyrene			5	U
193-39-5	Indeno(1,2,3-cd)pyrene			5	U
53-70-3	Dibenz(a,h)anthracene			5	U
191-24-2	Benzo(g,h,i)perylene			5	U

BCOR2

Lancaster Labs
Quantitation Report GC/MS Semi-Volatiles

5224003

Data file: /chem/HP11165.i/07dec04a.b/gl0111.d Blank Data file reference:/chem/HP11165.i/07dec04a.b/gl0092.d
Injection date and time: 05-DEC-2007 03:16 Instrument ID: HP11165.i Batch: 07337WAD
Date, time and analyst ID of latest file update: 05-Dec-2007 07:00 jmg00346

Method used: /chem/HP11165.i/07dec04a.b/minti.m Sublist used: WTC8
Calibration date and time (Last Method Edit): 04-DEC-2007 22:50
Mid Level Daily Calibration Standard Reference: /chem/HP11165.i/07dec04a.b/gl0091.d

Sample Concentration Formula: On-Column Amount * DF * Uf * Vt/(Vo * Vi) Matrix: WATER GPC Cleanup: No

Dilution Factor (DF): 1 Unit Correction Factor (Uf): 1 Volume Injected (Vi): 1 ul
GPC Cleanup Factor (gpcf): 1 Sample Volume (Vo): 1001.0 ml Final Extract Volume (Vt): 1000 ul

Internal Standards	RT (+/-RT)	Scan	QIon	Area(+/- %Area)	Conc(ng/ul)	QC Flag
21) 1,4-Dichlorobenzene-d4	4.923(0.005)	633	152.0	90725(-20)	40.00	
52) Naphthalene-d8	6.078(0.005)	849	136.0	377096(-23)	40.00	
97) Acenaphthene-d10	7.554(0.011)	1125	164.0	249864(-21)	40.00	
134) Phenanthrene-d10	8.774(0.011)	1353	188.0	516261(-19)	40.00	
166) Chrysene-d12	10.950(0.016)	1760	240.0	540194(-25)	40.00	
174) Perylene-d12	12.405(0.016)	2032	264.0	419352(-27)	40.00	

= RETENTION TIME OUT OF RANGE * = INTERNAL STANDARD OUT OF RANGE NC = NOT ABLE TO CALCULATE

Surrogate Standards	I.S. Ref.	RT (+/-RRT)	QIon	Area	Conc. (on column)	%Rec.	QC flags	QC Limits
9) 2-Fluorophenol	(1)	3.634(0.001)	112	409511	106.038	53%		10 - 103
15) Phenol-d6	(1)	4.634(0.001)	99	412472	76.456	38%		10 - 82
38) Nitrobenzene-d5	(2)	5.447(0.001)	82	442850	87.052	87%		51 - 123
77) 2-Fluorobiphenyl	(3)	7.014(-0.001)	172	715887	84.975	85%		63 - 118
118) 2,4,6-Tribromophenol	(3)	8.207(0.000)	330	259595	182.896	91%		20 - 159
155) Terphenyl-d14	(5)	10.095(-0.001)	244	928908	79.320	79%		52 - 151

= RELATIVE RETENTION TIME OUT OF RANGE * = PERCENT REC.OUT OF RANGE D = DILUTED OUT NC = NOT ABLE TO CALCULATE

Target Compounds	I.S. Ref.	RT (+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit (ng/ul)
16) Phenol	(1)				Below MDL, Do not report				1.00
18) bis(2-Chloroethyl)ether	(1)				Below MDL, Do not report				1.00
19) 2-Chlorophenol	(1)				Below MDL, Do not report				1.00
20) 1,3-Dichlorobenzene	(1)				ND	ND			1.00
22) 1,4-Dichlorobenzene	(1)				ND	ND			1.00
25) 1,2-Dichlorobenzene	(1)				ND	ND			1.00
26) 2-Methylphenol	(1)				Below MDL, Do not report				1.00
27) 2,2'-oxybis(1-Chloropropane)	(1)				Below MDL, Do not report				1.00
31) N-Nitroso-di-n-propylamine	(1)				ND	ND			1.00
33) 4-Methylphenol	(1)				Below MDL, Do not report				2.00
37) Hexachloroethane	(1)				ND	ND			1.00
39) Nitrobenzene	(2)				Below MDL, Do not report				1.00
41) Isophorone	(2)				Below MDL, Do not report				1.00
42) 2-Nitrophenol	(2)				ND	ND			1.00
44) 2,4-Dimethylphenol	(2)				Below MDL, Do not report				3.00
46) bis(2-Chloroethoxy)methane	(2)				Below MDL, Do not report				1.00
49) 2,4-Dichlorophenol	(2)				Below MDL, Do not report				1.00
50) 1,2,4-Trichlorobenzene	(2)				ND	ND			1.00
53) Naphthalene	(2)				Below MDL, Do not report				1.00
55) 4-Chloroaniline	(2)				ND	ND			1.00
59) Hexachlorobutadiene	(2)				ND	ND			1.00
67) 4-Chloro-3-methylphenol	(2)				Below MDL, Do not report				1.00
69) 2-Methylnaphthalene	(2)				Below MDL, Do not report				1.00

BCOR2

Lancaster Labs
Quantitation Report GC/MS Semi-Volatiles

5224003

Data file: /chem/HP11165.i/07dec04a.b/gl0111.d Blank Data file reference:**/chem/HP11165.i/07dec04a.b/gl0092.d**
Injection date and time: 05-DEC-2007 03:16 Instrument ID: HP11165.i Batch: 07337WAD
Date, time and analyst ID of latest file update: 05-Dec-2007 07:00 jmg00346

Method used: /chem/HP11165.i/07dec04a.b/minti.m Sublist used: **WTC8**
Calibration date and time (Last Method Edit): 04-DEC-2007 22:50
Mid Level Daily Calibration Standard Reference: /chem/HP11165.i/07dec04a.b/gl0091.d

Sample Concentration Formula: On-Column Amount * DF * Uf * Vt/(Vo * Vi) Matrix: WATER GPC Cleanup: No

Dilution Factor (DF): 1 Unit Correction Factor (Uf): 1 Volume Injected (Vi): 1 ul
GPC Cleanup Factor (gpcf): 1 Sample Volume (Vo): 1001.0 ml Final Extract Volume (Vt): 1000 ul

Target Compounds	I.S. Ref.	RT	(+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit (ng/ul)
71) Hexachlorocyclopentadiene	(3)					ND	ND			5.00
74) 2,4,6-Trichlorophenol	(3)					Below MDL, Do not report				1.00
76) 2,4,5-Trichlorophenol	(3)					Below MDL, Do not report				1.00
83) 2-Chloronaphthalene	(3)					Below MDL, Do not report				2.00
88) 2-Nitroaniline	(3)					Below MDL, Do not report				1.00
91) Dimethylphthalate	(3)					ND	ND			2.00
93) 2,6-Dinitrotoluene	(3)					Below MDL, Do not report				1.00
94) Acenaphthylene	(3)					Below MDL, Do not report				1.00
96) 3-Nitroaniline	(3)					Below MDL, Do not report				1.00
98) Acenaphthene	(3)					Below MDL, Do not report				1.00
99) 2,4-Dinitrophenol	(3)					ND	ND			20.00
102) 4-Nitrophenol	(3)					Below MDL, Do not report				10.00
103) Dibenzofuran	(3)					Below MDL, Do not report				1.00
104) 2,4-Dinitrotoluene	(3)					ND	ND			1.00
108) Diethylphthalate	(3)					Below MDL, Do not report				2.00
110) Fluorene	(3)					ND	ND			1.00
111) 4-Chlorophenyl-phenylether	(3)					ND	ND			2.00
113) 4-Nitroaniline	(3)					Below MDL, Do not report				1.00
114) 4,6-Dinitro-2-methylphenol	(4)					ND	ND			5.00
116) N-Nitrosodiphenylamine	(4)					Below MDL, Do not report				2.00
124) 4-Bromophenyl-phenylether	(4)					ND	ND			1.00
126) Hexachlorobenzene	(4)					ND	ND			1.00
130) Pentachlorophenol	(4)					ND	ND			3.00
136) Phenanthrene	(4)					Below MDL, Do not report				1.00
137) Anthracene	(4)					Below MDL, Do not report				1.00
139) Carbazole	(4)					Below MDL, Do not report				1.00
141) Di-n-butylphthalate	(4)					Below MDL, Do not report				2.00
146) Fluoranthene	(4)					Below MDL, Do not report				1.00
153) Pyrene	(5)					Below MDL, Do not report				1.00
160) Butylbenzylphthalate	(5)					Below MDL, Do not report				2.00
163) 3,3'-Dichlorobenzidine	(5)					Below MDL, Do not report				2.00
165) Benzo(a)anthracene	(5)					Below MDL, Do not report				1.00
167) Chrysene	(5)					Below MDL, Do not report				1.00
168) bis(2-Ethylhexyl)phthalate	(5)					Below MDL, Do not report				2.00
169) Di-n-octylphthalate	(6)					ND	ND			2.00
171) Benzo(b)fluoranthene	(6)					Below MDL, Do not report				1.00
172) Benzo(k)fluoranthene	(6)					Below MDL, Do not report				1.00
173) Benzo(a)pyrene	(6)					Below MDL, Do not report				1.00
176) Indeno(1,2,3-cd)pyrene	(6)					ND	ND			1.00
177) Dibenz(a,h)anthracene	(6)					ND	ND			1.00

BCOR2

Lancaster Labs
Quantitation Report GC/MS Semi-Volatiles

5224003

Data file: /chem/HP11165.i/07dec04a.b/gl0111.d Blank Data file reference:**/chem/HP11165.i/07dec04a.b/gl0092.d**
Injection date and time: 05-DEC-2007 03:16 Instrument ID: HP11165.i Batch: 07337WAD
Date, time and analyst ID of latest file update: 05-Dec-2007 07:00 jmg00346

Method used: /chem/HP11165.i/07dec04a.b/minti.m Sublist used: **WTC8**
Calibration date and time (Last Method Edit): 04-DEC-2007 22:50
Mid Level Daily Calibration Standard Reference: /chem/HP11165.i/07dec04a.b/gl0091.d

Sample Concentration Formula: On-Column Amount * DF * Uf * Vt/(Vo * Vi) Matrix: WATER GPC Cleanup: No

Dilution Factor (DF): 1 Unit Correction Factor (Uf): 1 Volume Injected (Vi): 1 ul
GPC Cleanup Factor (gpcf): 1 Sample Volume (Vo): 1001.0 ml Final Extract Volume (Vt): 1000 ul

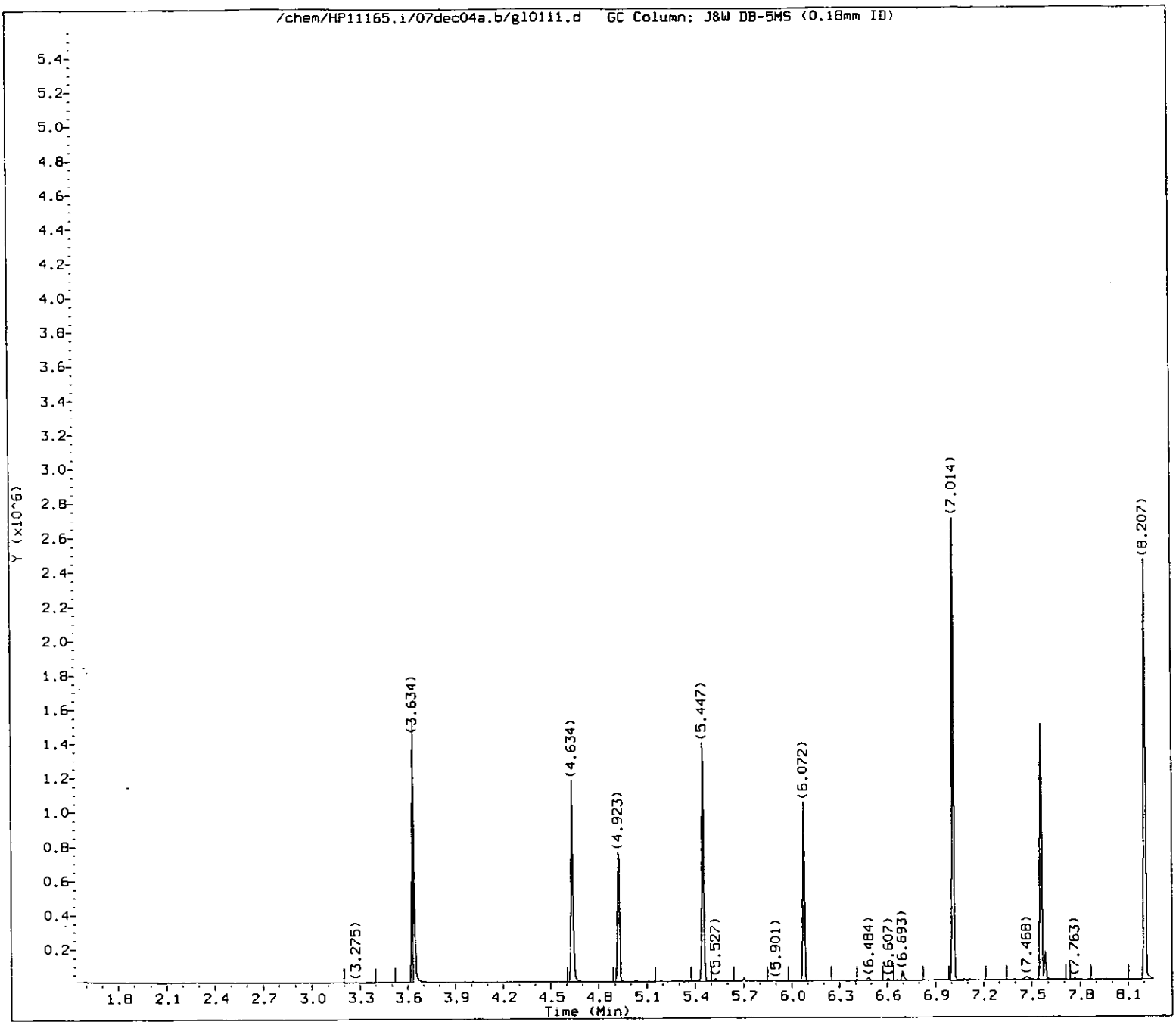
Target Compounds	I.S. Ref.	RT	(+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit (ng/ul)
178) Benzo(g,h,i)perylene	(6)					ND	ND			1.00

E = CONC. OUT OF CAL. RANGE # = RELATIVE RETENTION TIME OUT OF RANGE

Total number of targets = 64

Comments:

Analyst: Date: 12-5-07
Auditor: Date: 12/9/07



Quant Report

Target Revision 3.5

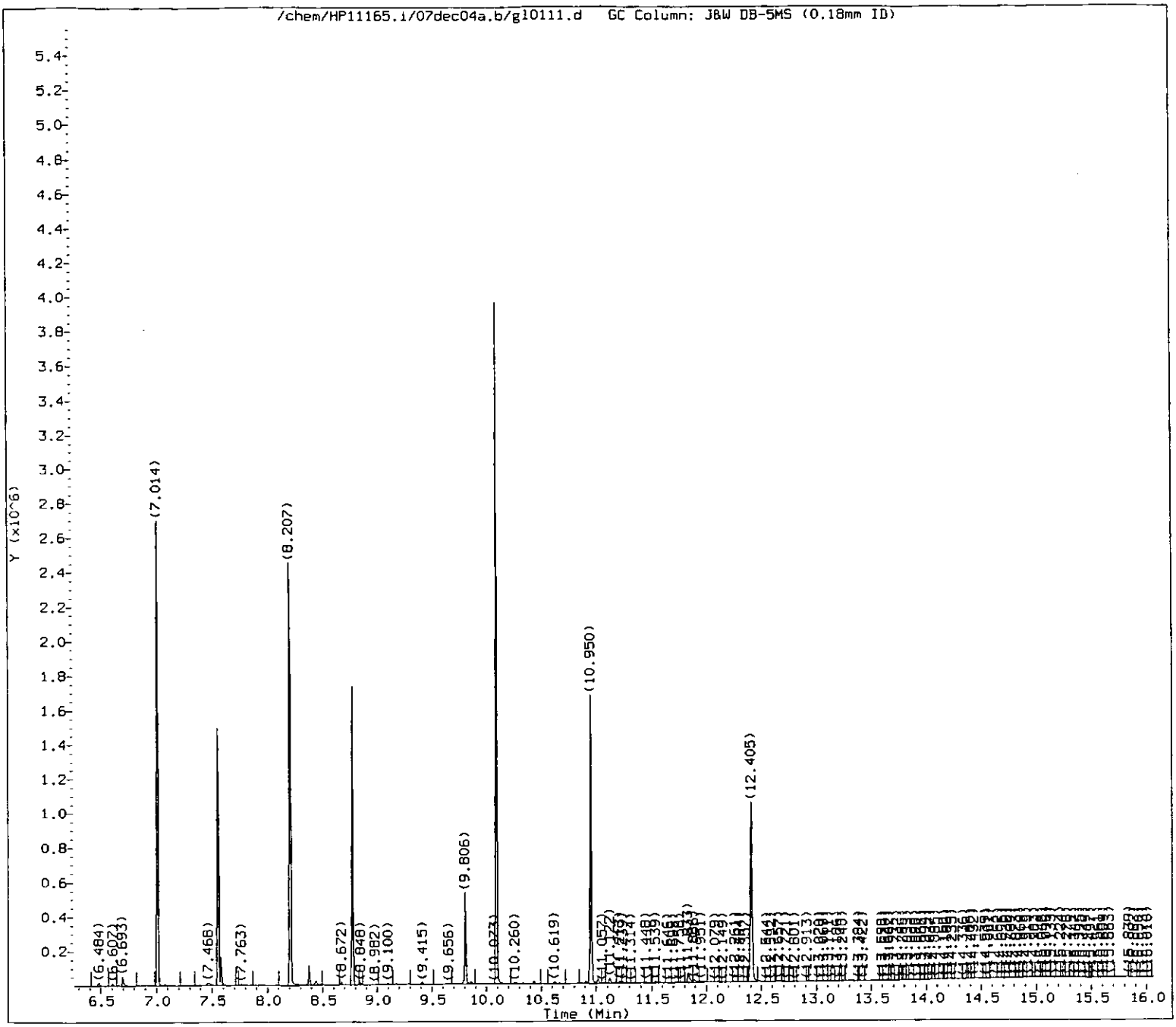
Data File: /chem/HP11165.i/07dec04a.b/gl0111.d Instrument ID: HP11165.i
Injection date and time: 05-DEC-2007 03:16 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07dec04a.b/minti.m Sublist used: WTC8
Calibration date and time: 04-DEC-2007 22:50
Date, time and analyst ID of latest file update: 05-Dec-2007 05:22 jmg00346

Sample Name: BCOR2 Lab Sample ID: 5224003

0387

JMG 12.5.07



Quant Report

Target Revision 3.5

Data File: /chem/HP11165.i/07dec04a.b/gl0111.d Instrument ID: HP11165.i
Injection date and time: 05-DEC-2007 03:16 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07dec04a.b/minti.m Sublist used: WTC8
Calibration date and time: 04-DEC-2007 22:50
Date, time and analyst ID of latest file update: 05-Dec-2007 05:22 jmg00346

Sample Name: BCOR2 Lab Sample ID: 5224003

0388

JMG 5416
12-5-07

Quant Report

Target Revision 3.5

Data File: /chem/HP11165.i/07dec04a.b/gl0111.d Instrument ID: HP11165.i
Injection date and time: 05-DEC-2007 03:16 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07dec04a.b/minti.m Sublist used: WTC8
Calibration date and time: 04-DEC-2007 22:50
Date, time and analyst ID of latest file update: 05-Dec-2007 07:00 jmg00346

Sample Name: BCOR2 Lab Sample ID: 5224003

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
21) 1,4-Dichlorobenzene-d4	(1)	4.923	152	90725	40.000
52) Naphthalene-d8	(2)	6.078	136	377096	40.000
97) Acenaphthene-d10	(3)	7.554	164	249864	40.000
134) Phenanthrene-d10	(4)	8.774	188	516261	40.000
166) Chrysene-d12	(5)	10.950	240	540194	40.000
174) Perylene-d12	(6)	12.405	264	419352	40.000
9) 2-Fluorophenol	(1)	3.634	112	409511	106.038
15) Phenol-d6	(1)	4.634	99	412472	76.456
38) Nitrobenzene-d5	(2)	5.447	82	442850	87.052
77) 2-Fluorobiphenyl	(3)	7.014	172	715887	84.975
118) 2,4,6-Tribromophenol	(3)	8.207	330	259595	182.896
155) Terphenyl-d14	(5)	10.095	244	928908	79.320

M = Compound was manually integrated. A = User selected an alternate hit

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCOS2

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 5224004

Sample wt/vol: 993 (g/mL)ML Lab File ID: gl0112.d

Level: (low/med) LOW Date Received: 11/30/07

% Moisture: not dec: dec: Date Extracted: 12/04/07

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/05/07

Injection Volume: 1 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Extraction: Sepf

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	LOQ	UG/L	Q
108-95-2	Phenol			5	U
111-44-4	bis(2-Chloroethyl)ether			5	U
95-57-8	2-Chlorophenol			5	U
541-73-1	1,3-Dichlorobenzene			5	U
106-46-7	1,4-Dichlorobenzene			5	U
95-50-1	1,2-Dichlorobenzene			5	U
95-48-7	2-Methylphenol			5	U
108-60-1	2,2'-oxybis(1-Chloropropane)			5	U
621-64-7	N-Nitroso-di-n-propylamine			5	U
106-44-5	4-Methylphenol			5	U
67-72-1	Hexachloroethane			5	U
98-95-3	Nitrobenzene			5	U
78-59-1	Isophorone			5	U
88-75-5	2-Nitrophenol			5	U
105-67-9	2,4-Dimethylphenol			10	U
111-91-1	bis(2-Chloroethoxy)methane			5	U
120-83-2	2,4-Dichlorophenol			5	U
120-82-1	1,2,4-Trichlorobenzene			5	U
91-20-3	Naphthalene			5	U
106-47-8	4-Chloroaniline			5	U
87-68-3	Hexachlorobutadiene			5	U
59-50-7	4-Chloro-3-methylphenol			5	U
91-57-6	2-Methylnaphthalene			5	U
77-47-4	Hexachlorocyclopentadiene			15	U
88-06-2	2,4,6-Trichlorophenol			5	U
95-95-4	2,4,5-Trichlorophenol			5	U
91-58-7	2-Chloronaphthalene			5	U
88-74-4	2-Nitroaniline			5	U
131-11-3	Dimethylphthalate			5	U
606-20-2	2,6-Dinitrotoluene			5	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCOS2

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 5224004

Sample wt/vol: 993 (g/mL)ML Lab File ID: gl0112.d

Level: (low/med) LOW Date Received: 11/30/07

% Moisture: not dec: dec: Date Extracted: 12/04/07

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/05/07

Injection Volume: 1 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Extraction: Sepf

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) LOQ UG/L	Q
208-96-8	Acenaphthylene	5	U
99-09-2	3-Nitroaniline	5	U
83-32-9	Acenaphthene	5	U
51-28-5	2,4-Dinitrophenol	60	U
100-02-7	4-Nitrophenol	30	U
132-64-9	Dibenzofuran	5	U
121-14-2	2,4-Dinitrotoluene	5	U
84-66-2	Diethylphthalate	5	U
86-73-7	Fluorene	5	U
7005-72-3	4-Chlorophenyl-phenylether	5	U
100-01-6	4-Nitroaniline	5	U
534-52-1	4,6-Dinitro-2-methylphenol	15	U
86-30-6	N-Nitrosodiphenylamine	5	U
101-55-3	4-Bromophenyl-phenylether	5	U
118-74-1	Hexachlorobenzene	5	U
87-86-5	Pentachlorophenol	15	U
85-01-8	Phenanthrene	5	U
120-12-7	Anthracene	5	U
86-74-8	Carbazole	5	U
84-74-2	Di-n-butylphthalate	5	U
206-44-0	Fluoranthene	5	U
129-00-0	Pyrene	5	U
85-68-7	Butylbenzylphthalate	5	U
91-94-1	3,3'-Dichlorobenzidine	5	U
56-55-3	Benzo(a)anthracene	5	U
218-01-9	Chrysene	5	U
117-81-7	bis(2-Ethylhexyl)phthalate	5	U
117-84-0	Di-n-octylphthalate	5	U
205-99-2	Benzo(b)fluoranthene	5	U
207-08-9	Benzo(k)fluoranthene	5	U

8391

1C cont

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCOS2

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 5224004

Sample wt/vol: 993 (g/mL) ML Lab File ID: gl0112.d

Level: (low/med) LOW Date Received: 11/30/07

% Moisture: not dec: dec: Date Extracted: 12/04/07

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/05/07

Injection Volume: 1 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Extraction: Sepf

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	LOQ	UG/L	Q
50-32-8	Benzo(a)pyrene		5	U	
193-39-5	Indeno(1,2,3-cd)pyrene		5	U	
53-70-3	Dibenz(a,h)anthracene		5	U	
191-24-2	Benzo(g,h,i)perylene		5	U	

BCOS2

Lancaster Labs
Quantitation Report GC/MS Semi-Volatiles

5224004

Data file: /chem/HP11165.i/07dec04a.b/gl0112.d Blank Data file reference:**/chem/HP11165.i/07dec04a.b/gl0092.d**
Injection date and time: 05-DEC-2007 03:41 Instrument ID: HP11165.i Batch: 07337WAD
Date, time and analyst ID of latest file update: 05-Dec-2007 07:03 jmg00346

Method used: /chem/HP11165.i/07dec04a.b/minti.m Sublist used: **WTC8**
Calibration date and time (Last Method Edit): 04-DEC-2007 22:50
Mid Level Daily Calibration Standard Reference: /chem/HP11165.i/07dec04a.b/gl0091.d

Sample Concentration Formula: On-Column Amount * DF * Uf * Vt/(Vo * Vi) Matrix: WATER GPC Cleanup: No

Dilution Factor (DF): 1 Unit Correction Factor (Uf): 1 Volume Injected (Vi): 1 ul
GPC Cleanup Factor (gpcf): 1 Sample Volume (Vo): 993.0 ml Final Extract Volume (Vt): 1000 ul

Internal Standards	RT (+/-RT)	Scan	QIon	Area(+/- %Area)	Conc(ng/ul)	QC Flag
21) 1,4-Dichlorobenzene-d4	4.922(0.005)	633	152.0	90557(-20)	40.00	
52) Naphthalene-d8	6.078(0.005)	849	136.0	369483(-25)	40.00	
97) Acenaphthene-d10	7.554(0.011)	1125	164.0	243785(-23)	40.00	
134) Phenanthrene-d10	8.773(0.011)	1353	188.0	496104(-23)	40.00	
166) Chrysene-d12	10.950(0.016)	1760	240.0	526176(-27)	40.00	
174) Perylene-d12	12.405(0.016)	2032	264.0	405785(-29)	40.00	

= RETENTION TIME OUT OF RANGE * = INTERNAL STANDARD OUT OF RANGE NC = NOT ABLE TO CALCULATE

Surrogate Standards	I.S. Ref.	RT (+/-RRT)	QIon	Area	Conc. (on column)	%Rec.	QC flags	QC Limits
9) 2-Fluorophenol	(1)	3.633(0.001)	112	387730	100.585	50%		10 - 103
15) Phenol-d6	(1)	4.628(0.002)	99	377222	70.052	35%		10 - 82
38) Nitrobenzene-d5	(2)	5.447(0.001)	82	452365	90.754	91%		51 - 123
77) 2-Fluorobiphenyl	(3)	7.014(-0.001)	172	730011	88.813	89%		63 - 118
118) 2,4,6-Tribromophenol	(3)	8.206(0.000)	330	282779	204.198	102%		20 - 159
155) Terphenyl-d14	(5)	10.095(-0.001)	244	930674	81.588	82%		52 - 151

= RELATIVE RETENTION TIME OUT OF RANGE * = PERCENT REC.OUT OF RANGE D = DILUTED OUT NC = NOT ABLE TO CALCULATE

Target Compounds	I.S. Ref.	RT (+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit (ng/ul)
16) Phenol	(1)				Below MDL, Do not report				1.00
18) bis(2-Chloroethyl)ether	(1)				ND	ND			1.00
19) 2-Chlorophenol	(1)				ND	ND			1.00
20) 1,3-Dichlorobenzene	(1)				ND	ND			1.00
22) 1,4-Dichlorobenzene	(1)				ND	ND			1.00
25) 1,2-Dichlorobenzene	(1)				ND	ND			1.00
26) 2-Methylphenol	(1)				Below MDL, Do not report				1.00
27) 2,2'-oxybis(1-Chloropropane)	(1)				Below MDL, Do not report				1.00
31) N-Nitroso-di-n-propylamine	(1)				ND	ND			1.00
33) 4-Methylphenol	(1)				Below MDL, Do not report				2.00
37) Hexachloroethane	(1)				ND	ND			1.00
39) Nitrobenzene	(2)				Below MDL, Do not report				1.00
41) Isophorone	(2)				Below MDL, Do not report				1.00
42) 2-Nitrophenol	(2)				ND	ND			1.00
44) 2,4-Dimethylphenol	(2)				Below MDL, Do not report				3.00
46) bis(2-Chloroethoxy)methane	(2)				Below MDL, Do not report				1.00
49) 2,4-Dichlorophenol	(2)				Below MDL, Do not report				1.00
50) 1,2,4-Trichlorobenzene	(2)				ND	ND			1.00
53) Naphthalene	(2)				Below MDL, Do not report				1.00
55) 4-Chloroaniline	(2)				ND	ND			1.00
59) Hexachlorobutadiene	(2)				ND	ND			1.00
67) 4-Chloro-3-methylphenol	(2)				ND	ND			1.00
69) 2-Methylnaphthalene	(2)				Below MDL, Do not report				1.00

BCOS2

Lancaster Labs
Quantitation Report GC/MS Semi-Volatiles

5224004

Data file: /chem/HP11165.i/07dec04a.b/gl0112.d Blank Data file reference:/chem/HP11165.i/07dec04a.b/gl0092.d
Injection date and time: 05-DEC-2007 03:41 Instrument ID: HP11165.i Batch: 07337WAD
Date, time and analyst ID of latest file update: 05-Dec-2007 07:03 jmg00346

Method used: /chem/HP11165.i/07dec04a.b/minti.m Sublist used: WTC8
Calibration date and time (Last Method Edit): 04-DEC-2007 22:50
Mid Level Daily Calibration Standard Reference: /chem/HP11165.i/07dec04a.b/gl0091.d

Sample Concentration Formula: On-Column Amount * DF * Uf * Vt/(Vo * Vi) Matrix: WATER GPC Cleanup: No

Dilution Factor (DF): 1 Unit Correction Factor (Uf): 1 Volume Injected (Vi): 1 ul
GPC Cleanup Factor (gpcf): 1 Sample Volume (Vo): 993.0 ml Final Extract Volume (Vt): 1000 ul

Target Compounds	I.S. Ref.	RT	(+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit (ng/ul)
71) Hexachlorocyclopentadiene	(3)					ND	ND			5.00
74) 2,4,6-Trichlorophenol	(3)					Below MDL, Do not report				1.00
76) 2,4,5-Trichlorophenol	(3)					Below MDL, Do not report				1.00
83) 2-Chloronaphthalene	(3)					Below MDL, Do not report				2.00
88) 2-Nitroaniline	(3)					Below MDL, Do not report				1.00
91) Dimethylphthalate	(3)					ND	ND			2.00
93) 2,6-Dinitrotoluene	(3)					ND	ND			1.00
94) Acenaphthylene	(3)					Below MDL, Do not report				1.00
96) 3-Nitroaniline	(3)					Below MDL, Do not report				1.00
98) Acenaphthene	(3)					Below MDL, Do not report				1.00
99) 2,4-Dinitrophenol	(3)					ND	ND			20.00
102) 4-Nitrophenol	(3)					Below MDL, Do not report				10.00
103) Dibenzofuran	(3)					Below MDL, Do not report				1.00
104) 2,4-Dinitrotoluene	(3)					ND	ND			1.00
108) Diethylphthalate	(3)					Below MDL, Do not report				2.00
110) Fluorene	(3)					ND	ND			1.00
111) 4-Chlorophenyl-phenylether	(3)					ND	ND			2.00
113) 4-Nitroaniline	(3)					Below MDL, Do not report				1.00
114) 4,6-Dinitro-2-methylphenol	(4)					ND	ND			5.00
116) N-Nitrosodiphenylamine	(4)					Below MDL, Do not report				2.00
124) 4-Bromophenyl-phenylether	(4)					ND	ND			1.00
126) Hexachlorobenzene	(4)					ND	ND			1.00
130) Pentachlorophenol	(4)					ND	ND			3.00
136) Phenanthrene	(4)					Below MDL, Do not report				1.00
137) Anthracene	(4)					Below MDL, Do not report				1.00
139) Carbazole	(4)					Below MDL, Do not report				1.00
141) Di-n-butylphthalate	(4)					Below MDL, Do not report				2.00
146) Fluoranthene	(4)					Below MDL, Do not report				1.00
153) Pyrene	(5)					Below MDL, Do not report				1.00
160) Butylbenzylphthalate	(5)					Below MDL, Do not report				2.00
163) 3,3'-Dichlorobenzidine	(5)					Below MDL, Do not report				2.00
165) Benzo(a)anthracene	(5)					Below MDL, Do not report				1.00
167) Chrysene	(5)					Below MDL, Do not report				1.00
168) bis(2-Ethylhexyl)phthalate	(5)					Below MDL, Do not report				2.00
169) Di-n-octylphthalate	(6)					ND	ND			2.00
171) Benzo(b)fluoranthene	(6)					Below MDL, Do not report				1.00
172) Benzo(k)fluoranthene	(6)					Below MDL, Do not report				1.00
173) Benzo(a)pyrene	(6)					Below MDL, Do not report				1.00
176) Indeno(1,2,3-cd)pyrene	(6)					ND	ND			1.00
177) Dibenz(a,h)anthracene	(6)					ND	ND			1.00

BCOS2

Lancaster Labs
Quantitation Report GC/MS Semi-Volatiles

5224004

Data file: /chem/HP11165.i/07dec04a.b/g10112.d Blank Data file reference:**/chem/HP11165.i/07dec04a.b/g10092.d**
Injection date and time: 05-DEC-2007 03:41 Instrument ID: HP11165.i Batch: 07337WAD
Date, time and analyst ID of latest file update: 05-Dec-2007 07:03 jmg00346

Method used: /chem/HP11165.i/07dec04a.b/minti.m Sublist used: **WTC8**
Calibration date and time (Last Method Edit): 04-DEC-2007 22:50
Mid Level Daily Calibration Standard Reference: /chem/HP11165.i/07dec04a.b/g10091.d

Sample Concentration Formula: On-Column Amount * DF * Uf * Vt/(Vo * Vi) Matrix: WATER GPC Cleanup: No

Dilution Factor (DF): 1 Unit Correction Factor (Uf): 1 Volume Injected (Vi): 1 ul
GPC Cleanup Factor (gpcf): 1 Sample Volume (Vo): 993.0 ml Final Extract Volume (Vt): 1000 ul

Target Compounds	I.S. Ref.	RT	(+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit (ng/ul)
178) Benzo(g,h,i)perylene	(6)					ND	ND			1.00

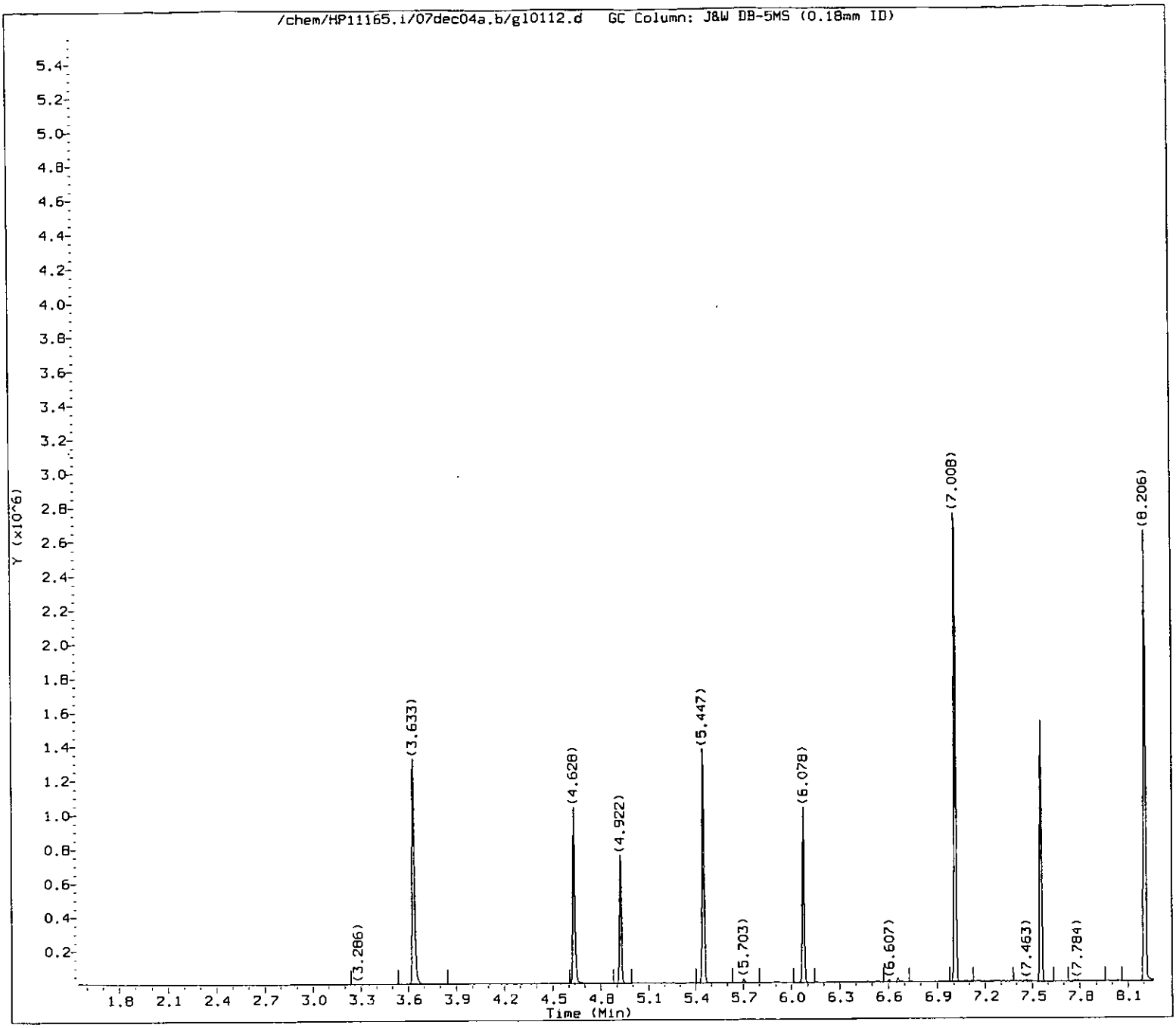
E = CONC. OUT OF CAL. RANGE # = RELATIVE RETENTION TIME OUT OF RANGE

Total number of targets = 64

Comments:

Analyst: Date: 12-5-07
Auditor: Date: 12/5/07

8395



Quant Report

Target Revision 3.5

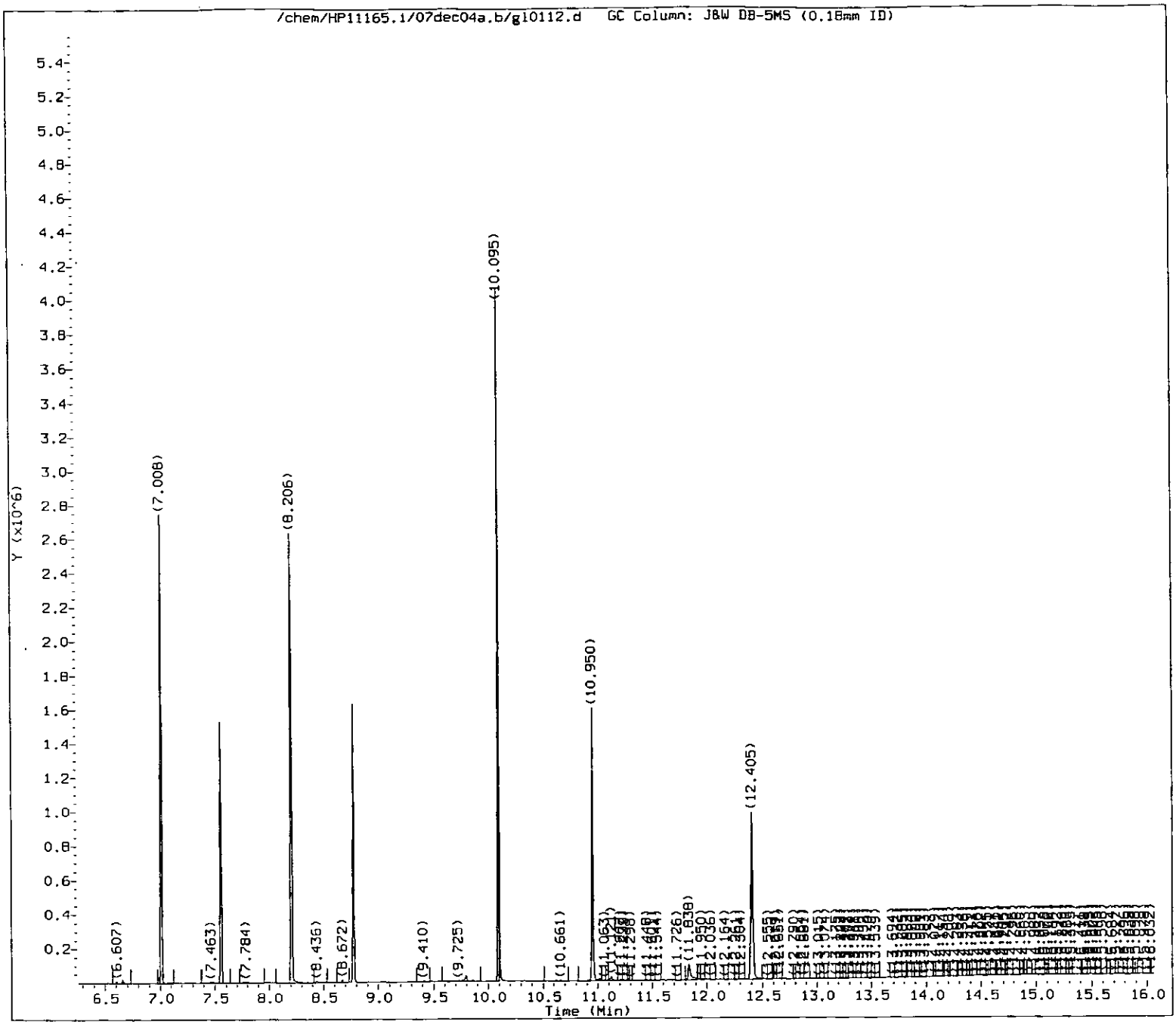
Data File: /chem/HP11165.i/07dec04a.b/gl0112.d Instrument ID: HP11165.i
Injection date and time: 05-DEC-2007 03:41 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07dec04a.b/minti.m Sublist used: WTC8
Calibration date and time: 04-DEC-2007 22:50
Date, time and analyst ID of latest file update: 05-Dec-2007 05:22 jmg00346

Sample Name: BCOS2 Lab Sample ID: 5224004

0396

JMG 5/16
12-5-07



Quant Report

Target Revision 3.5

Data File: /chem/HP11165.i/07dec04a.b/g10112.d Instrument ID: HP11165.i
Injection date and time: 05-DEC-2007 03:41 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07dec04a.b/minti.m Sublist used: WTC8
Calibration date and time: 04-DEC-2007 22:50
Date, time and analyst ID of latest file update: 05-Dec-2007 05:22 jmg00346

Sample Name: BCOS2 Lab Sample ID: 5224004

JMG/GJG
12-5-07

0397

Quant Report

Target Revision 3.5

Data File: /chem/HP11165.i/07dec04a.b/gl0112.d Instrument ID: HP11165.i
Injection date and time: 05-DEC-2007 03:41 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07dec04a.b/minti.m Sublist used: WTC8
Calibration date and time: 04-DEC-2007 22:50
Date, time and analyst ID of latest file update: 05-Dec-2007 07:03 jmg00346

Sample Name: BCOS2 Lab Sample ID: 5224004

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
21) 1,4-Dichlorobenzene-d4	(1)	4.922	152	90557	40.000
52) Naphthalene-d8	(2)	6.078	136	369483	40.000
97) Acenaphthene-d10	(3)	7.554	164	243785	40.000
134) Phenanthrene-d10	(4)	8.773	188	496104	40.000
166) Chrysene-d12	(5)	10.950	240	526176	40.000
174) Perylene-d12	(6)	12.405	264	405785	40.000
9) 2-Fluorophenol	(1)	3.633	112	387730	100.585
15) Phenol-d6	(1)	4.628	99	377222	70.052
38) Nitrobenzene-d5	(2)	5.447	82	452365	90.754
77) 2-Fluorobiphenyl	(3)	7.014	172	730011	88.813
118) 2,4,6-Tribromophenol	(3)	8.206	330	282779	204.198
155) Terphenyl-d14	(5)	10.095	244	930674	81.588

M = Compound was manually integrated. A = User selected an alternate hit

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCOR3

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 5224005

Sample wt/vol: 965 (g/mL)ML Lab File ID: gl0113.d

Level: (low/med) LOW Date Received: 11/30/07

% Moisture: not dec: dec: Date Extracted: 12/04/07

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/05/07

Injection Volume: 1 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Extraction: Sepf

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	LOQ	UG/L	Q
108-95-2	Phenol			5	U
111-44-4	bis(2-Chloroethyl)ether			5	U
95-57-8	2-Chlorophenol			5	U
541-73-1	1,3-Dichlorobenzene			5	U
106-46-7	1,4-Dichlorobenzene			5	U
95-50-1	1,2-Dichlorobenzene			5	U
95-48-7	2-Methylphenol			5	U
108-60-1	2,2'-oxybis(1-Chloropropane)			5	U
621-64-7	N-Nitroso-di-n-propylamine			5	U
106-44-5	4-Methylphenol			5	U
67-72-1	Hexachloroethane			5	U
98-95-3	Nitrobenzene			5	U
78-59-1	Isophorone			5	U
88-75-5	2-Nitrophenol			5	U
105-67-9	2,4-Dimethylphenol			10	U
111-91-1	bis(2-Chloroethoxy)methane			5	U
120-83-2	2,4-Dichlorophenol			5	U
120-82-1	1,2,4-Trichlorobenzene			5	U
91-20-3	Naphthalene			5	U
106-47-8	4-Chloroaniline			5	U
87-68-3	Hexachlorobutadiene			5	U
59-50-7	4-Chloro-3-methylphenol			5	U
91-57-6	2-Methylnaphthalene			5	U
77-47-4	Hexachlorocyclopentadiene			16	U
88-06-2	2,4,6-Trichlorophenol			5	U
95-95-4	2,4,5-Trichlorophenol			5	U
91-58-7	2-Chloronaphthalene			5	U
88-74-4	2-Nitroaniline			5	U
131-11-3	Dimethylphthalate			5	U
606-20-2	2,6-Dinitrotoluene			5	U

8399

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCOR3

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 5224005

Sample wt/vol: 965 (g/mL)ML Lab File ID: gl0113.d

Level: (low/med) LOW Date Received: 11/30/07

% Moisture: not dec: dec: Date Extracted: 12/04/07

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/05/07

Injection Volume: 1 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Extraction: Sepf

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	LOQ	UG/L	Q
208-96-8	Acenaphthylene			5	U
99-09-2	3-Nitroaniline			5	U
83-32-9	Acenaphthene			5	U
51-28-5	2,4-Dinitrophenol			62	U
100-02-7	4-Nitrophenol			31	U
132-64-9	Dibenzofuran			5	U
121-14-2	2,4-Dinitrotoluene			5	U
84-66-2	Diethylphthalate			5	U
86-73-7	Fluorene			5	U
7005-72-3	4-Chlorophenyl-phenylether			5	U
100-01-6	4-Nitroaniline			5	U
534-52-1	4,6-Dinitro-2-methylphenol			16	U
86-30-6	N-Nitrosodiphenylamine			5	U
101-55-3	4-Bromophenyl-phenylether			5	U
118-74-1	Hexachlorobenzene			5	U
87-86-5	Pentachlorophenol			16	U
85-01-8	Phenanthrene			5	U
120-12-7	Anthracene			5	U
86-74-8	Carbazole			5	U
84-74-2	Di-n-butylphthalate			5	U
206-44-0	Fluoranthene			5	U
129-00-0	Pyrene			5	U
85-68-7	Butylbenzylphthalate			5	U
91-94-1	3,3'-Dichlorobenzidine			5	U
56-55-3	Benzo(a)anthracene			5	U
218-01-9	Chrysene			5	U
117-81-7	bis(2-Ethylhexyl)phthalate			5	U
117-84-0	Di-n-octylphthalate			5	U
205-99-2	Benzo(b)fluoranthene			5	U
207-08-9	Benzo(k)fluoranthene			5	U

0488

1C cont

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCOR3

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 5224005

Sample wt/vol: 965 (g/mL) ML Lab File ID: gl0113.d

Level: (low/med) LOW Date Received: 11/30/07

% Moisture: not dec: dec: Date Extracted: 12/04/07

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/05/07

Injection Volume: 1 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Extraction: Sepf

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	LOQ	UG/L	Q
50-32-8	Benzo(a)pyrene			5	U
193-39-5	Indeno(1,2,3-cd)pyrene			5	U
53-70-3	Dibenz(a,h)anthracene			5	U
191-24-2	Benzo(g,h,i)perylene			5	U

8481

BCOR3

Lancaster Labs
Quantitation Report GC/MS Semi-Volatiles

5224005

Data file: /chem/HP11165.i/07dec04a.b/gl0113.d Blank Data file reference:/chem/HP11165.i/07dec04a.b/gl0092.d
Injection date and time: 05-DEC-2007 04:05 Instrument ID: HP11165.i Batch: 07337WAD
Date, time and analyst ID of latest file update: 05-Dec-2007 07:06 jmg00346

Method used: /chem/HP11165.i/07dec04a.b/minti.m Sublist used: WTC8
Calibration date and time (Last Method Edit): 04-DEC-2007 22:50
Mid Level Daily Calibration Standard Reference: /chem/HP11165.i/07dec04a.b/gl0091.d

Sample Concentration Formula: On-Column Amount * DF * Uf * Vt/(Vo * Vi) Matrix: WATER GPC Cleanup: No

Dilution Factor (DF): 1 Unit Correction Factor (Uf): 1 Volume Injected (Vi): 1 ul
GPC Cleanup Factor (gpcf): 1 Sample Volume (Vo): 965.0 ml Final Extract Volume (Vt): 1000 ul

Internal Standards	RT (+/-RT)	Scan	QIon	Area (+/- %Area)	Conc (ng/ul)	QC Flag
21) 1,4-Dichlorobenzene-d4	4.922(0.005)	633	152.0	94483(-16)	40.00	
52) Naphthalene-d8	6.078(0.005)	849	136.0	392674(-20)	40.00	
97) Acenaphthene-d10	7.554(0.011)	1125	164.0	254550(-20)	40.00	
134) Phenanthrene-d10	8.773(0.011)	1353	188.0	515160(-20)	40.00	
166) Chrysene-d12	10.950(0.016)	1760	240.0	533963(-26)	40.00	
174) Perylene-d12	12.405(0.016)	2032	264.0	413839(-28)	40.00	

= RETENTION TIME OUT OF RANGE * = INTERNAL STANDARD OUT OF RANGE NC = NOT ABLE TO CALCULATE

Surrogate Standards	I.S. Ref.	RT (+/-RRT)	QIon	Area	Conc. (on column)	%Rec.	QC flags	QC Limits
9) 2-Fluorophenol	(1)	3.633(0.001)	112	400086	99.477	50%		10 - 103
15) Phenol-d6	(1)	4.634(0.001)	99	414281	73.737	37%		10 - 82
38) Nitrobenzene-d5	(2)	5.447(0.001)	82	460154	86.865	87%		51 - 123
77) 2-Fluorobiphenyl	(3)	7.014(-0.001)	172	754213	87.877	88%		63 - 118
118) 2,4,6-Tribromophenol	(3)	8.212(-0.001)	330	284969	197.077	99%		20 - 159
155) Terphenyl-d14	(5)	10.095(-0.001)	244	935598	80.823	81%		52 - 151

= RELATIVE RETENTION TIME OUT OF RANGE * = PERCENT REC.OUT OF RANGE D = DILUTED OUT NC = NOT ABLE TO CALCULATE

Target Compounds	I.S. Ref.	RT (+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit (ng/ul)
16) Phenol	(1)			Below MDL,	Do not report				1.00
18) bis(2-Chloroethyl)ether	(1)				ND	ND			1.00
19) 2-Chlorophenol	(1)				ND	ND			1.00
20) 1,3-Dichlorobenzene	(1)				ND	ND			1.00
22) 1,4-Dichlorobenzene	(1)				ND	ND			1.00
25) 1,2-Dichlorobenzene	(1)				ND	ND			1.00
26) 2-Methylphenol	(1)			Below MDL,	Do not report				1.00
27) 2,2'-oxybis(1-Chloropropane)	(1)			Below MDL,	Do not report				1.00
31) N-Nitroso-di-n-propylamine	(1)			Below MDL,	Do not report				1.00
33) 4-Methylphenol	(1)			Below MDL,	Do not report				2.00
37) Hexachloroethane	(1)				ND	ND			1.00
39) Nitrobenzene	(2)			Below MDL,	Do not report				1.00
41) Isophorone	(2)			Below MDL,	Do not report				1.00
42) 2-Nitrophenol	(2)				ND	ND			1.00
44) 2,4-Dimethylphenol	(2)			Below MDL,	Do not report				3.00
46) bis(2-Chloroethoxy)methane	(2)			Below MDL,	Do not report				1.00
49) 2,4-Dichlorophenol	(2)				ND	ND			1.00
50) 1,2,4-Trichlorobenzene	(2)				ND	ND			1.00
53) Naphthalene	(2)			Below MDL,	Do not report				1.00
55) 4-Chloroaniline	(2)				ND	ND			1.00
59) Hexachlorobutadiene	(2)				ND	ND			1.00
67) 4-Chloro-3-methylphenol	(2)				ND	ND			1.00
69) 2-Methylnaphthalene	(2)			Below MDL,	Do not report				1.00

0482

BCOR3

Lancaster Labs
Quantitation Report GC/MS Semi-Volatiles

5224005

Data file: /chem/HP11165.i/07dec04a.b/gl0113.d Blank Data file reference:/chem/HP11165.i/07dec04a.b/gl0092.d
Injection date and time: 05-DEC-2007 04:05 Instrument ID: HP11165.i Batch: 07337WAD
Date, time and analyst ID of latest file update: 05-Dec-2007 07:06 jmg00346

Method used: /chem/HP11165.i/07dec04a.b/minti.m Sublist used: WTC8
Calibration date and time (Last Method Edit): 04-DEC-2007 22:50
Mid Level Daily Calibration Standard Reference: /chem/HP11165.i/07dec04a.b/gl0091.d

Sample Concentration Formula: On-Column Amount * DF * Uf * Vt/(Vo * Vi) Matrix: WATER GPC Cleanup: No

Dilution Factor (DF): 1 Unit Correction Factor (Uf): 1 Volume Injected (Vi): 1 ul
GPC Cleanup Factor (gpcf): 1 Sample Volume (Vo): 965.0 ml Final Extract Volume (Vt): 1000 ul

Target Compounds	I.S. Ref.	RT	(+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit (ng/ul)
71) Hexachlorocyclopentadiene	(3)					ND	ND			5.00
74) 2,4,6-Trichlorophenol	(3)					Below MDL, Do not report				1.00
76) 2,4,5-Trichlorophenol	(3)					Below MDL, Do not report				1.00
83) 2-Chloronaphthalene	(3)					ND	ND			2.00
88) 2-Nitroaniline	(3)					Below MDL, Do not report				1.00
91) Dimethylphthalate	(3)					ND	ND			2.00
93) 2,6-Dinitrotoluene	(3)					ND	ND			1.00
94) Acenaphthylene	(3)					Below MDL, Do not report				1.00
96) 3-Nitroaniline	(3)					Below MDL, Do not report				1.00
98) Acenaphthene	(3)					Below MDL, Do not report				1.00
99) 2,4-Dinitrophenol	(3)					ND	ND			20.00
102) 4-Nitrophenol	(3)					Below MDL, Do not report				10.00
103) Dibenzofuran	(3)					Below MDL, Do not report				1.00
104) 2,4-Dinitrotoluene	(3)					ND	ND			1.00
108) Diethylphthalate	(3)					Below MDL, Do not report				2.00
110) Fluorene	(3)					ND	ND			1.00
111) 4-Chlorophenyl-phenylether	(3)					ND	ND			2.00
113) 4-Nitroaniline	(3)					Below MDL, Do not report				1.00
114) 4,6-Dinitro-2-methylphenol	(4)					ND	ND			5.00
116) N-Nitrosodiphenylamine	(4)					Below MDL, Do not report				2.00
124) 4-Bromophenyl-phenylether	(4)					ND	ND			1.00
126) Hexachlorobenzene	(4)					ND	ND			1.00
130) Pentachlorophenol	(4)					ND	ND			3.00
136) Phenanthrene	(4)					Below MDL, Do not report				1.00
137) Anthracene	(4)					Below MDL, Do not report				1.00
139) Carbazole	(4)					Below MDL, Do not report				1.00
141) Di-n-butylphthalate	(4)					Below MDL, Do not report				2.00
146) Fluoranthene	(4)					Below MDL, Do not report				1.00
153) Pyrene	(5)					Below MDL, Do not report				1.00
160) Butylbenzylphthalate	(5)					Below MDL, Do not report				2.00
163) 3,3'-Dichlorobenzidine	(5)					Below MDL, Do not report				2.00
165) Benzo(a)anthracene	(5)					Below MDL, Do not report				1.00
167) Chrysene	(5)					Below MDL, Do not report				1.00
168) bis(2-Ethylhexyl)phthalate	(5)					Below MDL, Do not report				2.00
169) Di-n-octylphthalate	(6)					ND	ND			2.00
171) Benzo(b)fluoranthene	(6)					Below MDL, Do not report				1.00
172) Benzo(k)fluoranthene	(6)					Below MDL, Do not report				1.00
173) Benzo(a)pyrene	(6)					Below MDL, Do not report				1.00
176) Indeno(1,2,3-cd)pyrene	(6)					Below MDL, Do not report				1.00
177) Dibenz(a,h)anthracene	(6)					ND	ND			1.00
178) Benzo(g,h,i)perylene	(6)					Below MDL, Do not report				1.00

BCOR3

Lancaster Labs
Quantitation Report GC/MS Semi-Volatiles

5224005

Data file: /chem/HP11165.i/07dec04a.b/gl0113.d Blank Data file reference:/chem/HP11165.i/07dec04a.b/gl0092.d
Injection date and time: 05-DEC-2007 04:05 Instrument ID: HP11165.i Batch: 07337WAD
Date, time and analyst ID of latest file update: 05-Dec-2007 07:06 jmg00346

Method used: /chem/HP11165.i/07dec04a.b/minti.m Sublist used: **WTC8**
Calibration date and time (Last Method Edit): 04-DEC-2007 22:50
Mid Level Daily Calibration Standard Reference: /chem/HP11165.i/07dec04a.b/gl0091.d

Sample Concentration Formula: On-Column Amount * DF * Uf * Vt/(Vo * Vi) Matrix: WATER GPC Cleanup: No

Dilution Factor (DF): 1 Unit Correction Factor (Uf): 1 Volume Injected (Vi): 1 ul
GPC Cleanup Factor (gpcf): 1 Sample Volume (Vo): 965.0 ml Final Extract Volume (Vt): 1000 ul

Target Compounds	I.S. Ref.	RT	(+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit (ng/ul)

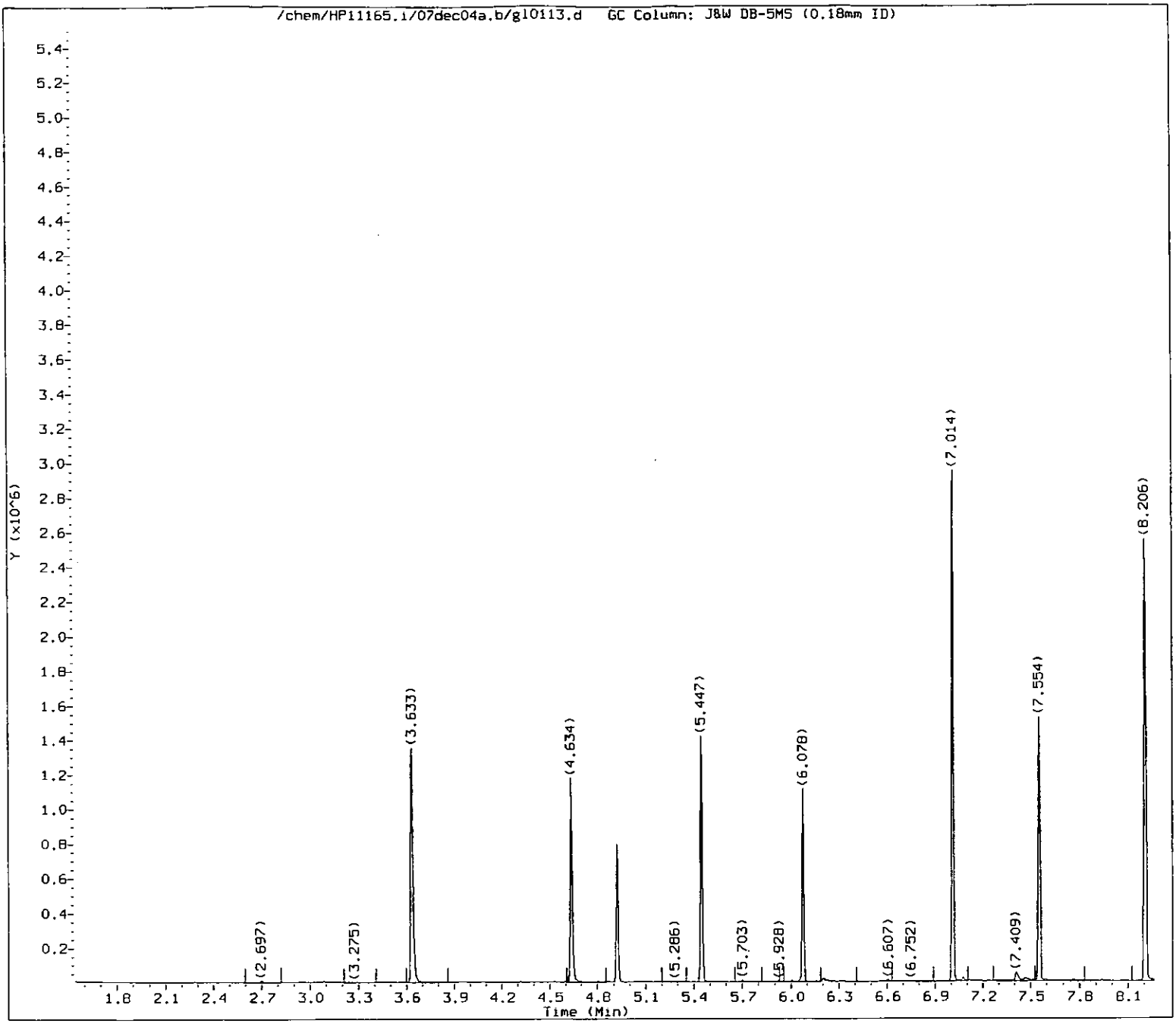
E = CONC. OUT OF CAL. RANGE # = RELATIVE RETENTION TIME OUT OF RANGE

Total number of targets = 64

Comments: (241)

Analyst: Date: 12-5-07
Auditor: Date: 12/5/07

0404



Quant Report

Target Revision 3.5

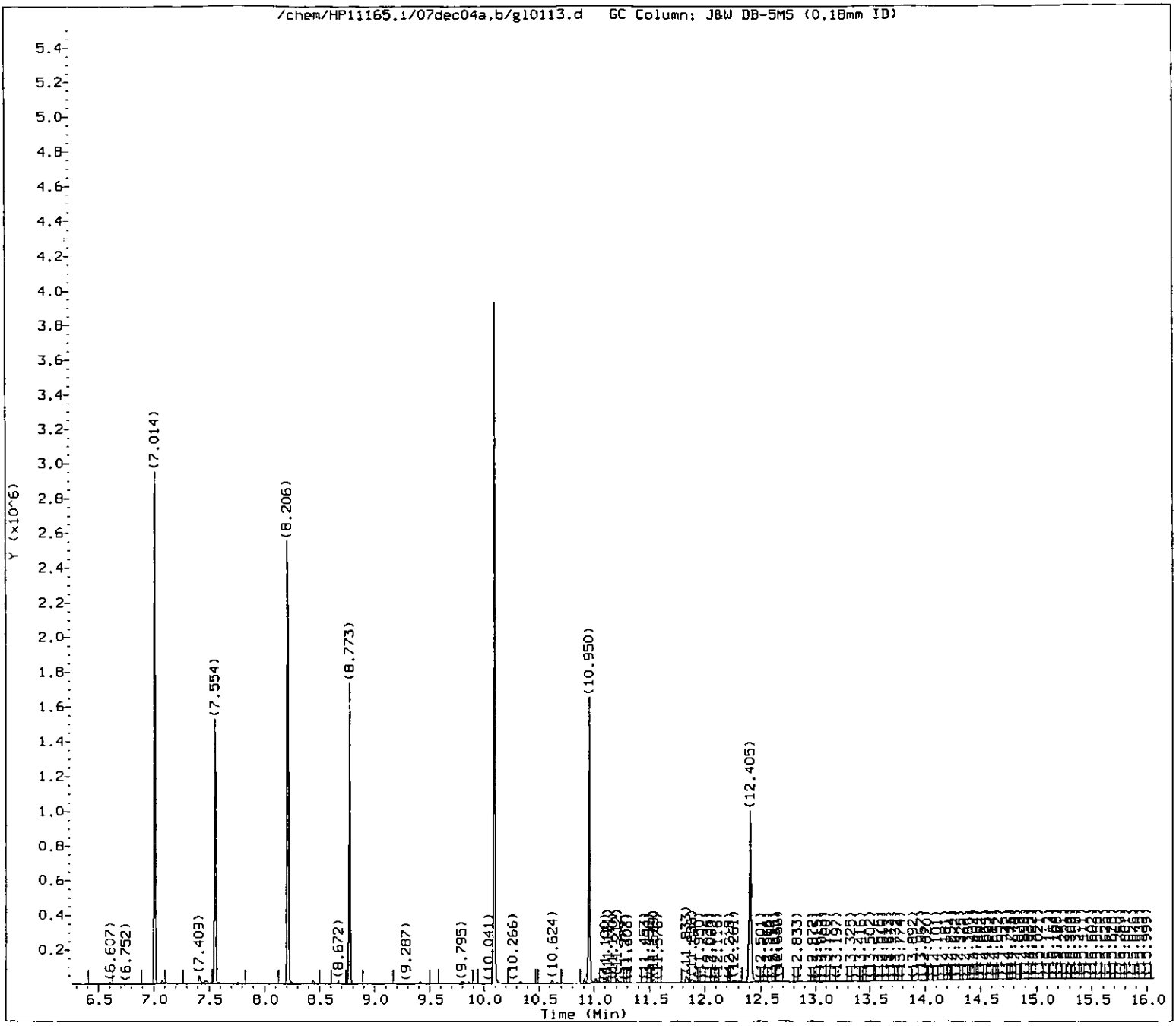
Data File: /chem/HP11165.i/07dec04a.b/gl0113.d Instrument ID: HP11165.i
Injection date and time: 05-DEC-2007 04:05 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07dec04a.b/minti.m Sublist used: WTC8
Calibration date and time: 04-DEC-2007 22:50
Date, time and analyst ID of latest file update: 05-Dec-2007 05:23 jmg00346

Sample Name: BCOR3 Lab Sample ID: 5224005

0495

JMG 12-5-07



Quant Report

Target Revision 3.5

Data File: /chem/HP11165.i/07dec04a.b/gl0113.d Instrument ID: HP11165.i
Injection date and time: 05-DEC-2007 04:05 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07dec04a.b/minti.m Sublist used: WTC8
Calibration date and time: 04-DEC-2007 22:50
Date, time and analyst ID of latest file update: 05-Dec-2007 05:23 jmg00346

Sample Name: BCOR3 Lab Sample ID: 5224005

JM6/6/6
12-5-07

8486

Quant Report

Target Revision 3.5

Data File: /chem/HP11165.i/07dec04a.b/gl0113.d Instrument ID: HP11165.i
Injection date and time: 05-DEC-2007 04:05 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07dec04a.b/minti.m Sublist used: WTC8
Calibration date and time: 04-DEC-2007 22:50
Date, time and analyst ID of latest file update: 05-Dec-2007 07:06 jmg00346

Sample Name: BCOR3 Lab Sample ID: 5224005

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
21) 1,4-Dichlorobenzene-d4	(1)	4.922	152	94483	40.000
52) Naphthalene-d8	(2)	6.078	136	392674	40.000
97) Acenaphthene-d10	(3)	7.554	164	254550	40.000
134) Phenanthrene-d10	(4)	8.773	188	515160	40.000
166) Chrysene-d12	(5)	10.950	240	533963	40.000
174) Perylene-d12	(6)	12.405	264	413839	40.000
9) 2-Fluorophenol	(1)	3.633	112	400086	99.477
15) Phenol-d6	(1)	4.634	99	414281	73.737
38) Nitrobenzene-d5	(2)	5.447	82	460154	86.865
77) 2-Fluorobiphenyl	(3)	7.014	172	754213	87.877
118) 2,4,6-Tribromophenol	(3)	8.212	330	284969	197.077
155) Terphenyl-d14	(5)	10.095	244	935598	80.823

M = Compound was manually integrated. A = User selected an alternate hit

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCOS3

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 5224006

Sample wt/vol: 1028 (g/mL)ML Lab File ID: gl0114.d

Level: (low/med) LOW Date Received: 11/30/07

% Moisture: not dec: dec: Date Extracted: 12/04/07

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/05/07

Injection Volume: 1 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Extraction: Sepf

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	LOQ	UG/L	Q
108-95-2	Phenol			5	U
111-44-4	bis(2-Chloroethyl)ether			5	U
95-57-8	2-Chlorophenol			5	U
541-73-1	1,3-Dichlorobenzene			5	U
106-46-7	1,4-Dichlorobenzene			5	U
95-50-1	1,2-Dichlorobenzene			5	U
95-48-7	2-Methylphenol			5	U
108-60-1	2,2'-oxybis(1-Chloropropane)			5	U
621-64-7	N-Nitroso-di-n-propylamine			5	U
106-44-5	4-Methylphenol			5	U
67-72-1	Hexachloroethane			5	U
98-95-3	Nitrobenzene			5	U
78-59-1	Isophorone			5	U
88-75-5	2-Nitrophenol			5	U
105-67-9	2,4-Dimethylphenol			10	U
111-91-1	bis(2-Chloroethoxy)methane			5	U
120-83-2	2,4-Dichlorophenol			5	U
120-82-1	1,2,4-Trichlorobenzene			5	U
91-20-3	Naphthalene			5	U
106-47-8	4-Chloroaniline			5	U
87-68-3	Hexachlorobutadiene			5	U
59-50-7	4-Chloro-3-methylphenol			5	U
91-57-6	2-Methylnaphthalene			5	U
77-47-4	Hexachlorocyclopentadiene			15	U
88-06-2	2,4,6-Trichlorophenol			5	U
95-95-4	2,4,5-Trichlorophenol			5	U
91-58-7	2-Chloronaphthalene			5	U
88-74-4	2-Nitroaniline			5	U
131-11-3	Dimethylphthalate			5	U
606-20-2	2,6-Dinitrotoluene			5	U

8488

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCOS3

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 5224006

Sample wt/vol: 1028 (g/mL) ML Lab File ID: gl0114.d

Level: (low/med) LOW Date Received: 11/30/07

% Moisture: not dec: dec: Date Extracted: 12/04/07

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/05/07

Injection Volume: 1 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Extraction: Sepf

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) LOQ UG/L	Q
208-96-8	Acenaphthylene	5	U
99-09-2	3-Nitroaniline	5	U
83-32-9	Acenaphthene	5	U
51-28-5	2,4-Dinitrophenol	58	U
100-02-7	4-Nitrophenol	29	U
132-64-9	Dibenzofuran	5	U
121-14-2	2,4-Dinitrotoluene	5	U
84-66-2	Diethylphthalate	5	U
86-73-7	Fluorene	5	U
7005-72-3	4-Chlorophenyl-phenylether	5	U
100-01-6	4-Nitroaniline	5	U
534-52-1	4,6-Dinitro-2-methylphenol	15	U
86-30-6	N-Nitrosodiphenylamine	5	U
101-55-3	4-Bromophenyl-phenylether	5	U
118-74-1	Hexachlorobenzene	5	U
87-86-5	Pentachlorophenol	15	U
85-01-8	Phenanthrene	5	U
120-12-7	Anthracene	5	U
86-74-8	Carbazole	5	U
84-74-2	Di-n-butylphthalate	5	U
206-44-0	Fluoranthene	5	U
129-00-0	Pyrene	5	U
85-68-7	Butylbenzylphthalate	5	U
91-94-1	3,3'-Dichlorobenzidine	5	U
56-55-3	Benzo(a)anthracene	5	U
218-01-9	Chrysene	5	U
117-81-7	bis(2-Ethylhexyl)phthalate	5	U
117-84-0	Di-n-octylphthalate	5	U
205-99-2	Benzo(b)fluoranthene	5	U
207-08-9	Benzo(k)fluoranthene	5	U

0409

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCOS3

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 5224006

Sample wt/vol: 1028 (g/mL) ML Lab File ID: gl0114.d

Level: (low/med) LOW Date Received: 11/30/07

% Moisture: not dec: dec: Date Extracted: 12/04/07

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/05/07

Injection Volume: 1 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Extraction: Sepf

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	LOQ	UG/L	Q
50-32-8	Benzo(a)pyrene			5	U
193-39-5	Indeno(1,2,3-cd)pyrene			5	U
53-70-3	Dibenz(a,h)anthracene			5	U
191-24-2	Benzo(g,h,i)perylene			5	U

6418

BCOS3

Lancaster Labs
Quantitation Report GC/MS Semi-Volatiles

5224006

Data file: /chem/HP11165.i/07dec04a.b/gl0114.d Blank Data file reference:**/chem/HP11165.i/07dec04a.b/gl0092.d**
Injection date and time: 05-DEC-2007 04:30 Instrument ID: HP11165.i Batch: 07337WAD
Date, time and analyst ID of latest file update: 05-Dec-2007 07:09 jmg00346

Method used: /chem/HP11165.i/07dec04a.b/minti.m Sublist used: **WTC8**
Calibration date and time (Last Method Edit): 04-DEC-2007 22:50
Mid Level Daily Calibration Standard Reference: /chem/HP11165.i/07dec04a.b/gl0091.d

Sample Concentration Formula: On-Column Amount * DF * Uf * Vt/(Vo * Vi) Matrix: WATER GPC Cleanup: No

Dilution Factor (DF): 1 Unit Correction Factor (Uf): 1 Volume Injected (Vi): 1 ul
GPC Cleanup Factor (gpcf): 1 Sample Volume (Vo): 1028.0 ml Final Extract Volume (Vt): 1000 ul

Internal Standards	RT (+/-RT)	Scan	QIon	Area (+/- %Area)	Conc (ng/ul)	QC Flag
21) 1,4-Dichlorobenzene-d4	4.922(0.005)	633	152.0	97992(-13)	40.00	
52) Naphthalene-d8	6.078(0.005)	849	136.0	404248(-18)	40.00	
97) Acenaphthene-d10	7.554(0.011)	1125	164.0	263250(-17)	40.00	
134) Phenanthrene-d10	8.773(0.011)	1353	188.0	533982(-17)	40.00	
166) Chrysene-d12	10.950(0.016)	1760	240.0	559012(-23)	40.00	
174) Perylene-d12	12.405(0.016)	2032	264.0	431052(-25)	40.00	

= RETENTION TIME OUT OF RANGE * = INTERNAL STANDARD OUT OF RANGE NC = NOT ABLE TO CALCULATE

Surrogate Standards	I.S. Ref.	RT (+/-RRT)	QIon	Area	Conc. (on column)	%Rec.	QC flags	QC Limits
9) 2-Fluorophenol	(1)	3.633(0.001)	112	367303	88.056	44%		10 - 103
15) Phenol-d6	(1)	4.628(0.002)	99	366802	62.949	31%		10 - 82
38) Nitrobenzene-d5	(2)	5.447(0.001)	82	456869	83.775	84%		51 - 123
77) 2-Fluorobiphenyl	(3)	7.014(-0.001)	172	743809	83.800	84%		63 - 118
118) 2,4,6-Tribromophenol	(3)	8.212(-0.001)	330	305285	204.150	102%		20 - 159
155) Terphenyl-d14	(5)	10.095(-0.001)	244	963872	79.535	80%		52 - 151

= RELATIVE RETENTION TIME OUT OF RANGE * = PERCENT REC.OUT OF RANGE D = DILUTED OUT NC = NOT ABLE TO CALCULATE

Target Compounds	I.S. Ref.	RT (+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit (ng/ul)
16) Phenol	(1)			Below MDL,	Do not report				1.00
18) bis(2-Chloroethyl)ether	(1)				ND	ND			1.00
19) 2-Chlorophenol	(1)				ND	ND			1.00
20) 1,3-Dichlorobenzene	(1)				ND	ND			1.00
22) 1,4-Dichlorobenzene	(1)				ND	ND			1.00
25) 1,2-Dichlorobenzene	(1)				ND	ND			1.00
26) 2-Methylphenol	(1)			Below MDL,	Do not report				1.00
27) 2,2'-oxybis(1-Chloropropane)	(1)			Below MDL,	Do not report				1.00
31) N-Nitroso-di-n-propylamine	(1)				ND	ND			1.00
33) 4-Methylphenol	(1)			Below MDL,	Do not report				2.00
37) Hexachloroethane	(1)				ND	ND			1.00
39) Nitrobenzene	(2)			Below MDL,	Do not report				1.00
41) Isophorone	(2)			Below MDL,	Do not report				1.00
42) 2-Nitrophenol	(2)				ND	ND			1.00
44) 2,4-Dimethylphenol	(2)			Below MDL,	Do not report				3.00
46) bis(2-Chloroethoxy)methane	(2)			Below MDL,	Do not report				1.00
49) 2,4-Dichlorophenol	(2)			Below MDL,	Do not report				1.00
50) 1,2,4-Trichlorobenzene	(2)				ND	ND			1.00
53) Naphthalene	(2)				ND	ND			1.00
55) 4-Chloroaniline	(2)			Below MDL,	Do not report				1.00
59) Hexachlorobutadiene	(2)				ND	ND			1.00
67) 4-Chloro-3-methylphenol	(2)				ND	ND			1.00
69) 2-Methylnaphthalene	(2)			Below MDL,	Do not report				1.00

BCOS3

Lancaster Labs
Quantitation Report GC/MS Semi-Volatiles

5224006

Data file: /chem/HP11165.i/07dec04a.b/gl0114.d Blank Data file reference:/chem/HP11165.i/07dec04a.b/gl0092.d
Injection date and time: 05-DEC-2007 04:30 Instrument ID: HP11165.i Batch: 07337WAD
Date, time and analyst ID of latest file update: 05-Dec-2007 07:09 jmg00346

Method used: /chem/HP11165.i/07dec04a.b/minti.m Sublist used: **WTC8**
Calibration date and time (Last Method Edit): 04-DEC-2007 22:50
Mid Level Daily Calibration Standard Reference: /chem/HP11165.i/07dec04a.b/gl0091.d

Sample Concentration Formula: On-Column Amount * DF * Uf * Vt/(Vo * Vi) Matrix: WATER GPC Cleanup: No

Dilution Factor (DF): 1 Unit Correction Factor (Uf): 1 Volume Injected (Vi): 1 ul
GPC Cleanup Factor (gpcf): 1 Sample Volume (Vo): 1028.0 ml Final Extract Volume (Vt): 1000 ul

Target Compounds	I.S. Ref.	RT	(+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit (ng/ul)
71) Hexachlorocyclopentadiene	(3)					ND	ND			5.00
74) 2,4,6-Trichlorophenol	(3)					Below MDL, Do not report				1.00
76) 2,4,5-Trichlorophenol	(3)					Below MDL, Do not report				1.00
83) 2-Chloronaphthalene	(3)					Below MDL, Do not report				2.00
88) 2-Nitroaniline	(3)					Below MDL, Do not report				1.00
91) Dimethylphthalate	(3)					ND	ND			2.00
93) 2,6-Dinitrotoluene	(3)					ND	ND			1.00
94) Acenaphthylene	(3)					Below MDL, Do not report				1.00
96) 3-Nitroaniline	(3)					Below MDL, Do not report				1.00
98) Acenaphthene	(3)					Below MDL, Do not report				1.00
99) 2,4-Dinitrophenol	(3)					Below MDL, Do not report				20.00
102) 4-Nitrophenol	(3)					Below MDL, Do not report				10.00
103) Dibenzofuran	(3)					Below MDL, Do not report				1.00
104) 2,4-Dinitrotoluene	(3)					ND	ND			1.00
108) Diethylphthalate	(3)					Below MDL, Do not report				2.00
110) Fluorene	(3)					ND	ND			1.00
111) 4-Chlorophenyl-phenylether	(3)					ND	ND			2.00
113) 4-Nitroaniline	(3)					Below MDL, Do not report				1.00
114) 4,6-Dinitro-2-methylphenol	(4)					ND	ND			5.00
116) N-Nitrosodiphenylamine	(4)					Below MDL, Do not report				2.00
124) 4-Bromophenyl-phenylether	(4)					ND	ND			1.00
126) Hexachlorobenzene	(4)					ND	ND			1.00
130) Pentachlorophenol	(4)					ND	ND			3.00
136) Phenanthrene	(4)					Below MDL, Do not report				1.00
137) Anthracene	(4)					Below MDL, Do not report				1.00
139) Carbazole	(4)					Below MDL, Do not report				1.00
141) Di-n-butylphthalate	(4)					Below MDL, Do not report				2.00
146) Fluoranthene	(4)					Below MDL, Do not report				1.00
153) Pyrene	(5)					Below MDL, Do not report				1.00
160) Butylbenzylphthalate	(5)					Below MDL, Do not report				2.00
163) 3,3'-Dichlorobenzidine	(5)					Below MDL, Do not report				2.00
165) Benzo(a)anthracene	(5)					Below MDL, Do not report				1.00
167) Chrysene	(5)					Below MDL, Do not report				1.00
168) bis(2-Ethylhexyl)phthalate	(5)					Below MDL, Do not report				2.00
169) Di-n-octylphthalate	(6)					ND	ND			2.00
171) Benzo(b)fluoranthene	(6)					Below MDL, Do not report				1.00
172) Benzo(k)fluoranthene	(6)					Below MDL, Do not report				1.00
173) Benzo(a)pyrene	(6)					Below MDL, Do not report				1.00
176) Indeno(1,2,3-cd)pyrene	(6)					Below MDL, Do not report				1.00
177) Dibenz(a,h)anthracene	(6)					ND	ND			1.00
178) Benzo(g,h,i)perylene	(6)					Below MDL, Do not report				1.00

BCOS3

Lancaster Labs
Quantitation Report GC/MS Semi-Volatiles

5224006

Data file: /chem/HP11165.i/07dec04a.b/g10114.d Blank Data file reference:**/chem/HP11165.i/07dec04a.b/g10092.d**
Injection date and time: 05-DEC-2007 04:30 Instrument ID: HP11165.i Batch: 07337WAD
Date, time and analyst ID of latest file update: 05-Dec-2007 07:09 jmg00346

Method used: /chem/HP11165.i/07dec04a.b/minti.m Sublist used: **WTC8**
Calibration date and time (Last Method Edit): 04-DEC-2007 22:50
Mid Level Daily Calibration Standard Reference: /chem/HP11165.i/07dec04a.b/g10091.d

Sample Concentration Formula: On-Column Amount * DF * Uf * Vt/(Vo * Vi) Matrix: WATER GPC Cleanup: No

Dilution Factor (DF): 1 Unit Correction Factor (Uf): 1 Volume Injected (Vi): 1 ul
GPC Cleanup Factor (gpcf): 1 Sample Volume (Vo): 1028.0 ml Final Extract Volume (Vt): 1000 ul

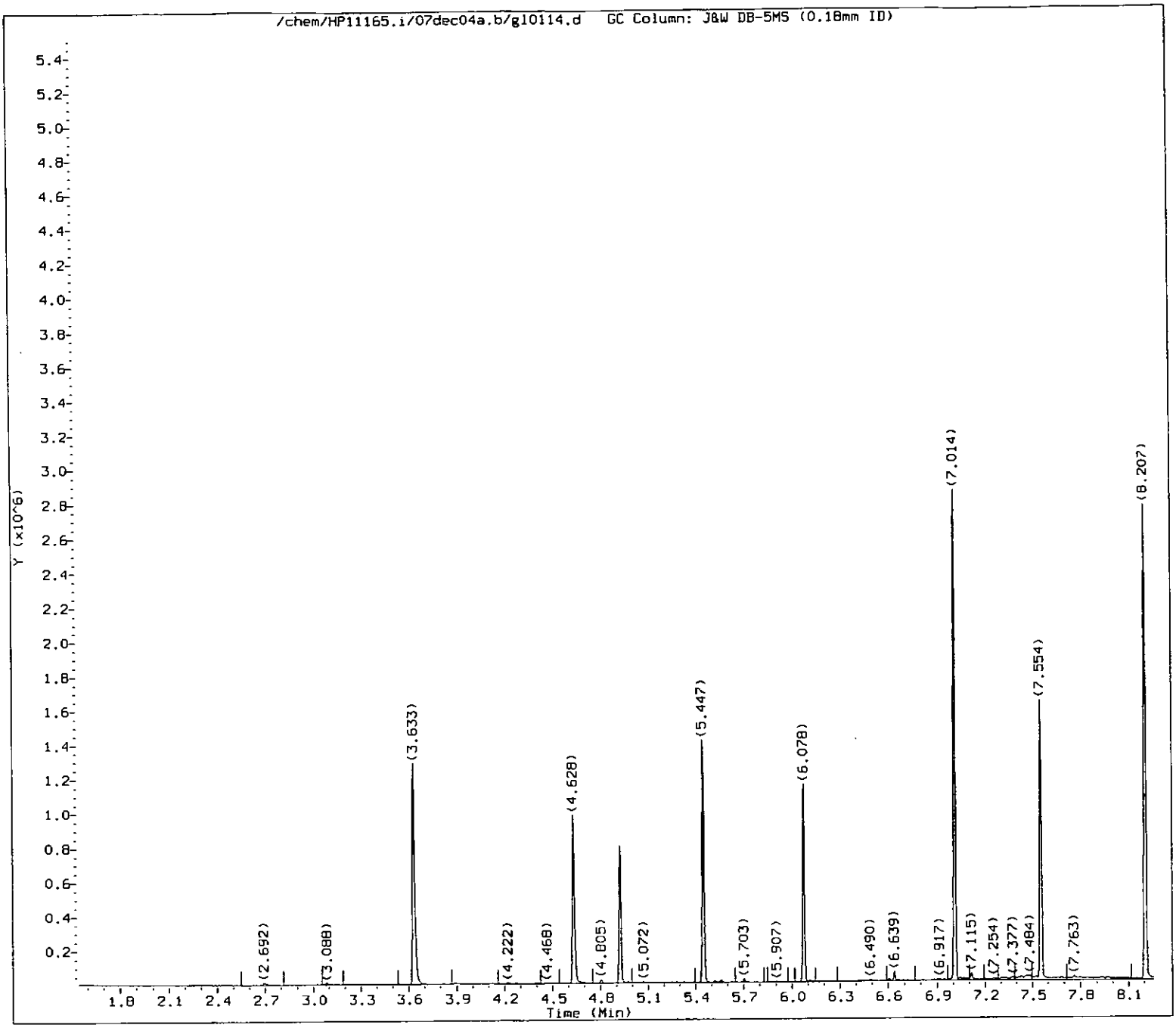
Target Compounds	I.S. Ref.	RT	(+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit (ng/ul)

E = CONC. OUT OF CAL. RANGE # = RELATIVE RETENTION TIME OUT OF RANGE

Total number of targets = 64

Comments:

Analyst: Date: 12-05-07
Auditor: Date: 12/5/07



Quant Report

Target Revision 3.5

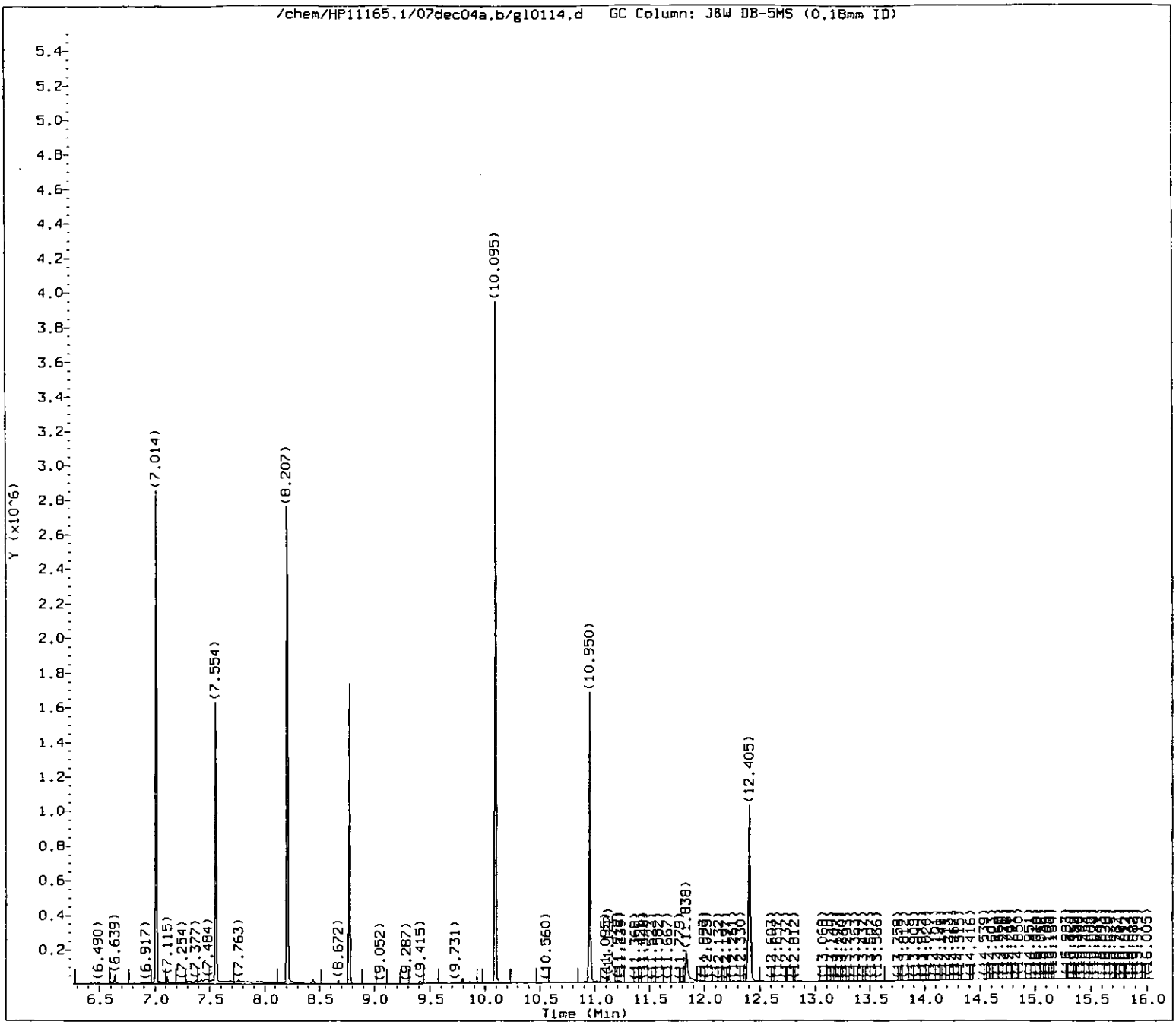
Data File: /chem/HP11165.i/07dec04a.b/gl0114.d Instrument ID: HP11165.i
Injection date and time: 05-DEC-2007 04:30 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07dec04a.b/minti.m Sublist used: WTC8
Calibration date and time: 04-DEC-2007 22:50
Date, time and analyst ID of latest file update: 05-Dec-2007 05:24 jmg00346

Sample Name: BCOS3 Lab Sample ID: 5224006

0414

JMG 12-5-07



Quant Report

Target Revision 3.5

Data File: /chem/HP11165.i/07dec04a.b/gl0114.d Instrument ID: HP11165.i
Injection date and time: 05-DEC-2007 04:30 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07dec04a.b/minti.m Sublist used: WTC8
Calibration date and time: 04-DEC-2007 22:50
Date, time and analyst ID of latest file update: 05-Dec-2007 05:24 jmg00346

Sample Name: BCOS3 Lab Sample ID: 5224006

JM6/5/6
12.5.07

8415

Quant Report

Target Revision 3.5

Data File: /chem/HP11165.i/07dec04a.b/gl0114.d Instrument ID: HP11165.i
Injection date and time: 05-DEC-2007 04:30 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07dec04a.b/minti.m Sublist used: WTC8
Calibration date and time: 04-DEC-2007 22:50
Date, time and analyst ID of latest file update: 05-Dec-2007 07:09 jmg00346

Sample Name: BCOS3 Lab Sample ID: 5224006

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
21) 1,4-Dichlorobenzene-d4	(1)	4.922	152	97992	40.000
52) Naphthalene-d8	(2)	6.078	136	404248	40.000
97) Acenaphthene-d10	(3)	7.554	164	263250	40.000
134) Phenanthrene-d10	(4)	8.773	188	533982	40.000
166) Chrysene-d12	(5)	10.950	240	559012	40.000
174) Perylene-d12	(6)	12.405	264	431052	40.000
9) 2-Fluorophenol	(1)	3.633	112	367303	88.056
15) Phenol-d6	(1)	4.628	99	366802	62.949
38) Nitrobenzene-d5	(2)	5.447	82	456869	83.775
77) 2-Fluorobiphenyl	(3)	7.014	172	743809	83.800
118) 2,4,6-Tribromophenol	(3)	8.212	330	305285	204.150
155) Terphenyl-d14	(5)	10.095	244	963872	79.535

M = Compound was manually integrated. A = User selected an alternate hit

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCEB1

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 5224007

Sample wt/vol: 944 (g/mL)ML Lab File ID: gl0115.d

Level: (low/med) LOW Date Received: 11/30/07

% Moisture: not dec: dec: Date Extracted: 12/04/07

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/05/07

Injection Volume: 1 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Extraction: Sepf

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	LOQ	UG/L	Q
108-95-2	Phenol			5	U
111-44-4	bis(2-Chloroethyl)ether			5	U
95-57-8	2-Chlorophenol			5	U
541-73-1	1,3-Dichlorobenzene			5	U
106-46-7	1,4-Dichlorobenzene			5	U
95-50-1	1,2-Dichlorobenzene			5	U
95-48-7	2-Methylphenol			5	U
108-60-1	2,2'-oxybis(1-Chloropropane)			5	U
621-64-7	N-Nitroso-di-n-propylamine			5	U
106-44-5	4-Methylphenol			5	U
67-72-1	Hexachloroethane			5	U
98-95-3	Nitrobenzene			5	U
78-59-1	Isophorone			5	U
88-75-5	2-Nitrophenol			5	U
105-67-9	2,4-Dimethylphenol			11	U
111-91-1	bis(2-Chloroethoxy)methane			5	U
120-83-2	2,4-Dichlorophenol			5	U
120-82-1	1,2,4-Trichlorobenzene			5	U
91-20-3	Naphthalene			5	U
106-47-8	4-Chloroaniline			5	U
87-68-3	Hexachlorobutadiene			5	U
59-50-7	4-Chloro-3-methylphenol			5	U
91-57-6	2-Methylnaphthalene			5	U
77-47-4	Hexachlorocyclopentadiene			16	U
88-06-2	2,4,6-Trichlorophenol			5	U
95-95-4	2,4,5-Trichlorophenol			5	U
91-58-7	2-Chloronaphthalene			5	U
88-74-4	2-Nitroaniline			5	U
131-11-3	Dimethylphthalate			5	U
606-20-2	2,6-Dinitrotoluene			5	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCEB1

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 5224007

Sample wt/vol: 944 (g/mL) ML Lab File ID: gl0115.d

Level: (low/med) LOW Date Received: 11/30/07

% Moisture: not dec: dec: Date Extracted: 12/04/07

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/05/07

Injection Volume: 1 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Extraction: Sepf

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	LOQ	UG/L	Q
208-96-8	Acenaphthylene			5	U
99-09-2	3-Nitroaniline			5	U
83-32-9	Acenaphthene			5	U
51-28-5	2,4-Dinitrophenol			64	U
100-02-7	4-Nitrophenol			32	U
132-64-9	Dibenzofuran			5	U
121-14-2	2,4-Dinitrotoluene			5	U
84-66-2	Diethylphthalate			5	U
86-73-7	Fluorene			5	U
7005-72-3	4-Chlorophenyl-phenylether			5	U
100-01-6	4-Nitroaniline			5	U
534-52-1	4,6-Dinitro-2-methylphenol			16	U
86-30-6	N-Nitrosodiphenylamine			5	U
101-55-3	4-Bromophenyl-phenylether			5	U
118-74-1	Hexachlorobenzene			5	U
87-86-5	Pentachlorophenol			16	U
85-01-8	Phenanthrene			5	U
120-12-7	Anthracene			5	U
86-74-8	Carbazole			5	U
84-74-2	Di-n-butylphthalate			5	U
206-44-0	Fluoranthene			5	U
129-00-0	Pyrene			5	U
85-68-7	Butylbenzylphthalate			5	U
91-94-1	3,3'-Dichlorobenzidine			5	U
56-55-3	Benzo(a)anthracene			5	U
218-01-9	Chrysene			5	U
117-81-7	bis(2-Ethylhexyl)phthalate			5	U
117-84-0	Di-n-octylphthalate			5	U
205-99-2	Benzo(b)fluoranthene			5	U
207-08-9	Benzo(k)fluoranthene			5	U

8418

1C cont

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCEB1

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 5224007

Sample wt/vol: 944 (g/mL) ML Lab File ID: gl0115.d

Level: (low/med) LOW Date Received: 11/30/07

% Moisture: not dec: dec: Date Extracted: 12/04/07

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/05/07

Injection Volume: 1 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Extraction: Sepf

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	LOQ	UG/L	Q
50-32-8	Benzo(a)pyrene			5	U
193-39-5	Indeno(1,2,3-cd)pyrene			5	U
53-70-3	Dibenz(a,h)anthracene			5	U
191-24-2	Benzo(g,h,i)perylene			5	U

8419

BCEB1

Lancaster Labs
Quantitation Report GC/MS Semi-Volatiles

5224007

Data file: /chem/HP11165.i/07dec04a.b/gl0115.d Blank Data file reference:**/chem/HP11165.i/07dec04a.b/gl0092.d**
Injection date and time: 05-DEC-2007 04:54 Instrument ID: HP11165.i Batch: 07337WAD
Date, time and analyst ID of latest file update: 05-Dec-2007 07:12 jmg00346

Method used: /chem/HP11165.i/07dec04a.b/minti.m Sublist used: **WTC8**
Calibration date and time (Last Method Edit): 04-DEC-2007 22:50
Mid Level Daily Calibration Standard Reference: /chem/HP11165.i/07dec04a.b/gl0091.d

Sample Concentration Formula: On-Column Amount * DF * Uf * Vt/(Vo * Vi) Matrix: WATER GPC Cleanup: No

Dilution Factor (DF): 1 Unit Correction Factor (Uf): 1 Volume Injected (Vi): 1 ul
GPC Cleanup Factor (gpcf): 1 Sample Volume (Vo): 944.0 ml Final Extract Volume (Vt): 1000 ul

Internal Standards	RT (+/-RT)	Scan	QIon	Area (+/- %Area)	Conc (ng/ul)	QC Flag
21) 1,4-Dichlorobenzene-d4	4.923(0.005)	633	152.0	97041(-14)	40.00	
52) Naphthalene-d8	6.078(0.005)	849	136.0	396670(-19)	40.00	
97) Acenaphthene-d10	7.554(0.011)	1125	164.0	254048(-20)	40.00	
134) Phenanthrene-d10	8.774(0.011)	1353	188.0	516553(-19)	40.00	
166) Chrysene-d12	10.951(0.016)	1760	240.0	535467(-26)	40.00	
174) Perylene-d12	12.405(0.016)	2032	264.0	423882(-26)	40.00	

= RETENTION TIME OUT OF RANGE * = INTERNAL STANDARD OUT OF RANGE NC = NOT ABLE TO CALCULATE

Surrogate Standards	I.S. Ref.	RT (+/-RRT)	QIon	Area	Conc. (on column)	%Rec.	QC flags	QC Limits
9) 2-Fluorophenol	(1)	3.634(0.001)	112	422796	102.353	51%		10 - 103
15) Phenol-d6	(1)	4.628(0.002)	99	419318	72.667	36%		10 - 82
38) Nitrobenzene-d5	(2)	5.447(0.001)	82	463736	86.659	87%		51 - 123
77) 2-Fluorobiphenyl	(3)	7.014(-0.001)	172	754996	88.142	88%		63 - 118
118) 2,4,6-Tribromophenol	(3)	8.212(-0.001)	330	340004	235.603	118%		20 - 159
155) Terphenyl-d14	(5)	10.095(-0.001)	244	1020972	87.951	88%		52 - 151

= RELATIVE RETENTION TIME OUT OF RANGE * = PERCENT REC.OUT OF RANGE D = DILUTED OUT NC = NOT ABLE TO CALCULATE

Target Compounds	I.S. Ref.	RT (+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit (ng/ul)
16) Phenol	(1)				Below MDL, Do not report				1.00
18) bis(2-Chloroethyl)ether	(1)				ND	ND			1.00
19) 2-Chlorophenol	(1)				ND	ND			1.00
20) 1,3-Dichlorobenzene	(1)				ND	ND			1.00
22) 1,4-Dichlorobenzene	(1)				ND	ND			1.00
25) 1,2-Dichlorobenzene	(1)				ND	ND			1.00
26) 2-Methylphenol	(1)				Below MDL, Do not report				1.00
27) 2,2'-oxybis(1-Chloropropane)	(1)				Below MDL, Do not report				1.00
31) N-Nitroso-di-n-propylamine	(1)				ND	ND			1.00
33) 4-Methylphenol	(1)				Below MDL, Do not report				2.00
37) Hexachloroethane	(1)				ND	ND			1.00
39) Nitrobenzene	(2)				Below MDL, Do not report				1.00
41) Isophorone	(2)				Below MDL, Do not report				1.00
42) 2-Nitrophenol	(2)				ND	ND			1.00
44) 2,4-Dimethylphenol	(2)				Below MDL, Do not report				3.00
46) bis(2-Chloroethoxy)methane	(2)				Below MDL, Do not report				1.00
49) 2,4-Dichlorophenol	(2)				ND	ND			1.00
50) 1,2,4-Trichlorobenzene	(2)				ND	ND			1.00
53) Naphthalene	(2)				Below MDL, Do not report				1.00
55) 4-Chloroaniline	(2)				ND	ND			1.00
59) Hexachlorobutadiene	(2)				ND	ND			1.00
67) 4-Chloro-3-methylphenol	(2)				ND	ND			1.00
69) 2-Methylnaphthalene	(2)				Below MDL, Do not report				1.00

BCEB1

Lancaster Labs
Quantitation Report GC/MS Semi-Volatiles

5224007

Data file: /chem/HP11165.i/07dec04a.b/gl0115.d Blank Data file reference:/chem/HP11165.i/07dec04a.b/gl0092.d
Injection date and time: 05-DEC-2007 04:54 Instrument ID: HP11165.i Batch: 07337WAD
Date, time and analyst ID of latest file update: 05-Dec-2007 07:12 jmg00346

Method used: /chem/HP11165.i/07dec04a.b/minti.m Sublist used: **WTC8**
Calibration date and time (Last Method Edit): 04-DEC-2007 22:50
Mid Level Daily Calibration Standard Reference: /chem/HP11165.i/07dec04a.b/gl0091.d

Sample Concentration Formula: On-Column Amount * DF * Uf * Vt/(Vo * Vi) Matrix: WATER GPC Cleanup: No

Dilution Factor (DF): 1 Unit Correction Factor (Uf): 1 Volume Injected (Vi): 1 ul
GPC Cleanup Factor (gpcf): 1 Sample Volume (Vo): 944.0 ml Final Extract Volume (Vt): 1000 ul

Target Compounds	I.S. Ref.	RT	(+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit (ng/ul)
71) Hexachlorocyclopentadiene	(3)					ND	ND			5.00
74) 2,4,6-Trichlorophenol	(3)					Below MDL, Do not report				1.00
76) 2,4,5-Trichlorophenol	(3)					Below MDL, Do not report				1.00
83) 2-Chloronaphthalene	(3)					ND	ND			2.00
88) 2-Nitroaniline	(3)					Below MDL, Do not report				1.00
91) Dimethylphthalate	(3)					ND	ND			2.00
93) 2,6-Dinitrotoluene	(3)					ND	ND			1.00
94) Acenaphthylene	(3)					Below MDL, Do not report				1.00
96) 3-Nitroaniline	(3)					Below MDL, Do not report				1.00
98) Acenaphthene	(3)					Below MDL, Do not report				1.00
99) 2,4-Dinitrophenol	(3)					ND	ND			20.00
102) 4-Nitrophenol	(3)					Below MDL, Do not report				10.00
103) Dibenzofuran	(3)					Below MDL, Do not report				1.00
104) 2,4-Dinitrotoluene	(3)					ND	ND			1.00
108) Diethylphthalate	(3)					Below MDL, Do not report				2.00
110) Fluorene	(3)					ND	ND			1.00
111) 4-Chlorophenyl-phenylether	(3)					ND	ND			2.00
113) 4-Nitroaniline	(3)					Below MDL, Do not report				1.00
114) 4,6-Dinitro-2-methylphenol	(4)					ND	ND			5.00
116) N-Nitrosodiphenylamine	(4)					Below MDL, Do not report				2.00
124) 4-Bromophenyl-phenylether	(4)					ND	ND			1.00
126) Hexachlorobenzene	(4)					ND	ND			1.00
130) Pentachlorophenol	(4)					ND	ND			3.00
136) Phenanthrene	(4)					Below MDL, Do not report				1.00
137) Anthracene	(4)					Below MDL, Do not report				1.00
139) Carbazole	(4)					Below MDL, Do not report				1.00
141) Di-n-butylphthalate	(4)					Below MDL, Do not report				2.00
146) Fluoranthene	(4)					Below MDL, Do not report				1.00
153) Pyrene	(5)					Below MDL, Do not report				1.00
160) Butylbenzylphthalate	(5)					Below MDL, Do not report				2.00
163) 3,3'-Dichlorobenzidine	(5)					Below MDL, Do not report				2.00
165) Benzo(a)anthracene	(5)					Below MDL, Do not report				1.00
167) Chrysene	(5)					Below MDL, Do not report				1.00
168) bis(2-Ethylhexyl)phthalate	(5)					Below MDL, Do not report				2.00
169) Di-n-octylphthalate	(6)					ND	ND			2.00
171) Benzo(b)fluoranthene	(6)					Below MDL, Do not report				1.00
172) Benzo(k)fluoranthene	(6)					Below MDL, Do not report				1.00
173) Benzo(a)pyrene	(6)					Below MDL, Do not report				1.00
176) Indeno(1,2,3-cd)pyrene	(6)					ND	ND			1.00
177) Dibenz(a,h)anthracene	(6)					ND	ND			1.00

BCEB1

Lancaster Labs
Quantitation Report GC/MS Semi-Volatiles

5224007

Data file: /chem/HP11165.i/07dec04a.b/gl0115.d Blank Data file reference:**/chem/HP11165.i/07dec04a.b/gl0092.d**
Injection date and time: 05-DEC-2007 04:54 Instrument ID: HP11165.i Batch: 07337WAD
Date, time and analyst ID of latest file update: 05-Dec-2007 07:12 jmg00346

Method used: /chem/HP11165.i/07dec04a.b/minti.m Sublist used: **WTC8**
Calibration date and time (Last Method Edit): 04-DEC-2007 22:50
Mid Level Daily Calibration Standard Reference: /chem/HP11165.i/07dec04a.b/gl0091.d

Sample Concentration Formula: On-Column Amount * DF * Uf * Vt/(Vo * Vi) Matrix: WATER GPC Cleanup: No

Dilution Factor (DF): 1 Unit Correction Factor (Uf): 1 Volume Injected (Vi): 1 ul
GPC Cleanup Factor (gpcf): 1 Sample Volume (Vo): 944.0 ml Final Extract Volume (Vt): 1000 ul

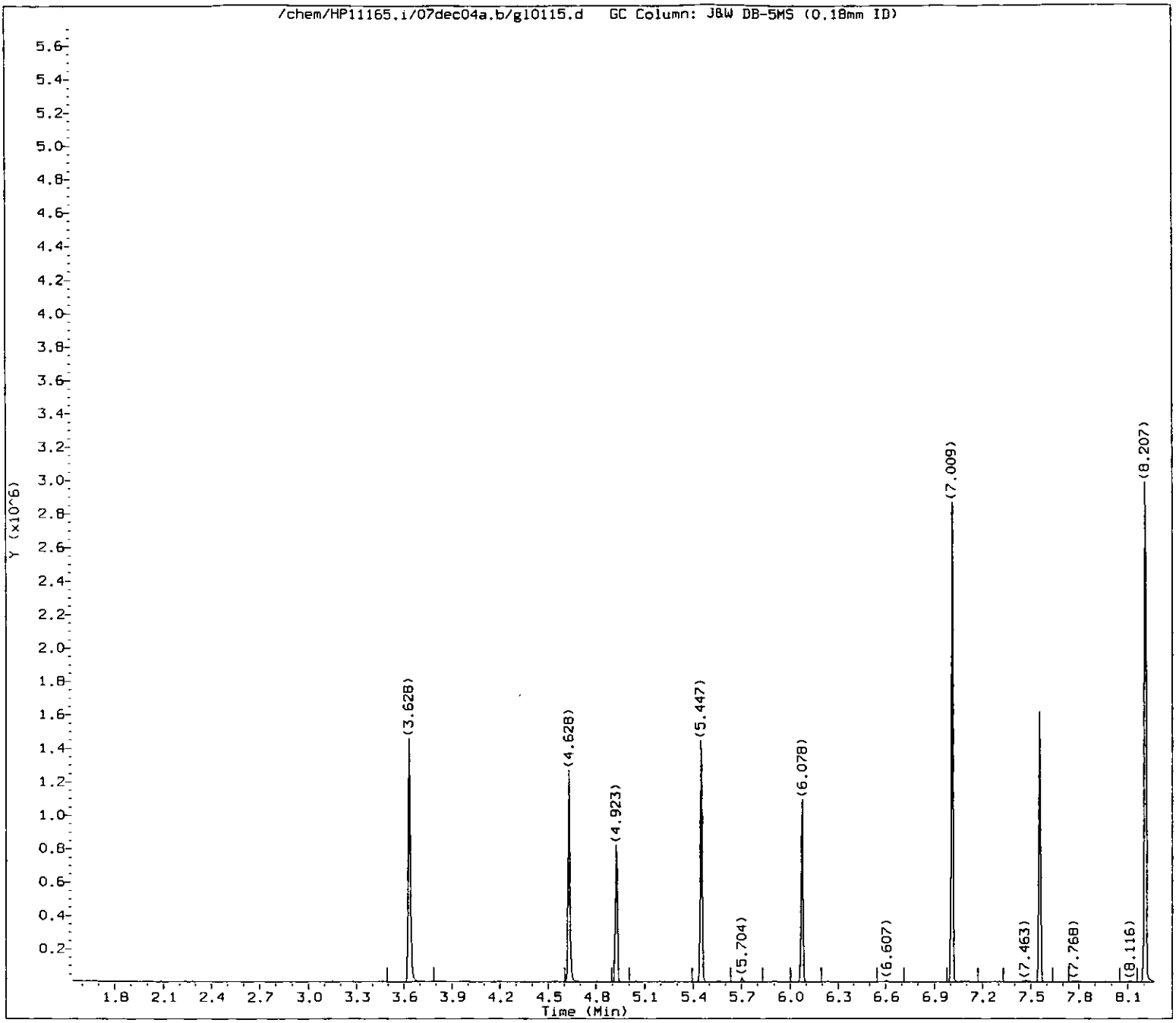
Target Compounds	I.S. Ref.	RT	(+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit (ng/ul)
178) Benzo(g,h,i)perylene	(6)					ND	ND			1.00

E = CONC. OUT OF CAL. RANGE # = RELATIVE RETENTION TIME OUT OF RANGE

Total number of targets = 64

Comments: 241

Analyst: Date: 12/5/07
Auditor: Date: 12/6/07



Quant Report

Target Revision 3.5

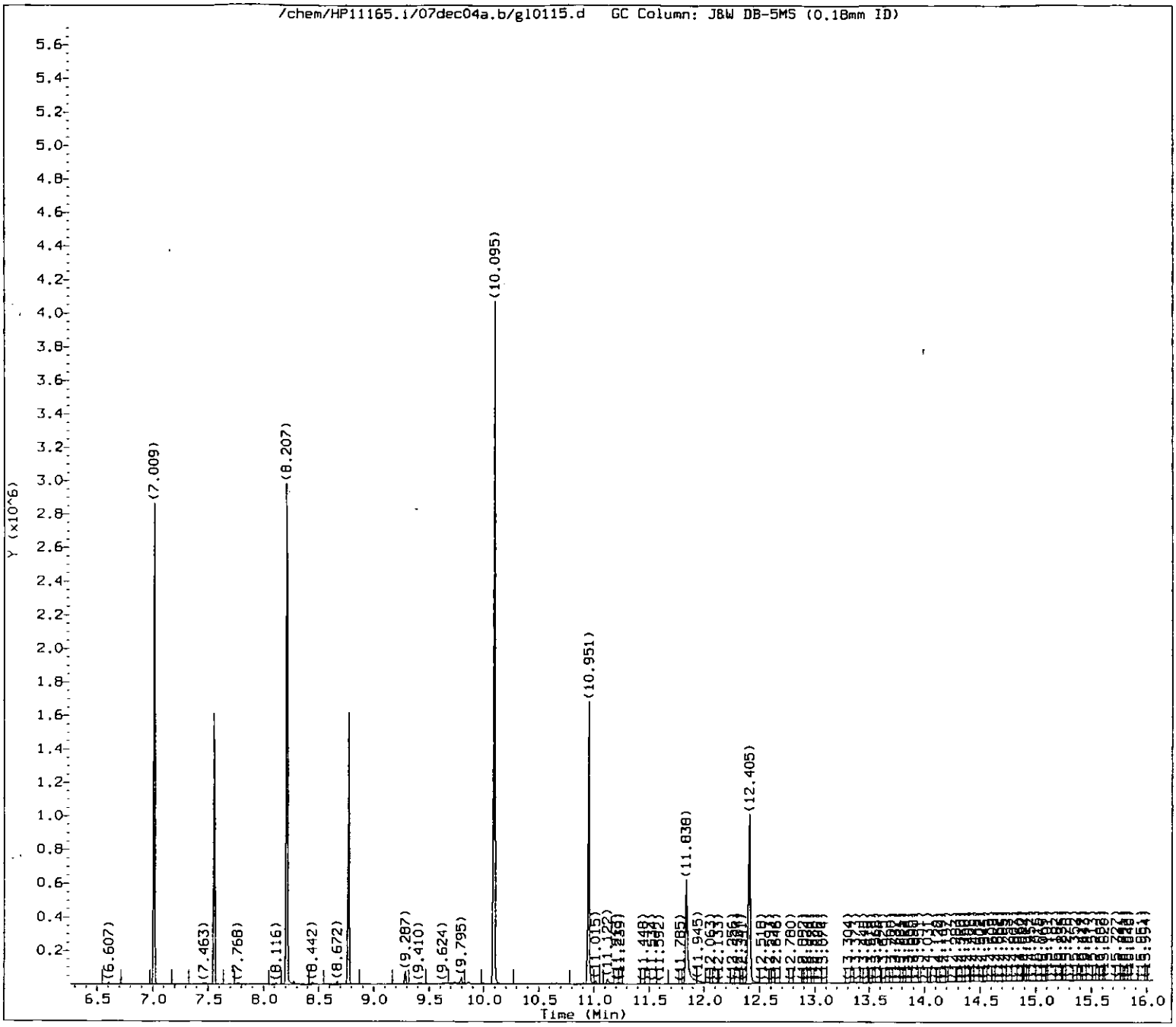
Data File: /chem/HP11165.i/07dec04a.b/gl0115.d Instrument ID: HP11165.i
Injection date and time: 05-DEC-2007 04:54 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07dec04a.b/minti.m Sublist used: WTC8
Calibration date and time: 04-DEC-2007 22:50
Date, time and analyst ID of latest file update: 05-Dec-2007 05:40 jmg00346

Sample Name: BCEB1 Lab Sample ID: 5224007

JM16/546
12-5-07

0423



Quant Report

Target Revision 3.5

Data File: /chem/HP11165.i/07dec04a.b/gl0115.d Instrument ID: HP11165.i
Injection date and time: 05-DEC-2007 04:54 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07dec04a.b/minti.m Sublist used: WTC8
Calibration date and time: 04-DEC-2007 22:50
Date, time and analyst ID of latest file update: 05-Dec-2007 05:40 jmg00346

Sample Name: BCEB1 Lab Sample ID: 5224007

JMG/5-6
12-5-07

8424

Quant Report

Target Revision 3.5

Data File: /chem/HP11165.i/07dec04a.b/gl0115.d Instrument ID: HP11165.i
Injection date and time: 05-DEC-2007 04:54 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07dec04a.b/minti.m Sublist used: WTC8
Calibration date and time: 04-DEC-2007 22:50
Date, time and analyst ID of latest file update: 05-Dec-2007 07:12 jmg00346

Sample Name: BCEB1 Lab Sample ID: 5224007

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
21) 1,4-Dichlorobenzene-d4	(1)	4.923	152	97041	40.000
52) Naphthalene-d8	(2)	6.078	136	396670	40.000
97) Acenaphthene-d10	(3)	7.554	164	254048	40.000
134) Phenanthrene-d10	(4)	8.774	188	516553	40.000
166) Chrysene-d12	(5)	10.951	240	535467	40.000
174) Perylene-d12	(6)	12.405	264	423882	40.000
9) 2-Fluorophenol	(1)	3.634	112	422796	102.353
15) Phenol-d6	(1)	4.628	99	419318	72.667
38) Nitrobenzene-d5	(2)	5.447	82	463736	86.659
77) 2-Fluorobiphenyl	(3)	7.014	172	754996	88.142
118) 2,4,6-Tribromophenol	(3)	8.212	330	340004	235.603
155) Terphenyl-d14	(5)	10.095	244	1020972	87.951

M = Compound was manually integrated. A = User selected an alternate hit

Standards Data

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Instrument ID: HP11165 Calibration Date(s): 11/15/07 11/15/07

Calibration Times: 16:55 18:59

Min $\overline{RRF}$ for SPCC(#) = 0.050 Max %RSD for CCC(*) = 30%

LAB FILE ID: RRF5 = gk0616.d RRF15 = gk0615.d RRF30 = gk0614.d
RRF50 = gk0611.d RRF80 = gk0613.d RRF120 = gk0612.d

	COMPOUND	RRF5	RRF15	RRF30	RRF50	RRF80	RRF120	RRF	$\overline{RRF}$	% RSD	CAL. METHOD	
	1,4-Dioxane	0.945	0.886	0.905	0.900	0.952	0.987		0.929	4	AVG	
	N-Nitrosodimethylamine	1.018	1.166	1.055	1.179	1.271	1.442		1.188	13	AVG	
	Pyridine	2.057	2.172	1.886	2.172	2.436	2.510		2.205	11	AVG	
	2-Picoline	1.883	1.956	2.085	2.147	2.295	2.190		2.093	7	AVG	
	N-Nitrosomethylethylamine	1.032	1.033	1.050	1.071	1.059	1.069		1.052	2	AVG	
	Methyl methanesulfonate	0.887	0.917	0.918	1.010	0.961	0.965		0.943	5	AVG	
	N-Nitrosodiethylamine	0.860	0.947	0.994	1.042	1.017	1.022		0.980	7	AVG	
	Ethyl methanesulfonate	0.783	0.837	0.878	0.916	0.898	0.890		0.867	6	AVG	
	Aniline	3.094	3.211	3.296	3.441	3.357	3.357		3.293	4	AVG	
*	Phenol	2.565	2.718	2.783	2.902	2.919	2.906		2.799	5	AVG	*
	Pentachloroethane	0.501	0.522	0.530	0.544	0.547	0.546		0.532	3	AVG	
	bis(2-Chloroethyl)ether	2.017	1.966	1.982	2.048	2.104	2.022		2.023	2	AVG	
	2-Chlorophenol	1.446	1.488	1.515	1.603	1.583	1.563		1.533	4	AVG	
	1,3-Dichlorobenzene	1.490	1.535	1.539	1.564	1.543	1.550		1.537	2	AVG	
*	1,4-Dichlorobenzene	1.574	1.554	1.538	1.632	1.609	1.572		1.580	2	AVG	*
	Benzyl alcohol	1.184	1.255	1.334	1.229	1.312	1.312		1.271	5	AVG	
	1,2-Dichlorobenzene	1.463	1.485	1.485	1.501	1.489	1.495		1.486	1	AVG	
	2-Methylphenol	1.674	1.802	1.797	1.866	1.914	1.884		1.823	5	AVG	
	2,2'-oxybis(1-Chloropropane)	2.389	2.299	2.399	2.451	2.434	2.367		2.390	2	AVG	
	bis(2-Chloroisopropyl)ether	2.389	2.299	2.399	2.451	2.434	2.367		2.390	2	AVG	
	N-Nitrosopyrrolidine	0.835	0.954	0.995	1.022	1.071	1.056		0.989	9	AVG	
	Acetophenone	2.486	2.605	2.587	2.594	2.579	2.609		2.577	2	AVG	
#	N-Nitroso-di-n-propylamine	1.619	1.610	1.622	1.661	1.704	1.665		1.647	2	AVG	#
	N-Nitrosomorpholine	0.944	1.054	1.113	1.107	1.119	1.094		1.072	6	AVG	
	4-Methylphenol	1.896	1.993	1.832	2.075	2.141	2.103		2.007	6	AVG	
	o-Toluidine	2.964	3.078	3.115	3.158	3.167	3.130		3.102	2	AVG	
	Hexachloroethane	0.632	0.651	0.662	0.678	0.696	0.684		0.667	4	AVG	
	Nitrobenzene	0.550	0.550	0.558	0.606	0.596	0.585		0.574	4	AVG	
	N-Nitrosopiperidine	0.199	0.214	0.214	0.223	0.223	0.222		0.216	4	AVG	
	Isophorone	0.891	0.971	0.956	1.029	1.026	1.019		0.982	5	AVG	
*	2-Nitrophenol	0.159	0.177	0.182	0.190	0.197	0.194		0.183	8	AVG	*
	2,4-Dimethylphenol	0.440	0.470	0.467	0.493	0.497	0.495		0.477	5	AVG	
	O,O,O-triethylphosphorothioate	0.178	0.194	0.194	0.201	0.200	0.198		0.194	4	AVG	
	bis(2-Chloroethoxy)methane	0.559	0.572	0.568	0.600	0.592	0.571		0.577	3	AVG	
	Benzoic acid	0.209	0.291	0.317	0.317	0.384	0.401		0.320	22	1STDEG	
*	2,4-Dichlorophenol	0.279	0.307	0.297	0.321	0.324	0.321		0.308	6	AVG	*
	1,2,4-Trichlorobenzene	0.306	0.319	0.310	0.325	0.331	0.323		0.319	3	AVG	
	Naphthalene	1.086	1.142	1.091	1.153	1.160	1.153		1.131	3	AVG	
	4-Chloroaniline	0.411	0.460	0.434	0.456	0.463	0.454		0.446	5	AVG	
	2,6-Dichlorophenol	0.269	0.292	0.294	0.302	0.305	0.300		0.294	4	AVG	
	Hexachloropropene	0.172	0.189	0.196	0.212	0.223	0.218		0.202	10	AVG	
*	Hexachlorobutadiene	0.196	0.194	0.185	0.197	0.200	0.197		0.195	3	AVG	*
	Caprolactam	0.143	0.148	0.157	0.164	0.168	0.169		0.158	7	AVG	
	N-Nitrosodi-n-butylamine	0.443	0.452	0.462	0.482	0.370	0.370		0.430	11	AVG	
*	4-Chloro-3-methylphenol	0.387	0.400	0.402	0.435	0.441	0.429		0.416	5	AVG	*
	Safrole	0.258	0.288	0.283	0.298	0.303	0.298		0.288	6	AVG	
	2-Methylnaphthalene	0.709	0.726	0.709	0.738	0.746	0.731		0.726	2	AVG	
	1-Methylnaphthalene	0.698	0.723	0.705	0.739	0.736	0.730		0.722	2	AVG	
#	Hexachlorocyclopentadiene	0.184	0.242	0.259	0.299	0.307	0.315		0.268	19	1STDEG	#
	1,2,4,5-Tetrachlorobenzene	0.562	0.556	0.564	0.581	0.592	0.573		0.571	2	AVG	
	cis-Isosafrole	0.472	0.412	0.441	0.473	0.473	0.454		0.454	5	AVG	
*	2,4,6-Trichlorophenol	0.310	0.365	0.371	0.383	0.394	0.391		0.369	8	AVG	*

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6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Instrument ID: HP11165 Calibration Date(s): 11/15/07 11/15/07

Calibration Times: 16:55 18:59

Min $\overline{RRF}$ for SPCC(#) = 0.050 Max %RSD for CCC(*) = 30%

LAB FILE ID: RRF5 = gk0616.d RRF15 = gk0615.d RRF30 = gk0614.d
RRF50 = gk0611.d RRF80 = gk0613.d RRF120 = gk0612.d

	COMPOUND	RRF5	RRF15	RRF30	RRF50	RRF80	RRF120	RRF	$\overline{RRF}$	% RSD	CAL. METHOD	
	2,4,5-Trichlorophenol	0.396	0.411	0.419	0.450	0.447	0.447		0.428	5	AVG	
	trans-Isosafrole	0.513	0.572	0.589	0.607	0.605	0.599		0.581	6	AVG	
	Isosafrole	0.457	0.509	0.524	0.540	0.538	0.533		0.517	6	AVG	
	Biphenyl	1.483	1.533	1.520	1.569	1.580	1.541		1.538	2	AVG	
	Diphenyl	1.483	1.533	1.520	1.569	1.580	1.541		1.538	2	AVG	
	1,1'-Biphenyl	1.483	1.533	1.520	1.569	1.580	1.541		1.538	2	AVG	
	2-Chloronaphthalene	1.219	1.194	1.492	1.429	1.233	1.482		1.341	10	AVG	
	Diphenyl ether	0.859	0.849	0.853	0.888	0.891	0.870		0.868	2	AVG	
	2-Nitroaniline	0.310	0.379	0.396	0.414	0.425	0.415		0.390	11	AVG	
	1,4-Naphthoquinone	0.355	0.429	0.446	0.456	0.456	0.432		0.429	9	AVG	
	1,4-Dinitrobenzene	0.137	0.188	0.208	0.221	0.235	0.228		0.203	18	1STDEG	
	Dimethylphthalate	1.238	1.308	1.298	1.331	1.343	1.307		1.304	3	AVG	
	1,3-Dinitrobenzene	0.169	0.226	0.247	0.253	0.262	0.262		0.236	15	AVG	+
	2,6-Dinitrotoluene	0.247	0.285	0.295	0.308	0.312	0.312		0.293	9	AVG	
	Acenaphthylene	1.704	1.773	1.795	1.838	1.866	1.850		1.804	3	AVG	
	3-Nitroaniline	0.300	0.352	0.354	0.366	0.370	0.373		0.352	8	AVG	
*	Acenaphthene	1.162	1.201	1.172	1.200	1.224	1.224		1.197	2	AVG	*
#	2,4-Dinitrophenol	0.107	0.149	0.167	0.180	0.205	0.215		0.171	23	1STDEG	#
	Pentachlorobenzene	0.520	0.530	0.521	0.533	0.546	0.538		0.531	2	AVG	
#	4-Nitrophenol	0.188	0.229	0.231	0.277	0.285	0.287		0.250	16	1STDEG	#
	Dibenzofuran	1.716	1.758	1.702	1.783	1.793	1.778		1.755	2	AVG	
	2,4-Dinitrotoluene	0.331	0.376	0.387	0.403	0.411	0.414		0.387	8	AVG	
	1-Naphthylamine	1.093	1.167	1.220	1.213	1.225	1.200		1.186	4	AVG	
	2,3,4,6-Tetrachlorophenol	0.294	0.333	0.345	0.363	0.372	0.375		0.347	9	AVG	
	2-Naphthylamine	1.149	1.205	1.235	1.248	1.237	1.191		1.211	3	AVG	
	Diethylphthalate	1.300	1.334	1.325	1.370	1.392	1.364		1.348	3	AVG	
	Thionazin	0.283	0.258	0.266	0.274	0.283	0.266		0.272	4	AVG	
	Fluorene	1.424	1.464	1.448	1.463	1.501	1.492		1.465	2	AVG	
	4-Chlorophenyl-phenylether	0.690	0.719	0.688	0.737	0.747	0.751		0.722	4	AVG	
	5-Nitro-o-toluidine	0.403	0.404	0.418	0.436	0.431	0.433		0.421	3	AVG	
	4-Nitroaniline	0.355	0.388	0.395	0.390	0.394	0.390		0.385	4	AVG	
	4,6-Dinitro-2-methylphenol	0.083	0.103	0.117	0.132	0.144	0.141		0.120	20	1STDEG	
	1-Nitronaphthalene	0.133	0.139	0.141	0.148	0.152	0.148		0.144	5	AVG	
*	N-Nitrosodiphenylamine (1)	0.522	0.541	0.541	0.564	0.565	0.559		0.549	3	AVG	*
	1,2-Diphenylhydrazine	0.985	0.983	1.015	1.061	1.091	1.066		1.034	4	AVG	
	Tetraethyldithiopyrophosphate	0.124	0.131	0.135	0.142	0.143	0.137		0.135	5	AVG	
	1,3,5-Trinitrobenzene	0.042	0.065	0.076	0.085	0.096	0.097		0.077	27	1STDEG	
	Diallate (peak 1)	0.410	0.421	0.422	0.452	0.454	0.441		0.433	4	AVG	
	Phorate	0.471	0.545	0.551	0.590	0.596	0.579		0.555	8	AVG	
	Phenacetin	0.382	0.406	0.429	0.447	0.460	0.453		0.430	7	AVG	
	4-Bromophenyl-phenylether	0.206	0.207	0.208	0.220	0.223	0.225		0.215	4	AVG	
	Diallate (peak 2)	0.359	0.400	0.403	0.423	0.434	0.425		0.407	7	AVG	
	Hexachlorobenzene	0.236	0.230	0.237	0.250	0.256	0.257		0.244	5	AVG	
	Dimethoate	0.298	0.332	0.323	0.331	0.305	0.278		0.311	7	AVG	
	Diallate TRANS/CIS	0.398	0.416	0.417	0.445	0.449	0.437		0.427	5	AVG	
*	Pentachlorophenol	0.120	0.125	0.135	0.153	0.165	0.169		0.145	15	AVG	*+
	Pentachloronitrobenzene	0.090	0.091	0.087	0.094	0.095	0.093		0.092	3	AVG	
	4-Aminobiphenyl	0.626	0.665	0.678	0.701	0.714	0.694		0.679	5	AVG	
	Pronamide	0.247	0.289	0.285	0.306	0.316	0.307		0.292	9	AVG	
	Dinoseb	0.073	0.122	0.149	0.177	0.199	0.203		0.154	33	1STDEG	
	Phenanthrene	1.040	1.033	1.026	1.078	1.103	1.084		1.061	3	AVG	
	Anthracene	1.022	1.053	1.055	1.093	1.132	1.131		1.081	4	AVG	

+ %RSD is less than or equal to 15%; however, value rounds to 15.
(1) Cannot be separated from Diphenylamine

0428

FORM VI SV-1

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Instrument ID: HP11165 Calibration Date(s): 11/15/07 11/15/07

Calibration Times: 16:55 18:59

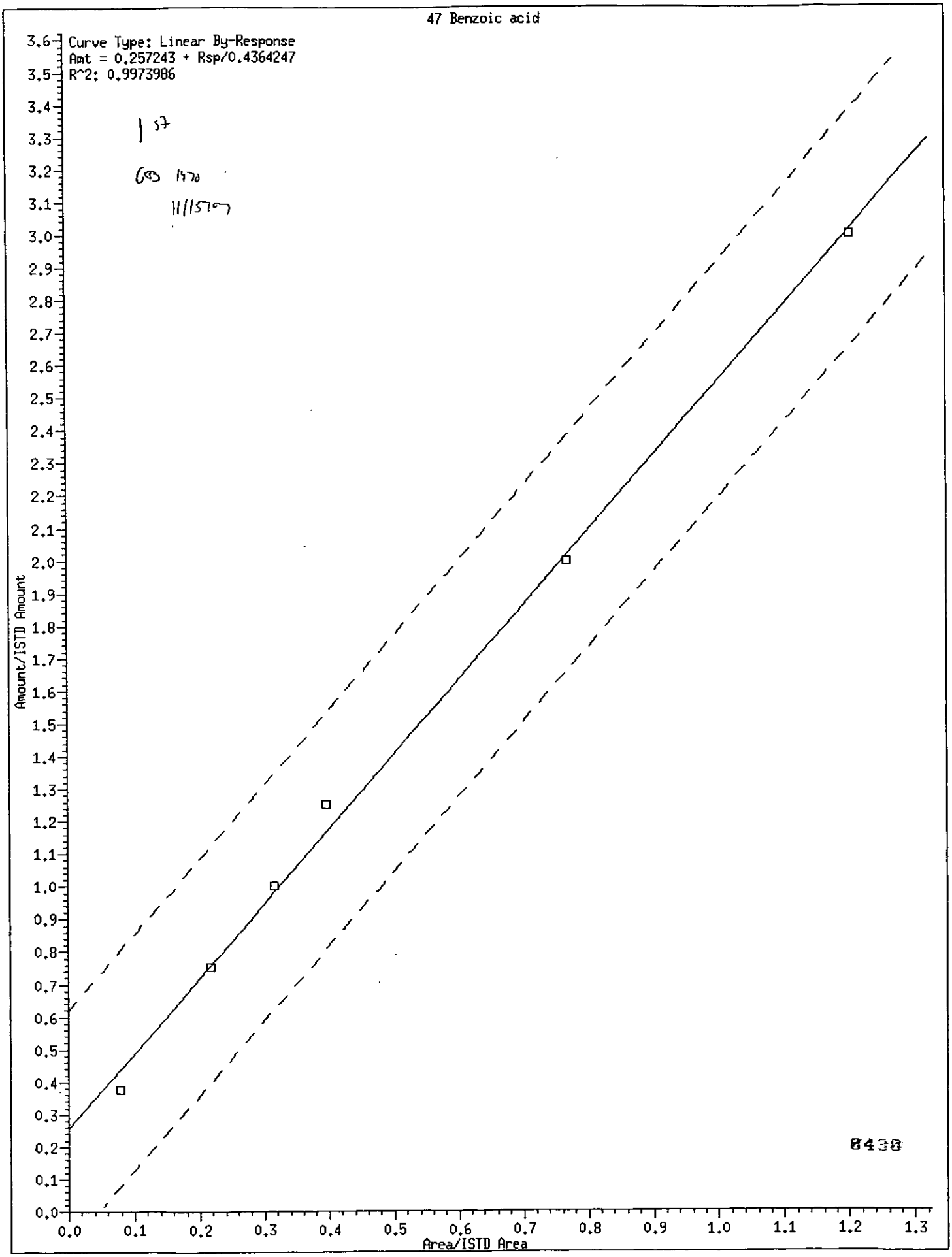
Min $\overline{RRF}$ for SPCC(#) = 0.050 Max %RSD for CCC(*) = 30%

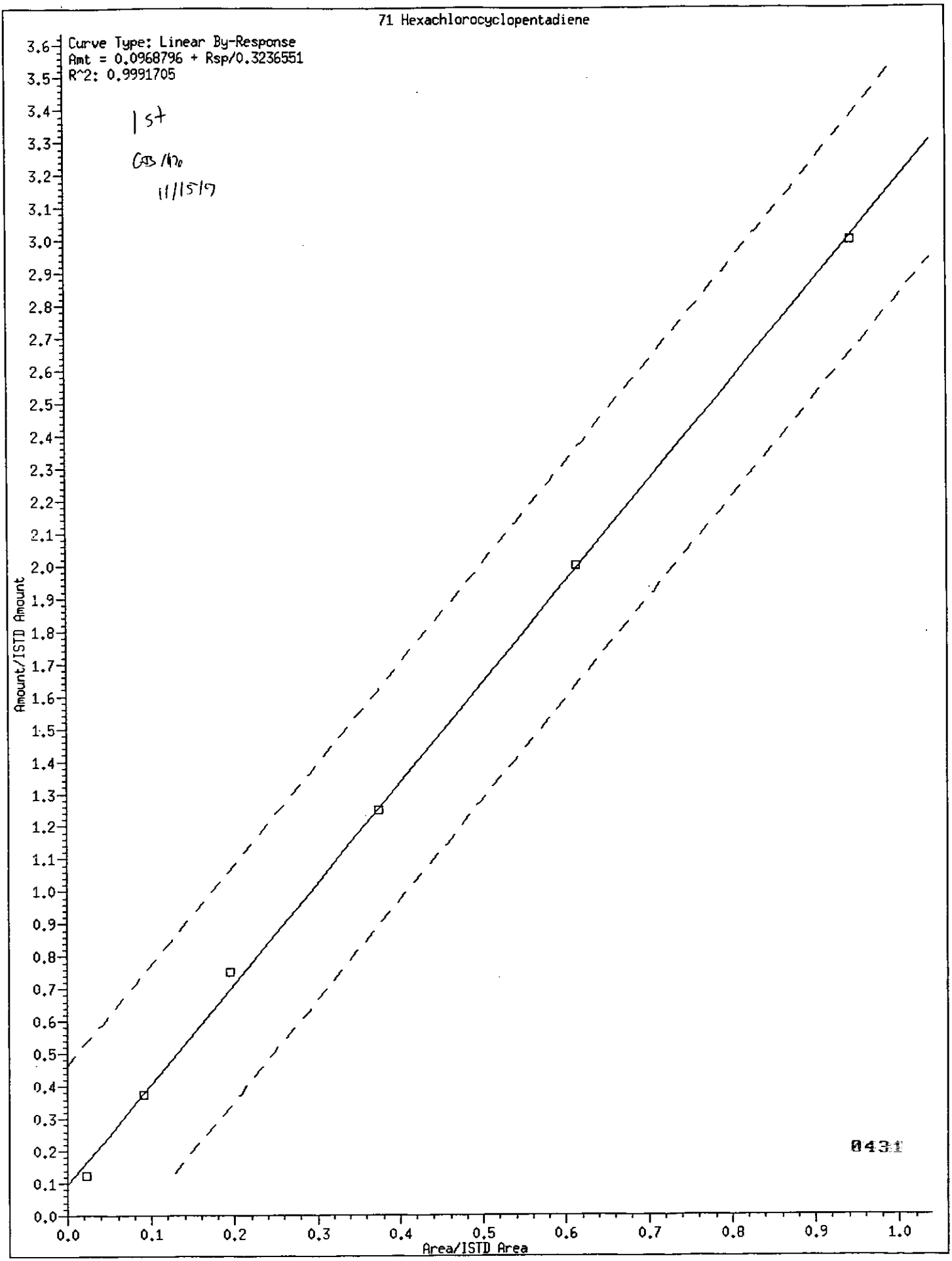
LAB FILE ID: RRF5 = gk0616.d RRF15 = gk0615.d RRF30 = gk0614.d
RRF50 = gk0611.d RRF80 = gk0613.d RRF120 = gk0612.d

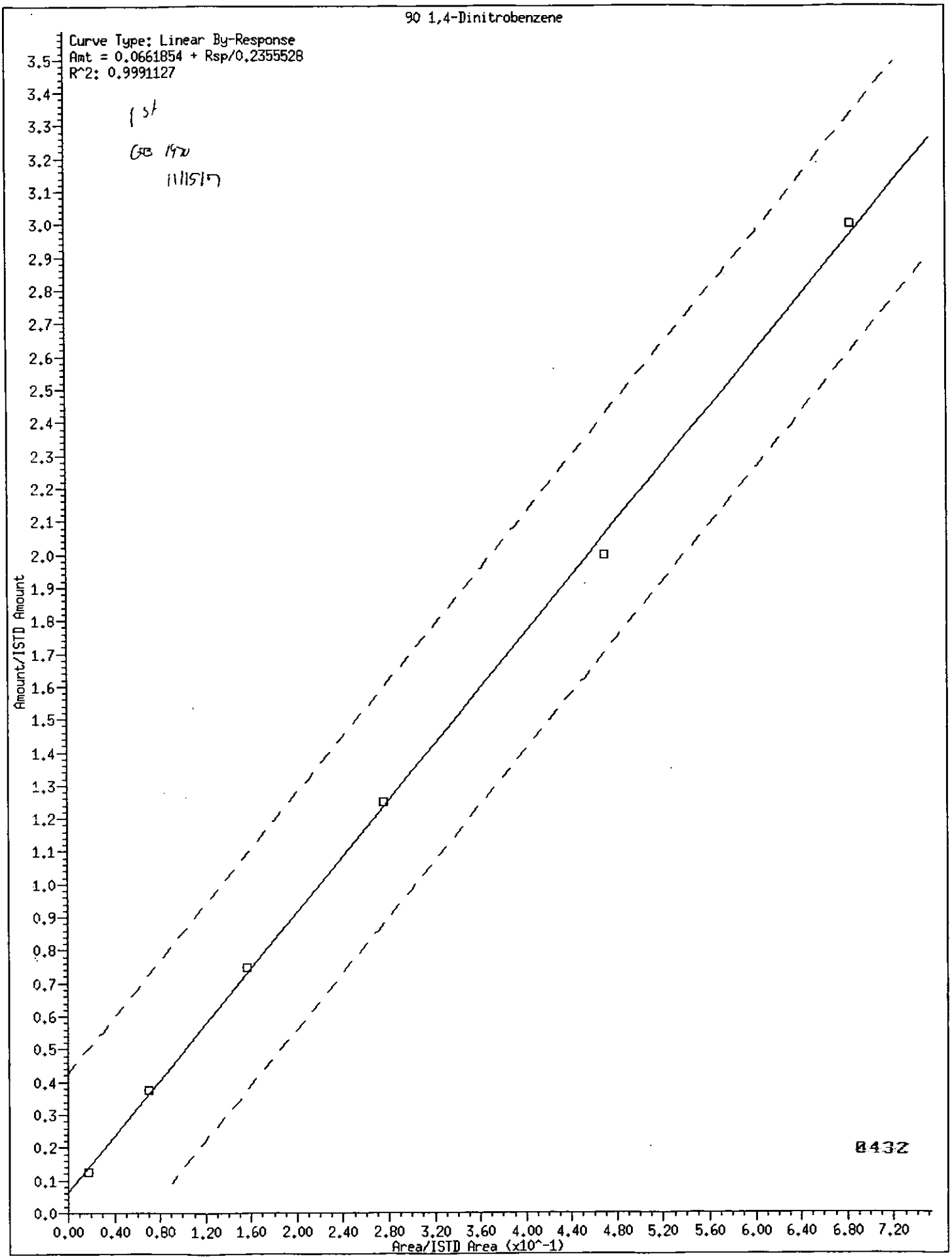
	COMPOUND	RRF5	RRF15	RRF30	RRF50	RRF80	RRF120	RRF	$\overline{RRF}$	% RSD	CAL. METHOD	
	Carbazole	0.998	1.028	1.033	1.078	1.106	1.081		1.054	4	AVG	
	Methyl parathion	0.166	0.222	0.230	0.240	0.230	0.215		0.217	12	AVG	
	Di-n-butylphthalate	0.970	1.094	1.118	1.170	1.205	1.193		1.125	8	AVG	
	Parathion	0.099	0.136	0.152	0.161	0.172	0.166		0.148	18	1STDEG	
	4-Nitroquinoline-1-oxide	0.035	0.052	0.077	0.093	0.109	0.103		0.078	38	1STDEG	
	Methapyrilene	0.320	0.362	0.353	0.343	0.313	0.286		0.330	9	AVG	
	Isodrin	0.107	0.107	0.108	0.115	0.118	0.114		0.111	4	AVG	
*	Fluoranthene	1.165	1.215	1.249	1.311	1.358	1.358		1.276	6	AVG	*
	Benzidine	0.454	0.585	0.608	0.646	0.641	0.627		0.593	12	AVG	
	Pyrene	1.102	1.181	1.149	1.238	1.214	1.216		1.183	4	AVG	
	p-Dimethylaminoazobenzene	0.189	0.225	0.228	0.258	0.265	0.264		0.238	12	AVG	
	Chlorobenzilate	0.269	0.317	0.310	0.327	0.318	0.310		0.309	7	AVG	
	3,3'-Dimethylbenzidine	0.361	0.470	0.521	0.580	0.593	0.592		0.519	18	1STDEG	
	Butylbenzylphthalate	0.422	0.473	0.469	0.506	0.498	0.487		0.476	6	AVG	
	2-Acetylaminofluorene	0.243	0.313	0.374	0.400	0.423	0.431		0.364	20	1STDEG	
	3,3'-Dichlorobenzidine	0.309	0.378	0.395	0.438	0.453	0.458		0.405	14	AVG	
	4,4'-Methylenebis(2-Chloroanil	0.157	0.188	0.195	0.225	0.228	0.233		0.204	14	AVG	
	Benzo(a)anthracene	1.073	1.119	1.127	1.220	1.249	1.259		1.175	7	AVG	
	Chrysene	1.135	1.144	1.142	1.202	1.219	1.228		1.178	4	AVG	
	bis(2-Ethylhexyl)phthalate	0.499	0.589	0.596	0.659	0.666	0.663		0.612	11	AVG	
	6-Methylchrysene	0.674	0.717	0.745	0.812	0.841	0.845		0.772	9	AVG	
*	Di-n-octylphthalate	0.732	1.101	1.194	1.369	1.400	1.450		1.208	22	1STDEG	*
	Dibenz(a,h)acridine	0.699	0.882	0.984	1.119	1.183	1.263		1.022	20	1STDEG	
	Dibenz(a,j)acridine	0.876	1.197	1.223	1.257	1.323	1.407		1.214	15	1STDEG	
	Hexabromobenzene								0.000	0	AVG	
	7,12-Dimethylbenz[a]anthracene	0.532	0.666	0.692	0.780	0.807	0.828		0.717	16	1STDEG	
	Benzo(b)fluoranthene	1.252	1.355	1.474	1.629	1.658	1.803		1.528	13	AVG	
	Ronnel	0.242	0.257	0.262	0.275	0.286	0.267		0.265	6	AVG	
	Benzo(k)fluoranthene	1.487	1.613	1.550	1.651	1.670	1.679		1.608	5	AVG	
*	Benzo(a)pyrene	1.076	1.272	1.316	1.466	1.494	1.517		1.357	13	AVG	*
	3-Methylcholanthrene	0.569	0.703	0.733	0.826	0.861	0.890		0.764	16	1STDEG	
	Indeno(1,2,3-cd)pyrene	1.397	1.567	1.674	1.712	1.825	1.904		1.680	11	AVG	
	Dibenz(a,h)anthracene	1.091	1.270	1.328	1.411	1.485	1.518		1.350	12	AVG	
	Benzo(g,h,i)perylene	1.250	1.358	1.402	1.472	1.569	1.610		1.444	9	AVG	
	1-Chloronaphthalene	1.079	1.145	1.040	1.153	1.157	1.086		1.110	4	AVG	
	2-Fluorophenol	1.548	1.653	1.696	1.801	1.755	1.763		1.703	5	AVG	
	Phenol-d5	2.096	2.315	2.418	2.512	2.467	2.465		2.379	6	AVG	
	Phenol-d6	2.096	2.315	2.418	2.512	2.467	2.465		2.379	6	AVG	
	Nitrobenzene-d5	0.498	0.539	0.525	0.560	0.562	0.554		0.540	5	AVG	
	2-Fluorobiphenyl	1.321	1.329	1.317	1.358	1.394	1.372		1.349	2	AVG	
	2,4,6-Tribromophenol	0.183	0.216	0.222	0.232	0.251	0.260		0.227	12	AVG	
	Terphenyl-d14	0.811	0.838	0.833	0.898	0.899	0.925		0.867	5	AVG	
								Average %RSD		7		

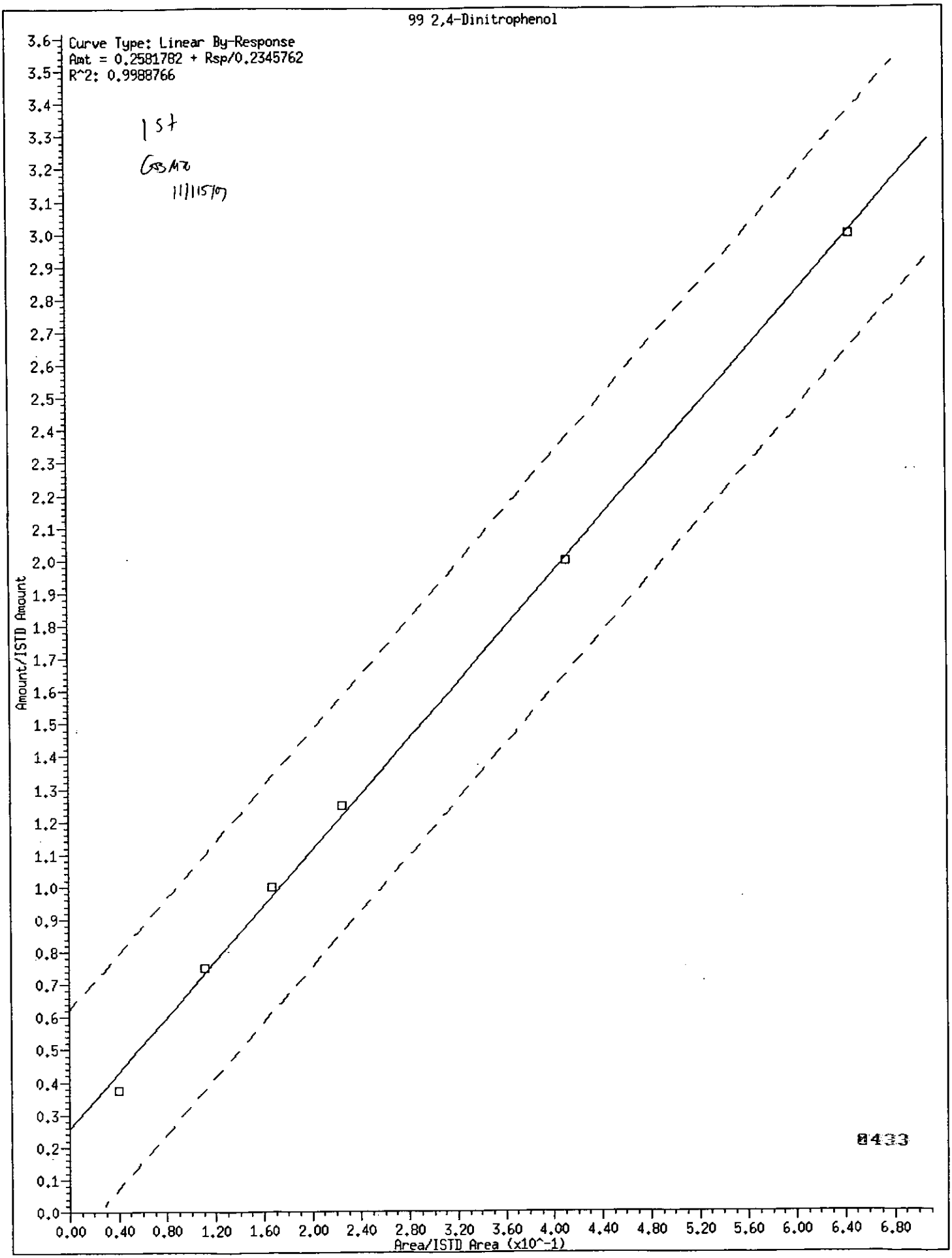
0429

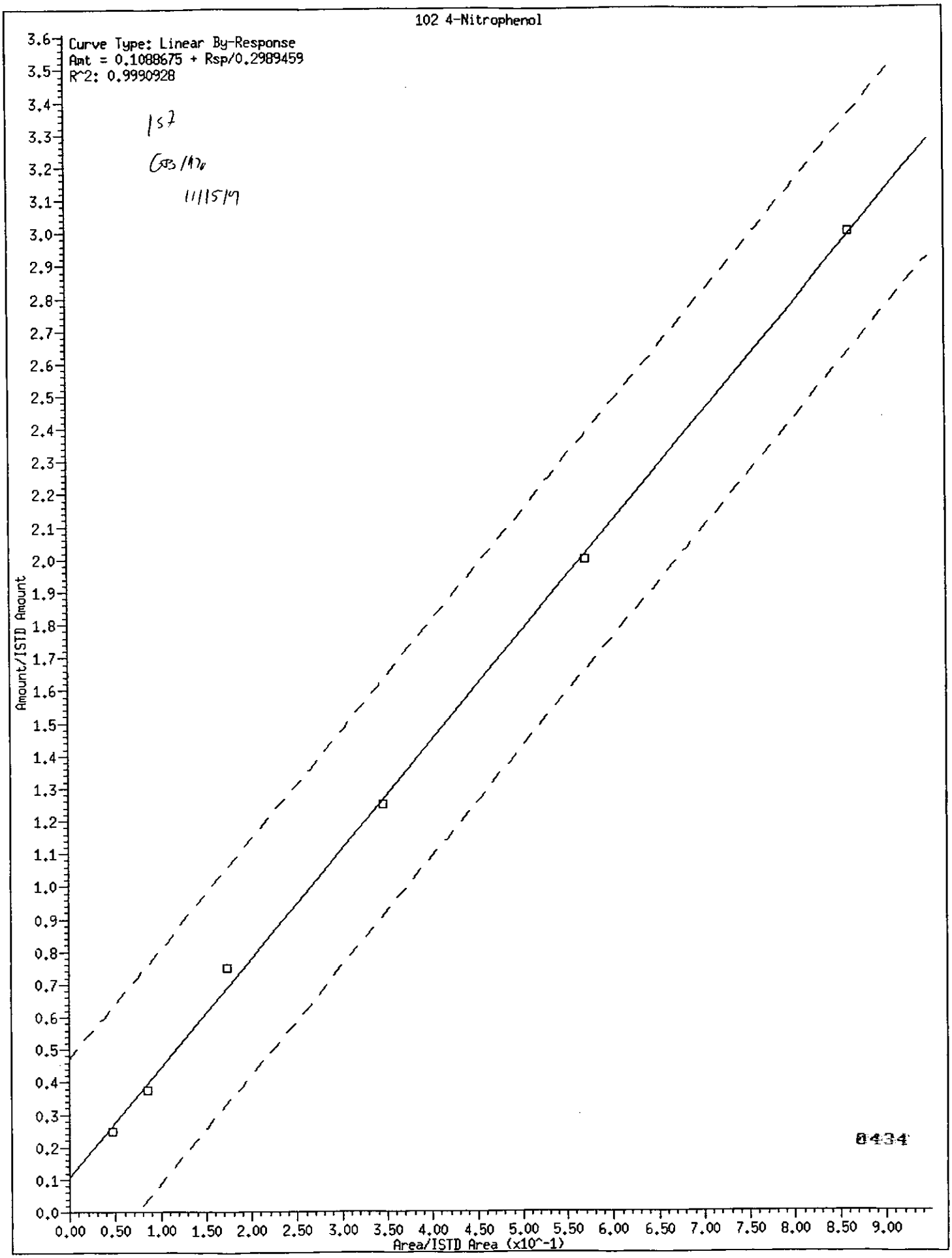
4,6-Dinitro-2-methylphenol and 4-Nitrophenol are at 10 ng/ul in the 5 standard.
Benzoic acid, Pentachlorophenol and 2,4-Dinitrophenol are at 15 ng/ul in the 5 standard.
Benzidine Levels in the 5,15,30,50,80,120 standards are 15,45,90,150,240,360 ng/ul, respectively.
Benzoic acid, Pentachlorophenol and 2,4-Dinitrophenol are at 15 ng/ul, 30 ng/ul,40 ng/ul in the 5 ,15, 30 standards.

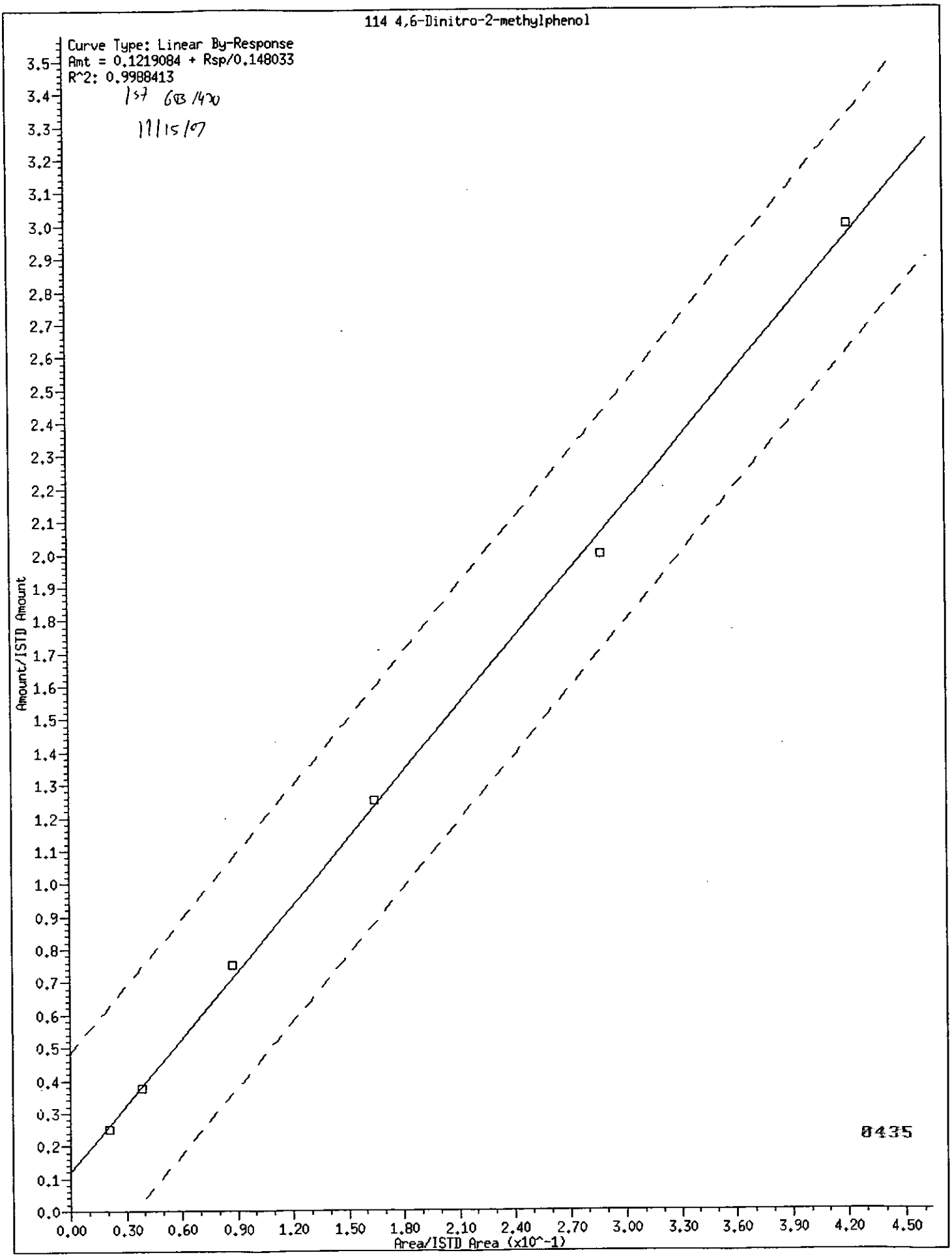

47 Benzoic acid
Curve Type: Linear By-Response
Amt = 0.257243 + Rsp/0.4364247
R^2: 0.9973986
Amount/ISTD Amount
Area/ISTD Area
8438

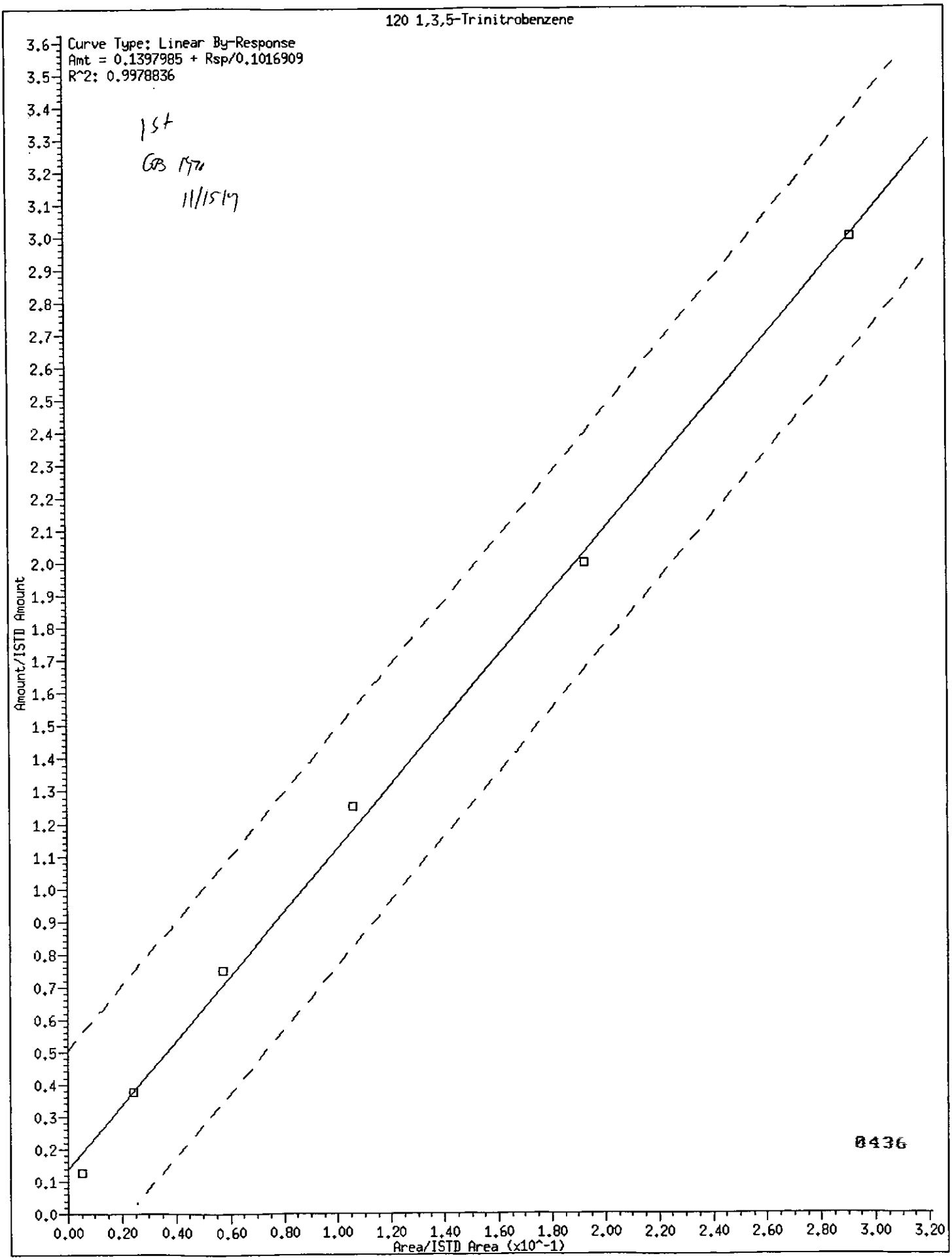

71 Hexachlorocyclopentadiene
Curve Type: Linear By-Response
Amt = 0.0968796 + Rsp/0.3236551
R^2: 0.9991705
1st
CB 11/17
11/15/17
Amount/ISTD Amount
Area/ISTD Area
0431

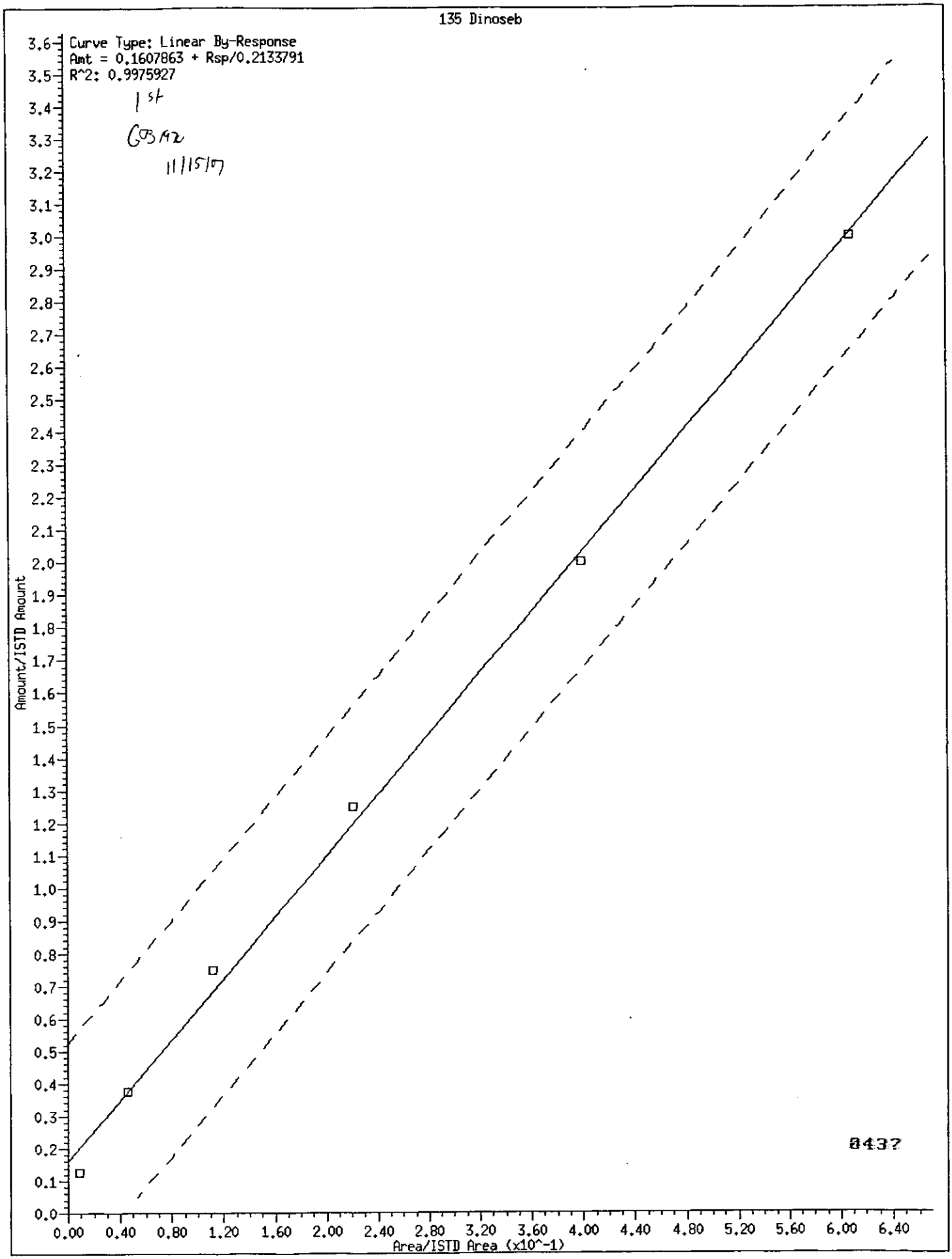

90 1,4-Dinitrobenzene
Curve Type: Linear By-Response
Amt = 0.0661854 + Rsp/0.2355528
R^2: 0.9991127
1st
GB 1/20
11/15/17
Amount/ISTD Amount
Area/ISTD Area (x10^-1)
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
1.1
1.2
1.3
1.4
1.5
1.6
1.7
1.8
1.9
2.0
2.1
2.2
2.3
2.4
2.5
2.6
2.7
2.8
2.9
3.0
3.1
3.2
3.3
3.4
3.5
0.00
0.40
0.80
1.20
1.60
2.00
2.40
2.80
3.20
3.60
4.00
4.40
4.80
5.20
5.60
6.00
6.40
6.80
7.20
8432

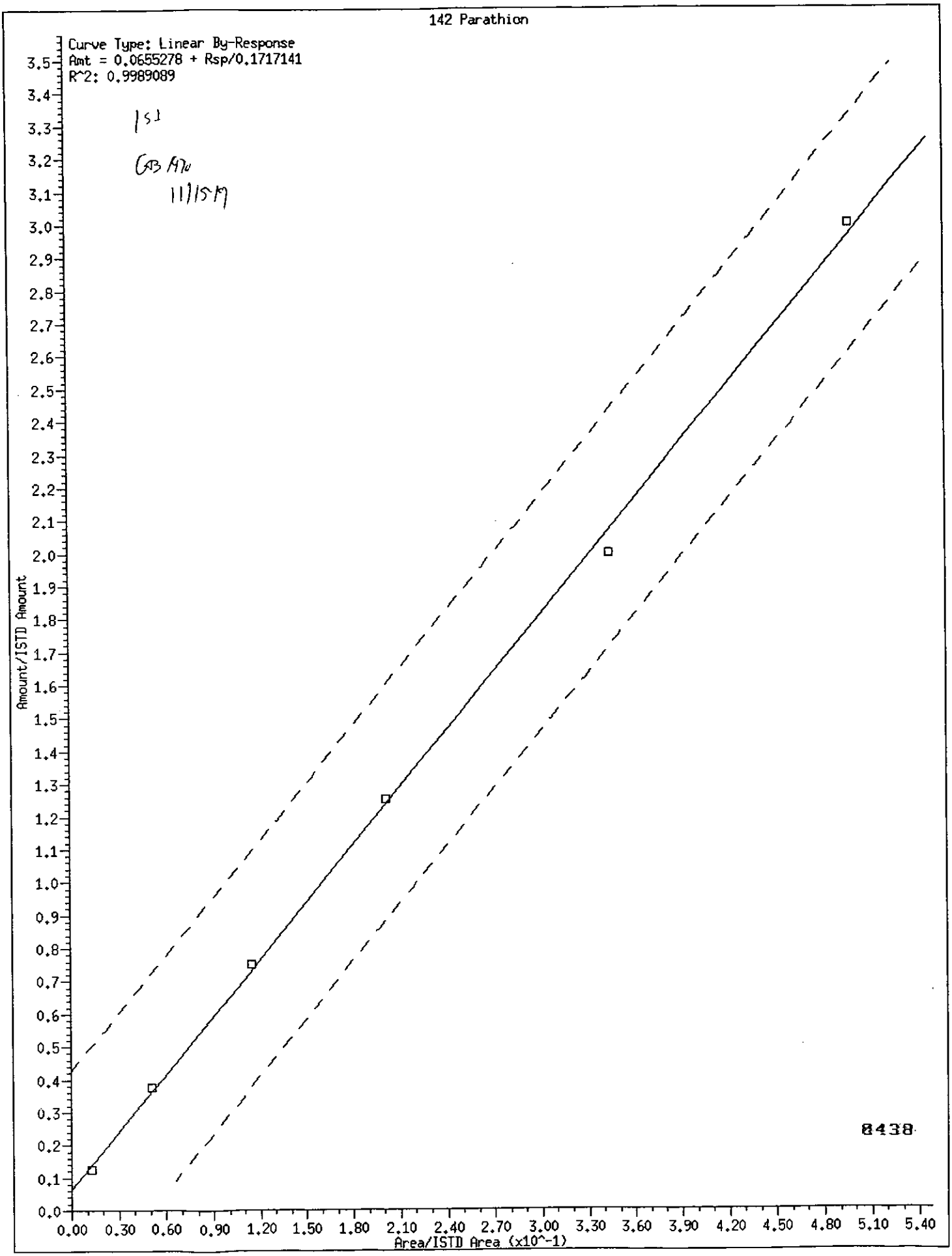

99 2,4-Dinitrophenol
Curve Type: Linear By-Response
Amt = 0.2581782 + Rsp/0.2345762
R^2: 0.9988766
1st
GCMS
11/15/07
Amount/ISTD Amount
Area/ISTD Area (x10^-1)
0433

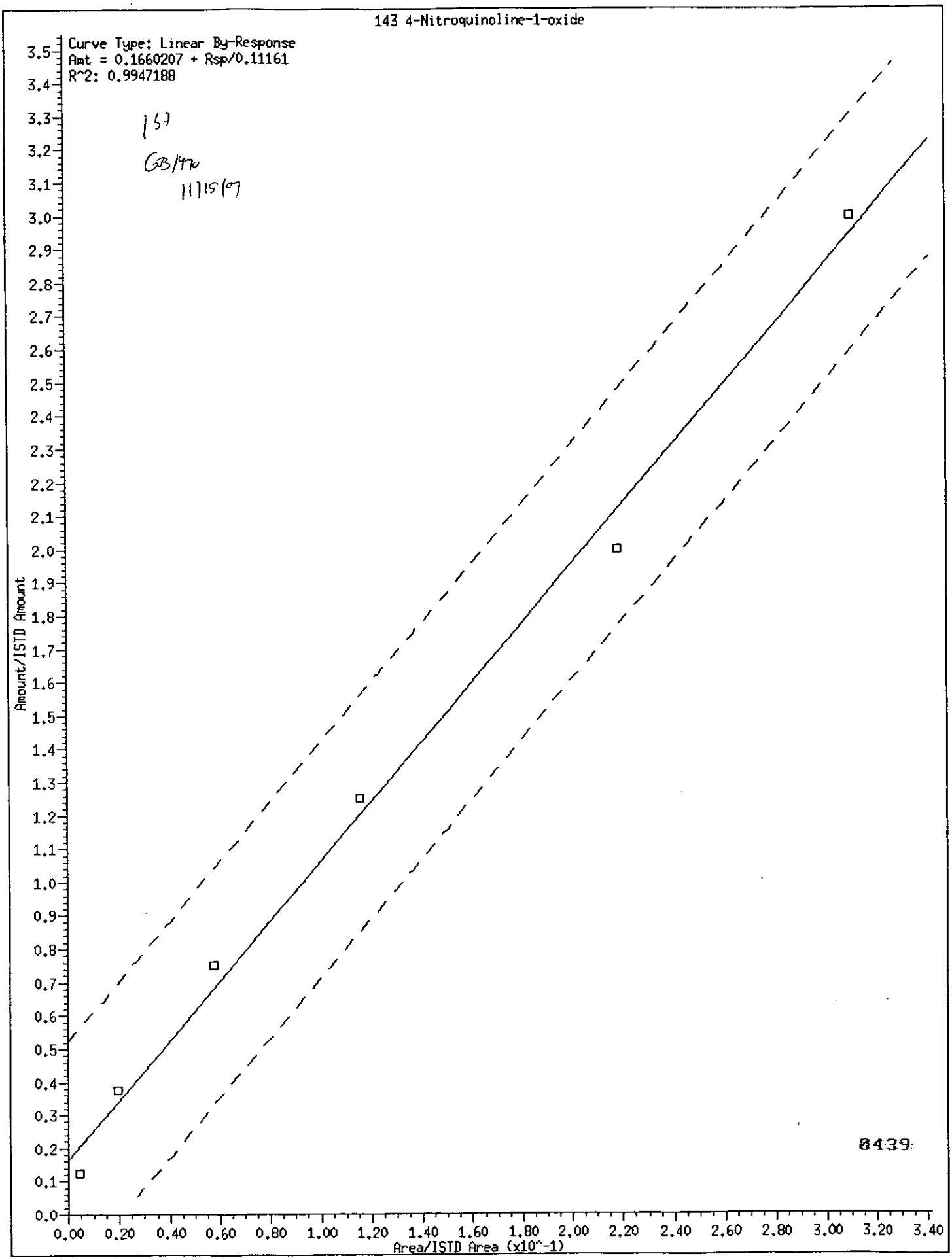

102 4-Nitrophenol
Curve Type: Linear By-Response
Amt = 0.1088675 + Rsp/0.2989459
R^2: 0.9990928
1s7
GCB/197
11/15/19
0434
Amount/ISTD Amount
Area/ISTD Area (x10^-1)
0.0 0.1 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9 1.0 1.1 1.2 1.3 1.4 1.5 1.6 1.7 1.8 1.9 2.0 2.1 2.2 2.3 2.4 2.5 2.6 2.7 2.8 2.9 3.0 3.1 3.2 3.3 3.4 3.5 3.6
0.00 0.50 1.00 1.50 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 6.00 6.50 7.00 7.50 8.00 8.50 9.00

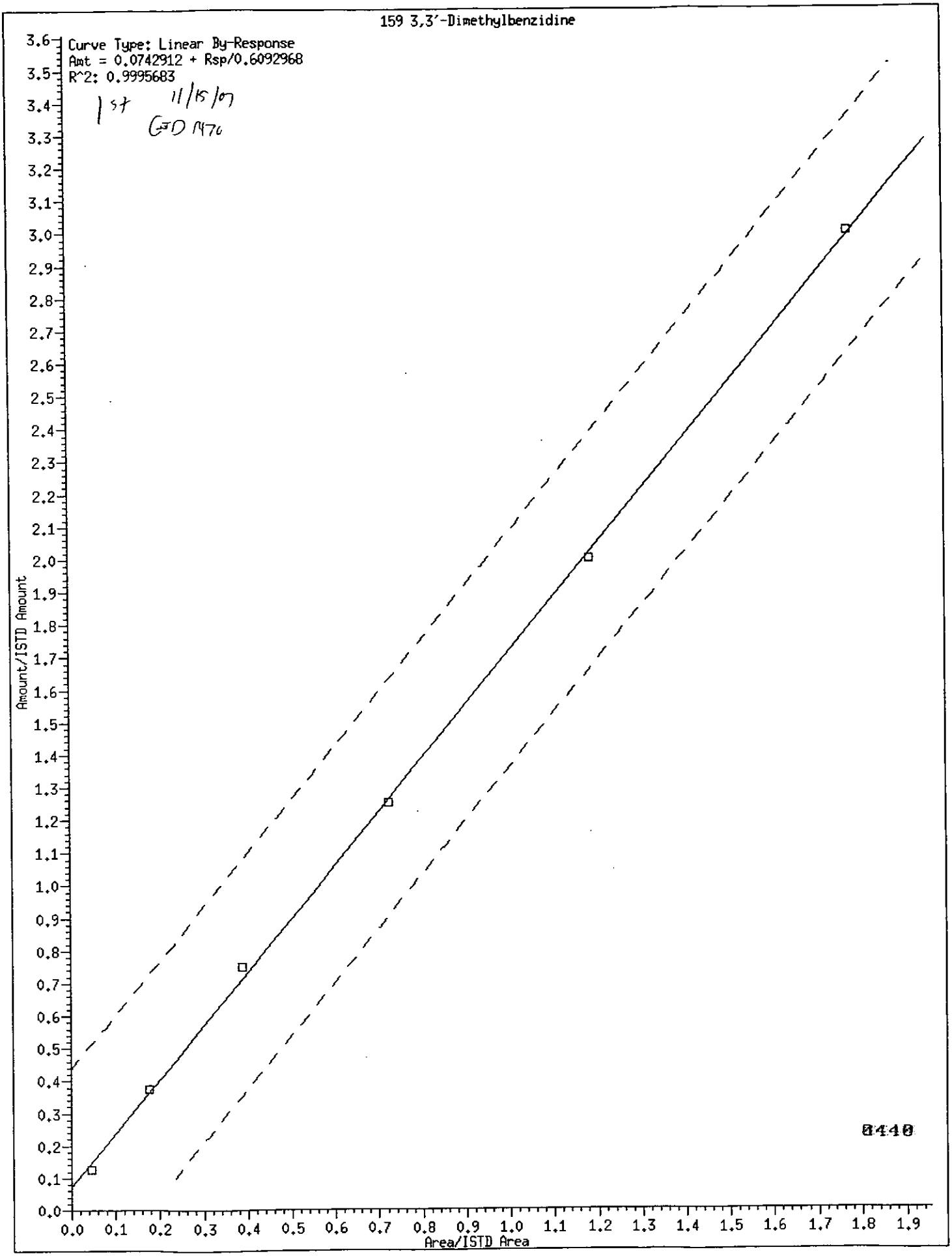

114 4,6-Dinitro-2-methylphenol
Curve Type: Linear By-Response
Amt = 0.1219084 + Rsp/0.148033
R^2: 0.9988413
1st GB 1470
11/15/07
Amount/ISTD Amount
Area/ISTD Area (x10^-1)
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
1.1
1.2
1.3
1.4
1.5
1.6
1.7
1.8
1.9
2.0
2.1
2.2
2.3
2.4
2.5
2.6
2.7
2.8
2.9
3.0
3.1
3.2
3.3
3.4
3.5
0.00
0.30
0.60
0.90
1.20
1.50
1.80
2.10
2.40
2.70
3.00
3.30
3.60
3.90
4.20
4.50
8435

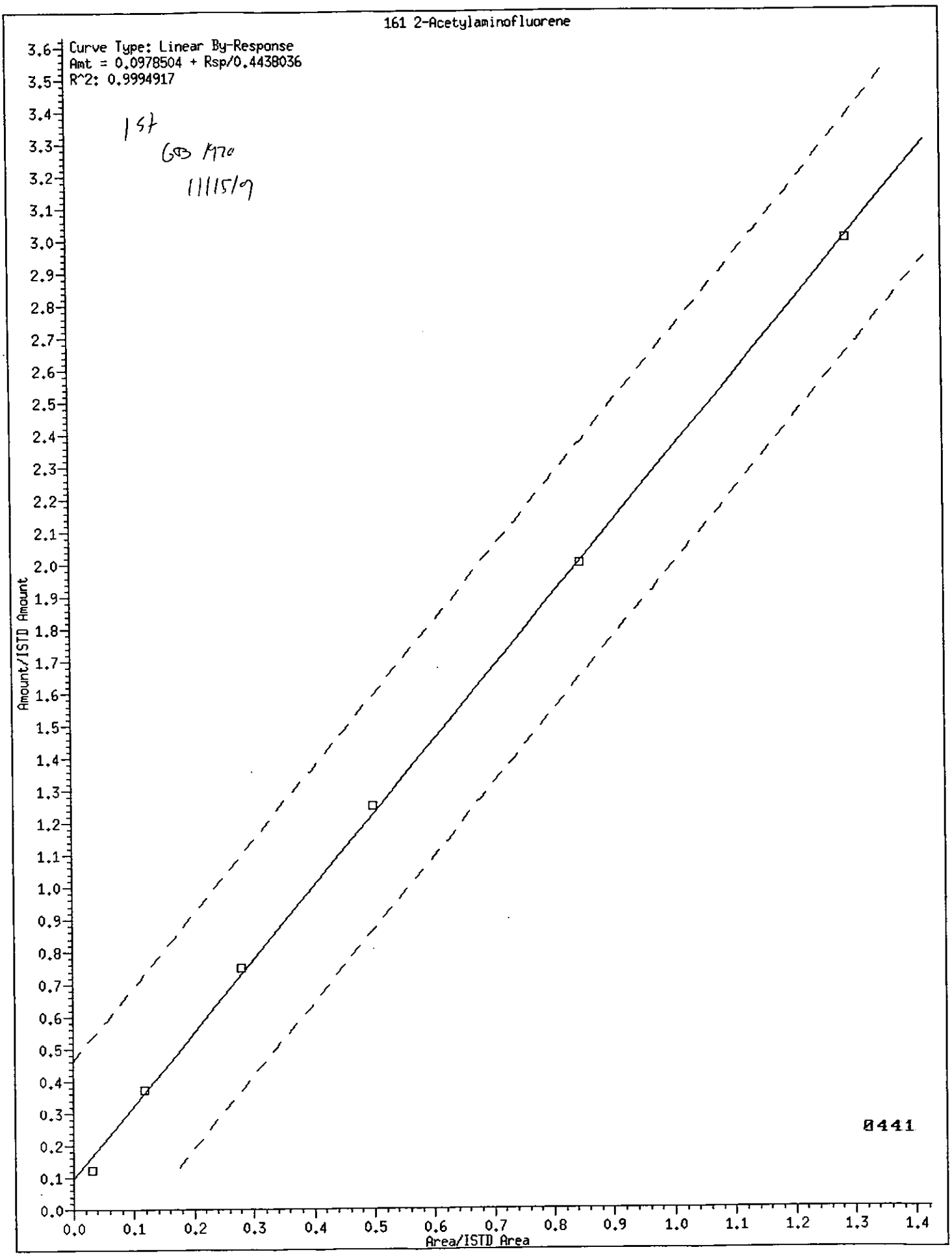

120 1,3,5-Trinitrobenzene
Curve Type: Linear By-Response
Amt = 0.1397985 + Rsp/0.1016909
R^2: 0.9978836
1st
GB 1570
11/15/17
0436
Amount/ISTD Amount
Area/ISTD Area (x10^-1)
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
1.1
1.2
1.3
1.4
1.5
1.6
1.7
1.8
1.9
2.0
2.1
2.2
2.3
2.4
2.5
2.6
2.7
2.8
2.9
3.0
3.1
3.2
3.3
3.4
3.5
3.6
0.00
0.20
0.40
0.60
0.80
1.00
1.20
1.40
1.60
1.80
2.00
2.20
2.40
2.60
2.80
3.00
3.20

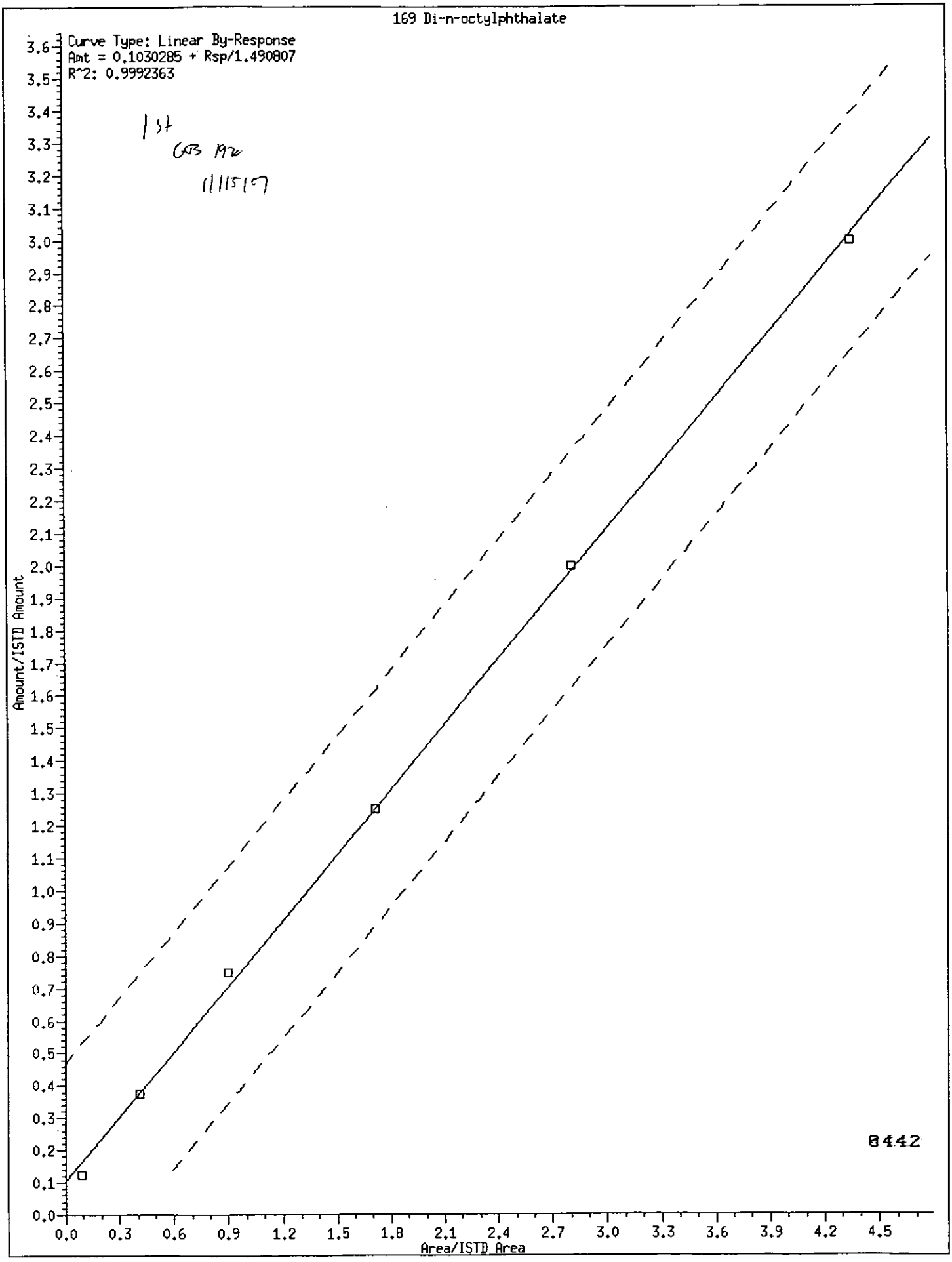

135 Dinoseb
Curve Type: Linear By-Response
Amt = 0.1607863 + Rsp/0.2133791
R^2: 0.9975927
1st
GCMS2
11/15/17
Amount/ISTD Amount
Area/ISTD Area (x10^-1)
0437

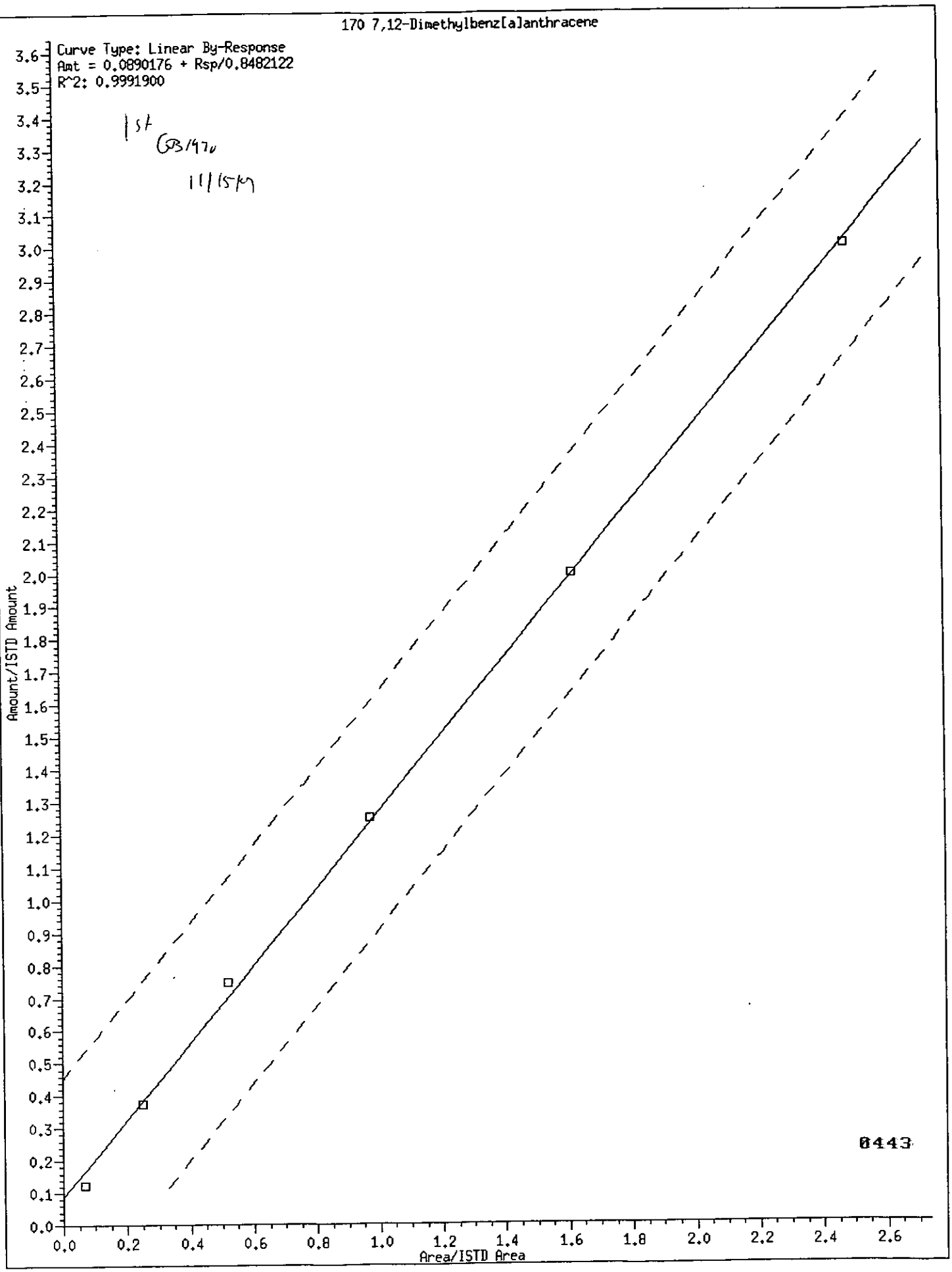

142 Parathion
Curve Type: Linear By-Response
Amt = 0.0655278 + Rsp/0.1717141
R^2: 0.9989089
1st
GB AM
11/15/17
8438
Amount/ISTD Amount
Area/ISTD Area (x10^-1)
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
1.1
1.2
1.3
1.4
1.5
1.6
1.7
1.8
1.9
2.0
2.1
2.2
2.3
2.4
2.5
2.6
2.7
2.8
2.9
3.0
3.1
3.2
3.3
3.4
3.5
0.00
0.30
0.60
0.90
1.20
1.50
1.80
2.10
2.40
2.70
3.00
3.30
3.60
3.90
4.20
4.50
4.80
5.10
5.40

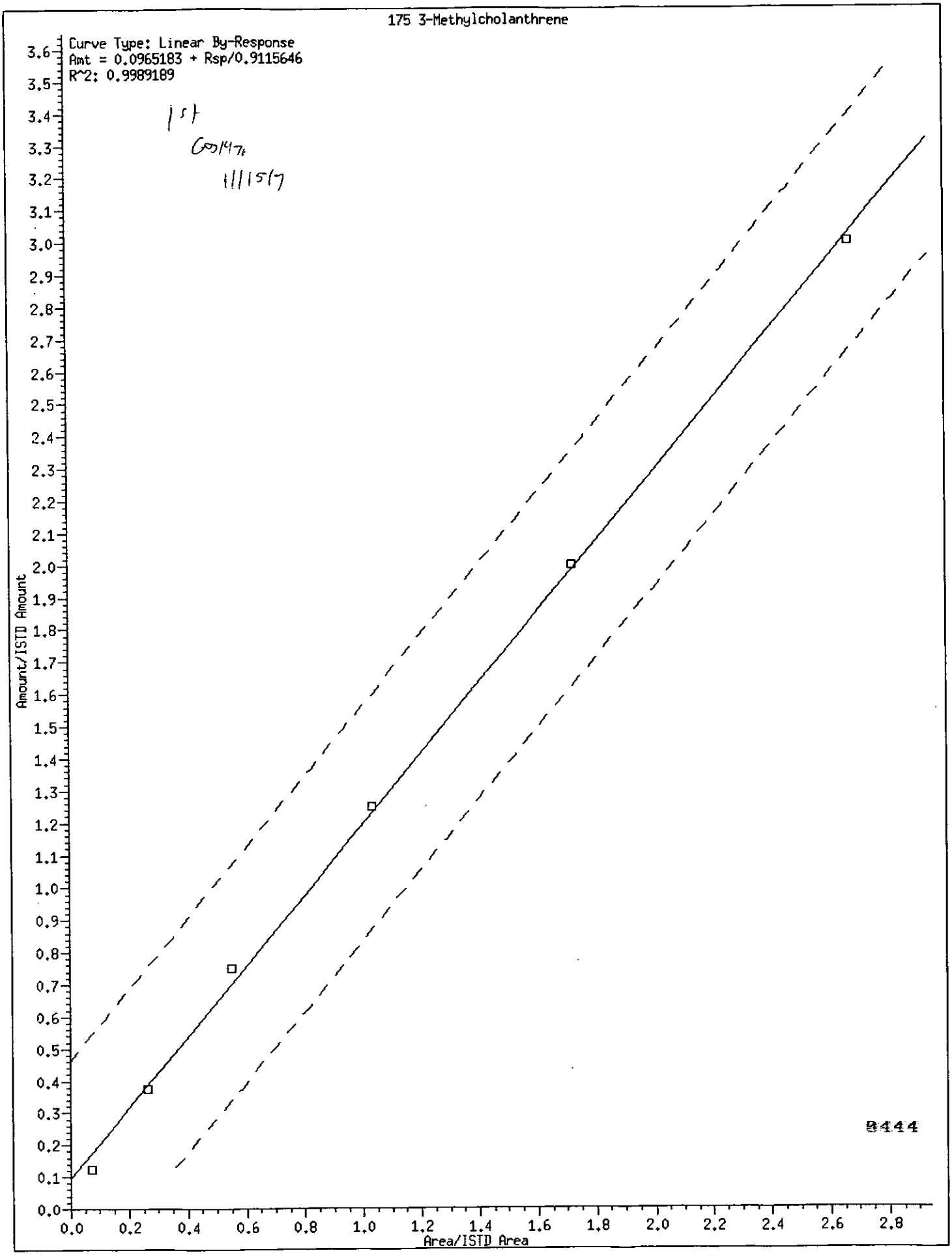

143 4-Nitroquinoline-1-oxide
Curve Type: Linear By-Response
Amt = 0.1660207 + Rsp/0.11161
R^2: 0.9947188
157
GCB/MW
11/15/07
Amount/ISTD Amount
Area/ISTD Area (x10^-1)
0439


159 3,3'-Dimethylbenzidine
Curve Type: Linear By-Response
Amt = 0.0742912 + Rsp/0.6092968
R^2: 0.9995683
1st 11/15/07
GCD 1476
Amount/ISTD Amount
Area/ISTD Area
0.0 0.1 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9 1.0 1.1 1.2 1.3 1.4 1.5 1.6 1.7 1.8 1.9
0.0 0.1 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9 1.0 1.1 1.2 1.3 1.4 1.5 1.6 1.7 1.8 1.9 2.0 2.1 2.2 2.3 2.4 2.5 2.6 2.7 2.8 2.9 3.0 3.1 3.2 3.3 3.4 3.5 3.6
8440


161 2-Acetylaminofluorene
Curve Type: Linear By-Response
Amt = 0.0978504 + Rsp/0.4438036
R^2: 0.9994917
1st
GB MTO
11/15/07
Amount/ISTD Amount
Area/ISTD Area
0441


169 Di-n-octylphthalate
Curve Type: Linear By-Response
Amt = 0.1030285 + Rsp/1.490807
R^2: 0.9992363
1st
GCB MW
11/15/17
Amount/ISTD Amount
Area/ISTD Area
0.0 0.3 0.6 0.9 1.2 1.5 1.8 2.1 2.4 2.7 3.0 3.3 3.6 3.9 4.2 4.5
0.0 0.1 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9 1.0 1.1 1.2 1.3 1.4 1.5 1.6 1.7 1.8 1.9 2.0 2.1 2.2 2.3 2.4 2.5 2.6 2.7 2.8 2.9 3.0 3.1 3.2 3.3 3.4 3.5 3.6
8442


170 7,12-Dimethylbenz[a]anthracene
Curve Type: Linear By-Response
Amt = 0.0890176 + Rsp/0.8482122
R^2: 0.9991900
1st
GB/97
11/15/97
Amount/ISTD Amount
Area/ISTD Area
0443


175 3-Methylcholanthrene
Curve Type: Linear By-Response
Amt = 0.0965183 + Rsp/0.9115646
R^2: 0.9989189
1st
Conc
11/15/17
Amount/ISTD Amount
Area/ISTD Area
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
1.1
1.2
1.3
1.4
1.5
1.6
1.7
1.8
1.9
2.0
2.1
2.2
2.3
2.4
2.5
2.6
2.7
2.8
2.9
3.0
3.1
3.2
3.3
3.4
3.5
3.6
0.0
0.2
0.4
0.6
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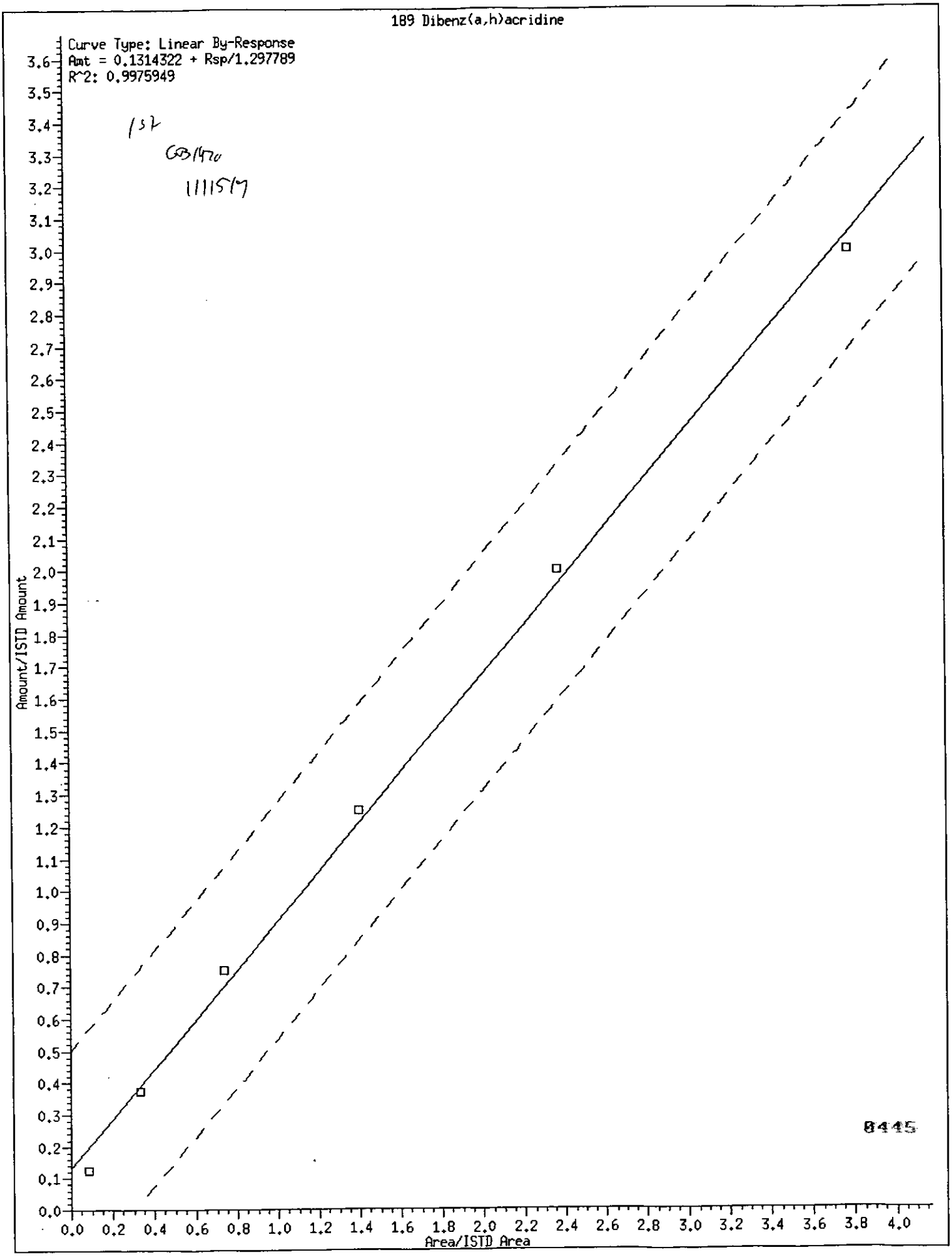
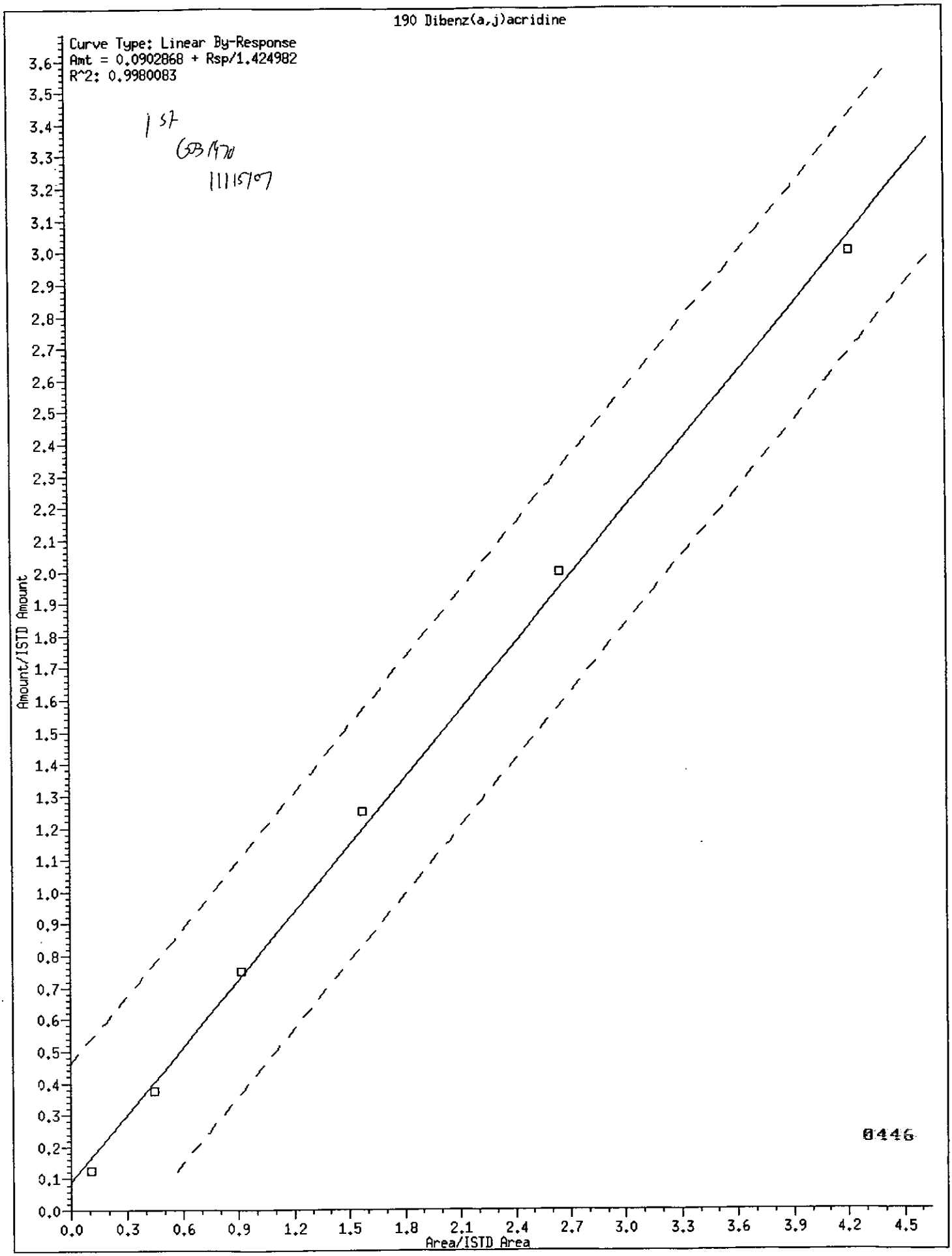
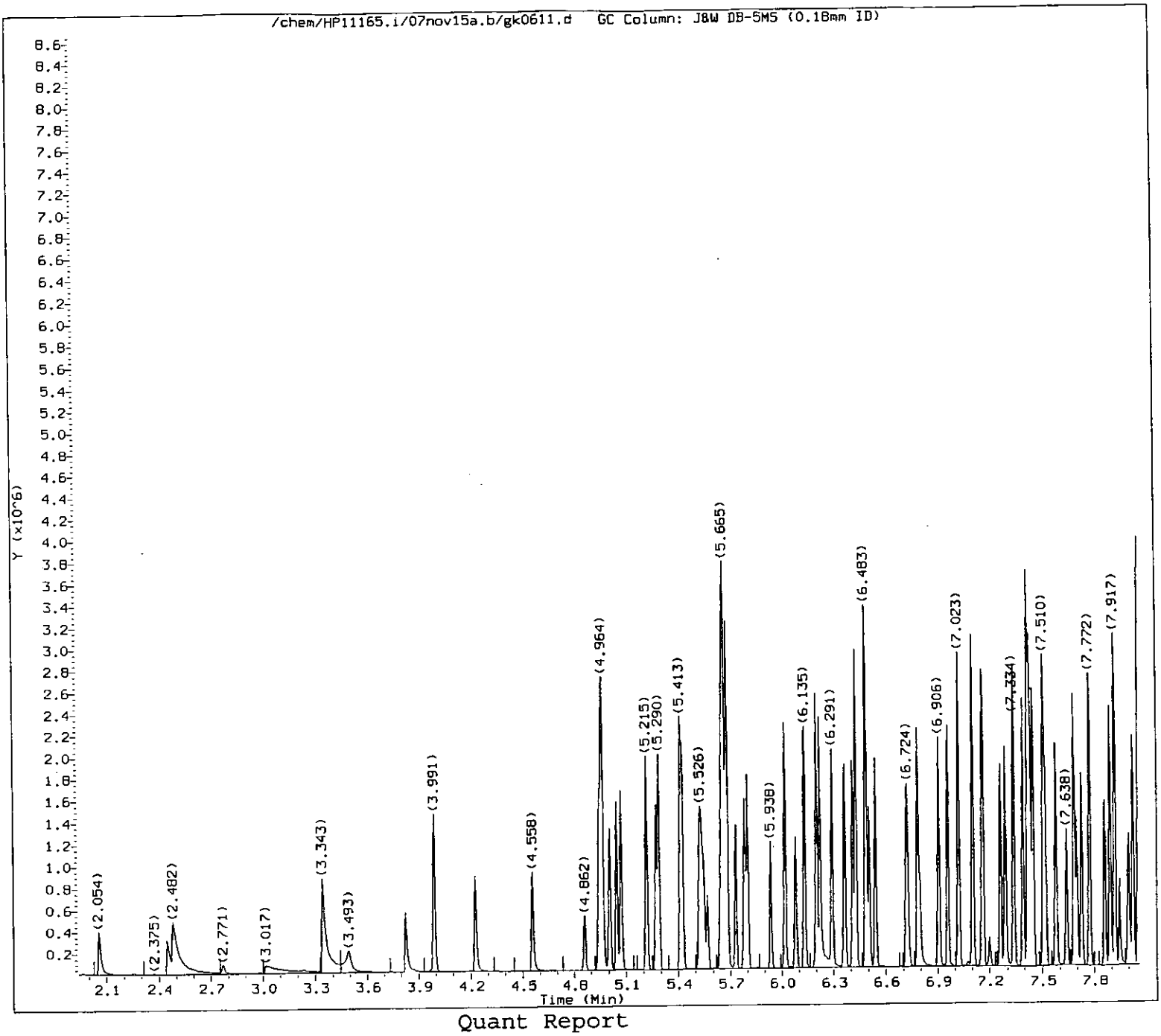
2.8
8444


189 Dibenz(a,h)acridine
Curve Type: Linear By-Response
Amt = 0.1314322 + Rsp/1.297789
R^2: 0.9975949
1st
GB1470
111517
Amount/ISTD Amount
Area/ISTD Area
8445


190 Dibenz(a,j)acridine
Curve Type: Linear By-Response
Amt = 0.0902868 + Rsp/1.424982
R^2: 0.9980083
1st
GB 1/9/07
11/15/07
Amount/ISTD Amount
Area/ISTD Area
0.0 0.3 0.6 0.9 1.2 1.5 1.8 2.1 2.4 2.7 3.0 3.3 3.6 3.9 4.2 4.5
0.0 0.1 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9 1.0 1.1 1.2 1.3 1.4 1.5 1.6 1.7 1.8 1.9 2.0 2.1 2.2 2.3 2.4 2.5 2.6 2.7 2.8 2.9 3.0 3.1 3.2 3.3 3.4 3.5 3.6
0446



Quant Report

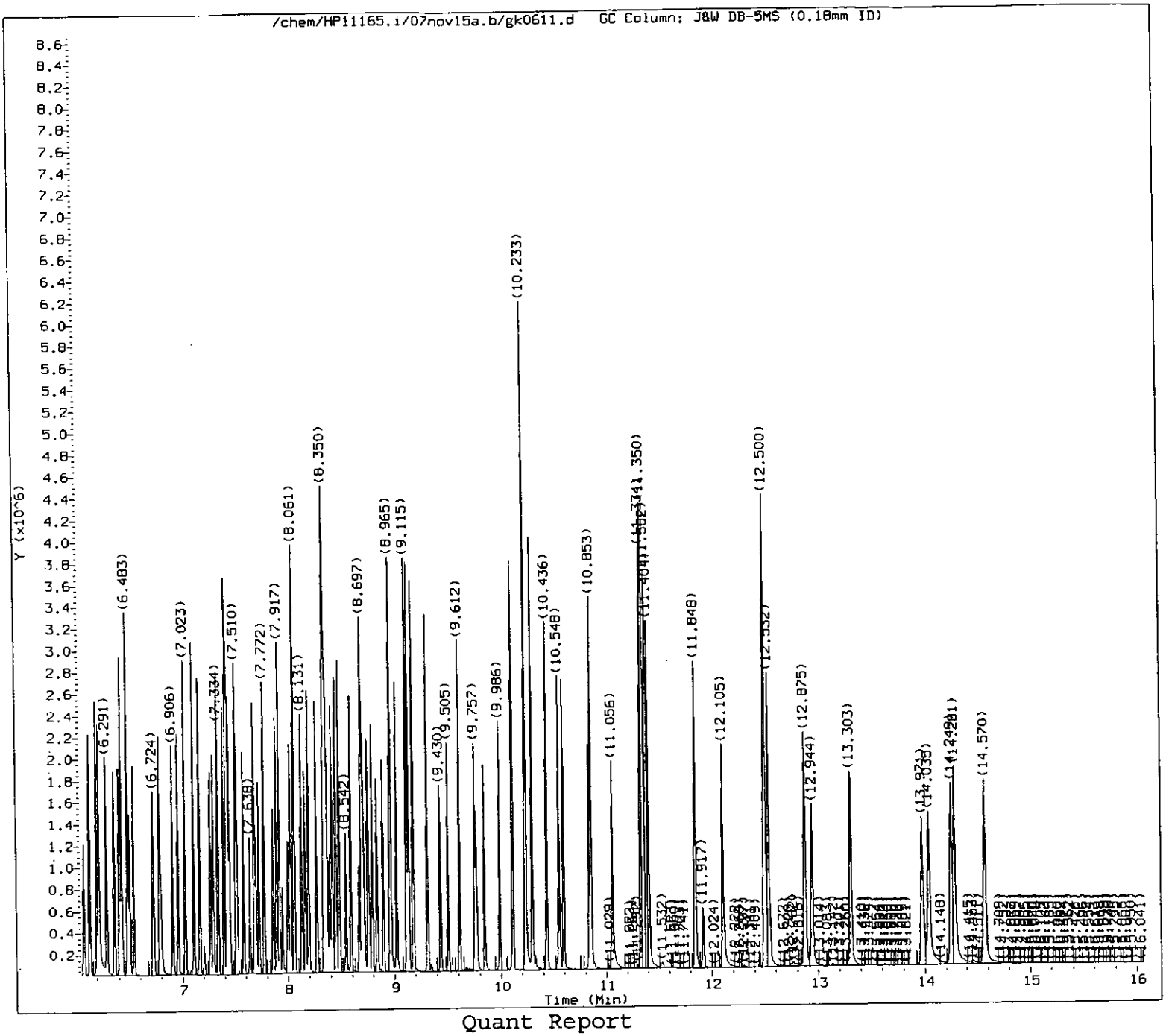
Target Revision 3.5

Data File: /chem/HP11165.i/07nov15a.b/gk0611.d Instrument ID: HP11165.i
Injection date and time: 15-NOV-2007 16:55 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07nov15a.b/minti.m Sublist used: all1
Calibration date and time: 15-NOV-2007 17:20
Date, time and analyst ID of latest file update: 15-Nov-2007 17:20 gjd01970

Sample Name: SSTD050 Lab Sample ID: STD3107

8447
11/15/07



Quant Report

Target Revision 3.5

Data File: /chem/HP11165.i/07nov15a.b/gk0611.d
Injection date and time: 15-NOV-2007 16:55

Instrument ID: HP11165.i
Analyst ID: gjd01970

Method used: /chem/HP11165.i/07nov15a.b/minti.m
Calibration date and time: 15-NOV-2007 17:20

Sublist used: all1

Date, time and analyst ID of latest file update: 15-Nov-2007 17:20 gjd01970

Sample Name: SSTD050

Lab Sample ID: STD3107

11/15/07

Quant Report

Target Revision 3.5

Data File: /chem/HP11165.i/07nov15a.b/gk0611.d Instrument ID: HP11165.i
Injection date and time: 15-NOV-2007 16:55 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07nov15a.b/minti.m Sublist used: all1
Calibration date and time: 15-NOV-2007 17:20
Date, time and analyst ID of latest file update: 15-Nov-2007 17:20 gjd01970

Sample Name: SSTD050 Lab Sample ID: STD3107

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
1) 1,4-Dioxane	(1)	2.054	88	179952	50.000
2) N-Nitrosodimethylamine	(1)	2.445	74	235853	50.000
3) Pyridine	(1)	2.482	79	434568	50.000
5) 2-Picoline	(1)	3.343	93	429439	50.000
6) N-Nitrosomethylethylamine	(1)	3.493	88	214330	50.000
7) Methyl methanesulfonate	(1)	3.825	80	202025	50.000
10) N-Nitrosodiethylamine	(1)	4.226	102	208482	50.000
11) Ethyl methanesulfonate	(1)	4.558	109	183209	50.000
13) Aniline	(1)	4.964	93	688313	50.000
16) Phenol	(1)	4.959	94	580629	50.000
17) Pentachloroethane	(1)	5.007	167	108835	50.000
18) bis(2-Chloroethyl)ether	(1)	5.044	93	409771	50.000
19) 2-Chlorophenol	(1)	5.071	128	320675	50.000
20) 1,3-Dichlorobenzene	(1)	5.215	146	312878	50.000
21) 1,4-Dichlorobenzene-d4	(1)	5.274	152	160040	40.000
22) 1,4-Dichlorobenzene	(1)	5.290	146	326531	50.000
24) Benzyl alcohol	(1)	5.413	108	245893	50.000
25) 1,2-Dichlorobenzene	(1)	5.424	146	300327	50.000
26) 2-Methylphenol	(1)	5.526	108	373205	50.000
27) 2,2'-oxybis(1-Chloropropane)	(1)	5.547	45	490303	50.000
28) bis(2-Chloroisopropyl)ether	(1)	5.547	45	490303	50.000
29) N-Nitrosopyrrolidine	(1)	5.638	100	204489	50.000
30) Acetophenone	(1)	5.654	105	518972	50.000
31) N-Nitroso-di-n-propylamine	(1)	5.665	70	332321	50.000
32) N-Nitrosomorpholine	(1)	5.675	56	221497	50.000
33) 4-Methylphenol	(1)	5.665	108	415191	50.000
34) o-Toluidine	(1)	5.681	106	631827	50.000
37) Hexachloroethane	(1)	5.729	117	135605	50.000
39) Nitrobenzene	(2)	5.798	77	478824	50.000
40) N-Nitrosopiperidine	(2)	5.938	114	176159	50.000
41) Isophorone	(2)	6.018	82	813085	50.000
42) 2-Nitrophenol	(2)	6.082	139	150429	50.000
44) 2,4-Dimethylphenol	(2)	6.135	107	389697	50.000
45) O,O,O-triethylphosphorothioate	(2)	6.200	198	159087	50.000
46) bis(2-Chloroethoxy)methane	(2)	6.221	93	473737	50.000
47) Benzoic acid	(2)	6.232	105	250414	50.000
49) 2,4-Dichlorophenol	(2)	6.291	162	253975	50.000
50) 1,2,4-Trichlorobenzene	(2)	6.365	180	256853	50.000
52) Naphthalene-d8	(2)	6.408	136	632035	40.000
53) Naphthalene	(2)	6.430	128	910575	50.000
55) 4-Chloroaniline	(2)	6.483	127	360025	50.000
56) 2,6-Dichlorophenol	(2)	6.488	162	238553	50.000
57) Hexachloropropene	(2)	6.505	213	167782	50.000

M = Compound was manually integrated. A = User selected an alternate hit

Quant Report

Target Revision 3.5

Data File: /chem/HP11165.i/07nov15a.b/gk0611.d Instrument ID: HP11165.i
Injection date and time: 15-NOV-2007 16:55 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07nov15a.b/minti.m Sublist used: all1
Calibration date and time: 15-NOV-2007 17:20
Date, time and analyst ID of latest file update: 15-Nov-2007 17:20 gjd01970

Sample Name: SSTD050 Lab Sample ID: STD3107

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
59) Hexachlorobutadiene	(2)	6.542	225	155749	50.000
62) Caprolactam	(2)	6.793	113	129814	50.000
63) N-Nitrosodi-n-butylamine	(2)	6.783	84	380435	50.000
67) 4-Chloro-3-methylphenol	(2)	6.906	107	344064	50.000
68) Safrole	(2)	6.959	162	235376	50.000
69) 2-Methylnaphthalene	(2)	7.023	142	583223	50.000
70) 1-Methylnaphthalene	(2)	7.104	142	583771	50.000
71) Hexachlorocyclopentadiene	(3)	7.157	237	142892	50.000
72) 1,2,4,5-Tetrachlorobenzene	(3)	7.162	216	277753	50.000
73) cis-Isosafrole	(3)	7.200	162	24848	5.500
74) 2,4,6-Trichlorophenol	(3)	7.264	196	183205	50.000
76) 2,4,5-Trichlorophenol	(3)	7.291	196	215280	50.000
78) trans-Isosafrole	(3)	7.392	162	258019	44.500
79) Isosafrole	(3)	7.392	162	258019	50.000
80) Biphenyl	(3)	7.419	154	749714	50.000
81) Diphenyl	(3)	7.419	154	749714	50.000
82) 1,1'-Biphenyl	(3)	7.419	154	749714	50.000
83) 2-Chloronaphthalene	(3)	7.430	162	682857M	50.000
87) Diphenyl ether	(3)	7.510	170	424266	50.000
88) 2-Nitroaniline	(3)	7.521	138	197740	50.000
89) 1,4-Naphthoquinone	(3)	7.580	158	217838	50.000
90) 1,4-Dinitrobenzene	(3)	7.638	168	105429	50.000
91) Dimethylphthalate	(3)	7.681	163	636152	50.000
92) 1,3-Dinitrobenzene	(3)	7.697	168	120910	50.000
93) 2,6-Dinitrotoluene	(3)	7.724	165	147008	50.000
94) Acenaphthylene	(3)	7.772	152	878416	50.000
96) 3-Nitroaniline	(3)	7.863	138	174846	50.000
97) Acenaphthene-d10	(3)	7.890	164	382313	40.000
98) Acenaphthene	(3)	7.917	153	573523	50.000
99) 2,4-Dinitrophenol	(3)	7.949	184	86091	50.000
100) Pentachlorobenzene	(3)	8.024	250	254813	50.000
102) 4-Nitrophenol	(3)	8.002	109	132328	50.000
103) Dibenzofuran	(3)	8.061	168	852014	50.000
104) 2,4-Dinitrotoluene	(3)	8.056	165	192352	50.000
105) 1-Naphthylamine	(3)	8.131	143	579853	50.000
106) 2,3,4,6-Tetrachlorophenol	(3)	8.163	232	173512	50.000
107) 2-Naphthylamine	(3)	8.195	143	596415	50.000
108) Diethylphthalate	(3)	8.270	149	654743	50.000
109) Thionazin	(3)	8.334	107	131018	50.000
110) Fluorene	(3)	8.344	166	699262	50.000
111) 4-Chlorophenyl-phenylether	(3)	8.355	204	352291	50.000
112) 5-Nitro-o-toluidine	(3)	8.361	152	208400	50.000
113) 4-Nitroaniline	(3)	8.371	138	186359	50.000

M = Compound was manually integrated. A = User selected an alternate hit

Quant Report

Target Revision 3.5

Data File: /chem/HP11165.i/07nov15a.b/gk0611.d Instrument ID: HP11165.i
Injection date and time: 15-NOV-2007 16:55 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07nov15a.b/minti.m Sublist used: all1
Calibration date and time: 15-NOV-2007 17:20
Date, time and analyst ID of latest file update: 15-Nov-2007 17:20 gjd01970

Sample Name: SSTD050 Lab Sample ID: STD3107

	Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
114)	4,6-Dinitro-2-methylphenol	(4)	8.393	198	121359	50.000
115)	1-Nitronaphthalene	(4)	8.414	173	136445	50.000
116)	N-Nitrosodiphenylamine	(4)	8.451	169	519415	50.000
117)	1,2-Diphenylhydrazine	(4)	8.484	77	977271	50.000
119)	Tetraethyldithiopyrophosphate	(4)	8.591	97	130777	50.000
120)	1,3,5-Trinitrobenzene	(4)	8.671	213	78094	50.000
121)	Diallate (peak 1)	(4)	8.692	86	312251	37.500
122)	Phorate	(4)	8.697	75	543178	50.000
123)	Phenacetin	(4)	8.714	108	411537	50.000
124)	4-Bromophenyl-phenylether	(4)	8.756	248	202895	50.000
125)	Diallate (peak 2)	(4)	8.762	86	97300	12.500
126)	Hexachlorobenzene	(4)	8.794	284	230201	50.000
127)	Dimethoate	(4)	8.837	87	304932	50.000
128)	Diallate TRANS/CIS	(4)	23.156	86	409551	50.000
130)	Pentachlorophenol	(4)	8.960	266	141203	50.000
131)	Pentachloronitrobenzene	(4)	8.970	237	86554	50.000
132)	4-Aminobiphenyl	(4)	8.970	169	645083	50.000
133)	Pronamide	(4)	9.024	173	281896	50.000
134)	Phenanthrene-d10	(4)	9.115	188	736532	40.000
135)	Dinoseb	(4)	9.115	211	162812	50.000
136)	Phenanthrene	(4)	9.136	178	992466	50.000
137)	Anthracene	(4)	9.179	178	1006231	50.000
139)	Carbazole	(4)	9.313	167	992219	50.000
140)	Methyl parathion	(4)	9.430	109	221285	50.000
141)	Di-n-butylphthalate	(4)	9.612	149	1077325	50.000
142)	Parathion	(4)	9.757	109	148215	50.000
143)	4-Nitroquinoline-1-oxide	(4)	9.773	190	85292	50.000
144)	Methapyrilene	(4)	9.842	97	315841	50.000
145)	Isodrin	(4)	9.986	193	105587	50.000
146)	Fluoranthene	(4)	10.110	202	1207222	50.000
151)	Benzidine	(5)	10.233	184	1962215	150.000
153)	Pyrene	(5)	10.297	202	1253401	50.000
157)	p-Dimethylaminoazobenzene	(5)	10.553	225	261095	50.000
158)	Chlorobenzilate	(5)	10.591	139	331010	50.000
159)	3,3'-Dimethylbenzidine	(5)	10.832	212	586914	50.000
160)	Butylbenzylphthalate	(5)	10.853	149	512111	50.000
161)	2-Acetylaminofluorene	(5)	11.056	181	405346	50.000
163)	3,3'-Dichlorobenzidine	(5)	11.329	252	443922	50.000
164)	4,4'-Methylenebis(2-Chloroanil	(5)	11.334	231	227662	50.000
165)	Benzo(a)anthracene	(5)	11.345	228	1234713	50.000
166)	Chrysene-d12	(5)	11.356	240	809961	40.000
167)	Chrysene	(5)	11.382	228	1216905	50.000
168)	bis(2-Ethylhexyl)phthalate	(5)	11.404	149	667446	50.000

M = Compound was manually integrated. A = User selected an alternate hit

Quant Report

Target Revision 3.5

Data File: /chem/HP11165.i/07nov15a.b/gk0611.d Instrument ID: HP11165.i
Injection date and time: 15-NOV-2007 16:55 Analyst ID: gjd01970

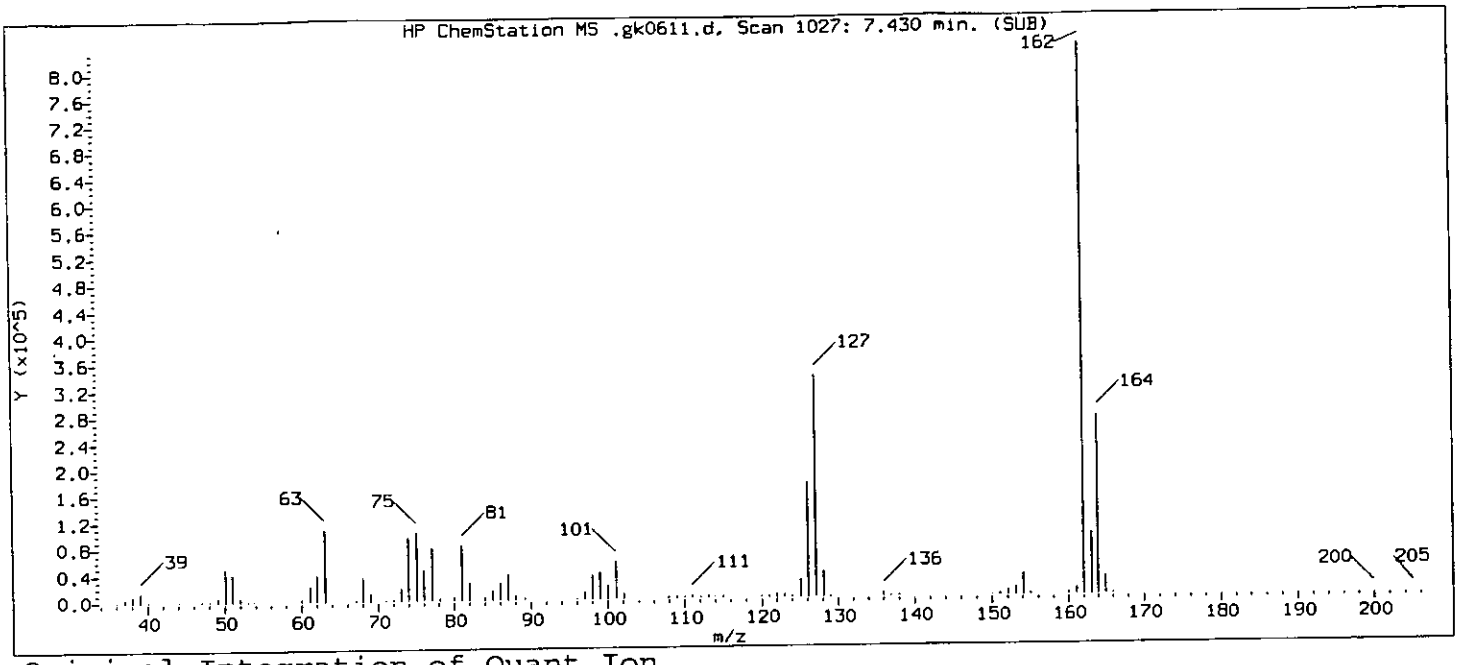
Method used: /chem/HP11165.i/07nov15a.b/minti.m Sublist used: all1
Calibration date and time: 15-NOV-2007 17:20
Date, time and analyst ID of latest file update: 15-Nov-2007 17:20 gjd01970

Sample Name: SSTD050 Lab Sample ID: STD3107

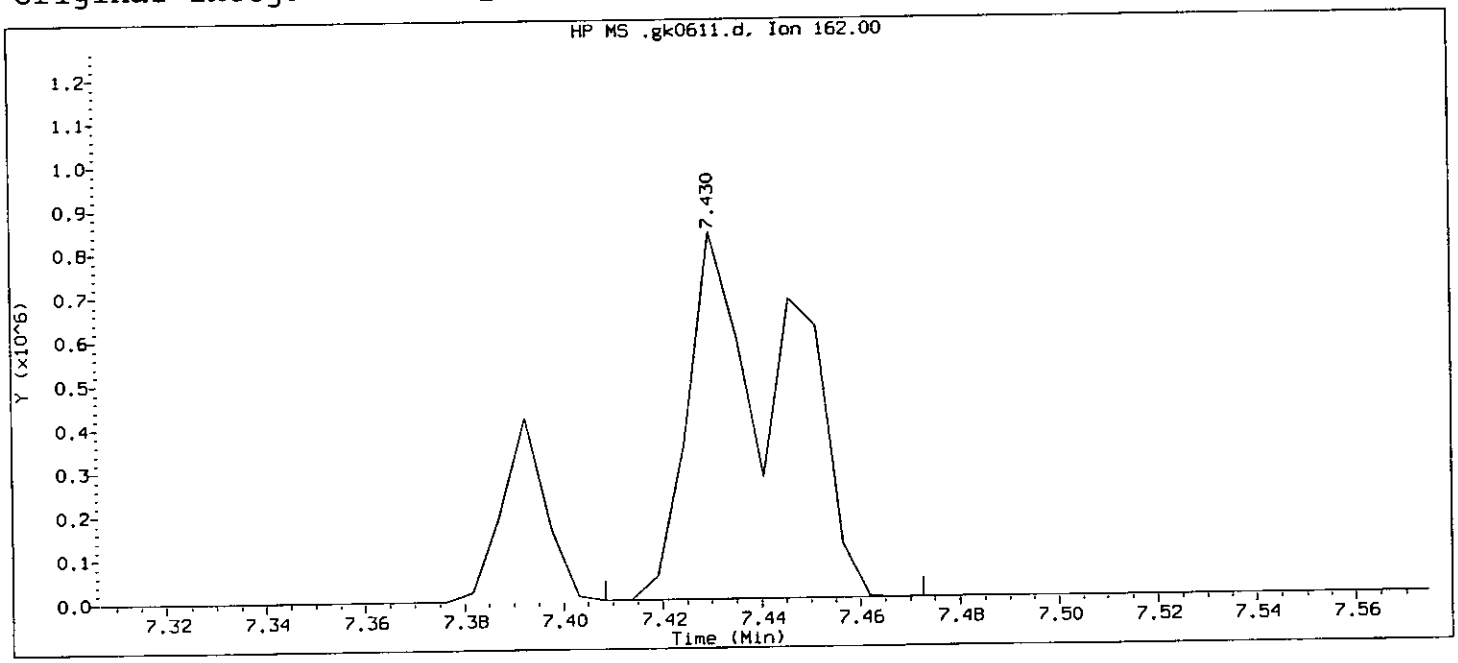
	Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
188)	6-Methylchrysene	(5)	11.848	242	822217	50.000
169)	Di-n-octylphthalate	(6)	12.105	149	1027379	50.000
189)	Dibenz(a,h)acridine	(6)	13.971	279	839861	50.000
190)	Dibenz(a,j)acridine	(6)	14.041	279	943130	50.000
170)	7,12-Dimethylbenz[a]anthracene	(6)	12.500	256	584965	50.000
171)	Benzo(b)fluoranthene	(6)	12.500	252	1222347M	50.000
194)	Ronnel	(4)	9.505	285	253466	50.000
172)	Benzo(k)fluoranthene	(6)	12.532	252	1239018M	50.000
173)	Benzo(a)pyrene	(6)	12.875	252	1100116	50.000
174)	Perylene-d12	(6)	12.944	264	600281	40.000
175)	3-Methylcholanthrene	(6)	13.303	268	619886	50.000
176)	Indeno(1,2,3-cd)pyrene	(6)	14.249	276	1284600	50.000
177)	Dibenz(a,h)anthracene	(6)	14.281	278	1058835	50.000
178)	Benzo(g,h,i)perylene	(6)	14.570	276	1104779	50.000
84)	1-Chloronaphthalene	(3)	7.446	162	550800M	50.000
9)	2-Fluorophenol	(1)	3.991	112	360259	50.000
14)	Phenol-d5	(1)	4.948	99	502434	50.000
15)	Phenol-d6	(1)	4.948	99	502434	50.000
38)	Nitrobenzene-d5	(2)	5.782	82	442764	50.000
77)	2-Fluorobiphenyl	(3)	7.339	172	649208	50.000
118)	2,4,6-Tribromophenol	(3)	8.542	330	110915	50.000
155)	Terphenyl-d14	(5)	10.436	244	909418	50.000

M = Compound was manually integrated. A = User selected an alternate hit

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP11165.i/07nov15a.b/gk0611.d Instrument ID: HP11165.i
Injection date and time: 15-NOV-2007 16:55 Analyst ID: gjd01970

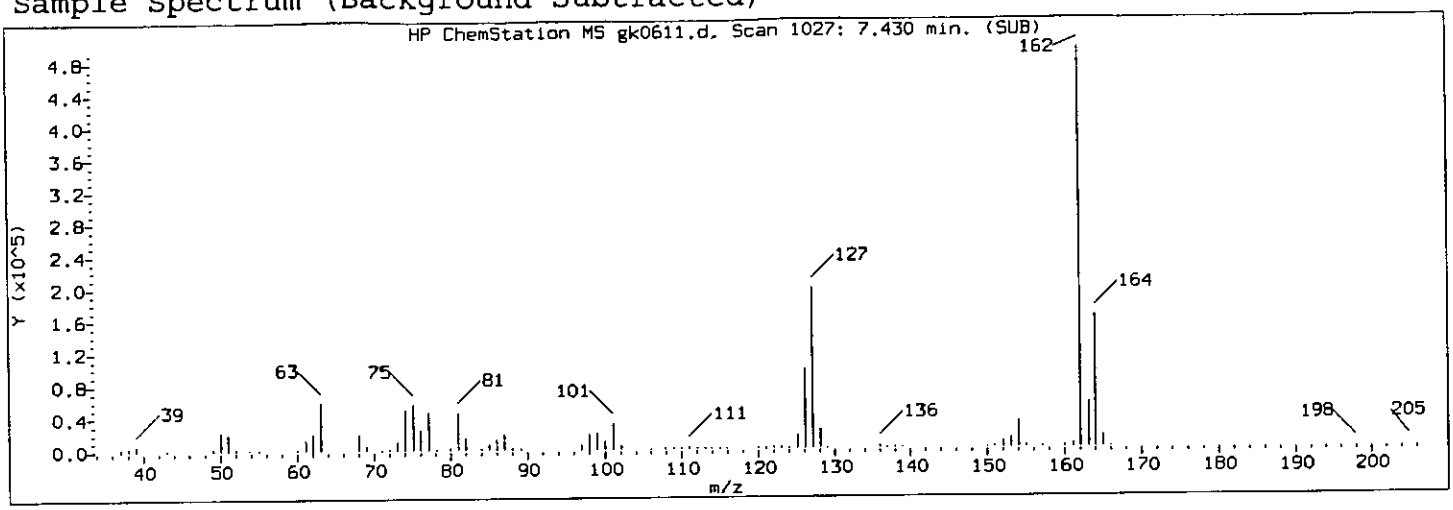
Method used: /chem/HP11165.i/07nov15a.b/minti.m Sublist used: all
Calibration date and time: 15-NOV-2007 17:17
Date, time and analyst ID of latest file update: 15-Nov-2007 17:17 gjd01970

Sample Name: SSTD050 Lab Sample ID: STD3107

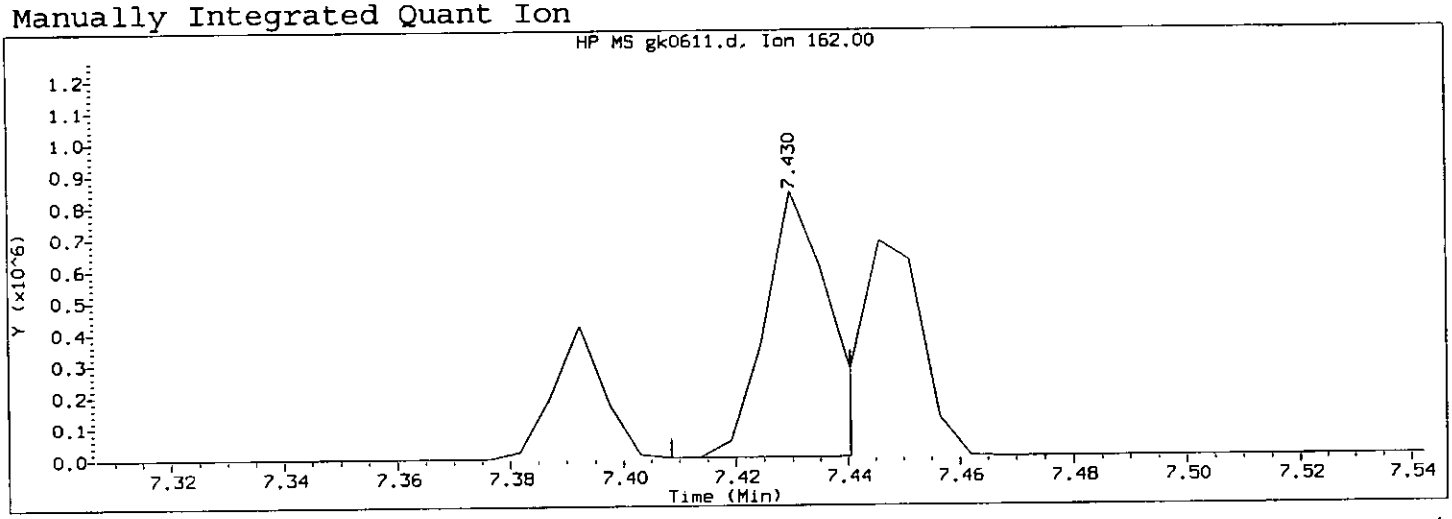
Compound Number	:	83
Compound Name	:	2-Chloronaphthalene
Scan Number	:	1027
Retention Time (minutes)	:	7.430
Quant Ion	:	162
Area	:	1143631
Concentration (ng/ul)	:	97.3847
Integration start scan	:	1022 Integration stop scan: 1034
Y at integration start	:	63 Y at integration end: 42

Original Integration Report for data file /chem/HP11165.i/07nov15a.b/gk0611.d, generated on 11/15/2007 at 17:20

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP11165.i/07nov15a.b/gk0611.d Instrument ID: HP11165.i
Injection date and time: 15-NOV-2007 16:55 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07nov15a.b/minti.m Sublist used: all1
Calibration date and time: 15-NOV-2007 17:20
Date, time and analyst ID of latest file update: 15-Nov-2007 17:20 gjd01970

Sample Name: SSTD050 Lab Sample ID: STD3107

Compound Number	: 83
Compound Name	: 2-Chloronaphthalene
Scan Number	: 1027
Retention Time (minutes)	: 7.430
Quant Ion	: 162
Area (flag)	: 682857 M
Concentration (ng/ul)	: 50.0000
Integration start scan	: 1022 Integration stop scan: 1028
Y at integration start	: 63 Y at integration end: 53

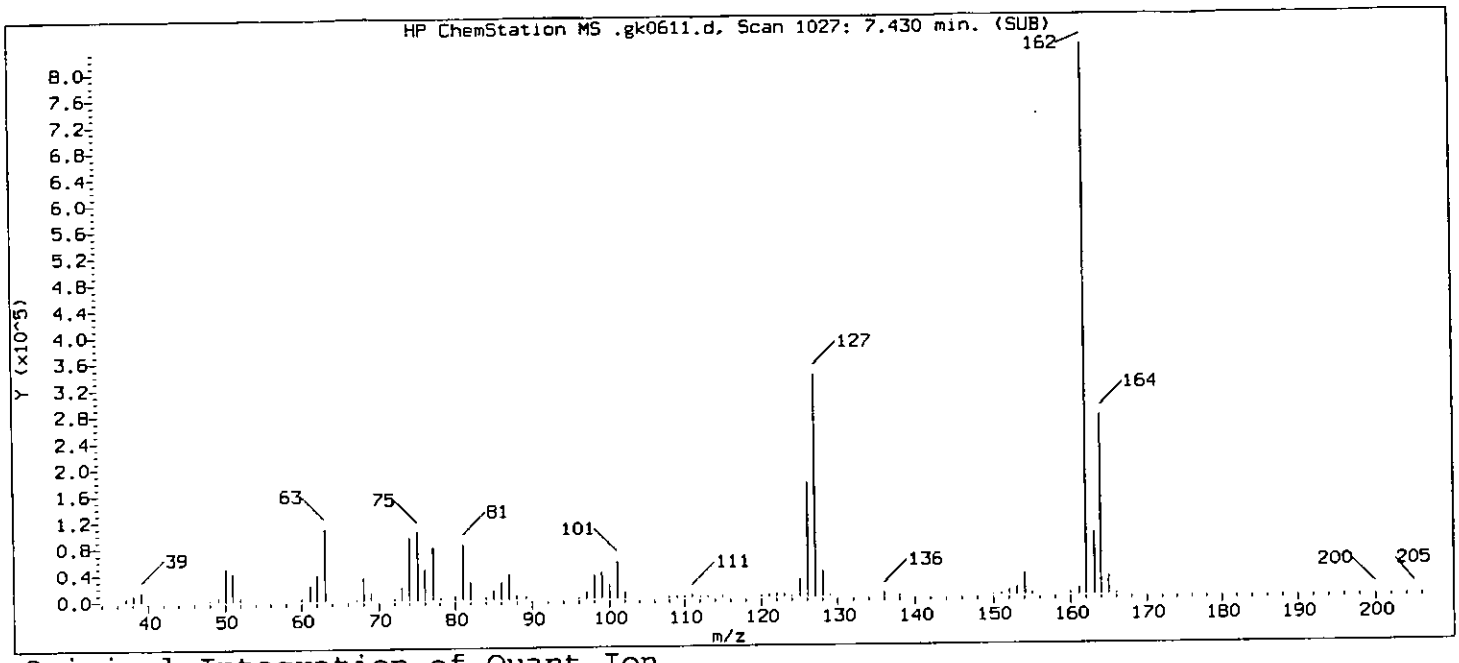
Reason for manual integration (circle one): missed peak improper integration

Analyst responsible for change: 1976 11/15/07

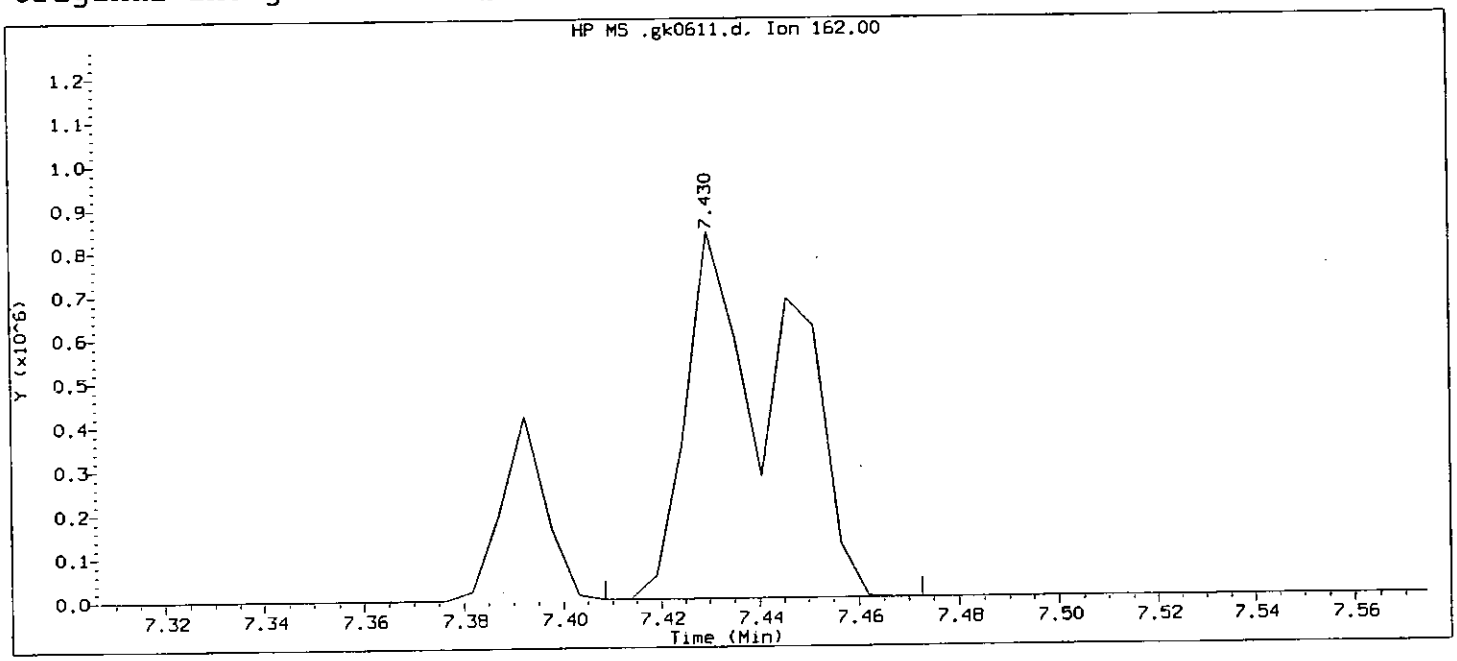
GC/MS audit/management approval: 0454 11/16/07

Manual Integration Report for data file /chem/HP11165.i/07nov15a.b/gk0611.d, generated on 11/15/2007 at 17:20

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP11165.i/07nov15a.b/gk0611.d Instrument ID: HP11165.i
Injection date and time: 15-NOV-2007 16:55 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07nov15a.b/minti.m Sublist used: all

Calibration date and time: 15-NOV-2007 17:17

Date, time and analyst ID of latest file update: 15-Nov-2007 17:17 gjd01970

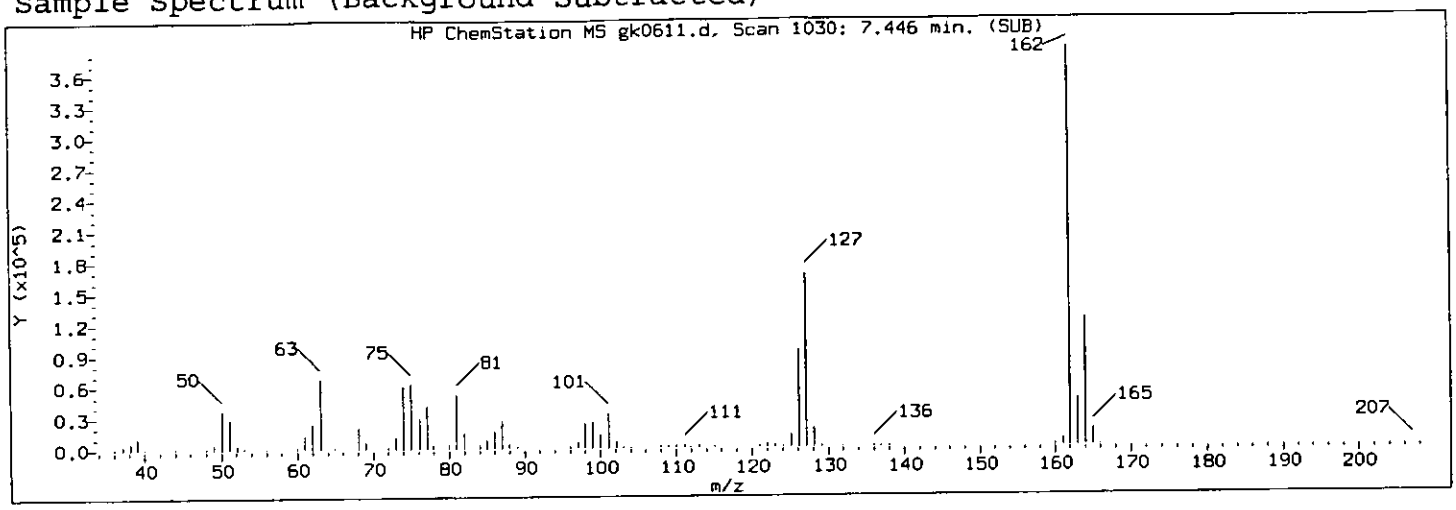
Sample Name: SSTD050 Lab Sample ID: STD3107

Compound Number	:	84
Compound Name	:	1-Chloronaphthalene
Scan Number	:	1027
Retention Time (minutes)	:	7.430
Quant Ion	:	162
Area	:	1143512
Concentration (ng/ul)	:	113.4440
Integration start scan	:	1022 Integration stop scan: 1034
Y at integration start	:	95 Y at integration end: 68

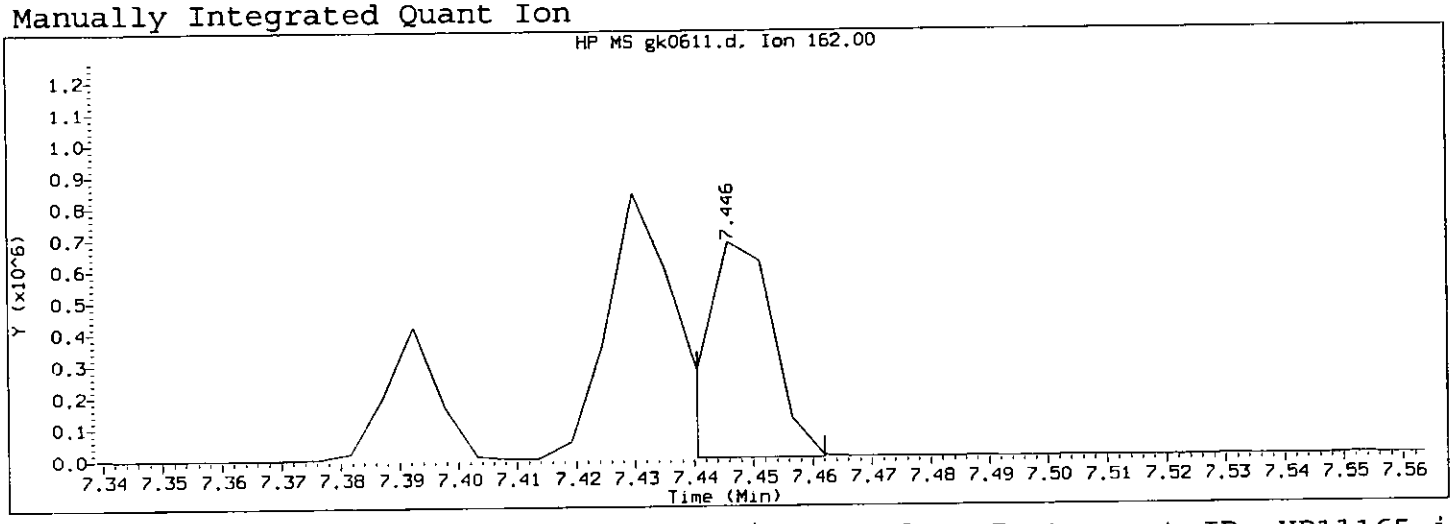
Copy
0455 11/15/07

Original Integration Report for data file /chem/HP11165.i/07nov15a.b/gk0611.d, generated on 11/15/2007 at 17:20

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP11165.i/07nov15a.b/gk0611.d Instrument ID: HP11165.i
Injection date and time: 15-NOV-2007 16:55 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07nov15a.b/minti.m Sublist used: all1
Calibration date and time: 15-NOV-2007 17:20
Date, time and analyst ID of latest file update: 15-Nov-2007 17:20 gjd01970

Sample Name: SSTD050 Lab Sample ID: STD3107

Compound Number	: 84	
Compound Name	: 1-Chloronaphthalene	
Scan Number	: 1030	
Retention Time (minutes)	: 7.446	
Quant Ion	: 162	
Area (flag)	: 550800	M
Concentration (ng/ul)	: 50.0000	
Integration start scan	: 1028	Integration stop scan: 1032
Y at integration start	: -864	Y at integration end: -864

Reason for manual integration (circle one): missed peak (improper integration)

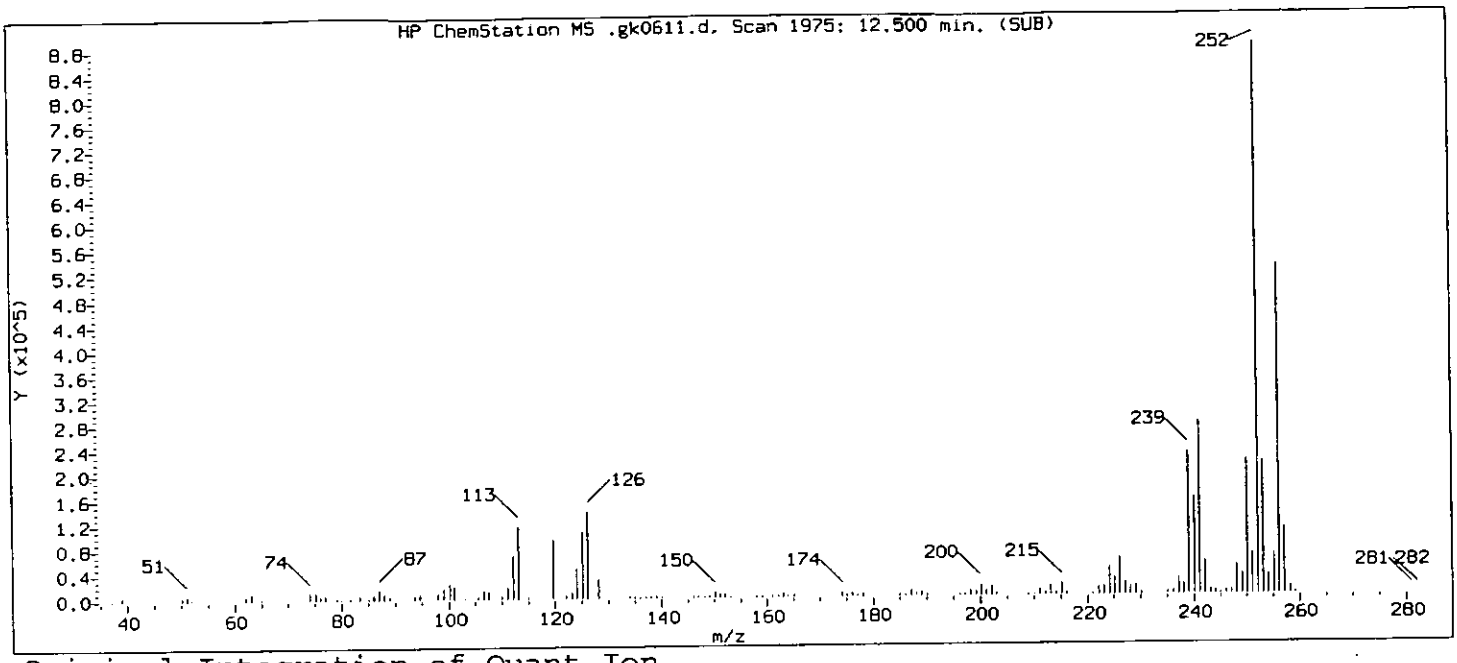
Analyst responsible for change: [signature] 11/15/07

GC/MS audit/management approval: [signature] 11/16/07

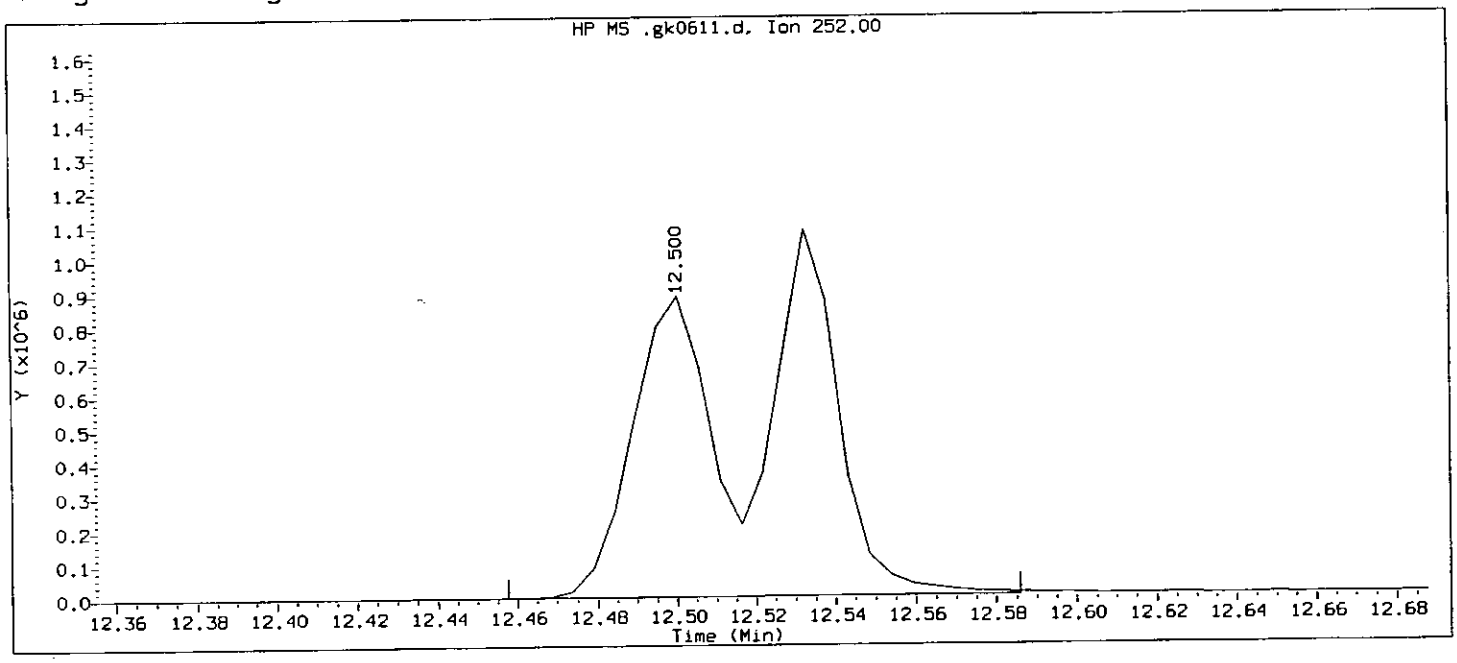
8456

Manual Integration Report for data file /chem/HP11165.i/07nov15a.b/gk0611.d, generated on 11/15/2007 at 17:20

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP11165.i/07nov15a.b/gk0611.d Instrument ID: HP11165.i
Injection date and time: 15-NOV-2007 16:55 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07nov15a.b/minti.m Sublist used: all1
Calibration date and time: 15-NOV-2007 17:17
Date, time and analyst ID of latest file update: 15-Nov-2007 17:17 gjd01970

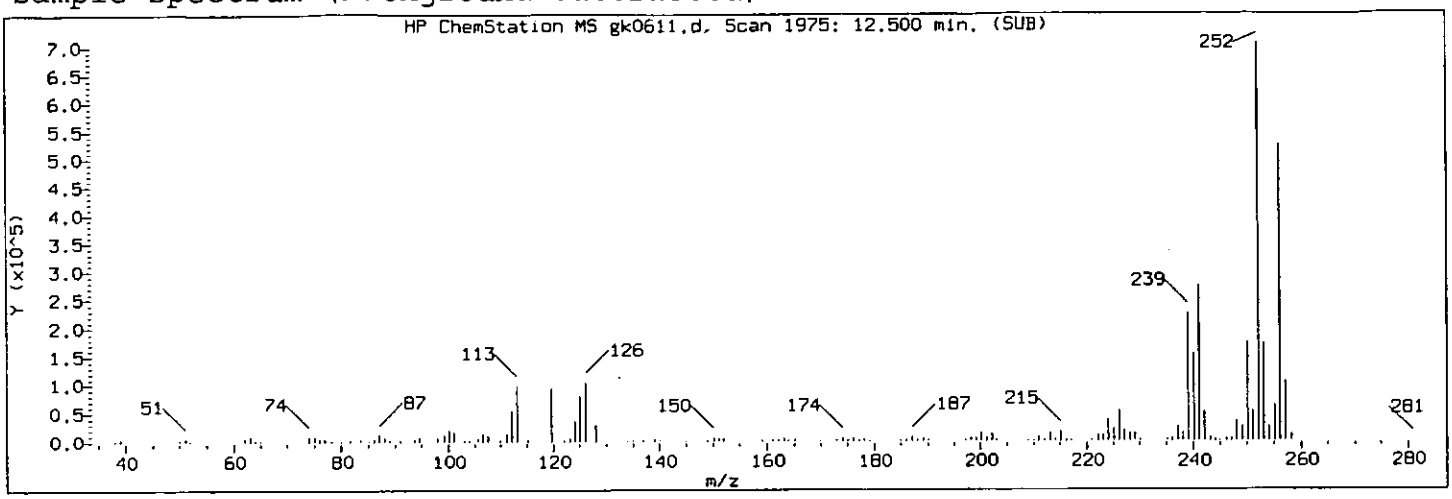
Sample Name: SSTD050 Lab Sample ID: STD3107

Compound Number	:	171
Compound Name	:	Benzo(b)fluoranthene
Scan Number	:	1975
Retention Time (minutes)	:	12.500
Quant Ion	:	252
Area	:	2408159
Concentration (ng/ul)	:	108.9055
Integration start scan	:	1966 Integration stop scan: 1990
Y at integration start	:	0 Y at integration end: 2035

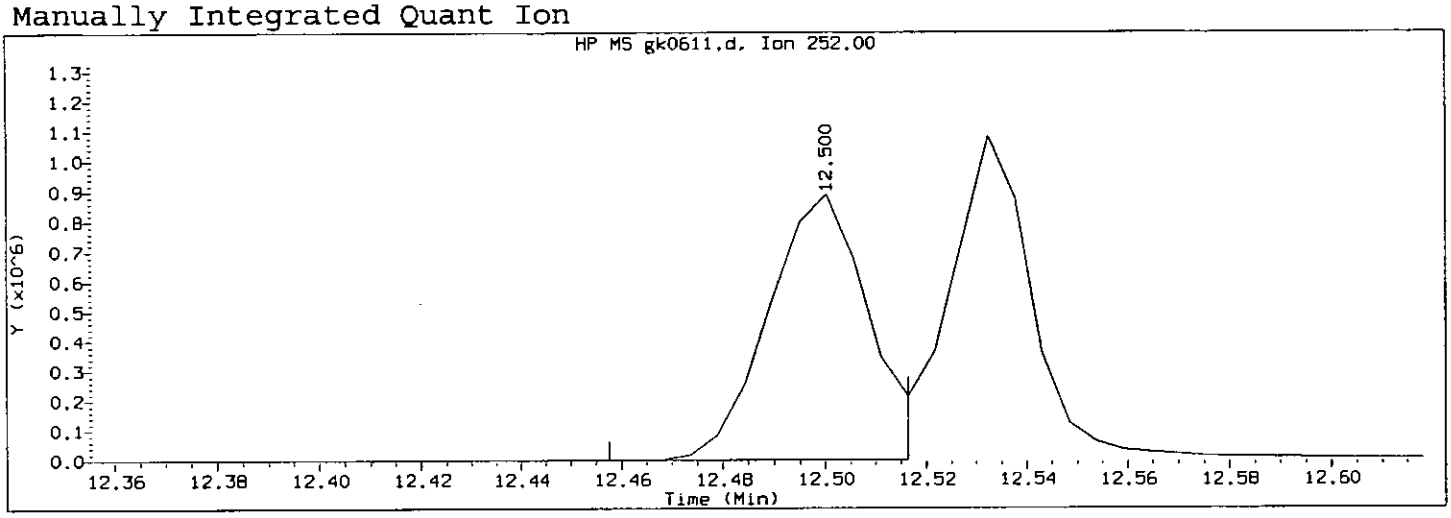
GJ 11/15/07

Original Integration Report for data file /chem/HP11165.i/07nov15a.b/gk0611.d, generated on 11/15/2007 at 17:20

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP11165.i/07nov15a.b/gk0611.d Instrument ID: HP11165.i
Injection date and time: 15-NOV-2007 16:55 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07nov15a.b/minti.m Sublist used: all1
Calibration date and time: 15-NOV-2007 17:20
Date, time and analyst ID of latest file update: 15-Nov-2007 17:20 gjd01970

Sample Name: SSTD050 Lab Sample ID: STD3107

Compound Number	:	171
Compound Name	:	Benzo(b)fluoranthene
Scan Number	:	1975
Retention Time (minutes)	:	12.500
Quant Ion	:	252
Area (flag)	:	1222347 M
Concentration (ng/ul)	:	50.0000
Integration start scan	:	1966 Integration stop scan: 1977
Y at integration start	:	0 Y at integration end: 932

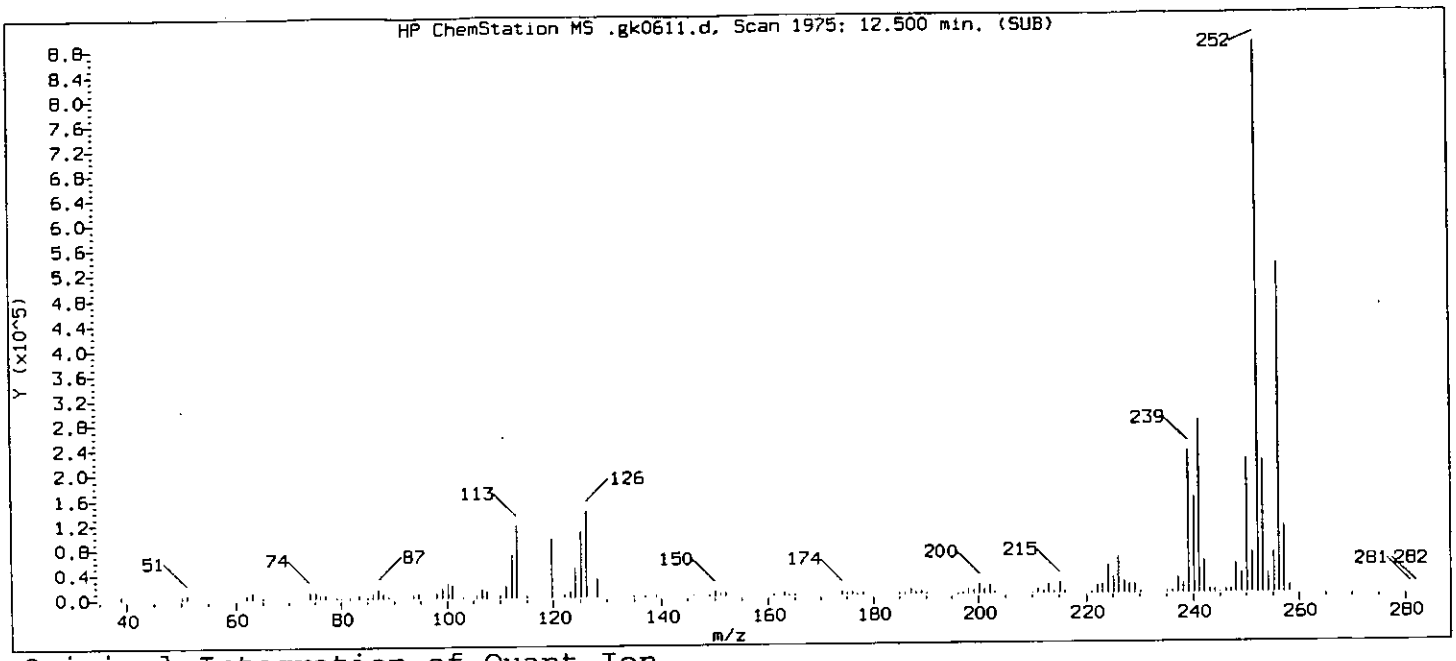
Reason for manual integration (circle one): missed peak improper integration

Analyst responsible for change: 1976 11/15/07

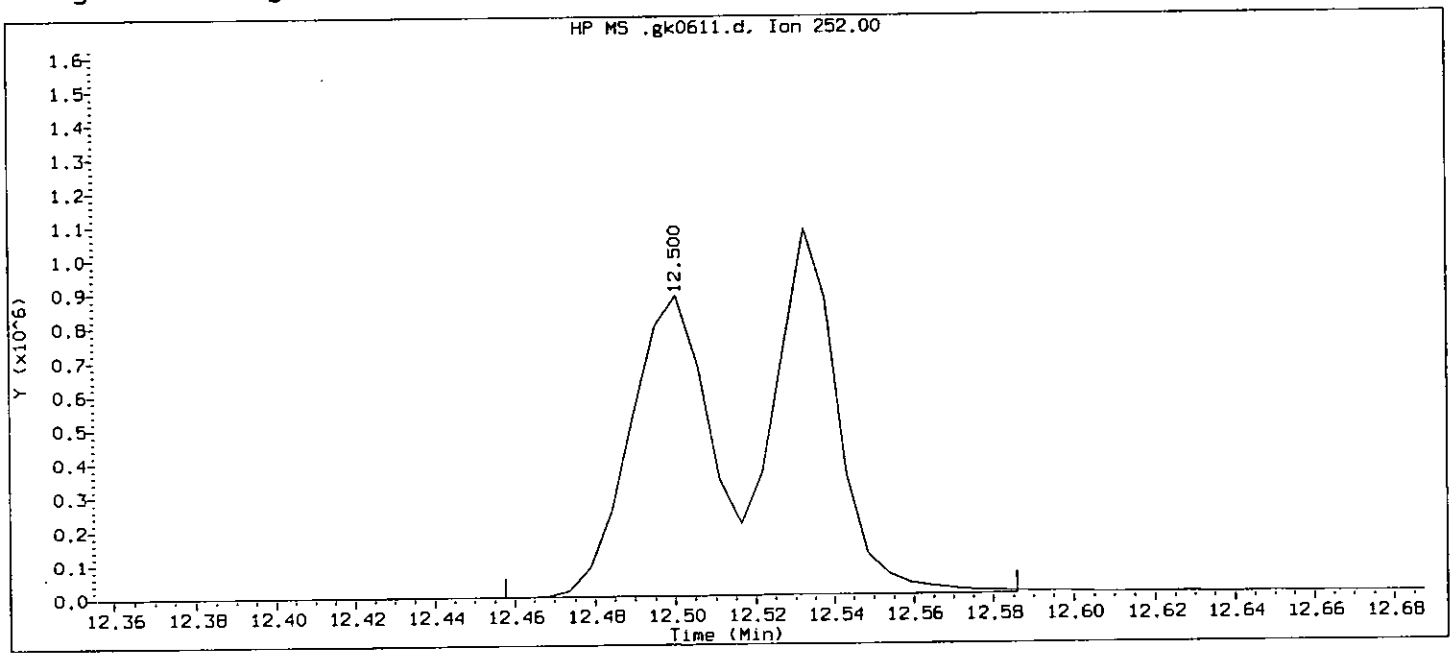
GC/MS audit/management approval: 11/16/07

Manual Integration Report for data file /chem/HP11165.i/07nov15a.b/gk0611.d, generated on 11/15/2007 at 17:20

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP11165.i/07nov15a.b/gk0611.d Instrument ID: HP11165.i
Injection date and time: 15-NOV-2007 16:55 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07nov15a.b/minti.m Sublist used: all
Calibration date and time: 15-NOV-2007 17:17
Date, time and analyst ID of latest file update: 15-Nov-2007 17:17 gjd01970

Sample Name: SSTD050 Lab Sample ID: STD3107

Compound Number : 172
Compound Name : Benzo(k)fluoranthene
Scan Number : 1975
Retention Time (minutes): 12.500
Quant Ion : 252
Area : 2408159
Concentration (ng/ul) : 106.9045
Integration start scan : 1966 Integration stop scan: 1990
Y at integration start : 0 Y at integration end: 2035

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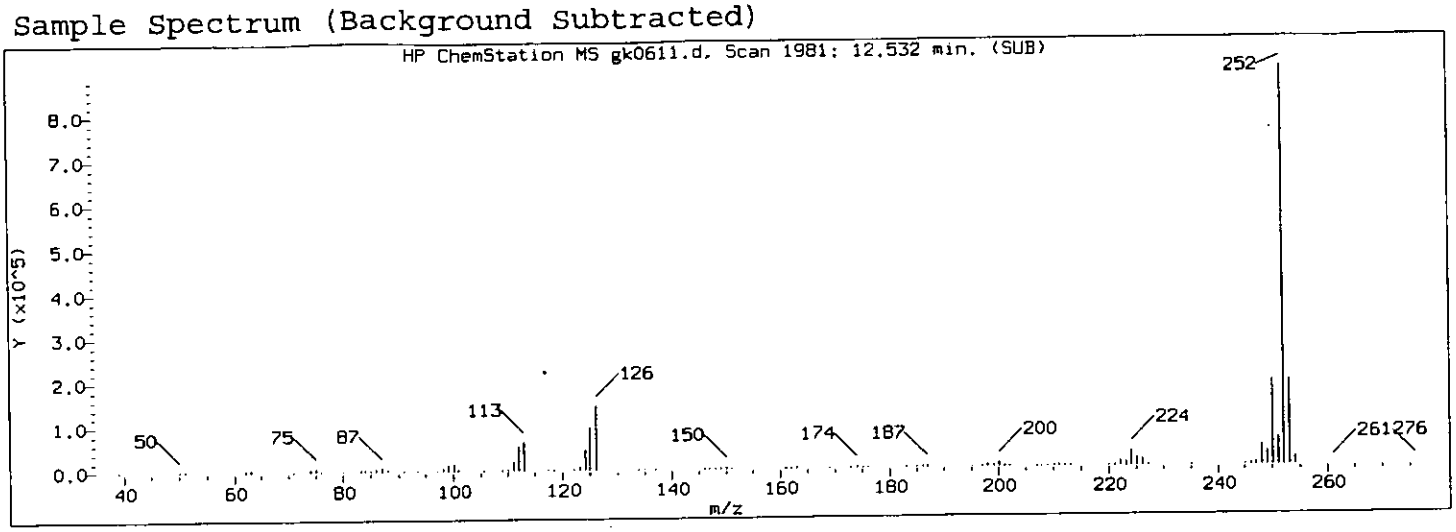
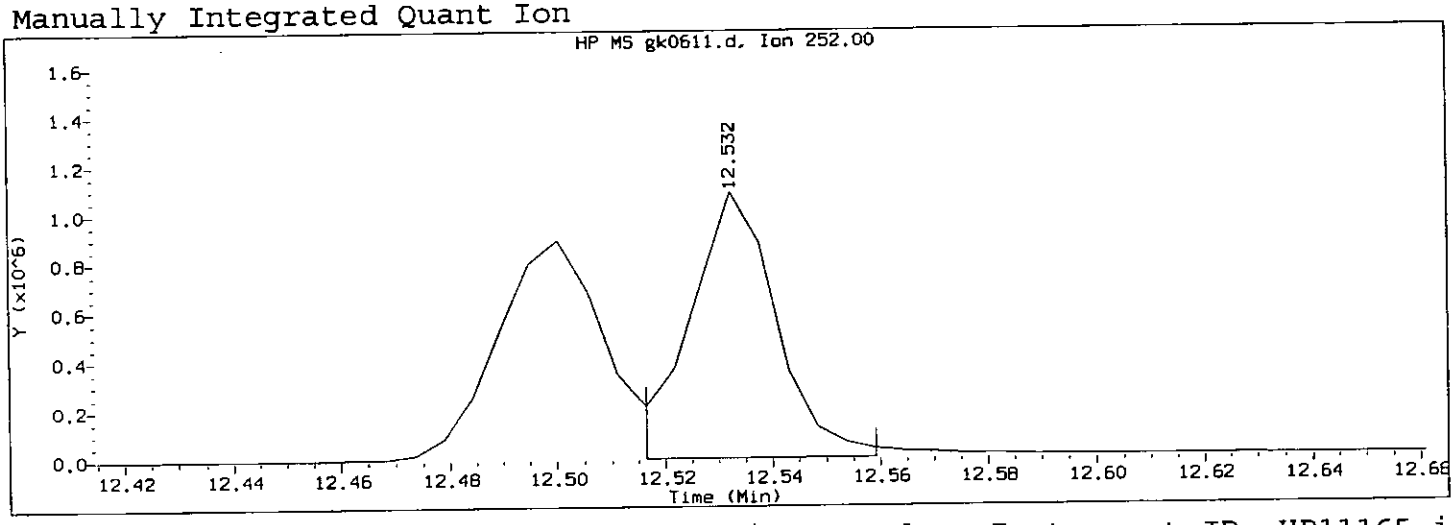
Original Integration Report for data file /chem/HP11165.i/07nov15a.b/gk0611.d, generated on 11/15/2007 at 17:20

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP11165.i/07nov15a.b/gk0611.d Instrument ID: HP11165.i
Injection date and time: 15-NOV-2007 16:55 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07nov15a.b/minti.m Sublist used: all
Calibration date and time: 15-NOV-2007 17:20
Date, time and analyst ID of latest file update: 15-Nov-2007 17:20 gjd01970

Sample Name: SSTD050 Lab Sample ID: STD3107

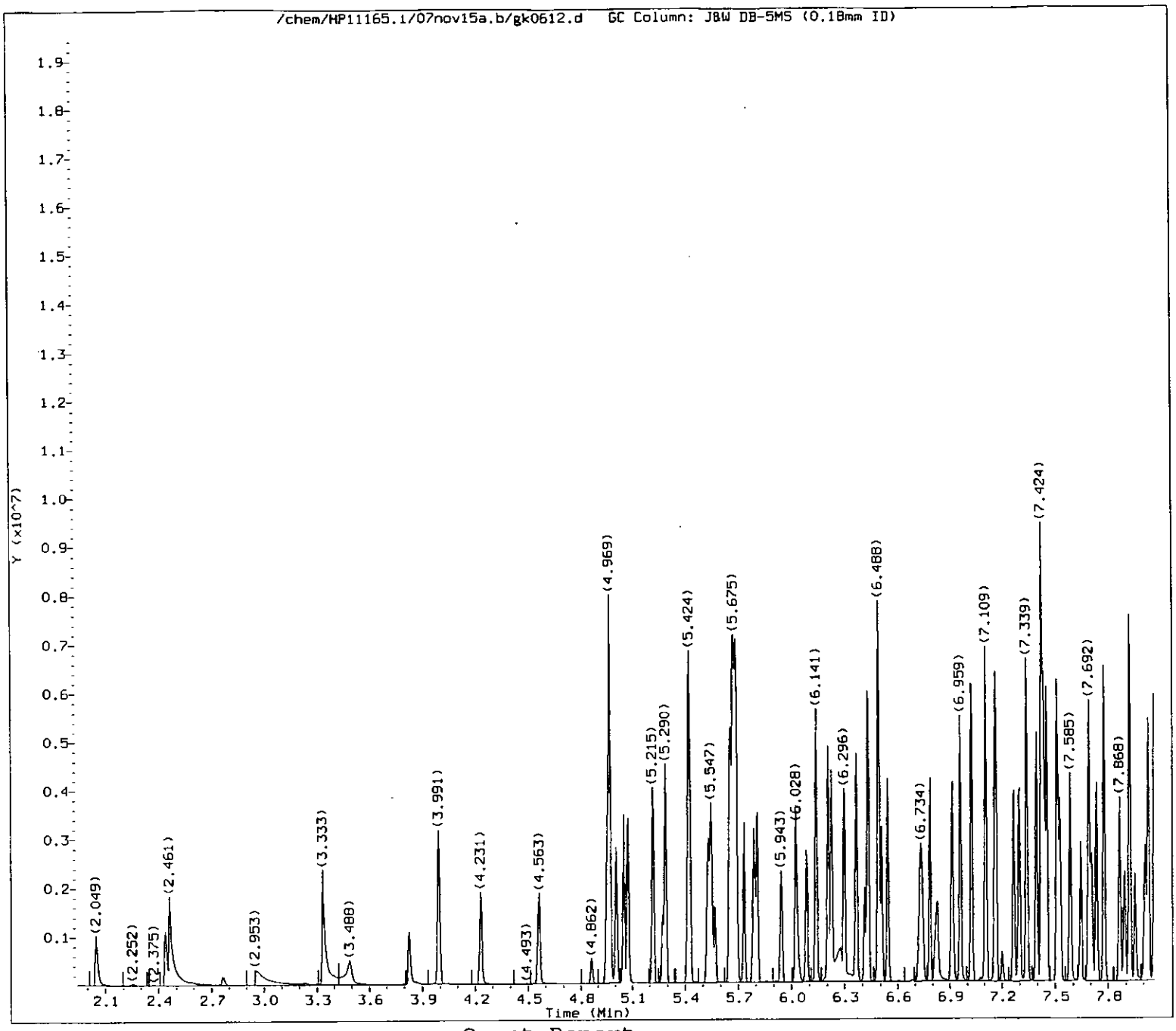
Compound Number	: 172	
Compound Name	: Benzo(k)fluoranthene	
Scan Number	: 1981	
Retention Time (minutes)	: 12.532	
Quant Ion	: 252	
Area (flag)	: 1239018 M	
Concentration (ng/ul)	: 50.0000	
Integration start scan	: 1977	Integration stop scan: 1985
Y at integration start	: -929	Y at integration end: -929

Reason for manual integration (circle one): missed peak (improper integration)

Analyst responsible for change: _____ 1520 11/15/07

GC/MS audit/management approval: _____ 8468 11/16/07

Manual Integration Report for data file /chem/HP11165.i/07nov15a.b/gk0611.d, generated on 11/15/2007 at 17:20



Quant Report

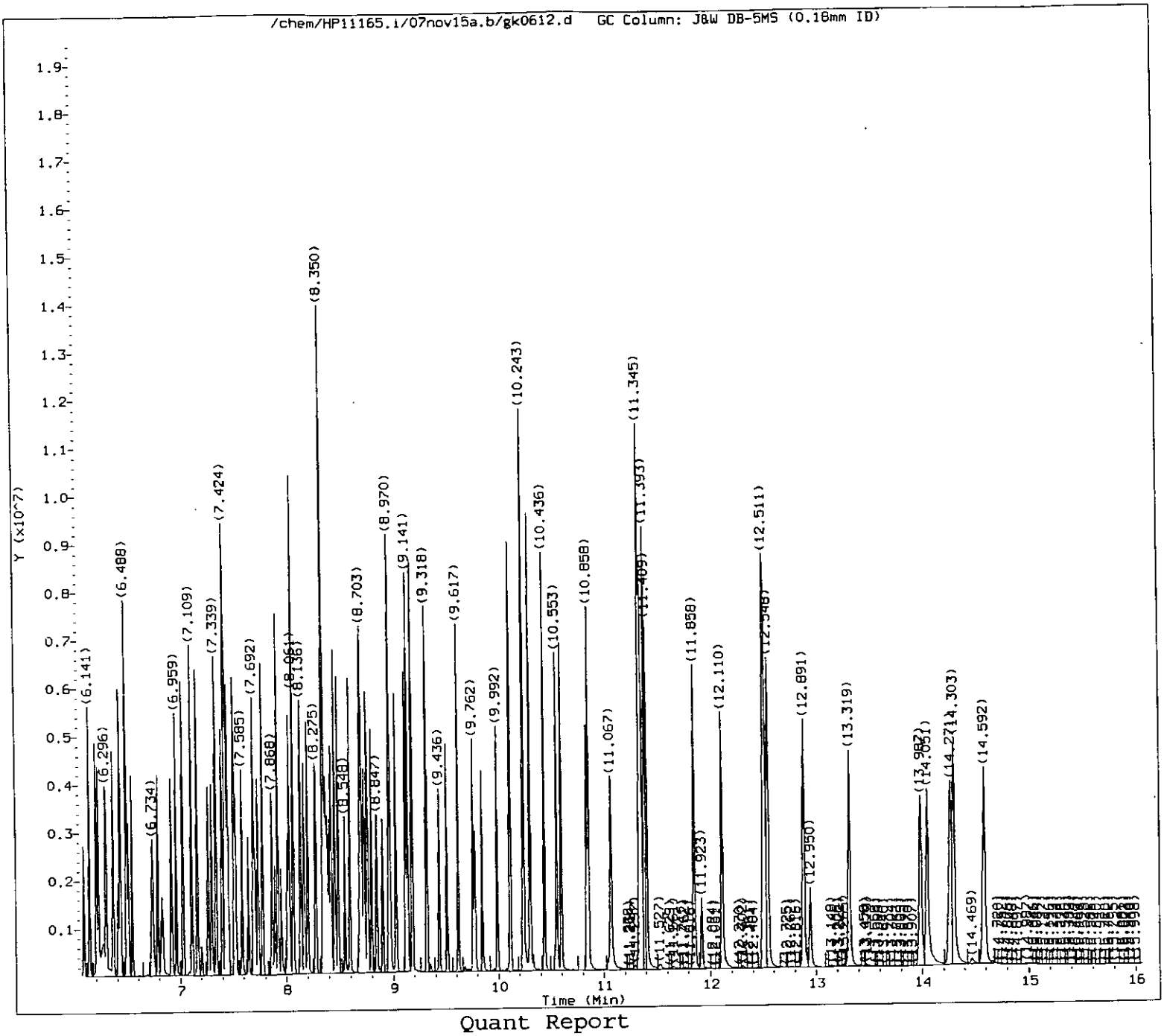
Target Revision 3.5

Data File: /chem/HP11165.i/07nov15a.b/gk0612.d Instrument ID: HP11165.i
Injection date and time: 15-NOV-2007 17:20 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07nov15a.b/minti.m Sublist used: all1
Calibration date and time: 15-NOV-2007 17:38
Date, time and analyst ID of latest file update: 15-Nov-2007 17:45 gjd01970

Sample Name: SSTD120 Lab Sample ID: STD3107

0461
11/15/7



Quant Report

Target Revision 3.5

Data File: /chem/HP11165.i/07nov15a.b/gk0612.d
Injection date and time: 15-NOV-2007 17:20

Instrument ID: HP11165.i
Analyst ID: gjd01970

Method used: /chem/HP11165.i/07nov15a.b/minti.m
Calibration date and time: 15-NOV-2007 17:38

Sublist used: all1

Date, time and analyst ID of latest file update: 15-Nov-2007 17:45 gjd01970

Sample Name: SSTD120

Lab Sample ID: STD3107

11/15/07

Quant Report

Target Revision 3.5

Data File: /chem/HP11165.i/07nov15a.b/gk0612.d Instrument ID: HP11165.i
Injection date and time: 15-NOV-2007 17:20 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07nov15a.b/minti.m Sublist used: all1
Calibration date and time: 15-NOV-2007 17:38
Date, time and analyst ID of latest file update: 15-Nov-2007 17:45 gjd01970

Sample Name: SSTD120 Lab Sample ID: STD3107

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
1) 1,4-Dioxane	(1)	2.049	88	450358	125.538
2) N-Nitrosodimethylamine	(1)	2.440	74	658169	132.036
3) Pyridine	(1)	2.461	79	1145616	128.647
5) 2-Picoline	(1)	3.333	93	999790	121.205
6) N-Nitrosomethylethylamine	(1)	3.488	88	487883	119.854
7) Methyl methanesulfonate	(1)	3.830	80	440533	117.277
10) N-Nitrosodiethylamine	(1)	4.231	102	466704	118.852
11) Ethyl methanesulfonate	(1)	4.563	109	406179	118.271
13) Aniline	(1)	4.969	93	1532535	118.527
16) Phenol	(1)	4.969	94	1326530	120.074
17) Pentachloroethane	(1)	5.007	167	249241	120.216
18) bis(2-Chloroethyl)ether	(1)	5.050	93	922853	119.213
19) 2-Chlorophenol	(1)	5.076	128	713283	118.468
20) 1,3-Dichlorobenzene	(1)	5.215	146	707397	119.448
21) 1,4-Dichlorobenzene-d4	(1)	5.274	152	152161	40.000
22) 1,4-Dichlorobenzene	(1)	5.290	146	717603	117.745
24) Benzyl alcohol	(1)	5.419	108	598852	123.907
25) 1,2-Dichlorobenzene	(1)	5.424	146	682665	119.769
26) 2-Methylphenol	(1)	5.531	108	860165	120.601
27) 2,2'-oxybis(1-Chloropropane)	(1)	5.547	45	1080467	117.909
28) bis(2-Chloroisopropyl)ether	(1)	5.547	45	1080467	117.909
29) N-Nitrosopyrrolidine	(1)	5.654	100	482199	121.971
30) Acetophenone	(1)	5.659	105	1191178	120.352
31) N-Nitroso-di-n-propylamine	(1)	5.681	70	759850	120.122
32) N-Nitrosomorpholine	(1)	5.692	56	499364	119.277
33) 4-Methylphenol	(1)	5.670	108	959985	120.792
34) o-Toluidine	(1)	5.686	106	1428830	119.461
37) Hexachloroethane	(1)	5.734	117	312143	120.524
39) Nitrobenzene	(2)	5.809	77	1088579	117.830
40) N-Nitrosopiperidine	(2)	5.943	114	413918	119.809
41) Isophorone	(2)	6.023	82	1897549	119.401
42) 2-Nitrophenol	(2)	6.087	139	361599	121.175
44) 2,4-Dimethylphenol	(2)	6.141	107	922427	120.251
45) O,O,O-triethylphosphorothioate	(2)	6.205	198	368233	118.908
46) bis(2-Chloroethoxy)methane	(2)	6.226	93	1062874	117.038
47) Benzoic acid	(2)	6.275	105	747389	134.095
49) 2,4-Dichlorophenol	(2)	6.301	162	596961	119.829
50) 1,2,4-Trichlorobenzene	(2)	6.365	180	601914	119.649
52) Naphthalene-d8	(2)	6.414	136	620754	40.000
53) Naphthalene	(2)	6.430	128	2146736	120.010
55) 4-Chloroaniline	(2)	6.488	127	845721	119.793
56) 2,6-Dichlorophenol	(2)	6.488	162	557922	119.530
57) Hexachloropropene	(2)	6.510	213	405443	121.491

M = Compound was manually integrated. A = User selected an alternate hit

Quant Report

Target Revision 3.5

Data File: /chem/HP11165.i/07nov15a.b/gk0612.d Instrument ID: HP11165.i
Injection date and time: 15-NOV-2007 17:20 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07nov15a.b/minti.m Sublist used: all1
Calibration date and time: 15-NOV-2007 17:38
Date, time and analyst ID of latest file update: 15-Nov-2007 17:45 gjd01970

Sample Name: SSTD120 Lab Sample ID: STD3107

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
59) Hexachlorobutadiene	(2)	6.542	225	367128	120.000
62) Caprolactam	(2)	6.831	113	314679 A	121.679
63) N-Nitrosodi-n-butylamine	(2)	6.788	84	689810	104.348
67) 4-Chloro-3-methylphenol	(2)	6.916	107	799569	119.147
68) Safrole	(2)	6.959	162	555684	120.093
69) 2-Methylnaphthalene	(2)	7.023	142	1361926	119.438
70) 1-Methylnaphthalene	(2)	7.109	142	1359927	119.293
71) Hexachlorocyclopentadiene	(3)	7.157	237	360875	123.076
72) 1,2,4,5-Tetrachlorobenzene	(3)	7.168	216	657251	119.171
73) cis-Isosafrole	(3)	7.200	162	57306	12.939
74) 2,4,6-Trichlorophenol	(3)	7.269	196	448001	121.142
76) 2,4,5-Trichlorophenol	(3)	7.301	196	512104	119.486
78) trans-Isosafrole	(3)	7.398	162	611604	106.154
79) Isosafrole	(3)	7.398	162	611604	119.274
80) Biphenyl	(3)	7.424	154	1767186	118.938
81) Diphenyl	(3)	7.424	154	1767186	118.938
82) 1,1'-Biphenyl	(3)	7.424	154	1767186	118.938
83) 2-Chloronaphthalene	(3)	7.435	162	1699289M	122.191
87) Diphenyl ether	(3)	7.510	170	997692	118.796
88) 2-Nitroaniline	(3)	7.526	138	475836	120.178
89) 1,4-Naphthoquinone	(3)	7.585	158	495460	116.795
90) 1,4-Dinitrobenzene	(3)	7.644	168	261427	121.977
91) Dimethylphthalate	(3)	7.692	163	1498891	118.913
92) 1,3-Dinitrobenzene	(3)	7.708	168	300033	122.021
93) 2,6-Dinitrotoluene	(3)	7.735	165	357442	120.800
94) Acenaphthylene	(3)	7.777	152	2121106	120.385
96) 3-Nitroaniline	(3)	7.868	138	428139	121.223
97) Acenaphthene-d10	(3)	7.895	164	382194	40.000
98) Acenaphthene	(3)	7.922	153	1403685	121.194
99) 2,4-Dinitrophenol	(3)	7.954	184	246837	130.662
100) Pentachlorobenzene	(3)	8.029	250	616994	120.550
102) 4-Nitrophenol	(3)	8.013	109	329442	122.217
103) Dibenzofuran	(3)	8.066	168	2038548	119.834
104) 2,4-Dinitrotoluene	(3)	8.066	165	474336	121.646
105) 1-Naphthylamine	(3)	8.136	143	1375447	119.316
106) 2,3,4,6-Tetrachlorophenol	(3)	8.168	232	430253	121.978
107) 2-Naphthylamine	(3)	8.200	143	1365858	117.207
108) Diethylphthalate	(3)	8.275	149	1564319	119.748
109) Thionazin	(3)	8.344	107	304844	118.159
110) Fluorene	(3)	8.350	166	1711159	121.185
111) 4-Chlorophenyl-phenylether	(3)	8.355	204	861434	121.139
112) 5-Nitro-o-toluidine	(3)	8.371	152	495904	119.506
113) 4-Nitroaniline	(3)	8.387	138	447205	120.011

M = Compound was manually integrated. A = User selected an alternate hit

Quant Report

Target Revision 3.5

Data File: /chem/HP11165.i/07nov15a.b/gk0612.d Instrument ID: HP11165.i
Injection date and time: 15-NOV-2007 17:20 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07nov15a.b/minti.m Sublist used: all1
Calibration date and time: 15-NOV-2007 17:38
Date, time and analyst ID of latest file update: 15-Nov-2007 17:45 gjd01970

Sample Name: SSTD120 Lab Sample ID: STD3107

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
114) 4,6-Dinitro-2-methylphenol	(4)	8.403	198	314499	123.830
115) 1-Nitronaphthalene	(4)	8.425	173	332205	120.087
116) N-Nitrosodiphenylamine	(4)	8.457	169	1251878	119.479
117) 1,2-Diphenylhydrazine	(4)	8.483	77	2385675	120.246
119) Tetraethyldithiopyrophosphate	(4)	8.596	97	307045	117.908
120) 1,3,5-Trinitrobenzene	(4)	8.687	213	217658	128.185
121) Diallate (peak 1)	(4)	8.697	86	739752	88.836
122) Phorate	(4)	8.703	75	1296975	118.919
123) Phenacetin	(4)	8.730	108	1013564	120.777
124) 4-Bromophenyl-phenylether	(4)	8.756	248	504413	121.340
125) Diallate (peak 2)	(4)	8.767	86	237813	30.080
126) Hexachlorobenzene	(4)	8.799	284	576184	121.746
127) Dimethoate	(4)	8.847	87	621144	109.414
128) Diallate TRANS/CIS	(4)	23.156	86	977565	118.898
130) Pentachlorophenol	(4)	8.965	266	378432	125.843
131) Pentachloronitrobenzene	(4)	8.976	237	207499	119.159
132) 4-Aminobiphenyl	(4)	8.970	169	1552804	119.404
133) Pronamide	(4)	9.029	173	688138	120.245
134) Phenanthrene-d10	(4)	9.120	188	746100	40.000
135) Dinoseb	(4)	9.120	211	453860	128.196
136) Phenanthrene	(4)	9.141	178	2427435	120.361
137) Anthracene	(4)	9.184	178	2530665	122.033
139) Carbazole	(4)	9.318	167	2418839	120.163
140) Methyl parathion	(4)	9.436	109	480665	113.248
141) Di-n-butylphthalate	(4)	9.617	149	2669215	121.136
142) Parathion	(4)	9.762	109	371425	121.818
143) 4-Nitroquinoline-1-oxide	(4)	9.778	190	231560	126.616
144) Methapyrilene	(4)	9.847	97	640118	109.112
145) Isodrin	(4)	9.992	193	255867	119.805
146) Fluoranthene	(4)	10.115	202	3039897	122.107
151) Benzidine	(5)	10.243	184	4823318	354.571
153) Pyrene	(5)	10.302	202	3118906	118.924
157) p-Dimethylaminoazobenzene	(5)	10.553	225	677573	121.445
158) Chlorobenzilate	(5)	10.596	139	795805	116.860
159) 3,3'-Dimethylbenzidine	(5)	10.837	212	1518719	121.272
160) Butylbenzylphthalate	(5)	10.858	149	1249932	117.765
161) 2-Acetylaminofluorene	(5)	11.067	181	1105171	124.406
163) 3,3'-Dichlorobenzidine	(5)	11.340	252	1175033	122.631
164) 4,4'-Methylenebis(2-Chloroanil	(5)	11.345	231	598800	122.251
165) Benzo(a)anthracene	(5)	11.356	228	3230066	121.927
166) Chrysene-d12	(5)	11.366	240	854970	40.000
167) Chrysene	(5)	11.393	228	3148882	121.271
168) bis(2-Ethylhexyl)phthalate	(5)	11.409	149	1701591	120.379

M = Compound was manually integrated. A = User selected an alternate hit

Quant Report

Target Revision 3.5

Data File: /chem/HP11165.i/07nov15a.b/gk0612.d Instrument ID: HP11165.i
Injection date and time: 15-NOV-2007 17:20 Analyst ID: gjd01970

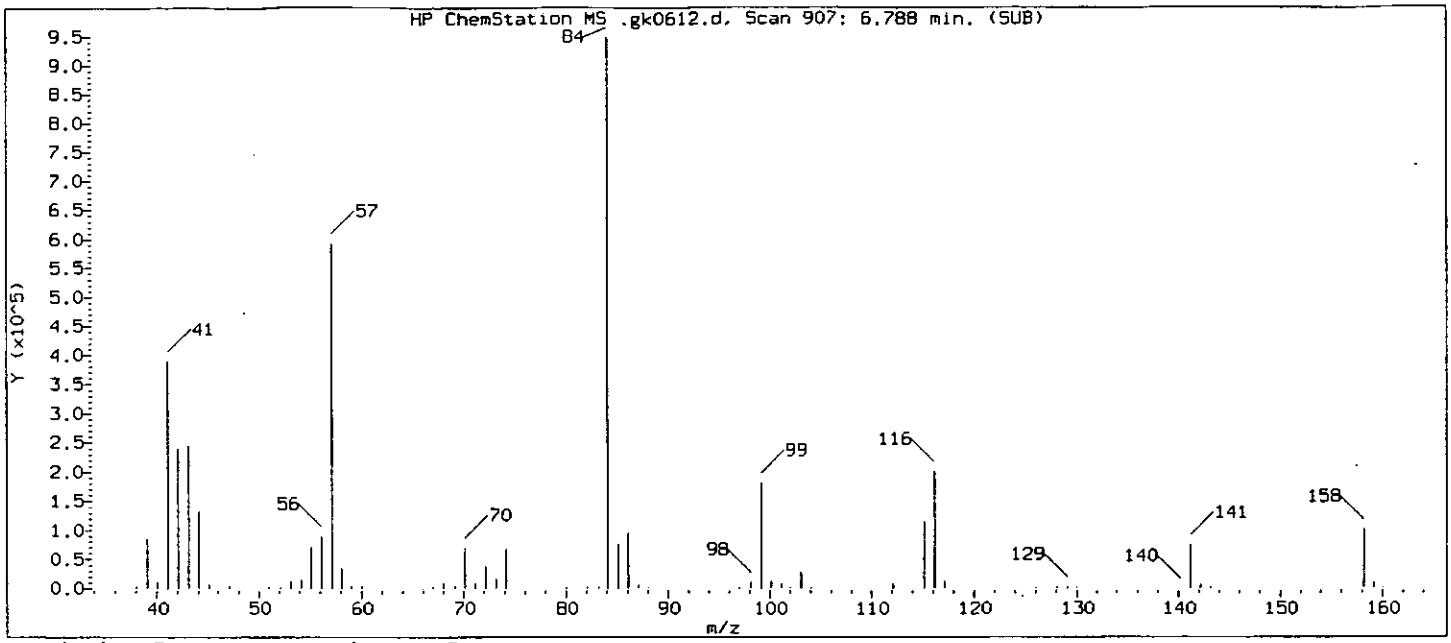
Method used: /chem/HP11165.i/07nov15a.b/minti.m Sublist used: all1
Calibration date and time: 15-NOV-2007 17:38
Date, time and analyst ID of latest file update: 15-Nov-2007 17:45 gjd01970

Sample Name: SSTD120 Lab Sample ID: STD3107

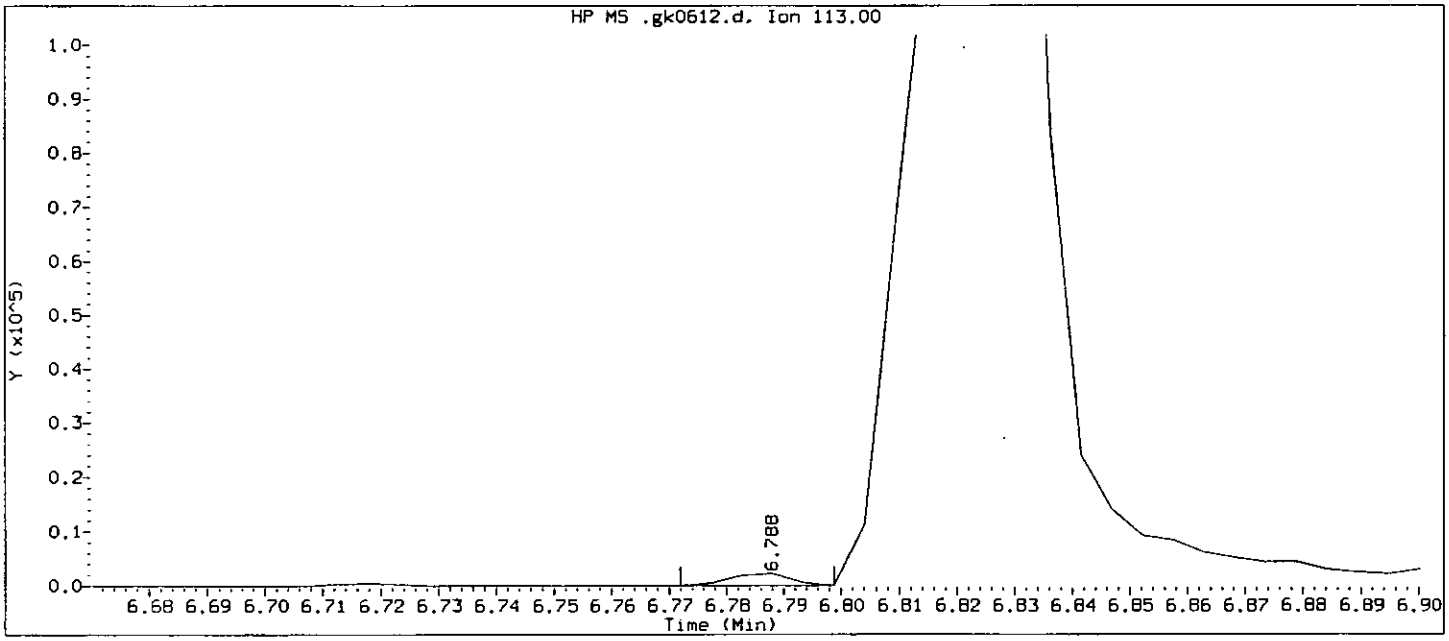
	Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
188)	6-Methylchrysene	(5)	11.858	242	2167052	122.374
169)	Di-n-octylphthalate	(6)	12.110	149	2757878	123.426
189)	Dibenz(a,h)acridine	(6)	13.987	279	2401895	127.218
190)	Dibenz(a,j)acridine	(6)	14.051	279	2677367	126.776
170)	7,12-Dimethylbenz[a]anthracene	(6)	12.511	256	1575339	123.619
171)	Benzo(b)fluoranthene	(6)	12.522	252	3429750M	126.078
194)	Ronnel	(4)	9.510	285	597995	118.199
172)	Benzo(k)fluoranthene	(6)	12.548	252	3194173M	121.001
173)	Benzo(a)pyrene	(6)	12.891	252	2886879	122.066
174)	Perylene-d12	(6)	12.950	264	634134	40.000
175)	3-Methylcholanthrene	(6)	13.319	268	1693110	124.465
176)	Indeno(1,2,3-cd)pyrene	(6)	14.271	276	3623091	126.387
177)	Dibenz(a,h)anthracene	(6)	14.303	278	2887107	124.363
178)	Benzo(g,h,i)perylene	(6)	14.592	276	3063731	125.376
84)	1-Chloronaphthalene	(3)	7.451	162	1245154M	116.430
9)	2-Fluorophenol	(1)	3.991	112	804961	118.739
14)	Phenol-d5	(1)	4.953	99	1125150	118.873
15)	Phenol-d6	(1)	4.953	99	1125150	118.873
38)	Nitrobenzene-d5	(2)	5.788	82	1032572	119.359
77)	2-Fluorobiphenyl	(3)	7.339	172	1572737	120.580
118)	2,4,6-Tribromophenol	(3)	8.548	330	298659	126.915
155)	Terphenyl-d14	(5)	10.436	244	2371841	121.744

M = Compound was manually integrated. A = User selected an alternate hit

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP11165.i/07nov15a.b/gk0612.d Instrument ID: HP11165.i
Injection date and time: 15-NOV-2007 17:20 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07nov15a.b/minti.m Sublist used: all1
Calibration date and time: 15-NOV-2007 17:38
Date, time and analyst ID of latest file update: 15-Nov-2007 17:38 Automation

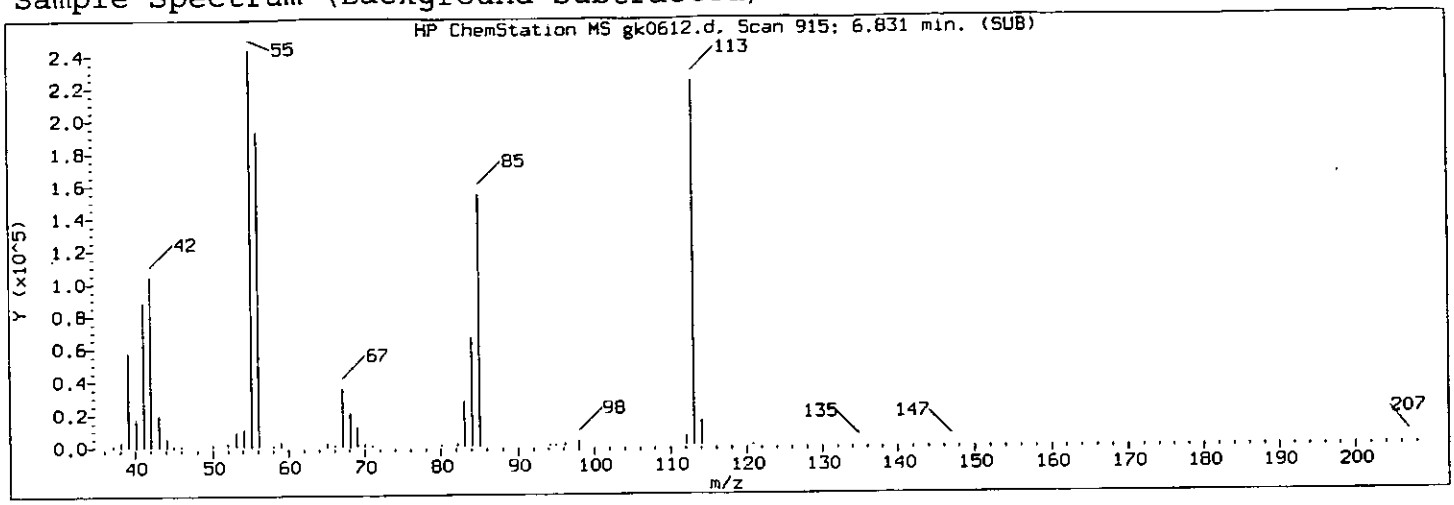
Sample Name: SSTD120 Lab Sample ID: STD3107

Compound Number	:	62
Compound Name	:	Caprolactam
Scan Number	:	907
Retention Time (minutes)	:	6.788
Quant Ion	:	113
Area	:	1614
Concentration (ng/ul)	:	1.2599
Integration start scan	:	903
Integration stop scan	:	908
Y at integration start	:	0
Y at integration end	:	0

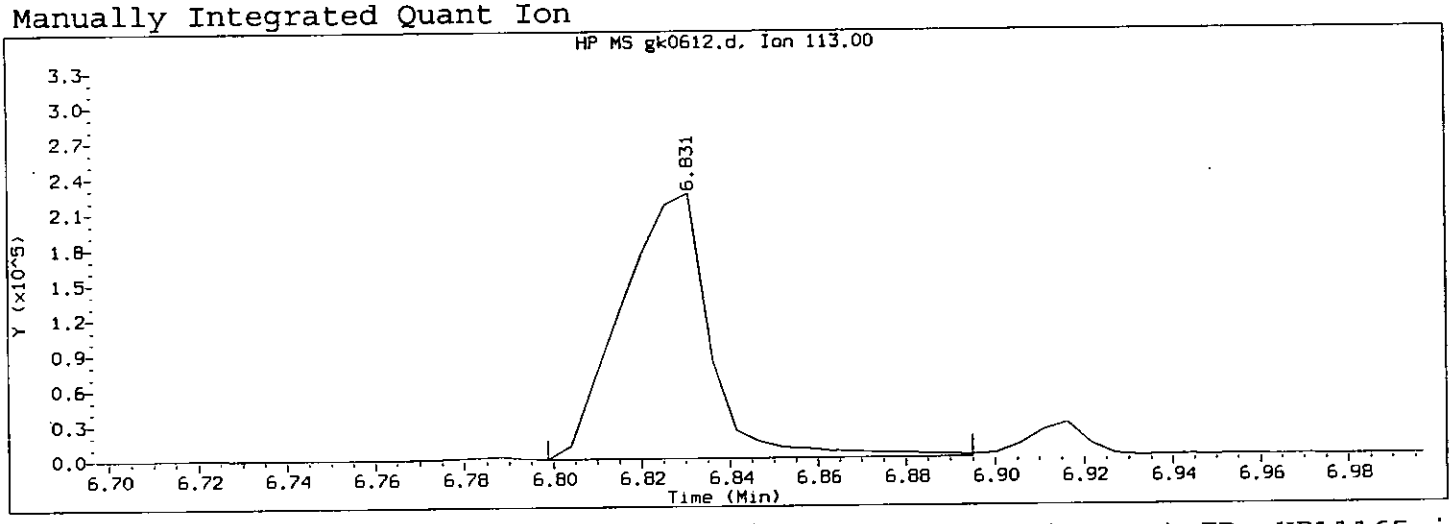
GJD 11/15/07

Original Integration Report for data file /chem/HP11165.i/07nov15a.b/gk0612.d, generated on 11/15/2007 at 17:45

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP11165.i/07nov15a.b/gk0612.d Instrument ID: HP11165.i
Injection date and time: 15-NOV-2007 17:20 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07nov15a.b/minti.m Sublist used: all1
Calibration date and time: 15-NOV-2007 17:38
Date, time and analyst ID of latest file update: 15-Nov-2007 17:45 gjd01970

Sample Name: SSTD120 Lab Sample ID: STD3107

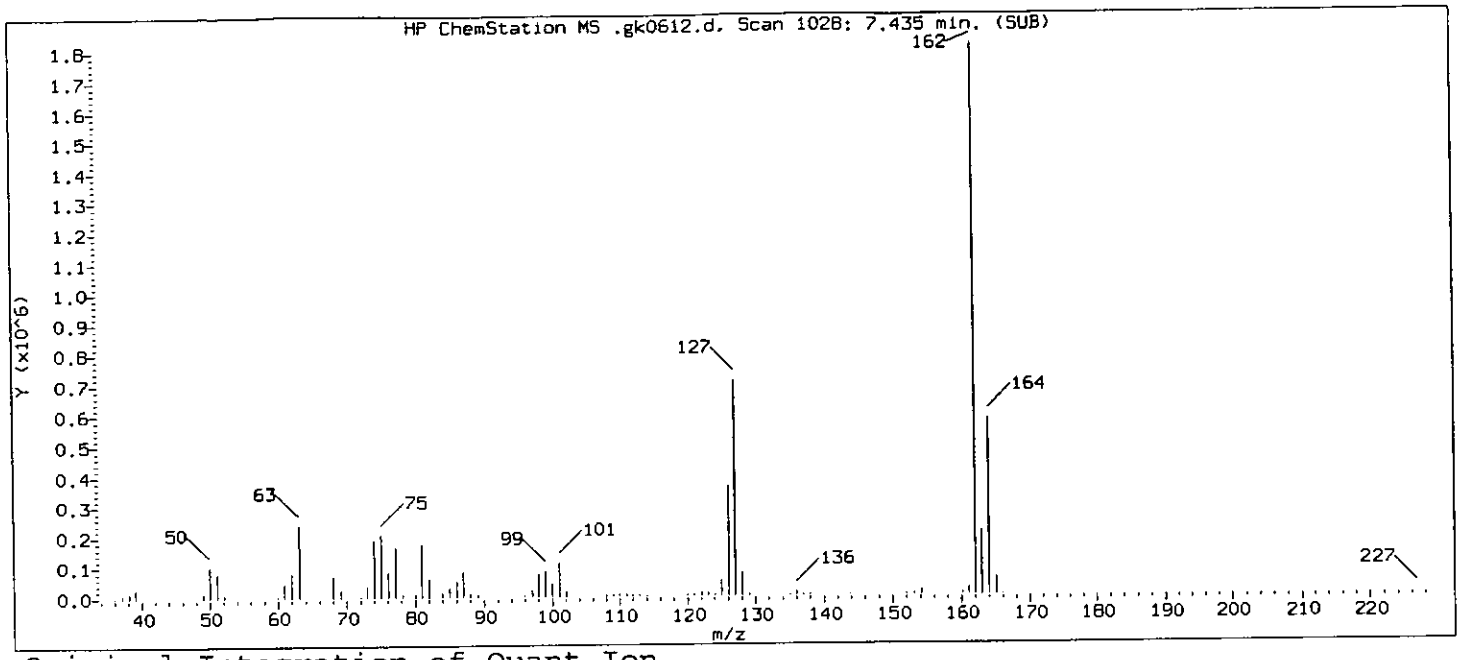
Compound Number : 62
Compound Name : Caprolactam
Scan Number : 915
Retention Time (minutes): 6.831
Quant Ion : 113
Area (flag) : 314679A
Concentration (ng/ul) : 121.6794
Integration start scan : 908 Integration stop scan: 926
Y at integration start : 0 Y at integration end: 84

Reason for manual integration (circle one): missed peak (improper integration)

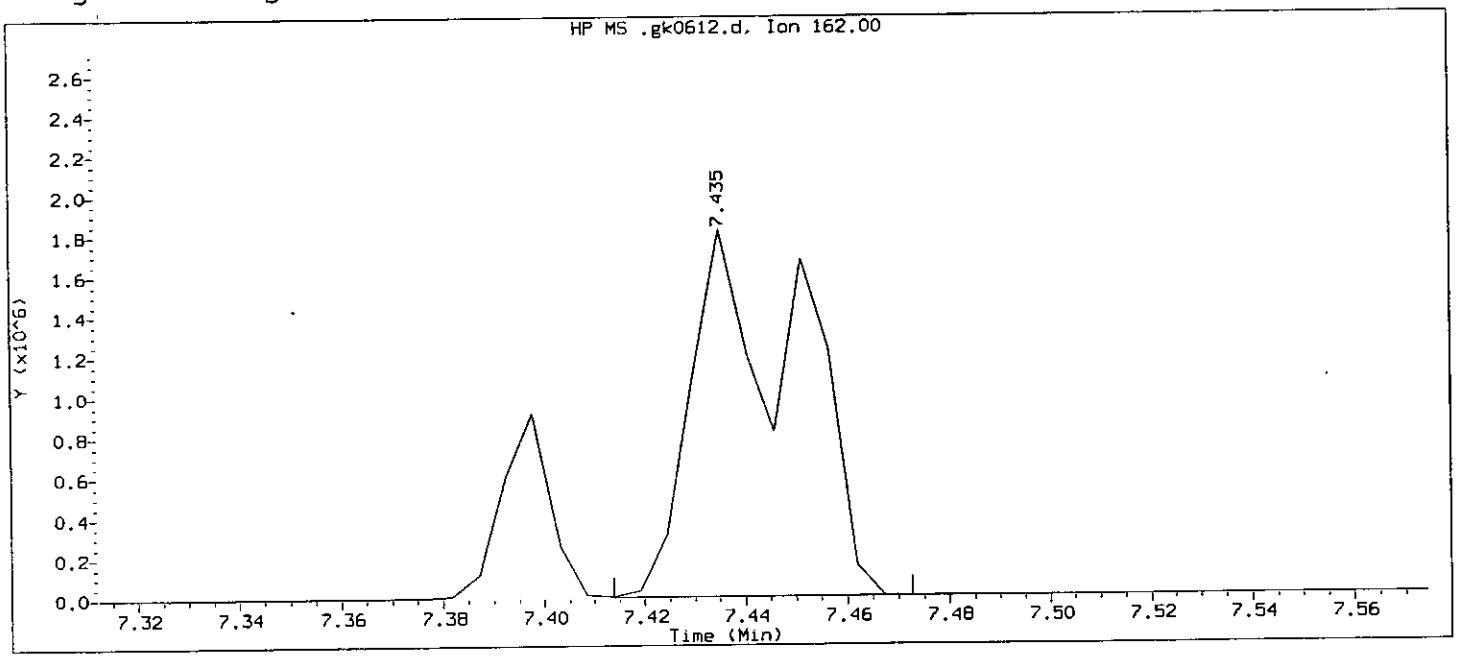
Analyst responsible for change: 1970 11/15/07

GC/MS audit/management approval: 0468 11/16/07

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP11165.i/07nov15a.b/gk0612.d Instrument ID: HP11165.i
Injection date and time: 15-NOV-2007 17:20 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07nov15a.b/minti.m Sublist used: all1
Calibration date and time: 15-NOV-2007 17:38
Date, time and analyst ID of latest file update: 15-Nov-2007 17:38 Automation

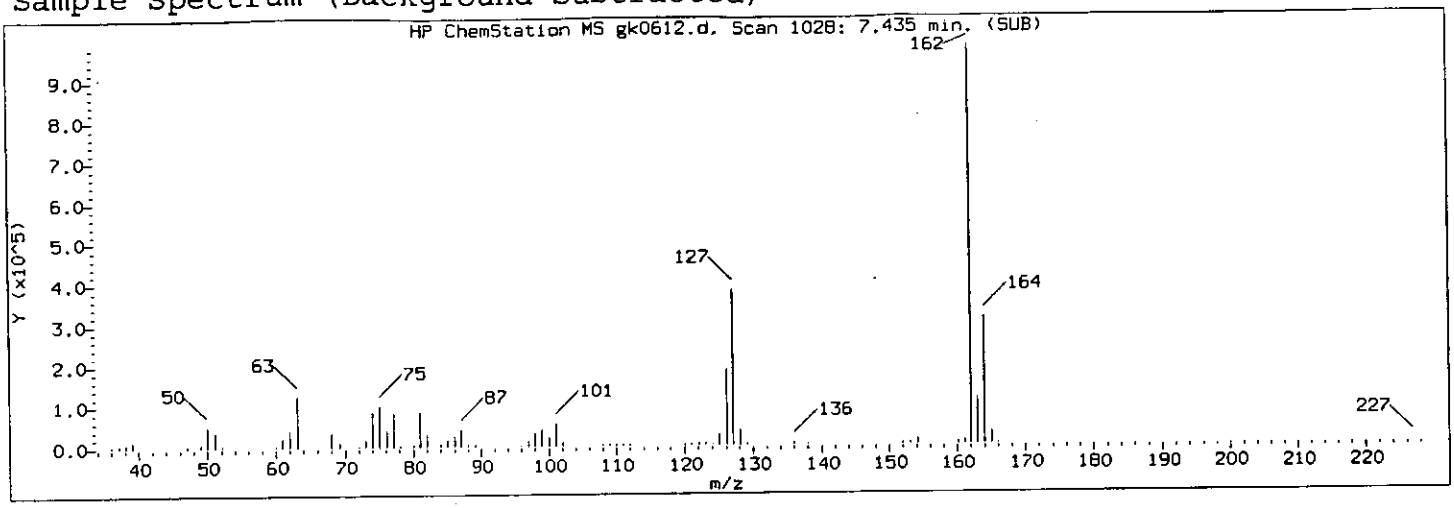
Sample Name: SSTD120 Lab Sample ID: STD3107

Compound Number	: 83
Compound Name	: 2-Chloronaphthalene
Scan Number	: 1028
Retention Time (minutes)	: 7.435
Quant Ion	: 162
Area	: 2682058
Concentration (ng/ul)	: 148.9892
Integration start scan	: 1023 Integration stop scan: 1034
Y at integration start	: 235 Y at integration end: 160

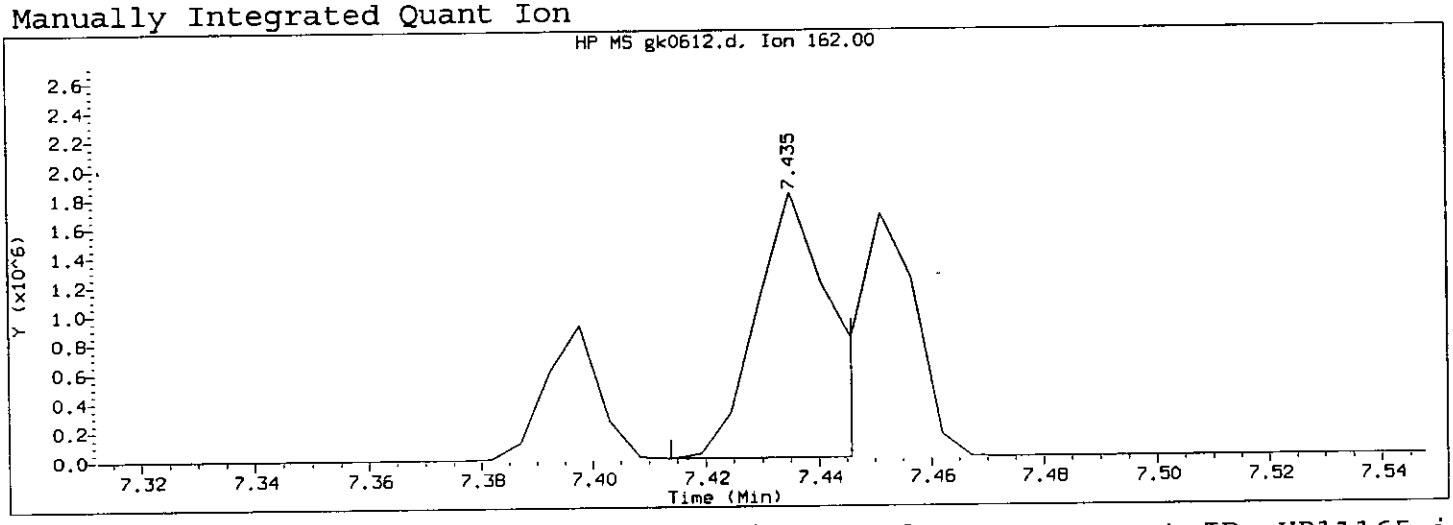
C3/97c
8469 11/15/07

Original Integration Report for data file /chem/HP11165.i/07nov15a.b/gk0612.d, generated on 11/15/2007 at 17:45

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP11165.i/07nov15a.b/gk0612.d Instrument ID: HP11165.i
Injection date and time: 15-NOV-2007 17:20 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07nov15a.b/minti.m Sublist used: all1
Calibration date and time: 15-NOV-2007 17:38
Date, time and analyst ID of latest file update: 15-Nov-2007 17:45 gjd01970

Sample Name: SSTD120 Lab Sample ID: STD3107

Compound Number : 83
Compound Name : 2-Chloronaphthalene
Scan Number : 1028
Retention Time (minutes): 7.435
Quant Ion : 162
Area (flag) : 1699289 M
Concentration (ng/ul) : 122.1911
Integration start scan : 1023 Integration stop scan: 1029
Y at integration start : 235 Y at integration end: 195

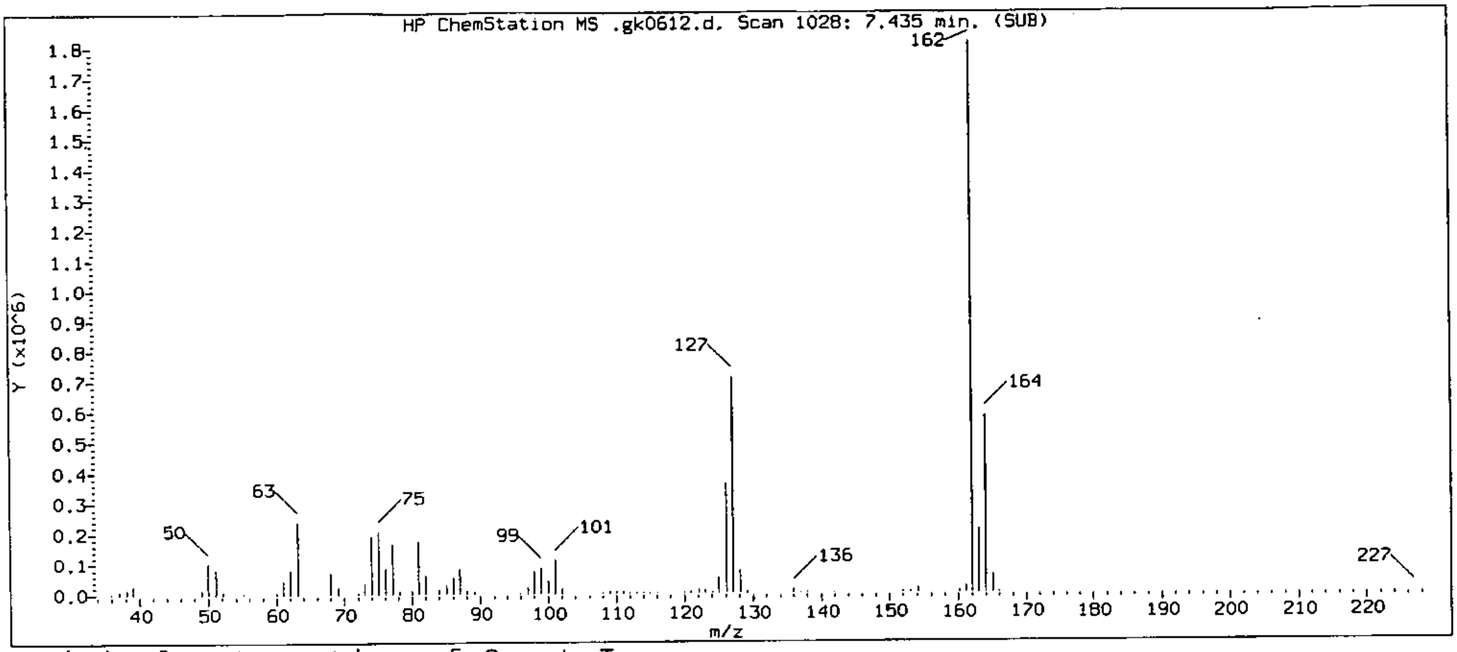
Reason for manual integration (circle one): missed peak (improper integration)

Analyst responsible for change: 1470 11/15/07

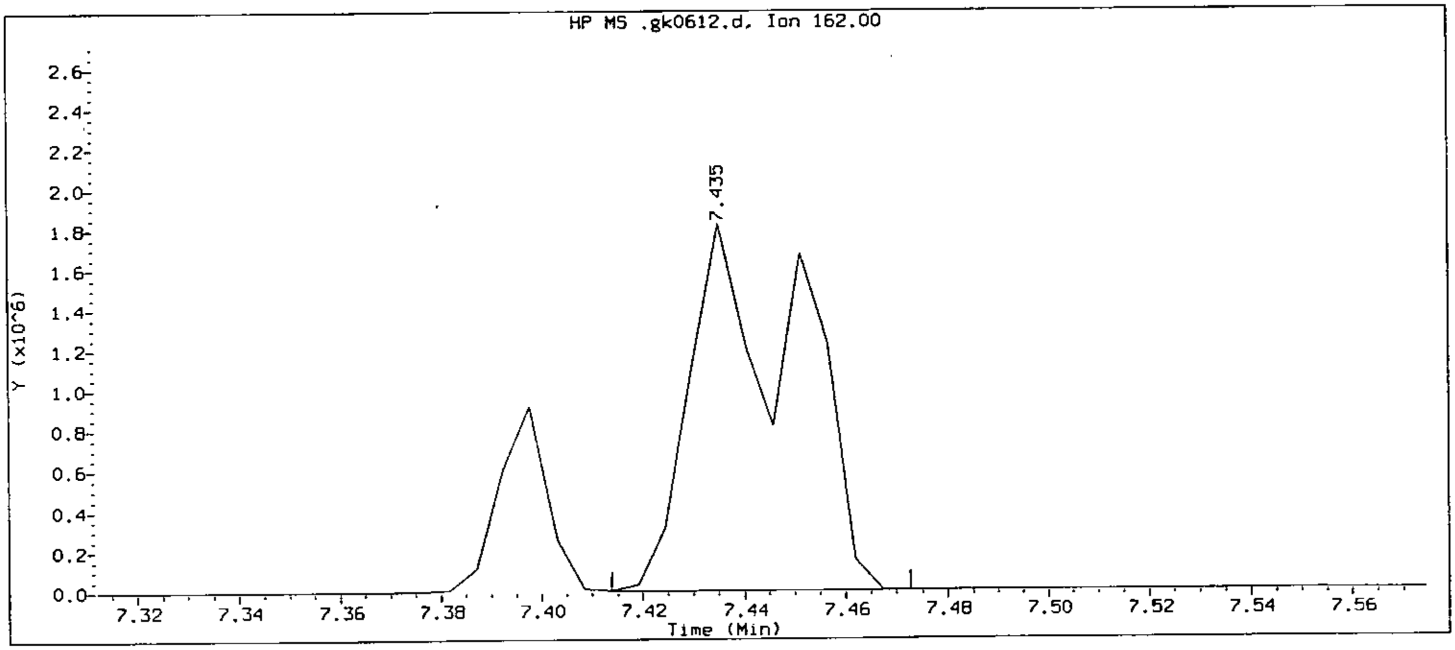
GC/MS audit/management approval: 1470 11/16/07

Manual Integration Report for data file /chem/HP11165.i/07nov15a.b/gk0612.d, generated on 11/15/2007 at 17:45

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP11165.i/07nov15a.b/gk0612.d
Injection date and time: 15-NOV-2007 17:20

Instrument ID: HP11165.i
Analyst ID: gjd01970

Method used: /chem/HP11165.i/07nov15a.b/minti.m
Sublist used: all1
Calibration date and time: 15-NOV-2007 17:38
Date, time and analyst ID of latest file update: 15-Nov-2007 17:38 Automation

Sample Name: SSTD120
Lab Sample ID: STD3107

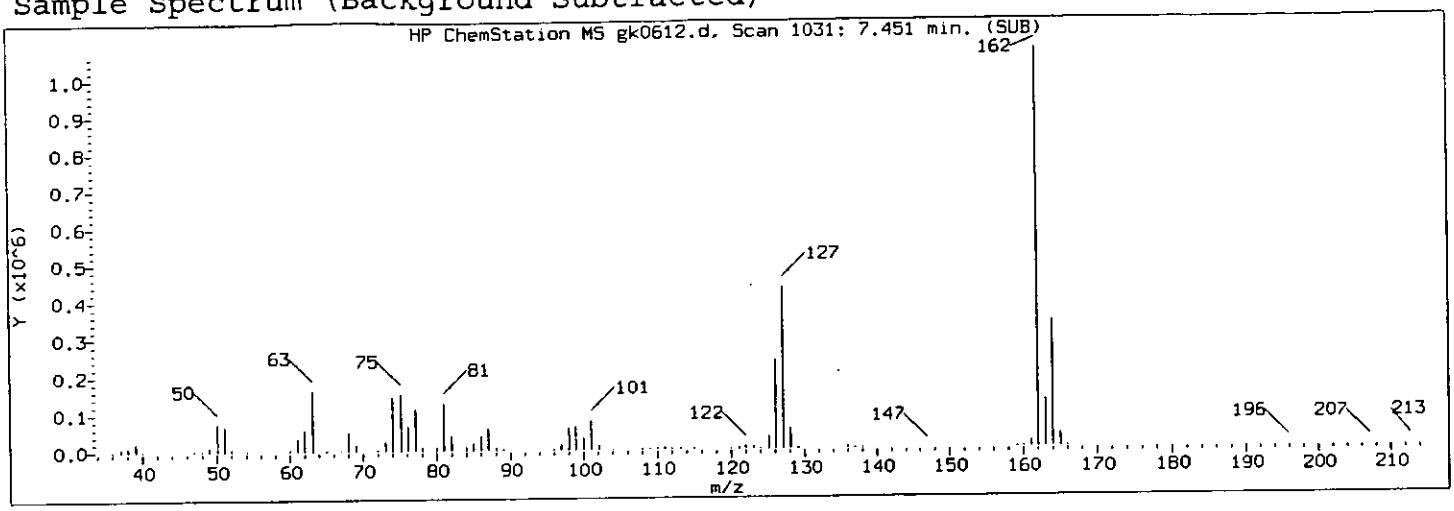
Compound Number	:	84
Compound Name	:	1-Chloronaphthalene
Scan Number	:	1028
Retention Time (minutes)	:	7.435
Quant Ion	:	162
Area	:	2681618
Concentration (ng/ul)	:	160.7714
Integration start scan	:	1023
Y at integration start	:	380

Integration stop scan: 1034
Y at integration end: 267

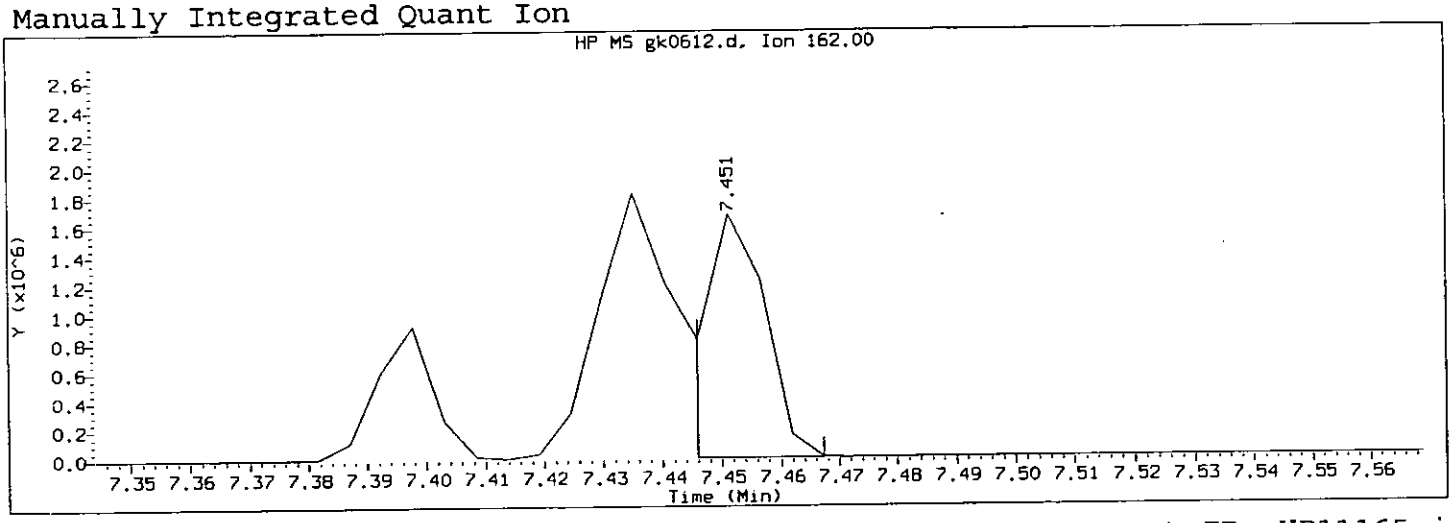
8471/15/7

Original Integration Report for data file /chem/HP11165.i/07nov15a.b/gk0612.d, generated on 11/15/2007 at 17:45

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP11165.i/07nov15a.b/gk0612.d Instrument ID: HP11165.i
Injection date and time: 15-NOV-2007 17:20 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07nov15a.b/minti.m Sublist used: all
Calibration date and time: 15-NOV-2007 17:38
Date, time and analyst ID of latest file update: 15-Nov-2007 17:45 gjd01970

Sample Name: SSTD120 Lab Sample ID: STD3107

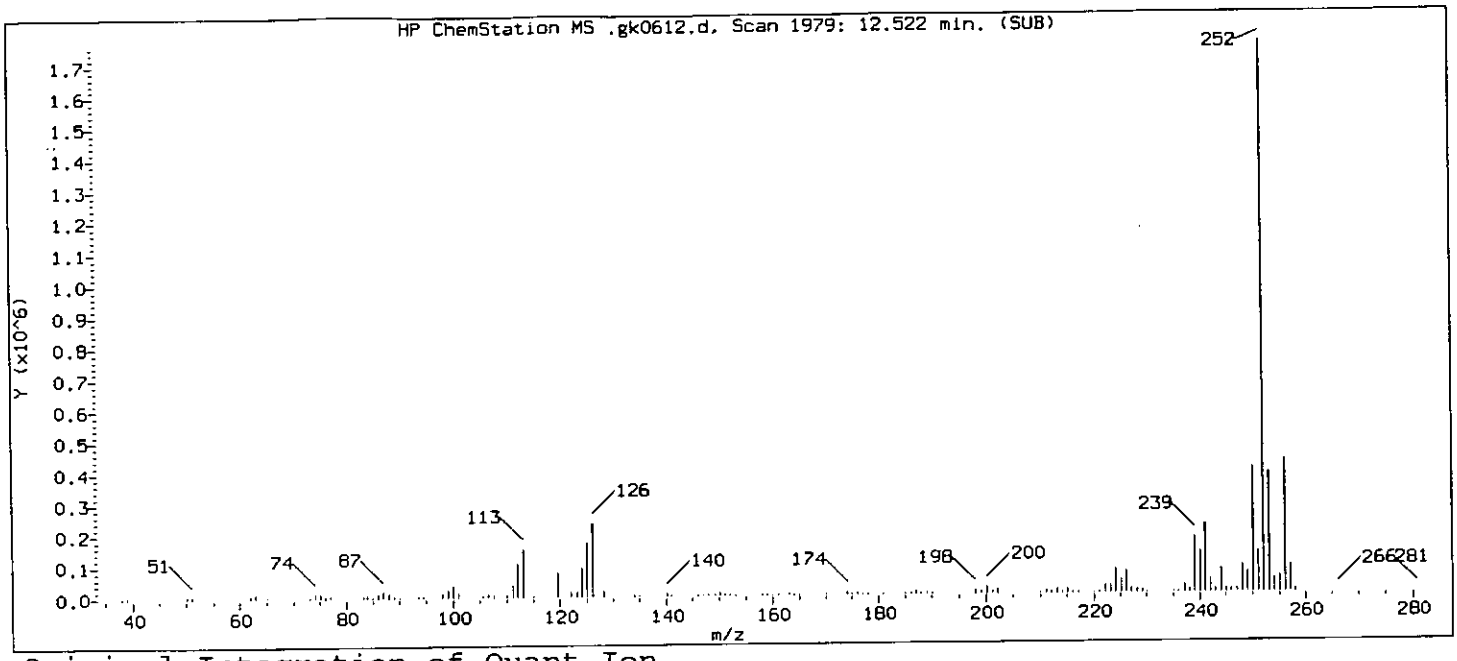
Compound Number : 84
Compound Name : 1-Chloronaphthalene
Scan Number : 1031
Retention Time (minutes): 7.451
Quant Ion : 162
Area (flag) : 1245154 M
Concentration (ng/ul) : 116.4302
Integration start scan : 1029 Integration stop scan: 1033
Y at integration start : 0 Y at integration end: 0

Reason for manual integration (circle one): missed peak improper integration

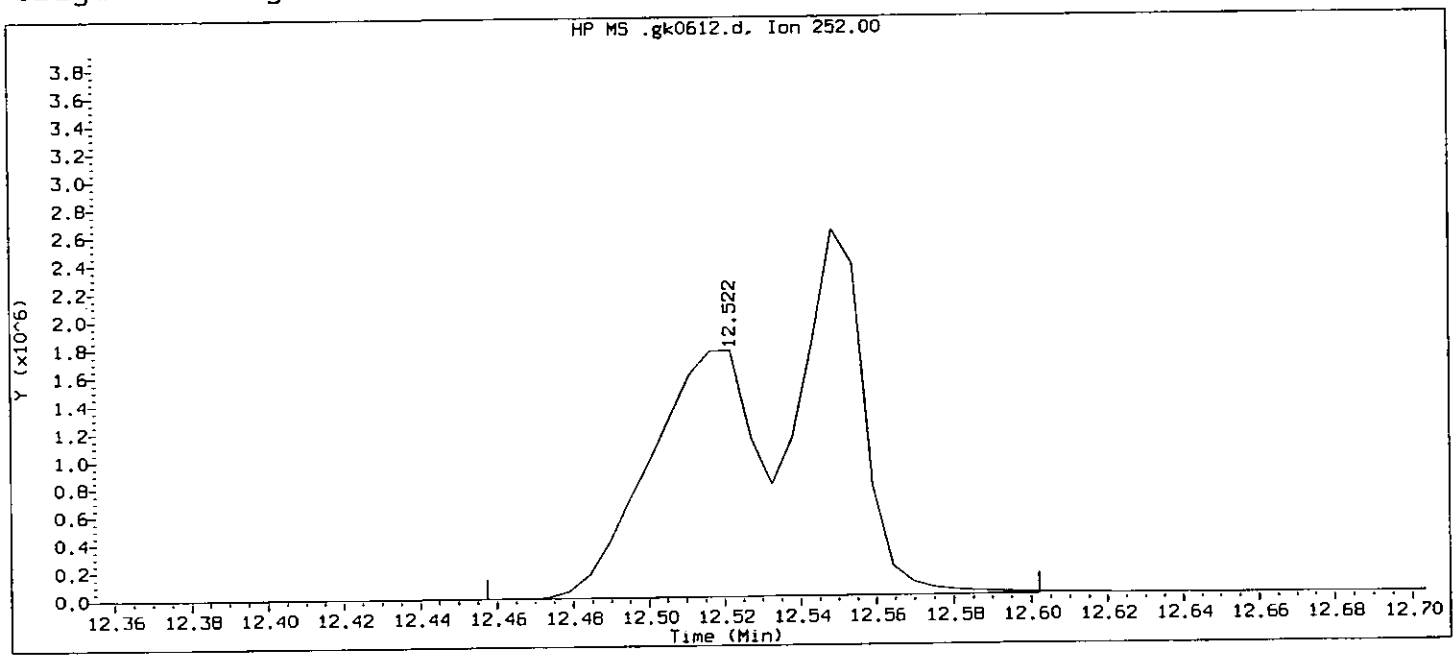
Analyst responsible for change: 1970 11/15/07

GC/MS audit/management approval: 0472 11/16/07

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP11165.i/07nov15a.b/gk0612.d Instrument ID: HP11165.i
Injection date and time: 15-NOV-2007 17:20 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07nov15a.b/minti.m Sublist used: all
Calibration date and time: 15-NOV-2007 17:38
Date, time and analyst ID of latest file update: 15-Nov-2007 17:38 Automation

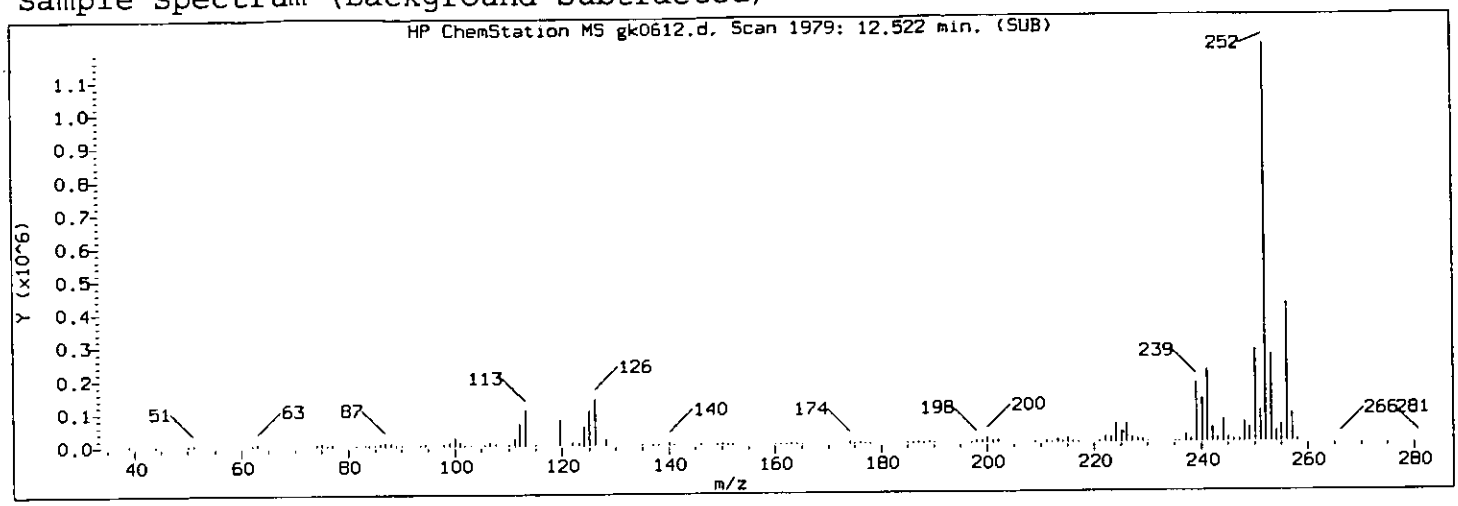
Sample Name: SSTD120 Lab Sample ID: STD3107

Compound Number	: 171
Compound Name	: Benzo(b)fluoranthene
Scan Number	: 1979
Retention Time (minutes)	: 12.522
Quant Ion	: 252
Area	: 6393792
Concentration (ng/ul)	: 161.6487
Integration start scan	: 1966 Integration stop scan: 1993
Y at integration start	: 0 Y at integration end: 2589

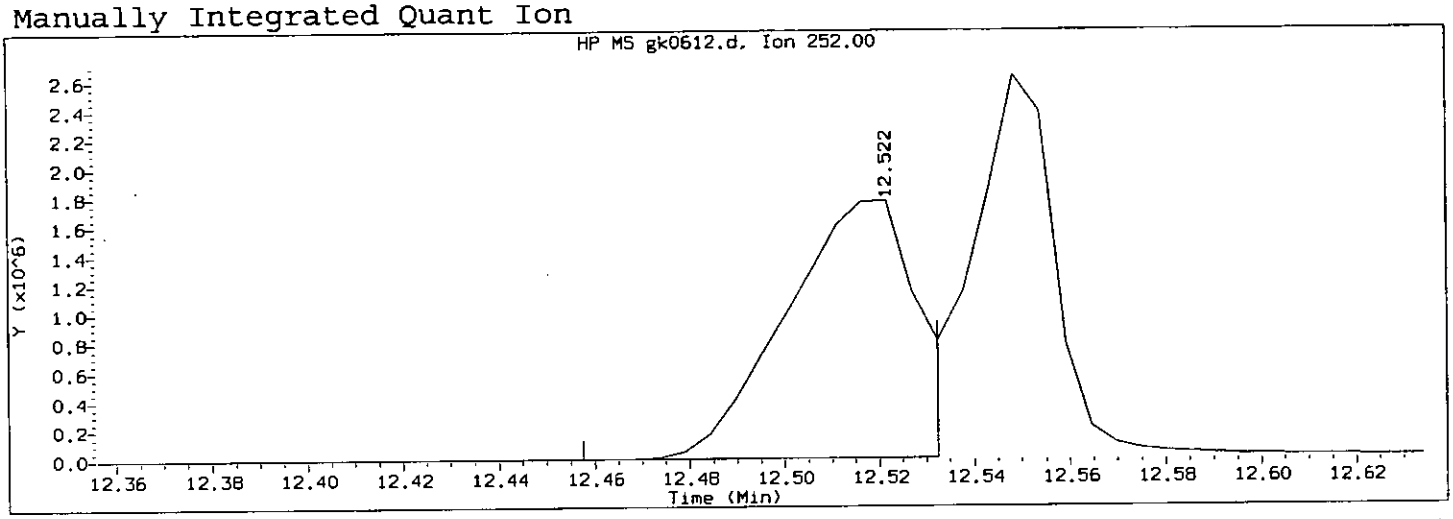
8473 11/15/7

Original Integration Report for data file /chem/HP11165.i/07nov15a.b/gk0612.d, generated on 11/15/2007 at 17:45

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP11165.i/07nov15a.b/gk0612.d Instrument ID: HP11165.i
Injection date and time: 15-NOV-2007 17:20 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07nov15a.b/minti.m Sublist used: all1
Calibration date and time: 15-NOV-2007 17:38
Date, time and analyst ID of latest file update: 15-Nov-2007 17:45 gjd01970

Sample Name: SSTD120 Lab Sample ID: STD3107

Compound Number : 171
Compound Name : Benzo(b)fluoranthene
Scan Number : 1979
Retention Time (minutes): 12.522
Quant Ion : 252
Area (flag) : 3429750 M
Concentration (ng/ul) : 126.0778
Integration start scan : 1966 Integration stop scan: 1980
Y at integration start : 0 Y at integration end: 1342

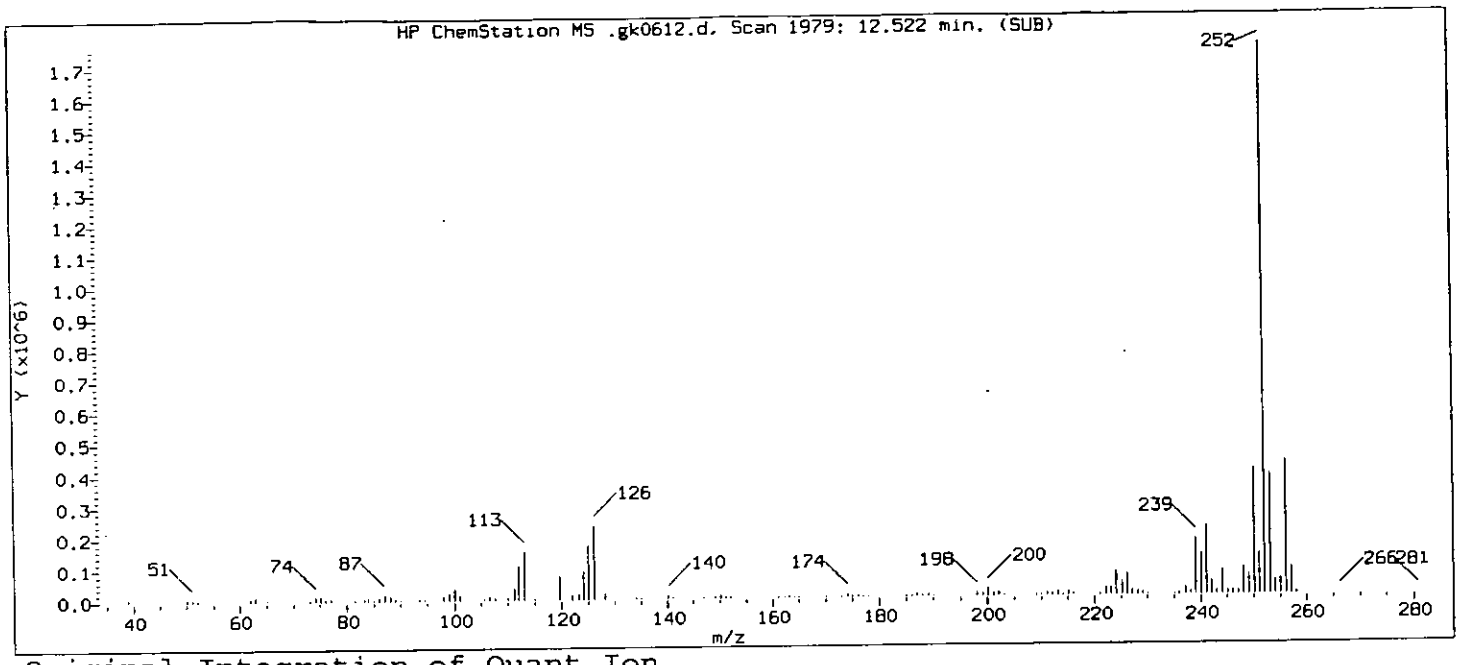
Reason for manual integration (circle one): missed peak improper integration

Analyst responsible for change: 1970 11/15/7

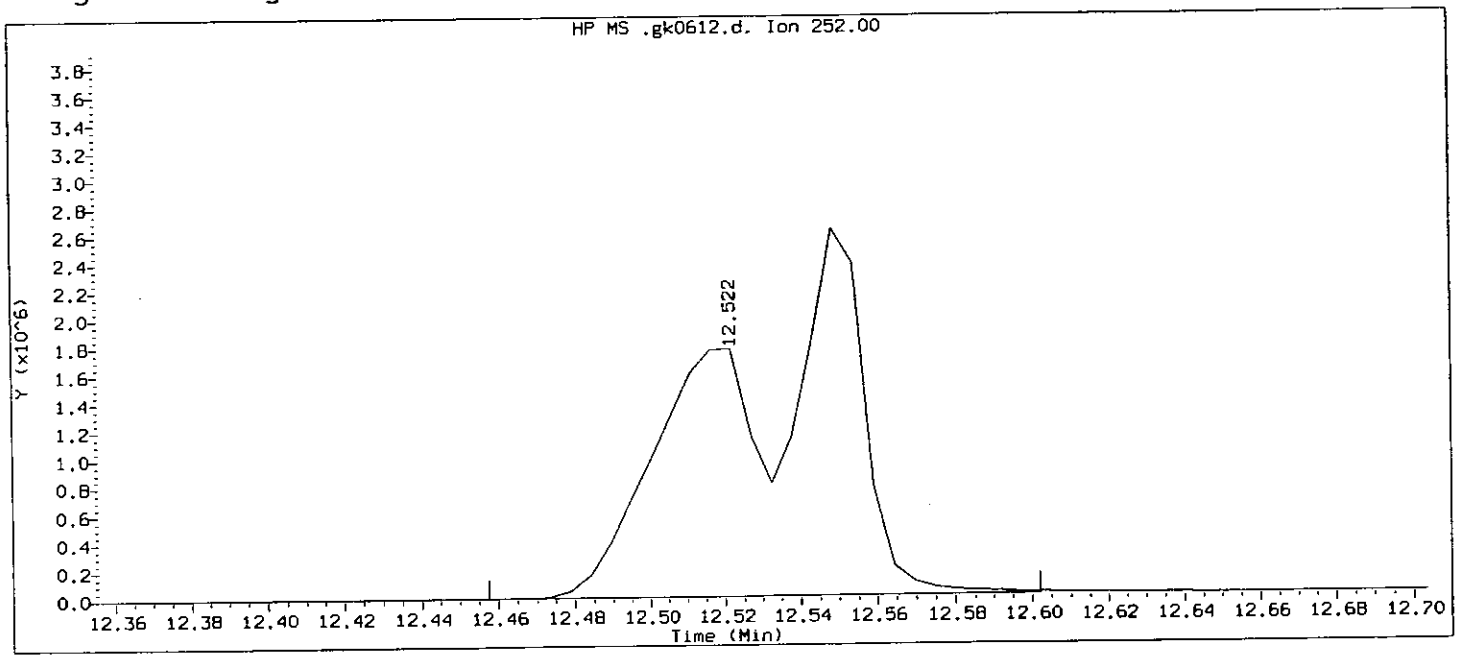
GC/MS audit/management approval: 8474 11/16/07

Manual Integration Report for data file /chem/HP11165.i/07nov15a.b/gk0612.d, generated on 11/15/2007 at 17:45

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP11165.i/07nov15a.b/gk0612.d Instrument ID: HP11165.i
Injection date and time: 15-NOV-2007 17:20 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07nov15a.b/minti.m Sublist used: all
Calibration date and time: 15-NOV-2007 17:38
Date, time and analyst ID of latest file update: 15-Nov-2007 17:38 Automation

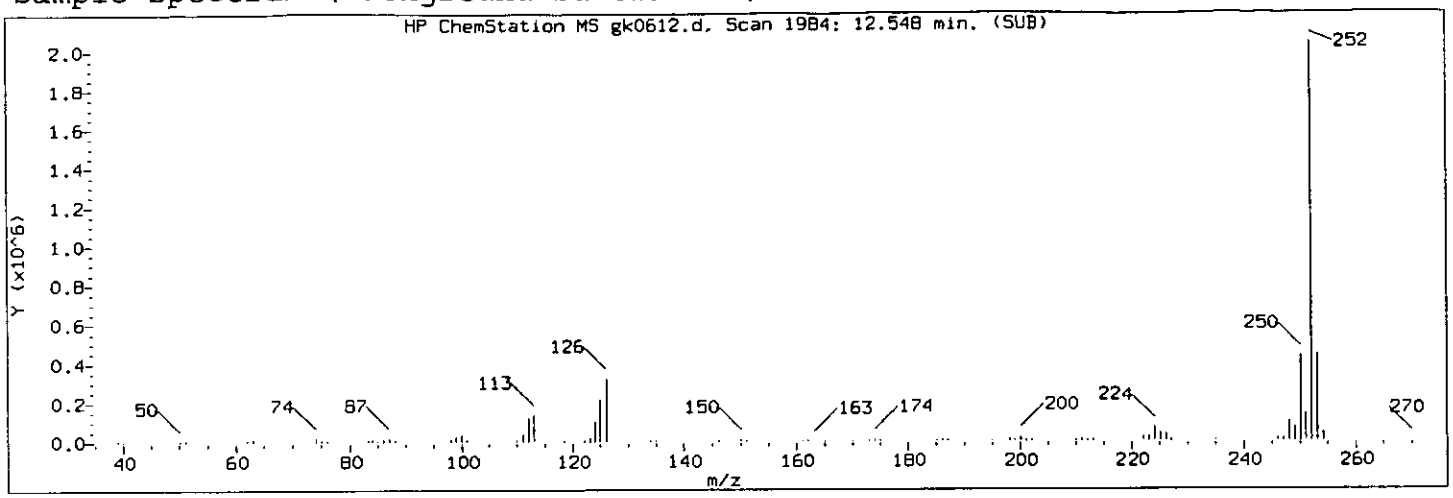
Sample Name: SSTD120 Lab Sample ID: STD3107

Compound Number	:	172
Compound Name	:	Benzo(k)fluoranthene
Scan Number	:	1979
Retention Time (minutes)	:	12.522
Quant Ion	:	252
Area	:	6393782
Concentration (ng/ul)	:	160.9320
Integration start scan	:	1966 Integration stop scan: 1993
Y at integration start	:	0 Y at integration end: 2592

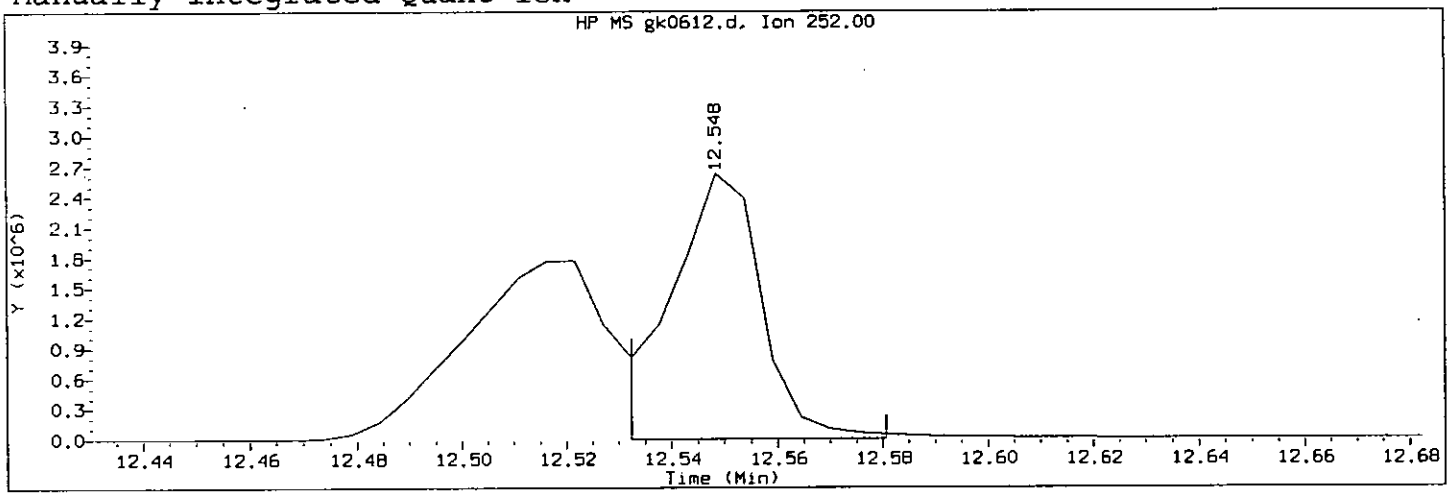
GJD 0475 11/15/07

Original Integration Report for data file /chem/HP11165.i/07nov15a.b/gk0612.d, generated on 11/15/2007 at 17:45

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP11165.i/07nov15a.b/gk0612.d Instrument ID: HP11165.i
Injection date and time: 15-NOV-2007 17:20 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07nov15a.b/minti.m Sublist used: all
Calibration date and time: 15-NOV-2007 17:38
Date, time and analyst ID of latest file update: 15-Nov-2007 17:45 gjd01970

Sample Name: SSTD120 Lab Sample ID: STD3107

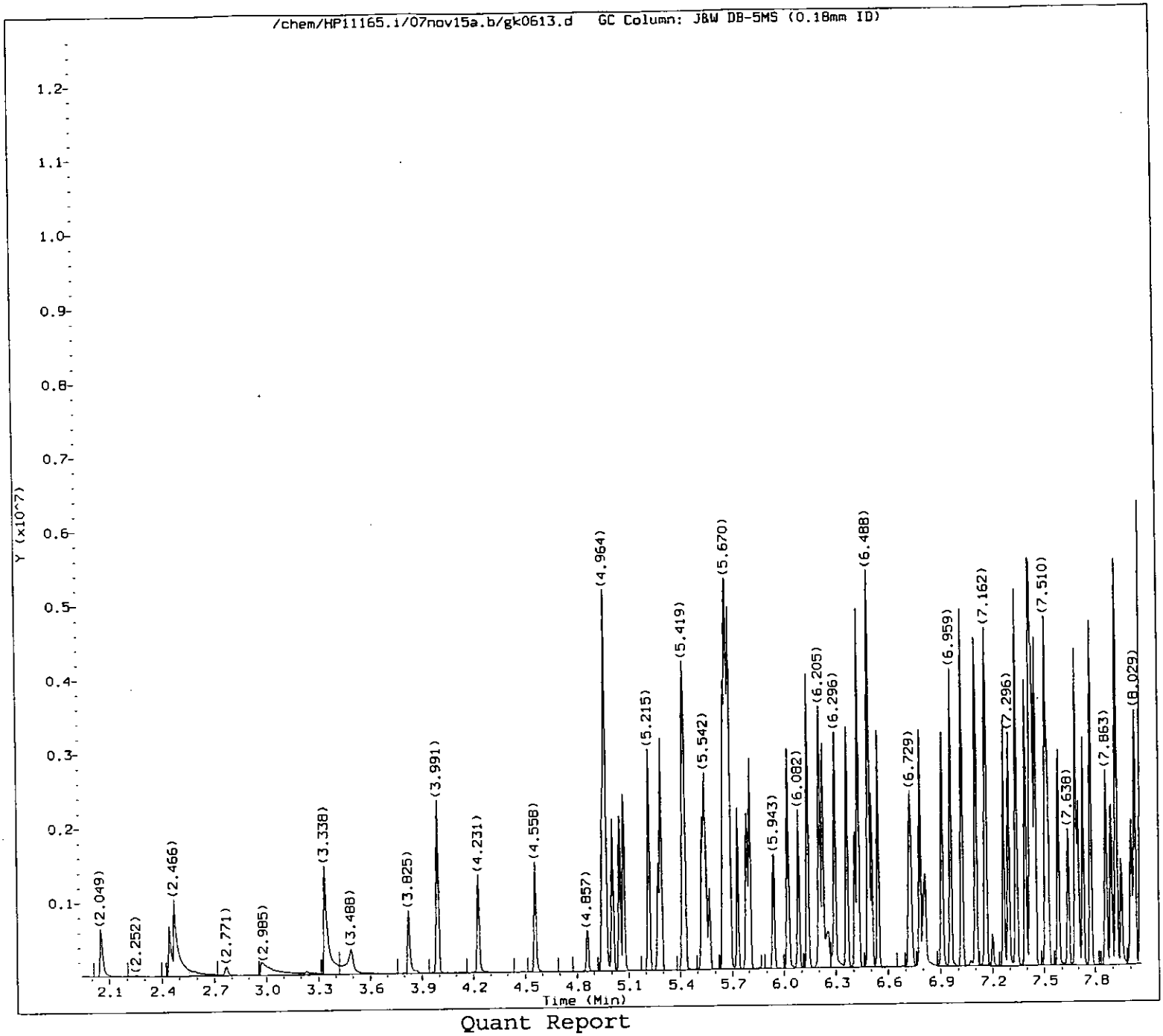
Compound Number	:	172
Compound Name	:	Benzo(k)fluoranthene
Scan Number	:	1984
Retention Time (minutes)	:	12.548
Quant Ion	:	252
Area (flag)	:	3194173 M
Concentration (ng/ul)	:	121.0007
Integration start scan	:	1980 Integration stop scan: 1989
Y at integration start	:	2703 Y at integration end: 2703

Reason for manual integration (circle one): missed peak improper integration

Analyst responsible for change: 1476 11/15/07

GC/MS audit/management approval: 1476 11/16/07

Manual Integration Report for data file /chem/HP11165.i/07nov15a.b/gk0612.d, generated on 11/15/2007 at 17:45



Quant Report

Target Revision 3.5

Data File: /chem/HP11165.i/07nov15a.b/gk0613.d
Injection date and time: 15-NOV-2007 17:45

Instrument ID: HP11165.i
Analyst ID: gjd01970

Method used: /chem/HP11165.i/07nov15a.b/minti.m
Calibration date and time: 15-NOV-2007 19:06

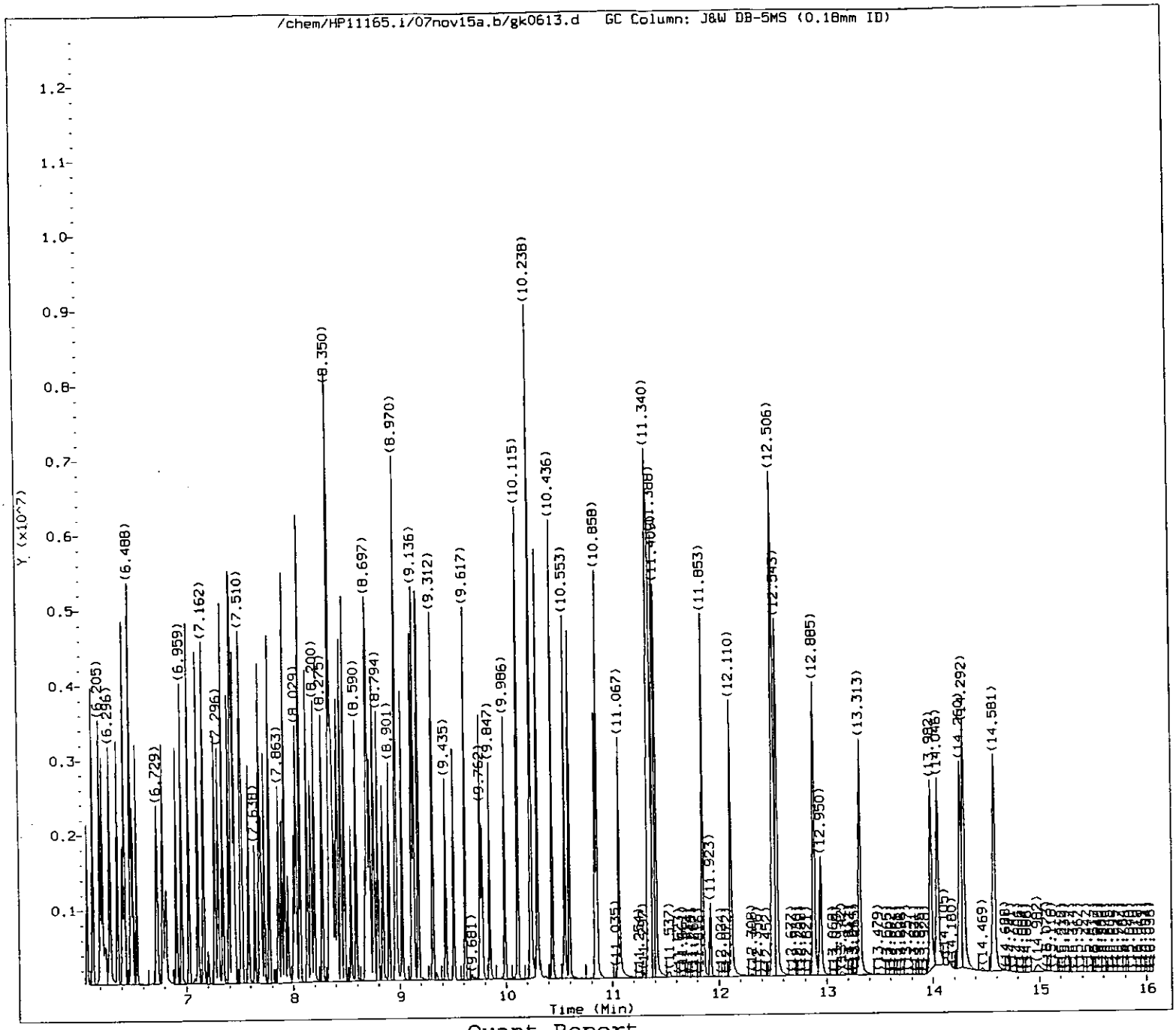
Sublist used: all1

Date, time and analyst ID of latest file update: 15-Nov-2007 19:06 gjd01970

Sample Name: SSTD080

Lab Sample ID: STD3107

0477
GD/TW
11/15/17



Quant Report

Target Revision 3.5

Data File: /chem/HP11165.i/07nov15a.b/gk0613.d
Injection date and time: 15-NOV-2007 17:45
Instrument ID: HP11165.i
Analyst ID: gjd01970

Method used: /chem/HP11165.i/07nov15a.b/minti.m
Calibration date and time: 15-NOV-2007 19:06
Sublist used: all1

Date, time and analyst ID of latest file update: 15-Nov-2007 19:06 gjd01970

Sample Name: SSTD080
Lab Sample ID: STD3107

11/15/07

Quant Report

Target Revision 3.5

Data File: /chem/HP11165.i/07nov15a.b/gk0613.d Instrument ID: HP11165.i
Injection date and time: 15-NOV-2007 17:45 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07nov15a.b/minti.m Sublist used: all1
Calibration date and time: 15-NOV-2007 19:06
Date, time and analyst ID of latest file update: 15-Nov-2007 19:06 gjd01970

Sample Name: SSTD080 Lab Sample ID: STD3107

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
1) 1,4-Dioxane	(1)	2.049	88	298986	82.225
2) N-Nitrosodimethylamine	(1)	2.439	74	399405	89.827
3) Pyridine	(1)	2.466	79	765457	108.185
5) 2-Picoline	(1)	3.338	93	721174	86.018
6) N-Nitrosomethylethylamine	(1)	3.488	88	332781	80.193
7) Methyl methanesulfonate	(1)	3.825	80	302053	80.588
10) N-Nitrosodiethylamine	(1)	4.231	102	319434	80.969
11) Ethyl methanesulfonate	(1)	4.558	109	282167	81.288
13) Aniline	(1)	4.969	93	1054767	80.588
16) Phenol	(1)	4.964	94	917079	82.054
17) Pentachloroethane	(1)	5.007	167	171864	81.358
18) bis(2-Chloroethyl)ether	(1)	5.050	93	660991	83.135
19) 2-Chlorophenol	(1)	5.071	128	497278	81.673
20) 1,3-Dichlorobenzene	(1)	5.215	146	484834	79.840
21) 1,4-Dichlorobenzene-d4	(1)	5.274	152	157109	40.000
22) 1,4-Dichlorobenzene	(1)	5.290	146	505601	81.417
24) Benzyl alcohol	(1)	5.413	108	412393	81.487
25) 1,2-Dichlorobenzene	(1)	5.424	146	467860	79.889
26) 2-Methylphenol	(1)	5.526	108	601456	82.658
27) 2,2'-oxybis(1-Chloropropane)	(1)	5.547	45	764727	81.470
28) bis(2-Chloroisopropyl)ether	(1)	5.547	45	764727	81.470
29) N-Nitrosopyrrolidine	(1)	5.649	100	336622	84.050
30) Acetophenone	(1)	5.654	105	810311	79.504
31) N-Nitroso-di-n-propylamine	(1)	5.670	70	535458	82.509
32) N-Nitrosomorpholine	(1)	5.681	56	351714	81.593
33) 4-Methylphenol	(1)	5.665	108	672775	84.425
34) o-Toluidine	(1)	5.686	106	995052	80.951
37) Hexachloroethane	(1)	5.734	117	218851	82.657
39) Nitrobenzene	(2)	5.804	77	759760	82.346
40) N-Nitrosopiperidine	(2)	5.943	114	284069	81.338
41) Isophorone	(2)	6.023	82	1308675	82.063
42) 2-Nitrophenol	(2)	6.082	139	251438	83.820
44) 2,4-Dimethylphenol	(2)	6.135	107	634403	82.103
45) O,O,O-triethylphosphorothioate	(2)	6.205	198	254758	80.919
46) bis(2-Chloroethoxy)methane	(2)	6.226	93	754567	81.557
47) Benzoic acid	(2)	6.253	105	489928	89.850
49) 2,4-Dichlorophenol	(2)	6.296	162	413882	82.687
50) 1,2,4-Trichlorobenzene	(2)	6.365	180	422068	82.325
52) Naphthalene-d8	(2)	6.413	136	637746	40.000
53) Naphthalene	(2)	6.430	128	1479698	81.437
55) 4-Chloroaniline	(2)	6.488	127	590838	81.746
56) 2,6-Dichlorophenol	(2)	6.488	162	389575	81.832
57) Hexachloropropene	(2)	6.504	213	284347	85.888

M = Compound was manually integrated. A = User selected an alternate hit

Quant Report

Target Revision 3.5

Data File: /chem/HP11165.i/07nov15a.b/gk0613.d Instrument ID: HP11165.i
Injection date and time: 15-NOV-2007 17:45 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07nov15a.b/minti.m Sublist used: all1
Calibration date and time: 15-NOV-2007 19:06
Date, time and analyst ID of latest file update: 15-Nov-2007 19:06 gjd01970

Sample Name: SSTD080 Lab Sample ID: STD3107

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
59) Hexachlorobutadiene	(2)	6.542	225	254658	82.064
62) Caprolactam	(2)	6.815	113	214162	83.296
63) N-Nitrosodi-n-butylamine	(2)	6.783	84	472292	69.344
67) 4-Chloro-3-methylphenol	(2)	6.911	107	562709	83.708
68) Safrole	(2)	6.959	162	387079	82.535
69) 2-Methylnaphthalene	(2)	7.023	142	950993	81.713
70) 1-Methylnaphthalene	(2)	7.103	142	939104	81.057
71) Hexachlorocyclopentadiene	(3)	7.157	237	239728	86.300
72) 1,2,4,5-Tetrachlorobenzene	(3)	7.162	216	463085	82.671
73) cis-Isosafrole	(3)	7.200	162	40647	9.232
74) 2,4,6-Trichlorophenol	(3)	7.264	196	308340	82.802
76) 2,4,5-Trichlorophenol	(3)	7.296	196	349581	82.285
78) trans-Isosafrole	(3)	7.392	162	420819	72.461
79) Isosafrole	(3)	7.392	162	420819	81.417
80) Biphenyl	(3)	7.419	154	1235256	81.623
81) Diphenyl	(3)	7.419	154	1235256	81.623
82) 1,1'-Biphenyl	(3)	7.419	154	1235256	81.623
83) 2-Chloronaphthalene	(3)	7.435	162	964180	64.659
87) Diphenyl ether	(3)	7.510	170	696800	81.942
88) 2-Nitroaniline	(3)	7.526	138	332167	83.744
89) 1,4-Naphthoquinone	(3)	7.585	158	356545	82.231
90) 1,4-Dinitrobenzene	(3)	7.644	168	183479	86.953
91) Dimethylphthalate	(3)	7.686	163	1049543	81.526
92) 1,3-Dinitrobenzene	(3)	7.703	168	204466	83.782
93) 2,6-Dinitrotoluene	(3)	7.729	165	244250	82.665
94) Acenaphthylene	(3)	7.777	152	1458579	81.819
96) 3-Nitroaniline	(3)	7.863	138	289198	81.538
97) Acenaphthene-d10	(3)	7.895	164	390872	40.000
98) Acenaphthene	(3)	7.922	153	956658	81.303
99) 2,4-Dinitrophenol	(3)	7.954	184	160610	89.573
100) Pentachlorobenzene	(3)	8.029	250	426506	81.807
102) 4-Nitrophenol	(3)	8.007	109	222833	87.089
103) Dibenzofuran	(3)	8.066	168	1401422	81.369
104) 2,4-Dinitrotoluene	(3)	8.061	165	321482	82.648
105) 1-Naphthylamine	(3)	8.130	143	957927	81.351
106) 2,3,4,6-Tetrachlorophenol	(3)	8.168	232	291164	83.281
107) 2-Naphthylamine	(3)	8.200	143	966798	80.874
108) Diethylphthalate	(3)	8.275	149	1087977	82.046
109) Thionazin	(3)	8.339	107	221412	84.057
110) Fluorene	(3)	8.344	166	1173079	81.463
111) 4-Chlorophenyl-phenylether	(3)	8.355	204	584125	82.031
112) 5-Nitro-o-toluidine	(3)	8.366	152	336808	81.227
113) 4-Nitroaniline	(3)	8.376	138	307971	80.507

M = Compound was manually integrated. A = User selected an alternate hit

Quant Report

Target Revision 3.5

Data File: /chem/HP11165.i/07nov15a.b/gk0613.d Instrument ID: HP11165.i
Injection date and time: 15-NOV-2007 17:45 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07nov15a.b/minti.m Sublist used: all1
Calibration date and time: 15-NOV-2007 19:06
Date, time and analyst ID of latest file update: 15-Nov-2007 19:06 gjd01970

Sample Name: SSTD080 Lab Sample ID: STD3107

	Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
114)	4,6-Dinitro-2-methylphenol	(4)	8.398	198	216959	90.397
115)	1-Nitronaphthalene	(4)	8.419	173	229139	83.400
116)	N-Nitrosodiphenylamine	(4)	8.451	169	853909	81.623
117)	1,2-Diphenylhydrazine	(4)	8.483	77	1648047	83.664
119)	Tetraethyldithiopyrophosphate	(4)	8.590	97	215549	83.009
120)	1,3,5-Trinitrobenzene	(4)	8.676	213	145604	91.927
121)	Diallate (peak 1)	(4)	8.692	86	514563	62.223
122)	Phorate	(4)	8.703	75	900713	83.365
123)	Phenacetin	(4)	8.724	108	694980	83.832
124)	4-Bromophenyl-phenylether	(4)	8.756	248	337184	82.386
125)	Diallate (peak 2)	(4)	8.762	86	163801	20.808
126)	Hexachlorobenzene	(4)	8.794	284	387300	83.336
127)	Dimethoate	(4)	8.842	87	461076	77.839
128)	Diallate TRANS/CIS	(4)	23.156	86	678364	83.029
130)	Pentachlorophenol	(4)	8.959	266	249827	88.522
131)	Pentachloronitrobenzene	(4)	8.970	237	142760	82.289
132)	4-Aminobiphenyl	(4)	8.970	169	1078517	82.764
133)	Pronamide	(4)	9.024	173	476932	84.028
134)	Phenanthrene-d10	(4)	9.120	188	755202	40.000
135)	Dinoseb	(4)	9.120	211	300937	93.800
136)	Phenanthrene	(4)	9.141	178	1665379	82.828
137)	Anthracene	(4)	9.184	178	1709777	82.886
139)	Carbazole	(4)	9.312	167	1670394	83.067
140)	Methyl parathion	(4)	9.435	109	347092	80.855
141)	Di-n-butylphthalate	(4)	9.617	149	1820175	83.414
142)	Parathion	(4)	9.756	109	259442	87.269
143)	4-Nitroquinoline-1-oxide	(4)	9.778	190	164643	100.405
144)	Methapyrilene	(4)	9.847	97	472551	75.513
145)	Isodrin	(4)	9.992	193	177623	83.677
146)	Fluoranthene	(4)	10.115	202	2051184	83.679
151)	Benzidine	(5)	10.238	184	3350057	247.624
153)	Pyrene	(5)	10.302	202	2115196	80.976
157)	p-Dimethylaminoazobenzene	(5)	10.553	225	460881	85.345
158)	Chlorobenzilate	(5)	10.596	139	554175	80.423
159)	3,3'-Dimethylbenzidine	(5)	10.837	212	1032334	86.023
160)	Butylbenzylphthalate	(5)	10.858	149	868383	81.915
161)	2-Acetylaminofluorene	(5)	11.067	181	737385	87.203
163)	3,3'-Dichlorobenzidine	(5)	11.334	252	789973	85.454
164)	4,4'-Methylenebis(2-Chloroanil	(5)	11.345	231	396449	85.159
165)	Benzo(a)anthracene	(5)	11.356	228	2176675	83.647
166)	Chrysene-d12	(5)	11.361	240	871054	40.000
167)	Chrysene	(5)	11.388	228	2124351	82.194
168)	bis(2-Ethylhexyl)phthalate	(5)	11.409	149	1160004	83.924

M = Compound was manually integrated. A = User selected an alternate hit

Quant Report

Target Revision 3.5

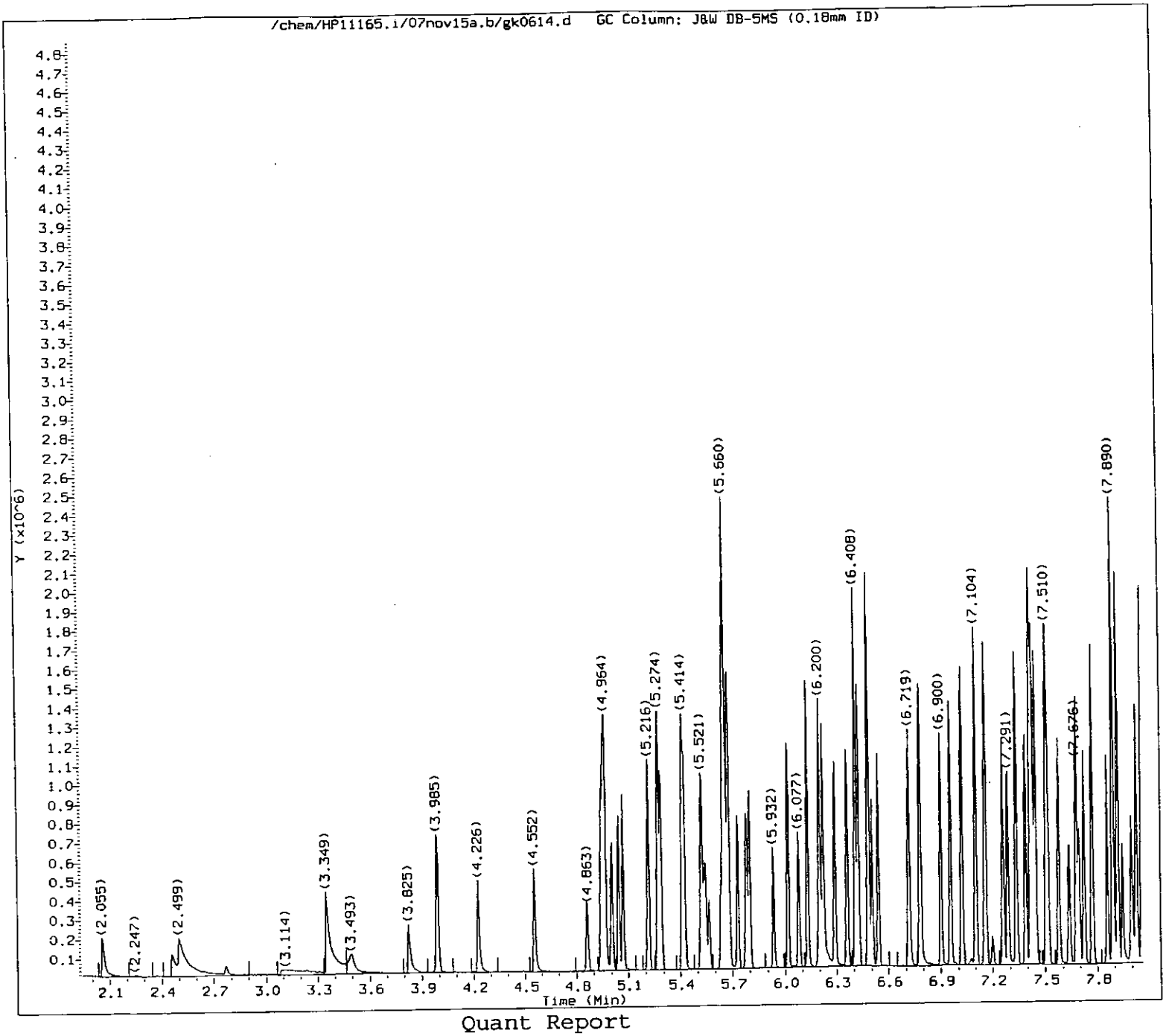
Data File: /chem/HP11165.i/07nov15a.b/gk0613.d Instrument ID: HP11165.i
Injection date and time: 15-NOV-2007 17:45 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07nov15a.b/minti.m Sublist used: all1
Calibration date and time: 15-NOV-2007 19:06
Date, time and analyst ID of latest file update: 15-Nov-2007 19:06 gjd01970

Sample Name: SSTD080 Lab Sample ID: STD3107

	Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
188)	6-Methylchrysene	(5)	11.853	242	1465922	84.975
169)	Di-n-octylphthalate	(6)	12.110	149	1835996	85.956
189)	Dibenz(a,h)acridine	(6)	13.982	279	1552390	87.147
190)	Dibenz(a,j)acridine	(6)	14.046	279	1736138	82.624
170)	7,12-Dimethylbenz[a]anthracene	(6)	12.506	256	1059069	85.596
171)	Benzo(b)fluoranthene	(6)	12.511	252	2174452	70.525
194)	Ronnel	(4)	9.510	285	432576	84.965
172)	Benzo(k)fluoranthene	(6)	12.543	252	2191120	69.808
173)	Benzo(a)pyrene	(6)	12.885	252	1959584	84.578
174)	Perylene-d12	(6)	12.950	264	655903	40.000
175)	3-Methylcholanthrene	(6)	13.313	268	1129241	85.805
176)	Indeno(1,2,3-cd)pyrene	(6)	14.260	276	2393689	84.064
177)	Dibenz(a,h)anthracene	(6)	14.292	278	1947918	84.711
178)	Benzo(g,h,i)perylene	(6)	14.581	276	2058367	84.683
84)	1-Chloronaphthalene	(3)	7.451	162	904170	67.717
9)	2-Fluorophenol	(1)	3.991	112	551346	80.972
14)	Phenol-d5	(1)	4.948	99	775072	81.036
15)	Phenol-d6	(1)	4.948	99	775072	81.036
38)	Nitrobenzene-d5	(2)	5.782	82	716439	81.996
77)	2-Fluorobiphenyl	(3)	7.339	172	1089975	82.370
118)	2,4,6-Tribromophenol	(3)	8.548	330	195984	84.936
155)	Terphenyl-d14	(5)	10.436	244	1565606	81.840

M = Compound was manually integrated. A = User selected an alternate hit



Quant Report

Target Revision 3.5

Data File: /chem/HP11165.i/07nov15a.b/gk0614.d
Injection date and time: 15-NOV-2007 18:09

Instrument ID: HP11165.i
Analyst ID: gjd01970

Method used: /chem/HP11165.i/07nov15a.b/minti.m
Calibration date and time: 15-NOV-2007 19:08

Sublist used: all

Date, time and analyst ID of latest file update: 15-Nov-2007 19:08 gjd01970

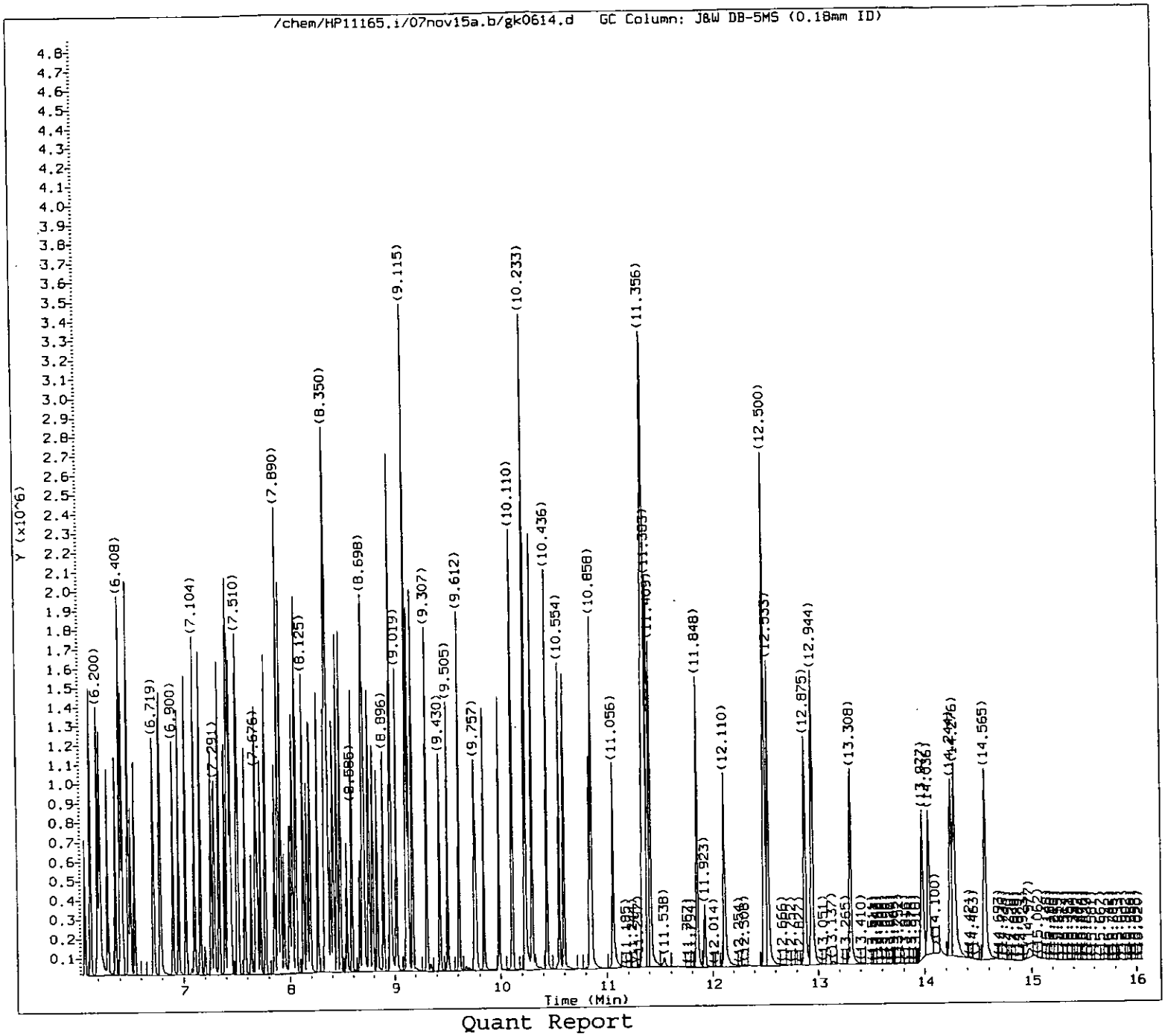
Sample Name: SSTD030

Lab Sample ID: STD3107

8483

GD 11/7

11/15/07



Quant Report

Target Revision 3.5

Data File: /chem/HP11165.i/07nov15a.b/gk0614.d
Injection date and time: 15-NOV-2007 18:09

Instrument ID: HP11165.i
Analyst ID: gjd01970

Method used: /chem/HP11165.i/07nov15a.b/minti.m
Calibration date and time: 15-NOV-2007 19:08

Sublist used: all1

Date, time and analyst ID of latest file update: 15-Nov-2007 19:08 gjd01970

Sample Name: SSTD030

Lab Sample ID: STD3107

BGB 11/15/07

11/15/07

Quant Report

Target Revision 3.5

Data File: /chem/HP11165.i/07nov15a.b/gk0614.d Instrument ID: HP11165.i
Injection date and time: 15-NOV-2007 18:09 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07nov15a.b/minti.m Sublist used: all1
Calibration date and time: 15-NOV-2007 19:08
Date, time and analyst ID of latest file update: 15-Nov-2007 19:08 gjd01970

Sample Name: SSTD030 Lab Sample ID: STD3107

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
1) 1,4-Dioxane	(1)	2.055	88	102410	29.331
2) N-Nitrosodimethylamine	(1)	2.456	74	119385	27.963
3) Pyridine	(1)	2.499	79	213332	31.401
5) 2-Picoline	(1)	3.349	93	235908	29.304
6) N-Nitrosomethylethylamine	(1)	3.499	88	118815	29.819
7) Methyl methanesulfonate	(1)	3.825	80	103885	28.865
10) N-Nitrosodiethylamine	(1)	4.226	102	112489	29.695
11) Ethyl methanesulfonate	(1)	4.552	109	99341	29.805
13) Aniline	(1)	4.964	93	372910	29.673
16) Phenol	(1)	4.954	94	314831	29.337
17) Pentachloroethane	(1)	5.007	167	59933	29.547
18) bis(2-Chloroethyl)ether	(1)	5.044	93	224193	29.366
19) 2-Chlorophenol	(1)	5.071	128	171389	29.316
20) 1,3-Dichlorobenzene	(1)	5.216	146	174136	29.865
21) 1,4-Dichlorobenzene-d4	(1)	5.274	152	150856	40.000
22) 1,4-Dichlorobenzene	(1)	5.291	146	173982	29.178
24) Benzyl alcohol	(1)	5.414	108	150983	31.070
25) 1,2-Dichlorobenzene	(1)	5.424	146	167961	29.869
26) 2-Methylphenol	(1)	5.521	108	203276	29.094
27) 2,2'-oxybis(1-Chloropropane)	(1)	5.542	45	271416	30.114
28) bis(2-Chloroisopropyl)ether	(1)	5.542	45	271416	30.114
29) N-Nitrosopyrrolidine	(1)	5.633	100	112554	29.268
30) Acetophenone	(1)	5.649	105	292717	29.911
31) N-Nitroso-di-n-propylamine	(1)	5.660	70	183481	29.445
32) N-Nitrosomorpholine	(1)	5.670	56	125877	30.412
33) 4-Methylphenol	(1)	5.660	108	207292	27.091
34) o-Toluidine	(1)	5.681	106	352447	29.861
37) Hexachloroethane	(1)	5.729	117	74883	29.455
39) Nitrobenzene	(2)	5.799	77	262790	28.903
40) N-Nitrosopiperidine	(2)	5.932	114	100729	29.267
41) Isophorone	(2)	6.013	82	450695	28.679
42) 2-Nitrophenol	(2)	6.077	139	85753	29.009
44) 2,4-Dimethylphenol	(2)	6.130	107	220332	28.936
45) O,O,O-triethylphosphorothioate	(2)	6.200	198	91497	29.491
46) bis(2-Chloroethoxy)methane	(2)	6.221	93	267589	29.349
47) Benzoic acid	(2)	6.227	105	198956	37.026
49) 2,4-Dichlorophenol	(2)	6.291	162	139837	28.349
50) 1,2,4-Trichlorobenzene	(2)	6.360	180	146029	28.903
52) Naphthalene-d8	(2)	6.408	136	628474	40.000
53) Naphthalene	(2)	6.430	128	514024	28.707
55) 4-Chloroaniline	(2)	6.483	127	204588	28.723
56) 2,6-Dichlorophenol	(2)	6.483	162	138654	29.554
57) Hexachloropropene	(2)	6.505	213	92575	28.375

M = Compound was manually integrated. A = User selected an alternate hit

Quant Report

Target Revision 3.5

Data File: /chem/HP11165.i/07nov15a.b/gk0614.d Instrument ID: HP11165.i
Injection date and time: 15-NOV-2007 18:09 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07nov15a.b/minti.m Sublist used: all1
Calibration date and time: 15-NOV-2007 19:08
Date, time and analyst ID of latest file update: 15-Nov-2007 19:08 gjd01970

Sample Name: SSTD030 Lab Sample ID: STD3107

	Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
59)	Hexachlorobutadiene	(2)	6.542	225	87210	28.518
62)	Caprolactam	(2)	6.788	113	74010	29.210
63)	N-Nitrosodi-n-butylamine	(2)	6.783	84	217737	32.441
67)	4-Chloro-3-methylphenol	(2)	6.900	107	189717	28.639
68)	Safrole	(2)	6.954	162	133178	28.816
69)	2-Methylnaphthalene	(2)	7.023	142	334100	29.131
70)	1-Methylnaphthalene	(2)	7.104	142	332316	29.106
71)	Hexachlorocyclopentadiene	(3)	7.157	237	73780	27.341
72)	1,2,4,5-Tetrachlorobenzene	(3)	7.163	216	160512	29.497
73)	cis-Isosafrole	(3)	7.200	162	13806	3.228
74)	2,4,6-Trichlorophenol	(3)	7.259	196	105775	29.240
76)	2,4,5-Trichlorophenol	(3)	7.291	196	119281	28.902
78)	trans-Isosafrole	(3)	7.393	162	149340	26.471
79)	Isosafrole	(3)	7.393	162	149340	29.742
80)	Biphenyl	(3)	7.419	154	432922	29.448
81)	Diphenyl	(3)	7.419	154	432922	29.448
82)	1,1'-Biphenyl	(3)	7.419	154	432922	29.448
83)	2-Chloronaphthalene	(3)	7.430	162	424885M	32.766
87)	Diphenyl ether	(3)	7.510	170	242939	29.409
88)	2-Nitroaniline	(3)	7.516	138	112911	29.303
89)	1,4-Naphthoquinone	(3)	7.580	158	127002	30.152
90)	1,4-Dinitrobenzene	(3)	7.639	168	59354	28.956
91)	Dimethylphthalate	(3)	7.681	163	369717	29.563
92)	1,3-Dinitrobenzene	(3)	7.697	168	70318	29.661
93)	2,6-Dinitrotoluene	(3)	7.724	165	84027	29.274
94)	Acenaphthylene	(3)	7.772	152	511210	29.519
96)	3-Nitroaniline	(3)	7.858	138	100809	29.258
97)	Acenaphthene-d10	(3)	7.890	164	379711	40.000
98)	Acenaphthene	(3)	7.917	153	333710	29.195
99)	2,4-Dinitrophenol	(3)	7.943	184	63554	36.486
100)	Pentachlorobenzene	(3)	8.024	250	148303	29.282
102)	4-Nitrophenol	(3)	7.997	109	65757	26.455
103)	Dibenzofuran	(3)	8.061	168	484584	28.963
104)	2,4-Dinitrotoluene	(3)	8.056	165	110072	29.130
105)	1-Naphthylamine	(3)	8.125	143	347486	30.377
106)	2,3,4,6-Tetrachlorophenol	(3)	8.163	232	98210	28.916
107)	2-Naphthylamine	(3)	8.195	143	351811	30.294
108)	Diethylphthalate	(3)	8.264	149	377319	29.291
109)	Thionazin	(3)	8.329	107	75832	29.635
110)	Fluorene	(3)	8.345	166	412356	29.477
111)	4-Chlorophenyl-phenylether	(3)	8.350	204	196053	28.342
112)	5-Nitro-o-toluidine	(3)	8.355	152	119021	29.548
113)	4-Nitroaniline	(3)	8.361	138	112625	30.307

M = Compound was manually integrated. A = User selected an alternate hit

Quant Report

Target Revision 3.5

Data File: /chem/HP11165.i/07nov15a.b/gk0614.d Instrument ID: HP11165.i
Injection date and time: 15-NOV-2007 18:09 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07nov15a.b/minti.m Sublist used: all1
Calibration date and time: 15-NOV-2007 19:08
Date, time and analyst ID of latest file update: 15-Nov-2007 19:08 gjd01970

Sample Name: SSTD030 Lab Sample ID: STD3107

	Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
114)	4,6-Dinitro-2-methylphenol	(4)	8.387	198	65947	27.597
115)	1-Nitronaphthalene	(4)	8.414	173	79308	28.992
116)	N-Nitrosodiphenylamine	(4)	8.446	169	304866	29.269
117)	1,2-Diphenylhydrazine	(4)	8.478	77	572455	29.188
119)	Tetraethyldithiopyrophosphate	(4)	8.591	97	75896	29.356
120)	1,3,5-Trinitrobenzene	(4)	8.666	213	43125	27.346
121)	Diallate (peak 1)	(4)	8.692	86	178436	21.671
122)	Phorate	(4)	8.698	75	310751	28.887
123)	Phenacetin	(4)	8.708	108	242084	29.329
124)	4-Bromophenyl-phenylether	(4)	8.751	248	117244	28.772
125)	Diallate (peak 2)	(4)	8.762	86	56883	7.258
126)	Hexachlorobenzene	(4)	8.794	284	133470	28.844
127)	Dimethoate	(4)	8.831	87	182264	30.904
128)	Diallate TRANS/CIS	(4)	23.156	86	235319	28.928
130)	Pentachlorophenol	(4)	8.960	266	101436	36.099
131)	Pentachloronitrobenzene	(4)	8.965	237	49280	28.530
132)	4-Aminobiphenyl	(4)	8.965	169	382212	29.459
133)	Pronamide	(4)	9.019	173	160510	28.403
134)	Phenanthrene-d10	(4)	9.115	188	751915	40.000
135)	Dinoseb	(4)	9.115	211	84092	26.326
136)	Phenanthrene	(4)	9.136	178	578797	28.912
137)	Anthracene	(4)	9.174	178	594874	28.964
139)	Carbazole	(4)	9.307	167	582571	29.097
140)	Methyl parathion	(4)	9.430	109	129830	30.376
141)	Di-n-butylphthalate	(4)	9.612	149	630210	29.007
142)	Parathion	(4)	9.751	109	85937	29.033
143)	4-Nitroquinoline-1-oxide	(4)	9.773	190	43467	26.624
144)	Methapyrilene	(4)	9.842	97	199086	31.953
145)	Isodrin	(4)	9.987	193	61116	28.917
146)	Fluoranthene	(4)	10.110	202	704440	28.864
151)	Benzidine	(5)	10.233	184	1150918	88.022
153)	Pyrene	(5)	10.297	202	725418	28.734
157)	p-Dimethylaminoazobenzene	(5)	10.554	225	143981	27.587
158)	Chlorobenzilate	(5)	10.596	139	195679	29.382
159)	3,3'-Dimethylbenzidine	(5)	10.837	212	328743	28.344
160)	Butylbenzylphthalate	(5)	10.858	149	296337	28.923
161)	2-Acetylaminofluorene	(5)	11.056	181	236246	28.907
163)	3,3'-Dichlorobenzidine	(5)	11.334	252	249420	27.916
164)	4,4'-Methylenebis(2-Chloroanil	(5)	11.340	231	123225	27.387
165)	Benzo(a)anthracene	(5)	11.351	228	711632	28.296
166)	Chrysene-d12	(5)	11.361	240	841855	40.000
167)	Chrysene	(5)	11.388	228	720767	28.855
168)	bis(2-Ethylhexyl)phthalate	(5)	11.409	149	376571	28.189

M = Compound was manually integrated. A = User selected an alternate hit

Quant Report

Target Revision 3.5

Data File: /chem/HP11165.i/07nov15a.b/gk0614.d Instrument ID: HP11165.i
Injection date and time: 15-NOV-2007 18:09 Analyst ID: gjd01970

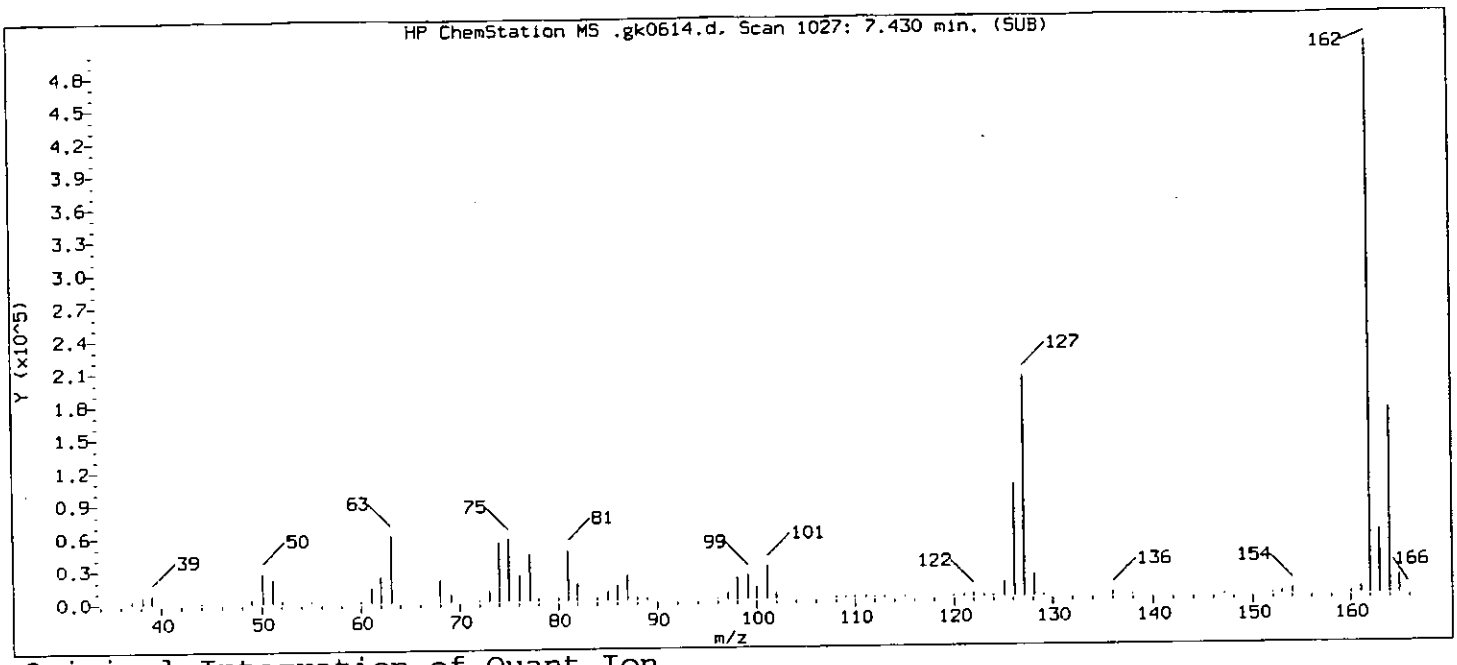
Method used: /chem/HP11165.i/07nov15a.b/minti.m Sublist used: all1
Calibration date and time: 15-NOV-2007 19:08
Date, time and analyst ID of latest file update: 15-Nov-2007 19:08 gjd01970

Sample Name: SSTD030 Lab Sample ID: STD3107

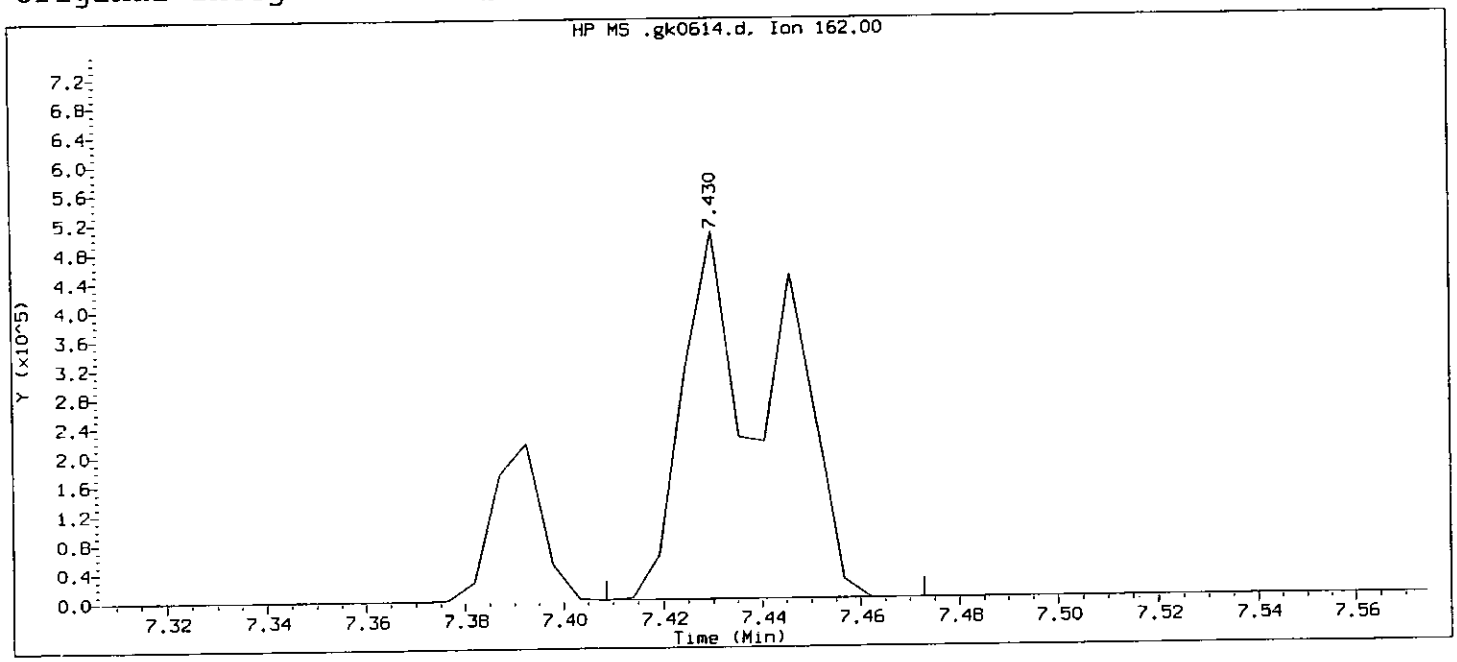
Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
188) 6-Methylchrysene	(5)	11.848	242	470533	28.221
169) Di-n-octylphthalate	(6)	12.110	149	562414	27.497
189) Dibenz(a,h)acridine	(6)	13.977	279	463600	27.178
190) Dibenz(a,j)acridine	(6)	14.036	279	575977	28.626
170) 7,12-Dimethylbenz[a]anthracene	(6)	12.500	256	326024	27.517
171) Benzo(b)fluoranthene	(6)	12.500	252	694203M	27.919
194) Ronnel	(4)	9.505	285	147857	29.169
172) Benzo(k)fluoranthene	(6)	12.533	252	730235M	28.483
173) Benzo(a)pyrene	(6)	12.880	252	619733	27.933
174) Perylene-d12	(6)	12.944	264	628080	40.000
175) 3-Methylcholanthrene	(6)	13.308	268	345377	27.406
176) Indeno(1,2,3-cd)pyrene	(6)	14.249	276	788790	28.929
177) Dibenz(a,h)anthracene	(6)	14.282	278	625371	28.401
178) Benzo(g,h,i)perylene	(6)	14.565	276	660453	28.375
84) 1-Chloronaphthalene	(3)	7.446	162	296107M	27.951
9) 2-Fluorophenol	(1)	3.991	112	191874	29.347
14) Phenol-d5	(1)	4.943	99	273544	29.785
15) Phenol-d6	(1)	4.943	99	273544	29.785
38) Nitrobenzene-d5	(2)	5.777	82	247385	28.731
77) 2-Fluorobiphenyl	(3)	7.334	172	375108	29.180
118) 2,4,6-Tribromophenol	(3)	8.543	330	63140	28.168
155) Terphenyl-d14	(5)	10.436	244	526062	28.453

M = Compound was manually integrated. A = User selected an alternate hit

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP11165.i/07nov15a.b/gk0614.d Instrument ID: HP11165.i
Injection date and time: 15-NOV-2007 18:09 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07nov15a.b/minti.m Sublist used: all
Calibration date and time: 15-NOV-2007 18:27
Date, time and analyst ID of latest file update: 15-Nov-2007 18:27 Automation

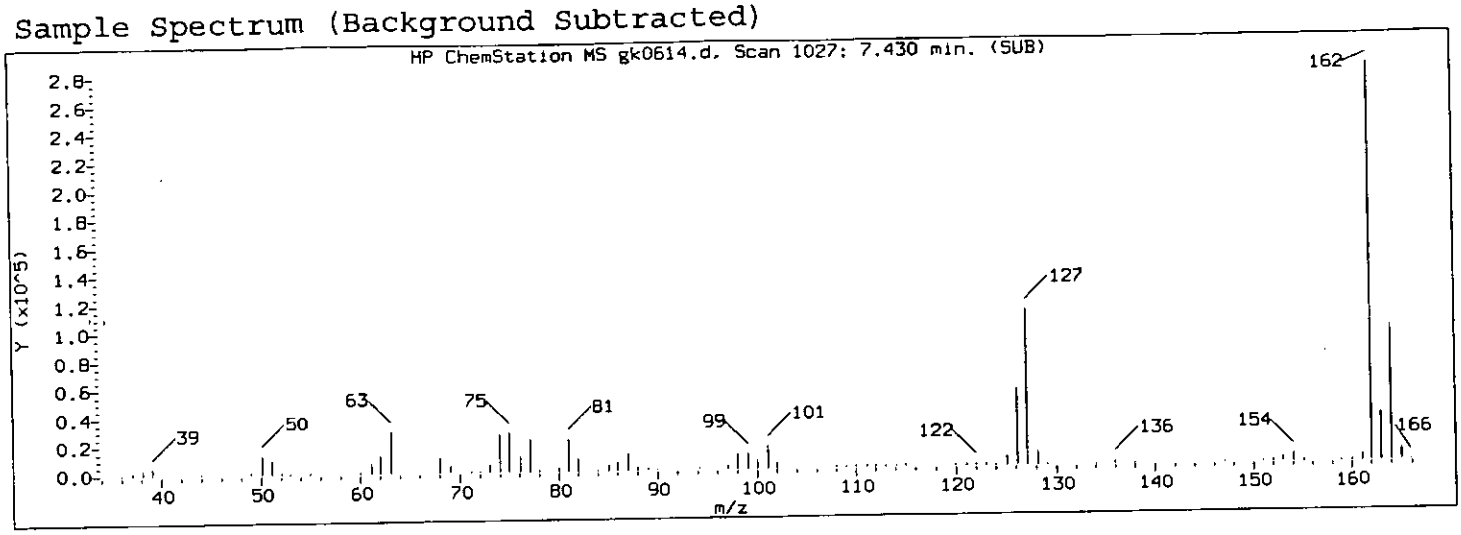
Sample Name: SSTD030 Lab Sample ID: STD3107

Compound Number : 83
Compound Name : 2-Chloronaphthalene
Scan Number : 1027
Retention Time (minutes): 7.430
Quant Ion : 162
Area : 652697
Concentration (ng/ul) : 42.7314
Integration start scan : 1022 Integration stop scan: 1034
Y at integration start : 35 Y at integration end: 27

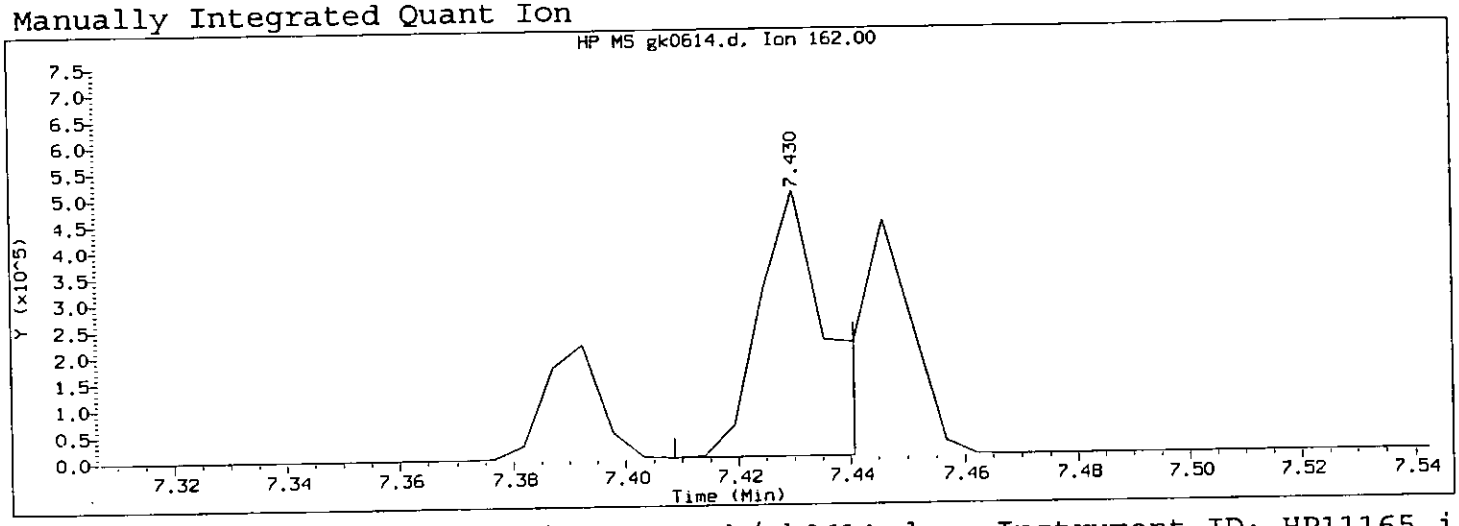
GB1476
11/15/07

Original Integration Report for data file /chem/HP11165.i/07nov15a.b/gk0614.d, generated on 11/15/2007 at 19:08

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP11165.i/07nov15a.b/gk0614.d Instrument ID: HP11165.i
Injection date and time: 15-NOV-2007 18:09 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07nov15a.b/minti.m Sublist used: all1
Calibration date and time: 15-NOV-2007 19:08
Date, time and analyst ID of latest file update: 15-Nov-2007 19:08 gjd01970

Sample Name: SSTD030 Lab Sample ID: STD3107

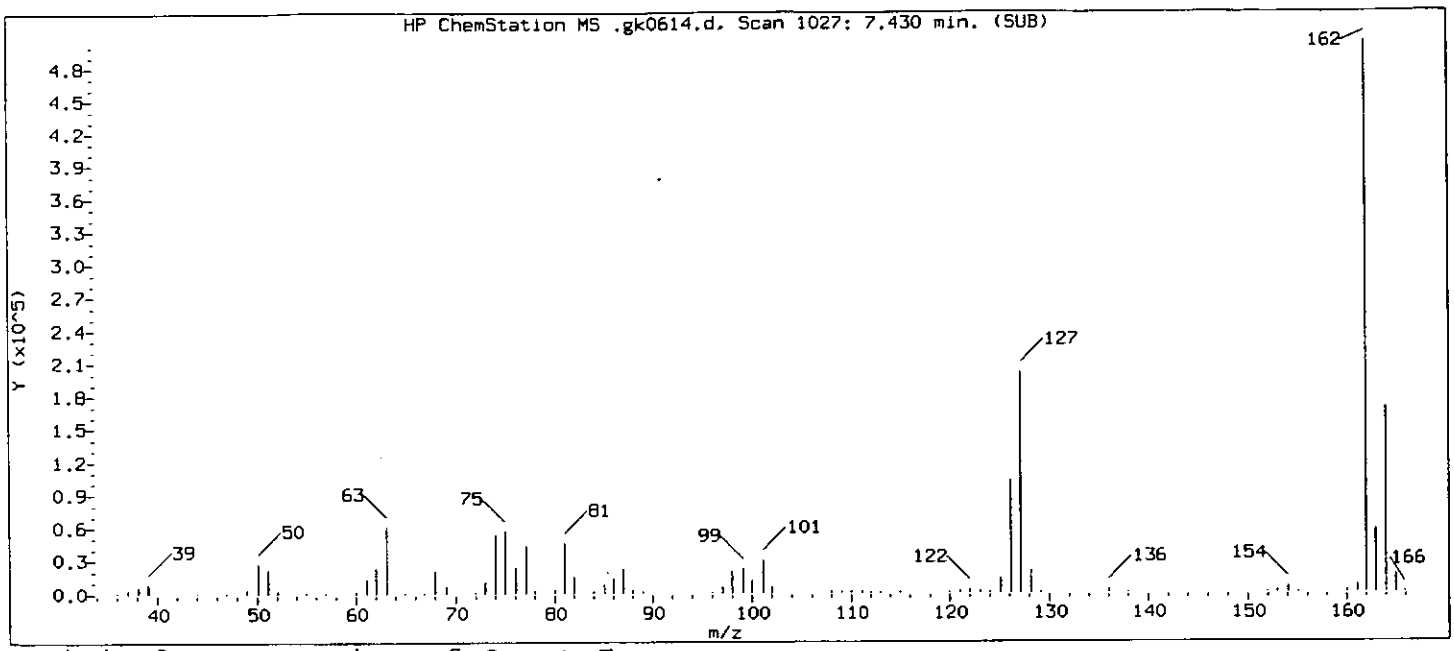
Compound Number	:	83
Compound Name	:	2-Chloronaphthalene
Scan Number	:	1027
Retention Time (minutes)	:	7.430
Quant Ion	:	162
Area (flag)	:	424885 M
Concentration (ng/ul)	:	32.7663
Integration start scan	:	1022 Integration stop scan: 1028
Y at integration start	:	35 Y at integration end: 31

Reason for manual integration (circle one): missed peak improper integration

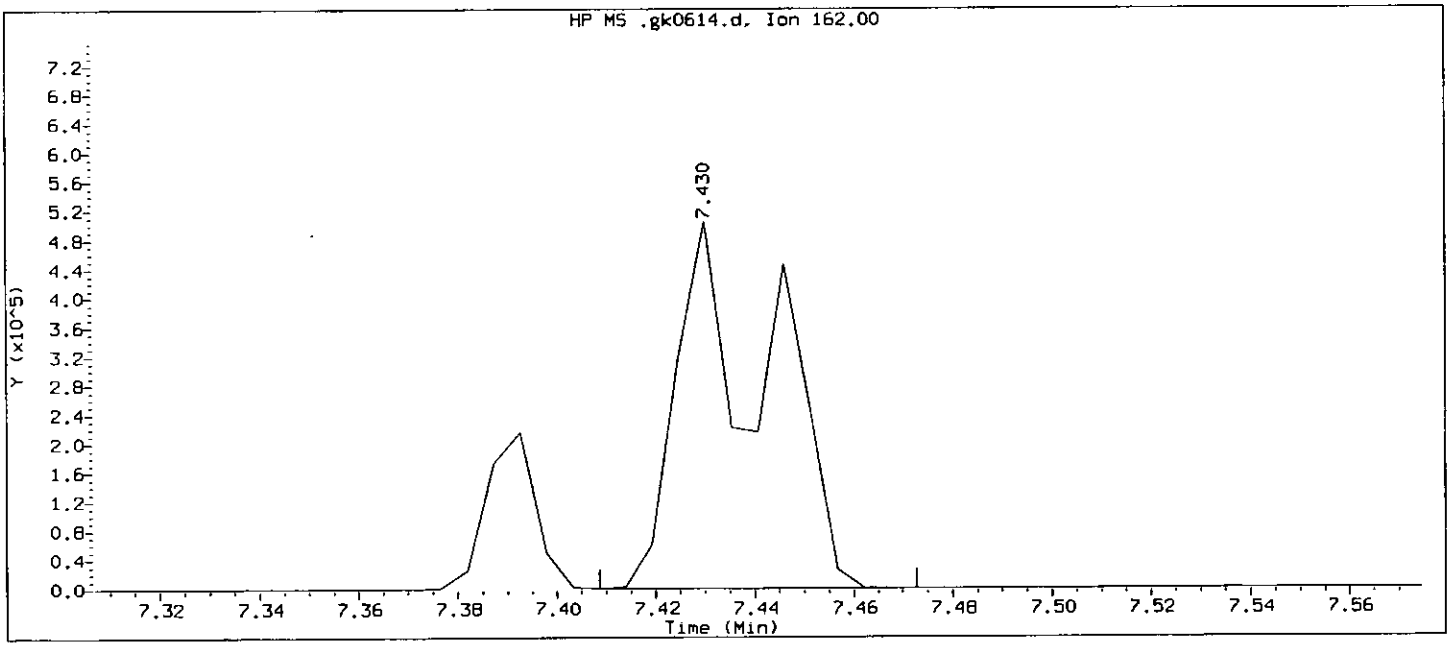
Analyst responsible for change: 1970 11/15/07

GC/MS audit/management approval: 8498 11/16/07

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP11165.i/07nov15a.b/gk0614.d Instrument ID: HP11165.i
Injection date and time: 15-NOV-2007 18:09 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07nov15a.b/minti.m Sublist used: all1
Calibration date and time: 15-NOV-2007 18:27
Date, time and analyst ID of latest file update: 15-Nov-2007 18:27 Automation

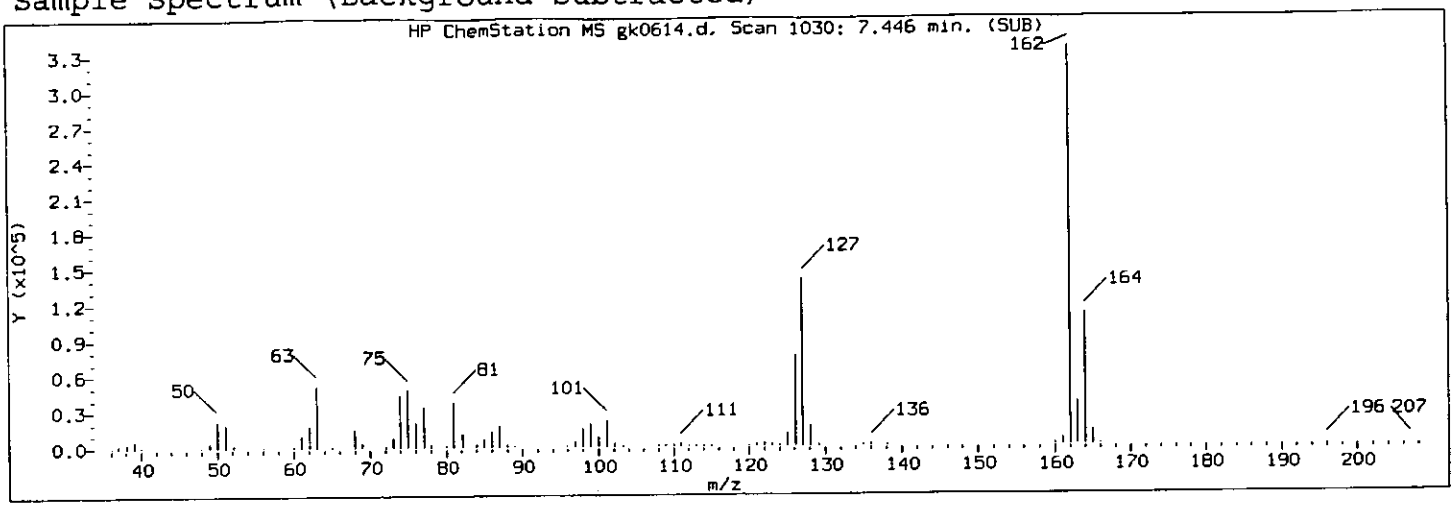
Sample Name: SSTD030 Lab Sample ID: STD3107

Compound Number	:	84
Compound Name	:	1-Chloronaphthalene
Scan Number	:	1027
Retention Time (minutes)	:	7.430
Quant Ion	:	162
Area	:	652637
Concentration (ng/ul)	:	48.3579
Integration start scan	:	1022 Integration stop scan: 1034
Y at integration start	:	51 Y at integration end: 43

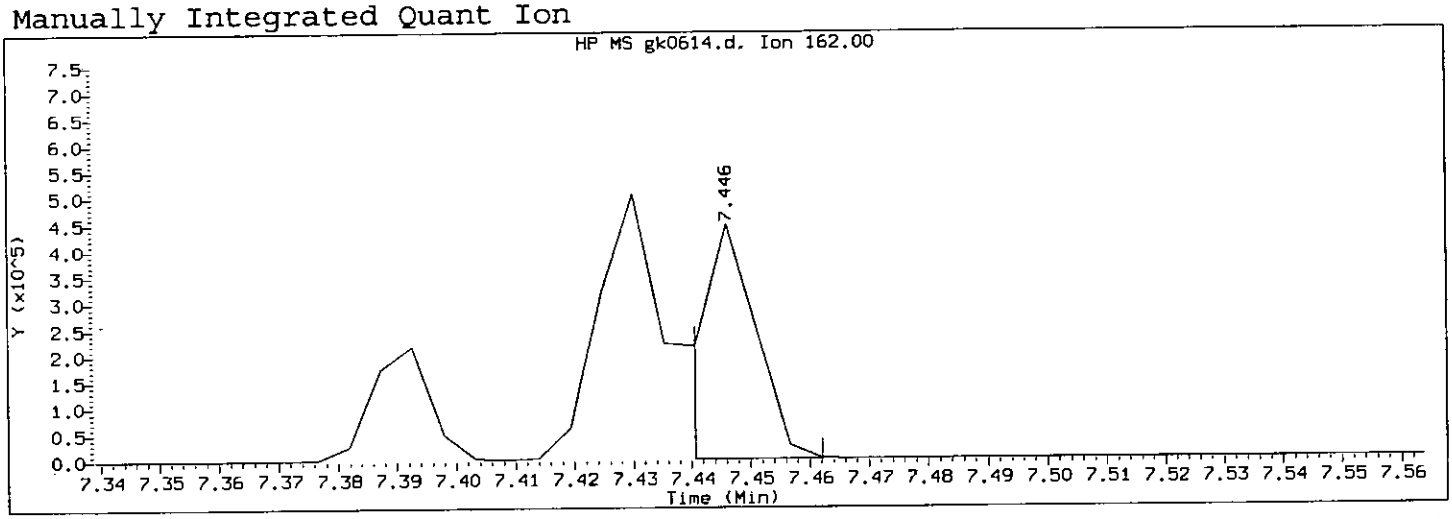
GJ 11/7/07

Original Integration Report for data file /chem/HP11165.i/07nov15a.b/gk0614.d, generated on 11/15/2007 at 19:08

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP11165.i/07nov15a.b/gk0614.d Instrument ID: HP11165.i
Injection date and time: 15-NOV-2007 18:09 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07nov15a.b/minti.m Sublist used: all1
Calibration date and time: 15-NOV-2007 19:08
Date, time and analyst ID of latest file update: 15-Nov-2007 19:08 gjd01970

Sample Name: SSTD030 Lab Sample ID: STD3107

Compound Number	:	84
Compound Name	:	1-Chloronaphthalene
Scan Number	:	1030
Retention Time (minutes)	:	7.446
Quant Ion	:	162
Area (flag)	:	296107 M
Concentration (ng/ul)	:	27.9505
Integration start scan	:	1028 Integration stop scan: 1032
Y at integration start	:	519 Y at integration end: 519

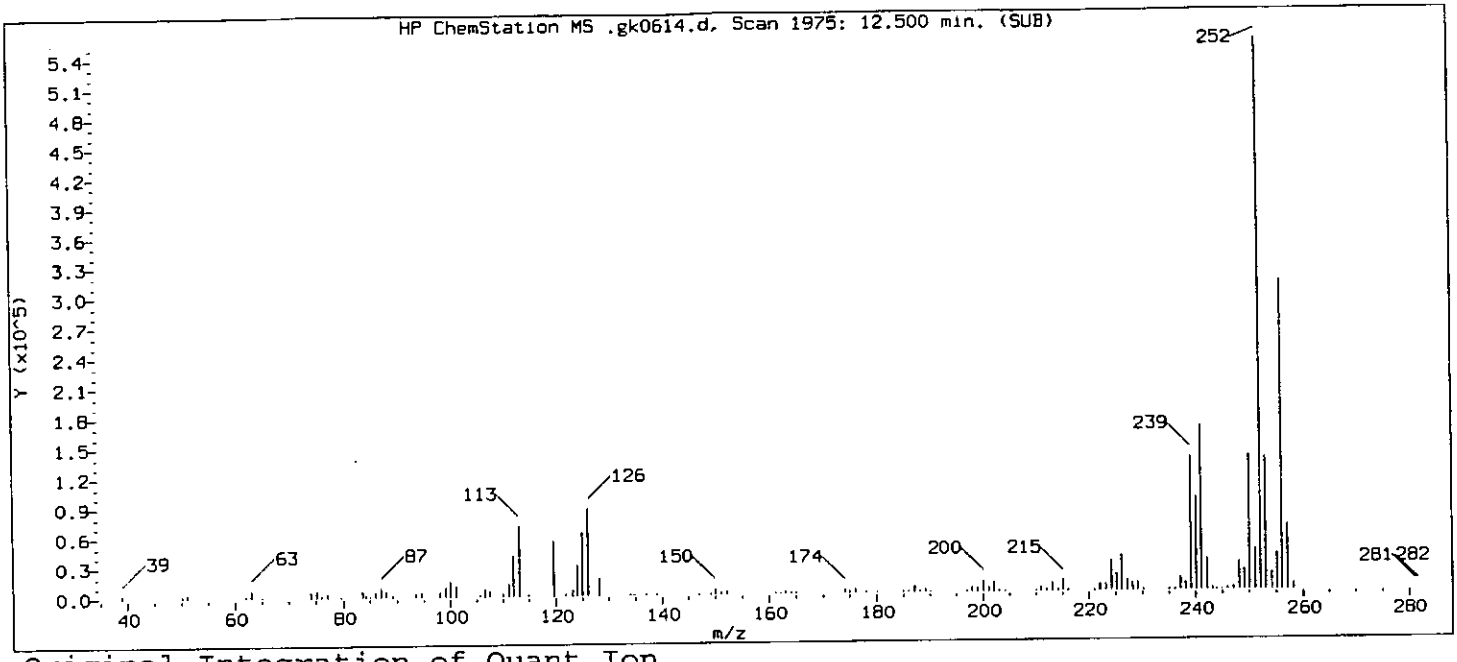
Reason for manual integration (circle one) missed peak improper integration

Analyst responsible for change: 1970 11/15/07

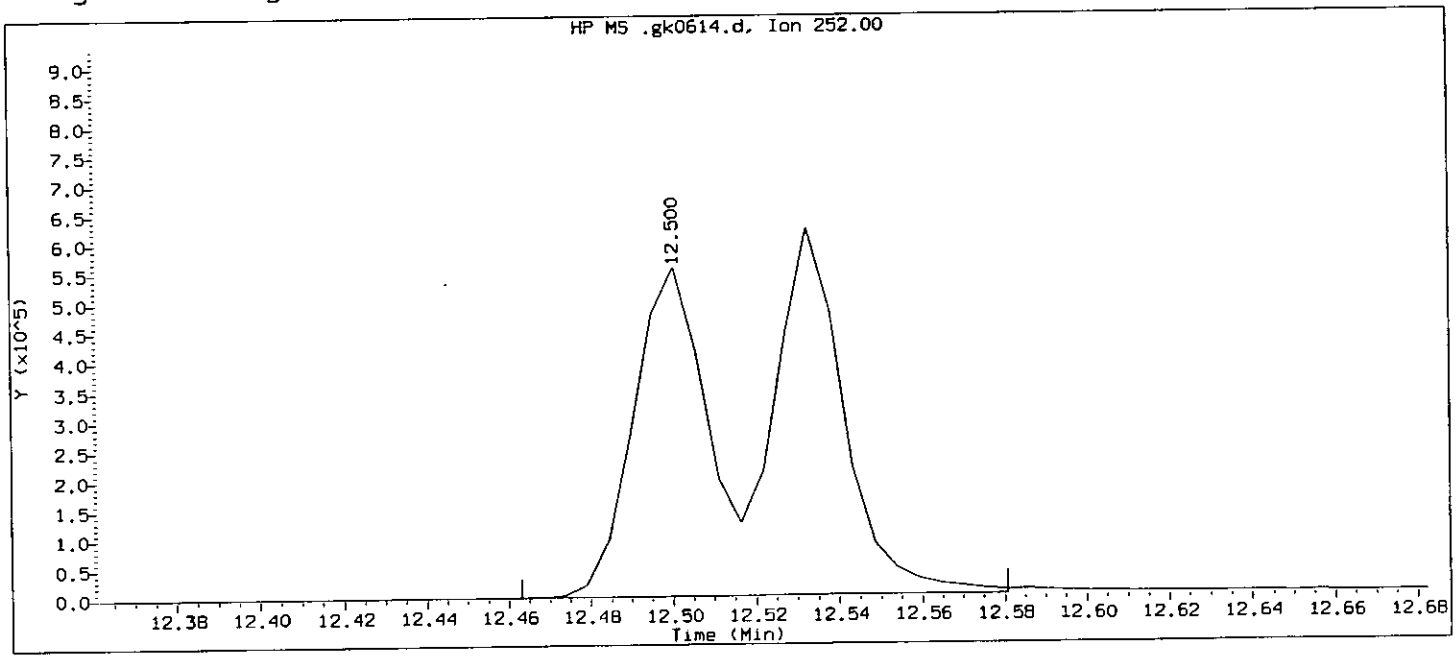
GC/MS audit/management approval: 11/16/07

Manual Integration Report for data file /chem/HP11165.i/07nov15a.b/gk0614.d, generated on 11/15/2007 at 19:08

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP11165.i/07nov15a.b/gk0614.d Instrument ID: HP11165.i
Injection date and time: 15-NOV-2007 18:09 Analyst ID: gjd01970

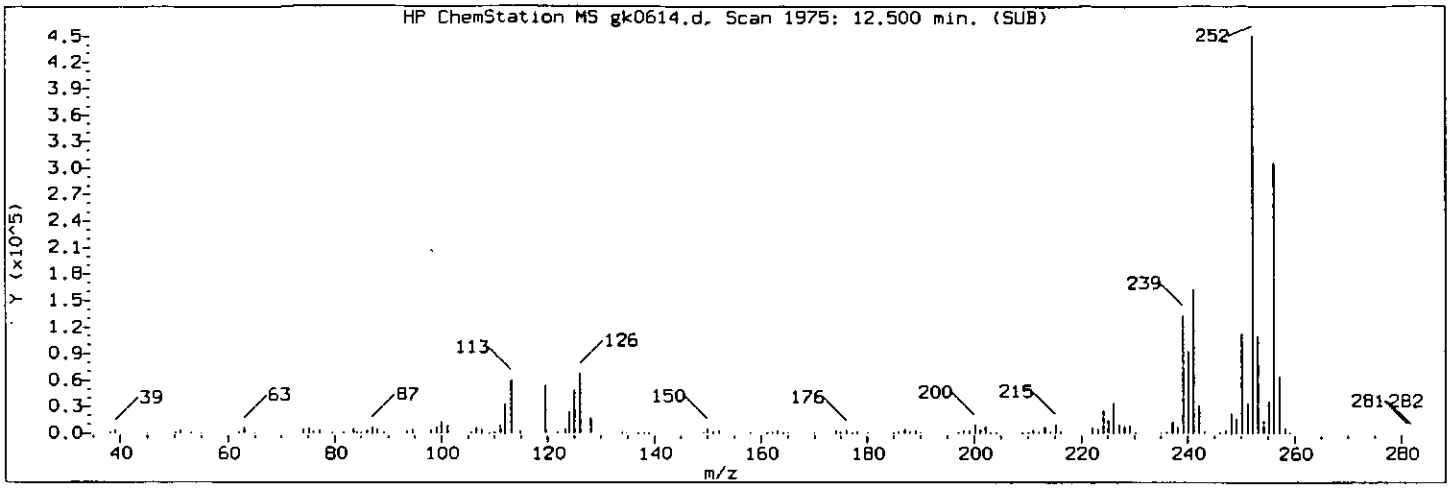
Method used: /chem/HP11165.i/07nov15a.b/minti.m Sublist used: all1
Calibration date and time: 15-NOV-2007 18:27
Date, time and analyst ID of latest file update: 15-Nov-2007 18:27 Automation

Sample Name: SSTD030 Lab Sample ID: STD3107

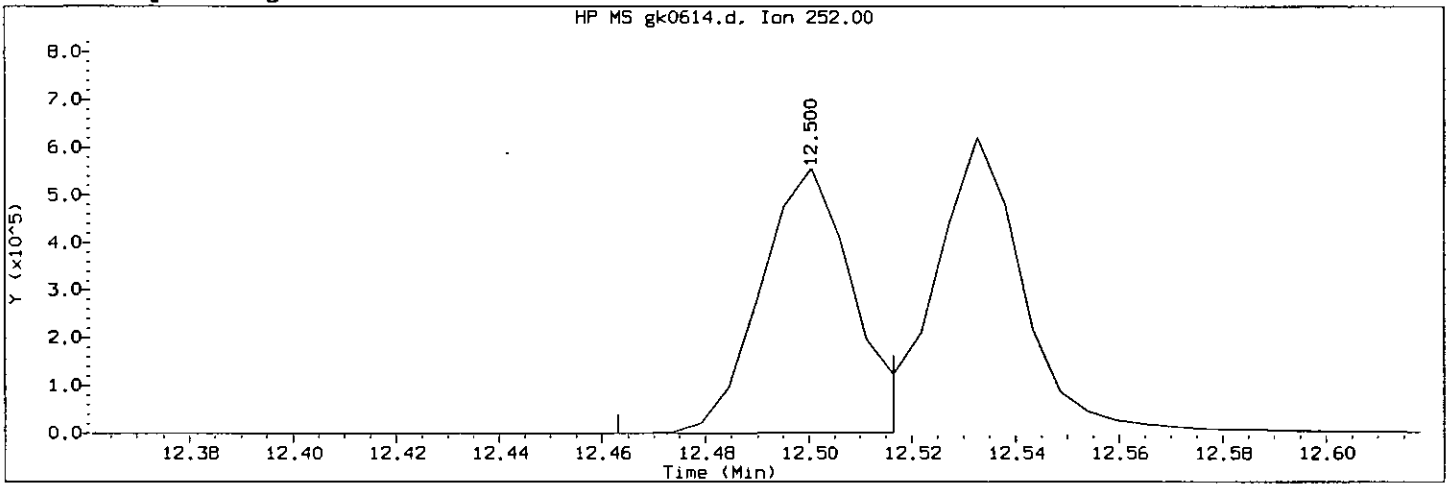
Compound Number	:	171
Compound Name	:	Benzo(b)fluoranthene
Scan Number	:	1975
Retention Time (minutes)	:	12.500
Quant Ion	:	252
Area	:	1393128
Concentration (ng/ul)	:	44.1028
Integration start scan	:	1967 Integration stop scan: 1989
Y at integration start	:	0 Y at integration end: 1584

Original Integration Report for data file /chem/HP11165.i/07nov15a.b/gk0614.d, generated on 11/15/2007 at 19:08

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP11165.i/07nov15a.b/gk0614.d Instrument ID: HP11165.i
Injection date and time: 15-NOV-2007 18:09 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07nov15a.b/minti.m Sublist used: all1
Calibration date and time: 15-NOV-2007 19:08
Date, time and analyst ID of latest file update: 15-Nov-2007 19:08 gjd01970

Sample Name: SSTD030 Lab Sample ID: STD3107

Compound Number	:	171
Compound Name	:	Benzo(b)fluoranthene
Scan Number	:	1975
Retention Time (minutes)	:	12.500
Quant Ion	:	252
Area (flag)	:	694203 M
Concentration (ng/ul)	:	27.9189
Integration start scan	:	1967 Integration stop scan: 1977
Y at integration start	:	0 Y at integration end: 719

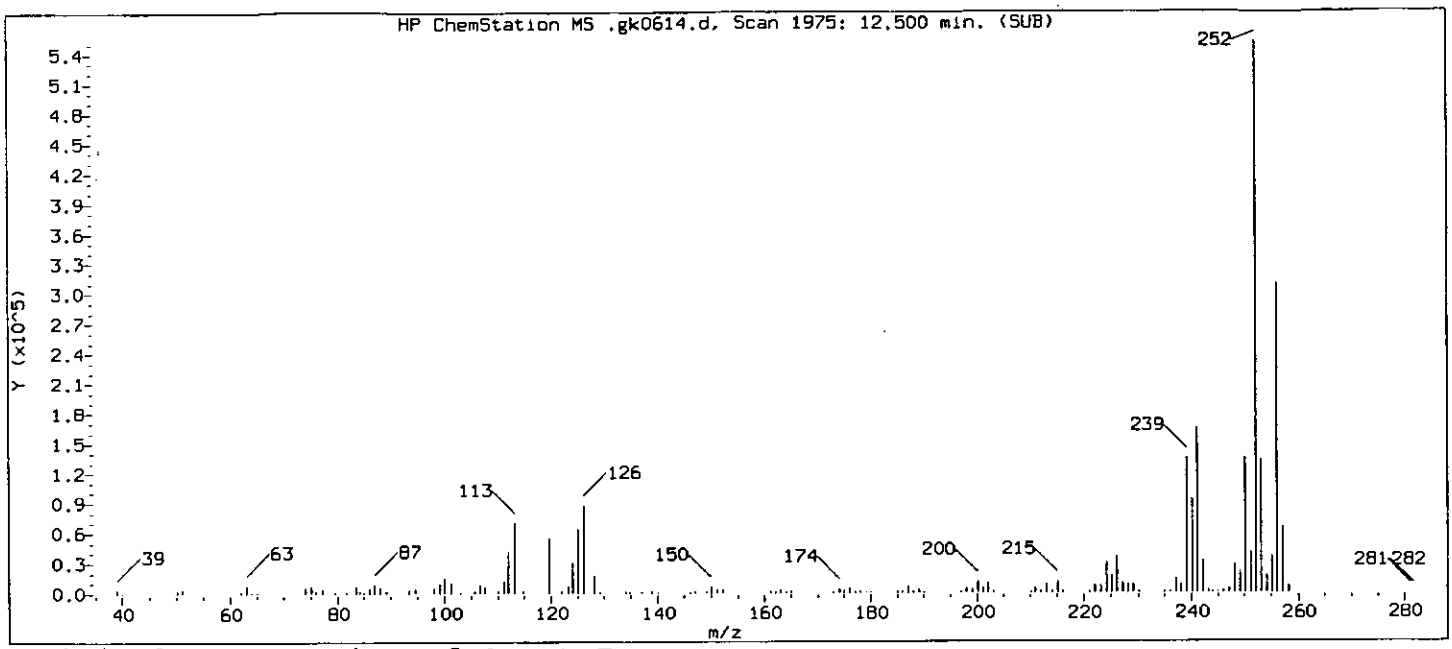
Reason for manual integration (circle one): missed peak improper integration

Analyst responsible for change: 197 11/15/07

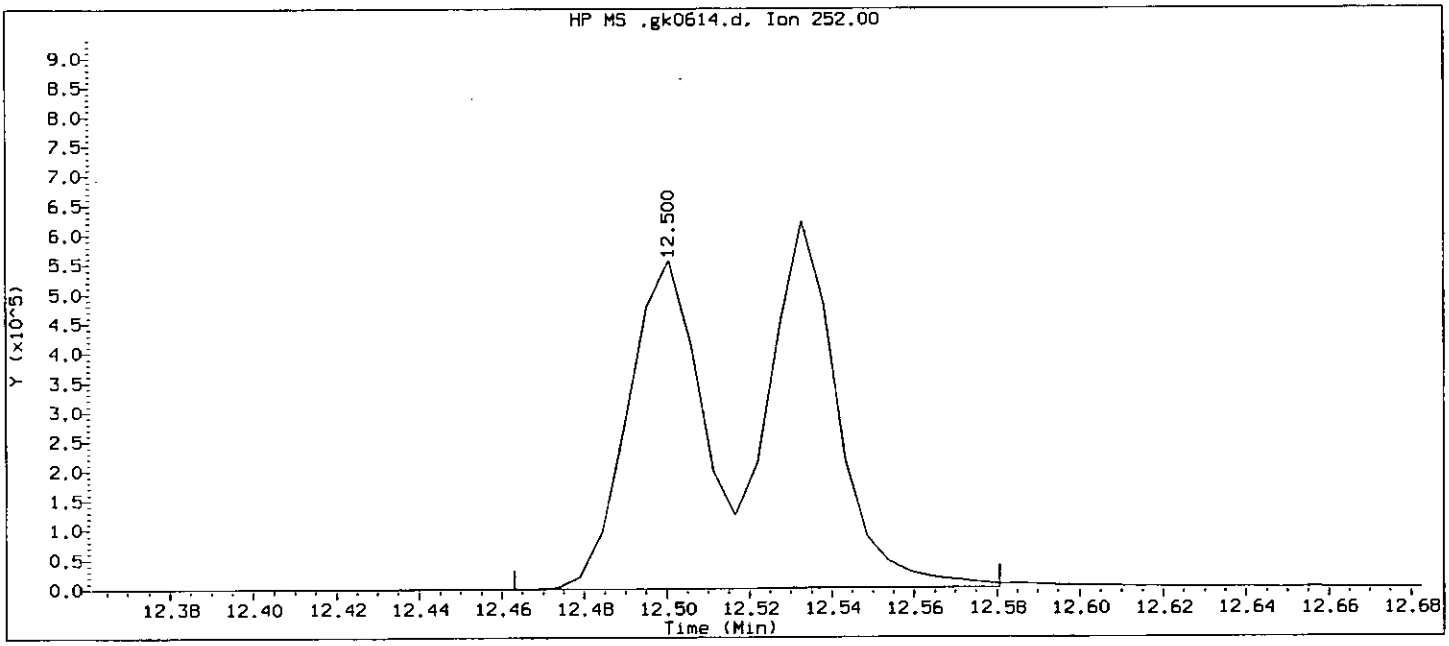
GC/MS audit/management approval: 11/16/07

Manual Integration Report for data file /chem/HP11165.i/07nov15a.b/gk0614.d, generated on 11/15/2007 at 19:08

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP11165.i/07nov15a.b/gk0614.d Instrument ID: HP11165.i
Injection date and time: 15-NOV-2007 18:09 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07nov15a.b/minti.m Sublist used: all1
Calibration date and time: 15-NOV-2007 18:27
Date, time and analyst ID of latest file update: 15-Nov-2007 18:27 Automation

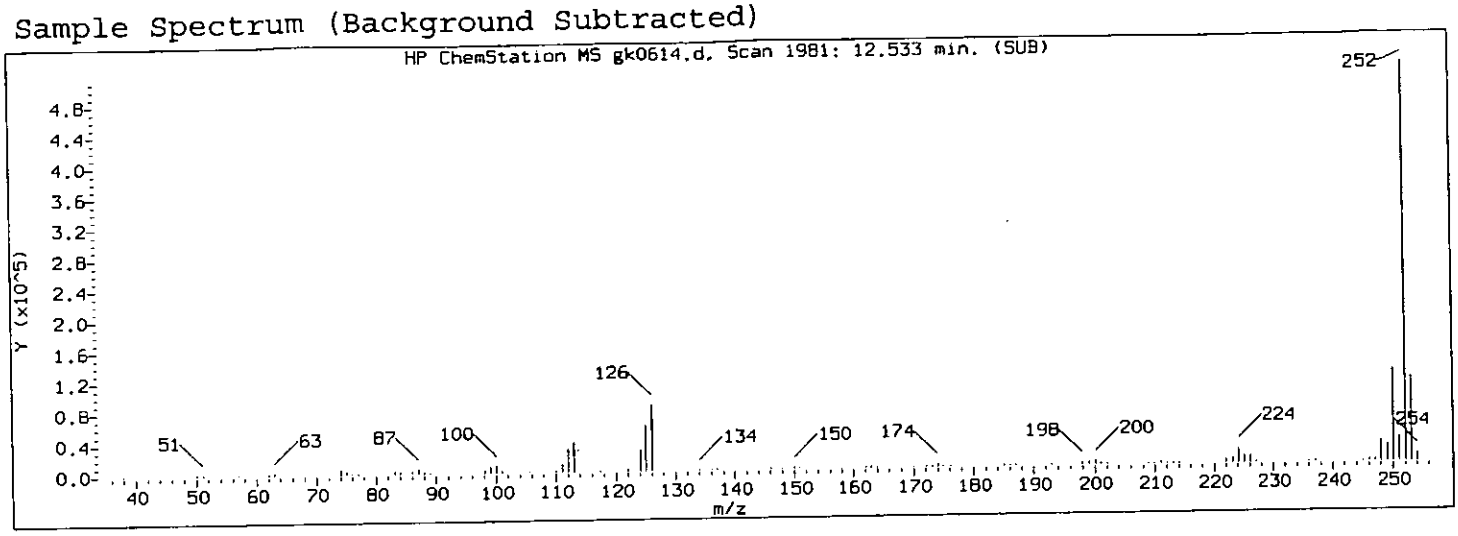
Sample Name: SSTD030 Lab Sample ID: STD3107

Compound Number	: 172
Compound Name	: Benzo(k)fluoranthene
Scan Number	: 1975
Retention Time (minutes)	: 12.500
Quant Ion	: 252
Area	: 1393120
Concentration (ng/ul)	: 44.5954
Integration start scan	: 1967 Integration stop scan: 1989
Y at integration start	: 0 Y at integration end: 1584

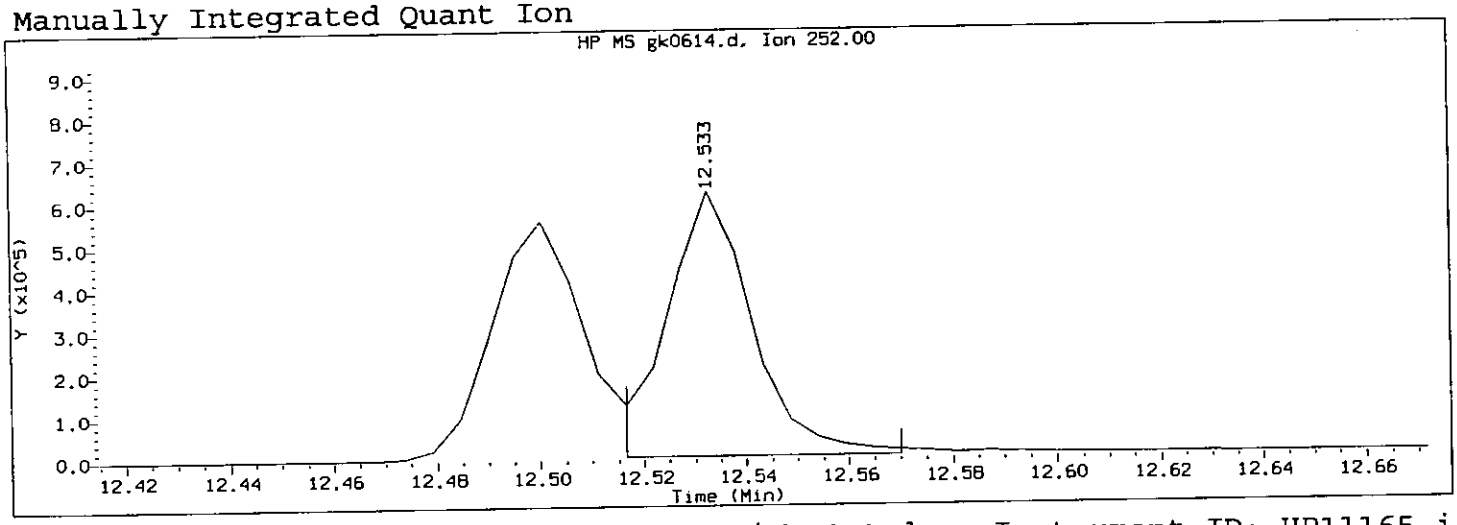
GJD 11/15/07

Original Integration Report for data file /chem/HP11165.i/07nov15a.b/gk0614.d, generated on 11/15/2007 at 19:08

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP11165.i/07nov15a.b/gk0614.d Instrument ID: HP11165.i
Injection date and time: 15-NOV-2007 18:09 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07nov15a.b/minti.m Sublist used: all1
Calibration date and time: 15-NOV-2007 19:08
Date, time and analyst ID of latest file update: 15-Nov-2007 19:08 gjd01970

Sample Name: SSTD030 Lab Sample ID: STD3107

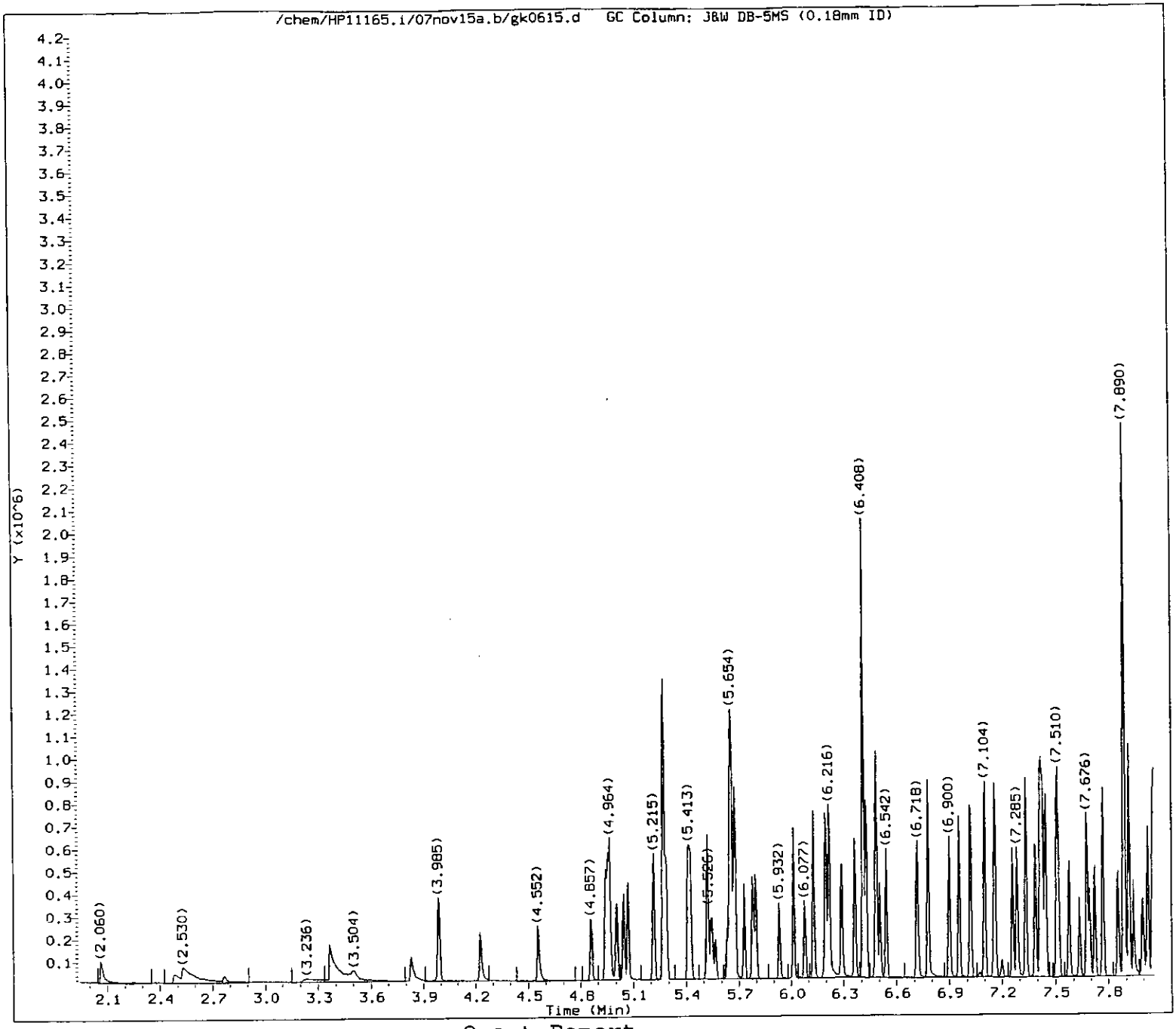
Compound Number	: 172	
Compound Name	: Benzo(k)fluoranthene	
Scan Number	: 1981	
Retention Time (minutes)	: 12.533	
Quant Ion	: 252	
Area (flag)	: 730235	M
Concentration (ng/ul)	: 28.4833	
Integration start scan	: 1977	Integration stop scan: 1987
Y at integration start	: 2240	Y at integration end: 2240

Reason for manual integration (circle one): missed peak (improper integration)

Analyst responsible for change: 1970 11/15/07

GC/MS audit/management approval: 0496 11/16/07

Manual Integration Report for data file /chem/HP11165.i/07nov15a.b/gk0614.d, generated on 11/15/2007 at 19:08



Quant Report

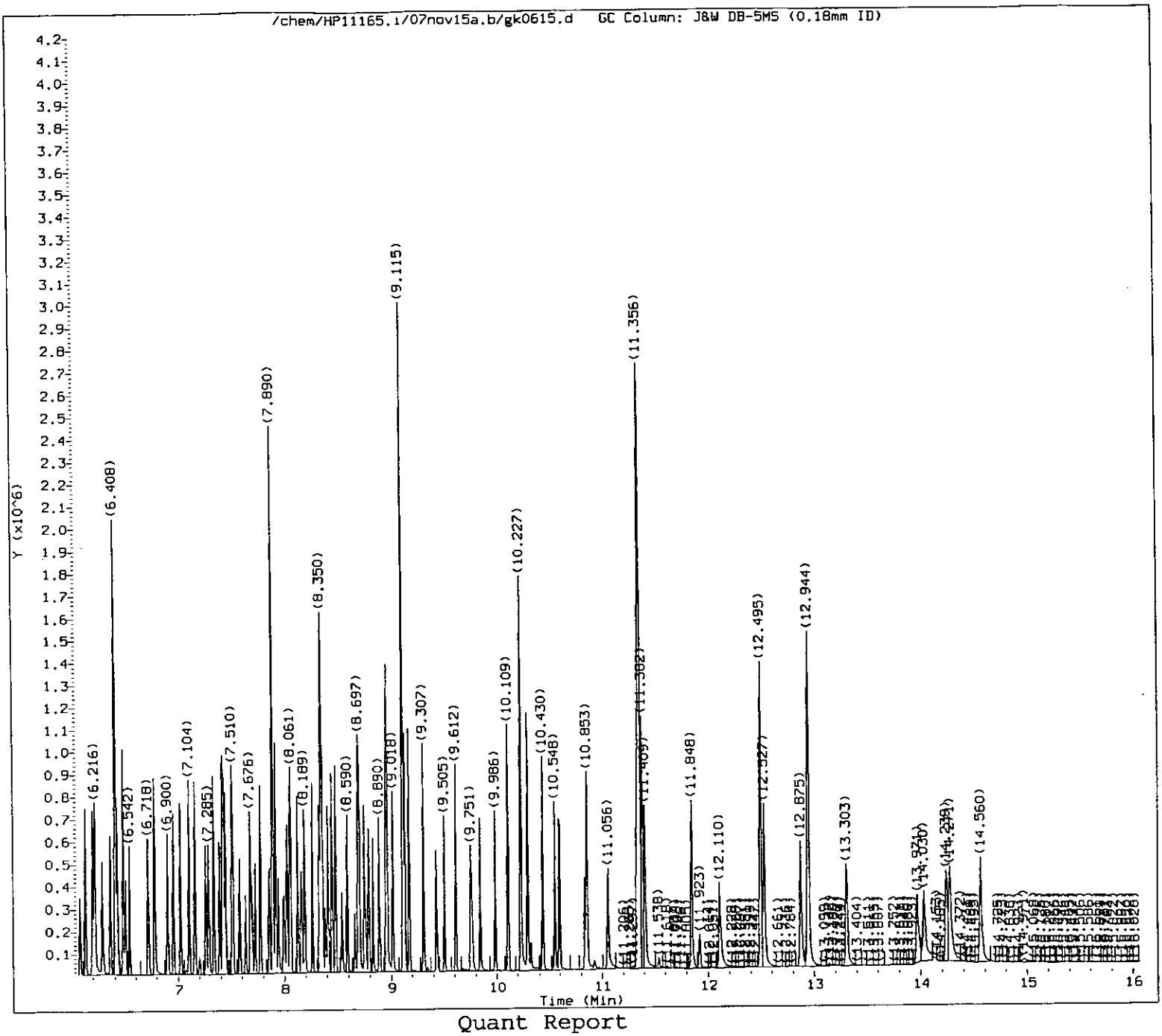
Target Revision 3.5

Data File: /chem/HP11165.i/07nov15a.b/gk0615.d Instrument ID: HP11165.i
Injection date and time: 15-NOV-2007 18:34 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07nov15a.b/minti.m Sublist used: all1
Calibration date and time: 15-NOV-2007 19:11
Date, time and analyst ID of latest file update: 15-Nov-2007 19:11 gjd01970

Sample Name: SSTD015 Lab Sample ID: STD3107

8497
GB/17
11/15/7



Quant Report

Target Revision 3.5

Data File: /chem/HP11165.i/07nov15a.b/gk0615.d Instrument ID: HP11165.i
Injection date and time: 15-NOV-2007 18:34 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07nov15a.b/minti.m Sublist used: all1
Calibration date and time: 15-NOV-2007 19:11
Date, time and analyst ID of latest file update: 15-Nov-2007 19:11 gjd01970

Sample Name: SSTD015 Lab Sample ID: STD3107

11/15/07

Quant Report

Target Revision 3.5

Data File: /chem/HP11165.i/07nov15a.b/gk0615.d Instrument ID: HP11165.i
Injection date and time: 15-NOV-2007 18:34 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07nov15a.b/minti.m Sublist used: all1
Calibration date and time: 15-NOV-2007 19:11
Date, time and analyst ID of latest file update: 15-Nov-2007 19:11 gjd01970

Sample Name: SSTD015 Lab Sample ID: STD3107

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
1) 1,4-Dioxane	(1)	2.060	88	51587	14.357
2) N-Nitrosodimethylamine	(1)	2.482	74	67864M	14.302
3) Pyridine	(1)	2.530	79	126436MA	14.575
5) 2-Picoline	(1)	3.365	93	113864	13.744
6) N-Nitrosomethylethylamine	(1)	3.504	88	60153	14.669
7) Methyl methanesulfonate	(1)	3.830	80	53383	14.413
10) N-Nitrosodiethylamine	(1)	4.226	102	55119	14.139
11) Ethyl methanesulfonate	(1)	4.552	109	48740	14.210
13) Aniline	(1)	4.964	93	186924	14.453
16) Phenol	(1)	4.953	94	158244	14.328
17) Pentachloroethane	(1)	5.007	167	30415	14.571
18) bis(2-Chloroethyl)ether	(1)	5.044	93	114474	14.570
19) 2-Chlorophenol	(1)	5.071	128	86625	14.398
20) 1,3-Dichlorobenzene	(1)	5.215	146	89343	14.889
21) 1,4-Dichlorobenzene-d4	(1)	5.274	152	155248	40.000
22) 1,4-Dichlorobenzene	(1)	5.285	146	90485	14.746
24) Benzyl alcohol	(1)	5.413	108	73037	14.605
25) 1,2-Dichlorobenzene	(1)	5.424	146	86449	14.939
26) 2-Methylphenol	(1)	5.520	108	104922	14.592
27) 2,2'-oxybis(1-Chloropropane)	(1)	5.542	45	133823	14.428
28) bis(2-Chloroisopropyl)ether	(1)	5.542	45	133823	14.428
29) N-Nitrosopyrrolidine	(1)	5.633	100	55525	14.030
30) Acetophenone	(1)	5.649	105	151646	15.057
31) N-Nitroso-di-n-propylamine	(1)	5.659	70	93719	14.614
32) N-Nitrosomorpholine	(1)	5.670	56	61384	14.411
33) 4-Methylphenol	(1)	5.659	108	116013	14.733
34) o-Toluidine	(1)	5.675	106	179168	14.751
37) Hexachloroethane	(1)	5.729	117	37872	14.475
39) Nitrobenzene	(2)	5.793	77	128651	14.247
40) N-Nitrosopiperidine	(2)	5.932	114	49994	14.626
41) Isophorone	(2)	6.012	82	227224	14.559
42) 2-Nitrophenol	(2)	6.077	139	41451	14.119
44) 2,4-Dimethylphenol	(2)	6.130	107	109959	14.540
45) O,O,O-triethylphosphorothioate	(2)	6.200	198	45496	14.765
46) bis(2-Chloroethoxy)methane	(2)	6.216	93	133835	14.780
47) Benzoic acid	(2)	6.216	105	136233	25.528
49) 2,4-Dichlorophenol	(2)	6.291	162	71746	14.646
50) 1,2,4-Trichlorobenzene	(2)	6.360	180	74610	14.869
52) Naphthalene-d8	(2)	6.408	136	624163	40.000
53) Naphthalene	(2)	6.424	128	267349	15.034
55) 4-Chloroaniline	(2)	6.483	127	107564	15.206
56) 2,6-Dichlorophenol	(2)	6.483	162	68308	14.661
57) Hexachloropropene	(2)	6.504	213	44195	13.640

M = Compound was manually integrated. A = User selected an alternate hit

Quant Report

Target Revision 3.5

Data File: /chem/HP11165.i/07nov15a.b/gk0615.d Instrument ID: HP11165.i
Injection date and time: 15-NOV-2007 18:34 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07nov15a.b/minti.m Sublist used: all1
Calibration date and time: 15-NOV-2007 19:11
Date, time and analyst ID of latest file update: 15-Nov-2007 19:11 gjd01970

Sample Name: SSTD015 Lab Sample ID: STD3107

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
59) Hexachlorobutadiene	(2)	6.542	225	45458	14.968
62) Caprolactam	(2)	6.777	113	34663	13.775
63) N-Nitrosodi-n-butylamine	(2)	6.777	84	105732	15.862
67) 4-Chloro-3-methylphenol	(2)	6.900	107	93535	14.217
68) Safrole	(2)	6.954	162	67512	14.708
69) 2-Methylnaphthalene	(2)	7.023	142	169895	14.916
70) 1-Methylnaphthalene	(2)	7.104	142	169202	14.922
71) Hexachlorocyclopentadiene	(3)	7.157	237	34735	12.763
72) 1,2,4,5-Tetrachlorobenzene	(3)	7.162	216	79802	14.542
73) cis-Isosafrole	(3)	7.200	162	6513	1.510
74) 2,4,6-Trichlorophenol	(3)	7.259	196	52478	14.385
76) 2,4,5-Trichlorophenol	(3)	7.285	196	58972	14.169
78) trans-Isosafrole	(3)	7.392	162	73046	12.839
79) Isosafrole	(3)	7.392	162	73046	14.425
80) Biphenyl	(3)	7.414	154	220158	14.849
81) Diphenyl	(3)	7.414	154	220158	14.849
82) 1,1'-Biphenyl	(3)	7.414	154	220158	14.849
83) 2-Chloronaphthalene	(3)	7.430	162	171418	13.108
87) Diphenyl ether	(3)	7.510	170	121876	14.630
88) 2-Nitroaniline	(3)	7.515	138	54477	14.019
89) 1,4-Naphthoquinone	(3)	7.580	158	61545	14.489
90) 1,4-Dinitrobenzene	(3)	7.633	168	26988	13.055
91) Dimethylphthalate	(3)	7.676	163	187816	14.892
92) 1,3-Dinitrobenzene	(3)	7.692	168	32391	13.548
93) 2,6-Dinitrotoluene	(3)	7.724	165	40923	14.137
94) Acenaphthylene	(3)	7.772	152	254550	14.575
96) 3-Nitroaniline	(3)	7.858	138	50490	14.531
97) Acenaphthene-d10	(3)	7.890	164	382933	40.000
98) Acenaphthene	(3)	7.917	153	172429	14.958
99) 2,4-Dinitrophenol	(3)	7.943	184	42853	24.395
100) Pentachlorobenzene	(3)	8.023	250	76109	14.901
102) 4-Nitrophenol	(3)	7.997	109	32891	13.121
103) Dibenzofuran	(3)	8.061	168	252381	14.958
104) 2,4-Dinitrotoluene	(3)	8.050	165	54044	14.182
105) 1-Naphthylamine	(3)	8.125	143	167527	14.522
106) 2,3,4,6-Tetrachlorophenol	(3)	8.163	232	47858	13.972
107) 2-Naphthylamine	(3)	8.189	143	173103	14.780
108) Diethylphthalate	(3)	8.264	149	191569	14.746
109) Thionazin	(3)	8.328	107	37084	14.371
110) Fluorene	(3)	8.344	166	210231	14.902
111) 4-Chlorophenyl-phenylether	(3)	8.350	204	103311	14.809
112) 5-Nitro-o-toluidine	(3)	8.355	152	58057	14.292
113) 4-Nitroaniline	(3)	8.355	138	55707	14.864

M = Compound was manually integrated. A = User selected an alternate hit

Quant Report

Target Revision 3.5

Data File: /chem/HP11165.i/07nov15a.b/gk0615.d Instrument ID: HP11165.i
Injection date and time: 15-NOV-2007 18:34 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07nov15a.b/minti.m Sublist used: all1
Calibration date and time: 15-NOV-2007 19:11
Date, time and analyst ID of latest file update: 15-Nov-2007 19:11 gjd01970

Sample Name: SSTD015 Lab Sample ID: STD3107

	Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
114)	4,6-Dinitro-2-methylphenol	(4)	8.382	198	29290	12.118
115)	1-Nitronaphthalene	(4)	8.409	173	39544	14.292
116)	N-Nitrosodiphenylamine	(4)	8.446	169	154328	14.649
117)	1,2-Diphenylhydrazine	(4)	8.478	77	280388	14.134
119)	Tetraethyldithiopyrophosphate	(4)	8.590	97	37408	14.305
120)	1,3,5-Trinitrobenzene	(4)	8.660	213	18403	11.537
121)	Diallate (peak 1)	(4)	8.687	86	90065	10.815
122)	Phorate	(4)	8.697	75	155296	14.273
123)	Phenacetin	(4)	8.703	108	115861	13.878
124)	4-Bromophenyl-phenylether	(4)	8.751	248	59037	14.324
125)	Diallate (peak 2)	(4)	8.762	86	28499	3.595
126)	Hexachlorobenzene	(4)	8.788	284	65661	14.029
127)	Dimethoate	(4)	8.831	87	94552	15.850
128)	Diallate TRANS/CIS	(4)	23.156	86	118564	14.410
130)	Pentachlorophenol	(4)	8.954	266	71104	25.018
131)	Pentachloronitrobenzene	(4)	8.965	237	25903	14.826
132)	4-Aminobiphenyl	(4)	8.965	169	189603	14.448
133)	Pronamide	(4)	9.018	173	82460	14.426
134)	Phenanthrene-d10	(4)	9.115	188	760527	40.000
135)	Dinoseb	(4)	9.115	211	34702	10.741
136)	Phenanthrene	(4)	9.131	178	294706	14.555
137)	Anthracene	(4)	9.173	178	300179	14.450
139)	Carbazole	(4)	9.307	167	293219	14.479
140)	Methyl parathion	(4)	9.430	109	63236	14.628
141)	Di-n-butylphthalate	(4)	9.612	149	311874	14.192
142)	Parathion	(4)	9.751	109	38851	12.977
143)	4-Nitroquinoline-1-oxide	(4)	9.767	190	14855	8.996
144)	Methapyrilene	(4)	9.842	97	103339	16.398
145)	Isodrin	(4)	9.986	193	30570	14.300
146)	Fluoranthene	(4)	10.109	202	346542	14.038
151)	Benzidine	(5)	10.227	184	540773	42.362
153)	Pyrene	(5)	10.291	202	363866	14.763
157)	p-Dimethylaminoazobenzene	(5)	10.553	225	69435	13.627
158)	Chlorobenzilate	(5)	10.591	139	97683	15.024
159)	3,3'-Dimethylbenzidine	(5)	10.837	212	144980	12.803
160)	Butylbenzylphthalate	(5)	10.853	149	145828	14.578
161)	2-Acetylaminofluorene	(5)	11.056	181	96430	12.086
163)	3,3'-Dichlorobenzidine	(5)	11.329	252	116353	13.339
164)	4,4'-Methylenebis(2-Chloroanil	(5)	11.340	231	57899	13.181
165)	Benzo(a)anthracene	(5)	11.350	228	345034	14.052
166)	Chrysene-d12	(5)	11.361	240	821911	40.000
167)	Chrysene	(5)	11.382	228	352513	14.455
168)	bis(2-Ethylhexyl)phthalate	(5)	11.409	149	181452	13.913

M = Compound was manually integrated. A = User selected an alternate hit

Quant Report

Target Revision 3.5

Data File: /chem/HP11165.i/07nov15a.b/gk0615.d Instrument ID: HP11165.i
Injection date and time: 15-NOV-2007 18:34 Analyst ID: gjd01970

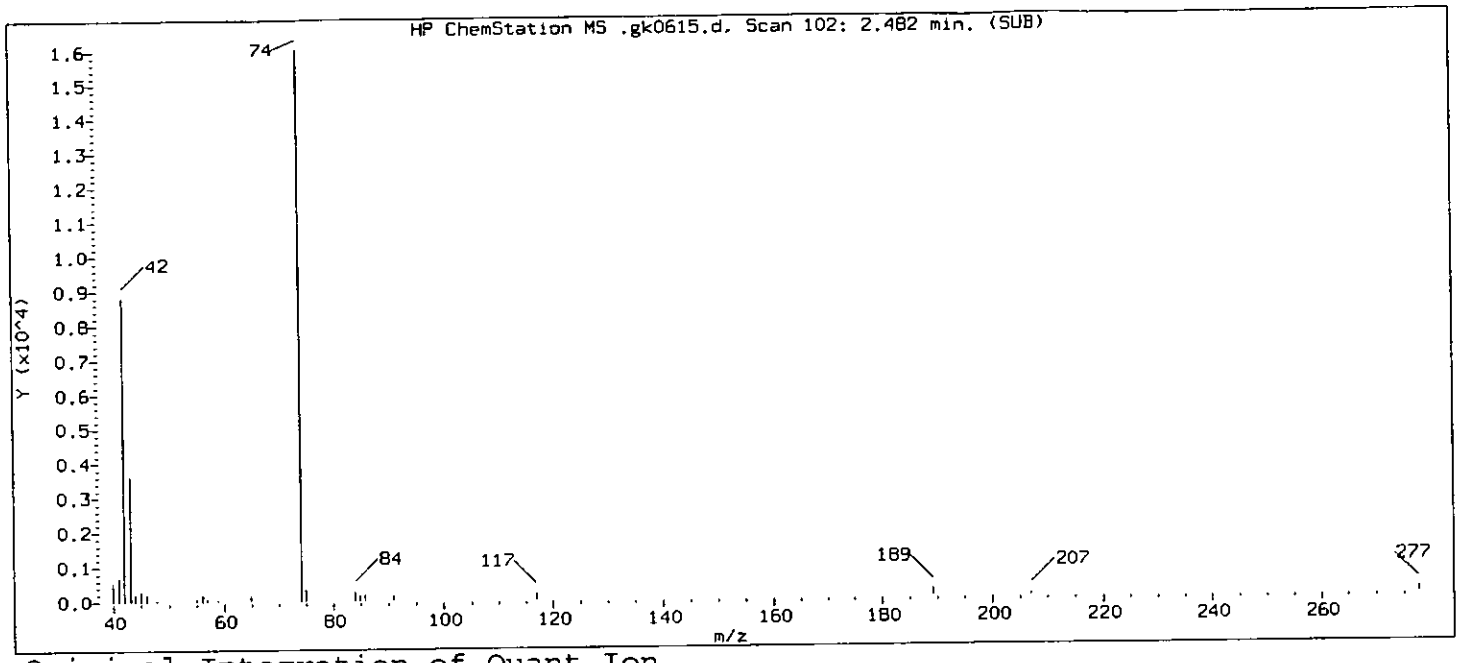
Method used: /chem/HP11165.i/07nov15a.b/minti.m Sublist used: all1
Calibration date and time: 15-NOV-2007 19:11
Date, time and analyst ID of latest file update: 15-Nov-2007 19:11 gjd01970

Sample Name: SSTD015 Lab Sample ID: STD3107

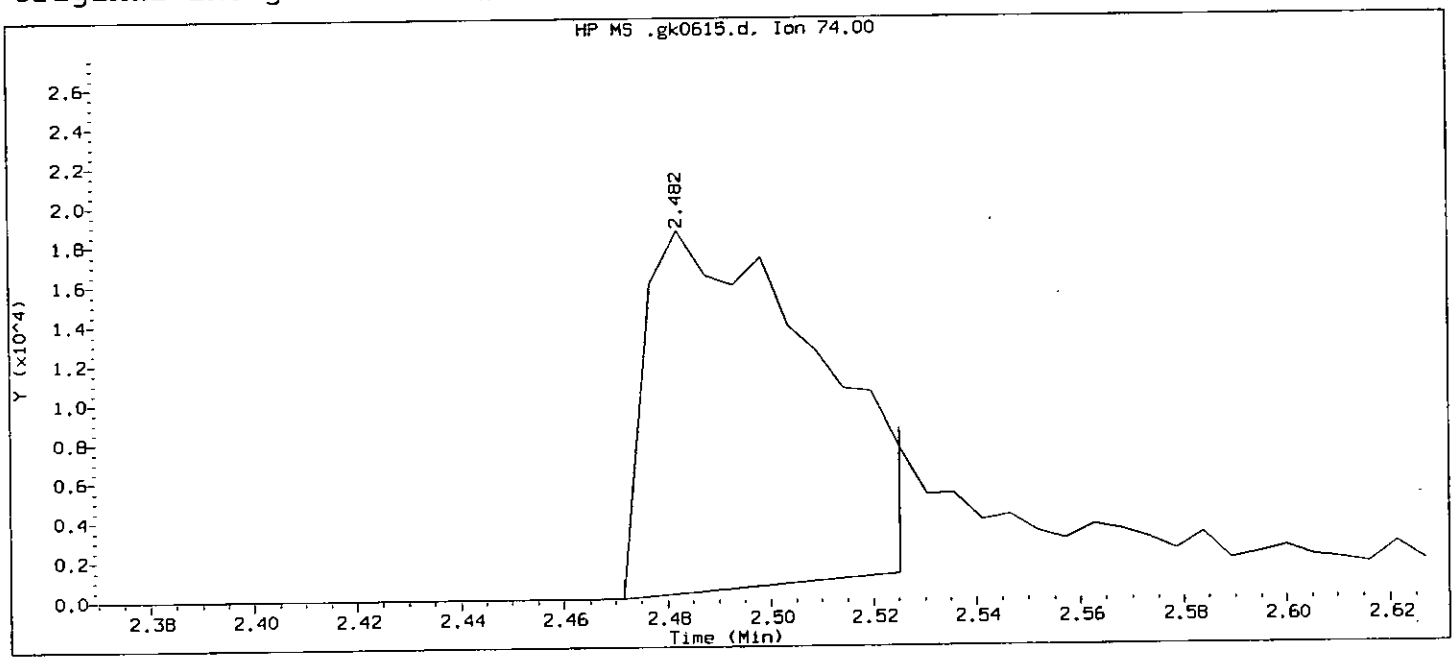
	Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
188)	6-Methylchrysene	(5)	11.848	242	221089	13.582
169)	Di-n-octylphthalate	(6)	12.110	149	247437	12.675
189)	Dibenz(a,h)acridine	(6)	13.971	279	198351	12.183
190)	Dibenz(a,j)acridine	(6)	14.030	279	269023	14.008
170)	7,12-Dimethylbenz[a]anthracene	(6)	12.495	256	149647	13.233
171)	Benzo(b)fluoranthene	(6)	12.495	252	304517	12.831
194)	Ronnel	(4)	9.505	285	73366	14.309
172)	Benzo(k)fluoranthene	(6)	12.527	252	362591	14.818
173)	Benzo(a)pyrene	(6)	12.875	252	285890	13.501
174)	Perylene-d12	(6)	12.944	264	599477	40.000
175)	3-Methylcholanthrene	(6)	13.303	268	158002	13.136
176)	Indeno(1,2,3-cd)pyrene	(6)	14.239	276	352236	13.535
177)	Dibenz(a,h)anthracene	(6)	14.276	278	285595	13.589
178)	Benzo(g,h,i)perylene	(6)	14.560	276	305212	13.739
84)	1-Chloronaphthalene	(3)	7.446	162	164438	15.391
9)	2-Fluorophenol	(1)	3.985	112	96246	14.304
14)	Phenol-d5	(1)	4.943	99	134774	14.260
15)	Phenol-d6	(1)	4.943	99	134774	14.260
38)	Nitrobenzene-d5	(2)	5.777	82	126081	14.744
77)	2-Fluorobiphenyl	(3)	7.334	172	190872	14.723
118)	2,4,6-Tribromophenol	(3)	8.537	330	30970	13.700
155)	Terphenyl-d14	(5)	10.430	244	258162	14.302

M = Compound was manually integrated. A = User selected an alternate hit

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP11165.i/07nov15a.b/gk0615.d Instrument ID: HP11165.i
Injection date and time: 15-NOV-2007 18:34 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07nov15a.b/minti.m Sublist used: all1
Calibration date and time: 15-NOV-2007 18:52
Date, time and analyst ID of latest file update: 15-Nov-2007 18:52 Automation

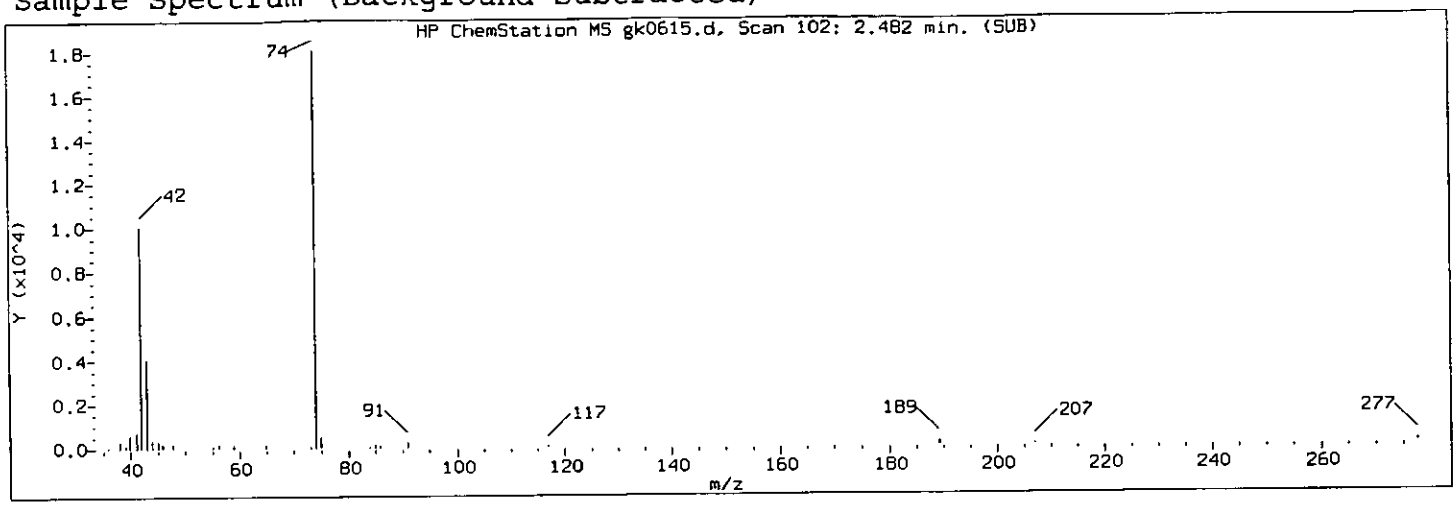
Sample Name: SSTD015 Lab Sample ID: STD3107

Compound Number : 2
Compound Name : N-Nitrosodimethylamine
Scan Number : 102
Retention Time (minutes): 2.482
Quant Ion : 74
Area : 41520
Concentration (ng/ul) : 9.4500
Integration start scan : 99 Integration stop scan: 109
Y at integration start : 0 Y at integration end: 1188

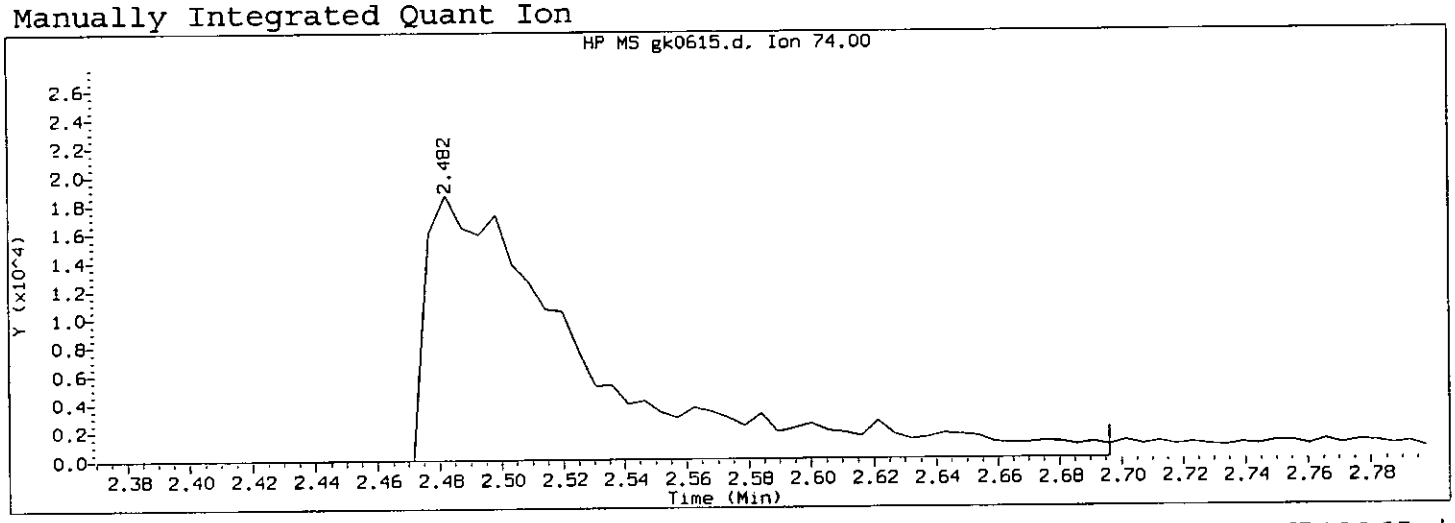
GJD 11/16
GJD 11/15/07

Original Integration Report for data file /chem/HP11165.i/07nov15a.b/gk0615.d, generated on 11/15/2007 at 19:11

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP11165.i/07nov15a.b/gk0615.d Instrument ID: HP11165.i
Injection date and time: 15-NOV-2007 18:34 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07nov15a.b/minti.m Sublist used: all1
Calibration date and time: 15-NOV-2007 19:11
Date, time and analyst ID of latest file update: 15-Nov-2007 19:11 gjd01970

Sample Name: SSTD015 Lab Sample ID: STD3107

Compound Number : 2
Compound Name : N-Nitrosodimethylamine
Scan Number : 102
Retention Time (minutes): 2.482
Quant Ion : 74
Area (flag) : 67864 M
Concentration (ng/ul) : 14.3023
Integration start scan : 99 Integration stop scan: 141
Y at integration start : 0 Y at integration end: 0

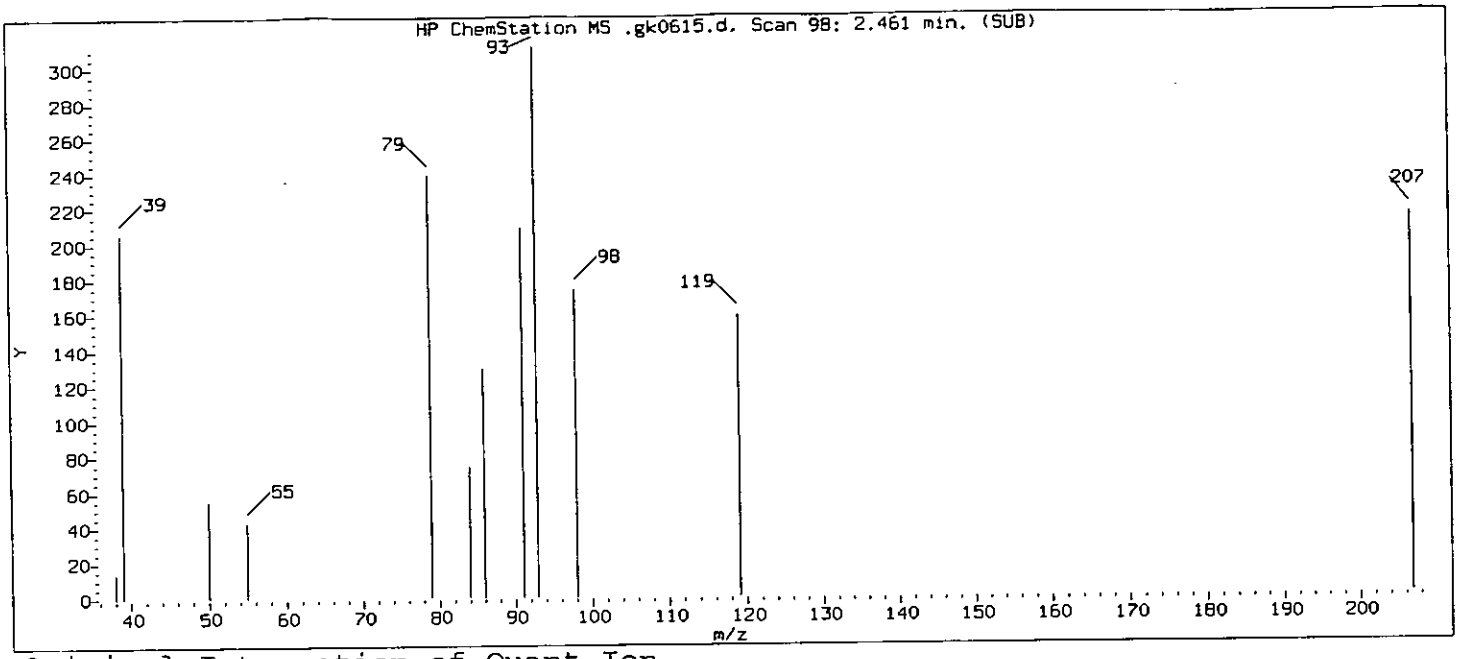
Reason for manual integration (circle one): missed peak improper integration

Analyst responsible for change: 1970 11/15/07

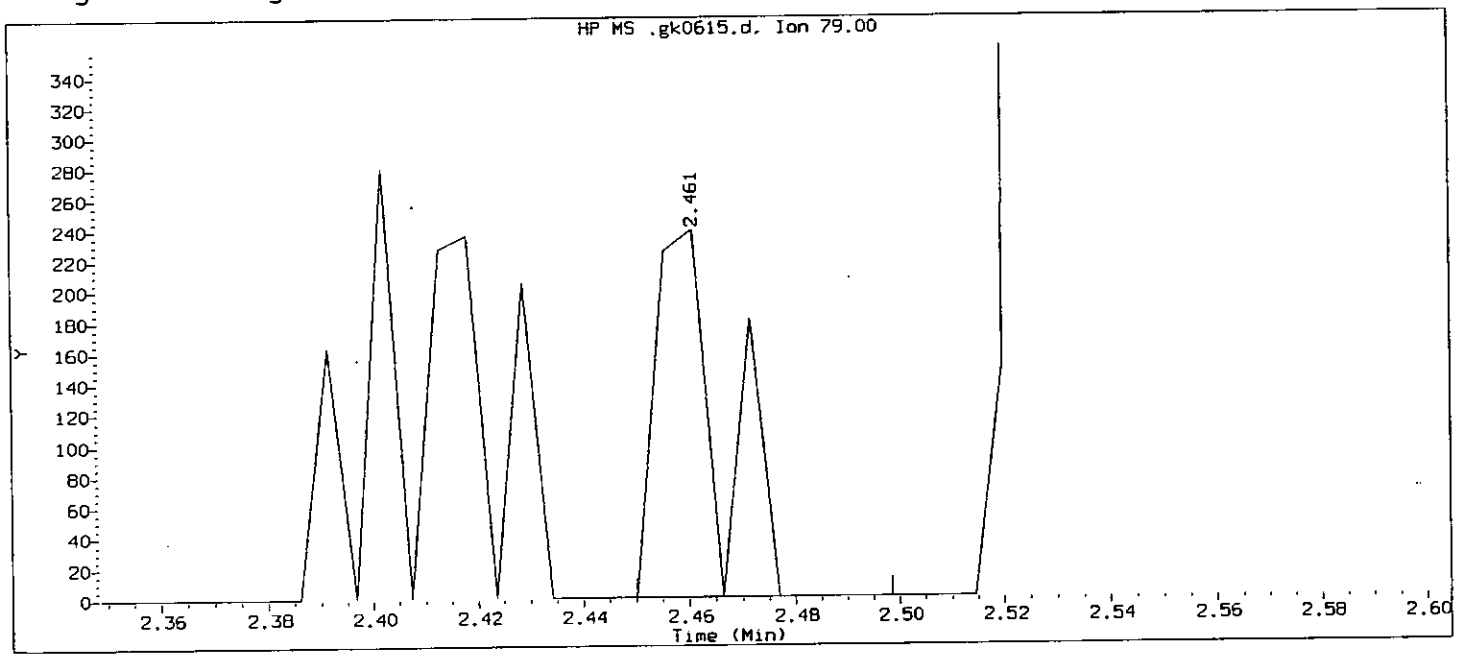
GC/MS audit/management approval: 11/16/07 0504

Manual Integration Report for data file /chem/HP11165.i/07nov15a.b/gk0615.d, generated on 11/15/2007 at 19:11

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP11165.i/07nov15a.b/gk0615.d Instrument ID: HP11165.i
Injection date and time: 15-NOV-2007 18:34 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07nov15a.b/minti.m Sublist used: all

Calibration date and time: 15-NOV-2007 18:52
Date, time and analyst ID of latest file update: 15-Nov-2007 18:52 Automation

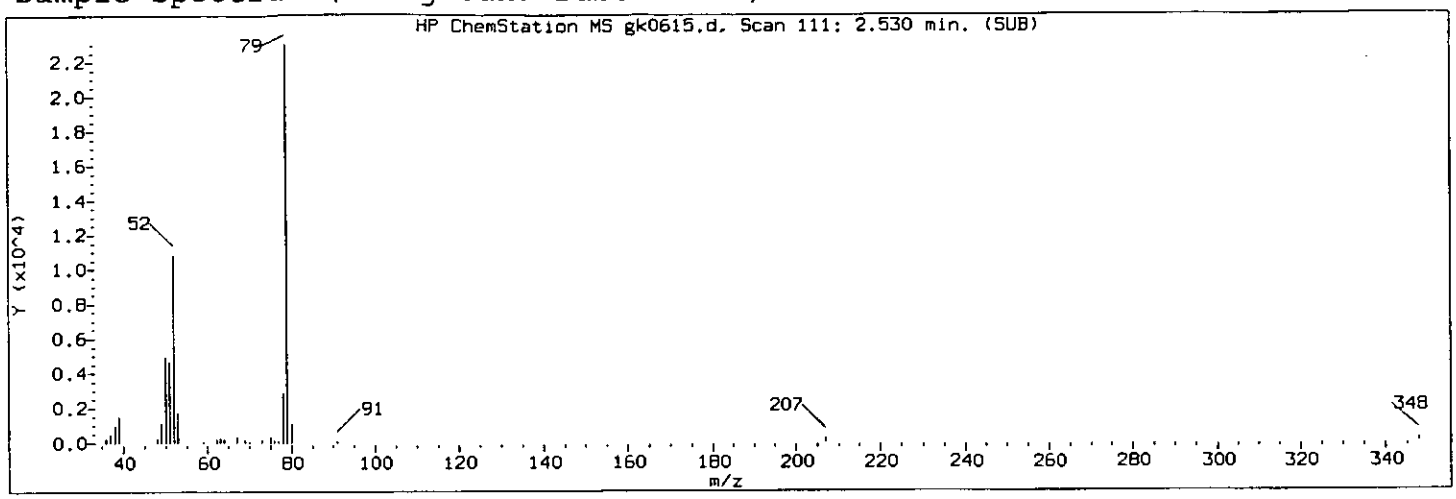
Sample Name: SSTD015 Lab Sample ID: STD3107

Compound Number	: 3
Compound Name	: Pyridine
Scan Number	: 98
Retention Time (minutes)	: 2.461
Quant Ion	: 79
Area	: 206
Concentration (ng/ul)	: 0.0296
Integration start scan	: 95 Integration stop scan: 104
Y at integration start	: 0 Y at integration end: 0

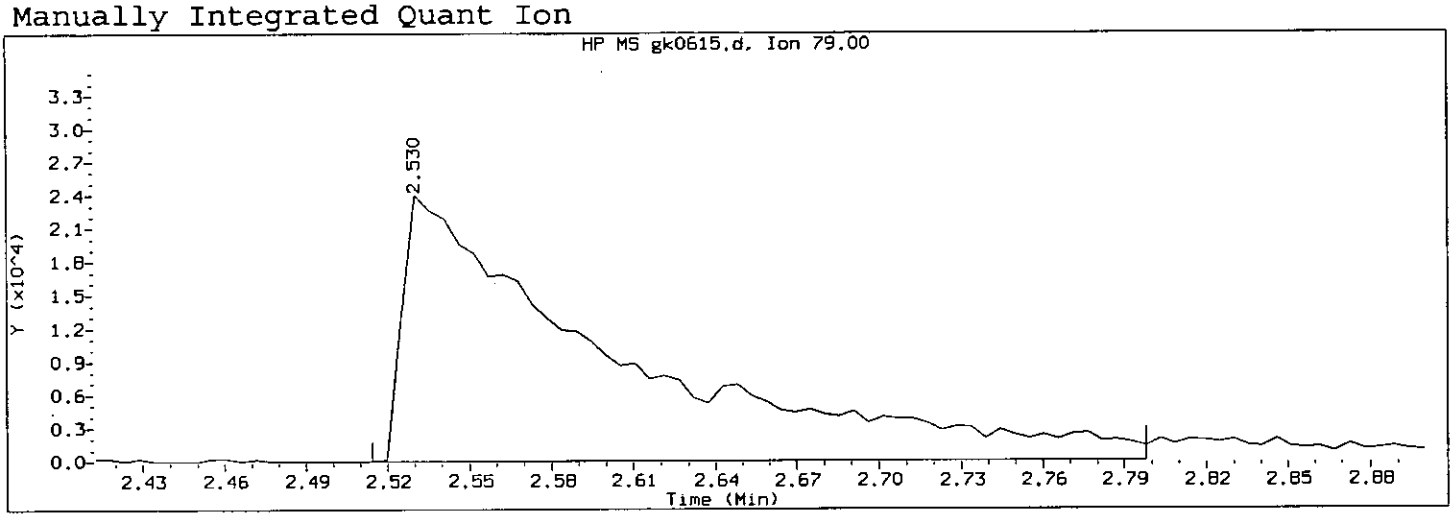
GJ 11/15/07

Original Integration Report for data file /chem/HP11165.i/07nov15a.b/gk0615.d, generated on 11/15/2007 at 19:11

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP11165.i/07nov15a.b/gk0615.d Instrument ID: HP11165.i
Injection date and time: 15-NOV-2007 18:34 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07nov15a.b/minti.m Sublist used: all1
Calibration date and time: 15-NOV-2007 19:11
Date, time and analyst ID of latest file update: 15-Nov-2007 19:11 gjd01970

Sample Name: SSTD015 Lab Sample ID: STD3107

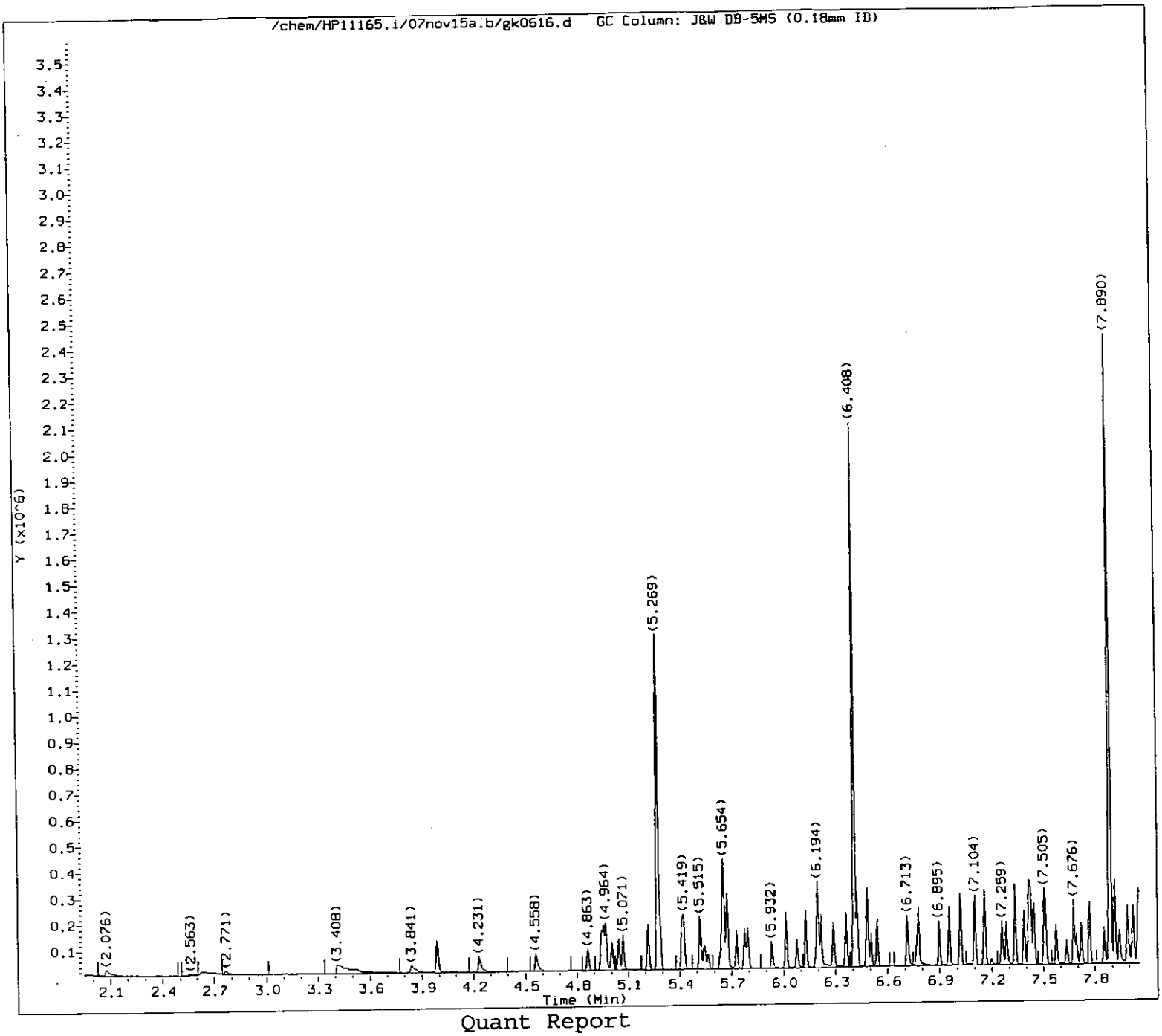
Compound Number : 3
Compound Name : Pyridine
Scan Number : 111
Retention Time (minutes): 2.530
Quant Ion : 79
Area (flag) : 126436AM
Concentration (ng/ul) : 14.5752
Integration start scan : 107 Integration stop scan: 160
Y at integration start : 28 Y at integration end: 28

Reason for manual integration (circle one): missed peak improper integration

Analyst responsible for change: 1976 11/15/07

GC/MS audit/management approval: BBM706 11/16/07 8506

Manual Integration Report for data file /chem/HP11165.i/07nov15a.b/gk0615.d, generated on 11/15/2007 at 19:11



Quant Report

Target Revision 3.5

Data File: /chem/HP11165.i/07nov15a.b/gk0616.d
Injection date and time: 15-NOV-2007 18:59

Instrument ID: HP11165.i
Analyst ID: gjd01970

Method used: /chem/HP11165.i/07nov15a.b/minti.m
Calibration date and time: 15-NOV-2007 19:26

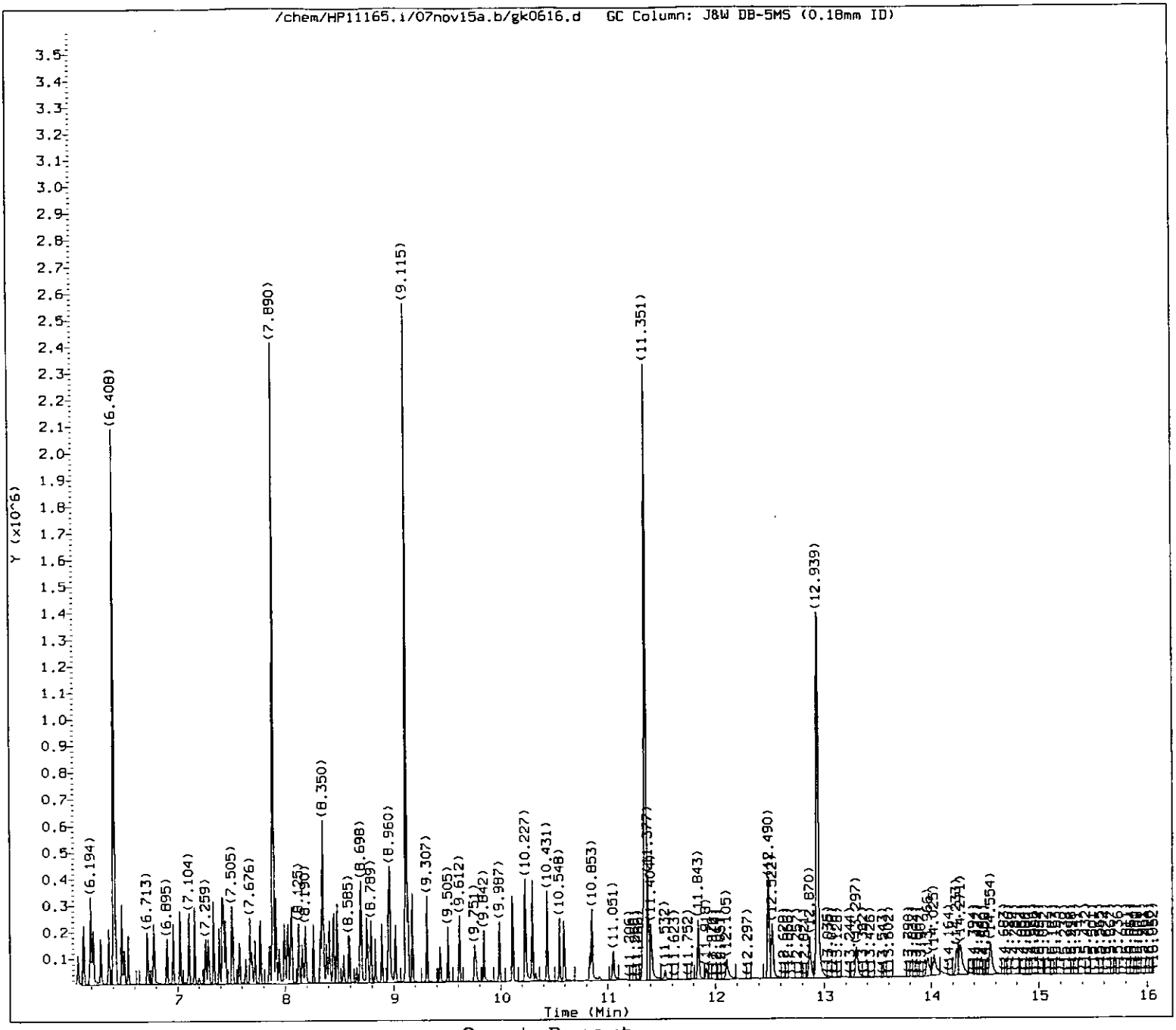
Sublist used: all1

Date, time and analyst ID of latest file update: 15-Nov-2007 19:26 gjd01970

Sample Name: SSTD005

Lab Sample ID: STD3107

8587
GJM
11/15/07



Quant Report

Target Revision 3.5

Data File: /chem/HP11165.i/07nov15a.b/gk0616.d Instrument ID: HP11165.i
Injection date and time: 15-NOV-2007 18:59 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07nov15a.b/minti.m Sublist used: all1
Calibration date and time: 15-NOV-2007 19:26
Date, time and analyst ID of latest file update: 15-Nov-2007 19:26 gjd01970

Sample Name: SSTD005 Lab Sample ID: STD3107

gjd01970
11/15/07

Quant Report

Target Revision 3.5

Data File: /chem/HP11165.i/07nov15a.b/gk0616.d Instrument ID: HP11165.i
Injection date and time: 15-NOV-2007 18:59 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07nov15a.b/minti.m Sublist used: all1
Calibration date and time: 15-NOV-2007 19:26
Date, time and analyst ID of latest file update: 15-Nov-2007 19:26 gjd01970

Sample Name: SSTD005 Lab Sample ID: STD3107

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
1) 1,4-Dioxane	(1)	2.076	88	18220M	5.088
2) N-Nitrosodimethylamine	(1)	2.563	74	19622M	4.284
3) Pyridine	(1)	2.632	79	39640M	4.664
5) 2-Picoline	(1)	3.408	93	36292M	4.500
6) N-Nitrosomethylethylamine	(1)	3.520	88	19881	4.902
7) Methyl methanesulfonate	(1)	3.841	80	17095	4.703
10) N-Nitrosodiethylamine	(1)	4.231	102	16568	4.385
11) Ethyl methanesulfonate	(1)	4.558	109	15098	4.518
13) Aniline	(1)	4.964	93	59632	4.699
16) Phenol	(1)	4.954	94	49421	4.582
17) Pentachloroethane	(1)	5.007	167	9662	4.714
18) bis(2-Chloroethyl)ether	(1)	5.045	93	38872	4.985
19) 2-Chlorophenol	(1)	5.071	128	27869	4.717
20) 1,3-Dichlorobenzene	(1)	5.216	146	28705	4.847
21) 1,4-Dichlorobenzene-d4	(1)	5.274	152	154169	40.000
22) 1,4-Dichlorobenzene	(1)	5.285	146	30328	4.981
24) Benzyl alcohol	(1)	5.414	108	22814	4.657
25) 1,2-Dichlorobenzene	(1)	5.424	146	28190	4.921
26) 2-Methylphenol	(1)	5.515	108	32264	4.592
27) 2,2'-oxybis(1-Chloropropane)	(1)	5.542	45	46033	4.998
28) bis(2-Chloroisopropyl)ether	(1)	5.542	45	46033	4.998
29) N-Nitrosopyrrolidine	(1)	5.633	100	16097	4.223
30) Acetophenone	(1)	5.649	105	47908	4.824
31) N-Nitroso-di-n-propylamine	(1)	5.654	70	31201	4.916
32) N-Nitrosomorpholine	(1)	5.670	56	18194	4.404
33) 4-Methylphenol	(1)	5.654	108	36541	4.724
34) o-Toluidine	(1)	5.676	106	57124	4.778
37) Hexachloroethane	(1)	5.729	117	12187	4.740
39) Nitrobenzene	(2)	5.793	77	42525	4.794
40) N-Nitrosopiperidine	(2)	5.932	114	15398	4.617
41) Isophorone	(2)	6.013	82	68876	4.538
42) 2-Nitrophenol	(2)	6.077	139	12266	4.331
44) 2,4-Dimethylphenol	(2)	6.130	107	33973	4.607
45) O,O,O-triethylphosphorothioate	(2)	6.194	198	13785	4.591
46) bis(2-Chloroethoxy)methane	(2)	6.216	93	43166	4.843
47) Benzoic acid	(2)	6.200	105	48345	9.782
49) 2,4-Dichlorophenol	(2)	6.285	162	21527	4.521
50) 1,2,4-Trichlorobenzene	(2)	6.360	180	23654	4.798
52) Naphthalene-d8	(2)	6.408	136	618258	40.000
53) Naphthalene	(2)	6.424	128	83962	4.804
55) 4-Chloroaniline	(2)	6.478	127	31741	4.602
56) 2,6-Dichlorophenol	(2)	6.483	162	20789	4.580
57) Hexachloropropene	(2)	6.505	213	13265	4.256

M = Compound was manually integrated. A = User selected an alternate hit

Quant Report

Target Revision 3.5

Data File: /chem/HP11165.i/07nov15a.b/gk0616.d Instrument ID: HP11165.i
Injection date and time: 15-NOV-2007 18:59 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07nov15a.b/minti.m Sublist used: all1
Calibration date and time: 15-NOV-2007 19:26
Date, time and analyst ID of latest file update: 15-Nov-2007 19:26 gjd01970

Sample Name: SSTD005 Lab Sample ID: STD3107

	Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
59)	Hexachlorobutadiene	(2)	6.542	225	15142	5.028
62)	Caprolactam	(2)	6.767	113	11021	4.509
63)	N-Nitrosodi-n-butylamine	(2)	6.777	84	34227	5.152
67)	4-Chloro-3-methylphenol	(2)	6.900	107	29892	4.651
68)	Safrole	(2)	6.954	162	19903	4.470
69)	2-Methylnaphthalene	(2)	7.018	142	54783	4.879
70)	1-Methylnaphthalene	(2)	7.104	142	53968	4.836
71)	Hexachlorocyclopentadiene	(3)	7.152	237	8660	3.435
72)	1,2,4,5-Tetrachlorobenzene	(3)	7.157	216	26497	4.921
73)	cis-Isosafrole	(3)	7.200	162	2445	0.571
74)	2,4,6-Trichlorophenol	(3)	7.259	196	14598	4.196
76)	2,4,5-Trichlorophenol	(3)	7.286	196	18678	4.627
78)	trans-Isosafrole	(3)	7.387	162	21520	3.932
79)	Isosafrole	(3)	7.387	162	21520	4.418
80)	Biphenyl	(3)	7.414	154	69859	4.821
81)	Diphenyl	(3)	7.414	154	69859	4.821
82)	1,1'-Biphenyl	(3)	7.414	154	69859	4.821
83)	2-Chloronaphthalene	(3)	7.425	162	57414	4.542
87)	Diphenyl ether	(3)	7.505	170	40493	4.948
88)	2-Nitroaniline	(3)	7.516	138	14614	3.977
89)	1,4-Naphthoquinone	(3)	7.580	158	16732	4.139
90)	1,4-Dinitrobenzene	(3)	7.633	168	6454	3.378
91)	Dimethylphthalate	(3)	7.676	163	58328	4.746
92)	1,3-Dinitrobenzene	(3)	7.692	168	7986	3.585
93)	2,6-Dinitrotoluene	(3)	7.719	165	11625	4.209
94)	Acenaphthylene	(3)	7.772	152	80284	4.722
96)	3-Nitroaniline	(3)	7.853	138	14144	4.258
97)	Acenaphthene-d10	(3)	7.890	164	376939	40.000
98)	Acenaphthene	(3)	7.917	153	54764	4.854
99)	2,4-Dinitrophenol	(3)	7.943	184	15074	9.372
100)	Pentachlorobenzene	(3)	8.024	250	24524	4.898
102)	4-Nitrophenol	(3)	7.992	109	17689	7.524
103)	Dibenzofuran	(3)	8.061	168	80832	4.888
104)	2,4-Dinitrotoluene	(3)	8.050	165	15619	4.283
105)	1-Naphthylamine	(3)	8.125	143	51495	4.606
106)	2,3,4,6-Tetrachlorophenol	(3)	8.157	232	13851	4.234
107)	2-Naphthylamine	(3)	8.190	143	54135	4.744
108)	Diethylphthalate	(3)	8.259	149	61250	4.824
109)	Thionazin	(3)	8.329	107	13335	5.206
110)	Fluorene	(3)	8.345	166	67082	4.858
111)	4-Chlorophenyl-phenylether	(3)	8.350	204	32525	4.778
112)	5-Nitro-o-toluidine	(3)	8.350	152	18981	4.787
113)	4-Nitroaniline	(3)	8.355	138	16726	4.606

M = Compound was manually integrated. A = User selected an alternate hit

Quant Report

Target Revision 3.5

Data File: /chem/HP11165.i/07nov15a.b/gk0616.d Instrument ID: HP11165.i
Injection date and time: 15-NOV-2007 18:59 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07nov15a.b/minti.m Sublist used: all1
Calibration date and time: 15-NOV-2007 19:26
Date, time and analyst ID of latest file update: 15-Nov-2007 19:26 gjd01970

Sample Name: SSTD005 Lab Sample ID: STD3107

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
114) 4,6-Dinitro-2-methylphenol	(4)	8.382	198	15192	6.908
115) 1-Nitronaphthalene	(4)	8.409	173	12254	4.648
116) N-Nitrosodiphenylamine	(4)	8.446	169	47920	4.754
117) 1,2-Diphenylhydrazine	(4)	8.478	77	90485	4.765
119) Tetraethyldithiopyrophosphate	(4)	8.585	97	11385	4.581
120) 1,3,5-Trinitrobenzene	(4)	8.660	213	3876	2.742
121) Diallate (peak 1)	(4)	8.687	86	28267	3.550
122) Phorate	(4)	8.698	75	43302	4.244
123) Phenacetin	(4)	8.698	108	35117	4.449
124) 4-Bromophenyl-phenylether	(4)	8.751	248	18881	4.782
125) Diallate (peak 2)	(4)	8.762	86	8253	1.103
126) Hexachlorobenzene	(4)	8.789	284	21709	4.833
127) Dimethoate	(4)	8.826	87	27355	4.787
128) Diallate TRANS/CIS	(4)	23.156	86	36520	4.657
130) Pentachlorophenol	(4)	8.954	266	33106	12.463
131) Pentachloronitrobenzene	(4)	8.965	237	8312	4.936
132) 4-Aminobiphenyl	(4)	8.965	169	57464	4.604
133) Pronamide	(4)	9.019	173	22698	4.236
134) Phenanthrene-d10	(4)	9.115	188	734837	40.000
135) Dinoseb	(4)	9.115	211	6745	2.387
136) Phenanthrene	(4)	9.131	178	95571	4.904
137) Anthracene	(4)	9.174	178	93834	4.726
139) Carbazole	(4)	9.307	167	91656	4.734
140) Methyl parathion	(4)	9.430	109	15283	3.830
141) Di-n-butylphthalate	(4)	9.612	149	89097	4.312
142) Parathion	(4)	9.751	109	9092	3.350
143) 4-Nitroquinoline-1-oxide	(4)	9.767	190	3220	2.241
144) Methapyrilene	(4)	9.842	97	29425	4.860
145) Isodrin	(4)	9.987	193	9784	4.779
146) Fluoranthene	(4)	10.104	202	106966	4.563
151) Benzidine	(5)	10.227	184	136858	11.466
153) Pyrene	(5)	10.292	202	110817	4.655
157) p-Dimethylaminoazobenzene	(5)	10.548	225	19056	3.976
158) Chlorobenzilate	(5)	10.591	139	27102	4.365
159) 3,3'-Dimethylbenzidine	(5)	10.832	212	36312	3.475
160) Butylbenzylphthalate	(5)	10.853	149	42445	4.432
161) 2-Acetylaminofluorene	(5)	11.051	181	24448	3.338
163) 3,3'-Dichlorobenzidine	(5)	11.329	252	31065	3.811
164) 4,4'-Methylenebis(2-Chloroanil	(5)	11.335	231	15834	3.851
165) Benzo(a)anthracene	(5)	11.345	228	107893	4.566
166) Chrysene-d12	(5)	11.356	240	804706	40.000
167) Chrysene	(5)	11.377	228	114209	4.818
168) bis(2-Ethylhexyl)phthalate	(5)	11.404	149	50152	4.073

M = Compound was manually integrated. A = User selected an alternate hit

Quant Report

Target Revision 3.5

Data File: /chem/HP11165.i/07nov15a.b/gk0616.d Instrument ID: HP11165.i
Injection date and time: 15-NOV-2007 18:59 Analyst ID: gjd01970

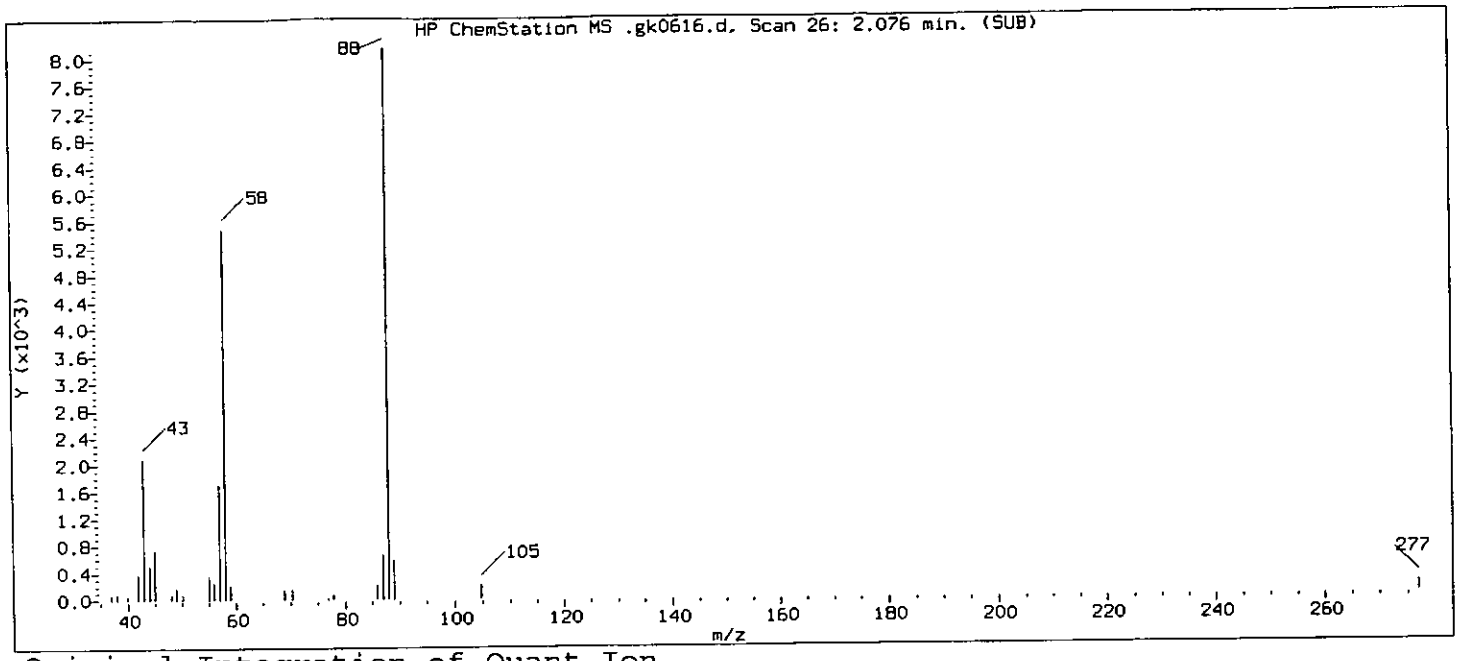
Method used: /chem/HP11165.i/07nov15a.b/minti.m Sublist used: all1
Calibration date and time: 15-NOV-2007 19:26
Date, time and analyst ID of latest file update: 15-Nov-2007 19:26 gjd01970

Sample Name: SSTD005 Lab Sample ID: STD3107

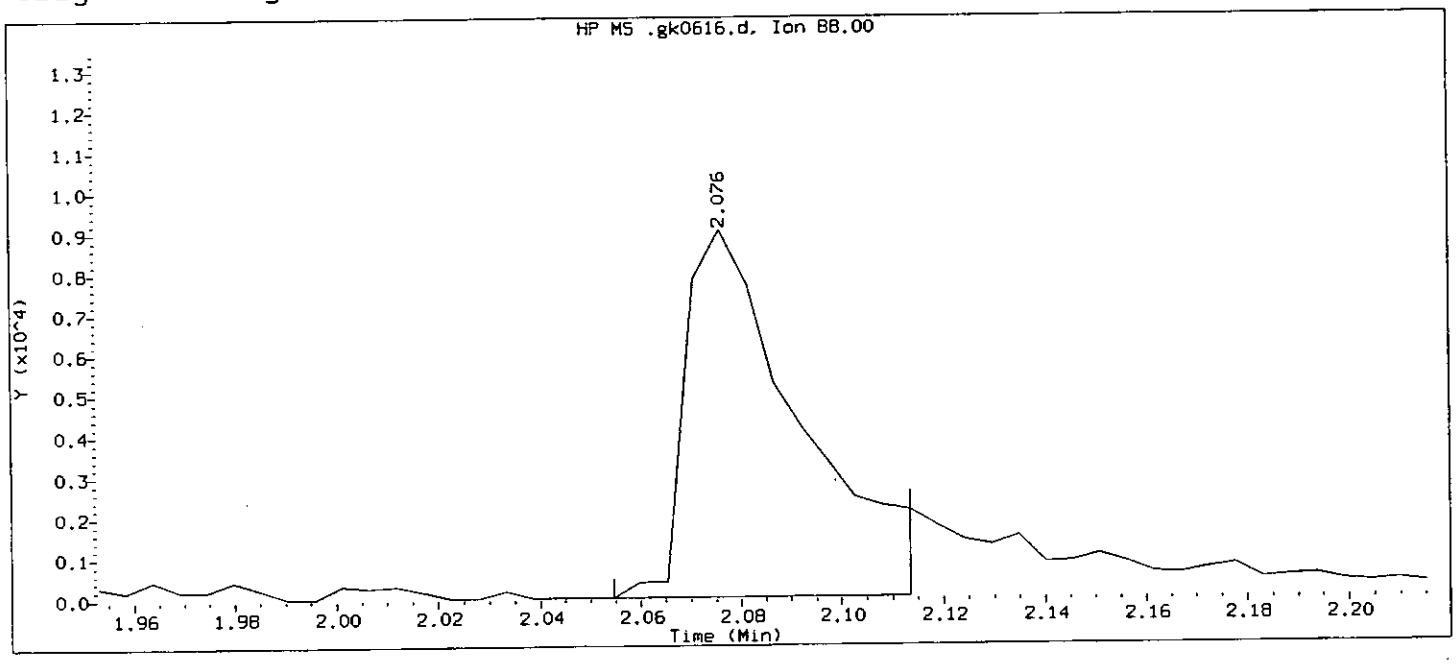
	Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
188)	6-Methylchrysene	(5)	11.843	242	67792	4.362
169)	Di-n-octylphthalate	(6)	12.105	149	54600	3.032
189)	Dibenz(a,h)acridine	(6)	13.966	279	52132M	3.421
190)	Dibenz(a,j)acridine	(6)	14.025	279	65278	3.607
170)	7,12-Dimethylbenz[a]anthracene	(6)	12.490	256	39635	3.705
171)	Benzo(b)fluoranthene	(6)	12.490	252	93353M	4.096
194)	Ronnel	(4)	9.505	285	22207	4.561
172)	Benzo(k)fluoranthene	(6)	12.522	252	110865M	4.622
173)	Benzo(a)pyrene	(6)	12.870	252	80258	3.967
174)	Perylene-d12	(6)	12.939	264	596450	40.000
175)	3-Methylcholanthrene	(6)	13.297	268	42410	3.725
176)	Indeno(1,2,3-cd)pyrene	(6)	14.233	276	104176	4.159
177)	Dibenz(a,h)anthracene	(6)	14.271	278	81317	4.038
178)	Benzo(g,h,i)perylene	(6)	14.554	276	93216	4.330
84)	1-Chloronaphthalene	(3)	7.446	162	50817	4.859
9)	2-Fluorophenol	(1)	3.985	112	29835	4.546
14)	Phenol-d5	(1)	4.943	99	40385	4.405
15)	Phenol-d6	(1)	4.943	99	40385	4.405
38)	Nitrobenzene-d5	(2)	5.777	82	38457	4.611
77)	2-Fluorobiphenyl	(3)	7.334	172	62254	4.898
118)	2,4,6-Tribromophenol	(3)	8.537	330	8607	4.020
155)	Terphenyl-d14	(5)	10.431	244	81532	4.674

M = Compound was manually integrated. A = User selected an alternate hit

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP11165.i/07nov15a.b/gk0616.d Instrument ID: HP11165.i
Injection date and time: 15-NOV-2007 18:59 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07nov15a.b/minti.m Sublist used: all
Calibration date and time: 15-NOV-2007 19:17
Date, time and analyst ID of latest file update: 15-Nov-2007 19:17 Automation

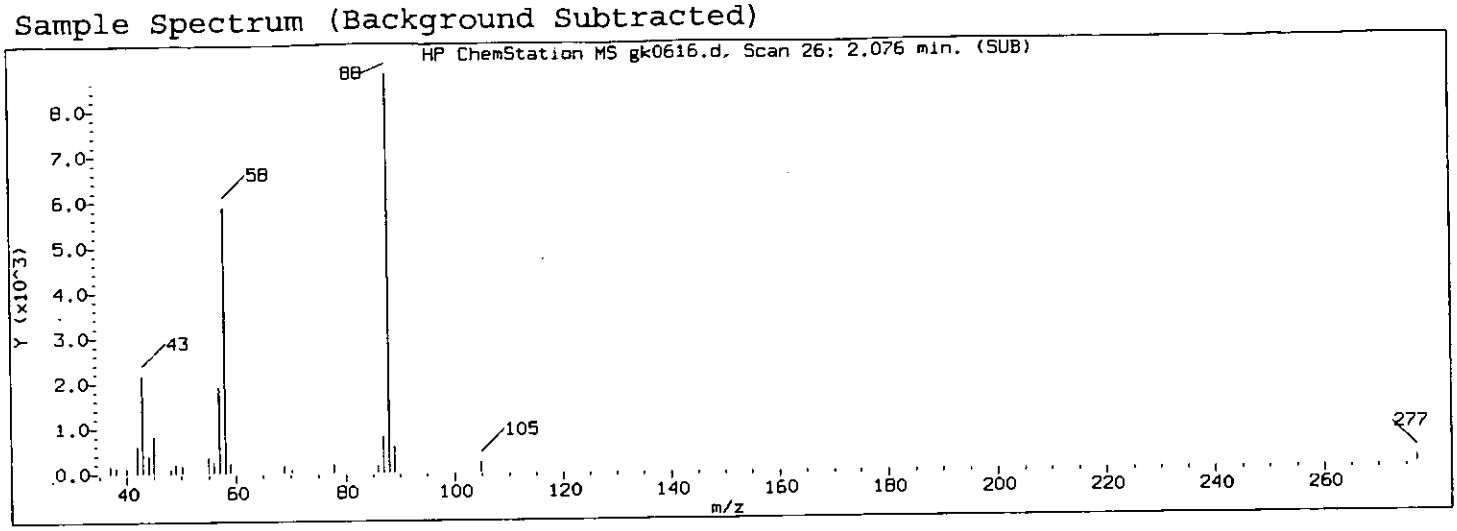
Sample Name: SSTD005 Lab Sample ID: STD3107

Compound Number : 1
Compound Name : 1,4-Dioxane
Scan Number : 26
Retention Time (minutes): 2.076
Quant Ion : 88
Area : 14061
Concentration (ng/ul) : 4.0851
Integration start scan : 21 Integration stop scan: 32
Y at integration start : 0 Y at integration end: 0

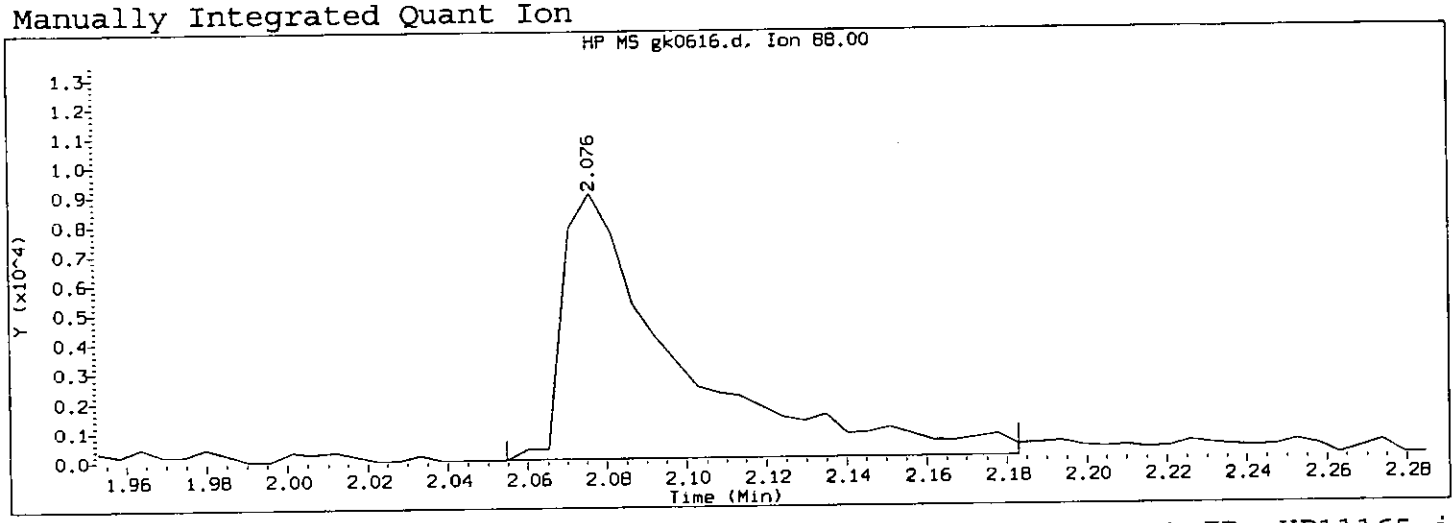
GJD 1970
8513
11/15/7

Original Integration Report for data file /chem/HP11165.i/07nov15a.b/gk0616.d, generated on 11/15/2007 at 19:26

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP11165.i/07nov15a.b/gk0616.d Instrument ID: HP11165.i
Injection date and time: 15-NOV-2007 18:59 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07nov15a.b/minti.m Sublist used: all1
Calibration date and time: 15-NOV-2007 19:26
Date, time and analyst ID of latest file update: 15-Nov-2007 19:26 gjd01970

Sample Name: SSTD005 Lab Sample ID: STD3107

Compound Number : 1
Compound Name : 1,4-Dioxane
Scan Number : 26
Retention Time (minutes): 2.076
Quant Ion : 88
Area (flag) : 18220 M
Concentration (ng/ul) : 5.0883
Integration start scan : 21 Integration stop scan: 45
Y at integration start : 15 Y at integration end: 15

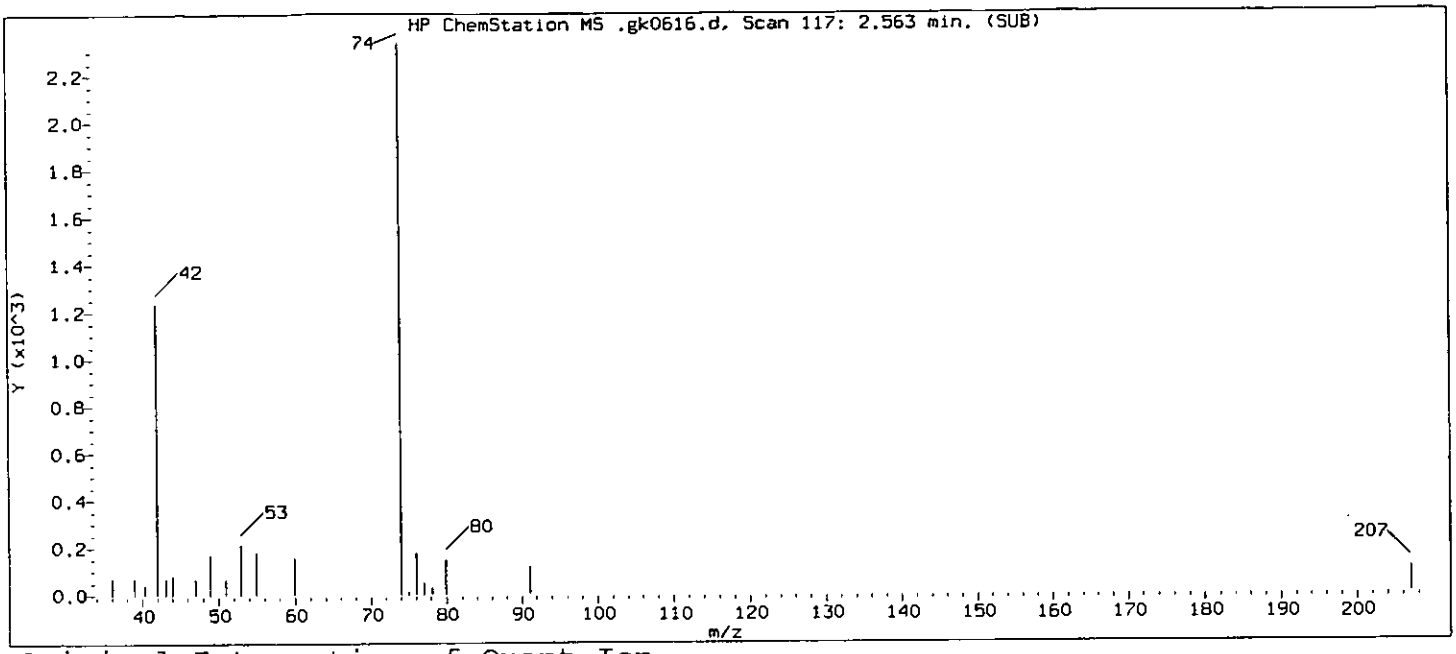
Reason for manual integration (circle one): missed peak improper integration

Analyst responsible for change: 1970 11/15/07

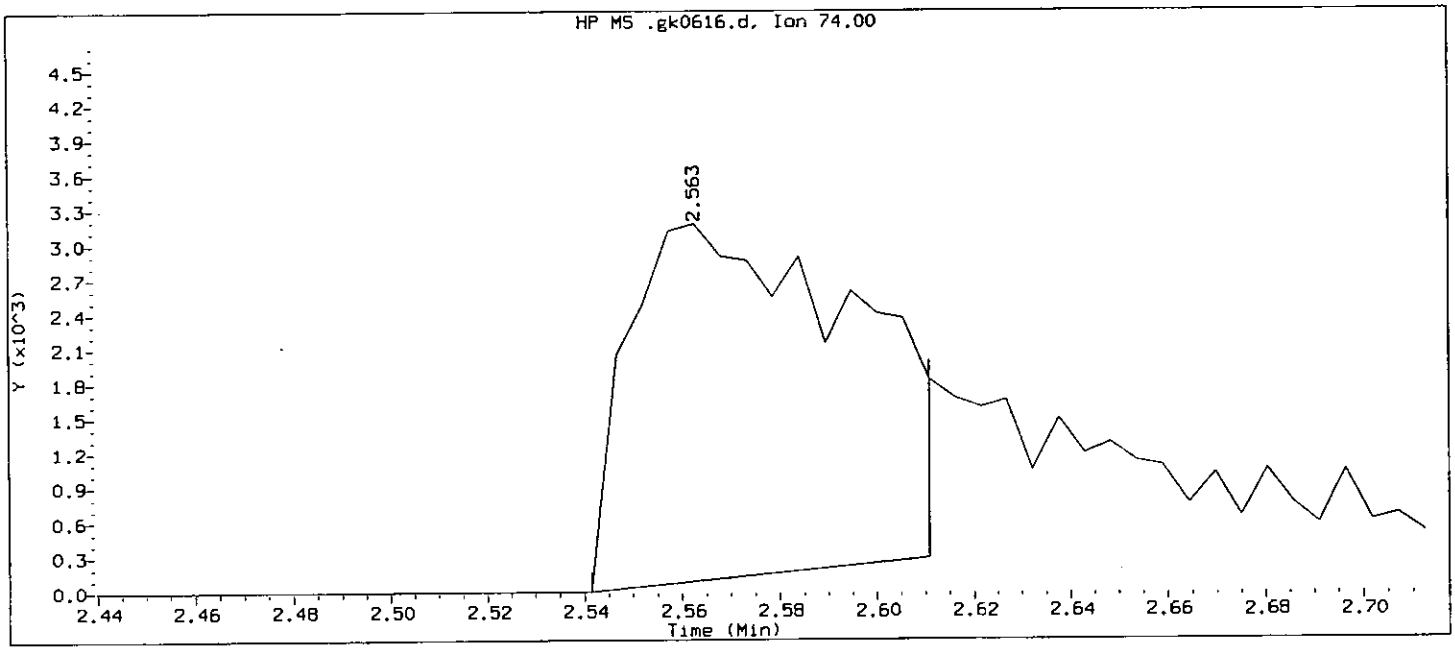
GC/MS audit/management approval: 11/16/07

Manual Integration Report for data file /chem/HP11165.i/07nov15a.b/gk0616.d, generated on 11/15/2007 at 19:26

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP11165.i/07nov15a.b/gk0616.d Instrument ID: HP11165.i
Injection date and time: 15-NOV-2007 18:59 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07nov15a.b/minti.m Sublist used: all1
Calibration date and time: 15-NOV-2007 19:17
Date, time and analyst ID of latest file update: 15-Nov-2007 19:17 Automation

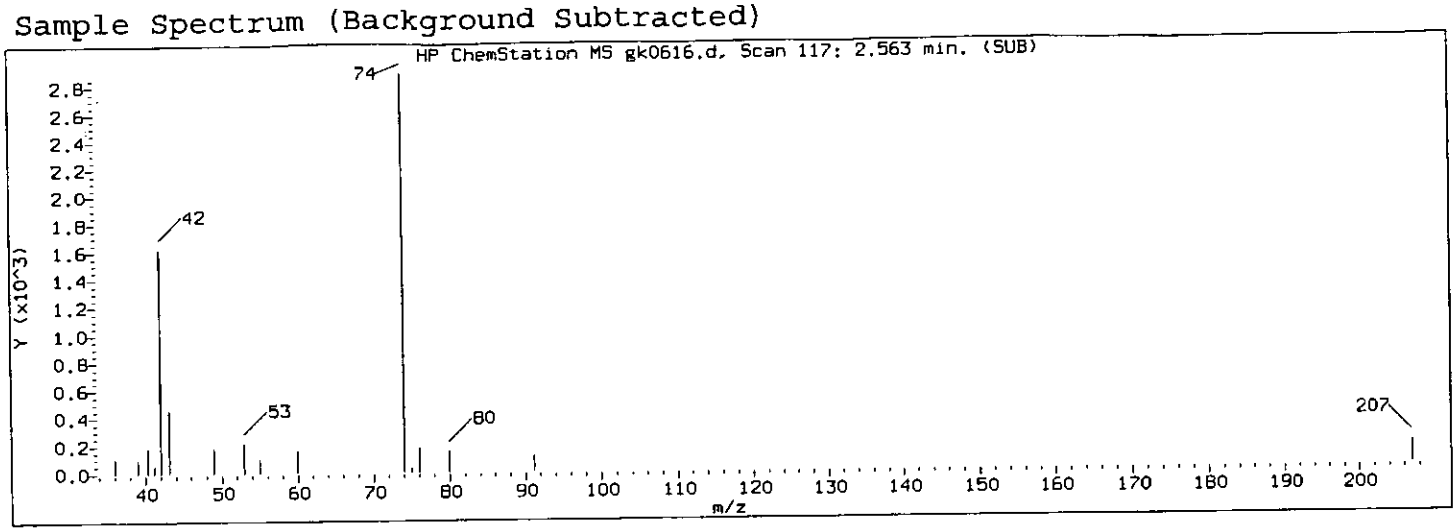
Sample Name: SSTD005 Lab Sample ID: STD3107

Compound Number : 2
Compound Name : N-Nitrosodimethylamine
Scan Number : 117
Retention Time (minutes): 2.563
Quant Ion : 74
Area : 9804
Concentration (ng/ul) : 2.3050
Integration start scan : 112 Integration stop scan: 125
Y at integration start : 0 Y at integration end: 288

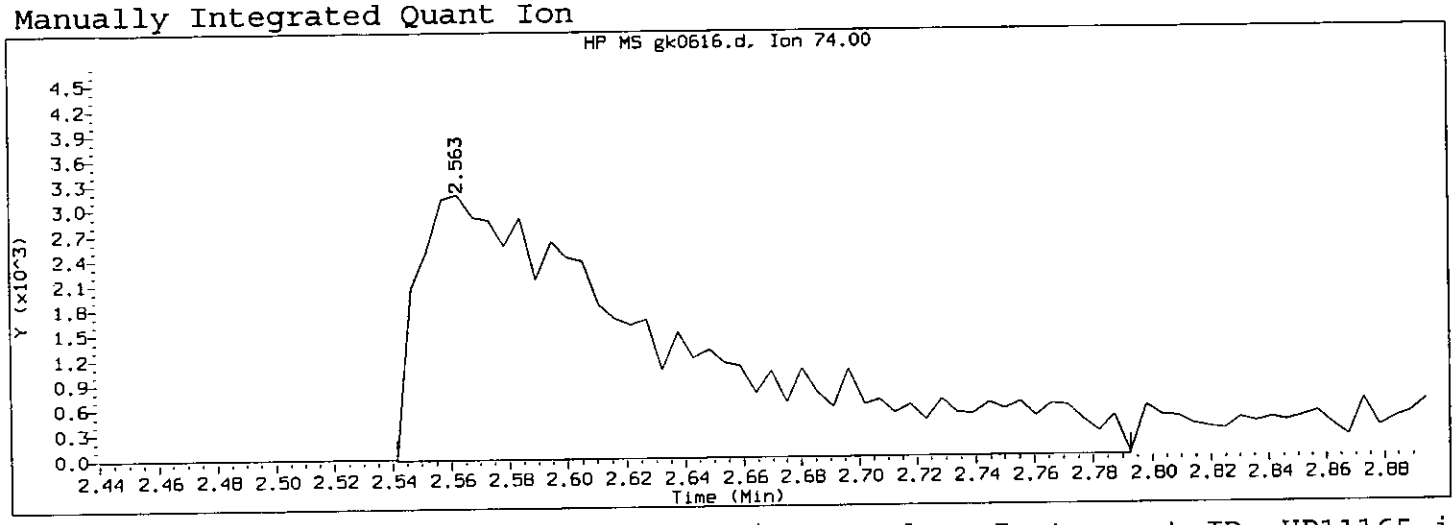
GJ 1970
11/15/07
8515

Original Integration Report for data file /chem/HP11165.i/07nov15a.b/gk0616.d, generated on 11/15/2007 at 19:26

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP11165.i/07nov15a.b/gk0616.d Instrument ID: HP11165.i
Injection date and time: 15-NOV-2007 18:59 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07nov15a.b/minti.m Sublist used: all1
Calibration date and time: 15-NOV-2007 19:26
Date, time and analyst ID of latest file update: 15-Nov-2007 19:26 gjd01970

Sample Name: SSTD005 Lab Sample ID: STD3107

Compound Number : 2
Compound Name : N-Nitrosodimethylamine
Scan Number : 117
Retention Time (minutes): 2.563
Quant Ion : 74
Area (flag) : 19622 M
Concentration (ng/ul) : 4.2836
Integration start scan : 112 Integration stop scan: 159
Y at integration start : -19 Y at integration end: -19

Reason for manual integration (circle one): missed peak improper integration

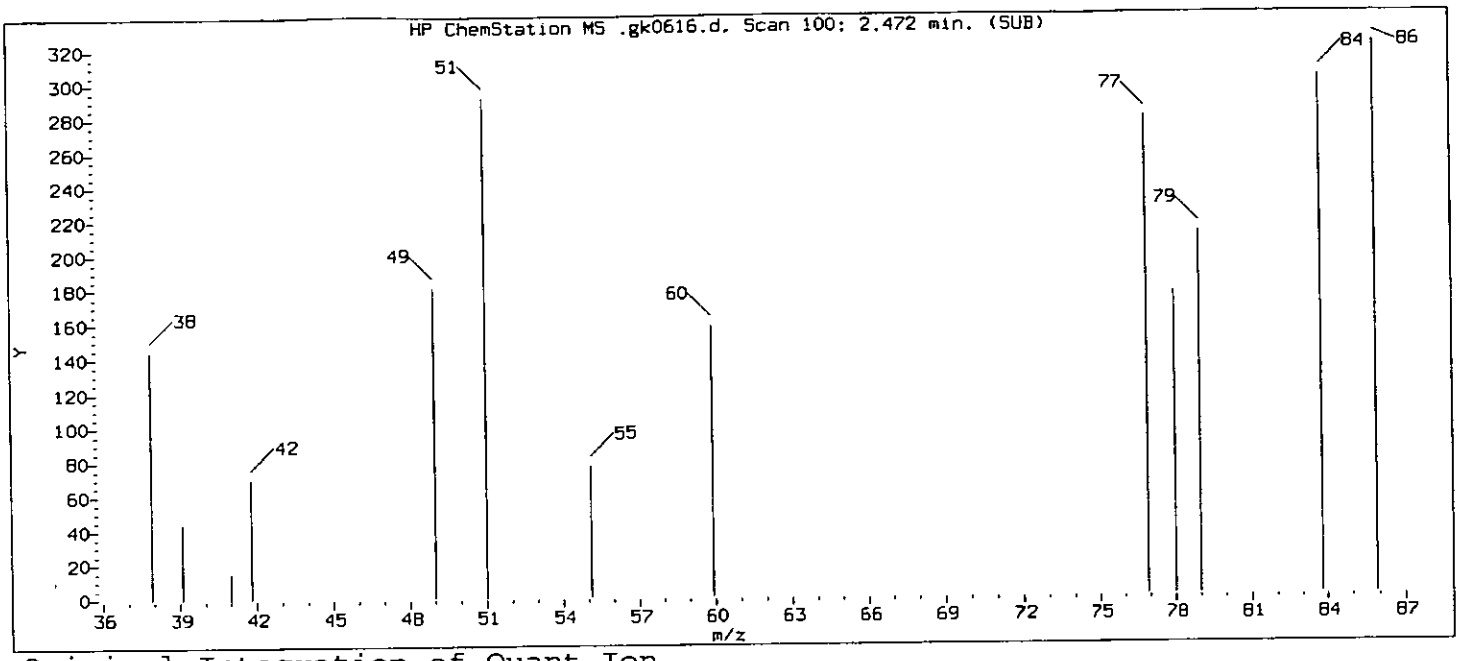
Analyst responsible for change: 1970 11/15/07

0516

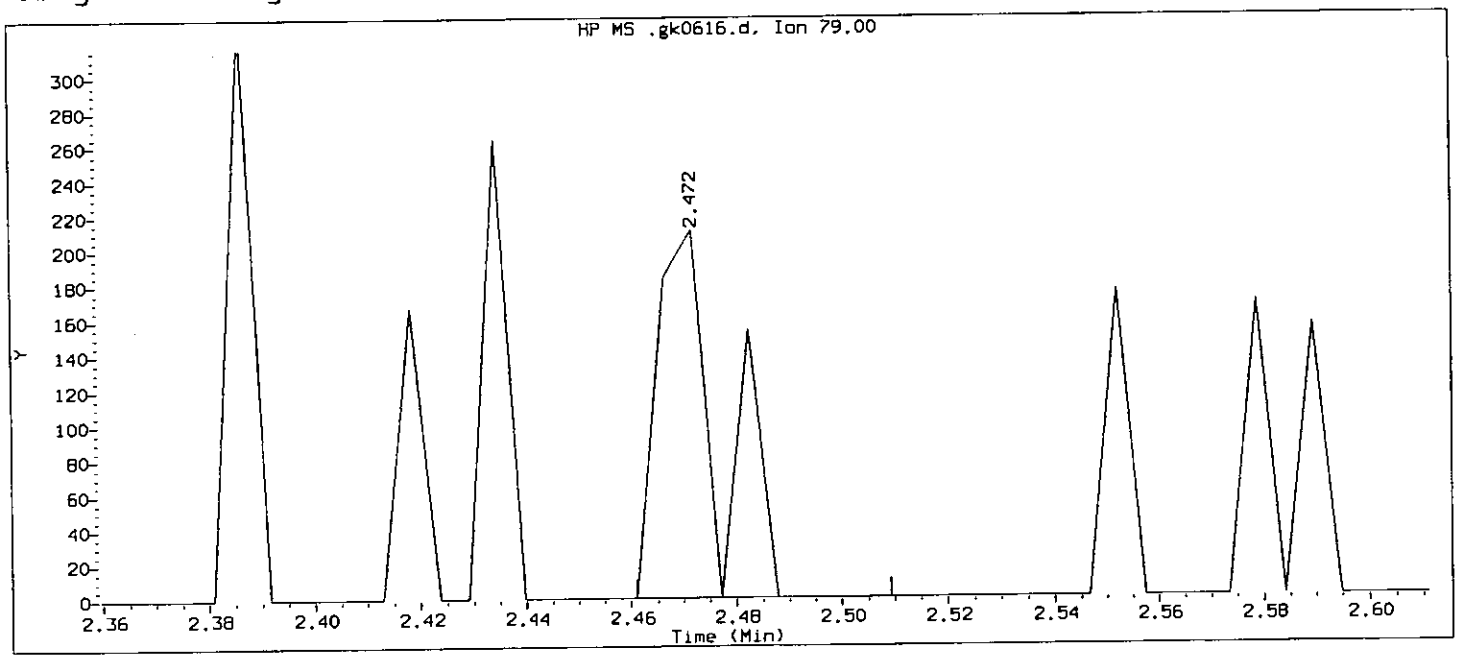
GC/MS audit/management approval: 11/16/07

Manual Integration Report for data file /chem/HP11165.i/07nov15a.b/gk0616.d, generated on 11/15/2007 at 19:26

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP11165.i/07nov15a.b/gk0616.d Instrument ID: HP11165.i
Injection date and time: 15-NOV-2007 18:59 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07nov15a.b/minti.m Sublist used: all
Calibration date and time: 15-NOV-2007 19:17
Date, time and analyst ID of latest file update: 15-Nov-2007 19:17 Automation

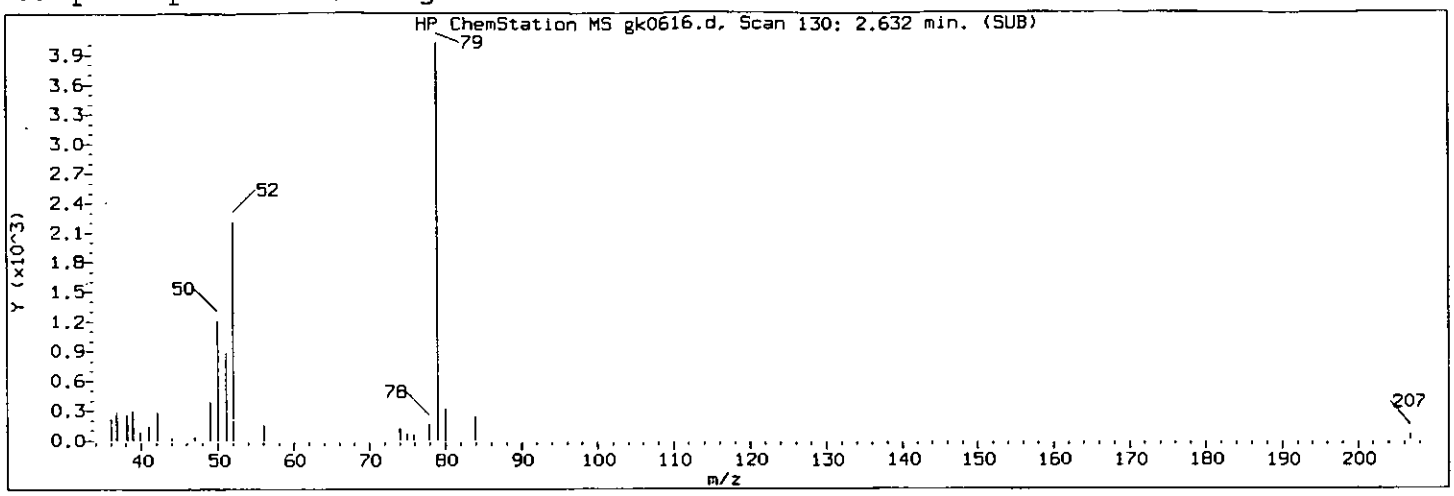
Sample Name: SSTD005 Lab Sample ID: STD3107

Compound Number	: 3
Compound Name	: Pyridine
Scan Number	: 100
Retention Time (minutes)	: 2.472
Quant Ion	: 79
Area	: 176
Concentration (ng/ul)	: 0.0245
Integration start scan	: 97 Integration stop scan: 106
Y at integration start	: 0 Y at integration end: 0

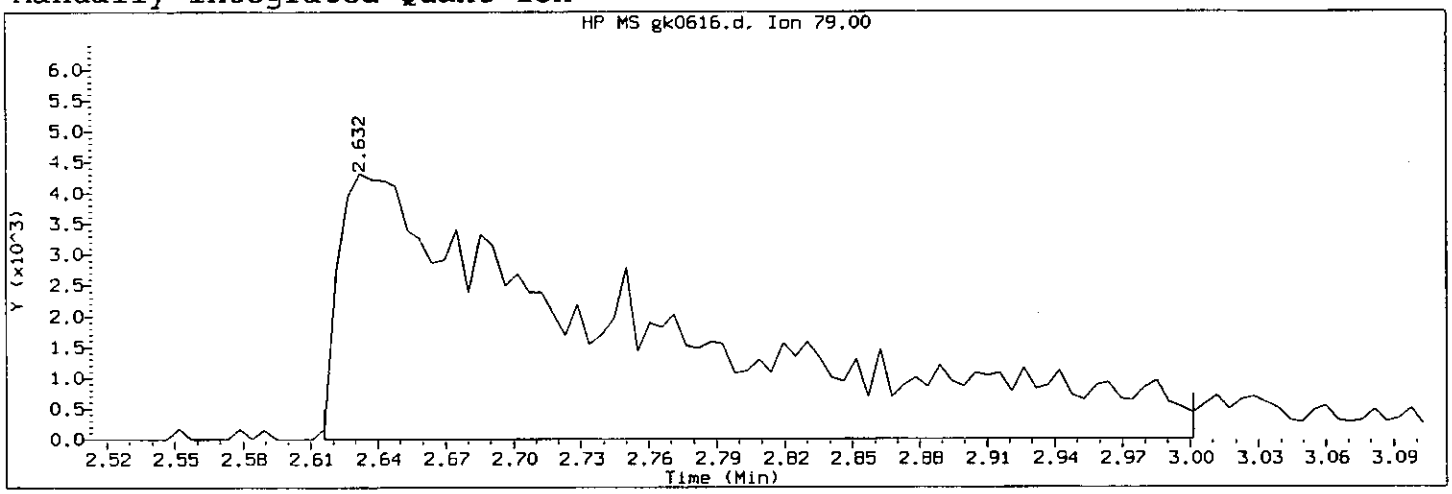
GJD 11/15/07

Original Integration Report for data file /chem/HP11165.i/07nov15a.b/gk0616.d, generated on 11/15/2007 at 19:26

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP11165.i/07nov15a.b/gk0616.d Instrument ID: HP11165.i
Injection date and time: 15-NOV-2007 18:59 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07nov15a.b/minti.m Sublist used: all
Calibration date and time: 15-NOV-2007 19:26
Date, time and analyst ID of latest file update: 15-Nov-2007 19:26 gjd01970

Sample Name: SSTD005 Lab Sample ID: STD3107

Compound Number	: 3
Compound Name	: Pyridine
Scan Number	: 130
Retention Time (minutes)	: 2.632
Quant Ion	: 79
Area (flag)	: 39640 M
Concentration (ng/ul)	: 4.6635
Integration start scan	: 126 Integration stop scan: 198
Y at integration start	: 0 Y at integration end: 0

Reason for manual integration (circle one): missed peak (improper integration)

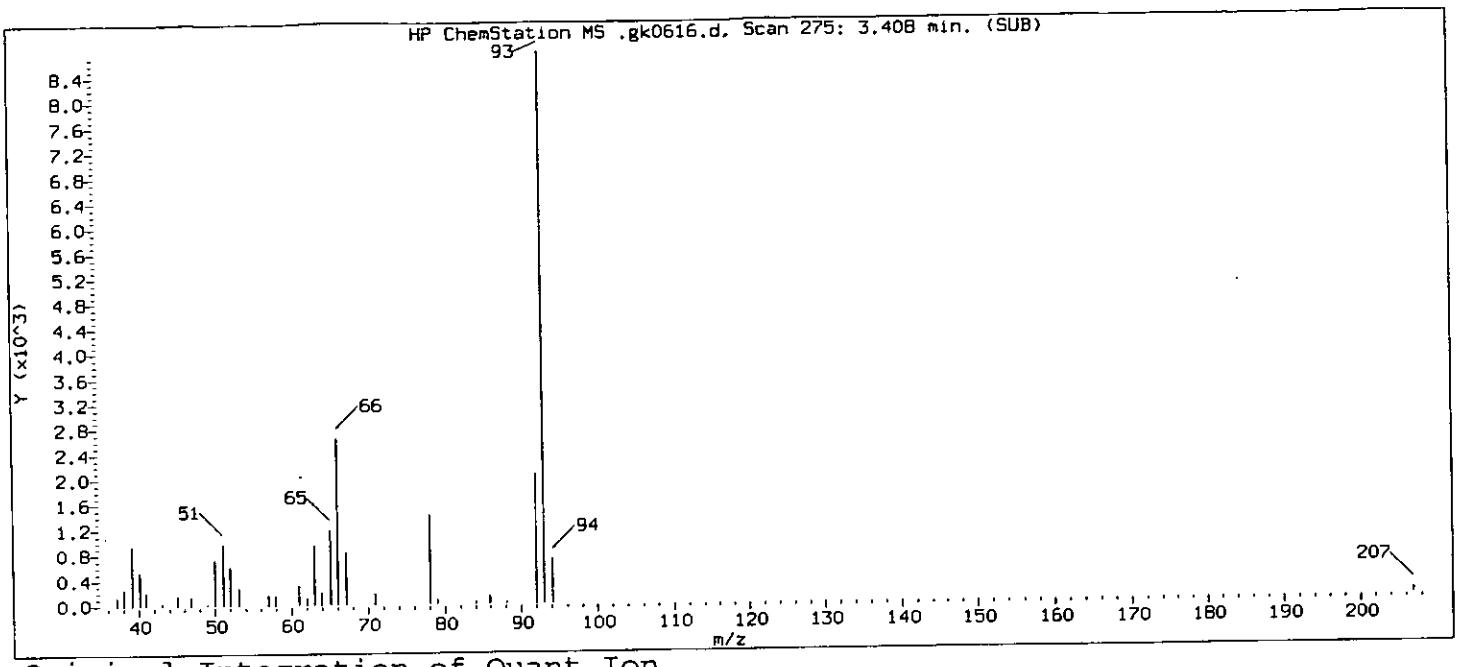
Analyst responsible for change: 1970 11/15/07

GC/MS audit/management approval: 11/16/07

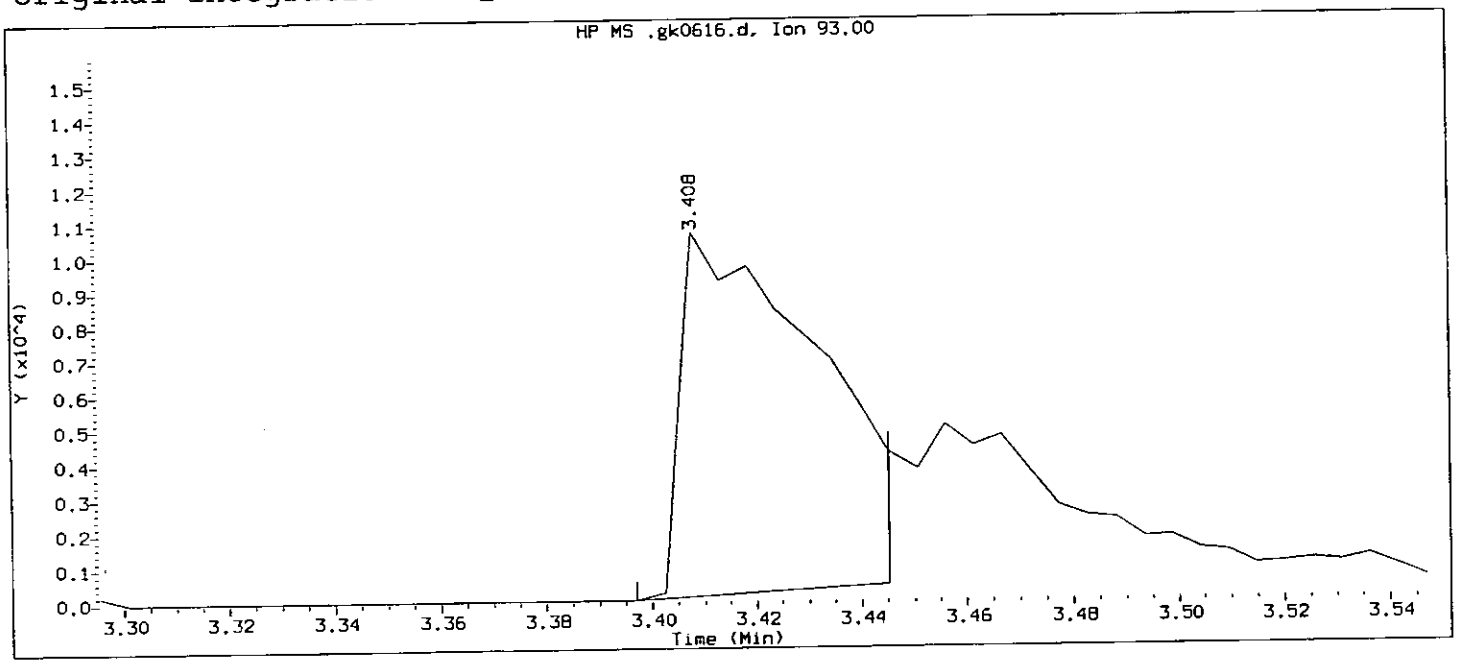
0518

Manual Integration Report for data file /chem/HP11165.i/07nov15a.b/gk0616.d, generated on 11/15/2007 at 19:26

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP11165.i/07nov15a.b/gk0616.d Instrument ID: HP11165.i
Injection date and time: 15-NOV-2007 18:59 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07nov15a.b/minti.m Sublist used: all
Calibration date and time: 15-NOV-2007 19:17
Date, time and analyst ID of latest file update: 15-Nov-2007 19:17 Automation

Sample Name: SSTD005 Lab Sample ID: STD3107

Compound Number	: 5
Compound Name	: 2-Picoline
Scan Number	: 275
Retention Time (minutes)	: 3.408
Quant Ion	: 93
Area	: 18824
Concentration (ng/ul)	: 2.5154
Integration start scan	: 272 Integration stop scan: 281
Y at integration start	: 0 Y at integration end: 412

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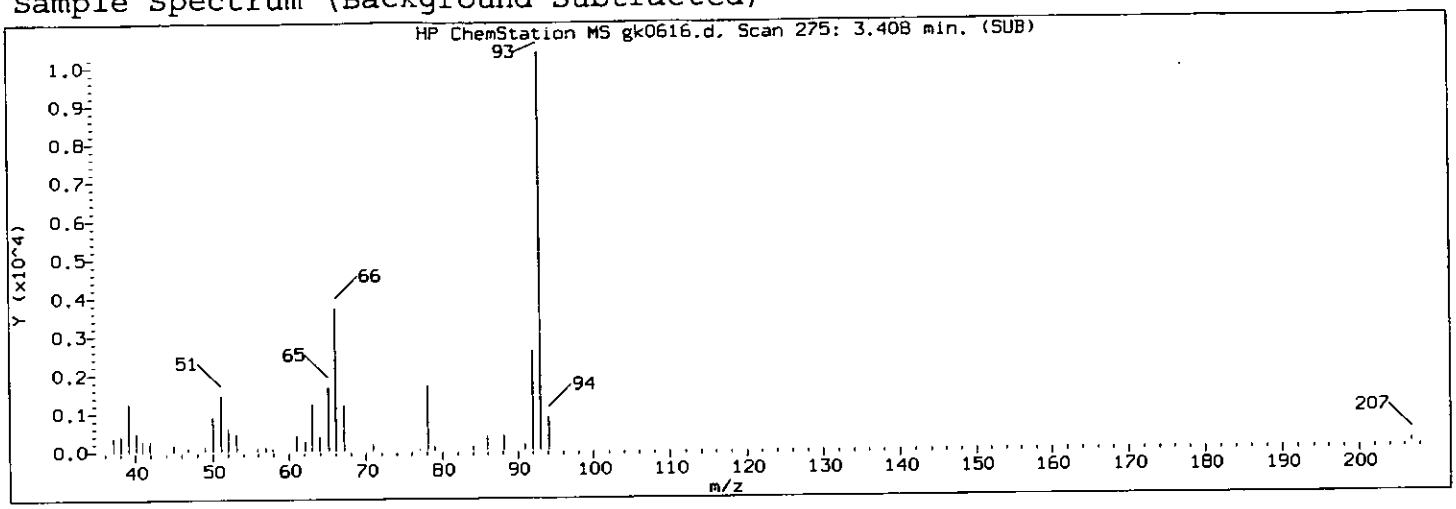
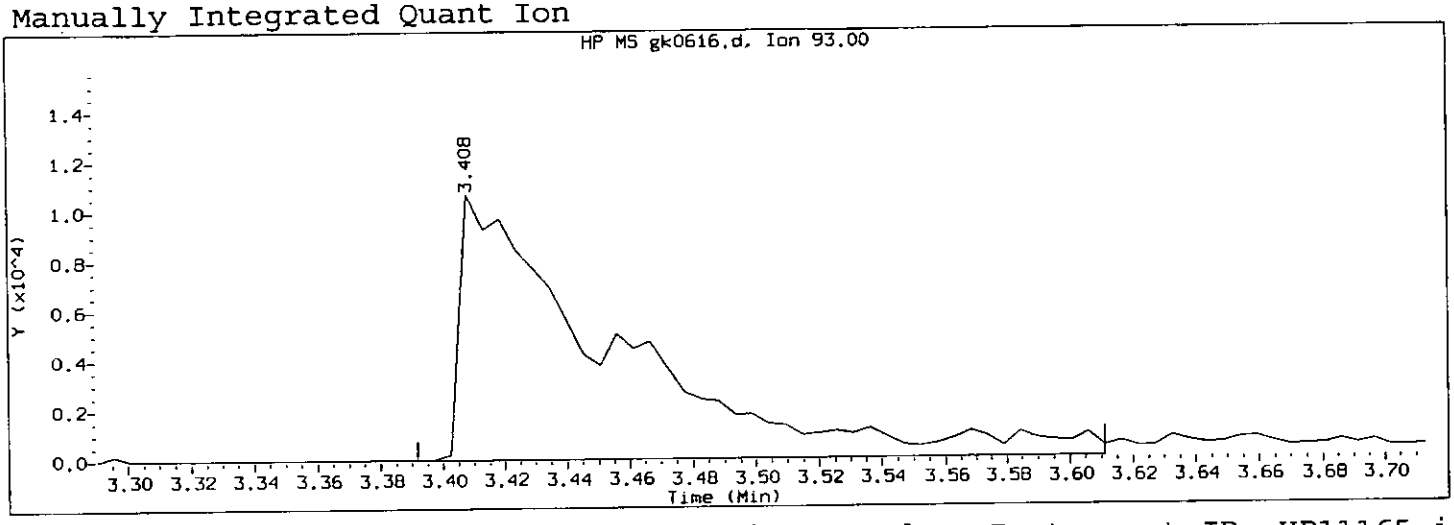
0519

Original Integration Report for data file /chem/HP11165.i/07nov15a.b/gk0616.d, generated on 11/15/2007 at 19:26

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP11165.i/07nov15a.b/gk0616.d Instrument ID: HP11165.i
Injection date and time: 15-NOV-2007 18:59 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07nov15a.b/minti.m Sublist used: all1
Calibration date and time: 15-NOV-2007 19:26
Date, time and analyst ID of latest file update: 15-Nov-2007 19:26 gjd01970

Sample Name: SSTD005 Lab Sample ID: STD3107

Compound Number : 5
Compound Name : 2-Picoline
Scan Number : 275
Retention Time (minutes): 3.408
Quant Ion : 93
Area (flag) : 36292 M
Concentration (ng/ul) : 4.4996
Integration start scan : 271 Integration stop scan: 312
Y at integration start : -23 Y at integration end: -23

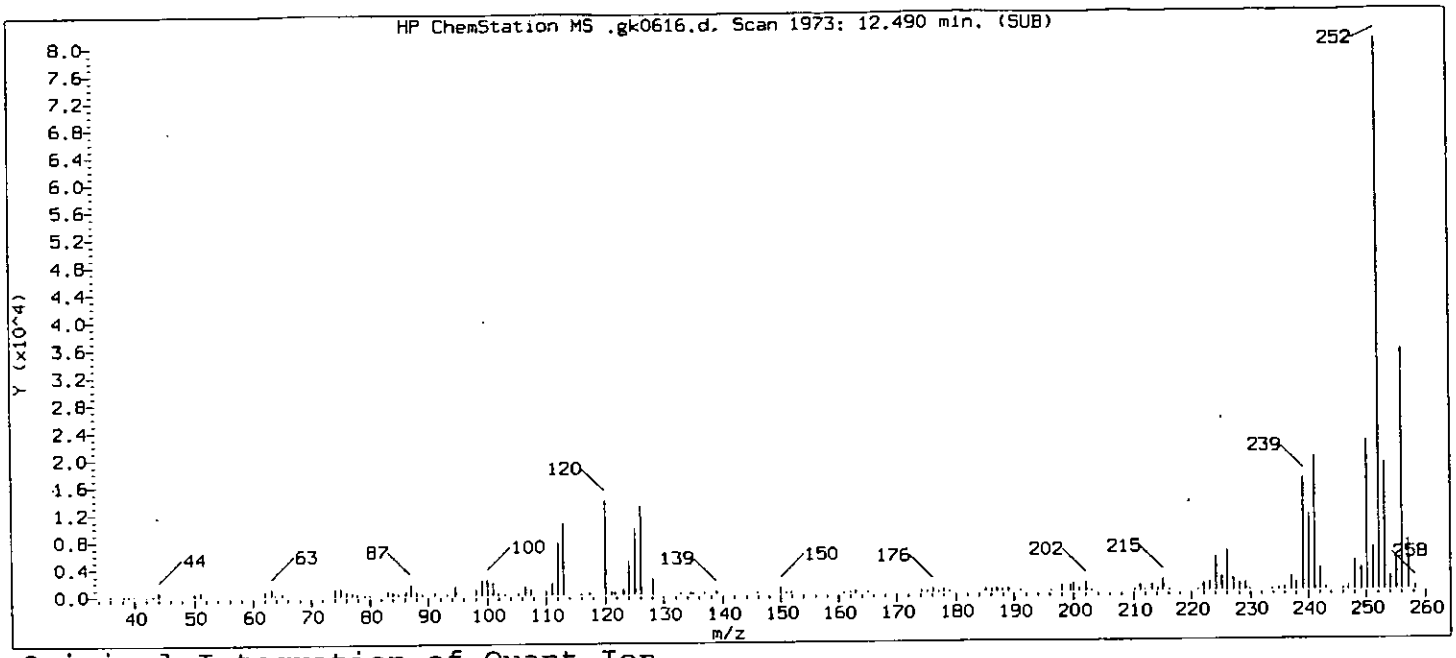
Reason for manual integration (circle one): missed peak improper integration

Analyst responsible for change: [signature] 1476 11/15/07

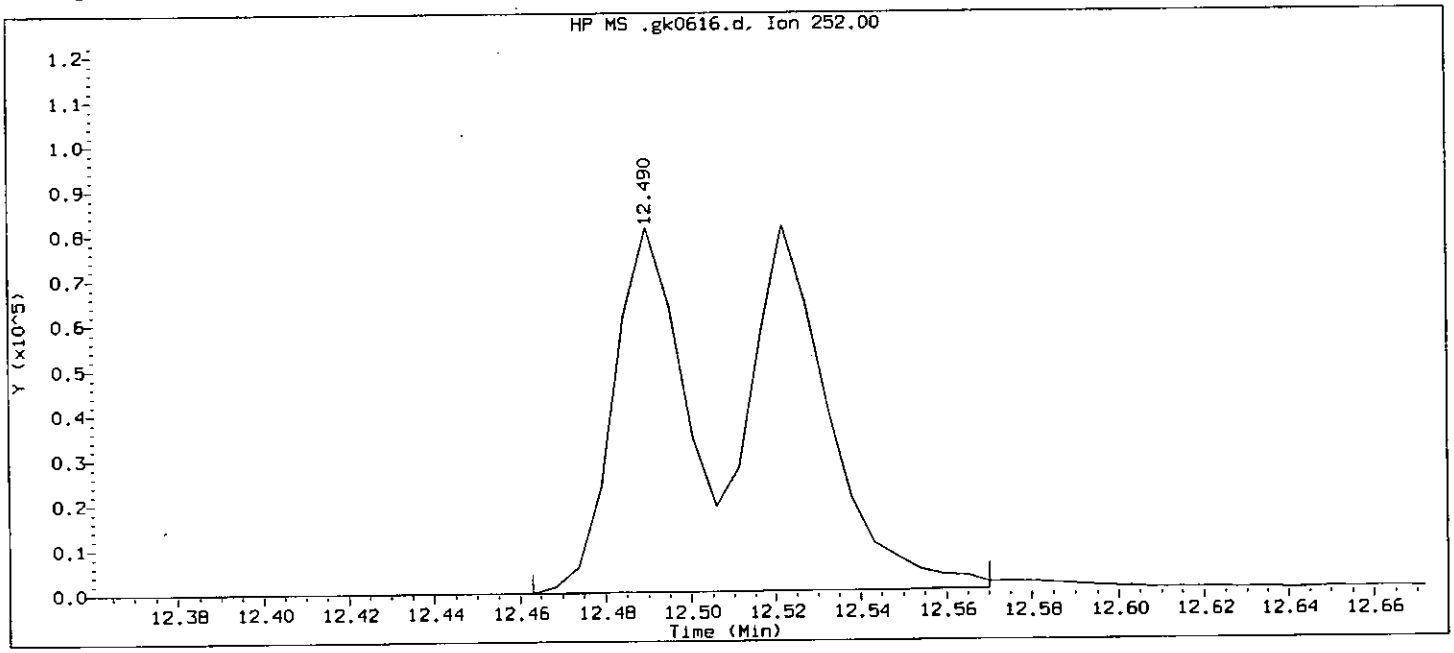
GC/MS audit/management approval: [signature] 11/16/07 0520

Manual Integration Report for data file /chem/HP11165.i/07nov15a.b/gk0616.d, generated on 11/15/2007 at 19:26

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP11165.i/07nov15a.b/gk0616.d Instrument ID: HP11165.i
Injection date and time: 15-NOV-2007 18:59 Analyst ID: gjd01970

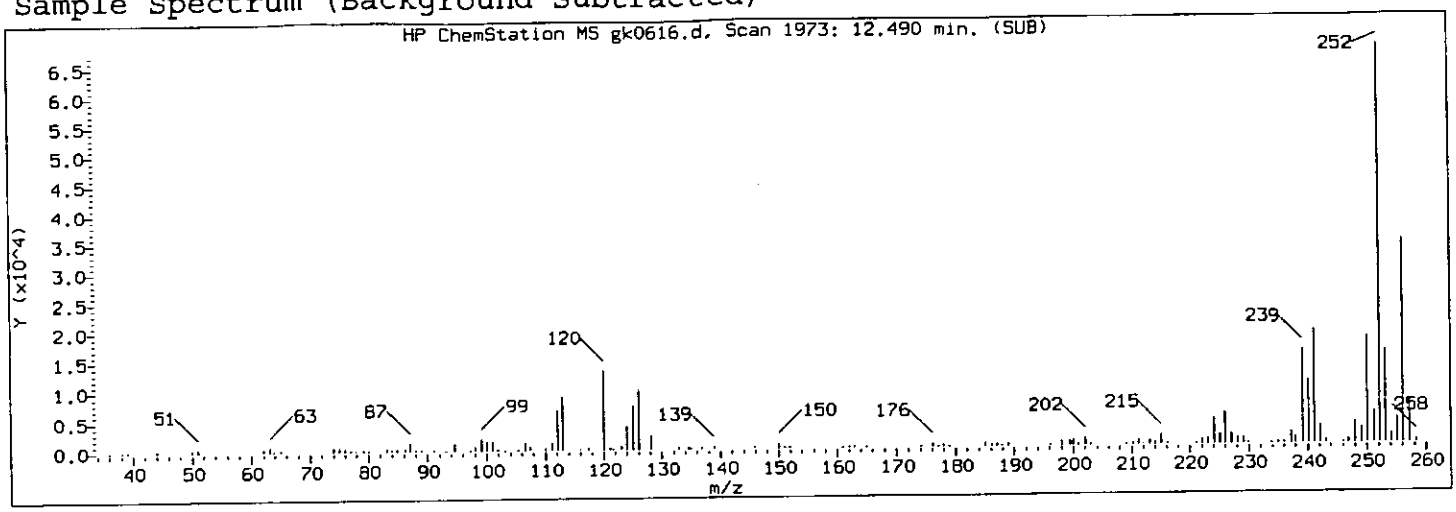
Method used: /chem/HP11165.i/07nov15a.b/minti.m Sublist used: all1
Calibration date and time: 15-NOV-2007 19:17
Date, time and analyst ID of latest file update: 15-Nov-2007 19:17 Automation

Sample Name: SSTD005 Lab Sample ID: STD3107

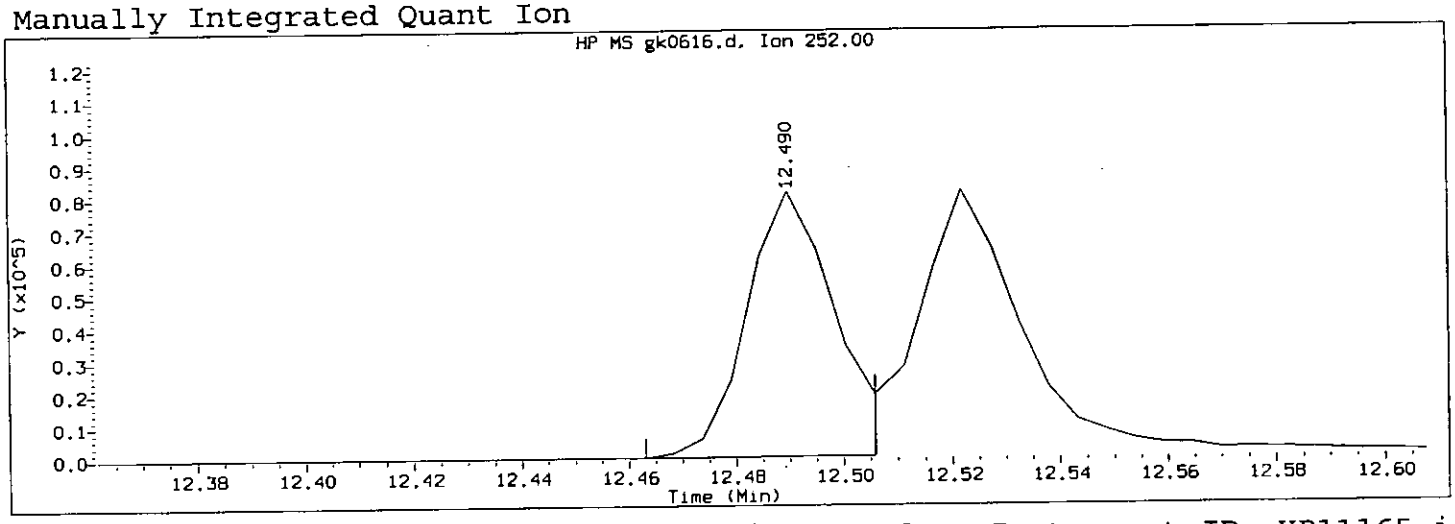
Compound Number	:	171
Compound Name	:	Benzo(b)fluoranthene
Scan Number	:	1973
Retention Time (minutes)	:	12.490
Quant Ion	:	252
Area	:	196911
Concentration (ng/ul)	:	7.5039
Integration start scan	:	1967 Integration stop scan: 1987
Y at integration start	:	0 Y at integration end: 387

Original Integration Report for data file /chem/HP11165.i/07nov15a.b/gk0616.d, generated on 11/15/2007 at 19:26

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP11165.i/07nov15a.b/gk0616.d Instrument ID: HP11165.i
Injection date and time: 15-NOV-2007 18:59 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07nov15a.b/minti.m Sublist used: all1
Calibration date and time: 15-NOV-2007 19:26
Date, time and analyst ID of latest file update: 15-Nov-2007 19:26 gjd01970

Sample Name: SSTD005 Lab Sample ID: STD3107

Compound Number : 171
Compound Name : Benzo(b)fluoranthene
Scan Number : 1973
Retention Time (minutes): 12.490
Quant Ion : 252
Area (flag) : 93353 M
Concentration (ng/ul) : 4.0964
Integration start scan : 1967 Integration stop scan: 1975
Y at integration start : 0 Y at integration end: 154

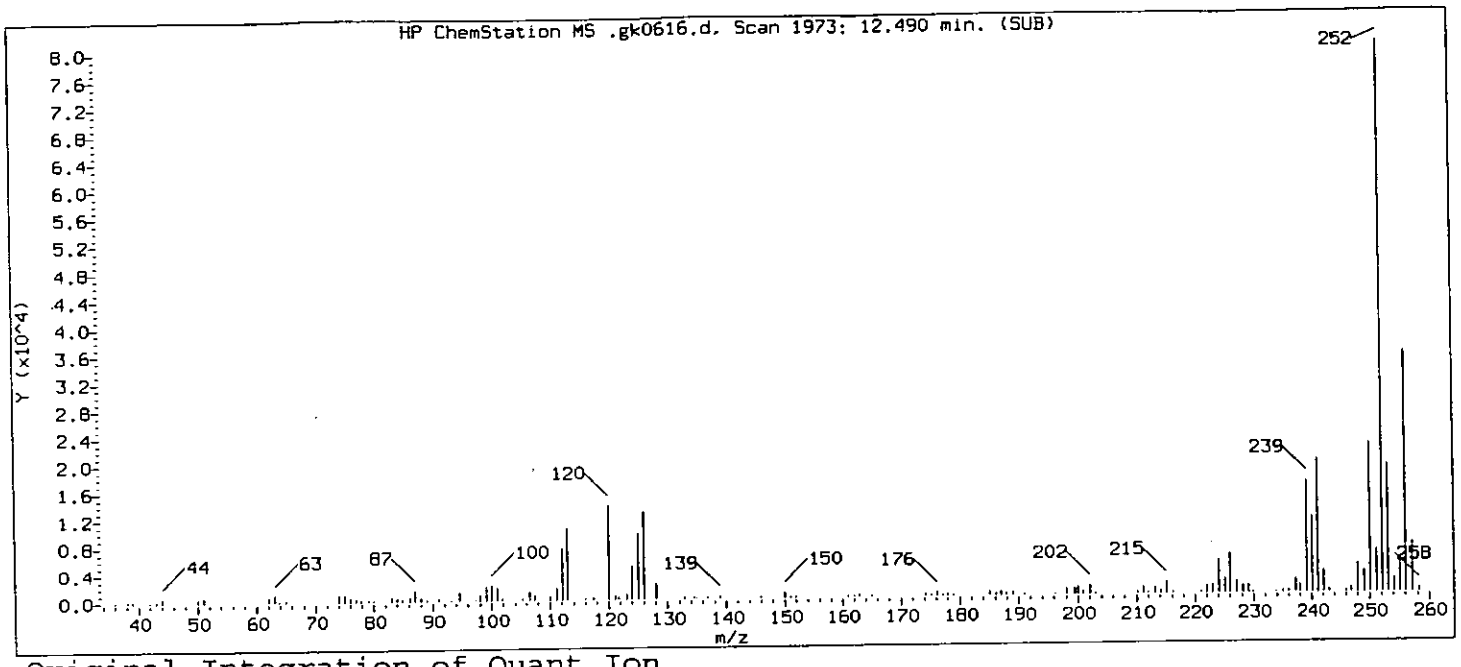
Reason for manual integration (circle one): missed peak (improper integration)

Analyst responsible for change: [signature] 1970 11/15/07

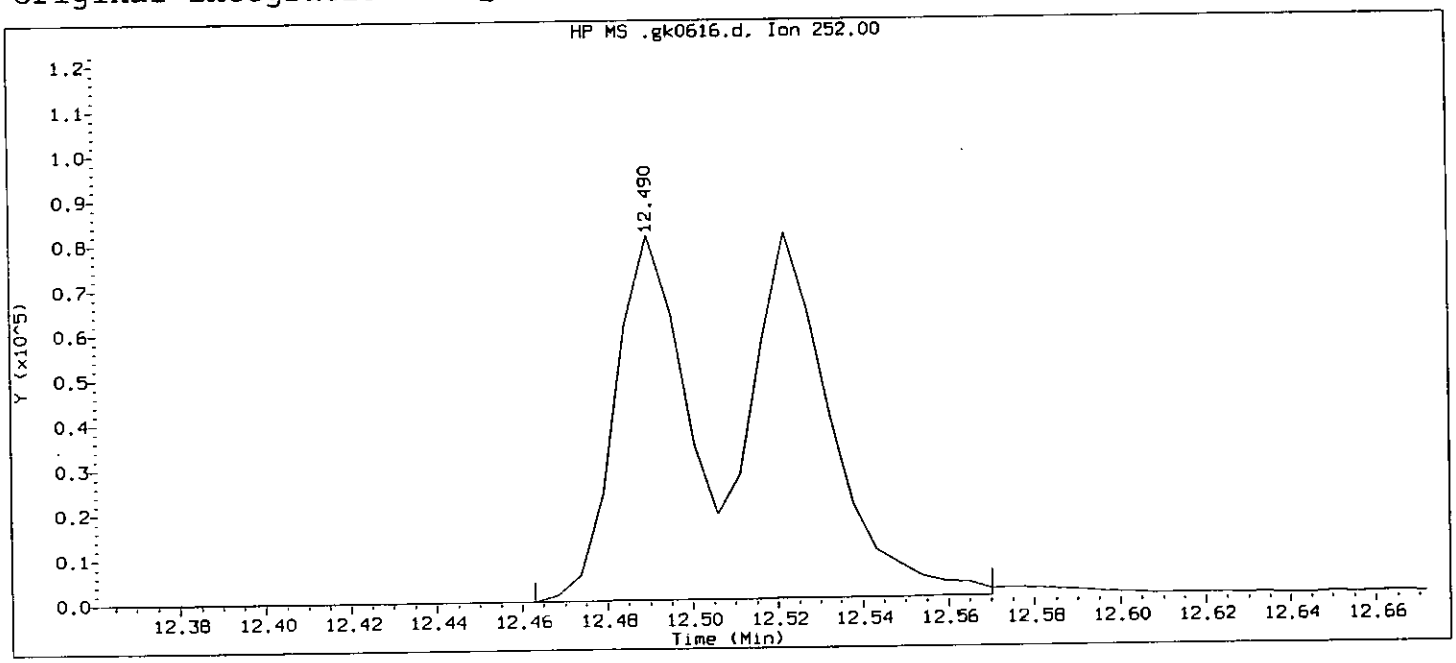
0522

GC/MS audit/management approval: [signature] 11/16/07

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP11165.i/07nov15a.b/gk0616.d Instrument ID: HP11165.i
Injection date and time: 15-NOV-2007 18:59 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07nov15a.b/minti.m Sublist used: all
Calibration date and time: 15-NOV-2007 19:17
Date, time and analyst ID of latest file update: 15-Nov-2007 19:17 Automation

Sample Name: SSTD005 Lab Sample ID: STD3107

Compound Number	:	172
Compound Name	:	Benzo(k)fluoranthene
Scan Number	:	1973
Retention Time (minutes)	:	12.490
Quant Ion	:	252
Area	:	196912
Concentration (ng/ul)	:	7.3332
Integration start scan	:	1967 Integration stop scan: 1987
Y at integration start	:	0 Y at integration end: 387

GJ1170
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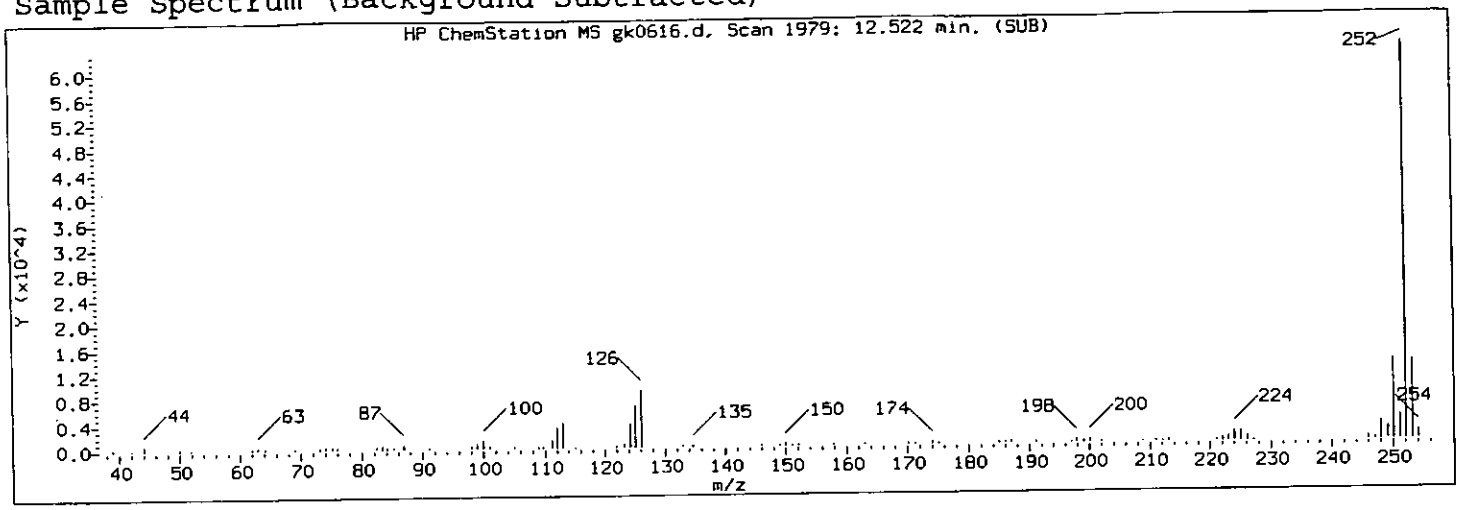
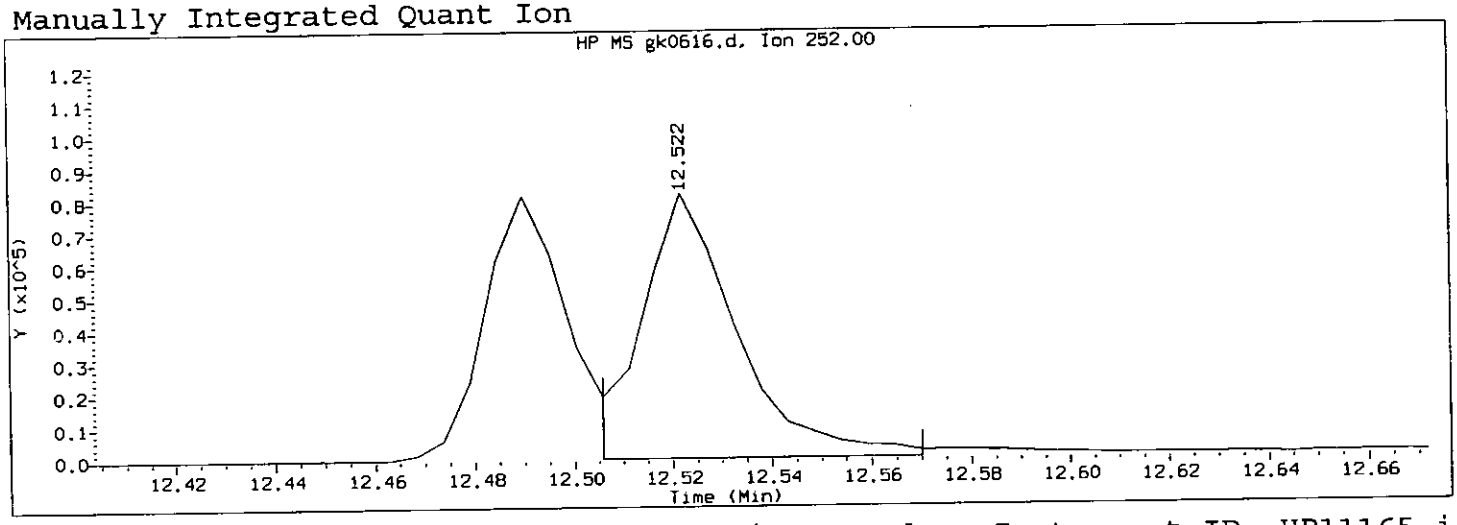
11/15/07

Original Integration Report for data file /chem/HP11165.i/07nov15a.b/gk0616.d, generated on 11/15/2007 at 19:26

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP11165.i/07nov15a.b/gk0616.d Instrument ID: HP11165.i
Injection date and time: 15-NOV-2007 18:59 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07nov15a.b/minti.m Sublist used: all1
Calibration date and time: 15-NOV-2007 19:26
Date, time and analyst ID of latest file update: 15-Nov-2007 19:26 gjd01970

Sample Name: SSTD005 Lab Sample ID: STD3107

Compound Number	:	172
Compound Name	:	Benzo(k)fluoranthene
Scan Number	:	1979
Retention Time (minutes)	:	12.522
Quant Ion	:	252
Area (flag)	:	110865 M
Concentration (ng/ul)	:	4.6225
Integration start scan	:	1975 Integration stop scan: 1987
Y at integration start	:	42 Y at integration end: 42

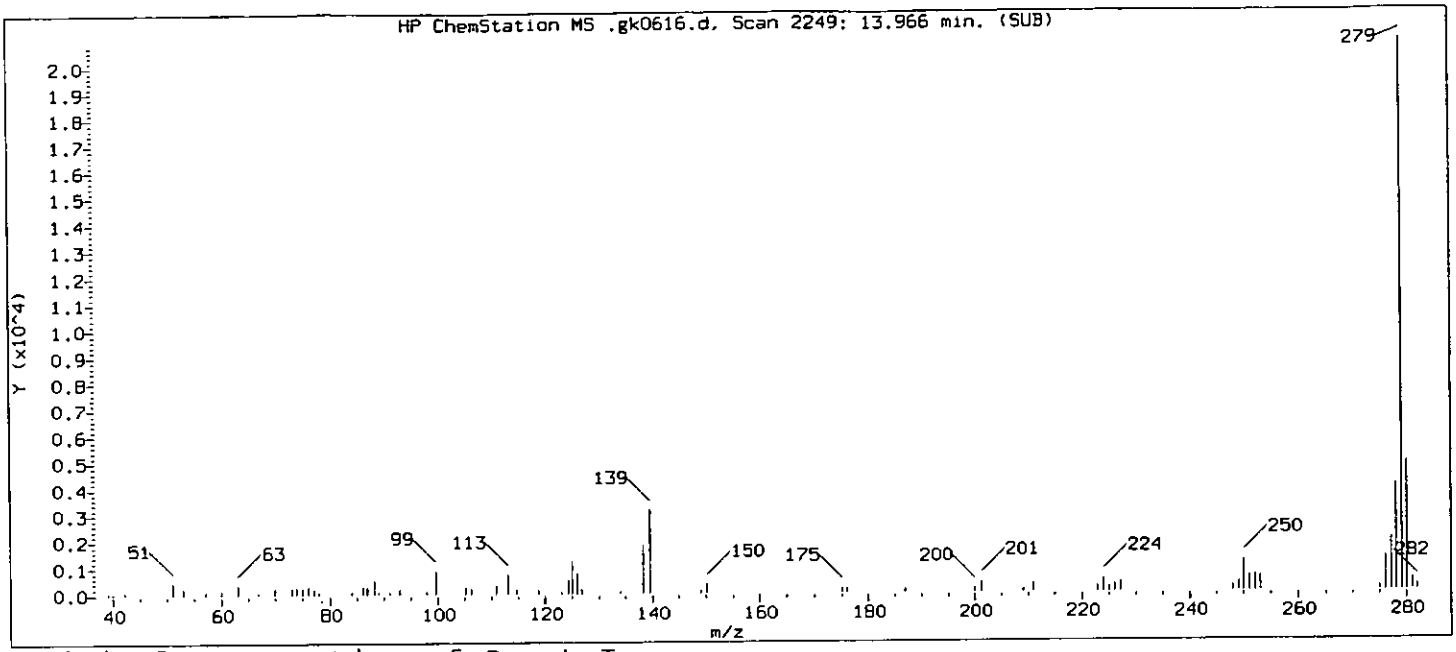
Reason for manual integration (circle one): missed peak (improper integration)

Analyst responsible for change: 1970 11/15/07

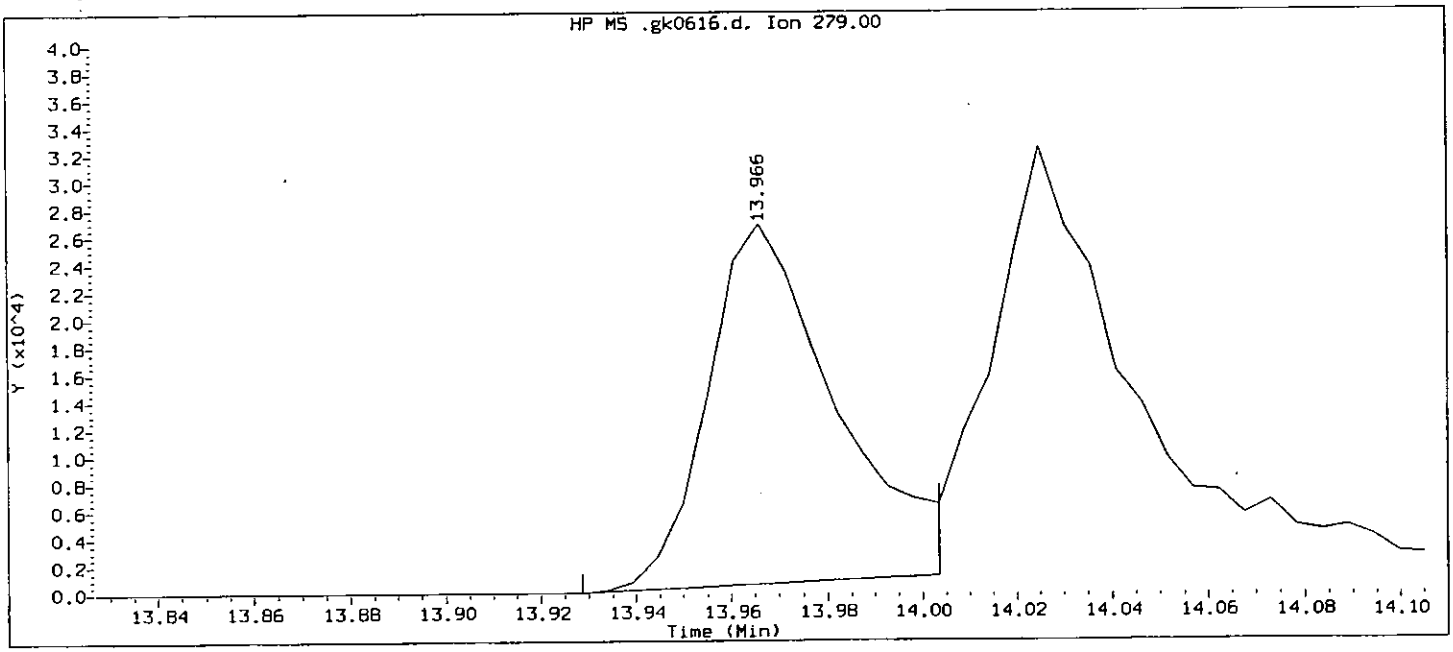
GC/MS audit/management approval: PRM705 11/16/07 8524

Manual Integration Report for data file /chem/HP11165.i/07nov15a.b/gk0616.d, generated on 11/15/2007 at 19:26

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP11165.i/07nov15a.b/gk0616.d Instrument ID: HP11165.i
Injection date and time: 15-NOV-2007 18:59 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07nov15a.b/minti.m Sublist used: all1
Calibration date and time: 15-NOV-2007 19:17
Date, time and analyst ID of latest file update: 15-Nov-2007 19:17 Automation

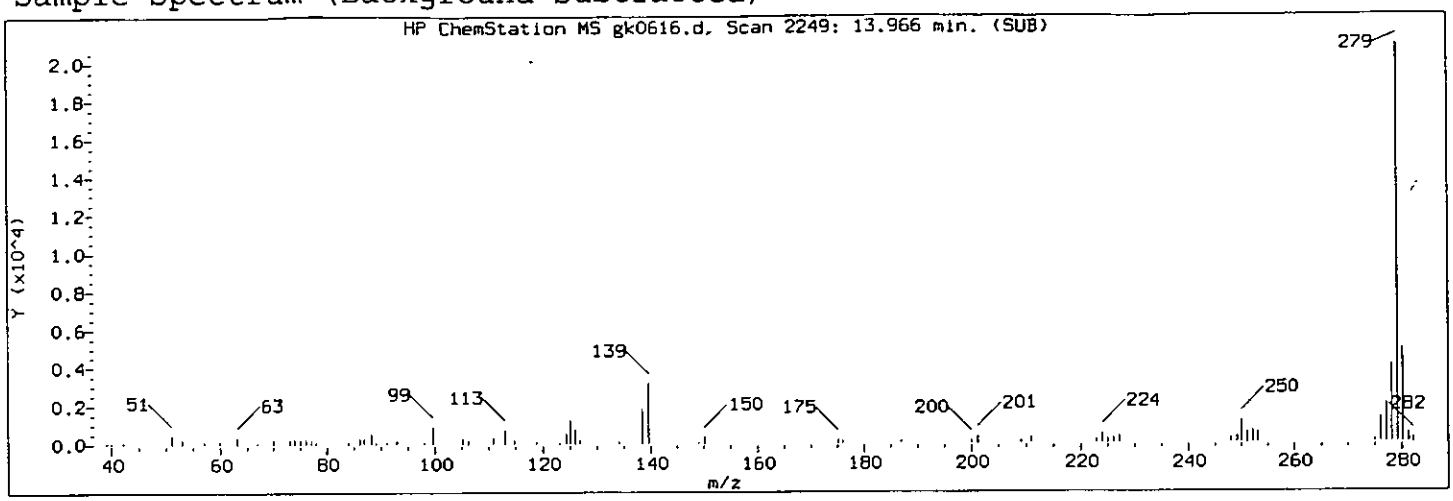
Sample Name: SSTD005 Lab Sample ID: STD3107

Compound Number	:	189
Compound Name	:	Dibenz(a,h)acridine
Scan Number	:	2249
Retention Time (minutes)	:	13.966
Quant Ion	:	279
Area	:	48123
Concentration (ng/ul)	:	3.1863
Integration start scan	:	2241 Integration stop scan: 2255
Y at integration start	:	0 Y at integration end: 1167

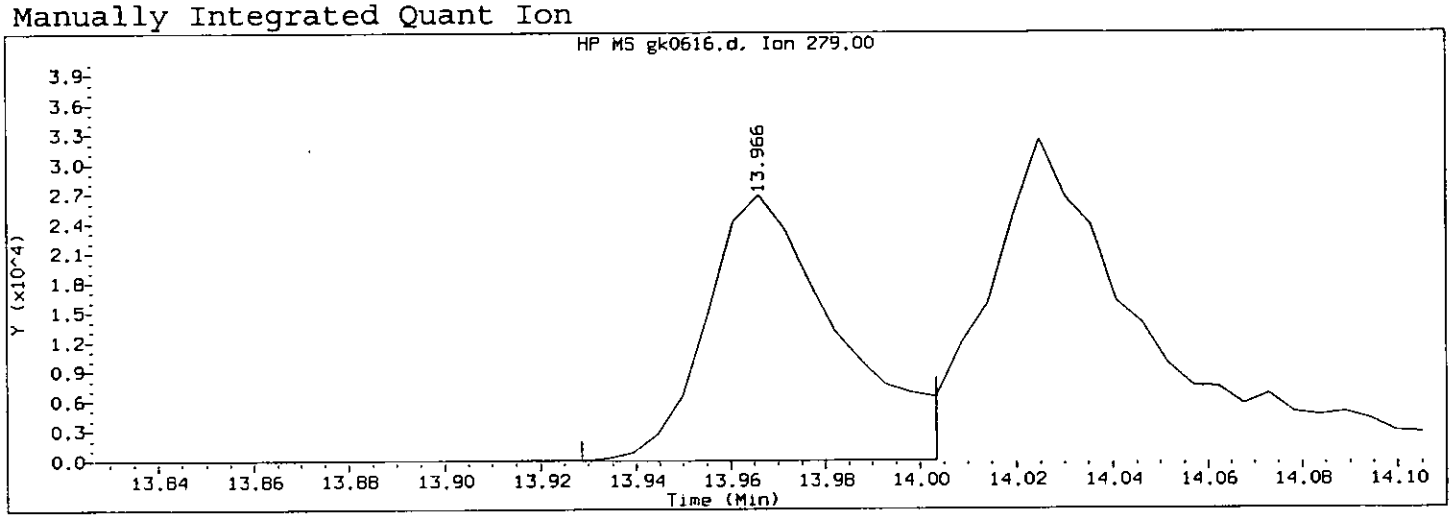
GJ/12
8529 11/15/07

Original Integration Report for data file /chem/HP11165.i/07nov15a.b/gk0616.d, generated on 11/15/2007 at 19:26

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP11165.i/07nov15a.b/gk0616.d Instrument ID: HP11165.i
Injection date and time: 15-NOV-2007 18:59 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07nov15a.b/minti.m Sublist used: all1
Calibration date and time: 15-NOV-2007 19:26
Date, time and analyst ID of latest file update: 15-Nov-2007 19:26 gjd01970

Sample Name: SSTD005 Lab Sample ID: STD3107

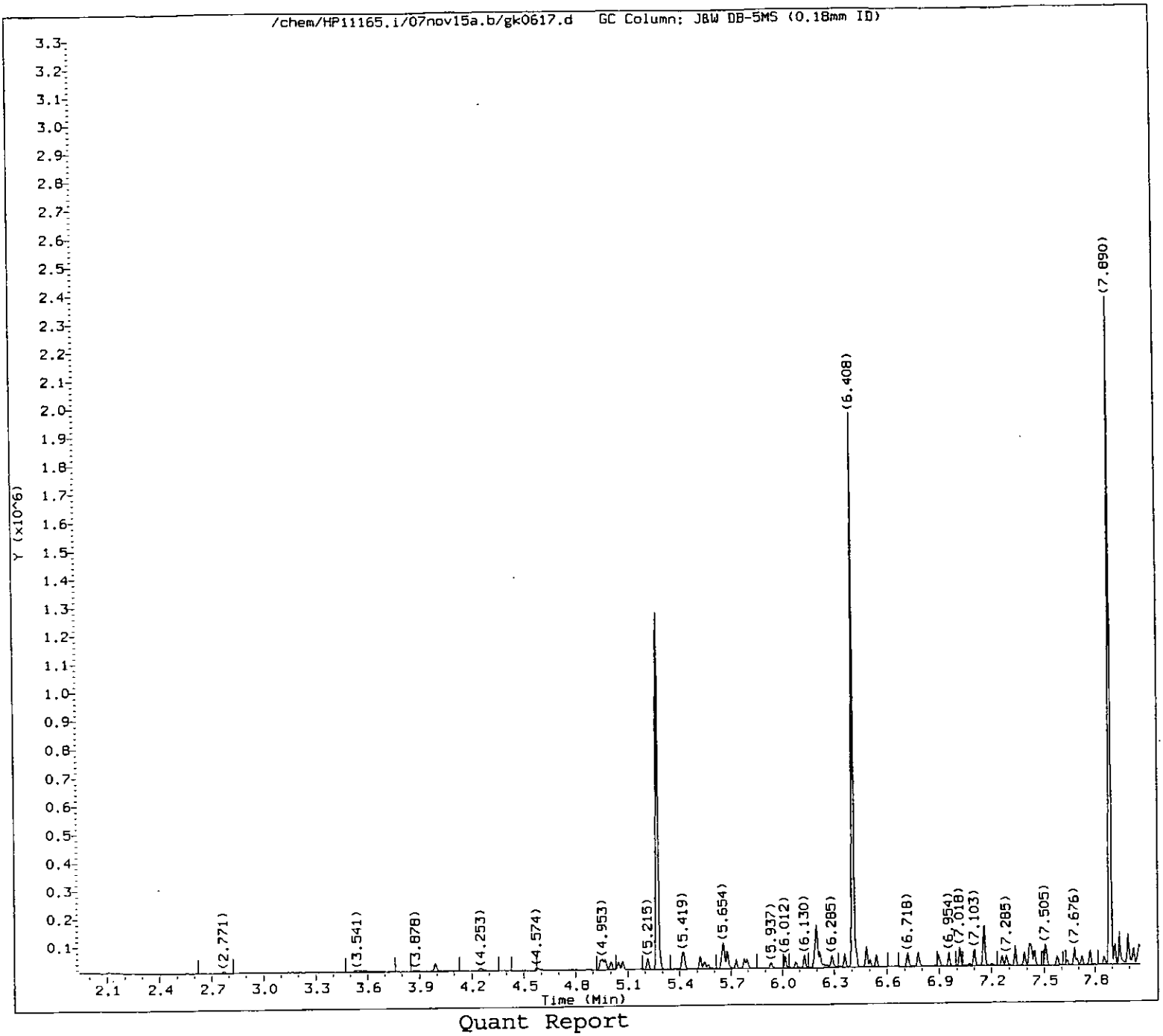
Compound Number	:	189
Compound Name	:	Dibenz(a,h)acridine
Scan Number	:	2249
Retention Time (minutes)	:	13.966
Quant Ion	:	279
Area (flag)	:	52132 M
Concentration (ng/ul)	:	3.4215
Integration start scan	:	2241 Integration stop scan: 2255
Y at integration start	:	-75 Y at integration end: -75

Reason for manual integration (circle one): missed peak (improper integration)

Analyst responsible for change: 1970 11/15/07

GC/MS audit/management approval: 8526 11/16/07

Manual Integration Report for data file /chem/HP11165.i/07nov15a.b/gk0616.d, generated on 11/15/2007 at 19:26



Quant Report

Target Revision 3.5

Data File: /chem/HP11165.i/07nov15a.b/gk0617.d
Injection date and time: 15-NOV-2007 19:23

Instrument ID: HP11165.i
Analyst ID: gjd01970

Method used: /chem/HP11165.i/07nov15a.b/minti.m
Calibration date and time: 15-NOV-2007 19:33

Sublist used: all1

Date, time and analyst ID of latest file update: 15-Nov-2007 19:58 gjd01970

Sample Name: SSTD001

Lab Sample ID: 8270MDL3107

8527
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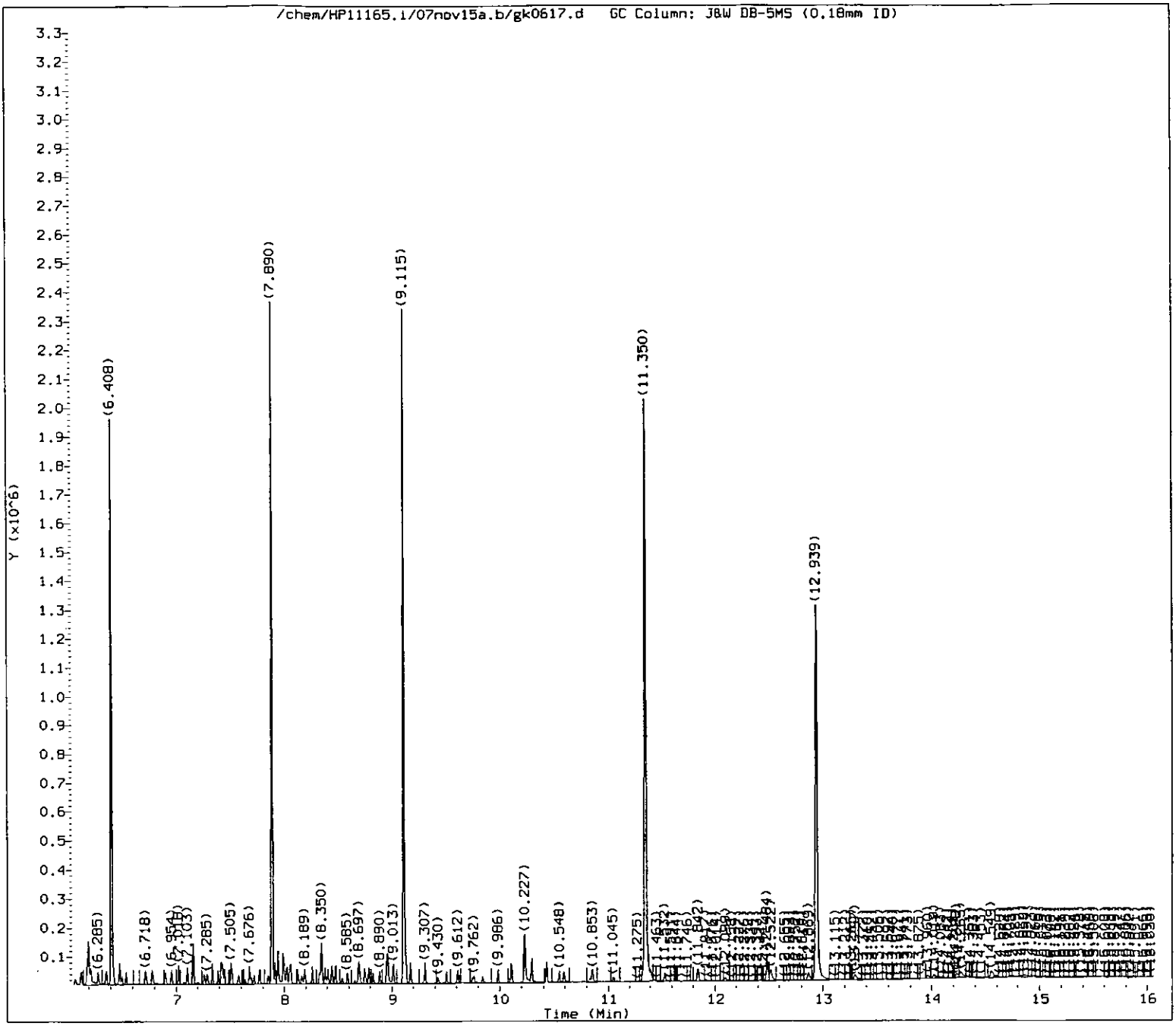
11/15/07



Quant Report

Target Revision 3.5

Data File: /chem/HP11165.i/07nov15a.b/gk0617.d Instrument ID: HP11165.i
Injection date and time: 15-NOV-2007 19:23 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07nov15a.b/minti.m Sublist used: all1
Calibration date and time: 15-NOV-2007 19:33
Date, time and analyst ID of latest file update: 15-Nov-2007 19:58 gjd01970

Sample Name: SSTD001 Lab Sample ID: 8270MDL3107

8520m
111579

Quant Report

Target Revision 3.5

Data File: /chem/HP11165.i/07nov15a.b/gk0617.d Instrument ID: HP11165.i
Injection date and time: 15-NOV-2007 19:23 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07nov15a.b/minti.m Sublist used: all1
Calibration date and time: 15-NOV-2007 19:33
Date, time and analyst ID of latest file update: 15-Nov-2007 19:58 gjd01970

Sample Name: SSTD001 Lab Sample ID: 8270MDL3107

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
1) 1,4-Dioxane	(1)	2.108	88	3048M	0.891
2) N-Nitrosodimethylamine	(1)	2.723	74	2659M	0.607
3) Pyridine	(1)	2.926	79	6425M	0.791
5) 2-Picoline	(1)	3.547	93	7202M	0.934
6) N-Nitrosomethylethylamine	(1)	3.557	88	5256	1.356
7) Methyl methanesulfonate	(1)	3.873	80	3875M	1.115
10) N-Nitrosodiethylamine	(1)	4.253	102	3306	0.915
11) Ethyl methanesulfonate	(1)	4.574	109	3491	1.093
13) Aniline	(1)	4.969	93	13280	1.095
16) Phenol	(1)	4.953	94	11550	1.120
17) Pentachloroethane	(1)	5.001	167	2187	1.116
18) bis(2-Chloroethyl)ether	(1)	5.044	93	8484	1.138
19) 2-Chlorophenol	(1)	5.071	128	5525	0.978
20) 1,3-Dichlorobenzene	(1)	5.215	146	6643	1.173
21) 1,4-Dichlorobenzene-d4	(1)	5.274	152	147366	40.000
22) 1,4-Dichlorobenzene	(1)	5.290	146	7017	1.206
24) Benzyl alcohol	(1)	5.413	108	5241	1.119
25) 1,2-Dichlorobenzene	(1)	5.424	146	6235	1.139
26) 2-Methylphenol	(1)	5.515	108	7036	1.048
27) 2,2'-oxybis(1-Chloropropane)	(1)	5.542	45	10719	1.218
28) bis(2-Chloroisopropyl)ether	(1)	5.542	45	10719	1.218
29) N-Nitrosopyrrolidine	(1)	5.643	100	3226	0.885
30) Acetophenone	(1)	5.649	105	10544	1.111
31) N-Nitroso-di-n-propylamine	(1)	5.654	70	6991	1.152
32) N-Nitrosomorpholine	(1)	5.675	56	4472	1.132
33) 4-Methylphenol	(1)	5.654	108	7957	1.076
34) o-Toluidine	(1)	5.681	106	12036	1.053
37) Hexachloroethane	(1)	5.729	117	2699	1.098
39) Nitrobenzene	(2)	5.793	77	8357	0.982
40) N-Nitrosopiperidine	(2)	5.937	114	3276	1.024
41) Isophorone	(2)	6.012	82	14930	1.026
42) 2-Nitrophenol	(2)	6.077	139	2325	0.856
44) 2,4-Dimethylphenol	(2)	6.130	107	6619	0.936
45) O,O,O-triethylphosphorothioate	(2)	6.194	198	3012	1.046
46) bis(2-Chloroethoxy)methane	(2)	6.216	93	9974	1.167
47) Benzoic acid	(2)	6.194	105	48873	17.845
49) 2,4-Dichlorophenol	(2)	6.285	162	4844	1.061
50) 1,2,4-Trichlorobenzene	(2)	6.360	180	5095	1.078
52) Naphthalene-d8	(2)	6.408	136	592874	40.000
53) Naphthalene	(2)	6.424	128	19738	1.178
55) 4-Chloroaniline	(2)	6.483	127	6778	1.025
56) 2,6-Dichlorophenol	(2)	6.483	162	4481	1.029
57) Hexachloropropene	(2)	6.504	213	2364	0.791

M = Compound was manually integrated. A = User selected an alternate hit

Quant Report

Target Revision 3.5

Data File: /chem/HP11165.i/07nov15a.b/gk0617.d Instrument ID: HP11165.i
Injection date and time: 15-NOV-2007 19:23 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07nov15a.b/minti.m Sublist used: all1
Calibration date and time: 15-NOV-2007 19:33
Date, time and analyst ID of latest file update: 15-Nov-2007 19:58 gjd01970

Sample Name: SSTD001 Lab Sample ID: 8270MDL3107

	Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
59)	Hexachlorobutadiene	(2)	6.542	225	3468	1.201
62)	Caprolactam	(2)	6.772	113	2558M	1.091
63)	N-Nitrosodi-n-butylamine	(2)	6.777	84	7389	1.160
67)	4-Chloro-3-methylphenol	(2)	6.895	107	6789	1.102
68)	Safrole	(2)	6.954	162	4352	1.019
69)	2-Methylnaphthalene	(2)	7.018	142	11724	1.089
70)	1-Methylnaphthalene	(2)	7.103	142	12738	1.190
71)	Hexachlorocyclopentadiene	(3)	7.157	237	10140	7.390
72)	1,2,4,5-Tetrachlorobenzene	(3)	7.157	216	6311	1.239
73)	cis-Isosafrole	(3)	7.200	162	517	0.128
74)	2,4,6-Trichlorophenol	(3)	7.259	196	2648	0.805
76)	2,4,5-Trichlorophenol	(3)	7.285	196	3933	1.030
78)	trans-Isosafrole	(3)	7.387	162	4716	0.911
79)	Isosafrole	(3)	7.387	162	4716	1.024
80)	Biphenyl	(3)	7.414	154	15132	1.104
81)	Diphenyl	(3)	7.414	154	15132	1.104
82)	1,1'-Biphenyl	(3)	7.414	154	15132	1.104
83)	2-Chloronaphthalene	(3)	7.424	162	12636	1.057
87)	Diphenyl ether	(3)	7.505	170	8910	1.151
88)	2-Nitroaniline	(3)	7.515	138	3419	0.984
89)	1,4-Naphthoquinone	(3)	7.580	158	3674	0.961
90)	1,4-Dinitrobenzene	(3)	7.633	168	963	3.106
91)	Dimethylphthalate	(3)	7.676	163	13932	1.199
92)	1,3-Dinitrobenzene	(3)	7.692	168	1317M	0.625
93)	2,6-Dinitrotoluene	(3)	7.719	165	2052	0.785
94)	Acenaphthylene	(3)	7.772	152	16450	1.023
96)	3-Nitroaniline	(3)	7.852	138	2664	0.848
97)	Acenaphthene-d10	(3)	7.890	164	356529	40.000
98)	Acenaphthene	(3)	7.916	153	13207	1.238
99)	2,4-Dinitrophenol	(3)	7.943	184	12030	16.081
100)	Pentachlorobenzene	(3)	8.023	250	5855	1.236
102)	4-Nitrophenol	(3)	7.991	109	9513	7.925
103)	Dibenzofuran	(3)	8.061	168	19241	1.230
104)	2,4-Dinitrotoluene	(3)	8.050	165	3108	0.901
105)	1-Naphthylamine	(3)	8.125	143	12583	1.190
106)	2,3,4,6-Tetrachlorophenol	(3)	8.163	232	2780	0.898
107)	2-Naphthylamine	(3)	8.189	143	11602	1.075
108)	Diethylphthalate	(3)	8.259	149	13210	1.100
109)	Thionazin	(3)	8.328	107	2248	0.928
110)	Fluorene	(3)	8.344	166	14380	1.101
111)	4-Chlorophenyl-phenylether	(3)	8.350	204	7976	1.239
112)	5-Nitro-o-toluidine	(3)	8.350	152	3846	1.026
113)	4-Nitroaniline	(3)	8.355	138	3472	1.011

M = Compound was manually integrated. A = User selected an alternate hit

Quant Report

Target Revision 3.5

Data File: /chem/HP11165.i/07nov15a.b/gk0617.d Instrument ID: HP11165.i
Injection date and time: 15-NOV-2007 19:23 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07nov15a.b/minti.m Sublist used: all1
Calibration date and time: 15-NOV-2007 19:33
Date, time and analyst ID of latest file update: 15-Nov-2007 19:58 gjd01970

Sample Name: SSTD001 Lab Sample ID: 8270MDL3107

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
114) 4,6-Dinitro-2-methylphenol	(4)	8.382	198	5201	6.846
115) 1-Nitronaphthalene	(4)	8.409	173	2406	0.940
116) N-Nitrosodiphenylamine	(4)	8.446	169	11547	1.180
117) 1,2-Diphenylhydrazine	(4)	8.478	77	19001	1.031
119) Tetraethyldithiopyrophosphate	(4)	8.585	97	2238	0.928
120) 1,3,5-Trinitrobenzene	(4)	8.655	213	756M	6.009
121) Diallate (peak 1)	(4)	8.687	86	5961	0.771
122) Phorate	(4)	8.697	75	8279M	0.836
123) Phenacetin	(4)	8.697	108	6755	0.882
124) 4-Bromophenyl-phenylether	(4)	8.751	248	4023	1.050
125) Diallate (peak 2)	(4)	8.762	86	2142M	0.295
126) Hexachlorobenzene	(4)	8.788	284	5295	1.214
127) Dimethoate	(4)	8.826	87	5757	1.038
128) Diallate TRANS/CIS	(4)	23.156	86	8103	1.064
130) Pentachlorophenol	(4)	8.954	266	7921	3.072
131) Pentachloronitrobenzene	(4)	8.959	237	1673M	1.024
132) 4-Aminobiphenyl	(4)	8.965	169	12079	0.997
133) Pronamide	(4)	9.013	173	3919	0.753
134) Phenanthrene-d10	(4)	9.115	188	713351	40.000
135) Dinoseb	(4)	9.115	211	886M	6.665
136) Phenanthrene	(4)	9.131	178	22721	1.201
137) Anthracene	(4)	9.173	178	19926	1.034
139) Carbazole	(4)	9.307	167	19885	1.058
140) Methyl parathion	(4)	9.430	109	2404	0.621
141) Di-n-butylphthalate	(4)	9.612	149	16727	0.834
142) Parathion	(4)	9.751	109	1316	3.051
143) 4-Nitroquinoline-1-oxide	(4)	9.767	190	400	6.842
144) Methapyrilene	(4)	9.842	97	4840	0.823
145) Isodrin	(4)	9.986	193	2608	1.312
146) Fluoranthene	(4)	10.104	202	22110	0.972
151) Benzidine	(5)	10.227	184	65925	6.065
153) Pyrene	(5)	10.291	202	25626	1.182
157) p-Dimethylaminoazobenzene	(5)	10.548	225	2939	0.673
158) Chlorobenzilate	(5)	10.591	139	5301	0.938
159) 3,3'-Dimethylbenzidine	(5)	10.826	212	5316	3.448
160) Butylbenzylphthalate	(5)	10.853	149	7572	0.868
161) 2-Acetylaminofluorene	(5)	11.045	181	3557	4.351
163) 3,3'-Dichlorobenzidine	(5)	11.329	252	5448	0.734
164) 4,4'-Methylenebis(2-Chloroanil	(5)	11.334	231	3789M	1.012
165) Benzo(a)anthracene	(5)	11.345	228	24054	1.118
166) Chrysene-d12	(5)	11.350	240	732819	40.000
167) Chrysene	(5)	11.377	228	27028	1.252
168) bis(2-Ethylhexyl)phthalate	(5)	11.404	149	8035	0.717

M = Compound was manually integrated. A = User selected an alternate hit

Quant Report

Target Revision 3.5

Data File: /chem/HP11165.i/07nov15a.b/gk0617.d Instrument ID: HP11165.i
Injection date and time: 15-NOV-2007 19:23 Analyst ID: gjd01970

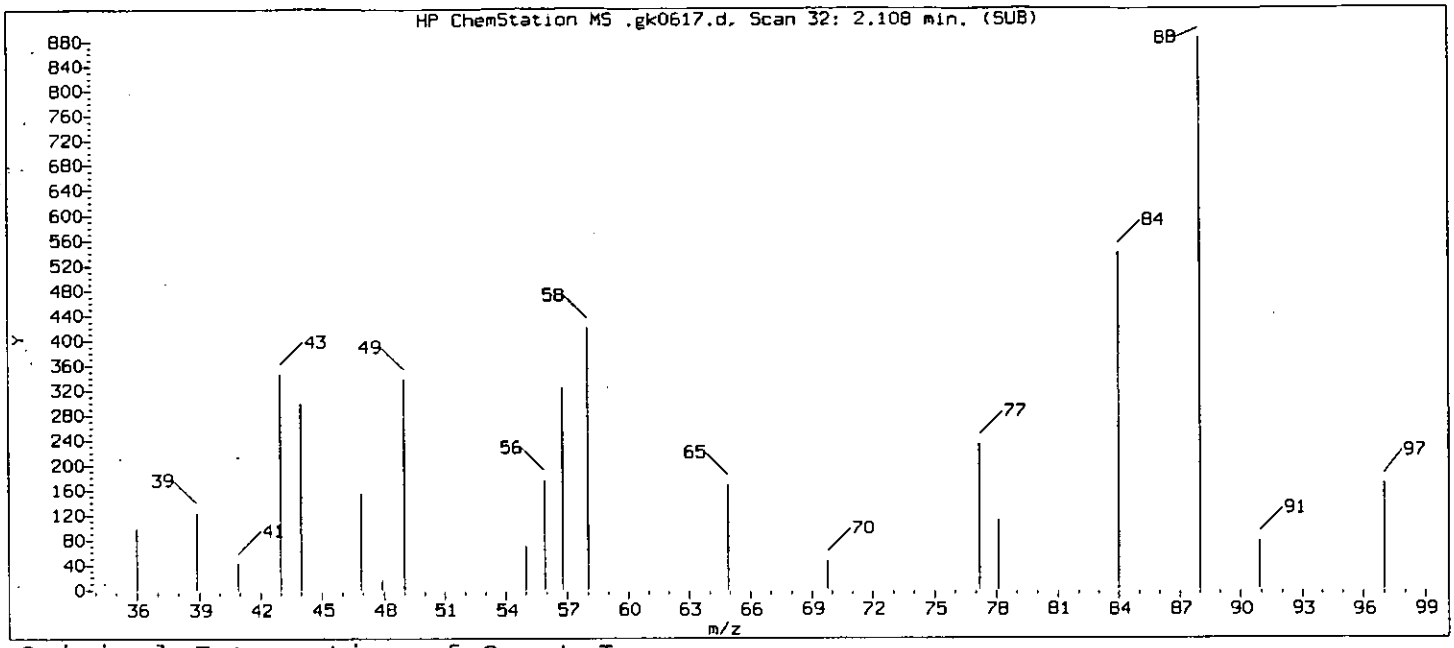
Method used: /chem/HP11165.i/07nov15a.b/minti.m Sublist used: all1
Calibration date and time: 15-NOV-2007 19:33
Date, time and analyst ID of latest file update: 15-Nov-2007 19:58 gjd01970

Sample Name: SSTD001 Lab Sample ID: 8270MDL3107

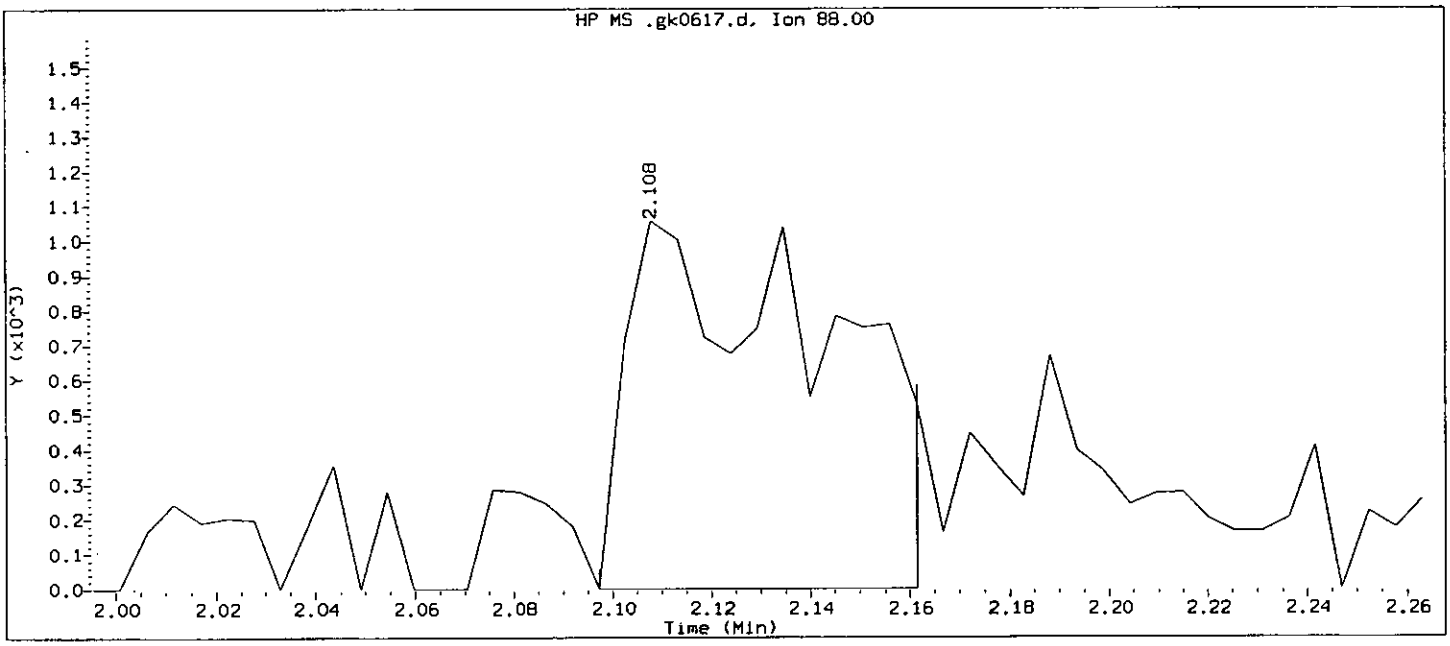
	Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
188)	6-Methylchrysene	(5)	11.842	242	12939	0.914
169)	Di-n-octylphthalate	(6)	12.099	149	7025	4.474
189)	Dibenz(a,h)acridine	(6)	13.966	279	8043M	5.722
190)	Dibenz(a,j)acridine	(6)	14.025	279	10120	4.144
170)	7,12-Dimethylbenz[a]anthracene	(6)	12.484	256	7609	4.233
171)	Benzo(b)fluoranthene	(6)	12.490	252	19641M	0.963
194)	Ronnel	(4)	9.505	285	4914	1.040
172)	Benzo(k)fluoranthene	(6)	12.522	252	22620M	1.054
173)	Benzo(a)pyrene	(6)	12.869	252	14345M	0.792
174)	Perylene-d12	(6)	12.939	264	533738	40.000
175)	3-Methylcholanthrene	(6)	13.297	268	7189	4.452
176)	Indeno(1,2,3-cd)pyrene	(6)	14.233	276	17078	0.762
177)	Dibenz(a,h)anthracene	(6)	14.271	278	14549	0.807
178)	Benzo(g,h,i)perylene	(6)	14.554	276	18450	0.958
84)	1-Chloronaphthalene	(3)	7.446	162	10963	1.108
9)	2-Fluorophenol	(1)	3.991	112	6782	1.081
14)	Phenol-d5	(1)	4.943	99	9312	1.063
15)	Phenol-d6	(1)	4.943	99	9312	1.063
38)	Nitrobenzene-d5	(2)	5.777	82	8919	1.115
77)	2-Fluorobiphenyl	(3)	7.333	172	14125	1.175
118)	2,4,6-Tribromophenol	(3)	8.537	330	2024	0.999
155)	Terphenyl-d14	(5)	10.430	244	17174	1.081

M = Compound was manually integrated. A = User selected an alternate hit

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP11165.i/07nov15a.b/gk0617.d Instrument ID: HP11165.i
Injection date and time: 15-NOV-2007 19:23 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07nov15a.b/minti.m Sublist used: all1
Calibration date and time: 15-NOV-2007 19:33
Date, time and analyst ID of latest file update: 15-Nov-2007 19:49 gjd01970

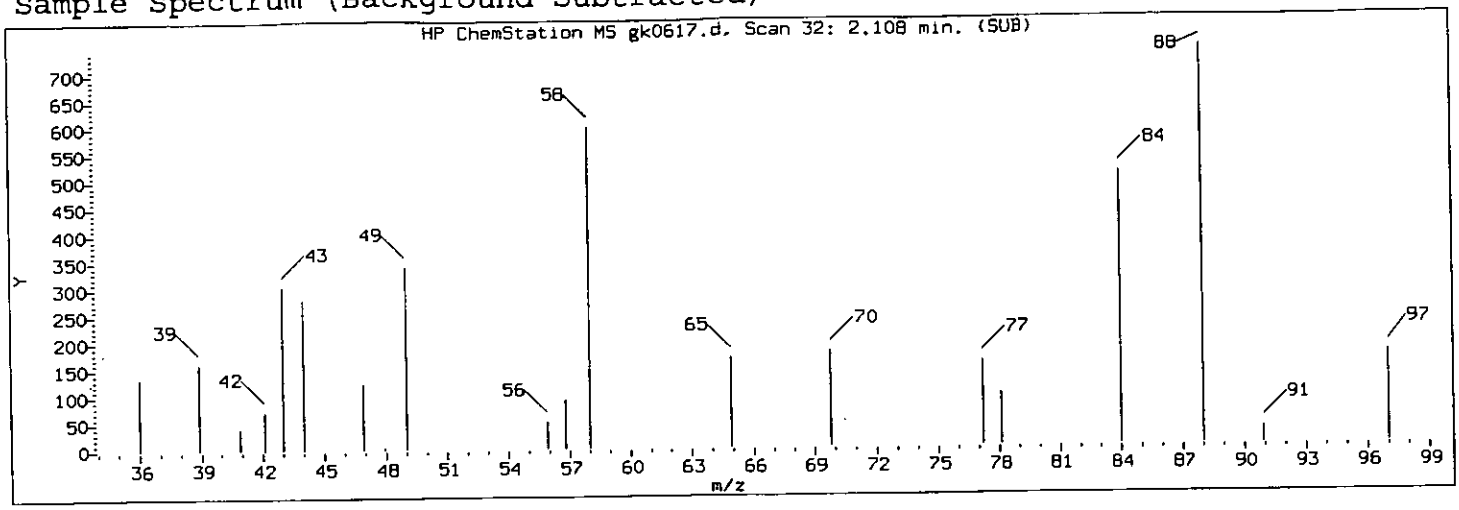
Sample Name: SSTD001 Lab Sample ID: 8270MDL3107

Compound Number	: 1
Compound Name	: 1,4-Dioxane
Scan Number	: 32
Retention Time (minutes)	: 2.108
Quant Ion	: 88
Area	: 2911
Concentration (ng/ul)	: 0.8505
Integration start scan	: 29 Integration stop scan: 41
Y at integration start	: 0 Y at integration end: 0

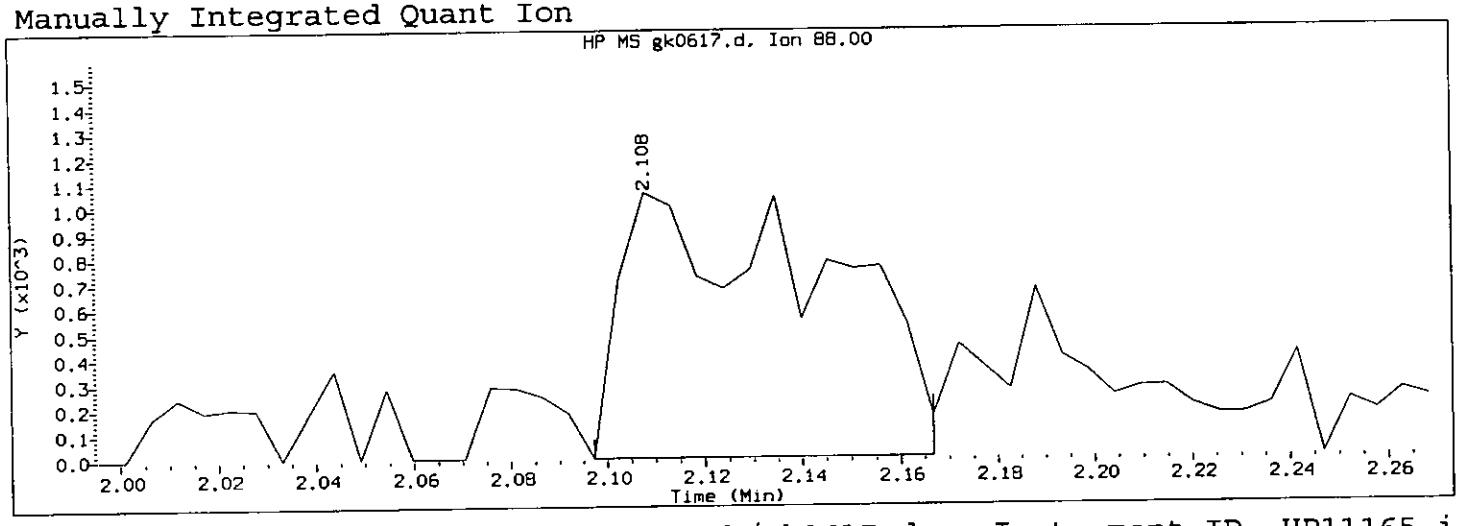
GJ/97
11/15/7

Original Integration Report for data file /chem/HP11165.i/07nov15a.b/gk0617.d, generated on 11/15/2007 at 20:01

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP11165.i/07nov15a.b/gk0617.d Instrument ID: HP11165.i
Injection date and time: 15-NOV-2007 19:23 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07nov15a.b/minti.m Sublist used: all1
Calibration date and time: 15-NOV-2007 19:33
Date, time and analyst ID of latest file update: 15-Nov-2007 19:58 gjd01970

Sample Name: SSTD001 Lab Sample ID: 8270MDL3107

Compound Number : 1
Compound Name : 1,4-Dioxane
Scan Number : 32
Retention Time (minutes): 2.108
Quant Ion : 88
Area (flag) : 3048 M
Concentration (ng/ul) : 0.8905
Integration start scan : 29 Integration stop scan: 42
Y at integration start : 0 Y at integration end: 0

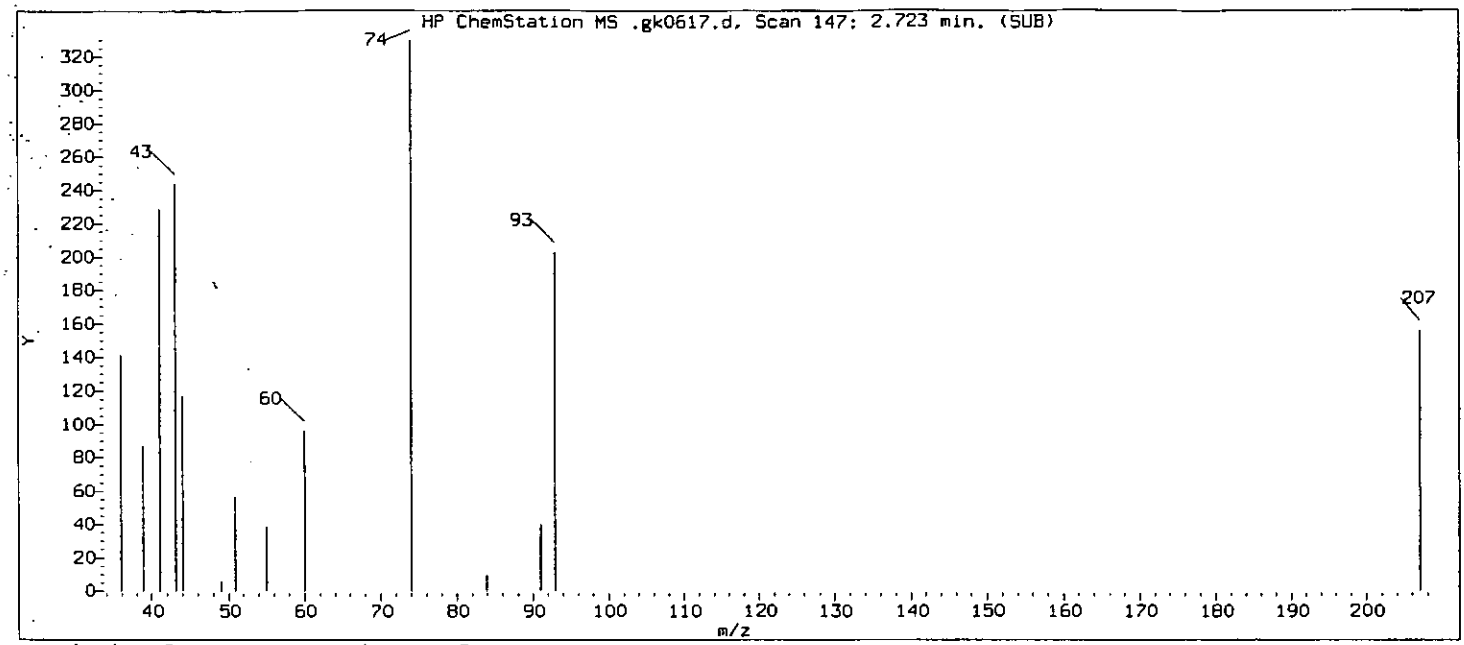
Reason for manual integration (circle one): missed peak ~~improper integration~~

Analyst responsible for change: 1470 11/15/07

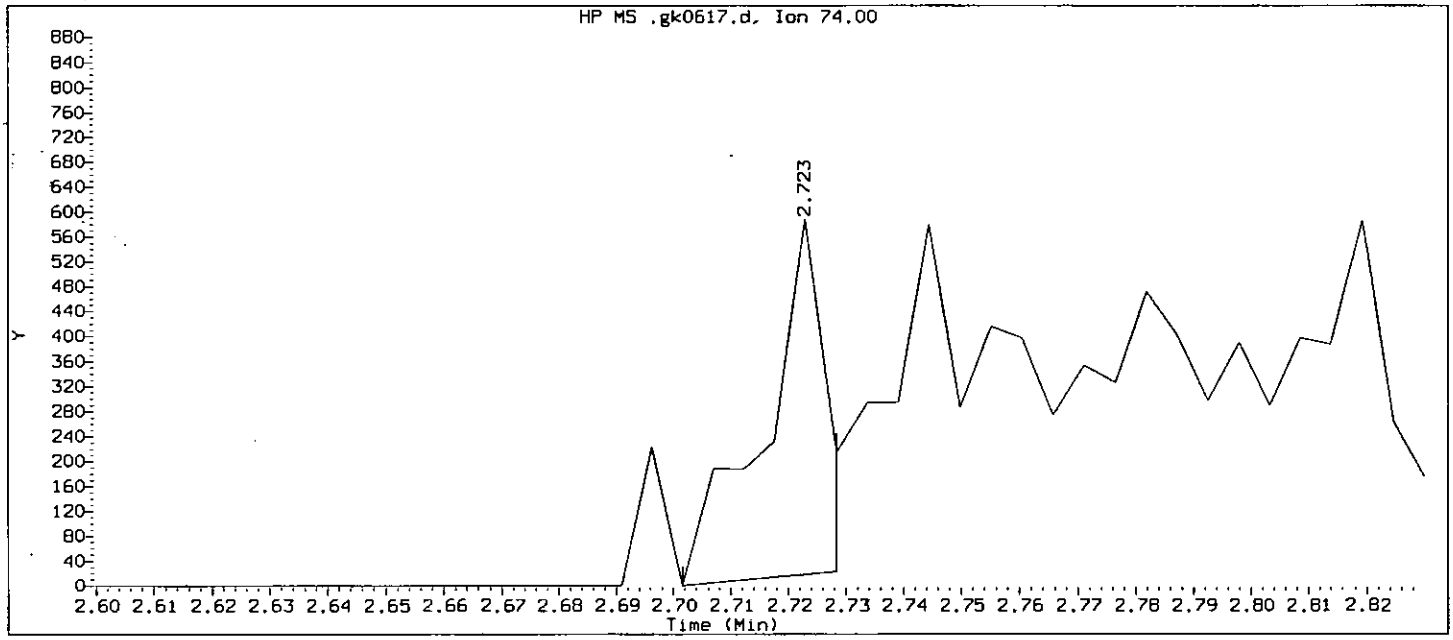
GC/MS audit/management approval: 0534 11/16/07

Manual Integration Report for data file /chem/HP11165.i/07nov15a.b/gk0617.d, generated on 11/15/2007 at 20:01

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP11165.i/07nov15a.b/gk0617.d Instrument ID: HP11165.i
Injection date and time: 15-NOV-2007 19:23 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07nov15a.b/minti.m Sublist used: all1
Calibration date and time: 15-NOV-2007 19:33
Date, time and analyst ID of latest file update: 15-Nov-2007 19:49 gjd01970

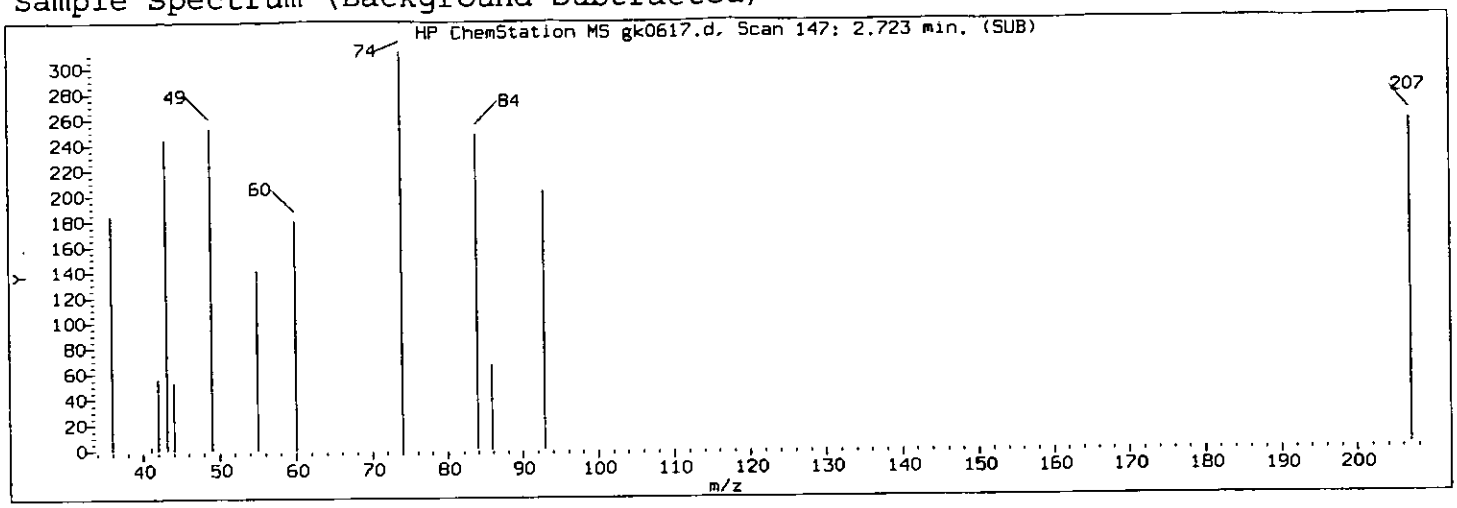
Sample Name: SSTD001 Lab Sample ID: 8270MDL3107

Compound Number : 2
Compound Name : N-Nitrosodimethylamine
Scan Number : 147
Retention Time (minutes): 2.723
Quant Ion : 74
Area : 400
Concentration (ng/ul) : 0.0914
Integration start scan : 142 Integration stop scan: 147
Y at integration start : 0 Y at integration end: 22

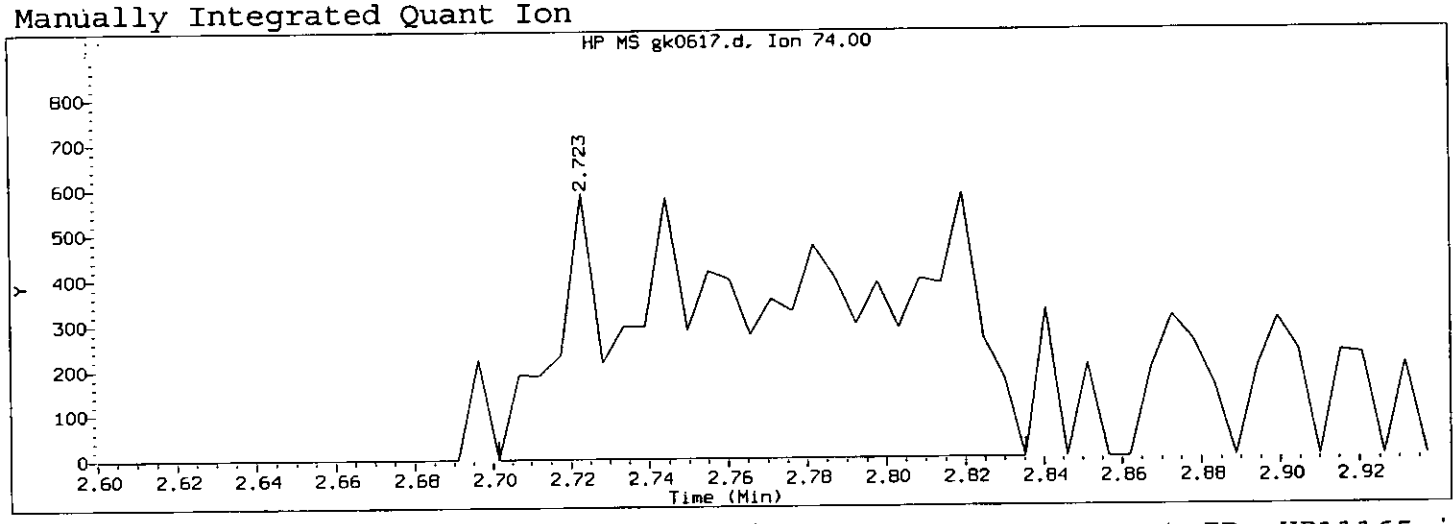
GB 147
8535 11/16/07

Original Integration Report for data file /chem/HP11165.i/07nov15a.b/gk0617.d, generated on 11/15/2007 at 20:01

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP11165.i/07nov15a.b/gk0617.d Instrument ID: HP11165.i
Injection date and time: 15-NOV-2007 19:23 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07nov15a.b/minti.m Sublist used: all1
Calibration date and time: 15-NOV-2007 19:33
Date, time and analyst ID of latest file update: 15-Nov-2007 19:58 gjd01970

Sample Name: SSTD001 Lab Sample ID: 8270MDL3107

Compound Number : 2
Compound Name : N-Nitrosodimethylamine
Scan Number : 147
Retention Time (minutes): 2.723
Quant Ion : 74
Area (flag) : 2659 M
Concentration (ng/ul) : 0.6074
Integration start scan : 142 Integration stop scan: 167
Y at integration start : 0 Y at integration end: 0

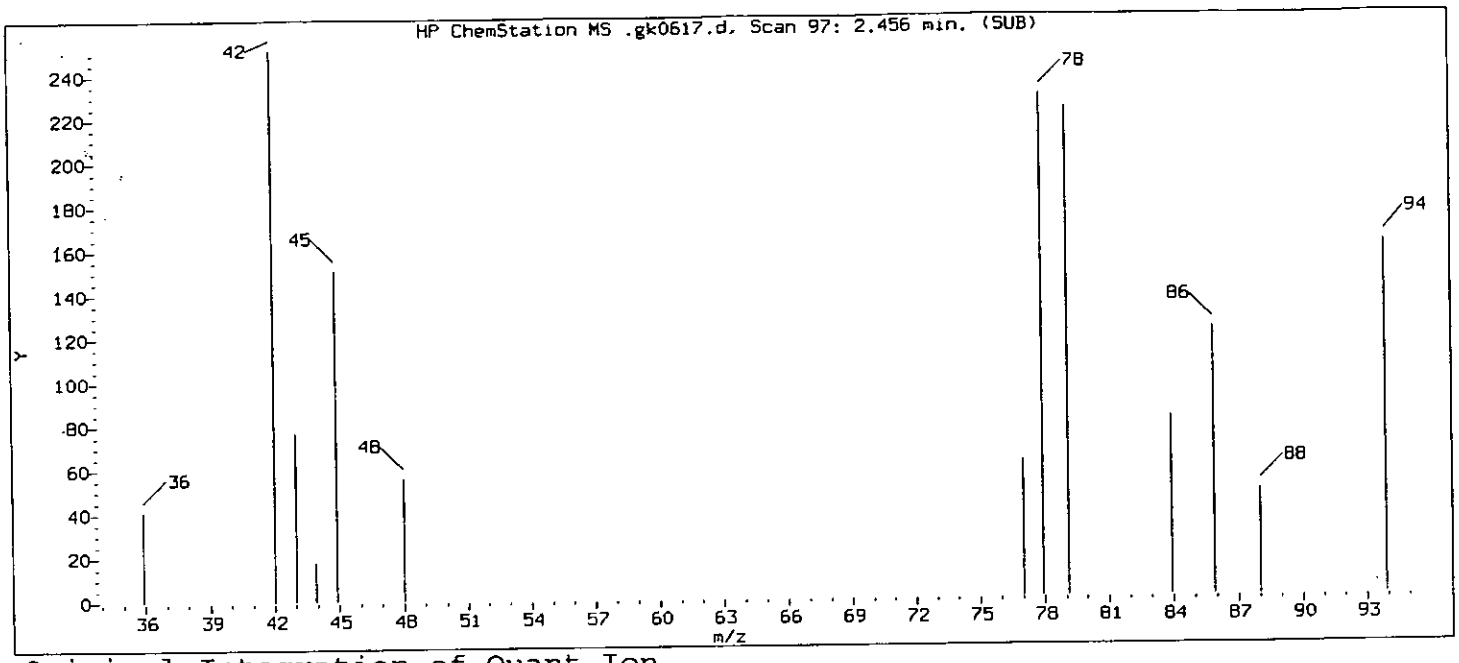
Reason for manual integration (circle one): missed peak (improper integration)

Analyst responsible for change: 1976 11/15/07

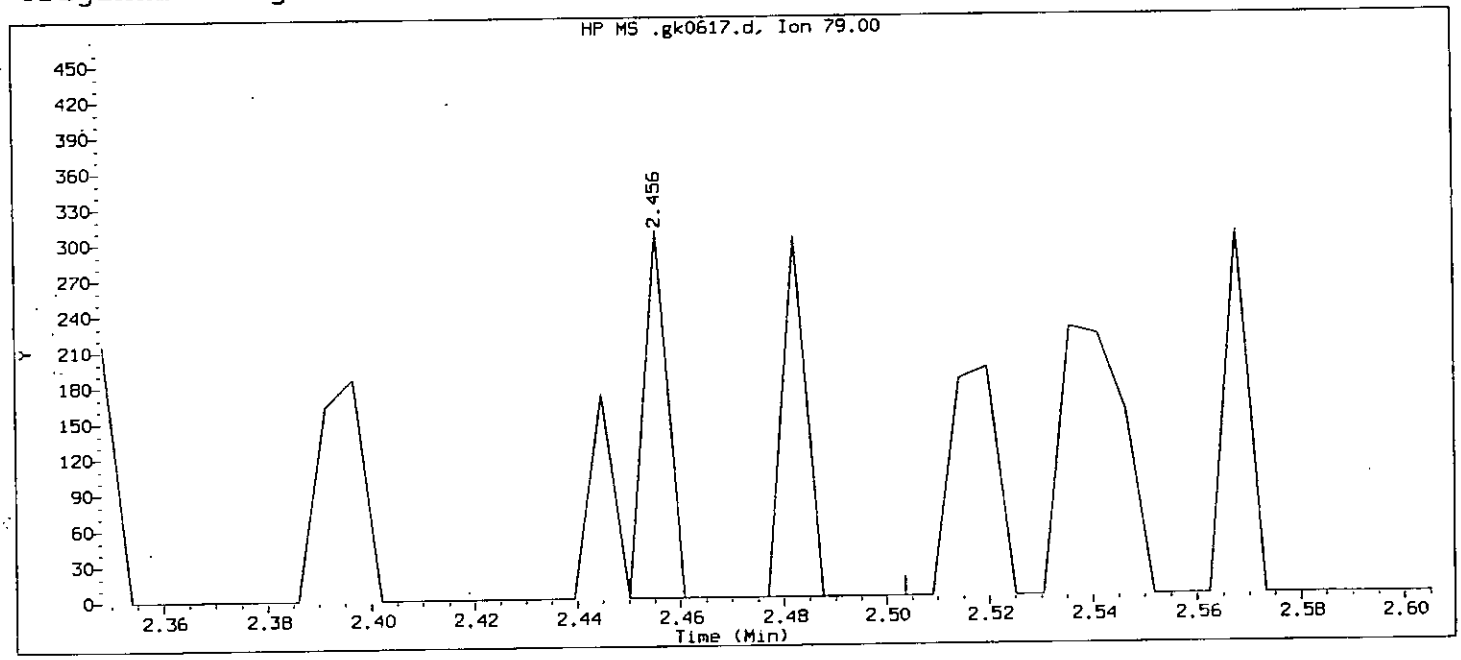
GC/MS audit/management approval: 8536 11/16/07

Manual Integration Report for data file /chem/HP11165.i/07nov15a.b/gk0617.d, generated on 11/15/2007 at 20:01

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP11165.i/07nov15a.b/gk0617.d Instrument ID: HP11165.i
Injection date and time: 15-NOV-2007 19:23 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07nov15a.b/minti.m Sublist used: all1
Calibration date and time: 15-NOV-2007 19:33
Date, time and analyst ID of latest file update: 15-Nov-2007 19:49 gjd01970

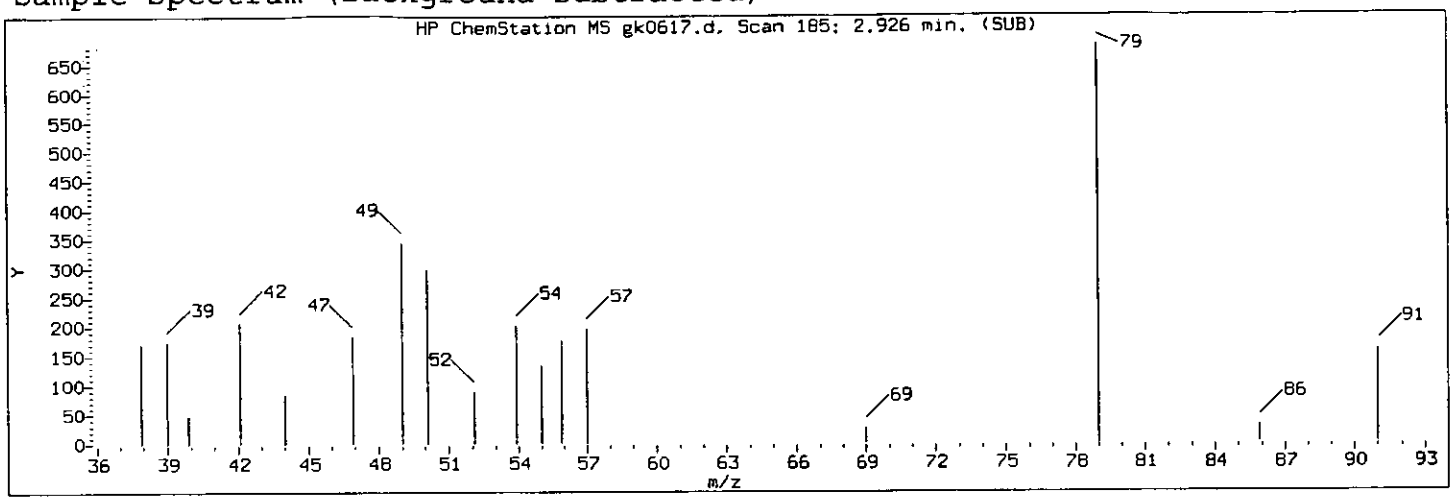
Sample Name: SSTD001 Lab Sample ID: 8270MDL3107

Compound Number	:	3
Compound Name	:	Pyridine
Scan Number	:	97
Retention Time (minutes)	:	2.456
Quant Ion	:	79
Area	:	196
Concentration (ng/ul)	:	0.0242
Integration start scan	:	95
Integration stop scan	:	105
Y at integration start	:	0
Y at integration end	:	0

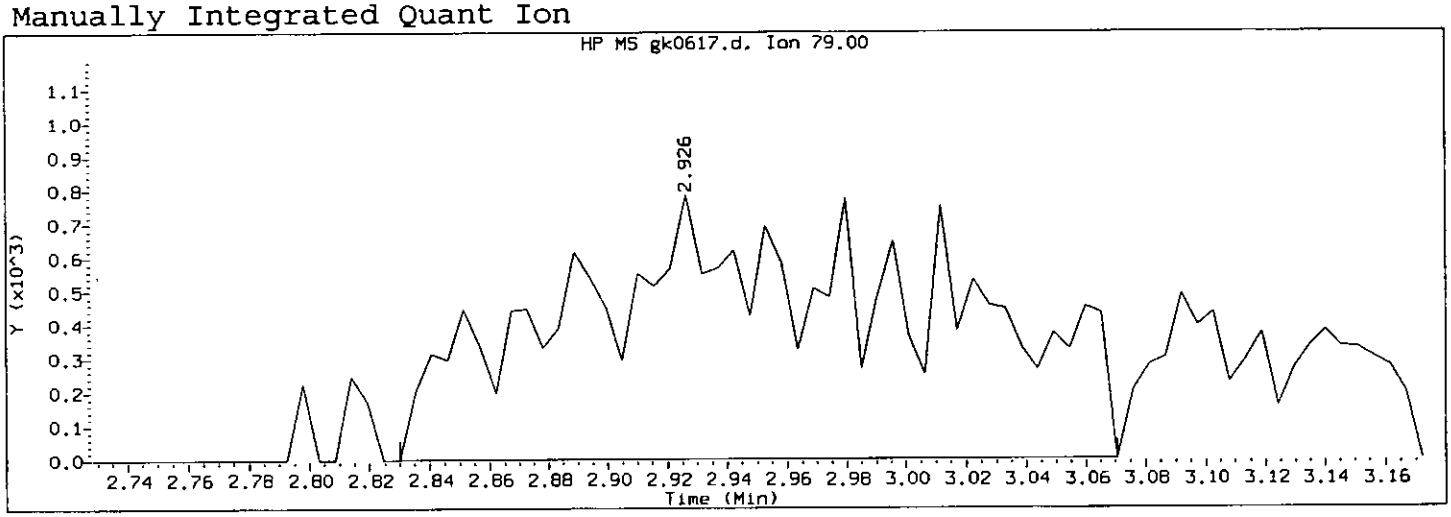
GSMD 11/15/07 0537

Original Integration Report for data file /chem/HP11165.i/07nov15a.b/gk0617.d, generated on 11/15/2007 at 20:01

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP11165.i/07nov15a.b/gk0617.d Instrument ID: HP11165.i
Injection date and time: 15-NOV-2007 19:23 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07nov15a.b/minti.m Sublist used: all1
Calibration date and time: 15-NOV-2007 19:33
Date, time and analyst ID of latest file update: 15-Nov-2007 19:58 gjd01970

Sample Name: SSTD001 Lab Sample ID: 8270MDL3107

Compound Number : 3
Compound Name : Pyridine
Scan Number : 185
Retention Time (minutes): 2.926
Quant Ion : 79
Area (flag) : 6425 M
Concentration (ng/ul) : 0.7909
Integration start scan : 166 Integration stop scan: 211
Y at integration start : 1 Y at integration end: 1

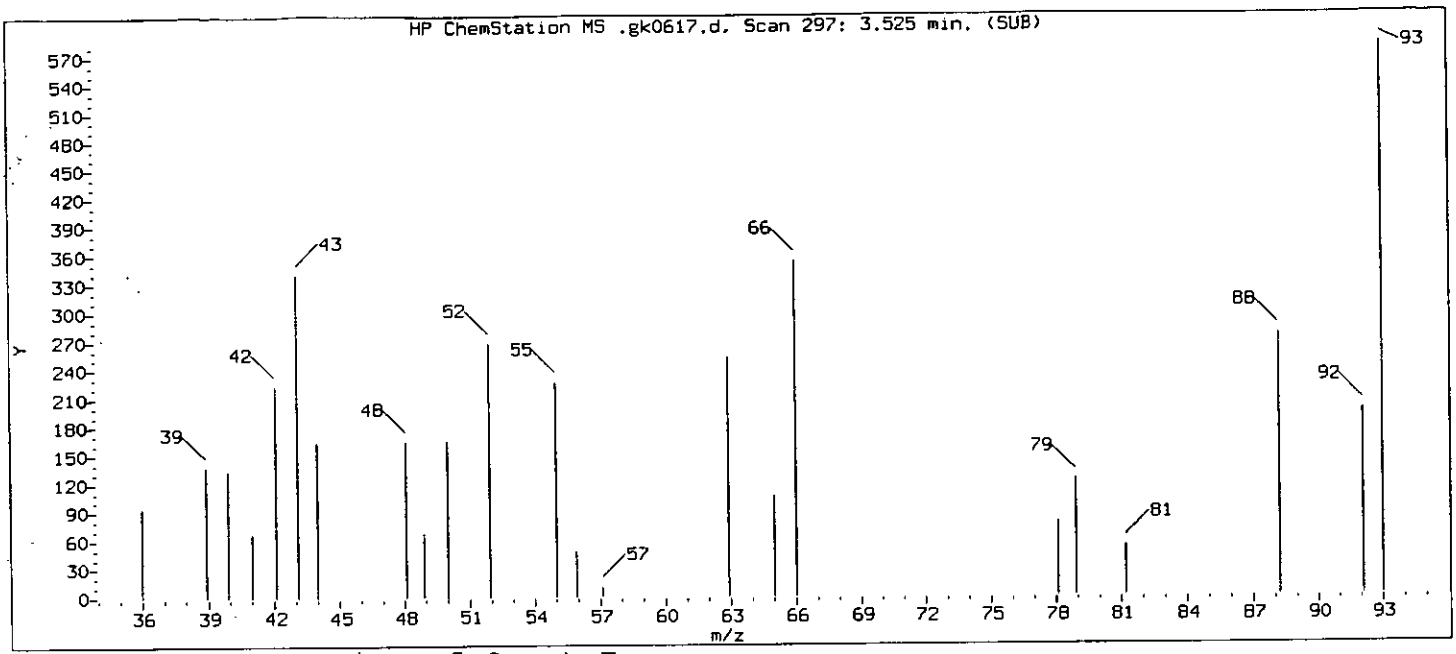
Reason for manual integration (circle one): missed peak improper integration

Analyst responsible for change: _____ 11/15/07

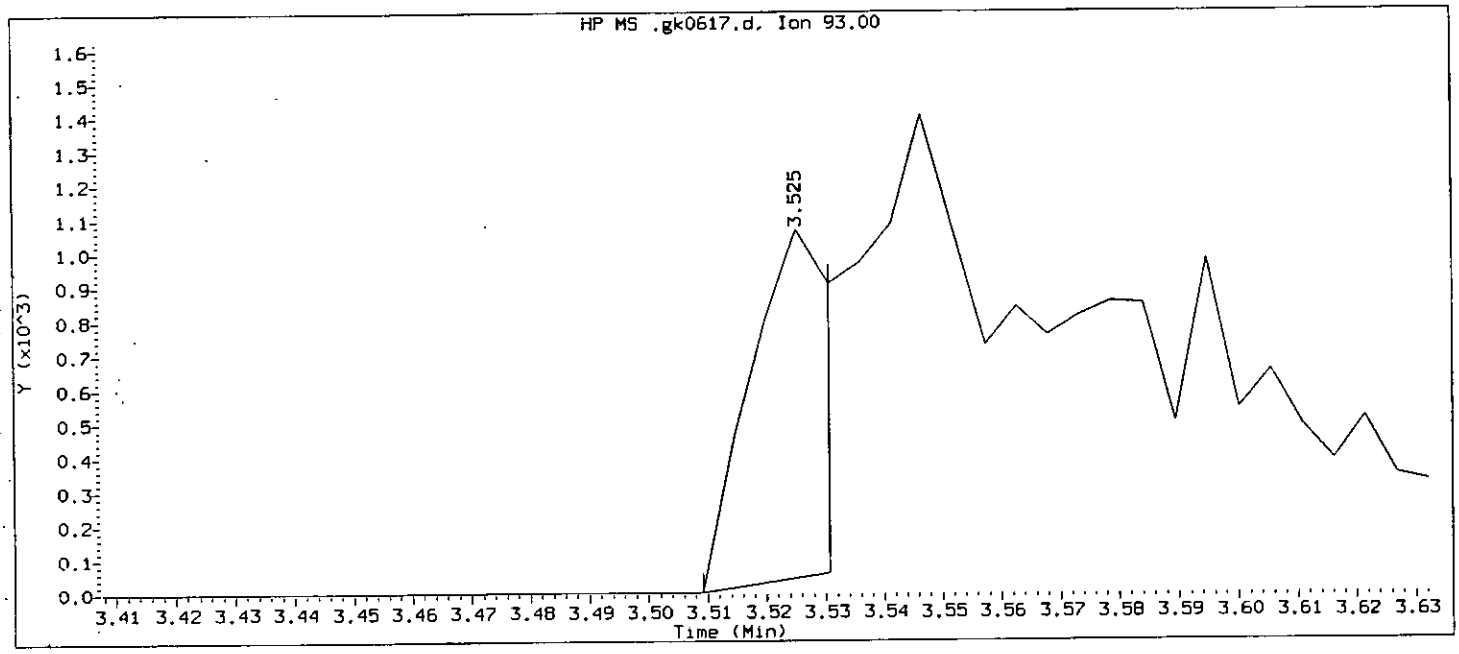
GC/MS audit/management approval: _____ 11/16/07

Manual Integration Report for data file /chem/HP11165.i/07nov15a.b/gk0617.d, generated on 11/15/2007 at 20:01

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP11165.i/07nov15a.b/gk0617.d Instrument ID: HP11165.i
Injection date and time: 15-NOV-2007 19:23 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07nov15a.b/minti.m Sublist used: all
Calibration date and time: 15-NOV-2007 19:33
Date, time and analyst ID of latest file update: 15-Nov-2007 19:49 gjd01970

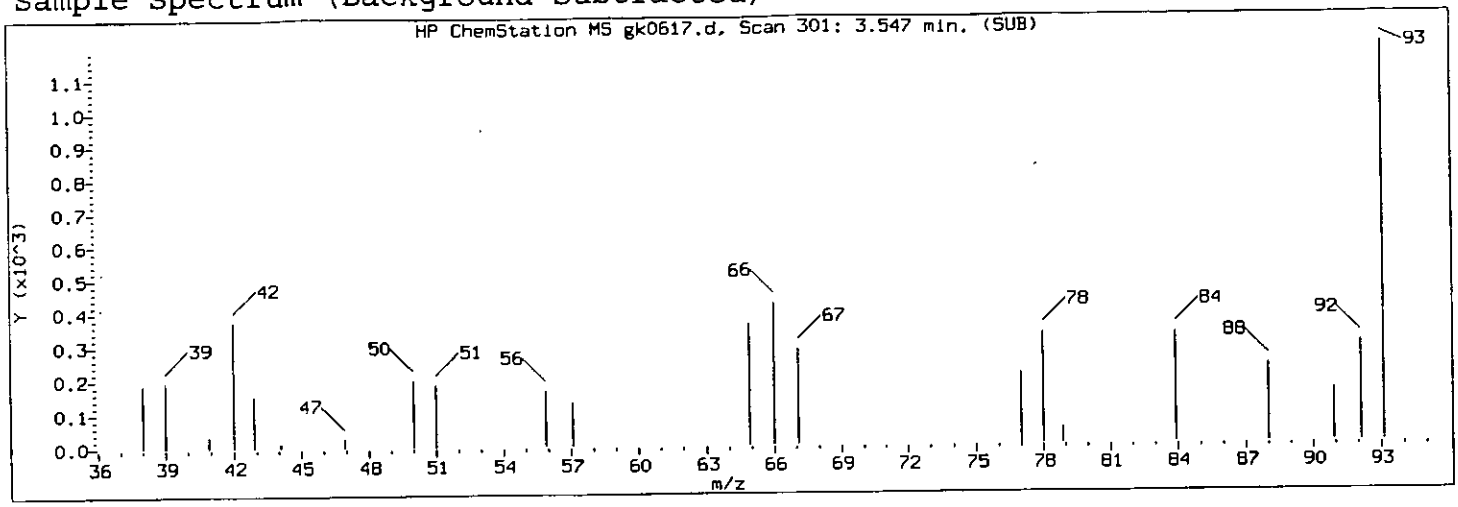
Sample Name: SSTD001 Lab Sample ID: 8270MDL3107

Compound Number	: 5
Compound Name	: 2-Picoline
Scan Number	: 297
Retention Time (minutes)	: 3.525
Quant Ion	: 93
Area	: 855
Concentration (ng/ul)	: 0.1109
Integration start scan	: 293 Integration stop scan: 297
Y at integration start	: 0 Y at integration end: 56

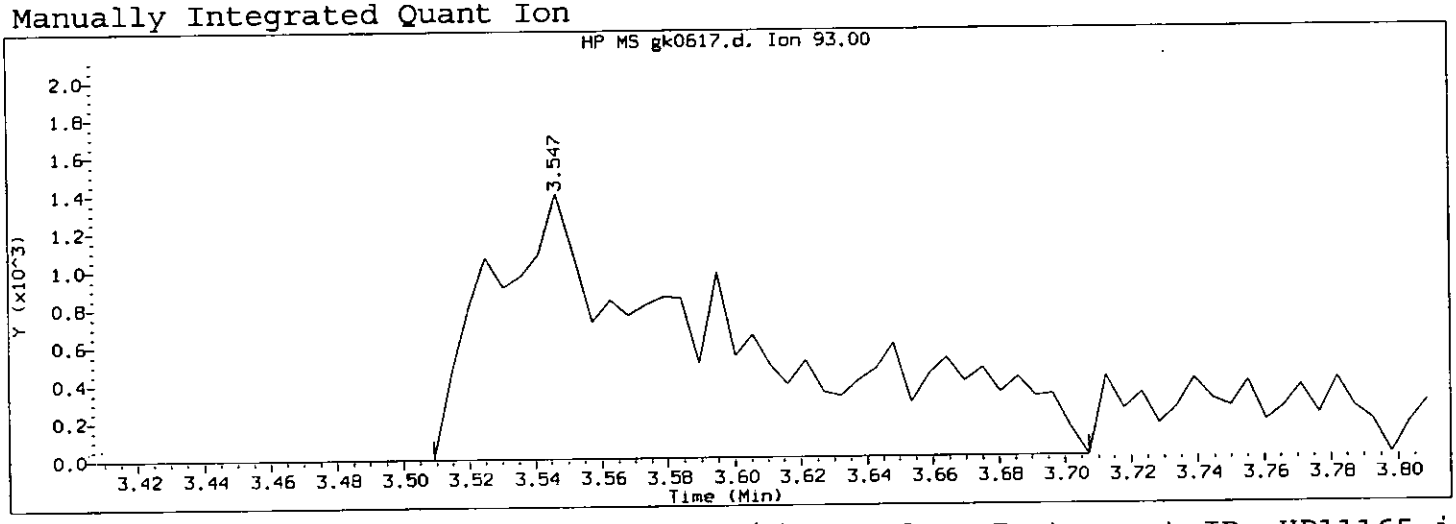
GBM70 11/15/07 0539

Original Integration Report for data file /chem/HP11165.i/07nov15a.b/gk0617.d, generated on 11/15/2007 at 20:01

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP11165.i/07nov15a.b/gk0617.d Instrument ID: HP11165.i
Injection date and time: 15-NOV-2007 19:23 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07nov15a.b/minti.m Sublist used: all1
Calibration date and time: 15-NOV-2007 19:33
Date, time and analyst ID of latest file update: 15-Nov-2007 19:58 gjd01970

Sample Name: SSTD001 Lab Sample ID: 8270MDL3107

Compound Number : 5
Compound Name : 2-Picoline
Scan Number : 301
Retention Time (minutes): 3.547
Quant Ion : 93
Area (flag) : 7202 M
Concentration (ng/ul) : 0.9342
Integration start scan : 293 Integration stop scan: 330
Y at integration start : -1 Y at integration end: -1

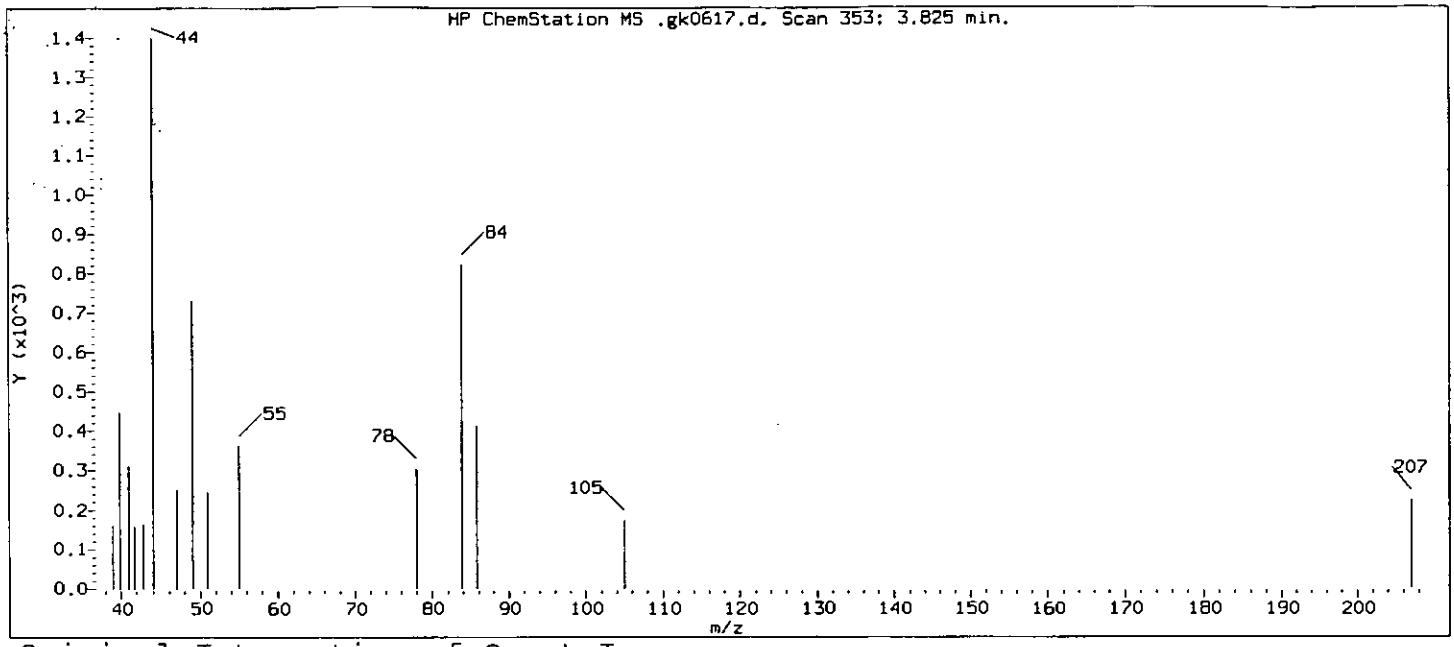
Reason for manual integration (circle one): missed peak improper integration

Analyst responsible for change: 1550 11/15/07

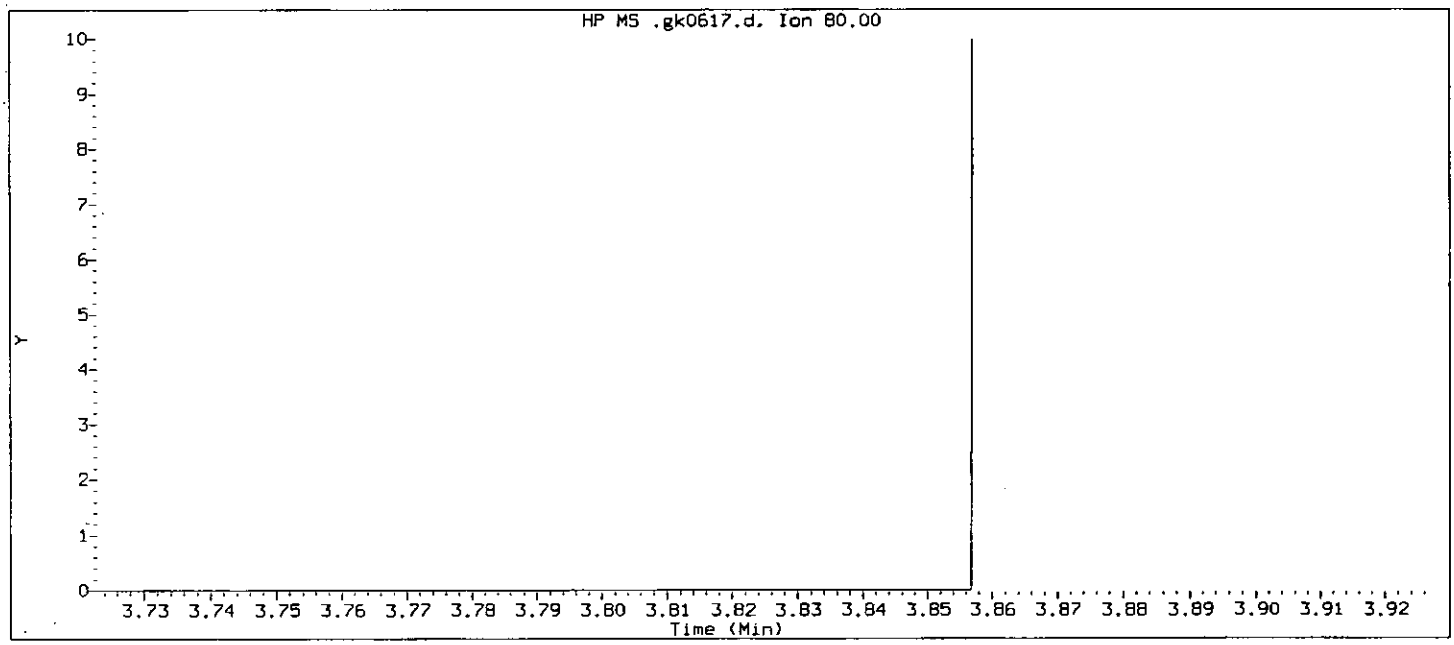
GC/MS audit/management approval: 0548 11/16/07

Manual Integration Report for data file /chem/HP11165.i/07nov15a.b/gk0617.d, generated on 11/15/2007 at 20:01

Sample Spectrum



Original Integration of Quant Ion



Data File: /chem/HP11165.i/07nov15a.b/gk0617.d Instrument ID: HP11165.i
Injection date and time: 15-NOV-2007 19:23 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07nov15a.b/minti.m Sublist used: all1
Calibration date and time: 15-NOV-2007 19:33
Date, time and analyst ID of latest file update: 15-Nov-2007 19:49 gjd01970

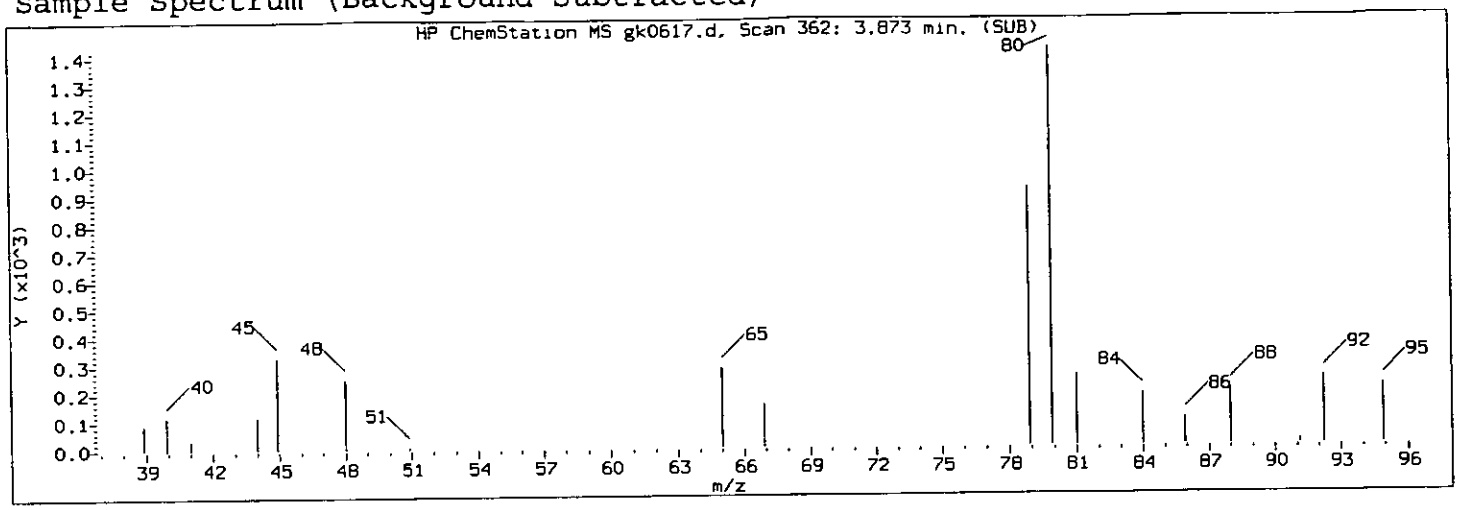
Sample Name: SSTD001 Lab Sample ID: 8270MDL3107

Compound Number : 7
Compound Name : Methyl methanesulfonate
Expected RT (minutes) : 3.825
Quant Ion : 80

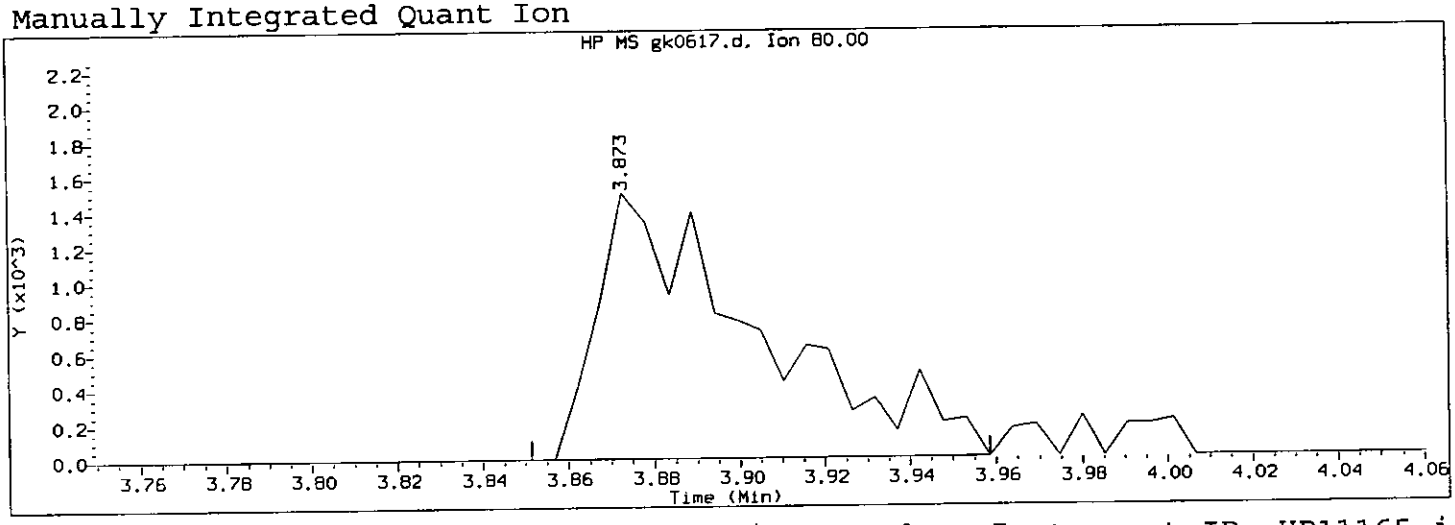
GS/17
11/15/17

Original Integration Report for data file /chem/HP11165.i/07nov15a.b/gk0617.d, generated on 11/15/2007 at 20:01

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP11165.i/07nov15a.b/gk0617.d Instrument ID: HP11165.i
Injection date and time: 15-NOV-2007 19:23 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07nov15a.b/minti.m Sublist used: all1
Calibration date and time: 15-NOV-2007 19:33
Date, time and analyst ID of latest file update: 15-Nov-2007 19:58 gjd01970

Sample Name: SSTD001 Lab Sample ID: 8270MDL3107

Compound Number : 7
Compound Name : Methyl methanesulfonate
Scan Number : 362
Retention Time (minutes): 3.873
Quant Ion : 80
Area (flag) : 3875 M
Concentration (ng/ul) : 1.1153
Integration start scan : 357 Integration stop scan: 377
Y at integration start : 0 Y at integration end: 0

Reason for manual integration (circle one): missed peak (improper integration)

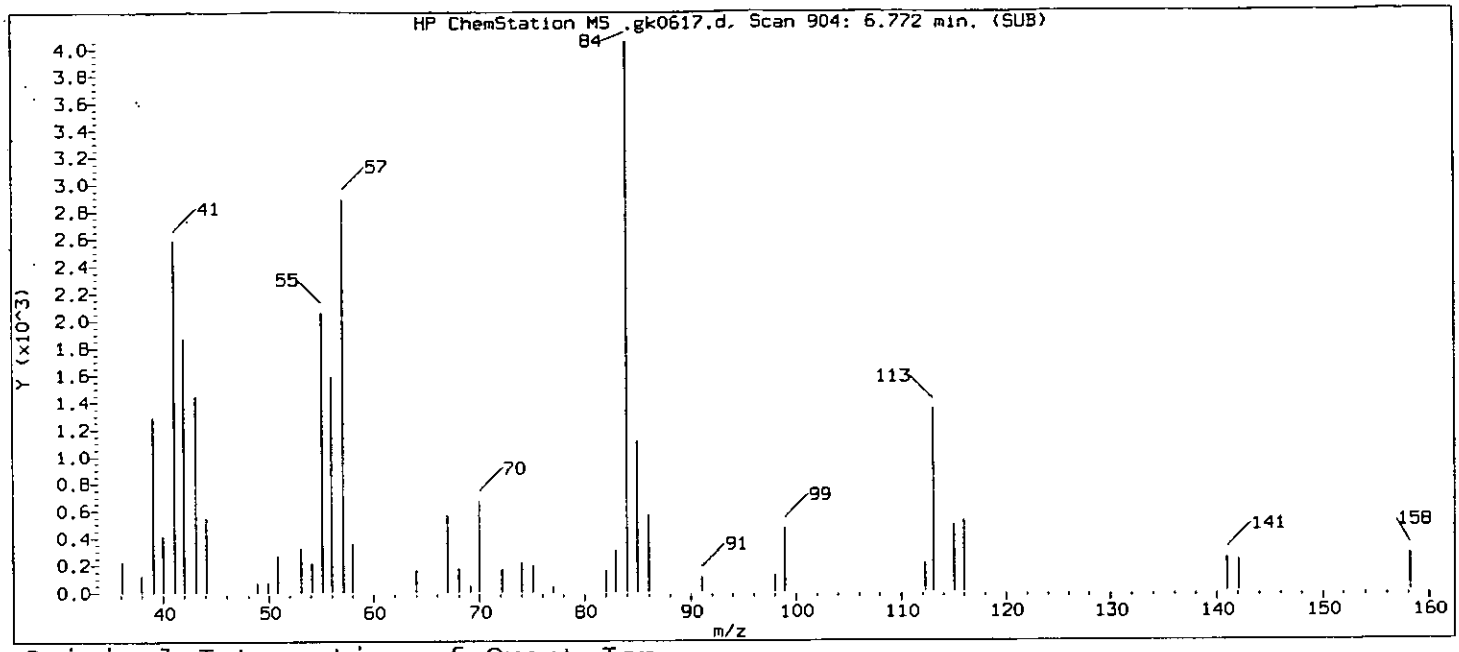
Analyst responsible for change: [signature] 1476 11/15/07

0542

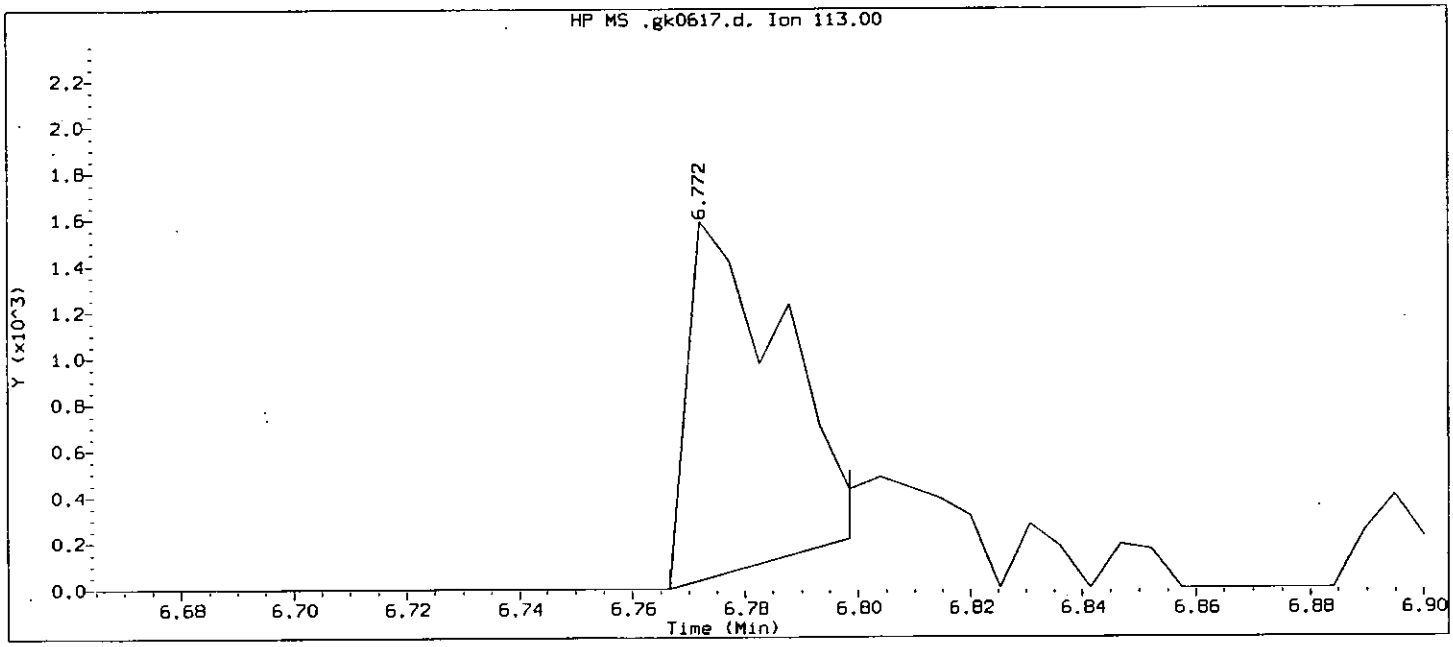
GC/MS audit/management approval: [signature] 11/16/07

Manual Integration Report for data file /chem/HP11165.i/07nov15a.b/gk0617.d, generated on 11/15/2007 at 20:01

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP11165.i/07nov15a.b/gk0617.d Instrument ID: HP11165.i
Injection date and time: 15-NOV-2007 19:23 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07nov15a.b/minti.m Sublist used: all1
Calibration date and time: 15-NOV-2007 19:33
Date, time and analyst ID of latest file update: 15-Nov-2007 19:49 gjd01970

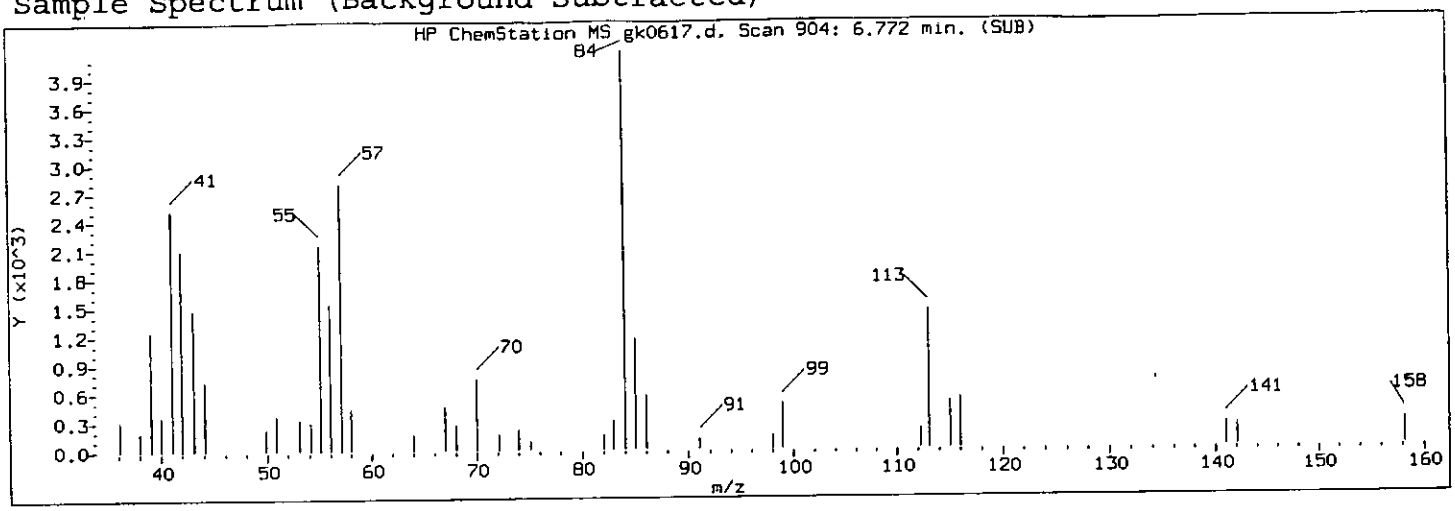
Sample Name: SSTD001 Lab Sample ID: 8270MDL3107

Compound Number	:	62
Compound Name	:	Caprolactam
Scan Number	:	904
Retention Time (minutes)	:	6.772
Quant Ion	:	113
Area	:	1763
Concentration (ng/ul)	:	0.7524
Integration start scan	:	902 Integration stop scan: 908
Y at integration start	:	0 Y at integration end: 214

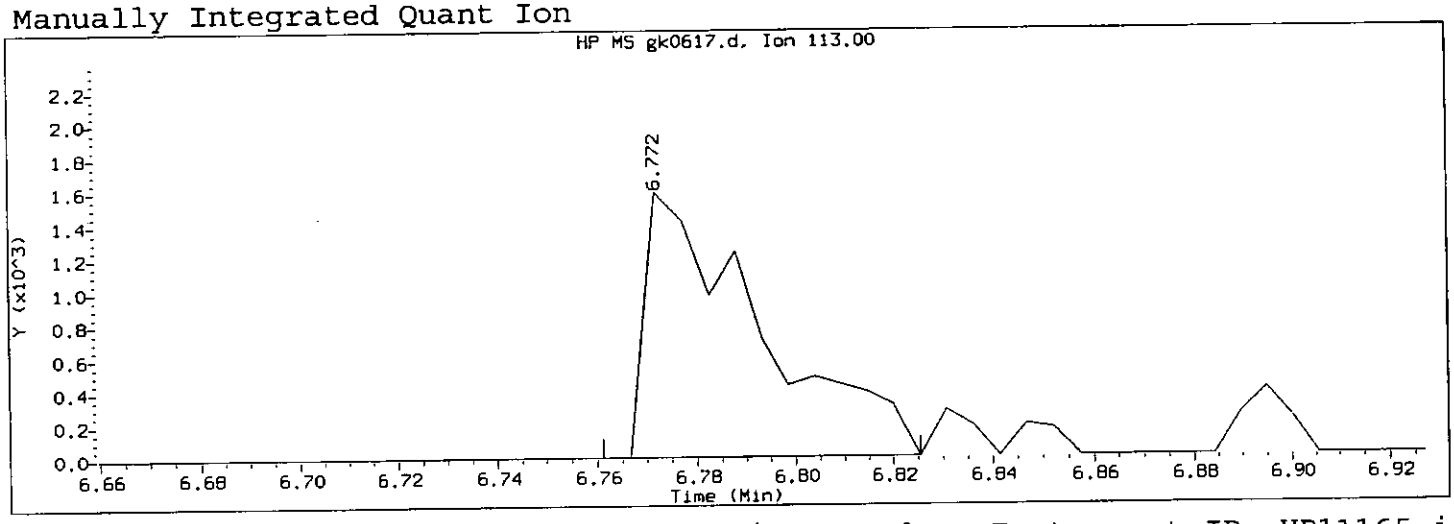
GJ 11/9/07
11/15/07
0543

Original Integration Report for data file /chem/HP11165.i/07nov15a.b/gk0617.d, generated on 11/15/2007 at 20:01

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP11165.i/07nov15a.b/gk0617.d Instrument ID: HP11165.i
Injection date and time: 15-NOV-2007 19:23 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07nov15a.b/minti.m Sublist used: all
Calibration date and time: 15-NOV-2007 19:33
Date, time and analyst ID of latest file update: 15-Nov-2007 19:58 gjd01970

Sample Name: SSTD001 Lab Sample ID: 8270MDL3107

Compound Number : 62
Compound Name : Caprolactam
Scan Number : 904
Retention Time (minutes): 6.772
Quant Ion : 113
Area (flag) : 2558 M
Concentration (ng/ul) : 1.0914
Integration start scan : 901 Integration stop scan: 913
Y at integration start : 0 Y at integration end: 0

Reason for manual integration (circle one): missed peak improper integration

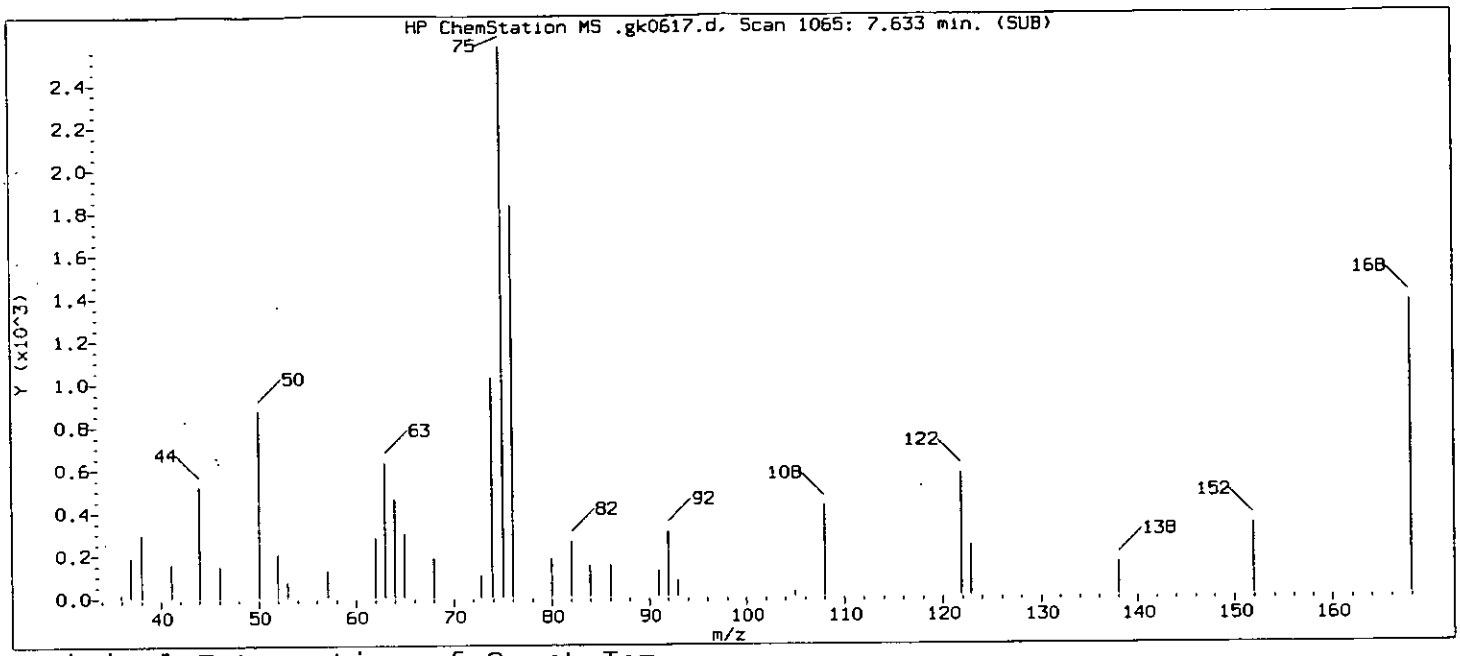
Analyst responsible for change: [signature] 1976 11/15/07

GC/MS audit/management approval: [signature] 11/16/07

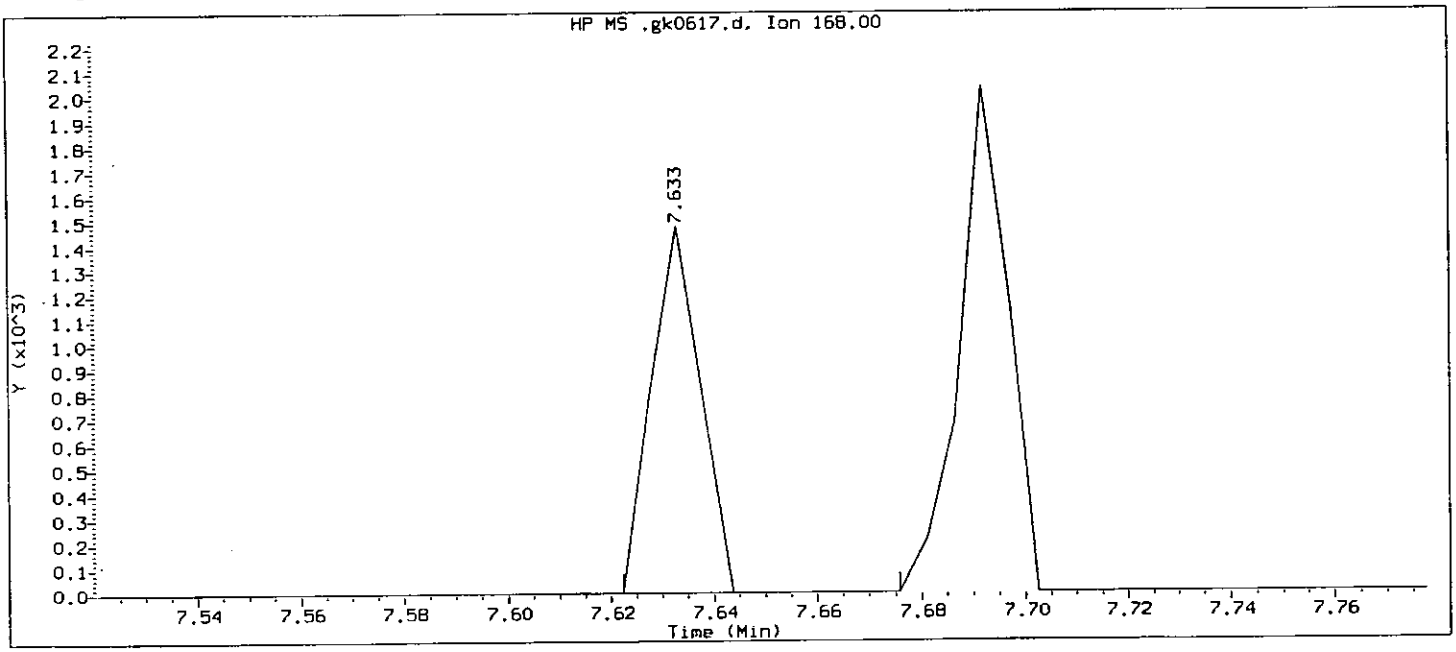
8544

Manual Integration Report for data file /chem/HP11165.i/07nov15a.b/gk0617.d, generated on 11/15/2007 at 20:01

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP11165.i/07nov15a.b/gk0617.d Instrument ID: HP11165.i
Injection date and time: 15-NOV-2007 19:23 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07nov15a.b/minti.m Sublist used: all1
Calibration date and time: 15-NOV-2007 19:33
Date, time and analyst ID of latest file update: 15-Nov-2007 19:49 gjd01970

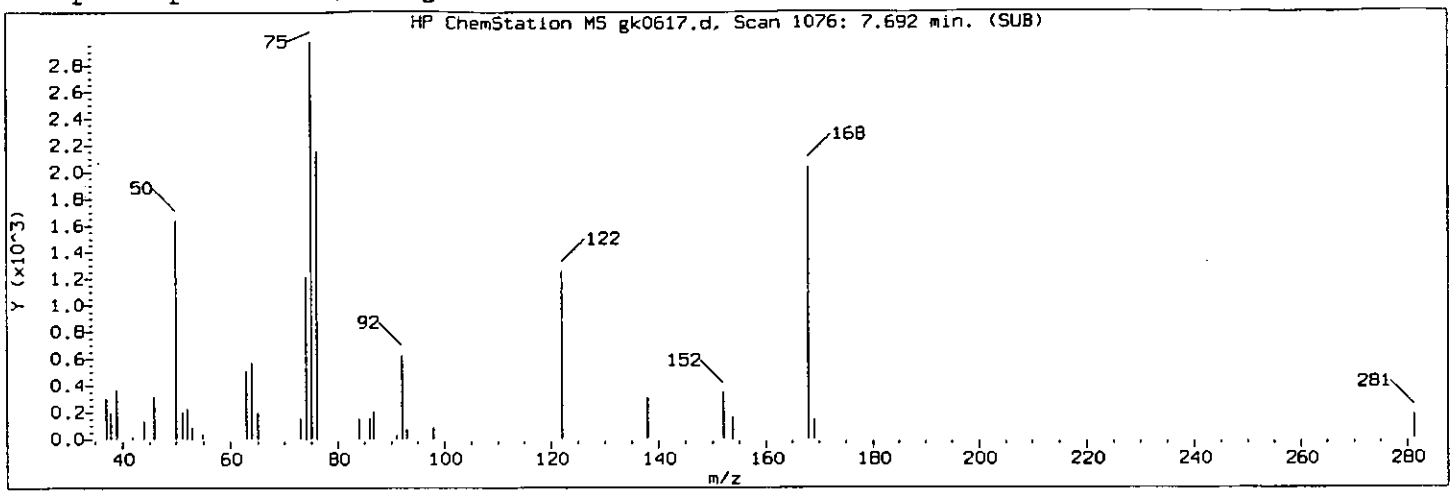
Sample Name: SSTD001 Lab Sample ID: 8270MDL3107

Compound Number : 92
Compound Name : 1,3-Dinitrobenzene
Scan Number : 1065
Retention Time (minutes): 7.633
Quant Ion : 168
Area : 963
Concentration (ng/ul) : 0.4571
Integration start scan : 1062 Integration stop scan: 1072
Y at integration start : 0 Y at integration end: 0

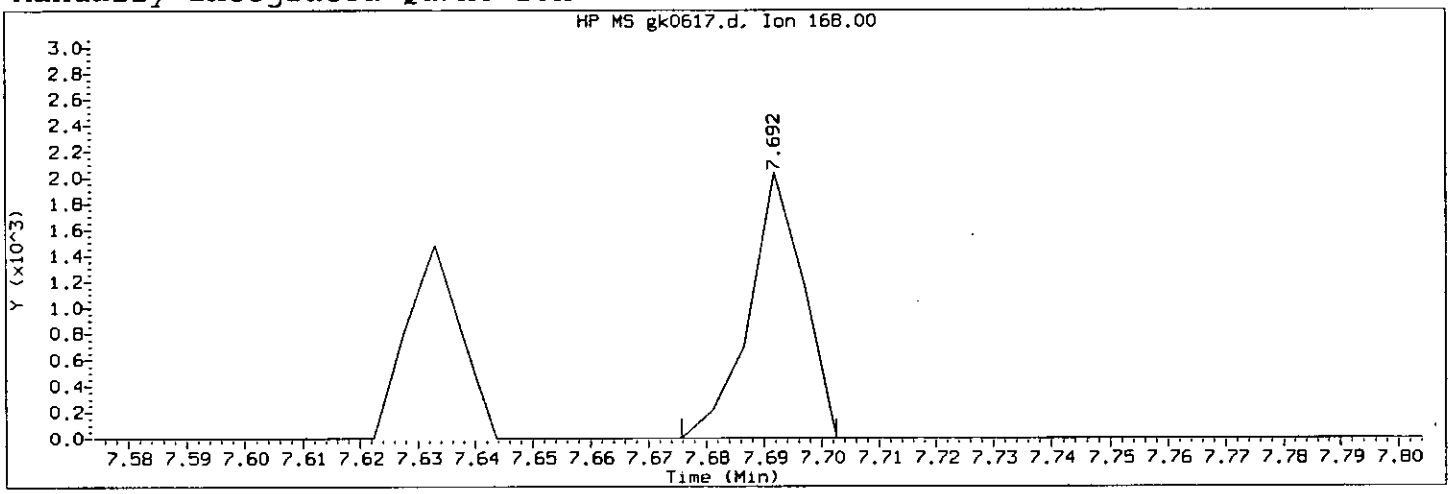
GD/17
0545 11/15/07

Original Integration Report for data file /chem/HP11165.i/07nov15a.b/gk0617.d, generated on 11/15/2007 at 20:01

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP11165.i/07nov15a.b/gk0617.d Instrument ID: HP11165.i
Injection date and time: 15-NOV-2007 19:23 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07nov15a.b/minti.m Sublist used: all1
Calibration date and time: 15-NOV-2007 19:33
Date, time and analyst ID of latest file update: 15-Nov-2007 19:58 gjd01970

Sample Name: SSTD001 Lab Sample ID: 8270MDL3107

Compound Number : 92
Compound Name : 1,3-Dinitrobenzene
Scan Number : 1076
Retention Time (minutes): 7.692
Quant Ion : 168
Area (flag) : 1317 M
Concentration (ng/ul) : 0.6252
Integration start scan : 1072 Integration stop scan: 1077
Y at integration start : 0 Y at integration end: 0

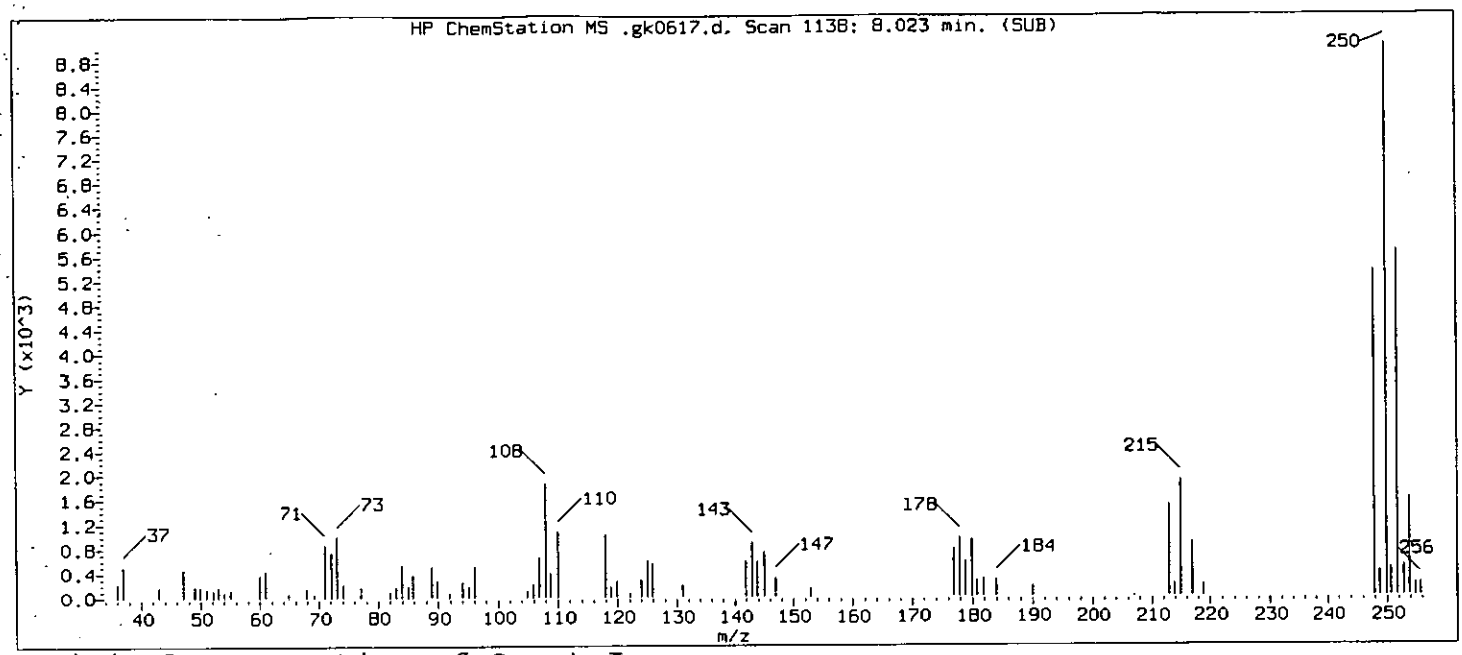
Reason for manual integration (circle one): missed peak (improper integration)

Analyst responsible for change: 1470 11/15/07

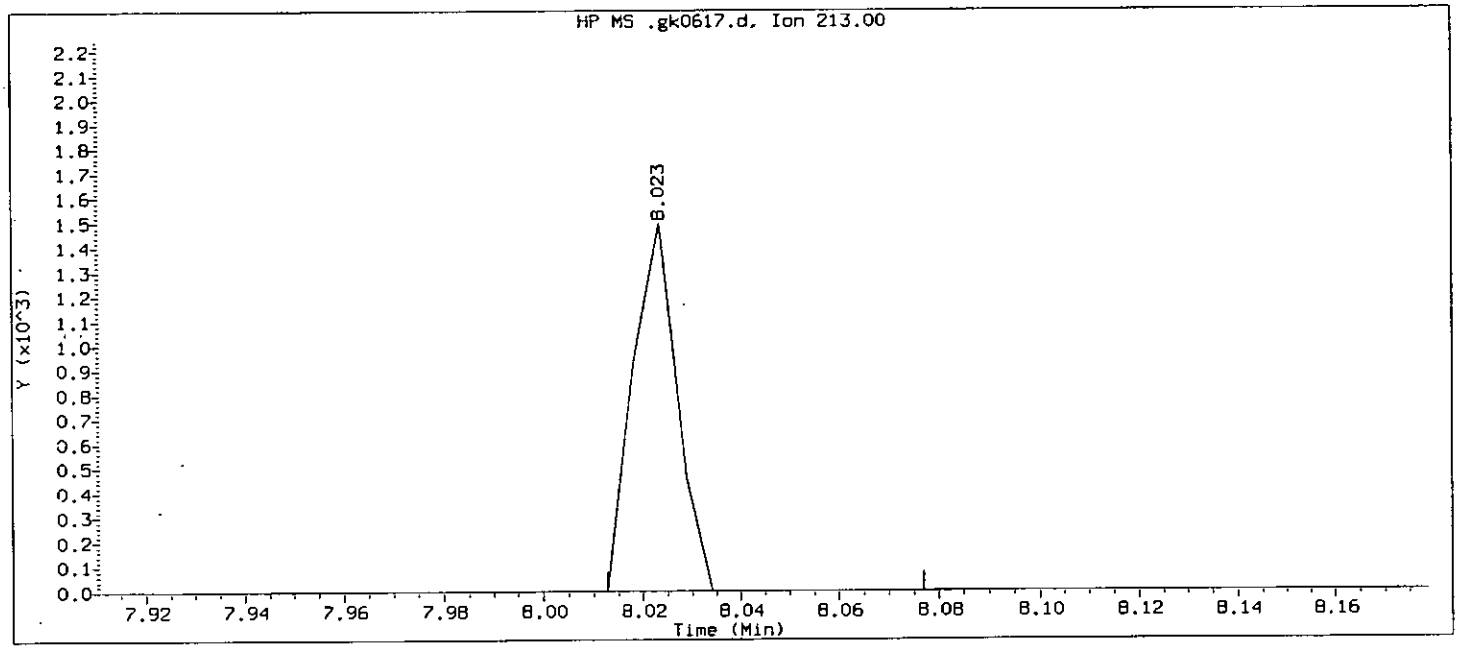
GC/MS audit/management approval: 11/16/07 0546

Manual Integration Report for data file /chem/HP11165.i/07nov15a.b/gk0617.d, generated on 11/15/2007 at 20:01

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP11165.i/07nov15a.b/gk0617.d Instrument ID: HP11165.i
Injection date and time: 15-NOV-2007 19:23 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07nov15a.b/minti.m Sublist used: all1
Calibration date and time: 15-NOV-2007 19:33
Date, time and analyst ID of latest file update: 15-Nov-2007 19:49 gjd01970

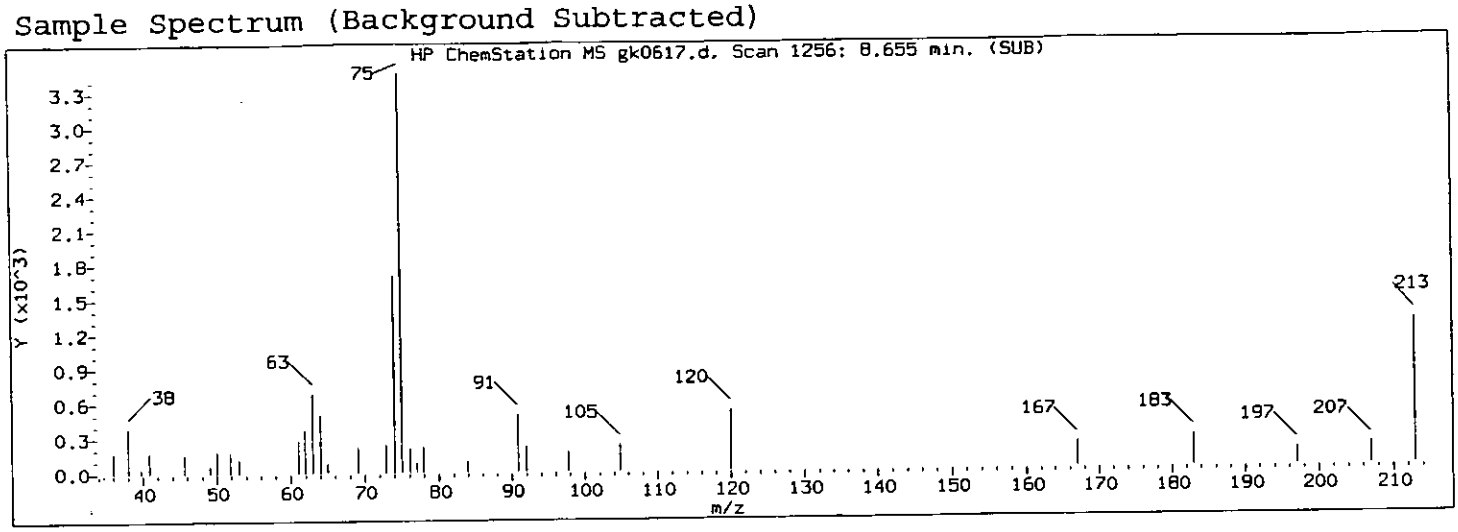
Sample Name: SSTD001 Lab Sample ID: 8270MDL3107

Compound Number	: 120
Compound Name	: 1,3,5-Trinitrobenzene
Scan Number	: 1138
Retention Time (minutes)	: 8.023
Quant Ion	: 213
Area	: 928
Concentration (ng/ul)	: 6.1039
Integration start scan	: 1135 Integration stop scan: 1147
Y at integration start	: 0 Y at integration end: 0

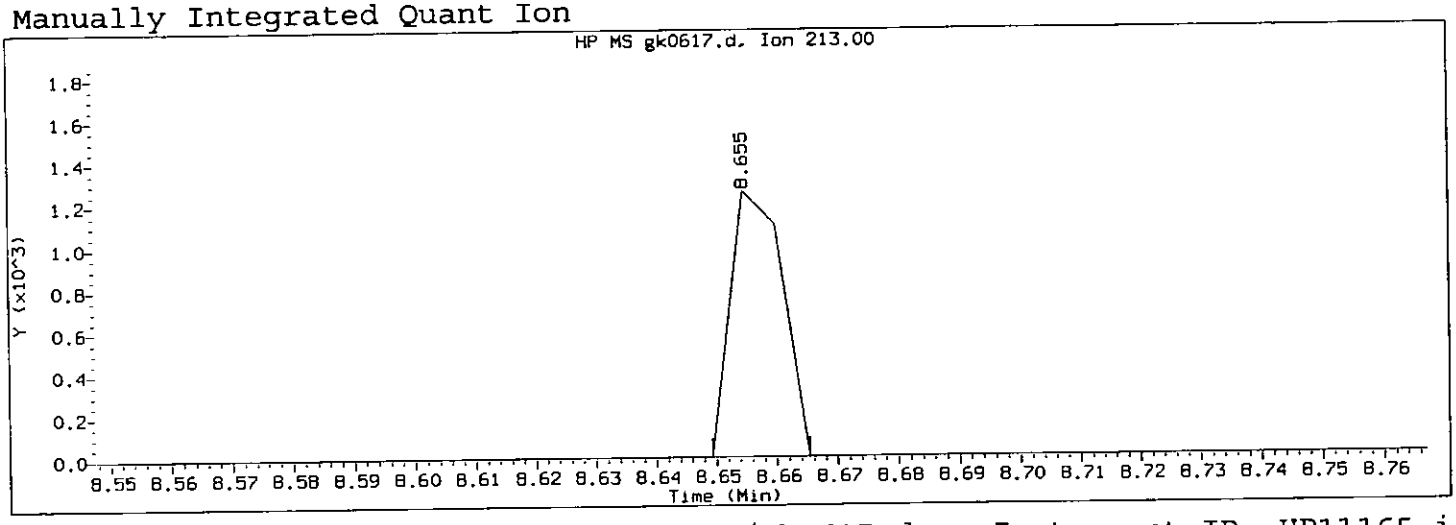
GJ 11/15/07
0547

Original Integration Report for data file /chem/HP11165.i/07nov15a.b/gk0617.d, generated on 11/15/2007 at 20:01

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP11165.i/07nov15a.b/gk0617.d Instrument ID: HP11165.i
Injection date and time: 15-NOV-2007 19:23 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07nov15a.b/minti.m Sublist used: all
Calibration date and time: 15-NOV-2007 19:33
Date, time and analyst ID of latest file update: 15-Nov-2007 19:58 gjd01970

Sample Name: SSTD001 Lab Sample ID: 8270MDL3107

Compound Number : 120
Compound Name : 1,3,5-Trinitrobenzene
Scan Number : 1256
Retention Time (minutes): 8.655
Quant Ion : 213
Area (flag) : 756 M
Concentration (ng/ul) : 6.0092
Integration start scan : 1254 Integration stop scan: 1257
Y at integration start : 0 Y at integration end: 0

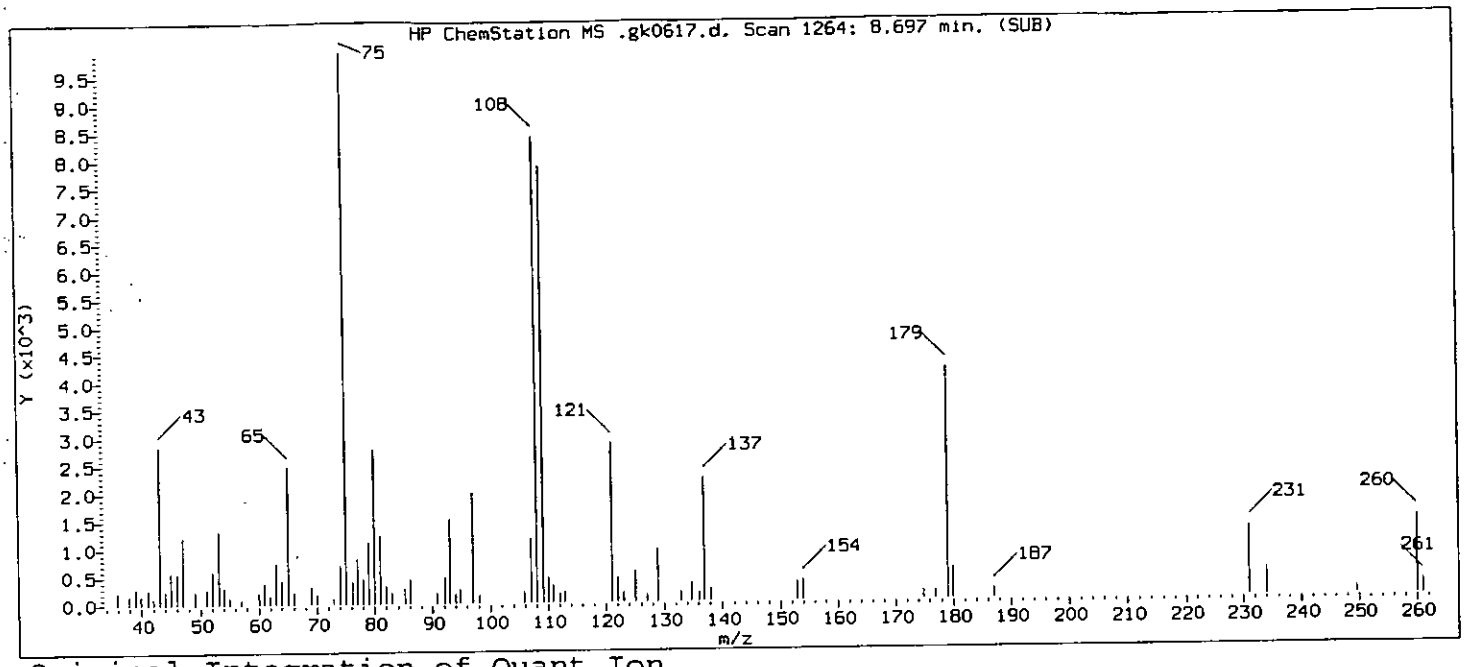
Reason for manual integration (circle one): missed peak improper integration

Analyst responsible for change: _____ 1570 11/16/07

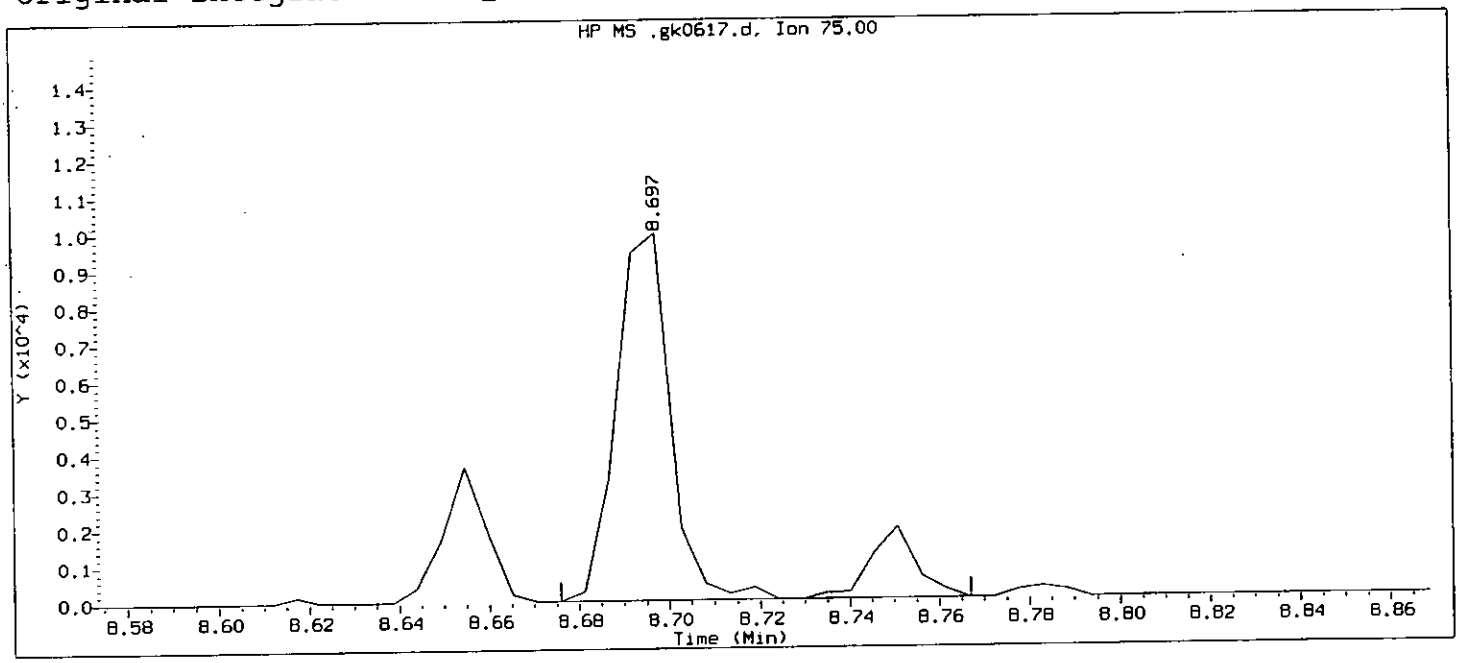
GC/MS audit/management approval: _____ 8548 11/16/07

Manual Integration Report for data file /chem/HP11165.i/07nov15a.b/gk0617.d, generated on 11/15/2007 at 20:01

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP11165.i/07nov15a.b/gk0617.d Instrument ID: HP11165.i
Injection date and time: 15-NOV-2007 19:23 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07nov15a.b/minti.m Sublist used: all1
Calibration date and time: 15-NOV-2007 19:33
Date, time and analyst ID of latest file update: 15-Nov-2007 19:49 gjd01970

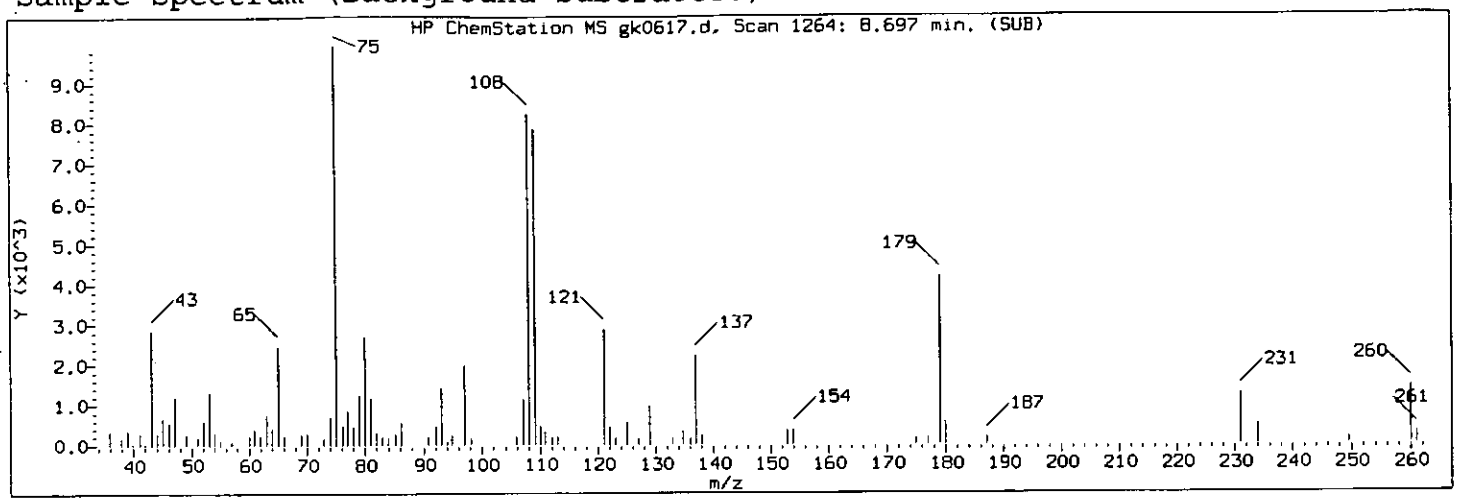
Sample Name: SSTD001 Lab Sample ID: 8270MDL3107

Compound Number	:	122
Compound Name	:	Phorate
Scan Number	:	1264
Retention Time (minutes)	:	8.697
Quant Ion	:	75
Area	:	9679
Concentration (ng/ul)	:	0.9771
Integration start scan	:	1259
Integration stop scan	:	1276
Y at integration start	:	0
Y at integration end	:	0

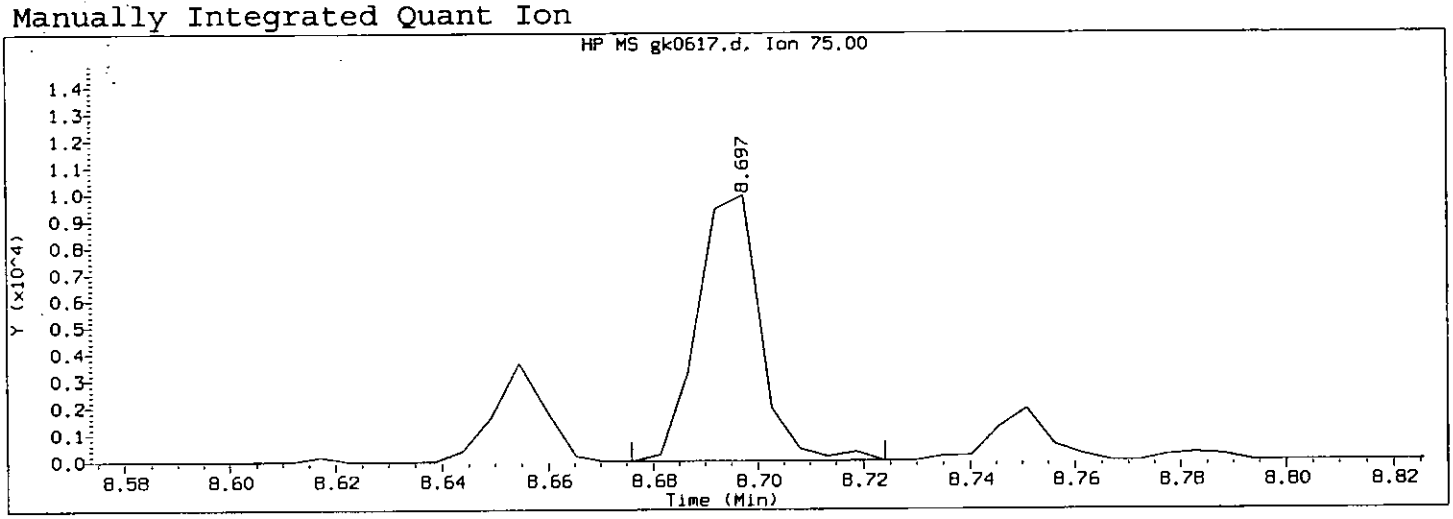
GB/11/20
8549/11/07

Original Integration Report for data file /chem/HP11165.i/07nov15a.b/gk0617.d, generated on 11/15/2007 at 20:01

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP11165.i/07nov15a.b/gk0617.d Instrument ID: HP11165.i
Injection date and time: 15-NOV-2007 19:23 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07nov15a.b/minti.m Sublist used: all1
Calibration date and time: 15-NOV-2007 19:33
Date, time and analyst ID of latest file update: 15-Nov-2007 19:58 gjd01970

Sample Name: SSTD001 Lab Sample ID: 8270MDL3107

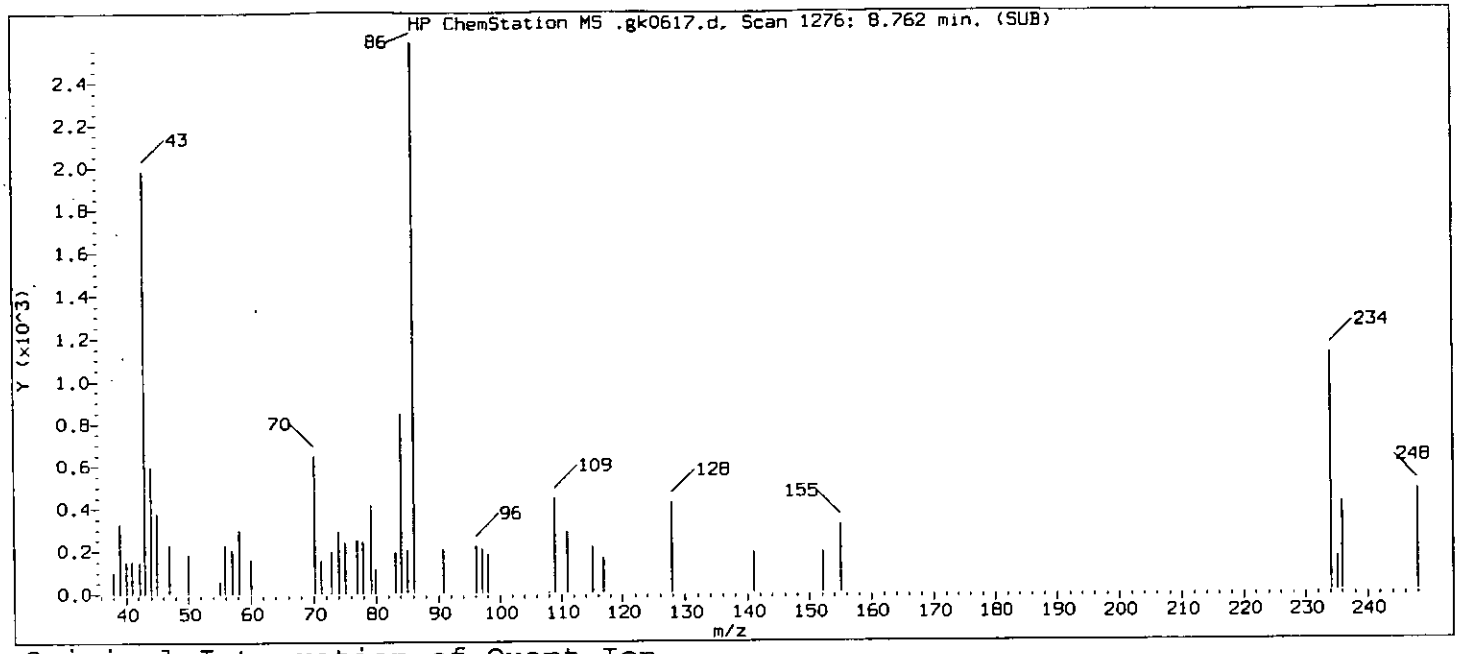
Compound Number	:	122
Compound Name	:	Phorate
Scan Number	:	1264
Retention Time (minutes)	:	8.697
Quant Ion	:	75
Area (flag)	:	8279 M
Concentration (ng/ul)	:	0.8358
Integration start scan	:	1259 Integration stop scan: 1268
Y at integration start	:	0 Y at integration end: 0

Reason for manual integration (circle one): missed peak (improper integration)

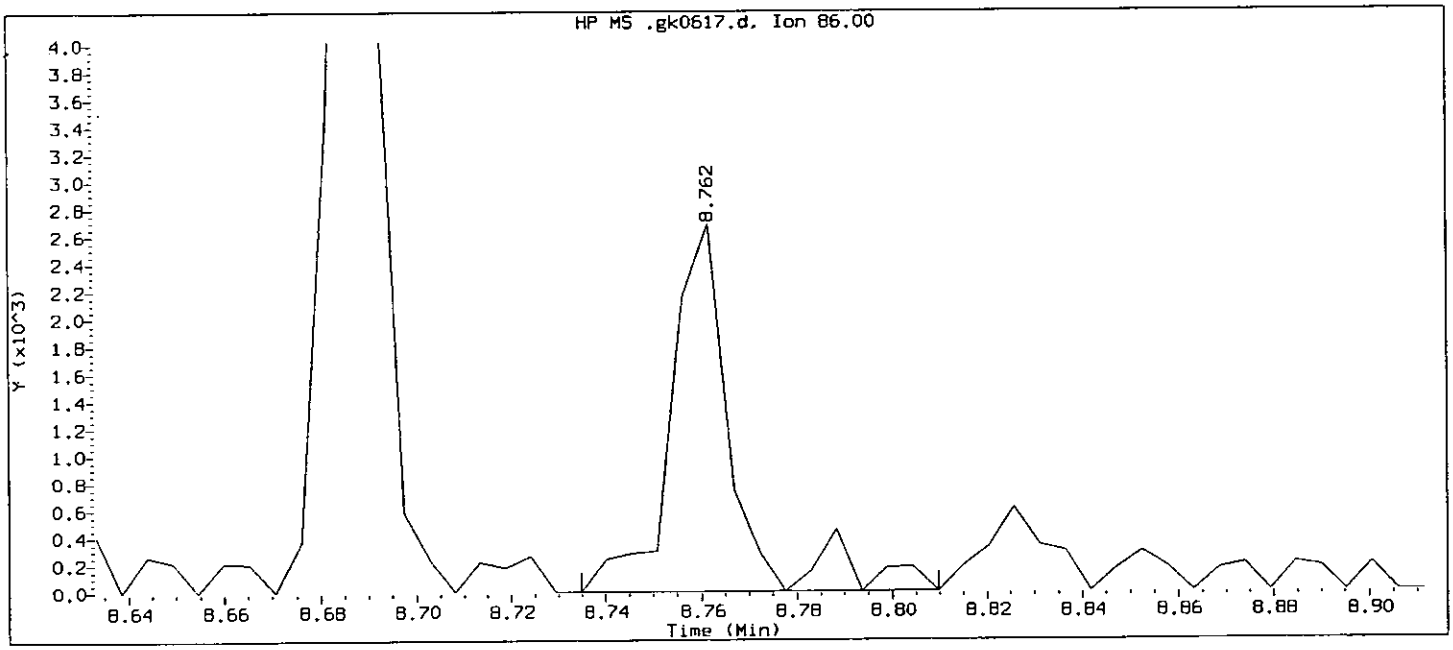
Analyst responsible for change: 1970 11/15/07

GC/MS audit/management approval: 8550 11/16/07

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP11165.i/07nov15a.b/gk0617.d Instrument ID: HP11165.i
Injection date and time: 15-NOV-2007 19:23 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07nov15a.b/minti.m Sublist used: all
Calibration date and time: 15-NOV-2007 19:33
Date, time and analyst ID of latest file update: 15-Nov-2007 19:49 gjd01970

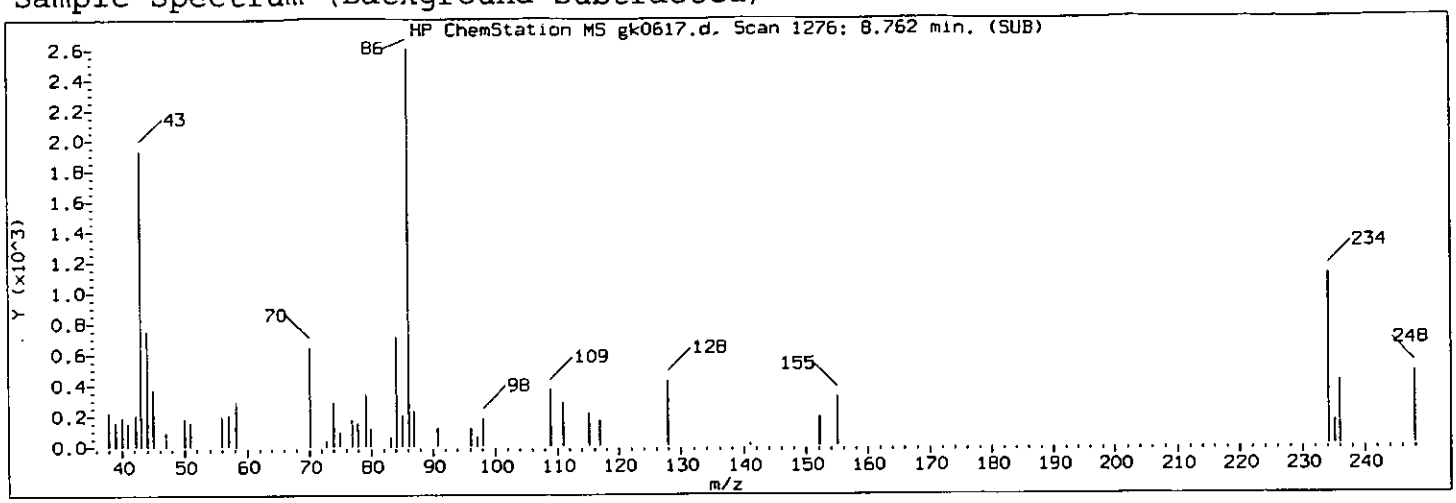
Sample Name: SSTD001 Lab Sample ID: 8270MDL3107

Compound Number : 125
Compound Name : Diallate (peak 2)
Scan Number : 1276
Retention Time (minutes): 8.762
Quant Ion : 86
Area : 2446
Concentration (ng/ul) : 0.3367
Integration start scan : 1270 Integration stop scan: 1284
Y at integration start : 0 Y at integration end: 0

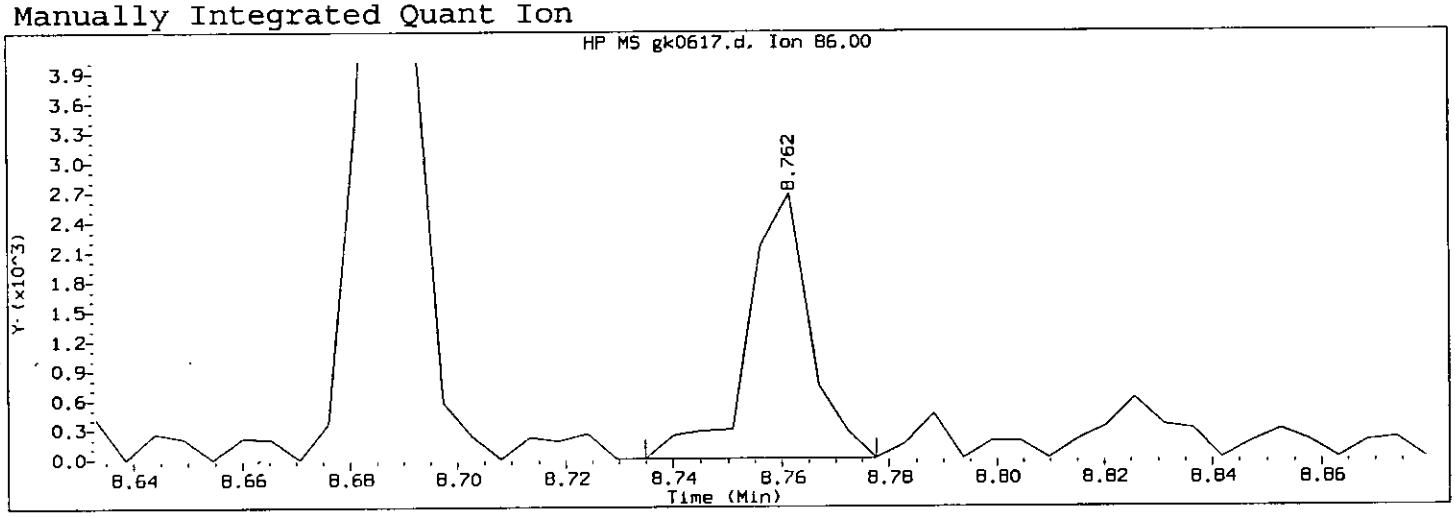
CB/970
8551 11/15/07

Original Integration Report for data file /chem/HP11165.i/07nov15a.b/gk0617.d, generated on 11/15/2007 at 20:01

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP11165.i/07nov15a.b/gk0617.d Instrument ID: HP11165.i
Injection date and time: 15-NOV-2007 19:23 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07nov15a.b/minti.m Sublist used: all1
Calibration date and time: 15-NOV-2007 19:33
Date, time and analyst ID of latest file update: 15-Nov-2007 19:58 gjd01970

Sample Name: SSTD001 Lab Sample ID: 8270MDL3107

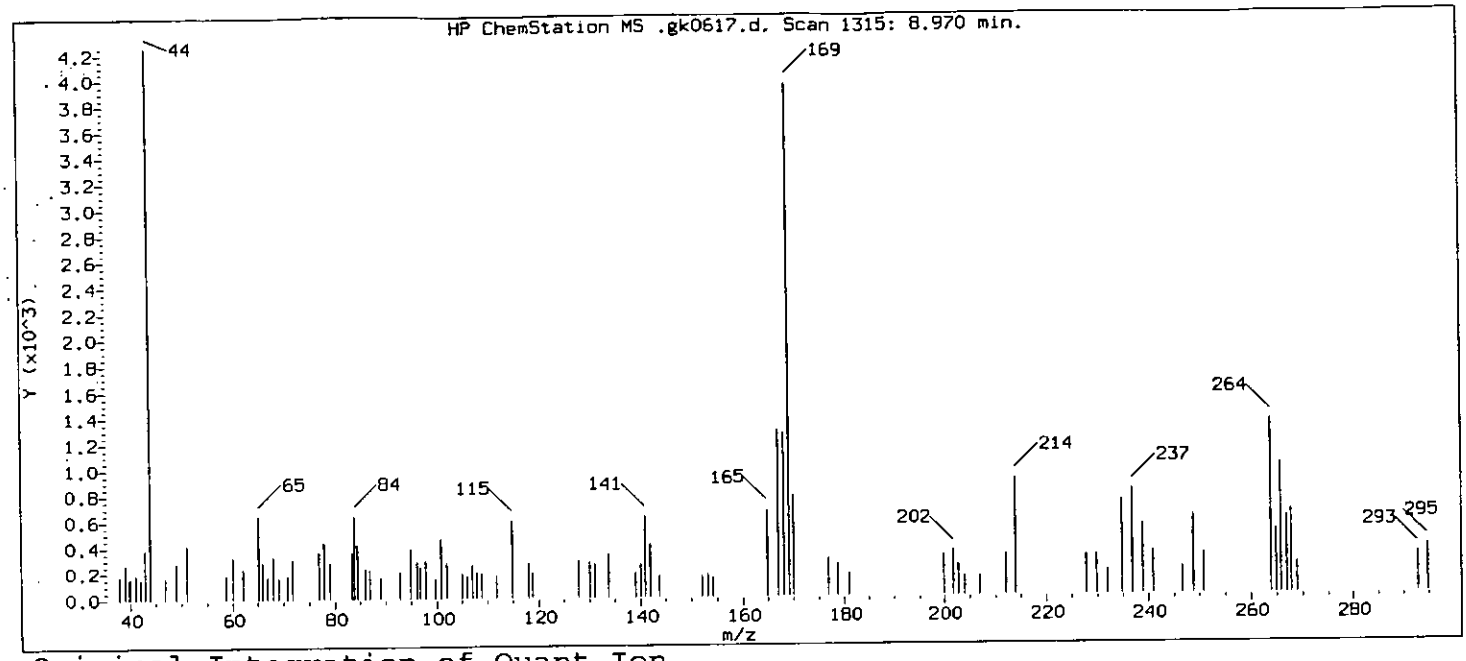
Compound Number	: 125
Compound Name	: Diallate (peak 2)
Scan Number	: 1276
Retention Time (minutes)	: 8.762
Quant Ion	: 86
Area (flag)	: 2142 M
Concentration (ng/ul)	: 0.2949
Integration start scan	: 1270 Integration stop scan: 1278
Y at integration start	: 0 Y at integration end: 0

Reason for manual integration (circle one): missed peak (improper integration)

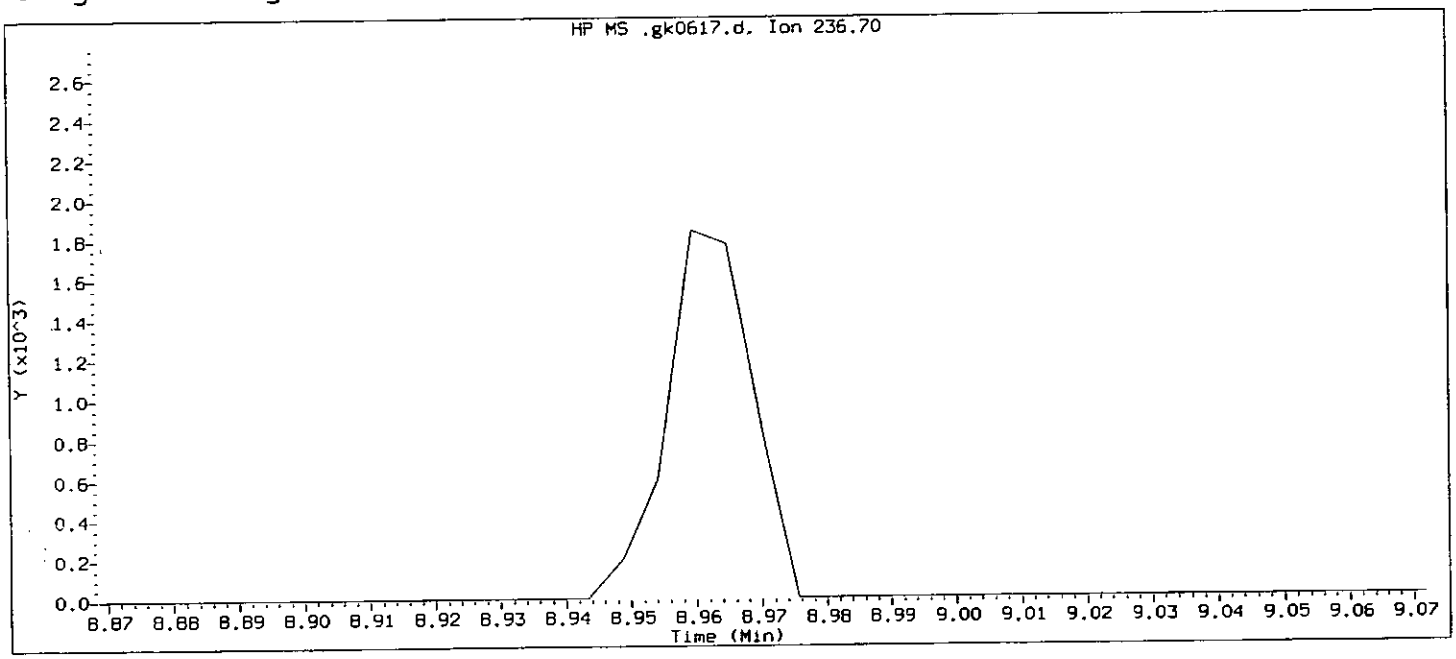
Analyst responsible for change: [signature] 11/15/07

GC/MS audit/management approval: [signature] 11/16/07 0552

Sample Spectrum



Original Integration of Quant Ion



Data File: /chem/HP11165.i/07nov15a.b/gk0617.d Instrument ID: HP11165.i
Injection date and time: 15-NOV-2007 19:23 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07nov15a.b/minti.m Sublist used: all
Calibration date and time: 15-NOV-2007 19:33
Date, time and analyst ID of latest file update: 15-Nov-2007 19:49 gjd01970

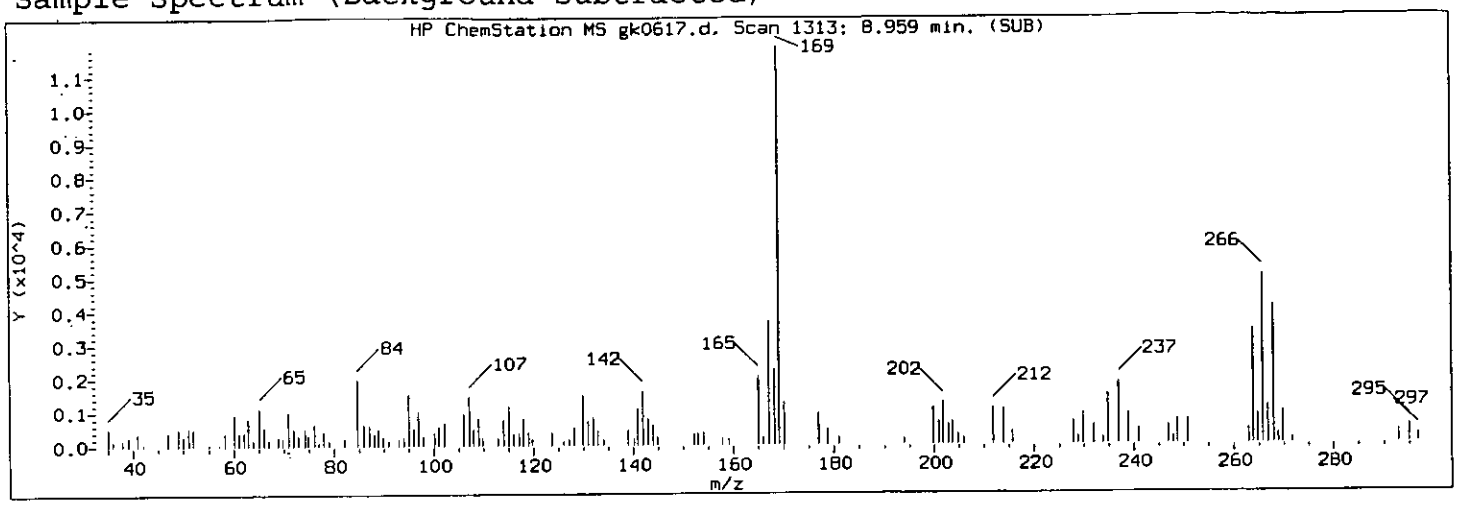
Sample Name: SSTD001 Lab Sample ID: 8270MDL3107

Compound Number : 131
Compound Name : Pentachloronitrobenzene
Expected RT (minutes) : 8.970
Quant Ion : 237

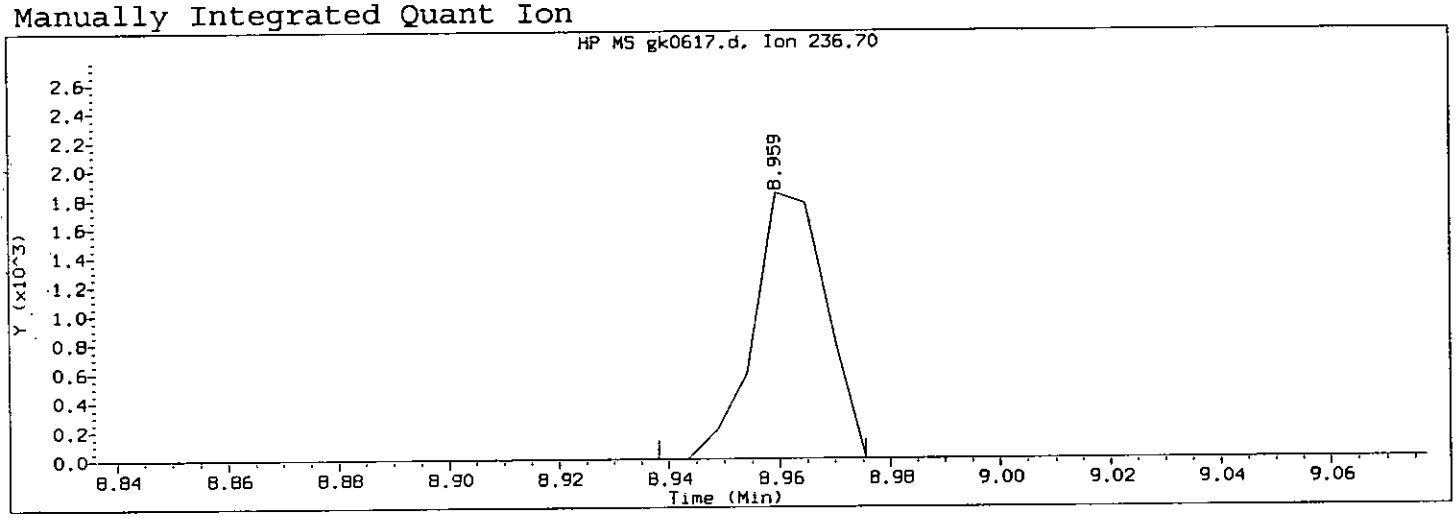
GB/471
8553
11/15/7

Original Integration Report for data file /chem/HP11165.i/07nov15a.b/gk0617.d, generated on 11/15/2007 at 20:01

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP11165.i/07nov15a.b/gk0617.d Instrument ID: HP11165.i
Injection date and time: 15-NOV-2007 19:23 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07nov15a.b/minti.m Sublist used: all1
Calibration date and time: 15-NOV-2007 19:33
Date, time and analyst ID of latest file update: 15-Nov-2007 19:58 gjd01970

Sample Name: SSTD001 Lab Sample ID: 8270MDL3107

Compound Number : 131
Compound Name : Pentachloronitrobenzene
Scan Number : 1313
Retention Time (minutes): 8.959
Quant Ion : 237
Area (flag) : 1673 M
Concentration (ng/ul) : 1.0238
Integration start scan : 1308 Integration stop scan: 1315
Y at integration start : 0 Y at integration end: 0

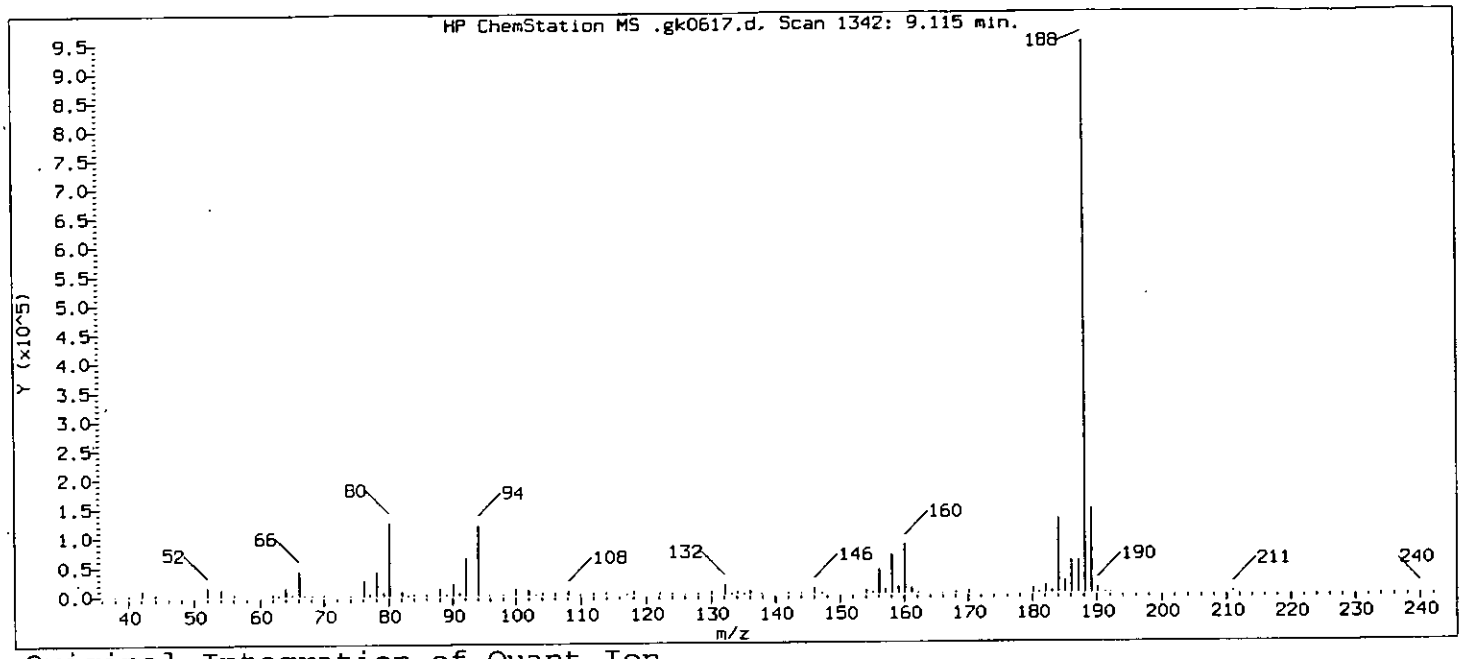
Reason for manual integration (circle one): missed peak (improper integration)

Analyst responsible for change: 1970 11/15/07

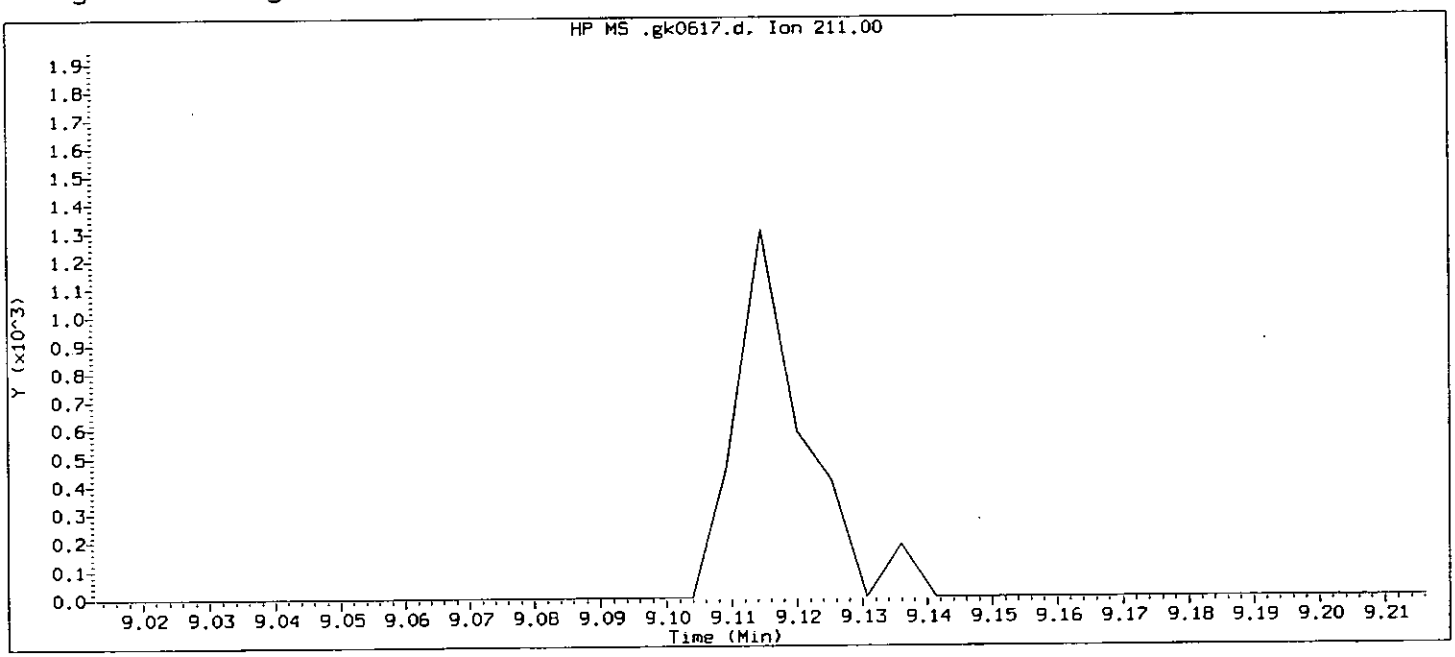
GC/MS audit/management approval: 11/16/07 0554

Manual Integration Report for data file /chem/HP11165.i/07nov15a.b/gk0617.d, generated on 11/15/2007 at 20:01

Sample Spectrum



Original Integration of Quant Ion



Data File: /chem/HP11165.i/07nov15a.b/gk0617.d Instrument ID: HP11165.i
Injection date and time: 15-NOV-2007 19:23 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07nov15a.b/minti.m Sublist used: all
Calibration date and time: 15-NOV-2007 19:33
Date, time and analyst ID of latest file update: 15-Nov-2007 19:49 gjd01970

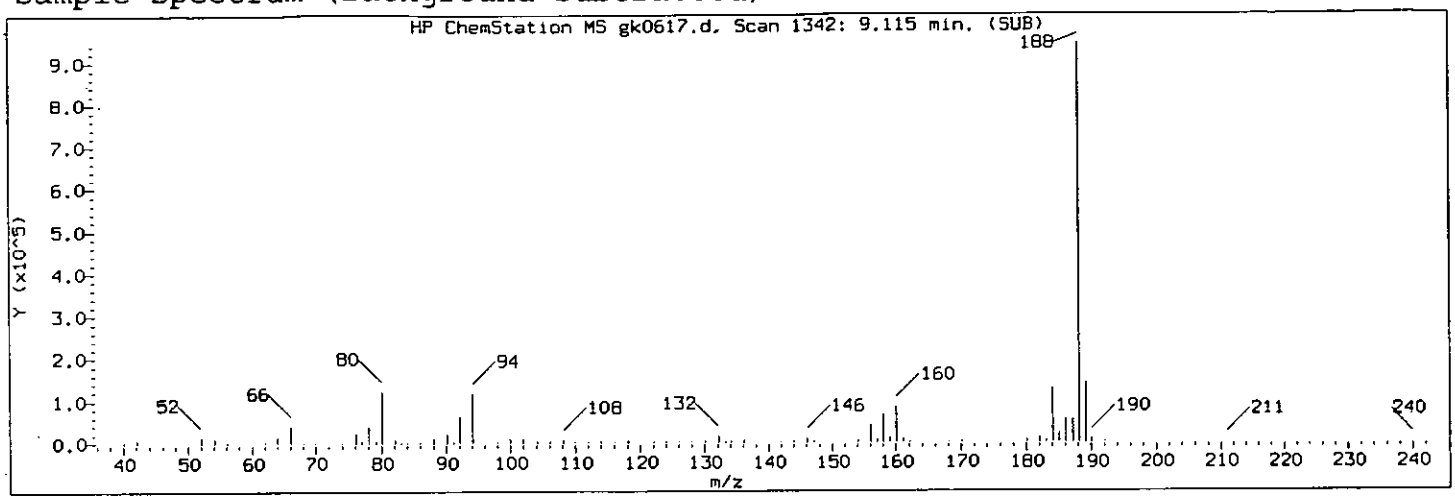
Sample Name: SSTD001 Lab Sample ID: 8270MDL3107

Compound Number : 135
Compound Name : Dinoseb
Expected RT (minutes) : 9.115
Quant Ion : 211

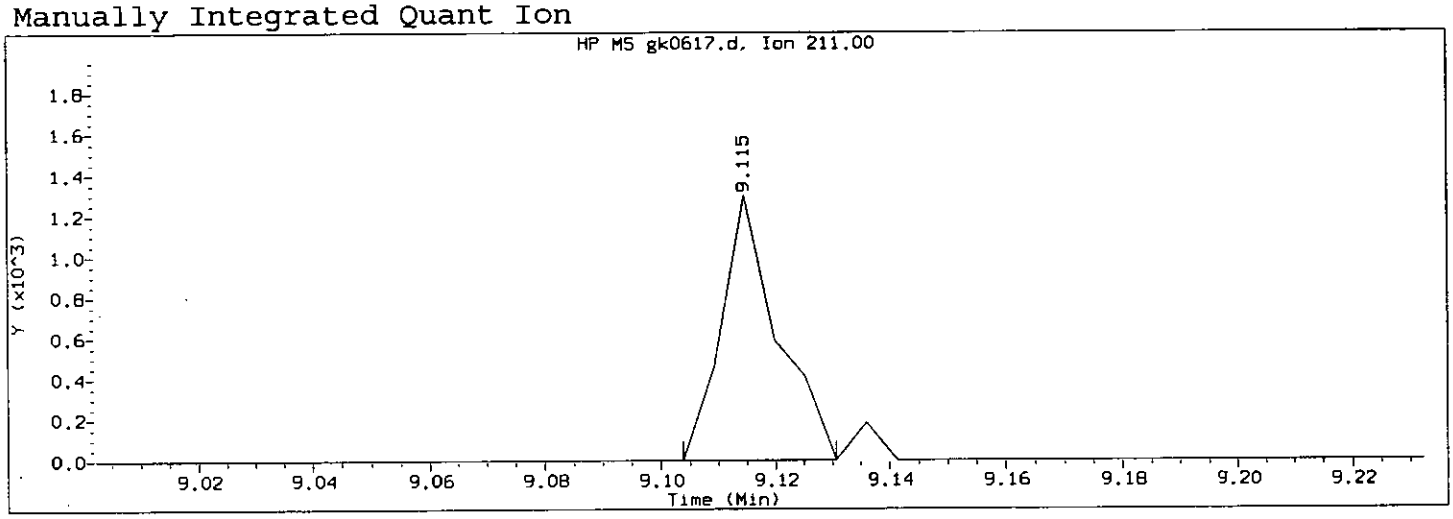
GJ/11/15/07
0555

Original Integration Report for data file /chem/HP11165.i/07nov15a.b/gk0617.d, generated on 11/15/2007 at 20:01

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP11165.i/07nov15a.b/gk0617.d Instrument ID: HP11165.i
Injection date and time: 15-NOV-2007 19:23 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07nov15a.b/minti.m Sublist used: all1
Calibration date and time: 15-NOV-2007 19:33
Date, time and analyst ID of latest file update: 15-Nov-2007 19:58 gjd01970

Sample Name: SSTD001 Lab Sample ID: 8270MDL3107

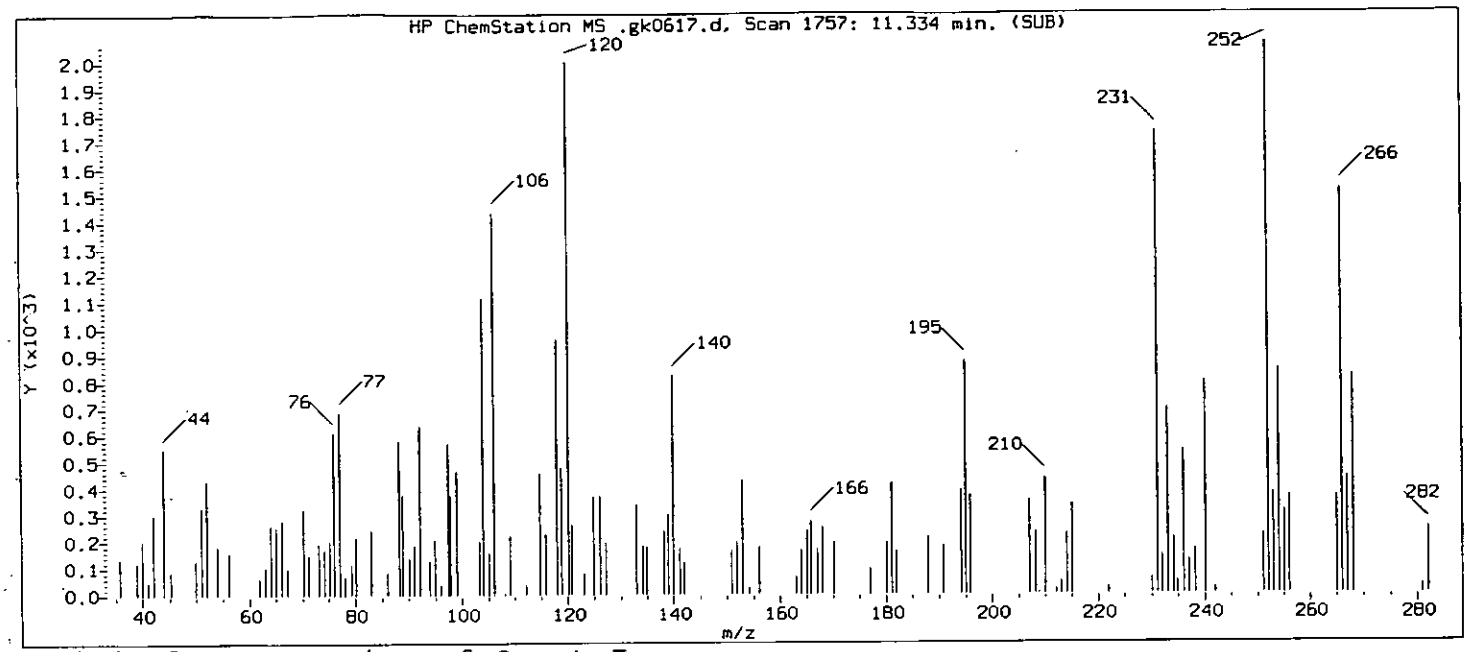
Compound Number	: 135
Compound Name	: Dinoseb
Scan Number	: 1342
Retention Time (minutes)	: 9.115
Quant Ion	: 211
Area (flag)	: 886 M
Concentration (ng/ul)	: 6.6645
Integration start scan	: 1339 Integration stop scan: 1344
Y at integration start	: 0 Y at integration end: 0

Reason for manual integration (circle one): missed peak improper integration

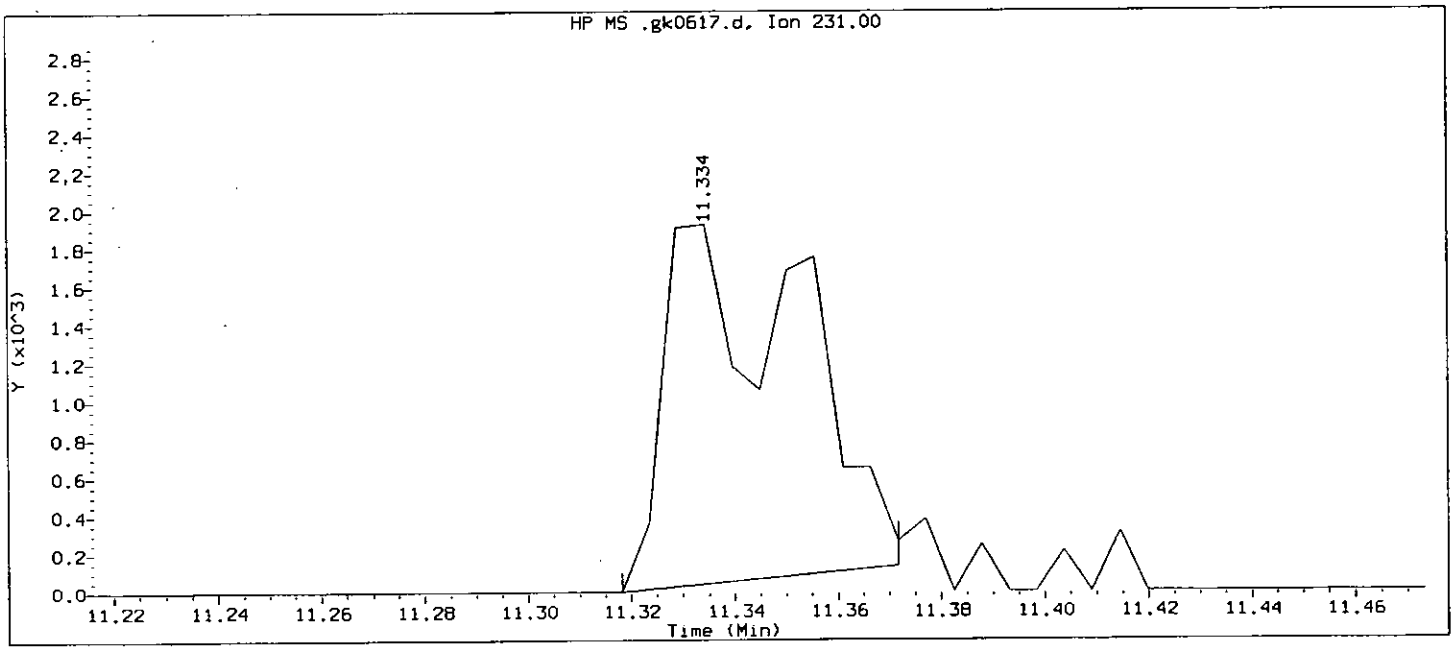
Analyst responsible for change: [signature] 1976 11/15/07

GC/MS audit/management approval: [signature] 11/16/07 0556

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP11165.i/07nov15a.b/gk0617.d Instrument ID: HP11165.i
Injection date and time: 15-NOV-2007 19:23 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07nov15a.b/minti.m Sublist used: all1
Calibration date and time: 15-NOV-2007 19:33
Date, time and analyst ID of latest file update: 15-Nov-2007 19:49 gjd01970

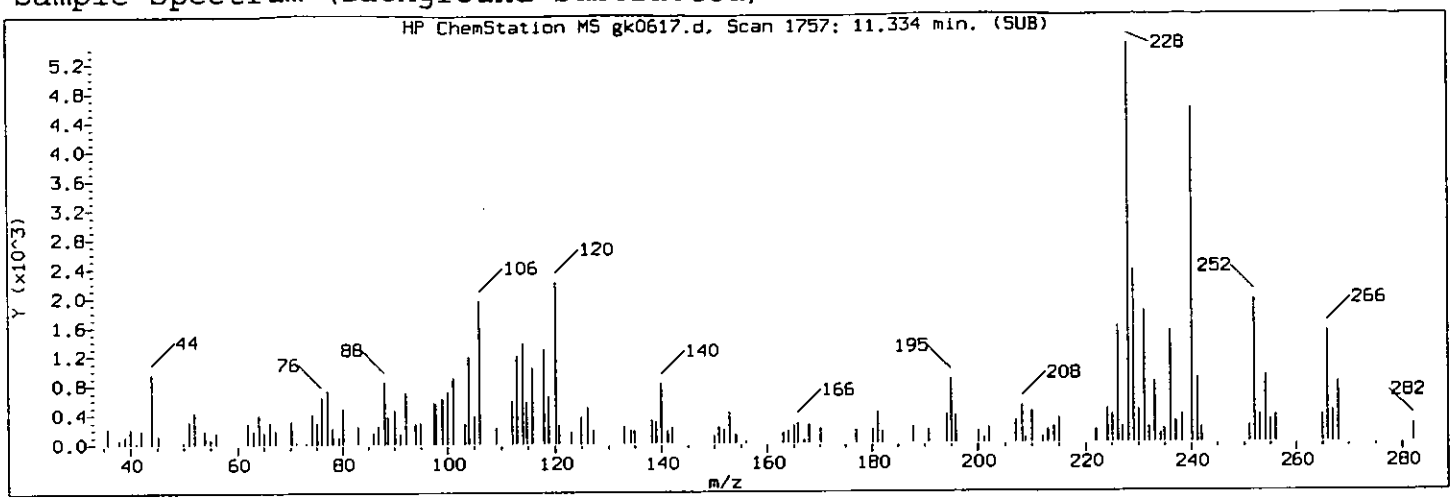
Sample Name: SSTD001 Lab Sample ID: 8270MDL3107

Compound Number	:	164
Compound Name	:	4,4'-Methylenebis(2-Chloroanil
Scan Number	:	1757
Retention Time (minutes)	:	11.334
Quant Ion	:	231
Area	:	3413
Concentration (ng/ul)	:	0.9116
Integration start scan	:	1753 Integration stop scan: 1763
Y at integration start	:	0 Y at integration end: 132

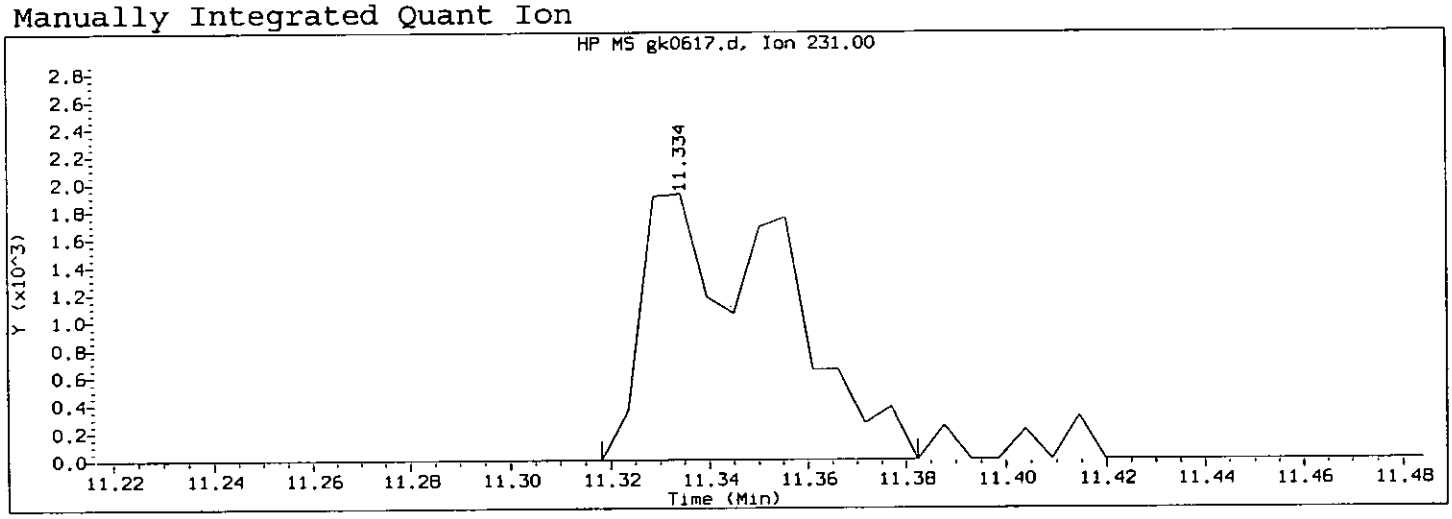
GJD 11/15/07
8557

Original Integration Report for data file /chem/HP11165.i/07nov15a.b/gk0617.d, generated on 11/15/2007 at 20:01

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP11165.i/07nov15a.b/gk0617.d Instrument ID: HP11165.i
Injection date and time: 15-NOV-2007 19:23 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07nov15a.b/minti.m Sublist used: all1
Calibration date and time: 15-NOV-2007 19:33
Date, time and analyst ID of latest file update: 15-Nov-2007 19:58 gjd01970

Sample Name: SSTD001 Lab Sample ID: 8270MDL3107

Compound Number	:	164
Compound Name	:	4,4'-Methylenebis(2-Chloroanil
Scan Number	:	1757
Retention Time (minutes)	:	11.334
Quant Ion	:	231
Area (flag)	:	3789 M
Concentration (ng/ul)	:	1.0121
Integration start scan	:	1753 Integration stop scan: 1765
Y at integration start	:	0 Y at integration end: 0

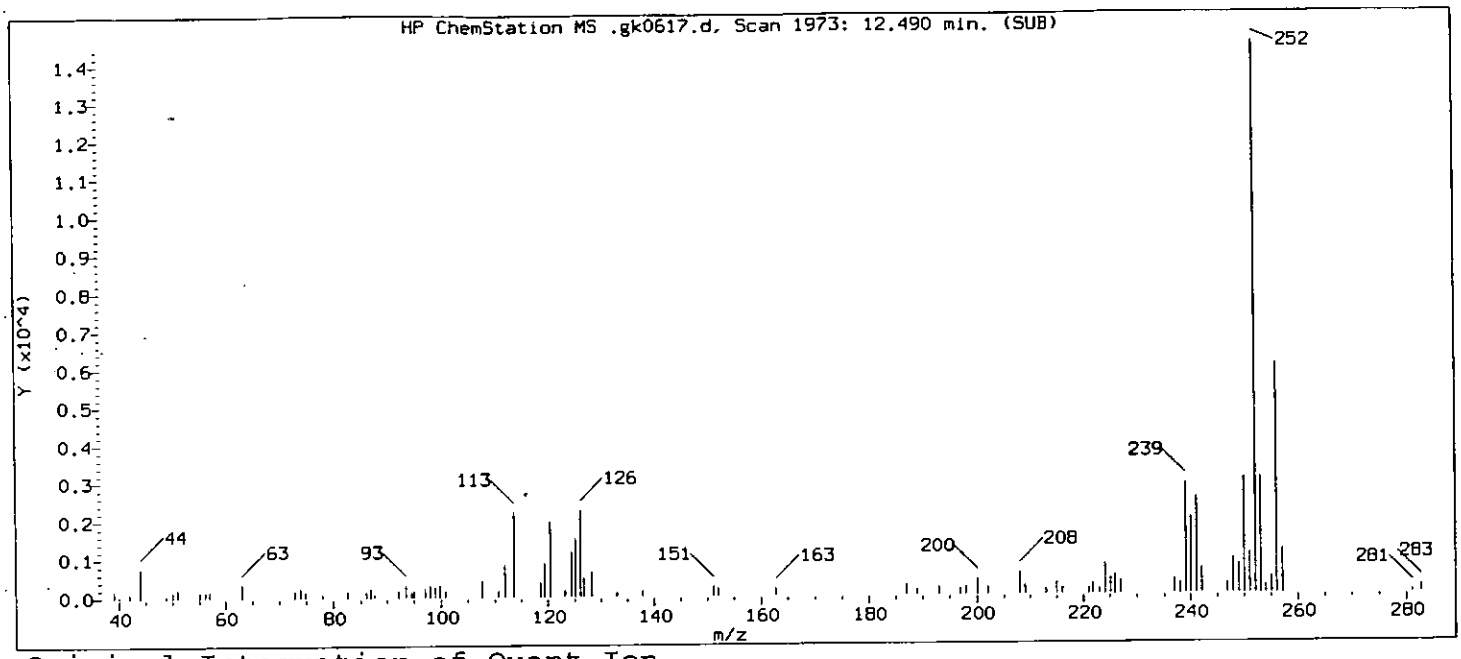
Reason for manual integration (circle one): missed peak (improper integration)

Analyst responsible for change: 1470 111507

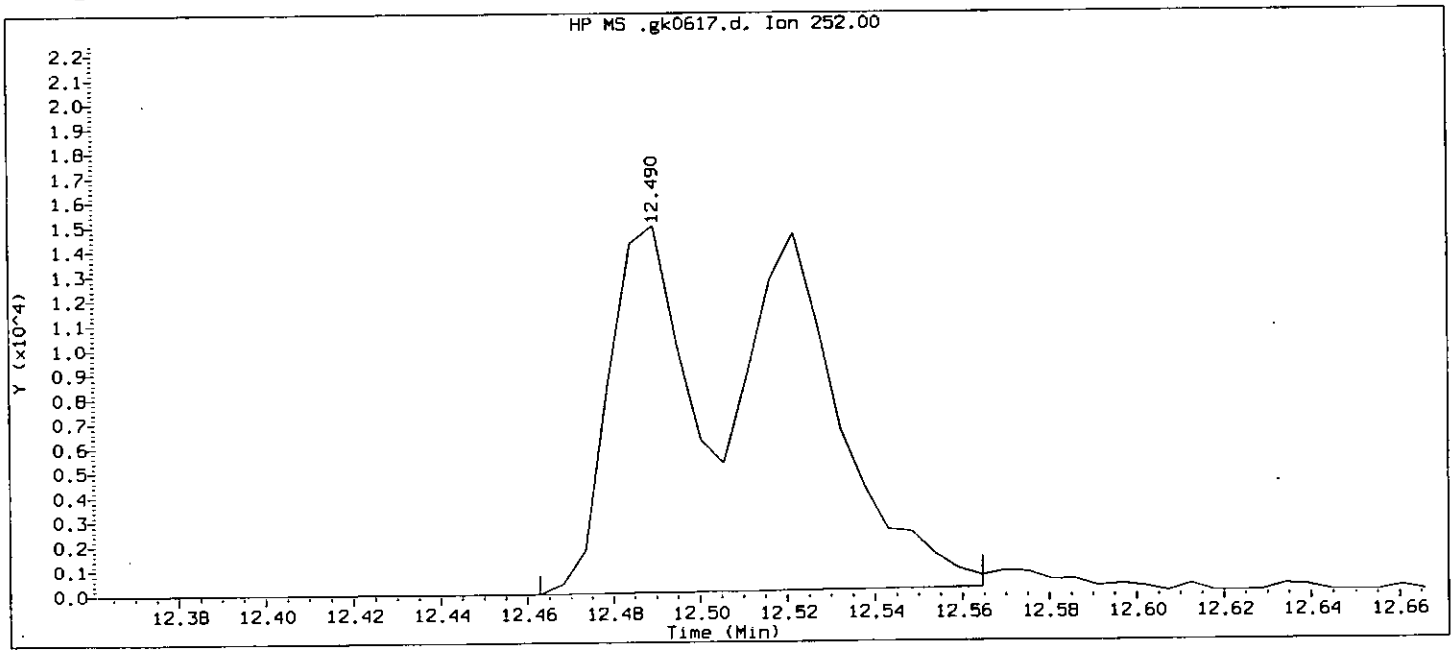
GC/MS audit/management approval: 1470705 11/16/07

Manual Integration Report for data file /chem/HP11165.i/07nov15a.b/gk0617.d, generated on 11/15/2007 at 20:01

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP11165.i/07nov15a.b/gk0617.d Instrument ID: HP11165.i
Injection date and time: 15-NOV-2007 19:23 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07nov15a.b/minti.m Sublist used: all
Calibration date and time: 15-NOV-2007 19:33
Date, time and analyst ID of latest file update: 15-Nov-2007 19:49 gjd01970

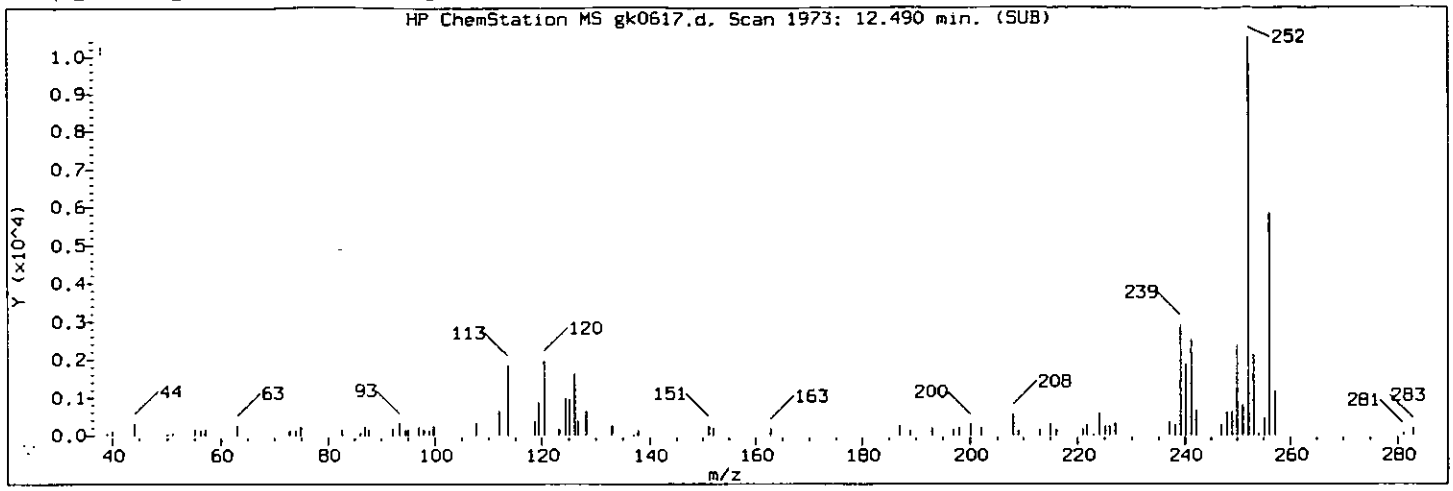
Sample Name: SSTD001 Lab Sample ID: 8270MDL3107

Compound Number	:	171
Compound Name	:	Benzo(b)fluoranthene
Scan Number	:	1973
Retention Time (minutes)	:	12.490
Quant Ion	:	252
Area	:	40337
Concentration (ng/ul)	:	1.9780
Integration start scan	:	1967 Integration stop scan: 1986
Y at integration start	:	0 Y at integration end: 191

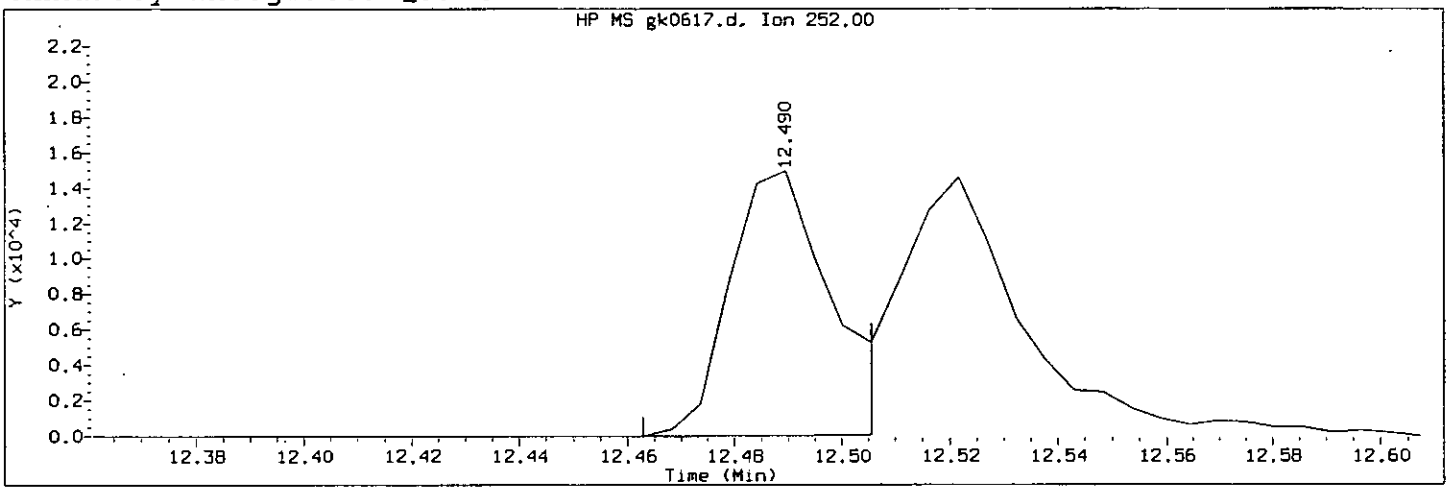
GJ 11/15/07
0559

Original Integration Report for data file /chem/HP11165.i/07nov15a.b/gk0617.d, generated on 11/15/2007 at 20:01

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP11165.i/07nov15a.b/gk0617.d Instrument ID: HP11165.i
Injection date and time: 15-NOV-2007 19:23 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07nov15a.b/minti.m Sublist used: all
Calibration date and time: 15-NOV-2007 19:33
Date, time and analyst ID of latest file update: 15-Nov-2007 19:58 gjd01970

Sample Name: SSTD001 Lab Sample ID: 8270MDL3107

Compound Number : 171
Compound Name : Benzo(b)fluoranthene
Scan Number : 1973
Retention Time (minutes): 12.490
Quant Ion : 252
Area (flag) : 19641 M
Concentration (ng/ul) : 0.9632
Integration start scan : 1967 Integration stop scan: 1975
Y at integration start : 0 Y at integration end: 80

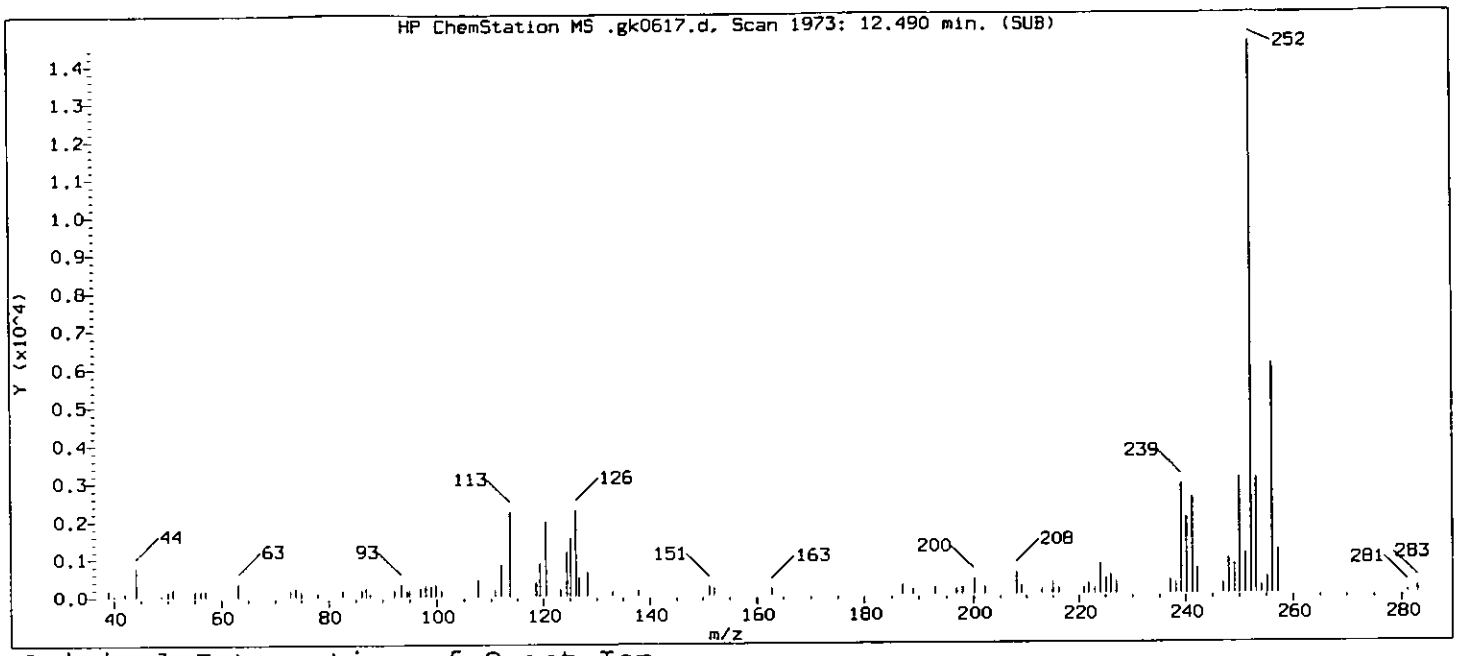
Reason for manual integration (circle one): missed peak (improper integration)

Analyst responsible for change: 1970 11/15/07

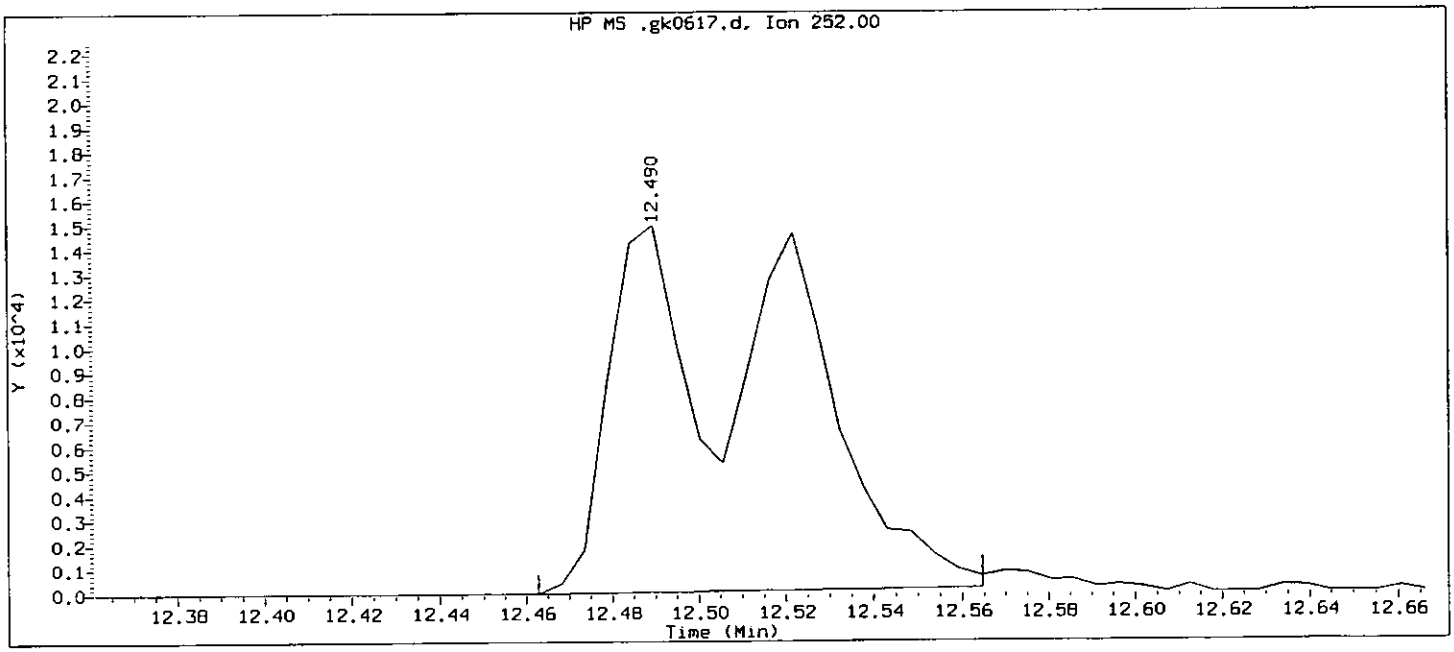
GC/MS audit/management approval: 1705 11/16/07

Manual Integration Report for data file /chem/HP11165.i/07nov15a.b/gk0617.d, generated on 11/15/2007 at 20:01

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP11165.i/07nov15a.b/gk0617.d Instrument ID: HP11165.i
Injection date and time: 15-NOV-2007 19:23 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07nov15a.b/minti.m Sublist used: all
Calibration date and time: 15-NOV-2007 19:33
Date, time and analyst ID of latest file update: 15-Nov-2007 19:49 gjd01970

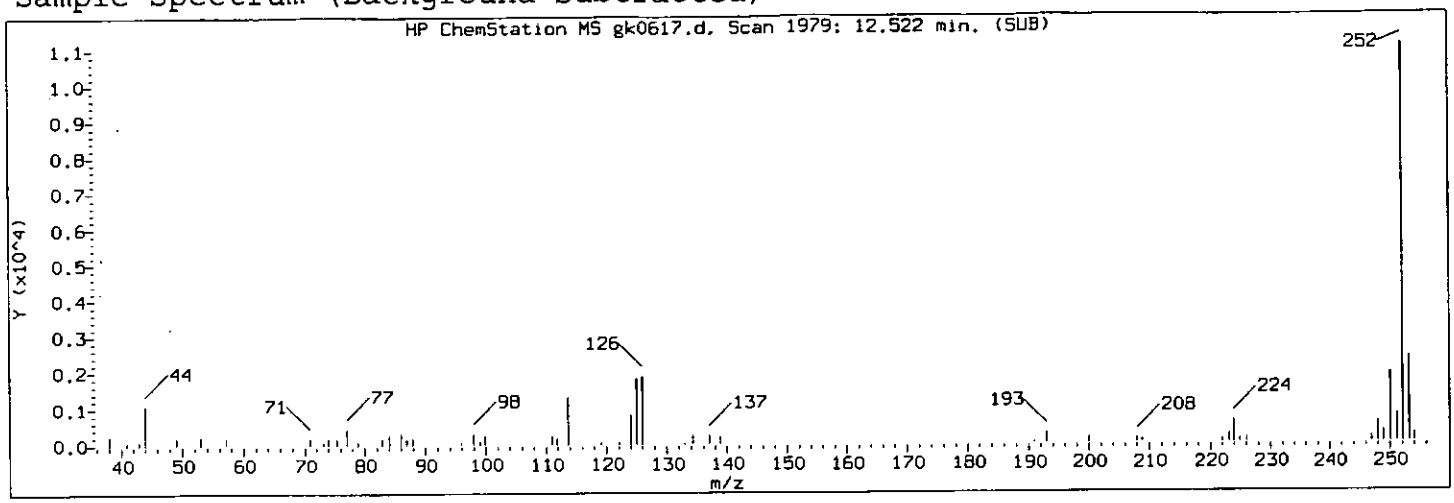
Sample Name: SSTD001 Lab Sample ID: 8270MDL3107

Compound Number	:	172
Compound Name	:	Benzo(k)fluoranthene
Scan Number	:	1973
Retention Time (minutes)	:	12.490
Quant Ion	:	252
Area	:	40337
Concentration (ng/ul)	:	1.8795
Integration start scan	:	1967 Integration stop scan: 1986
Y at integration start	:	0 Y at integration end: 191

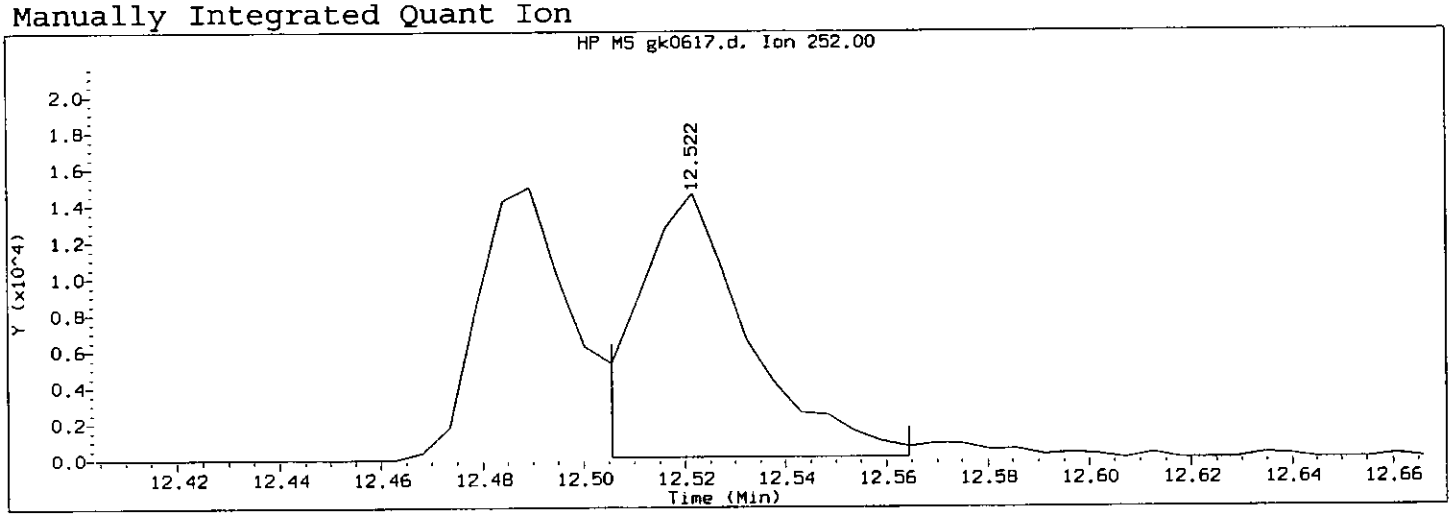
0561 GBA7/ 11/15/07

Original Integration Report for data file /chem/HP11165.i/07nov15a.b/gk0617.d, generated on 11/15/2007 at 20:01

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP11165.i/07nov15a.b/gk0617.d Instrument ID: HP11165.i
Injection date and time: 15-NOV-2007 19:23 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07nov15a.b/minti.m Sublist used: all1
Calibration date and time: 15-NOV-2007 19:33
Date, time and analyst ID of latest file update: 15-Nov-2007 19:58 gjd01970

Sample Name: SSTD001 Lab Sample ID: 8270MDL3107

Compound Number	:	172
Compound Name	:	Benzo(k)fluoranthene
Scan Number	:	1979
Retention Time (minutes)	:	12.522
Quant Ion	:	252
Area (flag)	:	22620 M
Concentration (ng/ul)	:	1.0540
Integration start scan	:	1975 Integration stop scan: 1986
Y at integration start	:	89 Y at integration end: 89

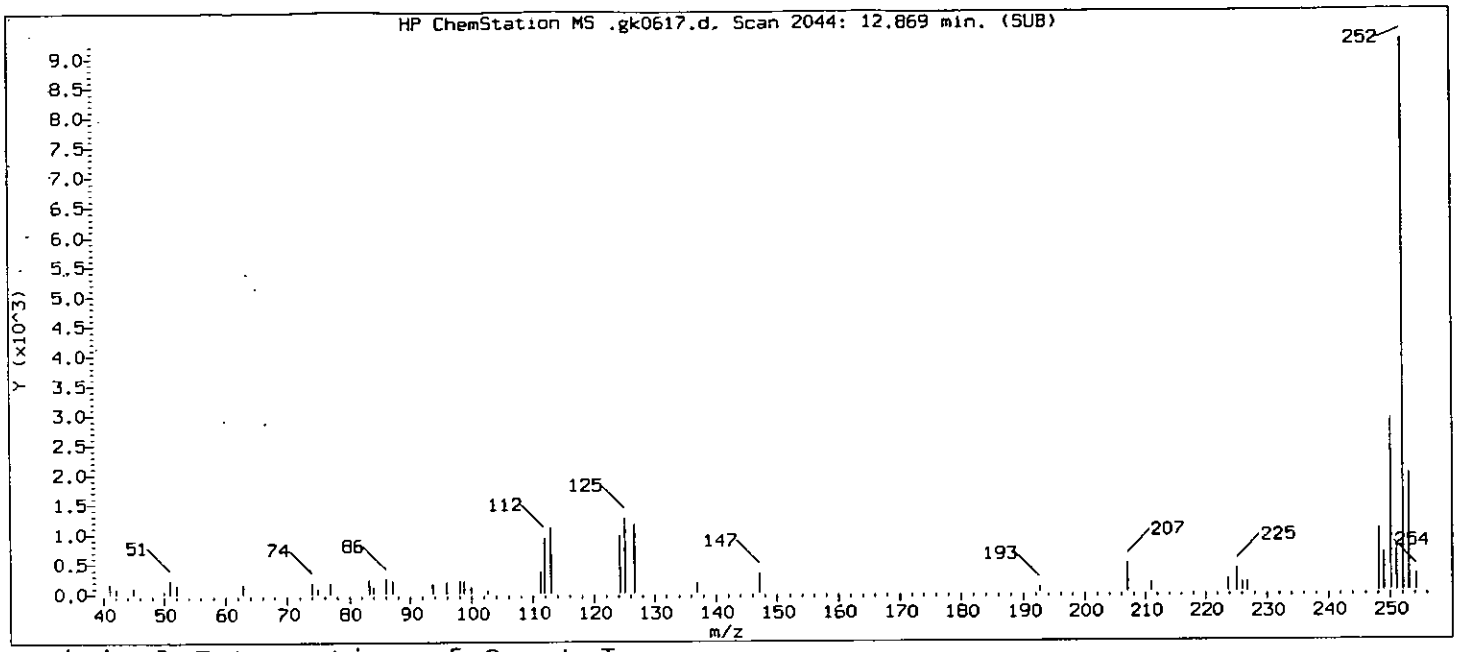
Reason for manual integration (circle one): missed peak (improper integration)

Analyst responsible for change: 1976 11/15/07

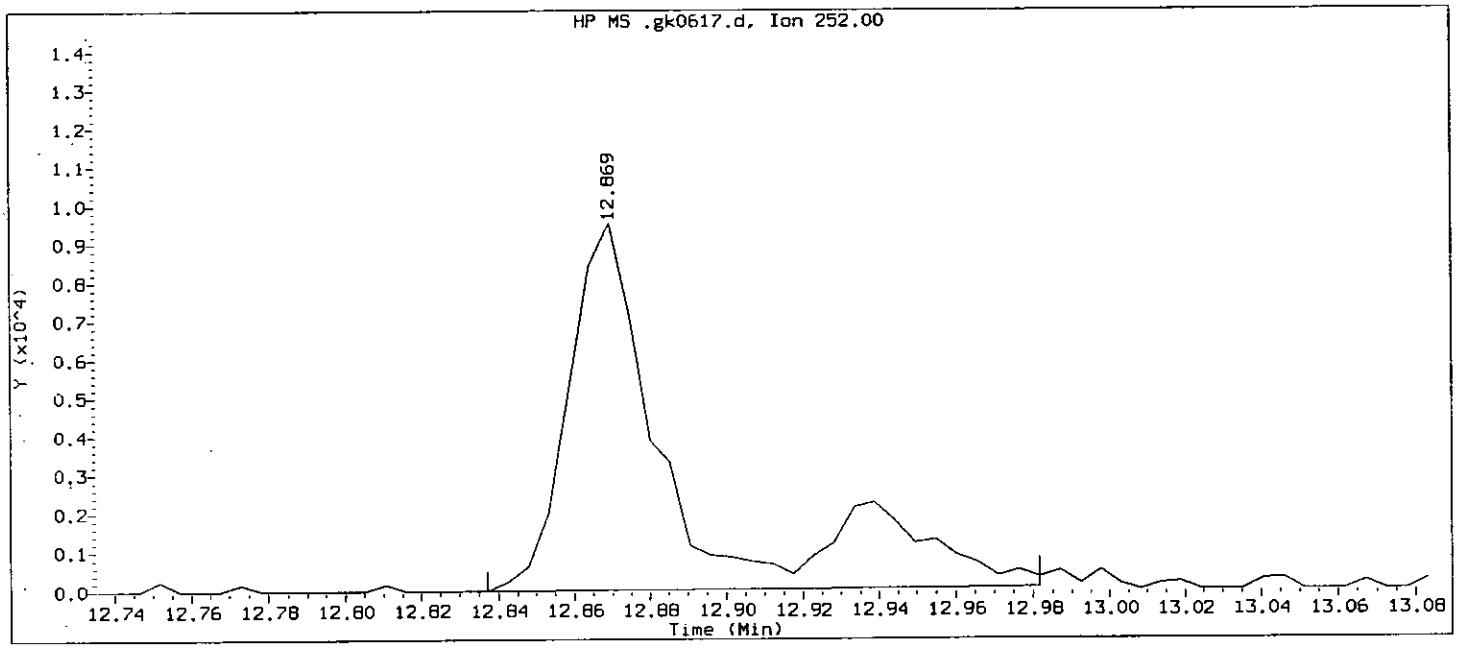
GC/MS audit/management approval: 8562 11/16/07

Manual Integration Report for data file /chem/HP11165.i/07nov15a.b/gk0617.d, generated on 11/15/2007 at 20:01

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP11165.i/07nov15a.b/gk0617.d Instrument ID: HP11165.i
Injection date and time: 15-NOV-2007 19:23 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07nov15a.b/minti.m Sublist used: all1
Calibration date and time: 15-NOV-2007 19:33
Date, time and analyst ID of latest file update: 15-Nov-2007 19:49 gjd01970

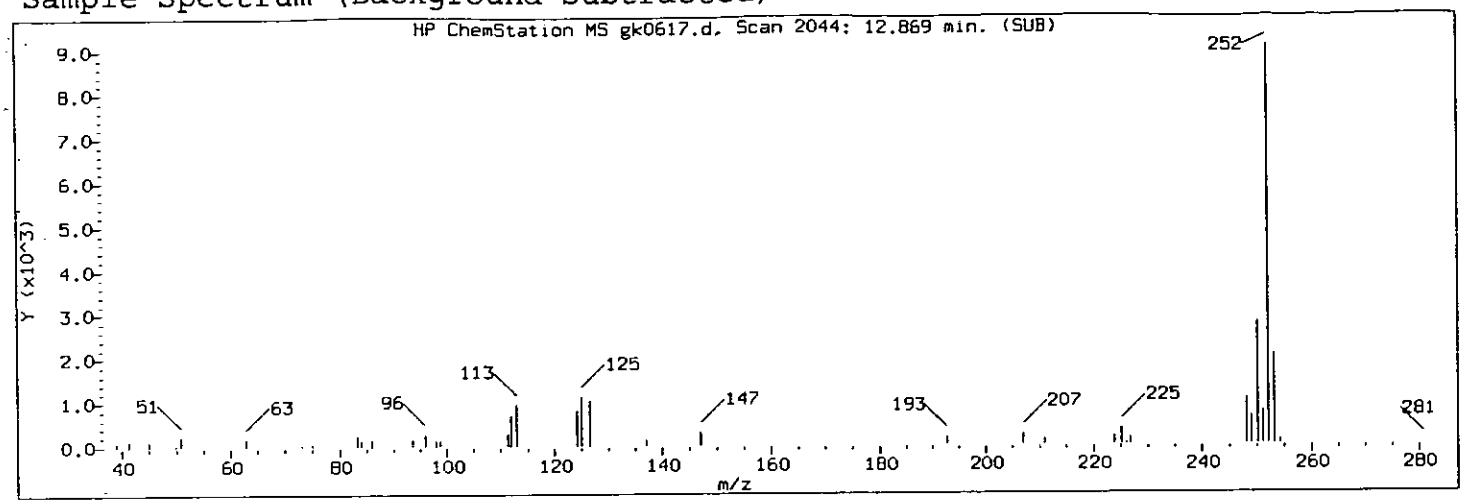
Sample Name: SSTD001 Lab Sample ID: 8270MDL3107

Compound Number	:	173
Compound Name	:	Benzo(a)pyrene
Scan Number	:	2044
Retention Time (minutes)	:	12.869
Quant Ion	:	252
Area	:	18458
Concentration (ng/ul)	:	1.0195
Integration start scan	:	2037 Integration stop scan: 2064
Y at integration start	:	0 Y at integration end: 73

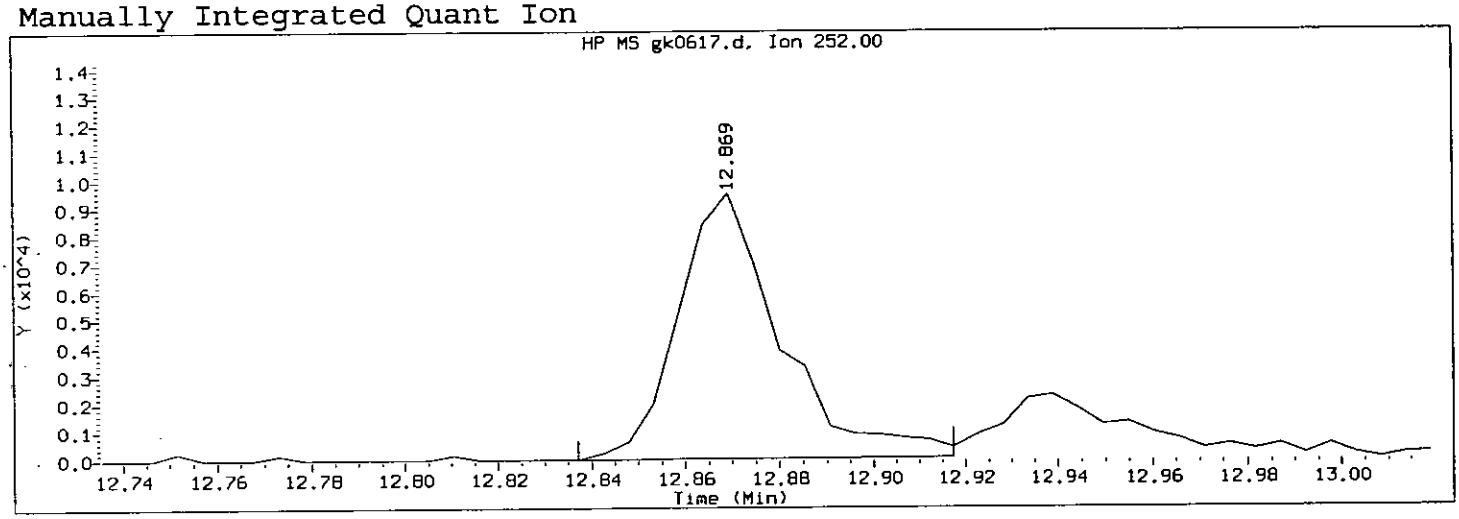
GB/97e
8563
11/15/07

Original Integration Report for data file /chem/HP11165.i/07nov15a.b/gk0617.d, generated on 11/15/2007 at 20:01

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP11165.i/07nov15a.b/gk0617.d Instrument ID: HP11165.i
Injection date and time: 15-NOV-2007 19:23 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07nov15a.b/minti.m Sublist used: all1
Calibration date and time: 15-NOV-2007 19:33
Date, time and analyst ID of latest file update: 15-Nov-2007 19:58 gjd01970

Sample Name: SSTD001 Lab Sample ID: 8270MDL3107

Compound Number	: 173
Compound Name	: Benzo(a)pyrene
Scan Number	: 2044
Retention Time (minutes)	: 12.869
Quant Ion	: 252
Area (flag)	: 14345 M
Concentration (ng/ul)	: 0.7923
Integration start scan	: 2037 Integration stop scan: 2052
Y at integration start	: 0 Y at integration end: 40

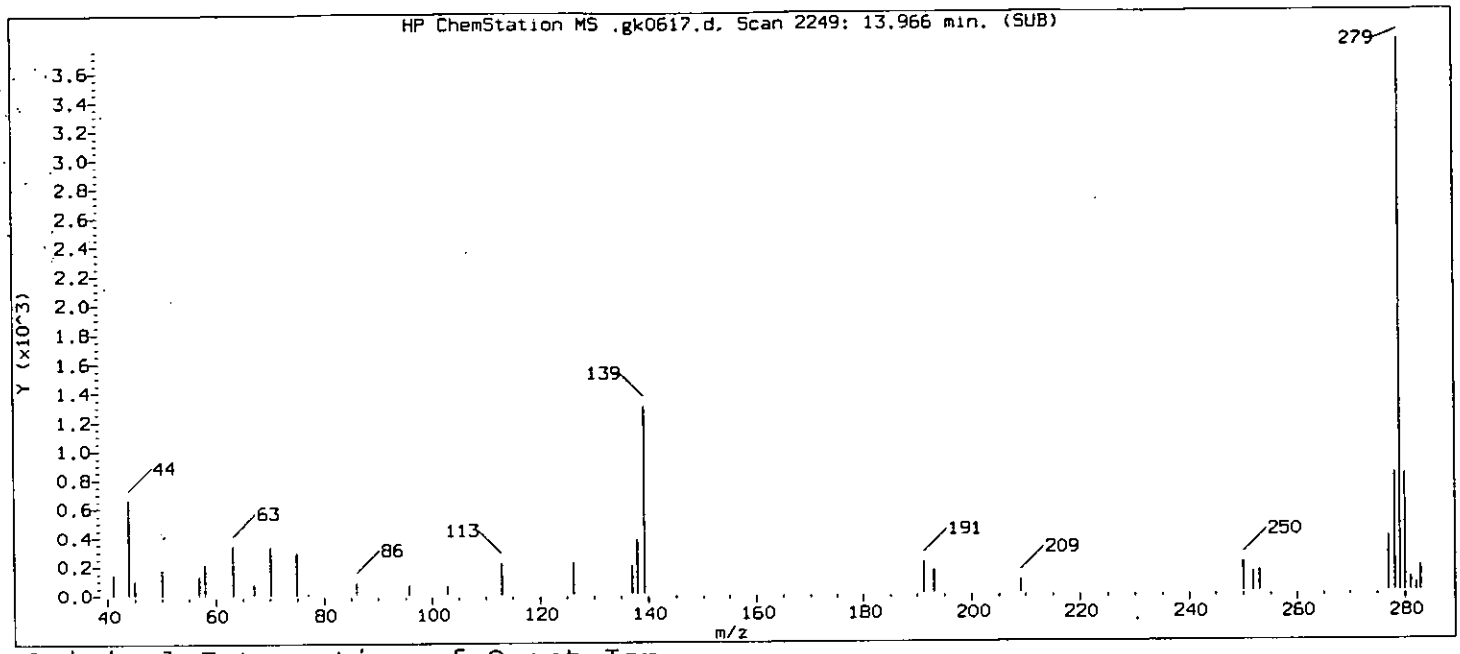
Reason for manual integration (circle one): missed peak (improper integration)

Analyst responsible for change: [signature] 1476 11/15/07

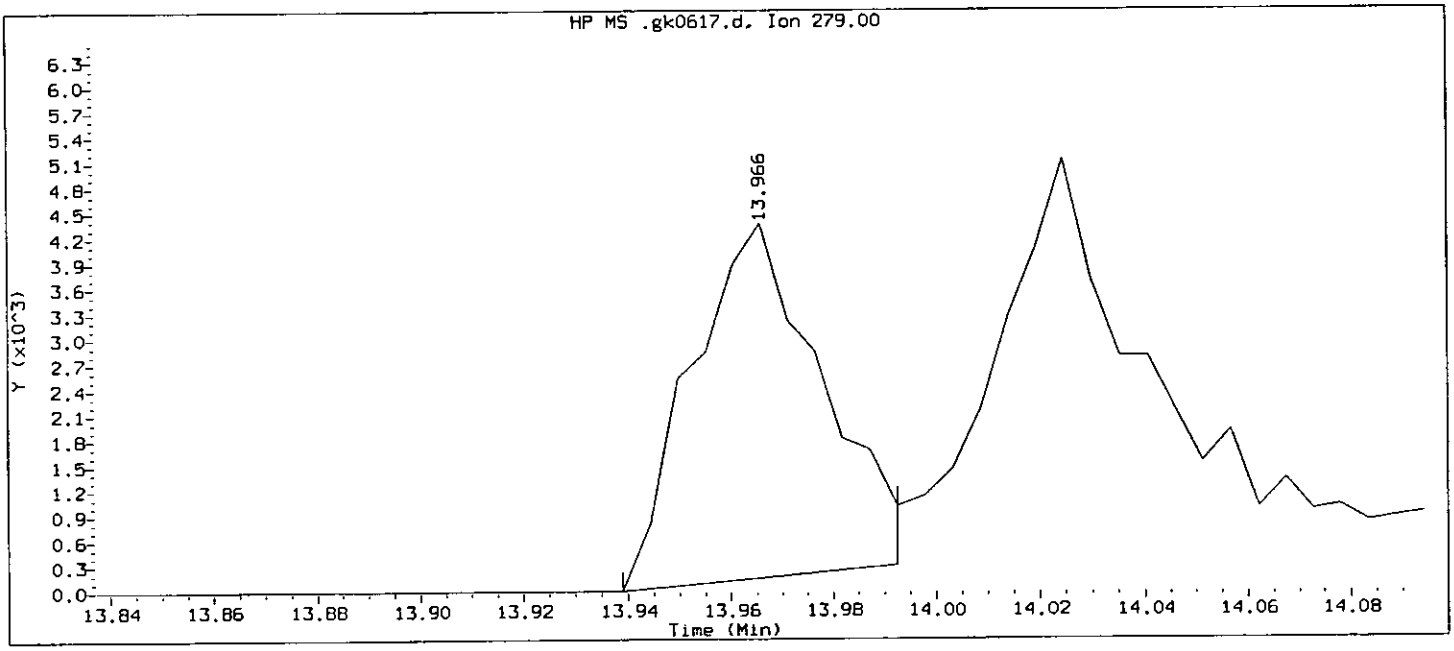
GC/MS audit/management approval: [signature] 11/16/07

Manual Integration Report for data file /chem/HP11165.i/07nov15a.b/gk0617.d, generated on 11/15/2007 at 20:01

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP11165.i/07nov15a.b/gk0617.d Instrument ID: HP11165.i
Injection date and time: 15-NOV-2007 19:23 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07nov15a.b/minti.m Sublist used: all
Calibration date and time: 15-NOV-2007 19:33
Date, time and analyst ID of latest file update: 15-Nov-2007 19:49 gjd01970

Sample Name: SSTD001 Lab Sample ID: 8270MDL3107

Compound Number	: 189
Compound Name	: Dibenz(a,h)acridine
Scan Number	: 2249
Retention Time (minutes)	: 13.966
Quant Ion	: 279
Area	: 7372
Concentration (ng/ul)	: 5.6830
Integration start scan	: 2243 Integration stop scan: 2253
Y at integration start	: 0 Y at integration end: 302

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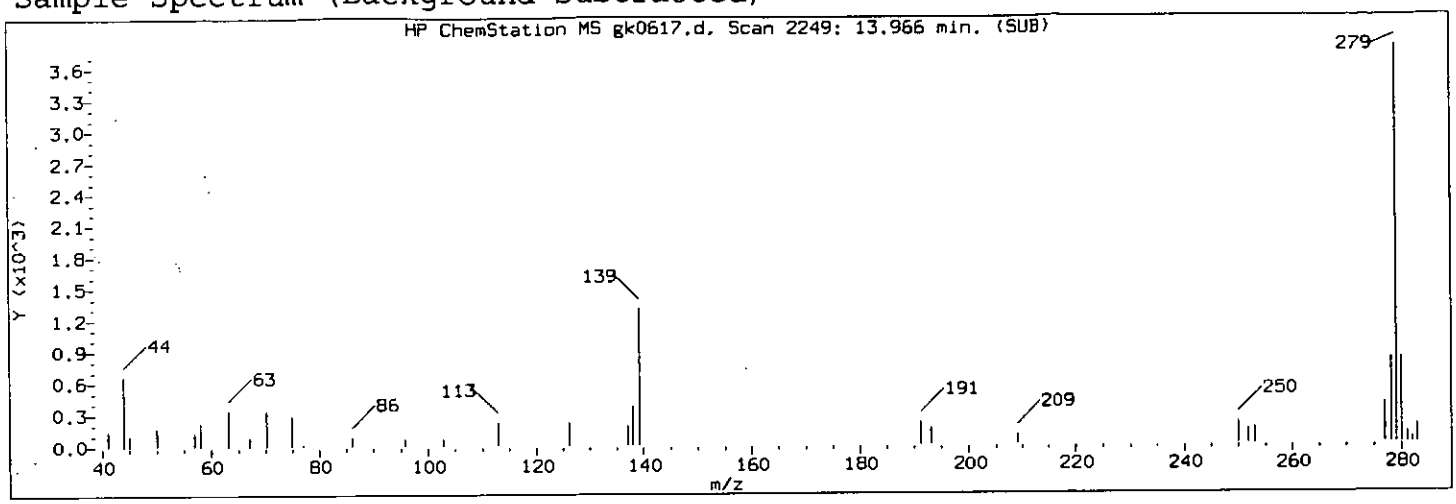
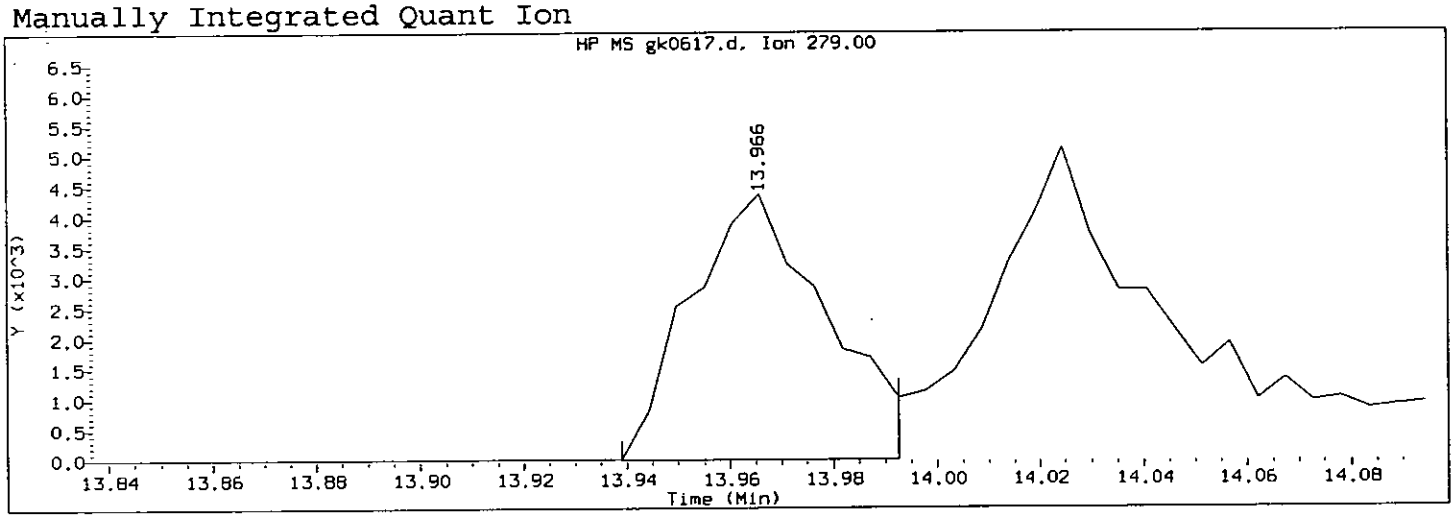
0565

Original Integration Report for data file /chem/HP11165.i/07nov15a.b/gk0617.d, generated on 11/15/2007 at 20:01

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP11165.i/07nov15a.b/gk0617.d Instrument ID: HP11165.i
Injection date and time: 15-NOV-2007 19:23 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07nov15a.b/minti.m Sublist used: all1
Calibration date and time: 15-NOV-2007 19:33
Date, time and analyst ID of latest file update: 15-Nov-2007 19:58 gjd01970

Sample Name: SSTD001 Lab Sample ID: 8270MDL3107

Compound Number	:	189
Compound Name	:	Dibenz(a,h)acridine
Scan Number	:	2249
Retention Time (minutes)	:	13.966
Quant Ion	:	279
Area (flag)	:	8043 M
Concentration (ng/ul)	:	5.7218
Integration start scan	:	2243 Integration stop scan: 2253
Y at integration start	:	-7 Y at integration end: -7

Reason for manual integration (circle one): missed peak (improper integration)

Analyst responsible for change: [signature] 1471 11/15/07

GC/MS audit/management approval: [signature] 11/16/07

Lancaster Laboratories, Inc.
Semi Volatile Initial Calibration Verification

LAB NAME: LANCASTER LABS LAB CODE: LANCAS INSTRUMENT: HP11165

Method: SW-846 8270C File ID: gk0618.d

ICV SAMPLE ID: ICV3107 BATCH: 07NOV15A026 Sample Name: SSTD050

COMPOUND NAME	TRUE CONC.	ACTUAL CONC.	% DRIFT	%D window	INSPEC
1,4-Dioxane	50.00	51.30	3	20	YES
N-Nitrosodimethylamine	50.00	52.16	4	20	YES
Pyridine	50.00	47.63	-5	20	YES
2-Picoline	50.00	48.87	-2	20	YES
N-Nitrosomethylethylamine	50.00	48.01	-4	20	YES
Methyl methanesulfonate	50.00	36.29	-27	20	NO
2-Fluorophenol	50.00	45.76	-8	20	YES
N-Nitrosodiethylamine	50.00	49.72	-1	20	YES
Ethyl methanesulfonate	50.00	50.10	0	20	YES
Aniline	50.00	47.58	-5	20	YES
Phenol-d5	50.00	46.29	-7	20	YES
Phenol-d6	50.00	46.29	-7	20	YES
Phenol	50.00	49.06	-2	20	YES
Pentachloroethane	50.00	50.77	2	20	YES
bis(2-Chloroethyl)ether	50.00	48.66	-3	20	YES
2-Chlorophenol	50.00	48.93	-2	20	YES
1,3-Dichlorobenzene	50.00	49.13	-2	20	YES
1,4-Dichlorobenzene	50.00	50.88	2	20	YES
Benzyl alcohol	50.00	49.42	-1	20	YES
1,2-Dichlorobenzene	50.00	49.09	-2	20	YES
2-Methylphenol	50.00	48.43	-3	20	YES
2,2'-oxybis(1-Chloropropane	50.00	43.54	-13	20	YES
bis(2-Chloroisopropyl)ether	50.00	43.54	-13	20	YES
N-Nitrosopyrrolidine	50.00	50.16	0	20	YES
Acetophenone	50.00	50.15	0	20	YES
N-Nitroso-di-n-propylamine	50.00	49.21	-2	20	YES
N-Nitrosomorpholine	50.00	51.30	3	20	YES
4-Methylphenol	50.00	50.63	1	20	YES
o-Toluidine	50.00	48.64	-3	20	YES
Hexachloroethane	50.00	50.40	1	20	YES
Nitrobenzene-d5	50.00	45.74	-9	20	YES
Nitrobenzene	50.00	48.25	-4	20	YES
N-Nitrosopiperidine	50.00	48.94	-2	20	YES
Isophorone	50.00	47.75	-5	20	YES
2-Nitrophenol	50.00	51.12	2	20	YES
2,4-Dimethylphenol	50.00	49.20	-2	20	YES
O,O,O-triethylphosphorothio	50.00	48.99	-2	20	YES

NC = Could not calculate

Comments: _____

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11/15/07

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11/15/07

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Lancaster Laboratories, Inc.
Semi Volatile Initial Calibration Verification

LAB NAME: LANCASTER LABS LAB CODE: LANCAS INSTRUMENT: HP11165

Method: SW-846 8270C File ID: gk0618.d

ICV SAMPLE ID: ICV3107 BATCH: 07NOV15A026 Sample Name: SSTD050

COMPOUND NAME	TRUE CONC.	ACTUAL CONC.	% DRIFT	%D window	INSPEC
bis(2-Chloroethoxy)methane	50.00	50.06	0	20	YES
Benzoic acid	50.00	51.08	2	20	YES
2,4-Dichlorophenol	50.00	47.42	-5	20	YES
1,2,4-Trichlorobenzene	50.00	48.53	-3	20	YES
Naphthalene	50.00	49.67	-1	20	YES
4-Chloroaniline	50.00	52.60	5	20	YES
2,6-Dichlorophenol	50.00	49.70	-1	20	YES
Hexachloropropene	50.00	49.93	0	20	YES
Hexachlorobutadiene	50.00	49.58	-1	20	YES
Caprolactam	50.00	49.51	-1	20	YES
N-Nitrosodi-n-butylamine	50.00	53.74	7	20	YES
4-Chloro-3-methylphenol	50.00	49.64	-1	20	YES
Safrole	50.00	50.57	1	20	YES
2-Methylnaphthalene	50.00	50.10	0	20	YES
1-Methylnaphthalene	50.00	48.06	-4	20	YES
Hexachlorocyclopentadiene	100.00	115.73	16	20	YES
1,2,4,5-Tetrachlorobenzene	50.00	51.41	3	20	YES
cis-Isosafrole	50.00	8.23	-84	20	NO
2,4,6-Trichlorophenol	50.00	49.44	-1	20	YES
2,4,5-Trichlorophenol	50.00	47.94	-4	20	YES
2-Fluorobiphenyl	50.00	46.82	-6	20	YES
trans-Isosafrole	50.00	43.21	-14	20	YES
Isosafrole	50.00	48.55	-3	20	YES
Biphenyl	50.00	50.90	2	20	YES
Diphenyl	50.00	50.90	2	20	YES
1,1'-Biphenyl	50.00	50.90	2	20	YES
2-Chloronaphthalene	50.00	42.18	-16	20	YES
1-Chloronaphthalene	50.00	.00	0	20	YES
Diphenyl ether	50.00	47.68	-5	20	YES
2-Nitroaniline	50.00	52.89	6	20	YES
1,4-Naphthoquinone	550.00	730.36	33	20	NO
1,4-Dinitrobenzene	50.00	46.42	-7	20	YES
Dimethylphthalate	50.00	49.77	0	20	YES
1,3-Dinitrobenzene	50.00	53.32	7	20	YES
2,6-Dinitrotoluene	50.00	53.89	8	20	YES
Acenaphthylene	50.00	54.03	8	20	YES
3-Nitroaniline	50.00	50.73	1	20	YES

NC = Could not calculate

Comments: _____

Lancaster Laboratories, Inc.
Semi Volatile Initial Calibration Verification

LAB NAME: LANCASTER LABS LAB CODE: LANCAS INSTRUMENT: HP11165

Method: SW-846 8270C File ID: gk0618.d

ICV SAMPLE ID: ICV3107 BATCH: 07NOV15A026 Sample Name: SSTD050

COMPOUND NAME	TRUE CONC.	ACTUAL CONC.	% DRIFT	%D window	INSPEC
Acenaphthene	50.00	50.80	2	20	YES
2,4-Dinitrophenol	50.00	45.83	-8	20	YES
Pentachlorobenzene	50.00	49.50	-1	20	YES
4-Nitrophenol	50.00	50.52	1	20	YES
Dibenzofuran	50.00	49.88	0	20	YES
2,4-Dinitrotoluene	50.00	50.86	2	20	YES
1-Naphthylamine	50.00	53.12	6	20	YES
2,3,4,6-Tetrachlorophenol	50.00	52.53	5	20	YES
2-Naphthylamine	50.00	52.90	6	20	YES
Diethylphthalate	50.00	50.50	1	20	YES
Thionazin	50.00	50.99	2	20	YES
Fluorene	50.00	50.69	1	20	YES
4-Chlorophenyl-phenylether	50.00	49.61	-1	20	YES
5-Nitro-o-toluidine	50.00	50.42	1	20	YES
4-Nitroaniline	50.00	49.42	-1	20	YES
4,6-Dinitro-2-methylphenol	50.00	45.51	-9	20	YES
1-Nitronaphthalene	50.00	50.18	0	20	YES
N-Nitrosodiphenylamine	50.00	49.00	-2	20	YES
1,2-Diphenylhydrazine	50.00	51.60	3	20	YES
2,4,6-Tribromophenol	50.00	46.09	-8	20	YES
Tetraethyldithiopyrophospha	50.00	51.25	3	20	YES
1,3,5-Trinitrobenzene	50.00	45.60	-9	20	YES
Diallate (peak 1)	50.00	37.25	-26	20	NO
Phorate	50.00	51.88	4	20	YES
Phenacetin	50.00	51.52	3	20	YES
4-Bromophenyl-phenylether	50.00	50.31	1	20	YES
Diallate (peak 2)	50.00	14.63	-71	20	NO
Hexachlorobenzene	50.00	48.50	-3	20	YES
Dimethoate	50.00	57.48	15	20	YES
Diallate TRANS/CIS	50.00	51.78	4	20	YES
Pentachlorophenol	50.00	46.57	-7	20	YES
Pentachloronitrobenzene	50.00	49.36	-1	20	YES
4-Aminobiphenyl	50.00	53.12	6	20	YES
Pronamide	50.00	51.25	2	20	YES
Dinoseb	50.00	45.28	-9	20	YES
Phenanthrene	50.00	50.74	1	20	YES
Anthracene	50.00	50.67	1	20	YES

NC = Could not calculate

Comments: _____

Lancaster Laboratories, Inc.
Semi Volatile Initial Calibration Verification

LAB NAME: LANCASTER LABS LAB CODE: LANCAS INSTRUMENT: HP11165

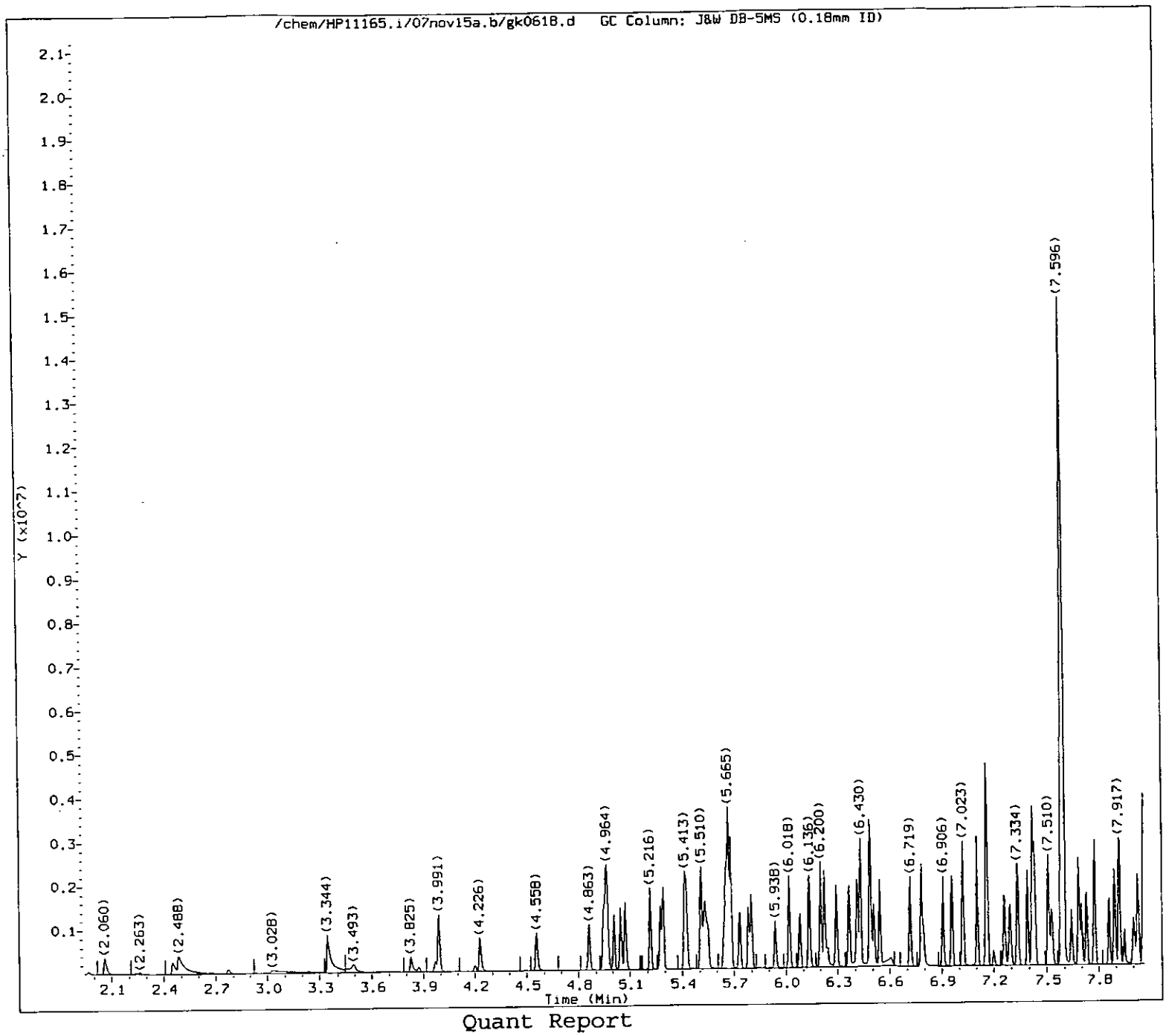
Method: SW-846 8270C File ID: gk0618.d

ICV SAMPLE ID: ICV3107 BATCH: 07NOV15A026 Sample Name: SSTD050

COMPOUND NAME	TRUE CONC.	ACTUAL CONC.	% DRIFT	%D window	INSPEC
Carbazole	50.00	50.15	0	20	YES
Methyl parathion	50.00	59.55	19	20	YES
Di-n-butylphthalate	50.00	52.71	5	20	YES
Parathion	50.00	50.88	2	20	YES
4-Nitroquinoline-1-oxide	550.00	766.79	39	20	NO
Methapyrilene	50.00	8.99	-82	20	NO
Isodrin	50.00	51.76	4	20	YES
Fluoranthene	50.00	47.59	-5	20	YES
Benzidine	250.00	296.60	19	20	YES
Pyrene	50.00	50.95	2	20	YES
Terphenyl-d14	50.00	47.15	-6	20	YES
p-Dimethylaminoazobenzene	50.00	52.95	6	20	YES
Chlorobenzilate	50.00	52.90	6	20	YES
3,3'-Dimethylbenzidine	50.00	51.91	4	20	YES
Butylbenzylphthalate	50.00	50.87	2	20	YES
2-Acetylaminofluorene	50.00	45.83	-8	20	YES
3,3'-Dichlorobenzidine	50.00	47.92	-4	20	YES
4,4'-Methylenebis(2-Chloroa	50.00	49.00	-2	20	YES
Benzo(a)anthracene	50.00	50.29	1	20	YES
Chrysene	50.00	49.93	0	20	YES
bis(2-Ethylhexyl)phthalate	50.00	51.64	3	20	YES
Di-n-octylphthalate	50.00	50.62	1	20	YES
7,12-Dimethylbenz[a]anthrac	50.00	48.12	-4	20	YES
Benzo(b)fluoranthene	50.00	52.27	5	20	YES
Benzo(k)fluoranthene	50.00	53.50	7	20	YES
Benzo(a)pyrene	50.00	54.37	9	20	YES
3-Methylcholanthrene	50.00	47.35	-5	20	YES
Indeno(1,2,3-cd)pyrene	50.00	51.03	2	20	YES
Dibenz(a,h)anthracene	50.00	54.71	9	20	YES
Benzo(g,h,i)perylene	50.00	51.36	3	20	YES
6-Methylchrysene	50.00	49.64	-1	20	YES
Dibenz(a,h)acridine	50.00	46.01	-8	20	YES
Dibenz(a,j)acridine	50.00	51.40	3	20	YES
Hexabromobenzene	50.00	.00	0	20	YES
Ronnel	50.00	3.09	-94	20	NO

NC = Could not calculate

Comments: _____



Quant Report

Target Revision 3.5

Data File: /chem/HP11165.i/07nov15a.b/gk0618.d Instrument ID: HP11165.i
Injection date and time: 15-NOV-2007 19:48 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07nov15a.b/minti.m Sublist used: all1
Calibration date and time: 15-NOV-2007 19:33
Date, time and analyst ID of latest file update: 15-Nov-2007 20:21 gjd01970

Sample Name: SSTD050 Lab Sample ID: ICV3107

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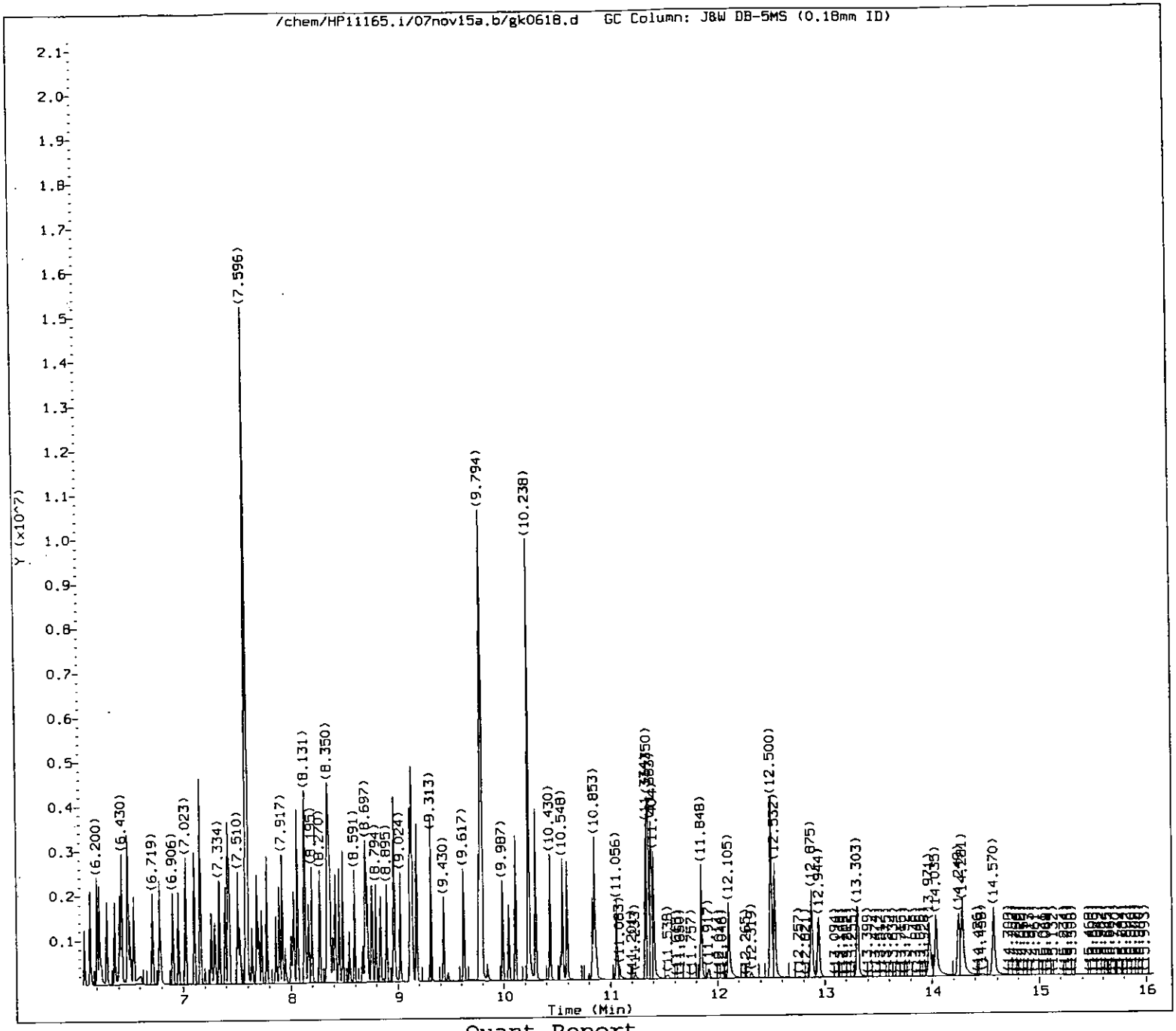
11/15/07



Quant Report

Target Revision 3.5

Data File: /chem/HP11165.i/07nov15a.b/gk0618.d Instrument ID: HP11165.i
Injection date and time: 15-NOV-2007 19:48 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07nov15a.b/minti.m Sublist used: all1
Calibration date and time: 15-NOV-2007 19:33
Date, time and analyst ID of latest file update: 15-Nov-2007 20:21 gjd01970

Sample Name: SSTD050 Lab Sample ID: ICV3107

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11/15/07

Quant Report

Target Revision 3.5

Data File: /chem/HP11165.i/07nov15a.b/gk0618.d Instrument ID: HP11165.i
Injection date and time: 15-NOV-2007 19:48 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07nov15a.b/minti.m Sublist used: all1
Calibration date and time: 15-NOV-2007 19:33
Date, time and analyst ID of latest file update: 15-Nov-2007 20:21 gjd01970

Sample Name: SSTD050 Lab Sample ID: ICV3107

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
1) 1,4-Dioxane	(1)	2.060	88	182659	51.295
2) N-Nitrosodimethylamine	(1)	2.450	74	237609	52.161
3) Pyridine	(1)	2.488	79	402613	47.630
5) 2-Picoline	(1)	3.344	93	392018	48.874
6) N-Nitrosomethylethylamine	(1)	3.493	88	193636	48.006
7) Methyl methanesulfonate	(1)	3.825	80	131182	36.292
10) N-Nitrosodiethylamine	(1)	4.226	102	186826	49.722
11) Ethyl methanesulfonate	(1)	4.558	109	166509	50.104
13) Aniline	(1)	4.970	93	600512	47.583
16) Phenol	(1)	4.959	94	526316	49.064
17) Pentachloroethane	(1)	5.007	167	103468	50.766
18) bis(2-Chloroethyl)ether	(1)	5.044	93	377316	48.660
19) 2-Chlorophenol	(1)	5.071	128	287498	48.935
20) 1,3-Dichlorobenzene	(1)	5.216	146	289340	49.126
21) 1,4-Dichlorobenzene-d4	(1)	5.274	152	153314	40.000
22) 1,4-Dichlorobenzene	(1)	5.290	146	308094	50.880
24) Benzyl alcohol	(1)	5.413	108	240781	49.424
25) 1,2-Dichlorobenzene	(1)	5.424	146	279636	49.086
26) 2-Methylphenol	(1)	5.531	108	338345	48.427
27) 2,2'-oxybis(1-Chloropropane)	(1)	5.547	45	398792	43.540
28) bis(2-Chloroisopropyl)ether	(1)	5.547	45	398792	43.540
29) N-Nitrosopyrrolidine	(1)	5.638	100	190123	50.158
30) Acetophenone	(1)	5.654	105	495265	50.147
31) N-Nitroso-di-n-propylamine	(1)	5.665	70	310596	49.210
32) N-Nitrosomorpholine	(1)	5.676	56	210755	51.297
33) 4-Methylphenol	(1)	5.665	108	389411	50.628
34) o-Toluidine	(1)	5.681	106	578355	48.644
37) Hexachloroethane	(1)	5.729	117	128874	50.399
39) Nitrobenzene	(2)	5.799	77	433132	48.246
40) N-Nitrosopiperidine	(2)	5.938	114	165143	48.936
41) Isophorone	(2)	6.018	82	733492	47.750
42) 2-Nitrophenol	(2)	6.082	139	146529	51.123
44) 2,4-Dimethylphenol	(2)	6.136	107	367157	49.196
45) O,O,O-triethylphosphorothioate	(2)	6.200	198	148886	48.993
46) bis(2-Chloroethoxy)methane	(2)	6.221	93	451568	50.062
47) Benzoic acid	(2)	6.242	105	278429	51.077
49) 2,4-Dichlorophenol	(2)	6.291	162	228465	47.416
50) 1,2,4-Trichlorobenzene	(2)	6.365	180	242123	48.527
52) Naphthalene-d8	(2)	6.408	136	625670	40.000
53) Naphthalene	(2)	6.430	128	878440	49.665
55) 4-Chloroaniline	(2)	6.483	127	367164	52.604
56) 2,6-Dichlorophenol	(2)	6.489	162	228271	49.696
57) Hexachloropropene	(2)	6.505	213	157490	49.932

M = Compound was manually integrated. A = User selected an alternate hit

Quant Report

Target Revision 3.5

Data File: /chem/HP11165.i/07nov15a.b/gk0618.d Instrument ID: HP11165.i
Injection date and time: 15-NOV-2007 19:48 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07nov15a.b/minti.m Sublist used: all1
Calibration date and time: 15-NOV-2007 19:33
Date, time and analyst ID of latest file update: 15-Nov-2007 20:21 gjd01970

Sample Name: SSTD050 Lab Sample ID: ICV3107

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
59) Hexachlorobutadiene	(2)	6.542	225	151110	49.580
62) Caprolactam	(2)	6.793	113	122479	49.511
63) N-Nitrosodi-n-butylamine	(2)	6.783	84	361269	53.738
67) 4-Chloro-3-methylphenol	(2)	6.906	107	322842	49.636
68) Safrole	(2)	6.959	162	227833	50.566
69) 2-Methylnaphthalene	(2)	7.023	142	569255	50.098
70) 1-Methylnaphthalene	(2)	7.104	142	542733	48.061
71) Hexachlorocyclopentadiene	(3)	7.157	237	339613	115.732
72) 1,2,4,5-Tetrachlorobenzene	(3)	7.162	216	275558	51.406
73) cis-Isosafrole	(3)	7.200	162	35067	8.232
74) 2,4,6-Trichlorophenol	(3)	7.264	196	171238	49.442
76) 2,4,5-Trichlorophenol	(3)	7.296	196	192654	47.942
78) trans-Isosafrole	(3)	7.392	162	235419	43.209
79) Isosafrole	(3)	7.392	162	235419	48.550
80) Biphenyl	(3)	7.419	154	734288	50.904
81) Diphenyl	(3)	7.419	154	734288	50.904
82) 1,1'-Biphenyl	(3)	7.419	154	734288	50.904
83) 2-Chloronaphthalene	(3)	7.430	162	530778	42.180
87) Diphenyl ether	(3)	7.510	170	388409	47.679
88) 2-Nitroaniline	(3)	7.532	138	193461	52.886
89) 1,4-Naphthoquinone	(3)	7.596	158	2938905	730.361
90) 1,4-Dinitrobenzene	(3)	7.638	168	96726	46.421
91) Dimethylphthalate	(3)	7.681	163	608879	49.768
92) 1,3-Dinitrobenzene	(3)	7.697	168	118224	53.318
93) 2,6-Dinitrotoluene	(3)	7.729	165	148158	53.886
94) Acenaphthylene	(3)	7.778	152	914397	54.025
96) 3-Nitroaniline	(3)	7.863	138	167738	50.726
97) Acenaphthene-d10	(3)	7.895	164	375233	40.000
98) Acenaphthene	(3)	7.922	153	570519	50.802
99) 2,4-Dinitrophenol	(3)	7.949	184	78114	45.825
100) Pentachlorobenzene	(3)	8.029	250	246731	49.499
102) 4-Nitrophenol	(3)	8.002	109	129472	50.523
103) Dibenzofuran	(3)	8.061	168	820991	49.877
104) 2,4-Dinitrotoluene	(3)	8.056	165	184624	50.860
105) 1-Naphthylamine	(3)	8.131	143	591163	53.120
106) 2,3,4,6-Tetrachlorophenol	(3)	8.163	232	171074	52.533
107) 2-Naphthylamine	(3)	8.195	143	600940	52.901
108) Diethylphthalate	(3)	8.270	149	638414	50.504
109) Thionazin	(3)	8.334	107	130020	50.994
110) Fluorene	(3)	8.344	166	696754	50.688
111) 4-Chlorophenyl-phenylether	(3)	8.355	204	336183	49.615
112) 5-Nitro-o-toluidine	(3)	8.361	152	199022	50.424
113) 4-Nitroaniline	(3)	8.366	138	178656	49.417

M = Compound was manually integrated. A = User selected an alternate hit

Quant Report

Target Revision 3.5

Data File: /chem/HP11165.i/07nov15a.b/gk0618.d Instrument ID: HP11165.i
Injection date and time: 15-NOV-2007 19:48 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07nov15a.b/minti.m Sublist used: all1
Calibration date and time: 15-NOV-2007 19:33
Date, time and analyst ID of latest file update: 15-Nov-2007 20:21 gjd01970

Sample Name: SSTD050 Lab Sample ID: ICV3107

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
114) 4,6-Dinitro-2-methylphenol	(4)	8.393	198	110459	45.507
115) 1-Nitronaphthalene	(4)	8.414	173	132239	50.177
116) N-Nitrosodiphenylamine	(4)	8.451	169	493823	49.005
117) 1,2-Diphenylhydrazine	(4)	8.484	77	979437	51.596
119) Tetraethyldithiopyrophosphate	(4)	8.591	97	127321	51.251
120) 1,3,5-Trinitrobenzene	(4)	8.671	213	74710	45.596
121) Diallate (peak 1)	(4)	8.692	86	296499	37.252
122) Phorate	(4)	8.697	75	529188	51.876
123) Phenacetin	(4)	8.714	108	406517	51.522
124) 4-Bromophenyl-phenylether	(4)	8.756	248	198555	50.308
125) Diallate (peak 2)	(4)	8.762	86	109471	14.633
126) Hexachlorobenzene	(4)	8.794	284	217812	48.503
127) Dimethoate	(4)	8.837	87	328398	57.481
128) Diallate TRANS/CIS	(4)	23.156	86	405970	51.783
130) Pentachlorophenol	(4)	8.960	266	123658	46.568
131) Pentachloronitrobenzene	(4)	8.970	237	83092	49.363
132) 4-Aminobiphenyl	(4)	8.965	169	662809	53.118
133) Pronamide	(4)	9.024	173	274536	51.246
134) Phenanthrene-d10	(4)	9.115	188	734604	40.000
135) Dinoseb	(4)	9.115	211	152234	45.279
136) Phenanthrene	(4)	9.136	178	988587	50.741
137) Anthracene	(4)	9.179	178	1005682	50.669
139) Carbazole	(4)	9.313	167	970607	50.148
140) Methyl parathion	(4)	9.430	109	237540	59.549
141) Di-n-butylphthalate	(4)	9.617	149	1088786	52.708
142) Parathion	(4)	9.762	109	152179	50.878
143) 4-Nitroquinoline-1-oxide	(4)	9.794	190	1558097	766.789
144) Methapyrilene	(4)	9.847	97	54418	8.990
145) Isodrin	(4)	9.987	193	105932	51.757
146) Fluoranthene	(4)	10.110	202	1115239	47.590
151) Benzidine	(5)	10.238	184	3520616	296.602
153) Pyrene	(5)	10.297	202	1206093	50.951
157) p-Dimethylaminoazobenzene	(5)	10.553	225	252380	52.954
158) Chlorobenzilate	(5)	10.591	139	326602	52.900
159) 3,3'-Dimethylbenzidine	(5)	10.832	212	596519	51.908
160) Butylbenzylphthalate	(5)	10.853	149	484459	50.872
161) 2-Acetylaminofluorene	(5)	11.056	181	372127	45.826
163) 3,3'-Dichlorobenzidine	(5)	11.329	252	388484	47.918
164) 4,4'-Methylenebis(2-Chloroanil	(5)	11.334	231	200369	49.002
165) Benzo(a)anthracene	(5)	11.350	228	1181692	50.287
166) Chrysene-d12	(5)	11.356	240	800251	40.000
167) Chrysene	(5)	11.383	228	1176990	49.929
168) bis(2-Ethylhexyl)phthalate	(5)	11.404	149	632301	51.639

M = Compound was manually integrated. A = User selected an alternate hit

Quant Report

Target Revision 3.5

Data File: /chem/HP11165.i/07nov15a.b/gk0618.d Instrument ID: HP11165.i
Injection date and time: 15-NOV-2007 19:48 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07nov15a.b/minti.m Sublist used: all1
Calibration date and time: 15-NOV-2007 19:33
Date, time and analyst ID of latest file update: 15-Nov-2007 20:21 gjd01970

Sample Name: SSTD050 Lab Sample ID: ICV3107

	Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
188)	6-Methylchrysene	(5)	11.848	242	767247	49.645
169)	Di-n-octylphthalate	(6)	12.105	149	969319	50.624
189)	Dibenz(a,h)acridine	(6)	13.971	279	739432	46.007
190)	Dibenz(a,j)acridine	(6)	14.035	279	952091	51.397
170)	7,12-Dimethylbenz[a]anthracene	(6)	12.495	256	528433	48.118
171)	Benzo(b)fluoranthene	(6)	12.500	252	1117032	52.274
194)	Ronnel	(4)	8.794	285	15018	3.086
172)	Benzo(k)fluoranthene	(6)	12.532	252	1203226	53.502
173)	Benzo(a)pyrene	(6)	12.875	252	1031572	54.374
174)	Perylene-d12	(6)	12.944	264	559279	40.000
175)	3-Methylcholanthrene	(6)	13.303	268	554240	47.346
176)	Indeno(1,2,3-cd)pyrene	(6)	14.249	276	1198628	51.029
177)	Dibenz(a,h)anthracene	(6)	14.281	278	1032899	54.705
178)	Benzo(g,h,i)perylene	(6)	14.570	276	1036788	51.364
9)	2-Fluorophenol	(1)	3.991	112	298620	45.757
14)	Phenol-d5	(1)	4.948	99	421993	46.288
15)	Phenol-d6	(1)	4.948	99	421993	46.288
38)	Nitrobenzene-d5	(2)	5.782	82	386068	45.739
77)	2-Fluorobiphenyl	(3)	7.339	172	592416	46.825
118)	2,4,6-Tribromophenol	(3)	8.542	330	98238	46.088
155)	Terphenyl-d14	(5)	10.436	244	817942	47.147

M = Compound was manually integrated. A = User selected an alternate hit

7B

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Instrument ID: HP11165 Calibration Date: 12/04/07 Time: 18:33

Lab File ID: gl0091.d Init. Calib. Date(s): 11/15/07 11/15/07

Init. Calib. Times(s): 16:55 18:59

Min RRF for SPCC(#) = 0.050 Max %Drift for CCC(*) = 20%

	COMPOUND	RRF	RRF80	ACTUAL CONC.	TRUE CONC.	% DRIFT
	1,4-Dioxane	0.929	0.947	81.540	80.0	2
	N-Nitrosodimethylamine	1.188	1.483	99.830	80.0	25
	Pyridine	2.205	2.186	79.310	80.0	-1
	2-Picoline	2.093	2.122	81.120	80.0	1
	N-Nitrosomethylethylamine	1.052	1.128	85.770	80.0	7
	Methyl methanesulfonate	0.943	0.967	82.070	80.0	3
	N-Nitrosodiethylamine	0.980	1.082	88.270	80.0	10
	Ethyl methanesulfonate	0.867	0.937	86.500	80.0	8
	Aniline	3.293	3.462	84.110	80.0	5
*	Phenol	2.799	2.963	84.700	80.0	6*
	Pentachloroethane	0.532	0.556	83.580	80.0	4
	bis(2-Chloroethyl)ether	2.023	2.139	84.590	80.0	6
	2-Chlorophenol	1.533	1.645	85.860	80.0	7
	1,3-Dichlorobenzene	1.537	1.584	82.470	80.0	3
*	1,4-Dichlorobenzene	1.580	1.619	81.990	80.0	2*
	Benzyl alcohol	1.271	1.406	88.520	80.0	11
	1,2-Dichlorobenzene	1.486	1.563	84.140	80.0	5
	2-Methylphenol	1.823	1.998	87.690	80.0	10
	2,2'-oxybis(1-Chloropropane)	2.390	2.517	84.280	80.0	5
	bis(2-Chloroisopropyl)ether	2.390	2.517	84.280	80.0	5
	N-Nitrosopyrrolidine	0.989	1.188	96.070	80.0	20
	Acetophenone	2.577	2.746	85.270	80.0	7
#	N-Nitroso-di-n-propylamine	1.647	1.787	86.800	80.0	8#
	N-Nitrosomorpholine	1.072	1.142	85.260	80.0	7
	4-Methylphenol	2.007	2.322	92.570	80.0	16
	o-Toluidine	3.102	3.397	87.620	80.0	10
	Hexachloroethane	0.667	0.709	85.020	80.0	6
	Nitrobenzene	0.574	0.576	80.230	80.0	0
	N-Nitrosopiperidine	0.216	0.222	82.360	80.0	3
	Isophorone	0.982	1.034	84.200	80.0	5
*	2-Nitrophenol	0.183	0.201	87.710	80.0	10*
	2,4-Dimethylphenol	0.477	0.494	82.860	80.0	4
	O,O,O-triethylphosphorothioate	0.194	0.206	84.660	80.0	6
	bis(2-Chloroethoxy)methane	0.577	0.574	79.570	80.0	-1
	Benzoic acid	0.320	0.345	73.520	80.0	-8
*	2,4-Dichlorophenol	0.308	0.332	86.320	80.0	8*

JG 12/4/07

0577

FORM VII SV-1

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Instrument ID: HP11165 Calibration Date: 12/04/07 Time: 18:33

Lab File ID: gl0091.d Init. Calib. Date(s): 11/15/07 11/15/07

Init. Calib. Times(s): 16:55 18:59

Min RRF for SPCC(#) = 0.050 Max %Drift for CCC(*) = 20%

	COMPOUND	RRF	RRF80	ACTUAL CONC.	TRUE CONC.	% DRIFT
	1,2,4-Trichlorobenzene	0.319	0.330	82.740	80.0	3
	Naphthalene	1.131	1.159	82.020	80.0	3
	4-Chloroaniline	0.446	0.469	84.050	80.0	5
	2,6-Dichlorophenol	0.294	0.312	85.080	80.0	6
	Hexachloropropene	0.202	0.221	87.670	80.0	10
*	Hexachlorobutadiene	0.195	0.197	80.930	80.0	1*
	Caprolactam	0.158	0.185	93.720	80.0	17
	N-Nitrosodi-n-butylamine	0.430	0.382	71.090	80.0	-11
*	4-Chloro-3-methylphenol	0.416	0.458	88.150	80.0	10*
	Safrole	0.288	0.309	85.730	80.0	7
	2-Methylnaphthalene	0.726	0.760	83.670	80.0	5
	1-Methylnaphthalene	0.722	0.756	83.740	80.0	5
#	Hexachlorocyclopentadiene	0.268	0.270	70.600	80.0	-12#
	1,2,4,5-Tetrachlorobenzene	0.571	0.595	83.240	80.0	4
	cis-Isosafrole	0.454	0.462	8.960	8.8	2
*	2,4,6-Trichlorophenol	0.369	0.407	88.280	80.0	10*
	2,4,5-Trichlorophenol	0.428	0.469	87.510	80.0	9
	trans-Isosafrole	0.581	0.604	74.100	71.2	4
	Isosafrole	0.517	0.538	83.260	80.0	4
	Biphenyl	1.538	1.551	80.700	80.0	1
	Diphenyl	1.538	1.551	80.700	80.0	1
	1,1'-Biphenyl	1.538	1.551	80.700	80.0	1
	2-Chloronaphthalene	1.341	1.451	86.510	80.0	8
	Diphenyl ether	0.868	0.874	80.500	80.0	1
	2-Nitroaniline	0.390	0.433	88.760	80.0	11
	1,4-Naphthoquinone	0.429	0.409	76.230	80.0	-5
	1,4-Dinitrobenzene	0.203	0.247	86.380	80.0	8
	Dimethylphthalate	1.304	1.352	82.940	80.0	4
	1,3-Dinitrobenzene	0.236	0.272	92.150	80.0	15
	2,6-Dinitrotoluene	0.293	0.320	87.470	80.0	9
	Acenaphthylene	1.804	1.883	83.470	80.0	4
	3-Nitroaniline	0.352	0.376	85.220	80.0	7
*	Acenaphthene	1.197	1.220	81.550	80.0	2*
#	2,4-Dinitrophenol	0.171	0.217	84.370	80.0	5#
	Pentachlorobenzene	0.531	0.568	85.540	80.0	7
#	4-Nitrophenol	0.250	0.251	71.570	80.0	-11#

8578

FORM VII SV-1

7C cont

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Instrument ID: HP11165 Calibration Date: 12/04/07 Time: 18:33

Lab File ID: gl0091.d Init. Calib. Date(s): 11/15/07 11/15/07

Init. Calib. Times(s): 16:55 18:59

Min RRF for SPCC(#) = 0.050 Max %Drift for CCC(*) = 20%

COMPOUND	RRF	RRF80	ACTUAL CONC.	TRUE CONC.	% DRIFT
Dibenzofuran	1.755	1.803	82.220	80.0	3
2,4-Dinitrotoluene	0.387	0.429	88.660	80.0	11
1-Naphthylamine	1.186	1.133	76.370	80.0	-5
2,3,4,6-Tetrachlorophenol	0.347	0.392	90.420	80.0	13
2-Naphthylamine	1.211	1.055	69.670	80.0	-13
Diethylphthalate	1.348	1.370	81.330	80.0	2
Thionazin	0.272	0.270	79.460	80.0	-1
Fluorene	1.465	1.522	83.070	80.0	4
4-Chlorophenyl-phenylether	0.722	0.766	84.880	80.0	6
5-Nitro-o-toluidine	0.421	0.443	84.320	80.0	5
4-Nitroaniline	0.385	0.405	84.110	80.0	5
4,6-Dinitro-2-methylphenol	0.120	0.150	85.820	80.0	7
1-Nitronaphthalene	0.144	0.148	82.470	80.0	3
* N-Nitrosodiphenylamine (1)	0.549	0.552	80.430	80.0	1*
1,2-Diphenylhydrazine	1.034	0.995	77.030	80.0	-4
Tetraethyldithiopyrophosphate	0.135	0.135	79.700	80.0	0
1,3,5-Trinitrobenzene	0.077	0.101	85.350	80.0	7
Diallate (peak 1)	0.433	0.432	59.790	60.0	0
Phorate	0.555	0.593	85.450	80.0	7
Phenacetin	0.430	0.438	81.560	80.0	2
4-Bromophenyl-phenylether	0.215	0.229	85.180	80.0	6
Diallate (peak 2)	0.407	0.423	20.760	20.0	4
Hexachlorobenzene	0.244	0.260	85.030	80.0	6
Dimethoate	0.311	0.305	78.510	80.0	-2
Diallate TRANS/CIS	0.427	0.430	80.510	80.0	1
* Pentachlorophenol	0.145	0.159	88.070	80.0	10*
Pentachloronitrobenzene	0.092	0.089	77.960	80.0	-3
4-Aminobiphenyl	0.679	0.641	75.490	80.0	-6
Pronamide	0.292	0.312	85.680	80.0	7
Dinoseb	0.154	0.213	86.150	80.0	8
Phenanthrene	1.061	1.091	82.270	80.0	3
Anthracene	1.081	1.115	82.540	80.0	3
Carbazole	1.054	1.086	82.410	80.0	3
Methyl parathion	0.217	0.213	78.630	80.0	-2
Di-n-butylphthalate	1.125	1.211	86.120	80.0	8
Parathion	0.148	0.163	78.400	80.0	-2

(1) Cannot be Separated from Diphenylamine

8579

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Instrument ID: HP11165 Calibration Date: 12/04/07 Time: 18:33

Lab File ID: gl0091.d Init. Calib. Date(s): 11/15/07 11/15/07

Init. Calib. Times(s): 16:55 18:59

Min RRF for SPCC(#) = 0.050 Max %Drift for CCC(*) = 20%

	COMPOUND	RRF	RRF80	ACTUAL CONC.	TRUE CONC.	% DRIFT
	4-Nitroquinoline-1-oxide	0.078	0.067	54.990	80.0	-31
	Methapyrilene	0.330	0.351	85.140	80.0	6
	Isodrin	0.111	0.114	81.480	80.0	2
*	Fluoranthene	1.276	1.353	84.840	80.0	6*
	Benzidine	0.593	0.607	245.680	240.0	2
	Pyrene	1.183	1.224	82.780	80.0	3
	p-Dimethylaminoazobenzene	0.238	0.265	89.010	80.0	11
	Chlorobenzilate	0.309	0.308	79.890	80.0	0
	3,3'-Dimethylbenzidine	0.519	0.631	85.880	80.0	7
	Butylbenzylphthalate	0.476	0.498	83.780	80.0	5
	2-Acetylaminofluorene	0.364	0.471	88.750	80.0	11
	3,3'-Dichlorobenzidine	0.405	0.461	90.910	80.0	14
	4,4'-Methylenebis(2-Chloroanil	0.204	0.229	89.630	80.0	12
	Benzo(a)anthracene	1.175	1.256	85.550	80.0	7
	Chrysene	1.178	1.204	81.720	80.0	2
	bis(2-Ethylhexyl)phthalate	0.612	0.678	88.600	80.0	11
	6-Methylchrysene	0.772	0.871	90.180	80.0	13
	Dibenz(a,h)acridine	1.022	1.299	85.320	80.0	7
*	Di-n-octylphthalate	1.208	1.443	81.530	80.0	2*
	Dibenz(a,j)acridine	1.214	1.303	76.780	80.0	-4
	7,12-Dimethylbenz[a]anthracene	0.717	0.773	76.420	80.0	-4
	Benzo(b)fluoranthene	1.528	1.696	88.800	80.0	11
	Ronnel	0.265	0.263	79.450	80.0	-1
	Benzo(k)fluoranthene	1.608	1.636	81.360	80.0	2
*	Benzo(a)pyrene	1.357	1.460	86.100	80.0	8*
	3-Methylcholanthrene	0.764	0.865	79.820	80.0	0
	Indeno(1,2,3-cd)pyrene	1.680	1.812	86.280	80.0	8
	Dibenz(a,h)anthracene	1.350	1.462	86.600	80.0	8
	Benzo(g,h,i)perylene	1.444	1.541	85.390	80.0	7
	1-Chloronaphthalene	1.110	1.213	87.420	80.0	9
	2-Fluorophenol	1.703	1.785	83.850	80.0	5
	Phenol-d5	2.379	2.656	89.330	80.0	12
	Phenol-d6	2.379	2.656	89.330	80.0	12
	Nitrobenzene-d5	0.540	0.551	81.730	80.0	2
	2-Fluorobiphenyl	1.349	1.384	82.080	80.0	3

0588

7C cont

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Instrument ID: HP11165 Calibration Date: 12/04/07 Time: 18:33

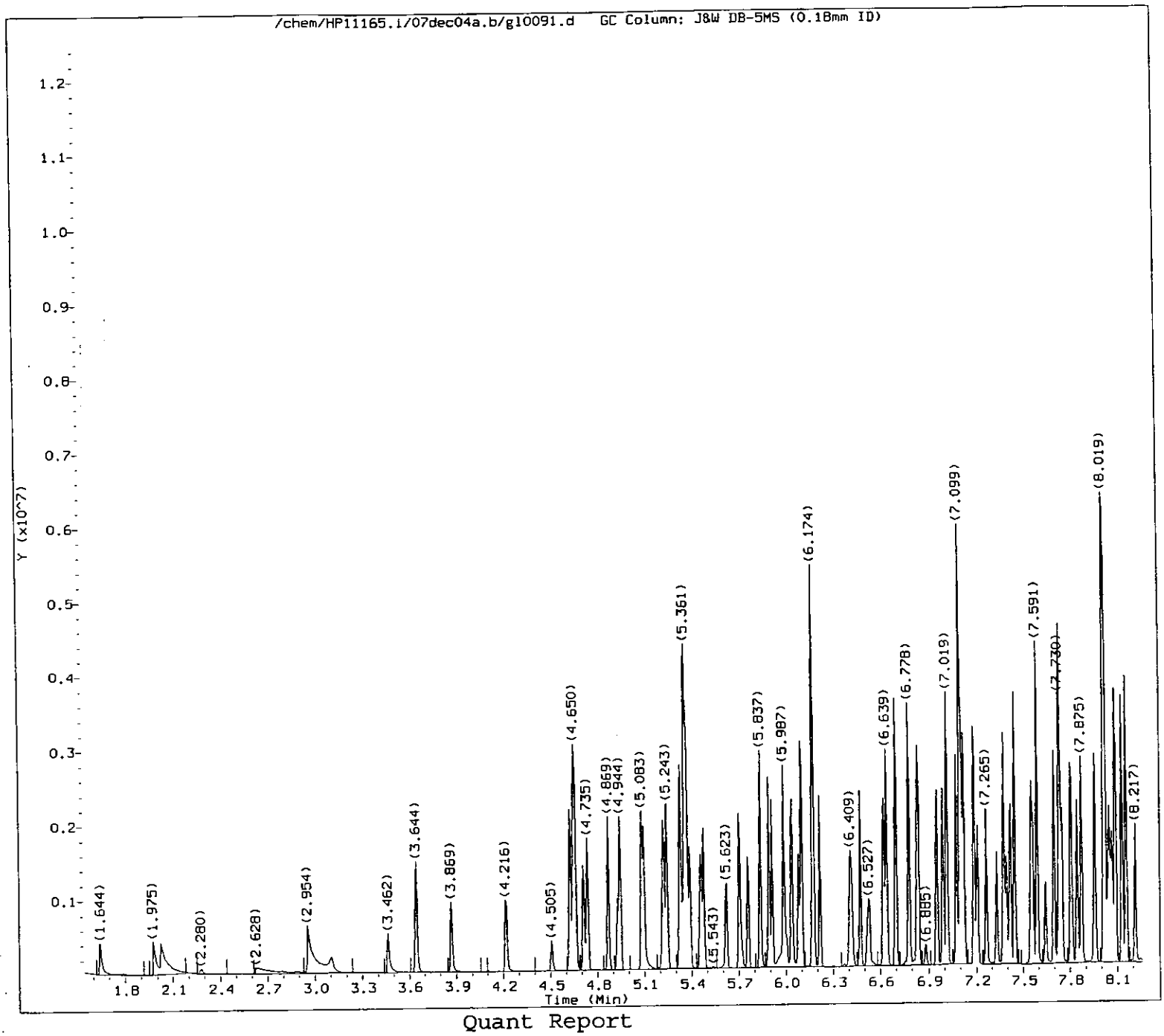
Lab File ID: gl0091.d Init. Calib. Date(s): 11/15/07 11/15/07

Init. Calib. Times(s): 16:55 18:59

Min RRF for SPCC(#) = 0.050 Max %Drift for CCC(*) = 20%

COMPOUND	RRF	RRF80	ACTUAL CONC.	TRUE CONC.	% DRIFT
2,4,6-Tribromophenol	0.227	0.274	96.350	80.0	20
Terphenyl-d14	0.867	0.930	85.820	80.0	7
				Average %Drift:	6

0581



Quant Report

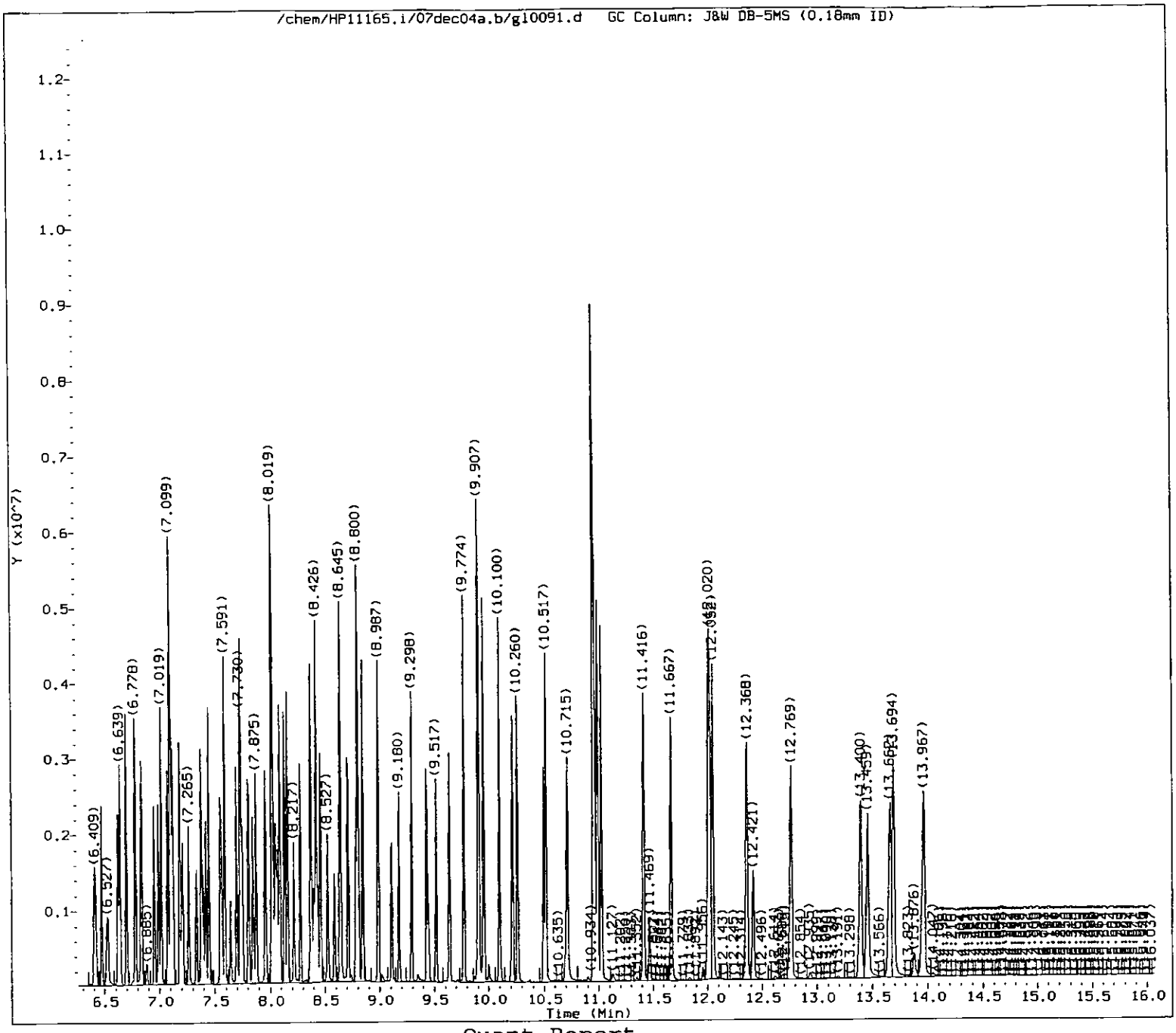
Target Revision 3.5

Data File: /chem/HP11165.i/07dec04a.b/gl0091.d Instrument ID: HP11165.i
Injection date and time: 04-DEC-2007 18:33 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07dec04a.b/minti.m Sublist used: all1
Calibration date and time: 04-DEC-2007 18:57
Date, time and analyst ID of latest file update: 04-Dec-2007 18:57 gjd01970

Sample Name: SSTD080 Lab Sample ID: STD3107

8582
GJD
12/4/07



Quant Report

Target Revision 3.5

Data File: /chem/HP11165.i/07dec04a.b/gl0091.d Instrument ID: HP11165.i
Injection date and time: 04-DEC-2007 18:33 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07dec04a.b/minti.m Sublist used: all1
Calibration date and time: 04-DEC-2007 18:57
Date, time and analyst ID of latest file update: 04-Dec-2007 18:57 gjd01970

Sample Name: SSTD080 Lab Sample ID: STD3107

12/4/07

Quant Report

Target Revision 3.5

Data File: /chem/HP11165.i/07dec04a.b/gl0091.d Instrument ID: HP11165.i
Injection date and time: 04-DEC-2007 18:33 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07dec04a.b/minti.m Sublist used: all1
Calibration date and time: 04-DEC-2007 18:57
Date, time and analyst ID of latest file update: 04-Dec-2007 18:57 gjd01970

Sample Name: SSTD080 Lab Sample ID: STD3107

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
1) 1,4-Dioxane	(1)	1.644	88	213575	81.541
2) N-Nitrosodimethylamine	(1)	1.975	74	334498	99.830
3) Pyridine	(1)	2.023	79	493084M	79.306
5) 2-Picoline	(1)	2.954	93	478563	81.115
6) N-Nitrosomethylethylamine	(1)	3.104	88	254481	85.773
7) Methyl methanesulfonate	(1)	3.462	80	218191	82.065
10) N-Nitrosodiethylamine	(1)	3.869	102	243957	88.270
11) Ethyl methanesulfonate	(1)	4.216	109	211439	86.499
13) Aniline	(1)	4.623	93	780739	84.106
16) Phenol	(1)	4.660	94	668301	84.699
17) Pentachloroethane	(1)	4.650	167	125295	83.578
18) bis(2-Chloroethyl)ether	(1)	4.708	93	482457	84.588
19) 2-Chlorophenol	(1)	4.735	128	371040	85.860
20) 1,3-Dichlorobenzene	(1)	4.869	146	357297	82.475
21) 1,4-Dichlorobenzene-d4	(1)	4.928	152	112770	40.000
22) 1,4-Dichlorobenzene	(1)	4.944	146	365164	81.986
24) Benzyl alcohol	(1)	5.099	108	317205	88.520
25) 1,2-Dichlorobenzene	(1)	5.083	146	352574	84.140
26) 2-Methylphenol	(1)	5.243	108	450635M	87.688
27) 2,2'-oxybis(1-Chloropropane)	(1)	5.222	45	567775	84.277
28) bis(2-Chloroisopropyl)ether	(1)	5.222	45	567775	84.277
29) N-Nitrosopyrrolidine	(1)	5.334	100	267842	96.067
30) Acetophenone	(1)	5.329	105	619434	85.269
31) N-Nitroso-di-n-propylamine	(1)	5.356	70	402954	86.796
32) N-Nitrosomorpholine	(1)	5.372	56	257646	85.256
33) 4-Methylphenol	(1)	5.372	108	523710	92.568
34) o-Toluidine	(1)	5.361	106	766226	87.615
37) Hexachloroethane	(1)	5.388	117	159914	85.021
39) Nitrobenzene	(2)	5.479	77	566793	80.226
40) N-Nitrosopiperidine	(2)	5.623	114	218729	82.361
41) Isophorone	(2)	5.703	82	1017901	84.205
42) 2-Nitrophenol	(2)	5.757	139	197847	87.714
44) 2,4-Dimethylphenol	(2)	5.837	107	486680	82.865
45) O,O,O-triethylphosphorothioate	(2)	5.891	198	202457	84.657
46) bis(2-Chloroethoxy)methane	(2)	5.912	93	564791	79.566
47) Benzoic acid	(2)	6.003	105	339676	73.519
49) 2,4-Dichlorophenol	(2)	5.987	162	327313	86.321
50) 1,2,4-Trichlorobenzene	(2)	6.040	180	324885	82.743
52) Naphthalene-d8	(2)	6.083	136	492374	40.000
53) Naphthalene	(2)	6.099	128	1141669	82.022
55) 4-Chloroaniline	(2)	6.174	127	461679	84.052
56) 2,6-Dichlorophenol	(2)	6.174	162	307535	85.077
57) Hexachloropropene	(2)	6.179	213	217618	87.674

M = Compound was manually integrated. A = User selected an alternate hit

Quant Report

Target Revision 3.5

Data File: /chem/HP11165.i/07dec04a.b/gl0091.d Instrument ID: HP11165.i
Injection date and time: 04-DEC-2007 18:33 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07dec04a.b/minti.m Sublist used: all1
Calibration date and time: 04-DEC-2007 18:57
Date, time and analyst ID of latest file update: 04-Dec-2007 18:57 gjd01970

Sample Name: SSTD080 Lab Sample ID: STD3107

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
59) Hexachlorobutadiene	(2)	6.217	225	194102	80.927
62) Caprolactam	(2)	6.532	113	182454	93.723
63) N-Nitrosodi-n-butylamine	(2)	6.474	84	376129	71.095
67) 4-Chloro-3-methylphenol	(2)	6.623	107	451171	88.145
68) Safrole	(2)	6.639	162	303979	85.731
69) 2-Methylnaphthalene	(2)	6.698	142	748192	83.671
70) 1-Methylnaphthalene	(2)	6.778	142	744193	83.742
71) Hexachlorocyclopentadiene	(3)	6.832	237	171022	70.599
72) 1,2,4,5-Tetrachlorobenzene	(3)	6.837	216	376682	83.240
73) cis-Isosafrole	(3)	6.880	162	32228	8.962
74) 2,4,6-Trichlorophenol	(3)	6.955	196	258109	88.278
76) 2,4,5-Trichlorophenol	(3)	6.992	196	296860	87.507
78) trans-Isosafrole	(3)	7.078	162	340830	74.102
79) Isosafrole	(3)	7.078	162	340830	83.260
80) Biphenyl	(3)	7.099	154	982719	80.700
81) Diphenyl	(3)	7.099	154	982719	80.700
82) 1,1'-Biphenyl	(3)	7.099	154	982719	80.700
83) 2-Chloronaphthalene	(3)	7.110	162	918970M	86.506
87) Diphenyl ether	(3)	7.185	170	553614	80.500
88) 2-Nitroaniline	(3)	7.212	138	274100	88.759
89) 1,4-Naphthoquinone	(3)	7.265	158	258946	76.228
90) 1,4-Dinitrobenzene	(3)	7.335	168	156195	86.379
91) Dimethylphthalate	(3)	7.377	163	856581	82.936
92) 1,3-Dinitrobenzene	(3)	7.394	168	172500	92.154
93) 2,6-Dinitrotoluene	(3)	7.420	165	203025	87.469
94) Acenaphthylene	(3)	7.447	152	1192707	83.474
96) 3-Nitroaniline	(3)	7.554	138	237902	85.222
97) Acenaphthene-d10	(3)	7.565	164	316773	40.000
98) Acenaphthene	(3)	7.591	153	773125	81.547
99) 2,4-Dinitrophenol	(3)	7.645	184	137552	84.372
100) Pentachlorobenzene	(3)	7.698	250	359949	85.539
102) 4-Nitrophenol	(3)	7.730	109	159127	71.569
103) Dibenzofuran	(3)	7.736	168	1142543	82.221
104) 2,4-Dinitrotoluene	(3)	7.752	165	271687	88.656
105) 1-Naphthylamine	(3)	7.805	143	717535	76.374
106) 2,3,4,6-Tetrachlorophenol	(3)	7.848	232	248571	90.417
107) 2-Naphthylamine	(3)	7.875	143	668149	69.672
108) Diethylphthalate	(3)	7.960	149	867930	81.333
109) Thionazin	(3)	8.025	107	171033	79.459
110) Fluorene	(3)	8.019	166	963982	83.071
111) 4-Chlorophenyl-phenylether	(3)	8.030	204	485522	84.878
112) 5-Nitro-o-toluidine	(3)	8.051	152	280970	84.323
113) 4-Nitroaniline	(3)	8.067	138	256702	84.109

M = Compound was manually integrated. A = User selected an alternate hit

Quant Report

Target Revision 3.5

Data File: /chem/HP11165.i/07dec04a.b/gl0091.d Instrument ID: HP11165.i
Injection date and time: 04-DEC-2007 18:33 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07dec04a.b/minti.m Sublist used: all1
Calibration date and time: 04-DEC-2007 18:57
Date, time and analyst ID of latest file update: 04-Dec-2007 18:57 gjd01970

Sample Name: SSTD080 Lab Sample ID: STD3107

	Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
114)	4,6-Dinitro-2-methylphenol	(4)	8.089	198	191764	85.819
115)	1-Nitronaphthalene	(4)	8.094	173	189409	82.472
116)	N-Nitrosodiphenylamine	(4)	8.132	169	706316	80.431
117)	1,2-Diphenylhydrazine	(4)	8.158	77	1274201	77.027
119)	Tetraethyldithiopyrophosphate	(4)	8.276	97	172537	79.698
120)	1,3,5-Trinitrobenzene	(4)	8.399	213	129809	85.353
121)	Diallate (peak 1)	(4)	8.372	86	414700	59.788
122)	Phorate	(4)	8.378	75	759645	85.453
123)	Phenacetin	(4)	8.420	108	560777	81.557
124)	4-Bromophenyl-phenylether	(4)	8.426	248	292957	85.177
125)	Diallate (peak 2)	(4)	8.437	86	135324	20.758
126)	Hexachlorobenzene	(4)	8.463	284	332739	85.027
127)	Dimethoate	(4)	8.527	87	390884	78.512
128)	Diallate TRANS/CIS	(4)	23.156	86	550024	80.508
130)	Pentachlorophenol	(4)	8.640	266	203805	88.073
131)	Pentachloronitrobenzene	(4)	8.640	237	114355	77.958
132)	4-Aminobiphenyl	(4)	8.645	169	820875	75.491
133)	Pronamide	(4)	8.709	173	399978	85.675
134)	Phenanthrene-d10	(4)	8.784	188	640165	40.000
135)	Dinoseb	(4)	8.800	211	272227	86.148
136)	Phenanthrene	(4)	8.806	178	1396840	82.272
137)	Anthracene	(4)	8.848	178	1427593	82.537
139)	Carbazole	(4)	8.987	167	1390043	82.414
140)	Methyl parathion	(4)	9.110	109	273326	78.628
141)	Di-n-butylphthalate	(4)	9.298	149	1550332	86.123
142)	Parathion	(4)	9.431	109	208262	78.404
143)	4-Nitroquinoline-1-oxide	(4)	9.447	190	86356	54.986
144)	Methapyrilene	(4)	9.517	97	449107	85.139
145)	Isodrin	(4)	9.640	193	145333	81.483
146)	Fluoranthene	(4)	9.774	202	1732658	84.844
151)	Benzidine	(5)	9.907	184	2638061	245.677
153)	Pyrene	(5)	9.956	202	1772600	82.776
157)	p-Dimethylaminoazobenzene	(5)	10.218	225	383788	89.014
158)	Chlorobenzilate	(5)	10.260	139	446196	79.890
159)	3,3'-Dimethylbenzidine	(5)	10.496	212	914217	85.876
160)	Butylbenzylphthalate	(5)	10.517	149	721732	83.776
161)	2-Acetylaminofluorene	(5)	10.715	181	681376	88.745
163)	3,3'-Dichlorobenzidine	(5)	10.950	252	666778	90.914
164)	4,4'-Methylenebis(2-Chloroanil	(5)	10.961	231	331557	89.632
165)	Benzo(a)anthracene	(5)	10.961	228	1818673	85.552
166)	Chrysene-d12	(5)	10.966	240	723938	40.000
167)	Chrysene	(5)	10.993	228	1742764	81.723
168)	bis(2-Ethylhexyl)phthalate	(5)	11.025	149	981463	88.604

M = Compound was manually integrated. A = User selected an alternate hit

Quant Report

Target Revision 3.5

Data File: /chem/HP11165.i/07dec04a.b/gl0091.d Instrument ID: HP11165.i
Injection date and time: 04-DEC-2007 18:33 Analyst ID: gjd01970

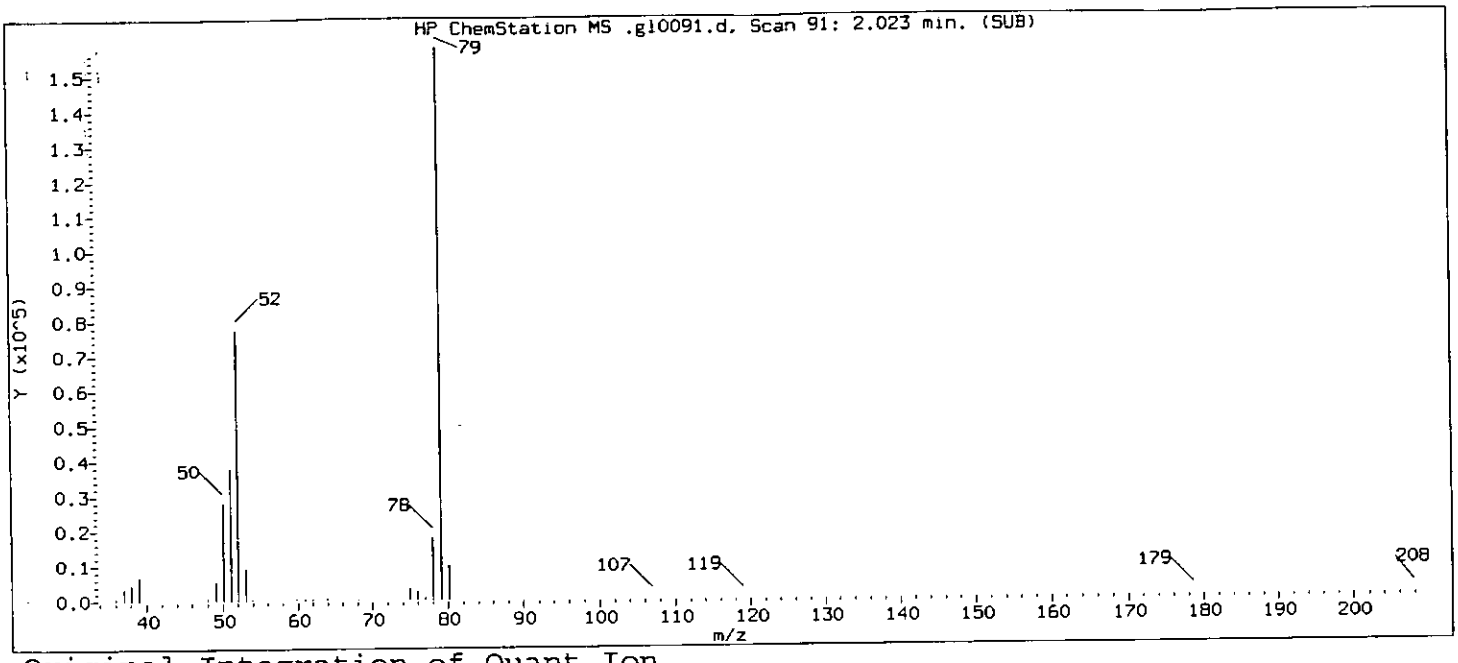
Method used: /chem/HP11165.i/07dec04a.b/minti.m Sublist used: all1
Calibration date and time: 04-DEC-2007 18:57
Date, time and analyst ID of latest file update: 04-Dec-2007 18:57 gjd01970

Sample Name: SSTD080 Lab Sample ID: STD3107

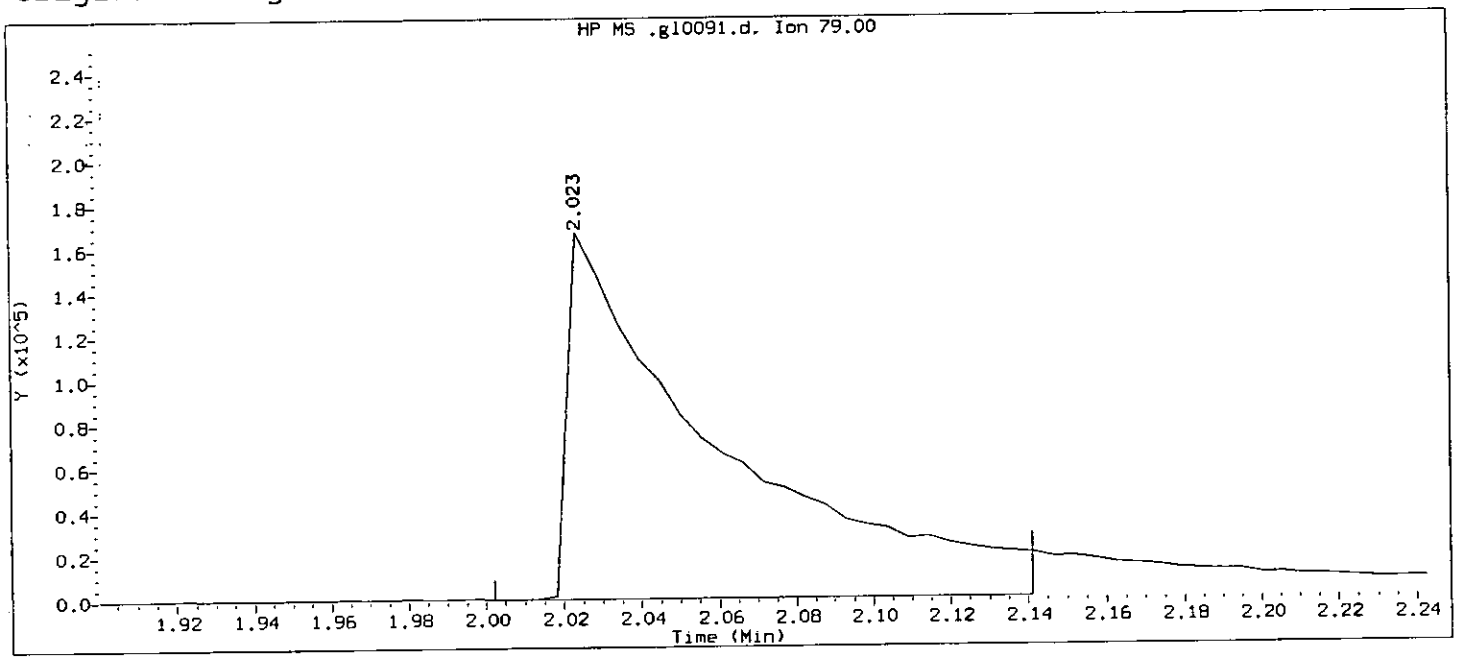
	Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
188)	6-Methylchrysene	(5)	11.416	242	1260753	90.177
169)	Di-n-octylphthalate	(6)	11.667	149	1648709	81.530
189)	Dibenz(a,h)acridine	(6)	13.400	279	1484535	85.325
190)	Dibenz(a,j)acridine	(6)	13.464	279	1489532	76.778
170)	7,12-Dimethylbenz[a]anthracene	(6)	12.015	256	882976	76.425
171)	Benzo(b)fluoranthene	(6)	12.025	252	1938938M	88.802
194)	Ronnel	(4)	9.180	285	336954	79.447
172)	Benzo(k)fluoranthene	(6)	12.052	252	1869690M	81.364
173)	Benzo(a)pyrene	(6)	12.368	252	1668980	86.096
174)	Perylene-d12	(6)	12.421	264	571465	40.000
175)	3-Methylcholanthrene	(6)	12.769	268	989206	79.818
176)	Indeno(1,2,3-cd)pyrene	(6)	13.662	276	2070851	86.281
177)	Dibenz(a,h)anthracene	(6)	13.694	278	1670788	86.603
178)	Benzo(g,h,i)perylene	(6)	13.967	276	1761168	85.390
84)	1-Chloronaphthalene	(3)	7.121	162	768314M	87.422
9)	2-Fluorophenol	(1)	3.644	112	402500	83.849
14)	Phenol-d5	(1)	4.644	99	599035	89.332
15)	Phenol-d6	(1)	4.644	99	599035	89.332
38)	Nitrobenzene-d5	(2)	5.457	82	542852	81.726
77)	2-Fluorobiphenyl	(3)	7.019	172	876686	82.082
118)	2,4,6-Tribromophenol	(3)	8.217	330	173373	96.349
155)	Terphenyl-d14	(5)	10.100	244	1346901	85.821

M = Compound was manually integrated. A = User selected an alternate hit

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP11165.i/07dec04a.b/gl0091.d Instrument ID: HP11165.i
Injection date and time: 04-DEC-2007 18:33 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07dec04a.b/minti.m Sublist used: all1
Calibration date and time: 04-DEC-2007 18:54
Date, time and analyst ID of latest file update: 04-Dec-2007 18:54 gjd01970

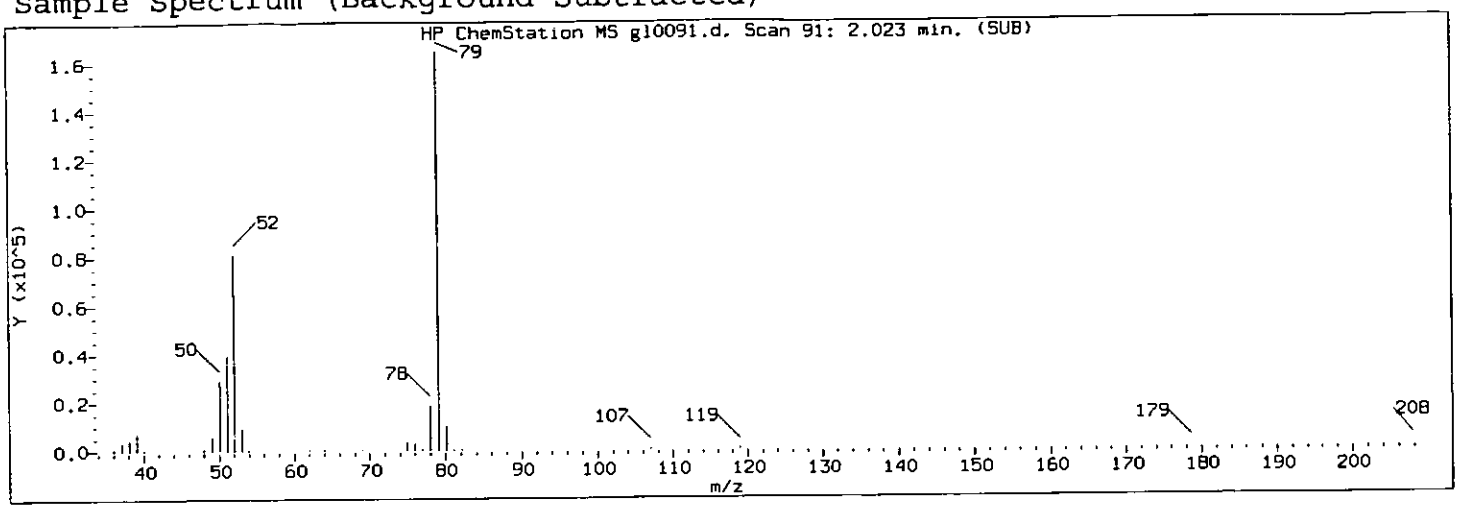
Sample Name: SSTD080 Lab Sample ID: STD3107

Compound Number : 3
Compound Name : Pyridine
Scan Number : 91
Retention Time (minutes): 2.023
Quant Ion : 79
Area : 442118
Concentration (ng/ul) : 71.1082
Integration start scan : 86 Integration stop scan: 112
Y at integration start : 0 Y at integration end: 0

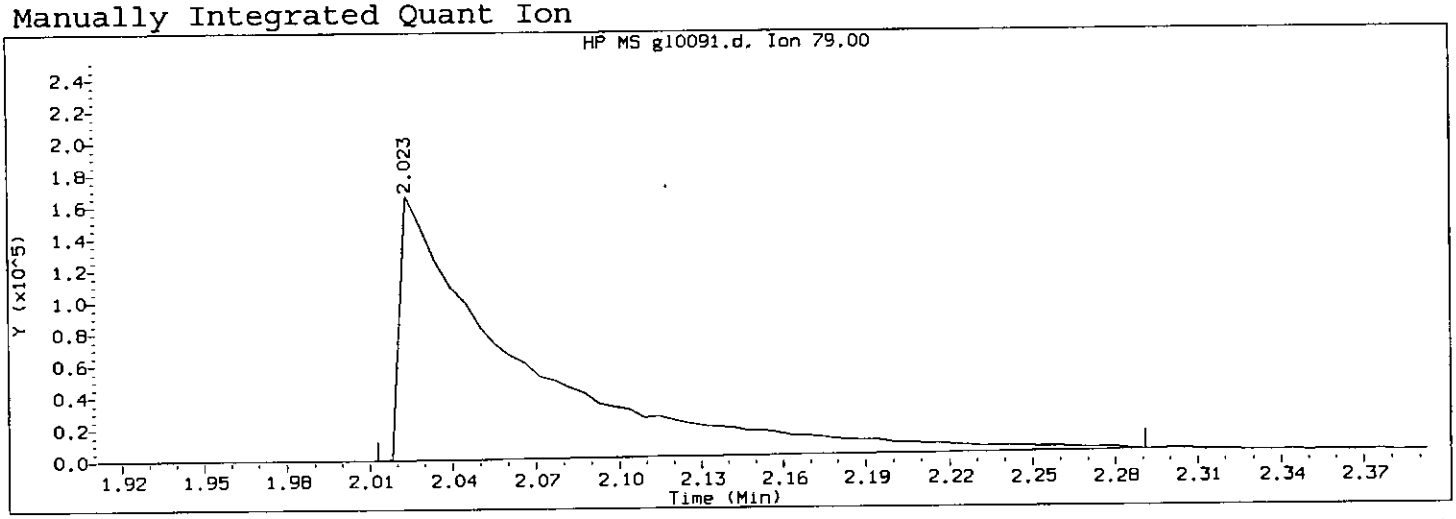
GJH 12/14/07

Original Integration Report for data file /chem/HP11165.i/07dec04a.b/gl0091.d, generated on 12/04/2007 at 18:57

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP11165.i/07dec04a.b/g10091.d Instrument ID: HP11165.i
Injection date and time: 04-DEC-2007 18:33 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07dec04a.b/minti.m Sublist used: all1
Calibration date and time: 04-DEC-2007 18:57
Date, time and analyst ID of latest file update: 04-Dec-2007 18:57 gjd01970

Sample Name: SSTD080 Lab Sample ID: STD3107

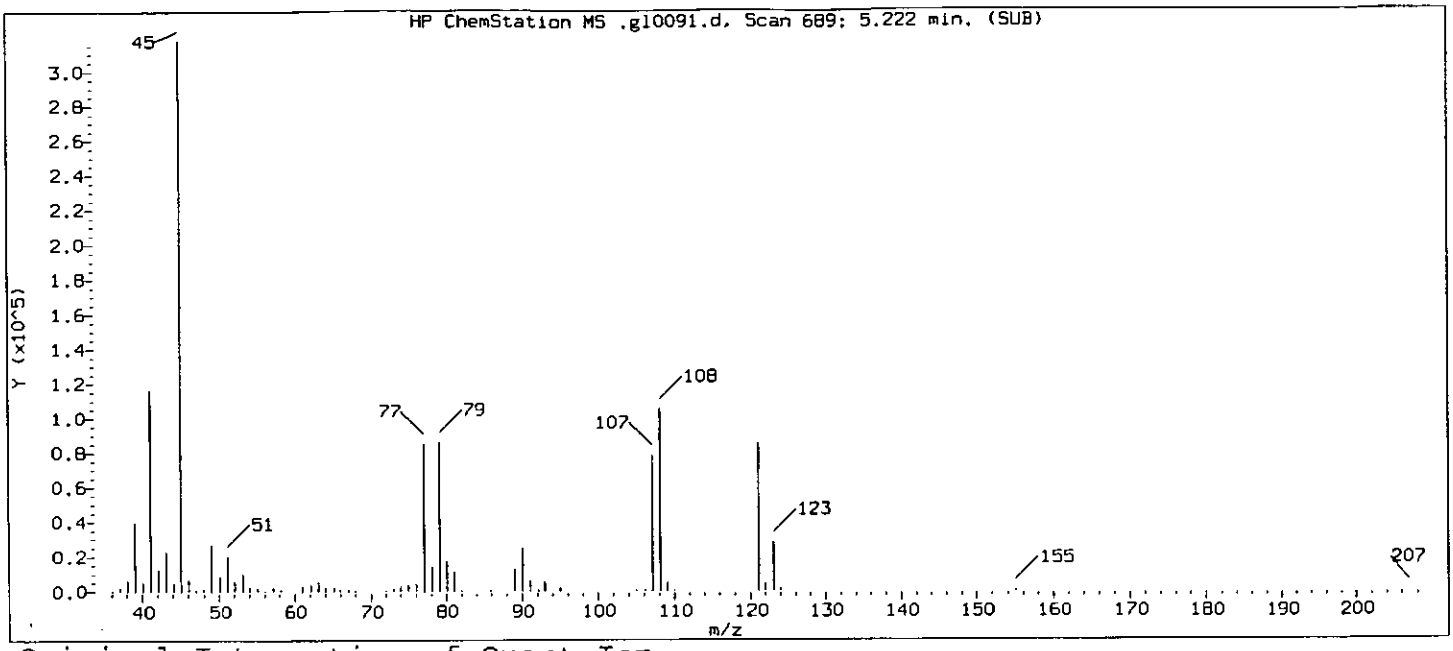
Compound Number	:	3
Compound Name	:	Pyridine
Scan Number	:	91
Retention Time (minutes)	:	2.023
Quant Ion	:	79
Area (flag)	:	493084 M
Concentration (ng/ul)	:	79.3056
Integration start scan	:	88 Integration stop scan: 140
Y at integration start	:	380 Y at integration end: 4358

Reason for manual integration (circle one): missed peak improper integration

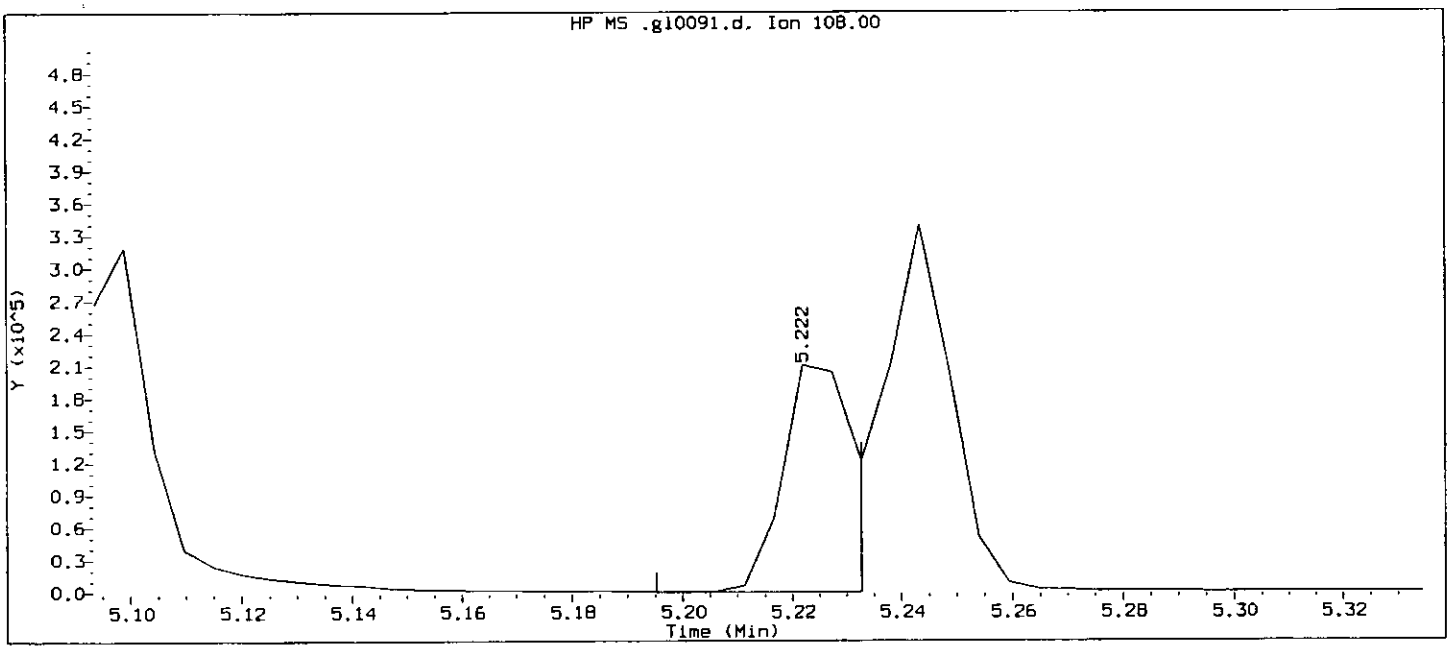
Analyst responsible for change: 1426 12/4/07

GC/MS audit/management approval: 12/6/07

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP11165.i/07dec04a.b/gl0091.d Instrument ID: HP11165.i
Injection date and time: 04-DEC-2007 18:33 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07dec04a.b/minti.m Sublist used: all1
Calibration date and time: 04-DEC-2007 18:54
Date, time and analyst ID of latest file update: 04-Dec-2007 18:54 gjd01970

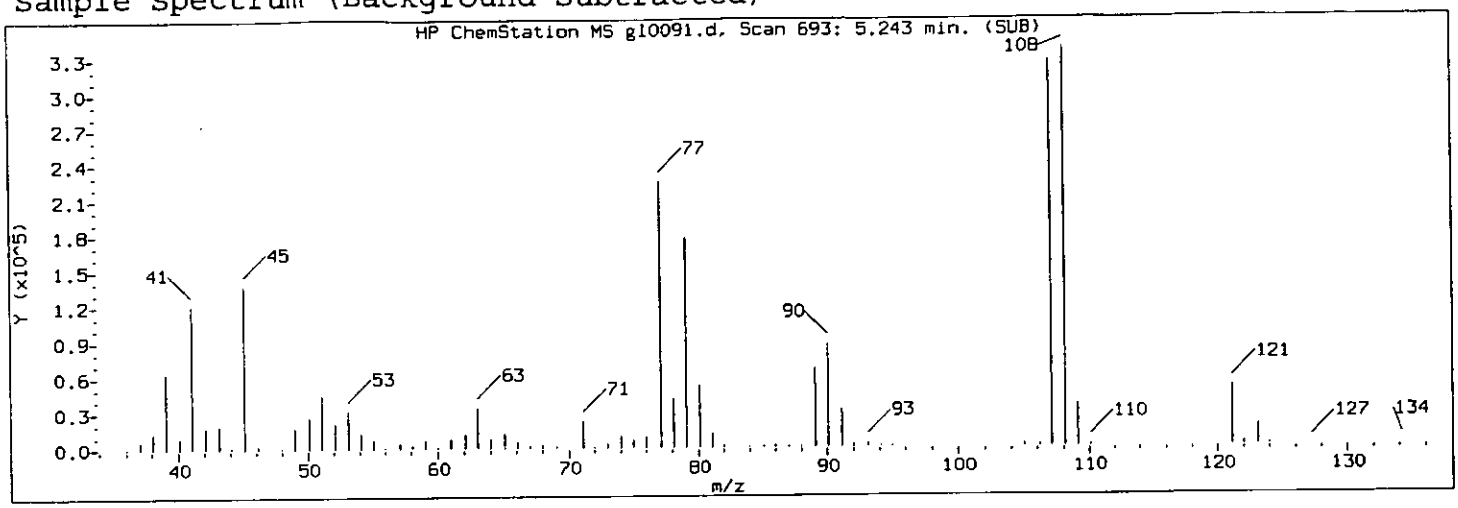
Sample Name: SSTD080 Lab Sample ID: STD3107

Compound Number	: 26
Compound Name	: 2-Methylphenol
Scan Number	: 689
Retention Time (minutes)	: 5.222
Quant Ion	: 108
Area	: 176180
Concentration (ng/ul)	: 34.2823
Integration start scan	: 683 Integration stop scan: 690
Y at integration start	: 0 Y at integration end: 0

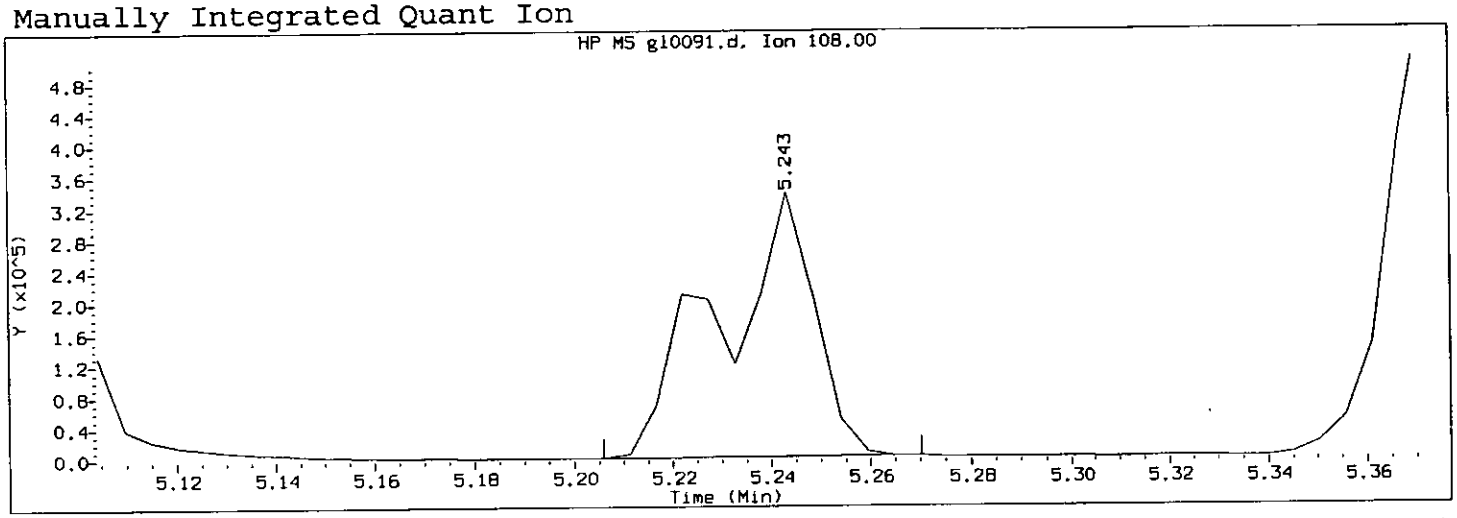
GJM 12/4/07 0590

Original Integration Report for data file /chem/HP11165.i/07dec04a.b/gl0091.d, generated on 12/04/2007 at 18:57

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP11165.i/07dec04a.b/g10091.d Instrument ID: HP11165.i
Injection date and time: 04-DEC-2007 18:33 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07dec04a.b/minti.m Sublist used: all1
Calibration date and time: 04-DEC-2007 18:57
Date, time and analyst ID of latest file update: 04-Dec-2007 18:57 gjd01970

Sample Name: SSTD080 Lab Sample ID: STD3107

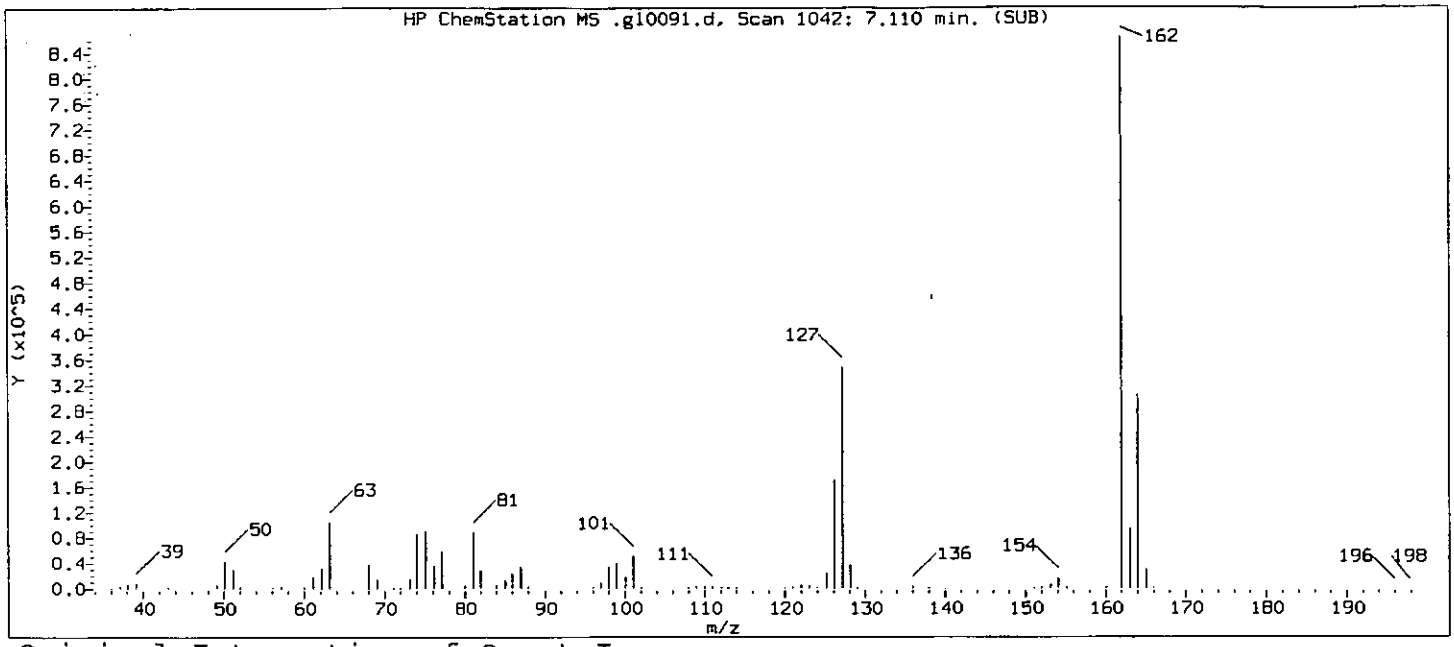
Compound Number : 26
Compound Name : 2-Methylphenol
Scan Number : 693
Retention Time (minutes): 5.243
Quant Ion : 108
Area (flag) : 450635 M
Concentration (ng/ul) : 87.6880
Integration start scan : 685 Integration stop scan: 697
Y at integration start : 865 Y at integration end: 2226

Reason for manual integration (circle one): missed peak improper integration

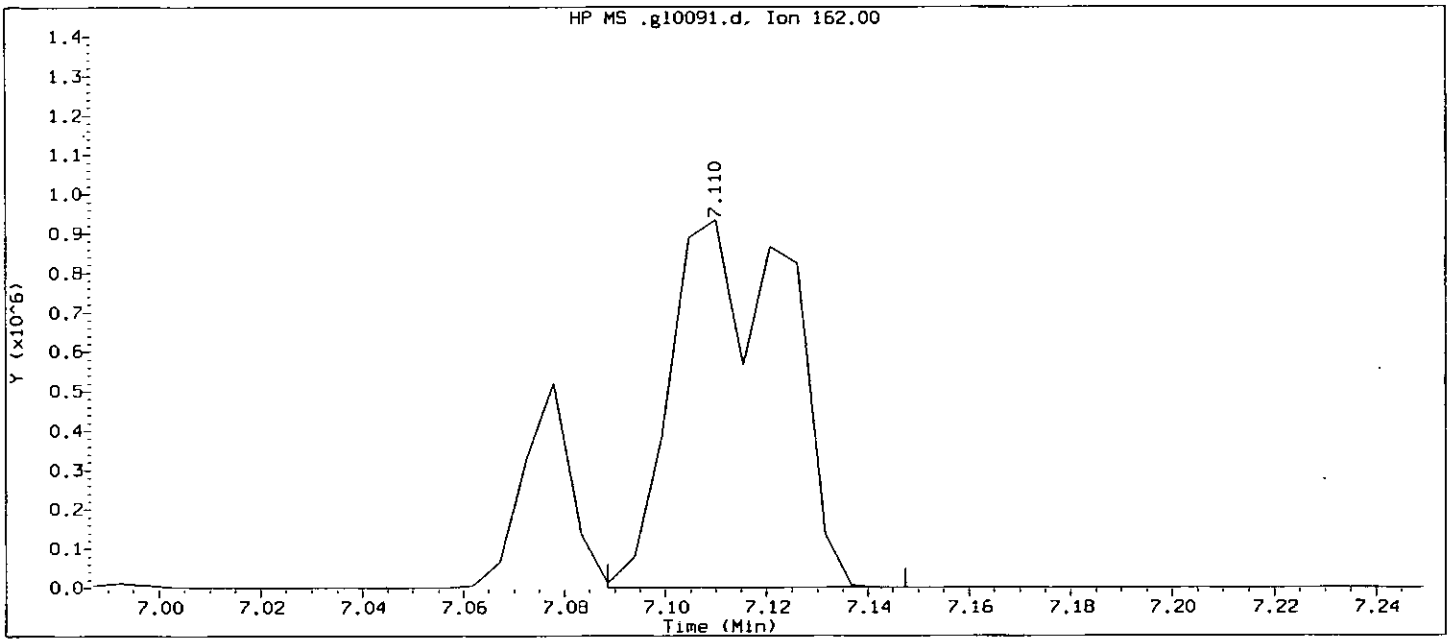
Analyst responsible for change: gjd01970 12/4/07

GC/MS audit/management approval: 12/6/07

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP11165.i/07dec04a.b/gl0091.d Instrument ID: HP11165.i
Injection date and time: 04-DEC-2007 18:33 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07dec04a.b/minti.m Sublist used: all1
Calibration date and time: 04-DEC-2007 18:54
Date, time and analyst ID of latest file update: 04-Dec-2007 18:54 gjd01970

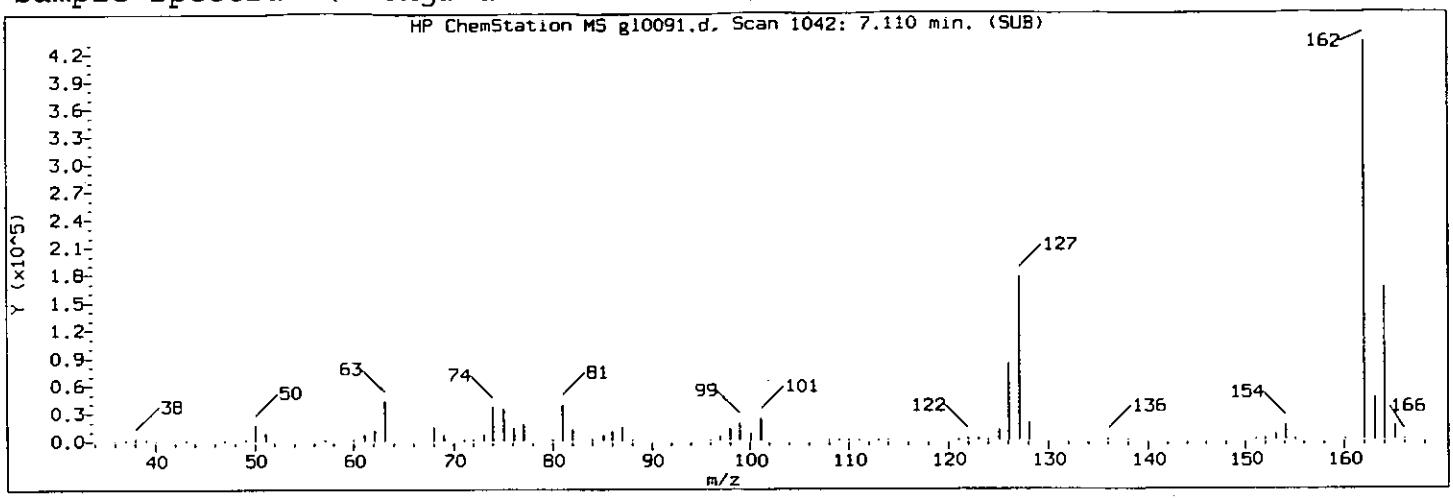
Sample Name: SSTD080 Lab Sample ID: STD3107

Compound Number	:	83
Compound Name	:	2-Chloronaphthalene
Scan Number	:	1042
Retention Time (minutes)	:	7.110
Quant Ion	:	162
Area	:	1504577
Concentration (ng/ul)	:	141.6316
Integration start scan	:	1037 Integration stop scan: 1048
Y at integration start	:	0 Y at integration end: 0

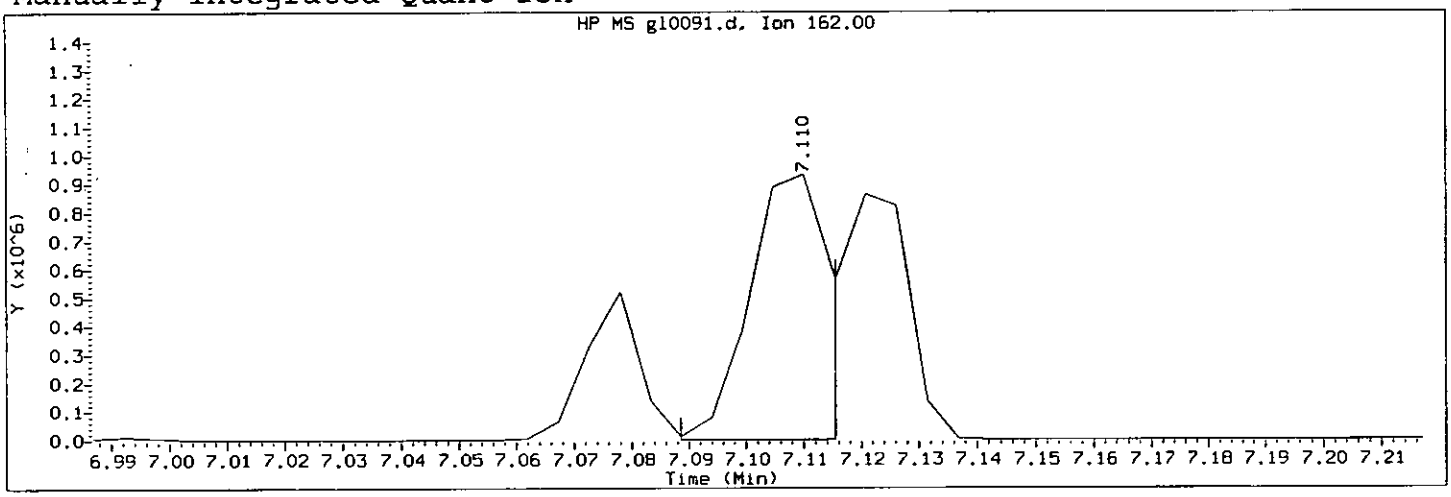
GJD 1976
12/4/17
8592

Original Integration Report for data file /chem/HP11165.i/07dec04a.b/gl0091.d, generated on 12/04/2007 at 18:57

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP11165.i/07dec04a.b/g10091.d Instrument ID: HP11165.i
Injection date and time: 04-DEC-2007 18:33 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07dec04a.b/minti.m Sublist used: all1
Calibration date and time: 04-DEC-2007 18:57
Date, time and analyst ID of latest file update: 04-Dec-2007 18:57 gjd01970

Sample Name: SSTD080 Lab Sample ID: STD3107

Compound Number : 83
Compound Name : 2-Chloronaphthalene
Scan Number : 1042
Retention Time (minutes): 7.110
Quant Ion : 162
Area (flag) : 918970 M
Concentration (ng/ul) : 86.5064
Integration start scan : 1037 Integration stop scan: 1042
Y at integration start : 0 Y at integration end: 0

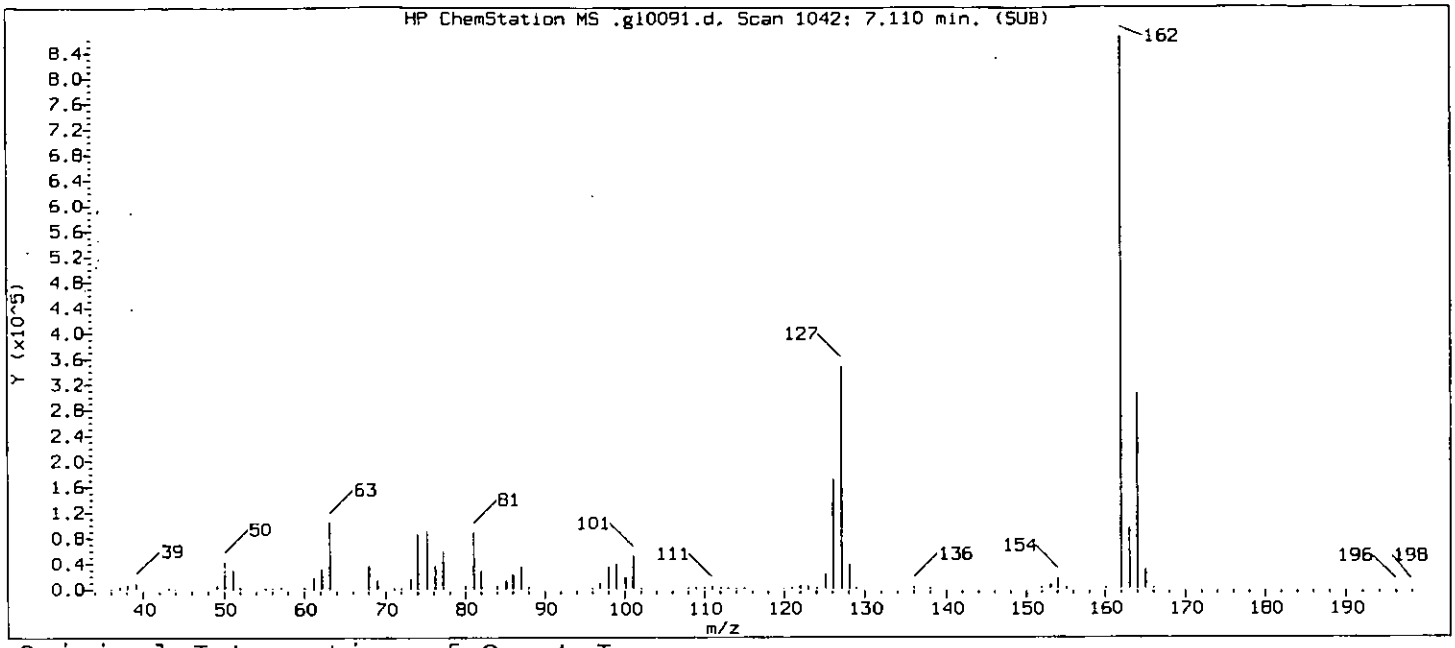
Reason for manual integration (circle one): missed peak improper integration

Analyst responsible for change: 1970 12/4/07

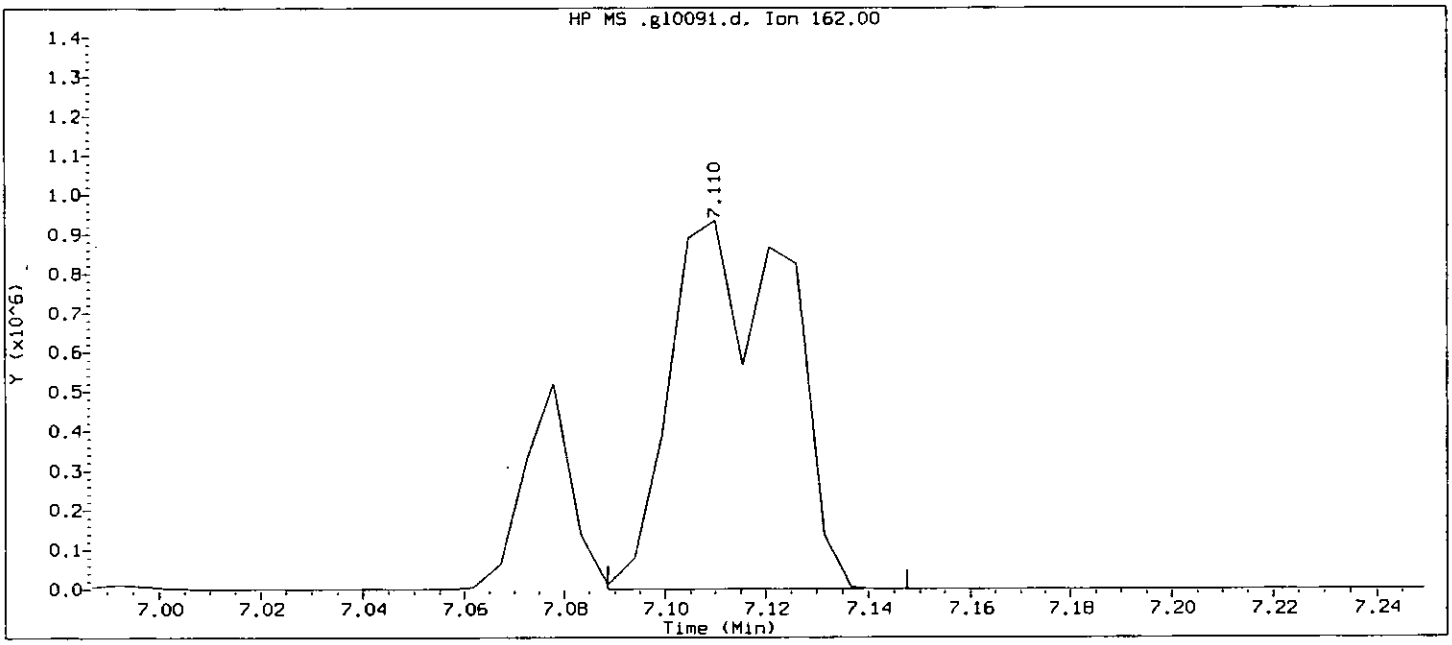
GC/MS audit/management approval: 12/5/07

Manual Integration Report for data file /chem/HP11165.i/07dec04a.b/g10091.d, generated on 12/04/2007 at 18:57

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP11165.i/07dec04a.b/gl0091.d Instrument ID: HP11165.i
Injection date and time: 04-DEC-2007 18:33 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07dec04a.b/minti.m Sublist used: all1
Calibration date and time: 04-DEC-2007 18:54
Date, time and analyst ID of latest file update: 04-Dec-2007 18:54 gjd01970

Sample Name: SSTD080 Lab Sample ID: STD3107

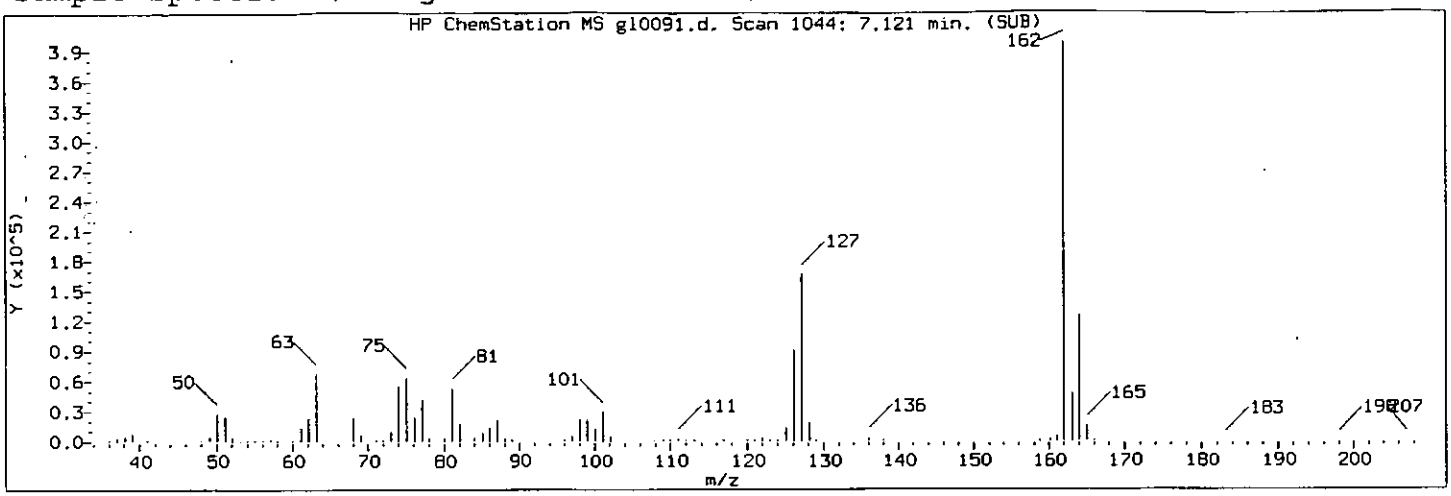
Compound Number : 84
Compound Name : 1-Chloronaphthalene
Scan Number : 1042
Retention Time (minutes): 7.110
Quant Ion : 162
Area : 1504576
Concentration (ng/ul) : 171.1975
Integration start scan : 1037 Integration stop scan: 1048
Y at integration start : 0 Y at integration end: 0

GJD 12/4/07

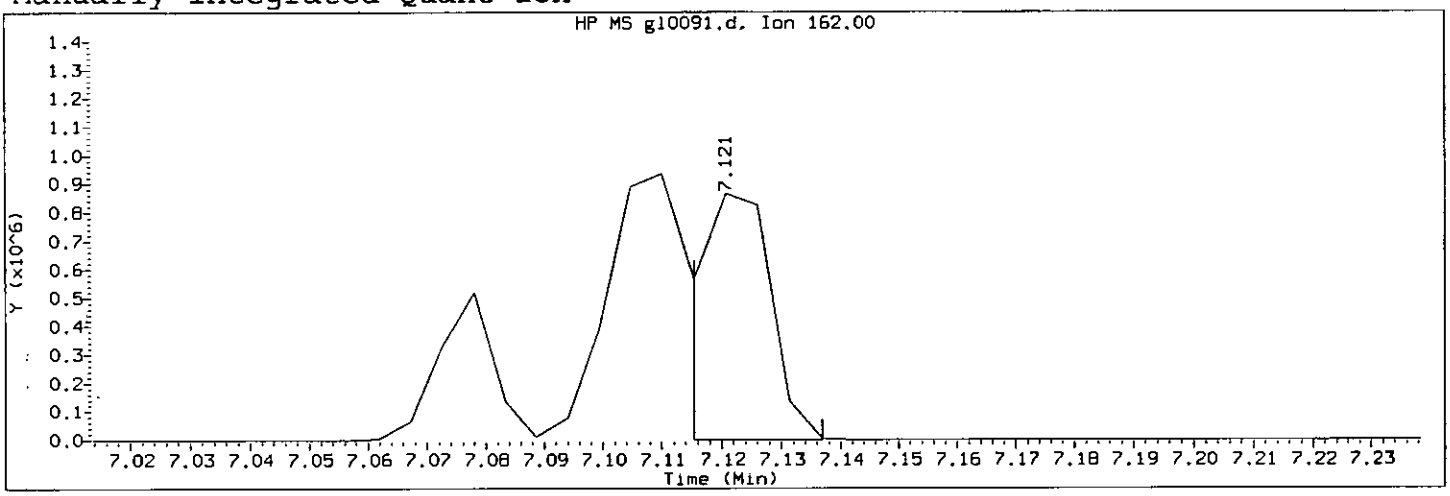
0594

Original Integration Report for data file /chem/HP11165.i/07dec04a.b/gl0091.d, generated on 12/04/2007 at 18:57

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP11165.i/07dec04a.b/gl0091.d Instrument ID: HP11165.i
Injection date and time: 04-DEC-2007 18:33 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07dec04a.b/minti.m Sublist used: all
Calibration date and time: 04-DEC-2007 18:57
Date, time and analyst ID of latest file update: 04-Dec-2007 18:57 gjd01970

Sample Name: SSTD080 Lab Sample ID: STD3107

Compound Number	: 84
Compound Name	: 1-Chloronaphthalene
Scan Number	: 1044
Retention Time (minutes)	: 7.121
Quant Ion	: 162
Area (flag)	: 768314 M
Concentration (ng/ul)	: 87.4225
Integration start scan	: 1042 Integration stop scan: 1046
Y at integration start	: 0 Y at integration end: 0

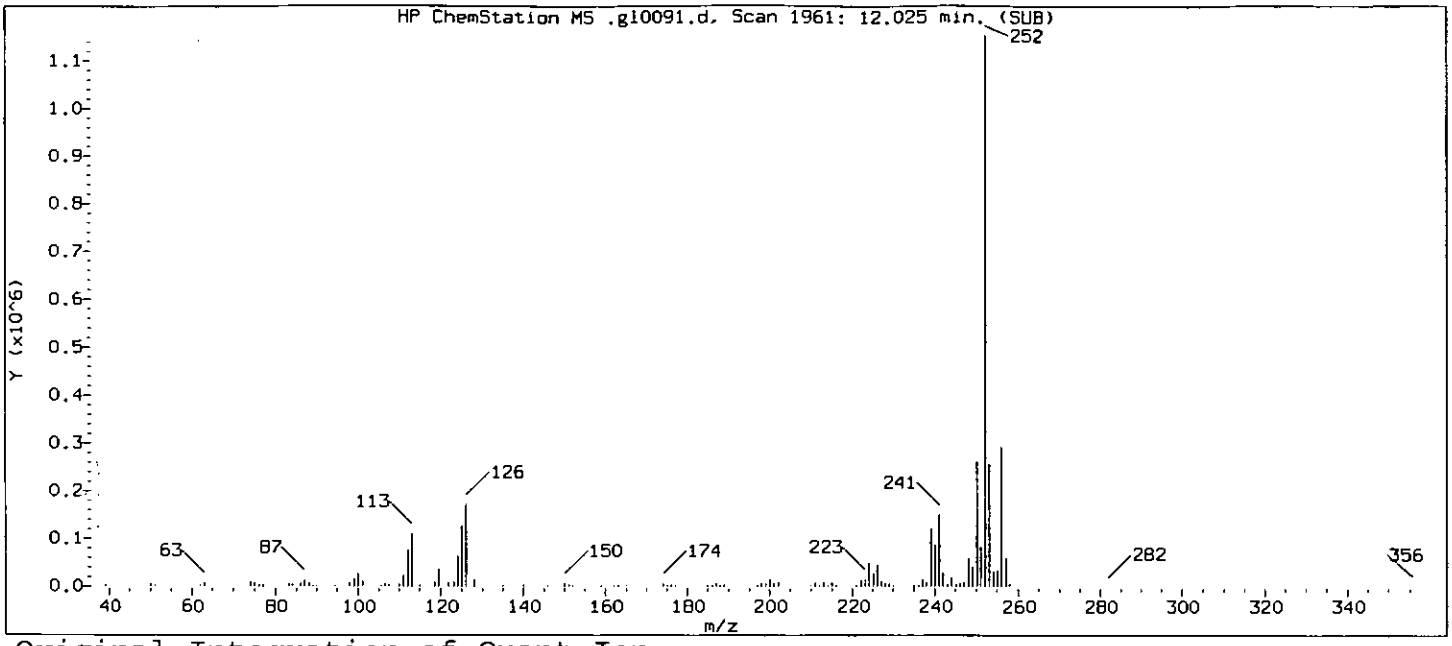
Reason for manual integration (circle one): missed peak improper integration

Analyst responsible for change: [signature] 12/6 12/4/7

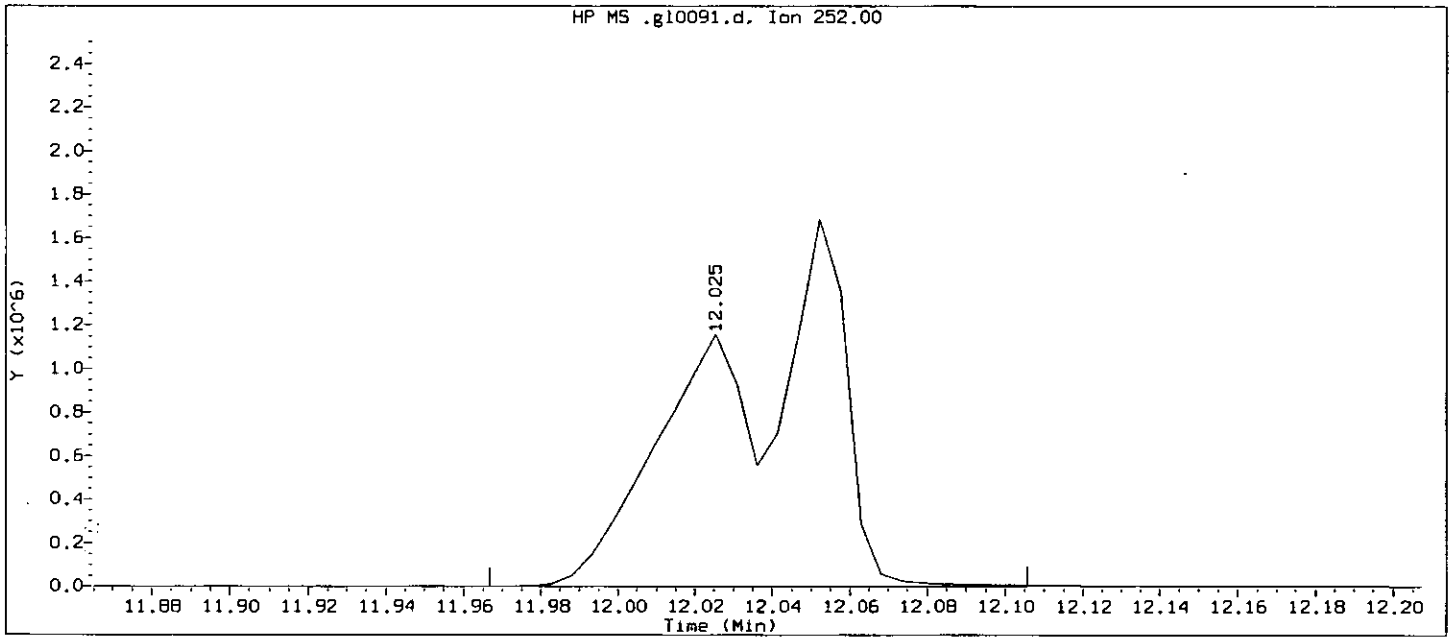
GC/MS audit/management approval: [signature] 12/8/7

Manual Integration Report for data file /chem/HP11165.i/07dec04a.b/gl0091.d, generated on 12/04/2007 at 18:57

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP11165.i/07dec04a.b/gl0091.d Instrument ID: HP11165.i
Injection date and time: 04-DEC-2007 18:33 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07dec04a.b/minti.m Sublist used: all1
Calibration date and time: 04-DEC-2007 18:54
Date, time and analyst ID of latest file update: 04-Dec-2007 18:54 gjd01970

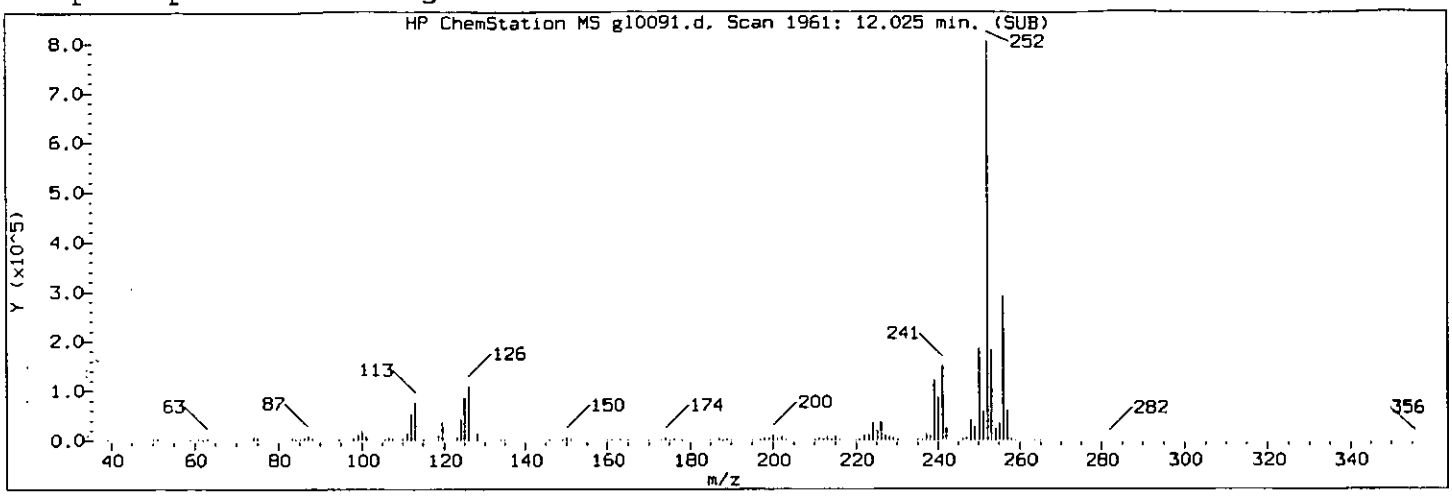
Sample Name: SSTD080 Lab Sample ID: STD3107

Compound Number	:	171
Compound Name	:	Benzo(b)fluoranthene
Scan Number	:	1961
Retention Time (minutes)	:	12.025
Quant Ion	:	252
Area	:	3649766
Concentration (ng/ul)	:	167.1559
Integration start scan	:	1949 Integration stop scan: 1975
Y at integration start	:	0 Y at integration end: 1323

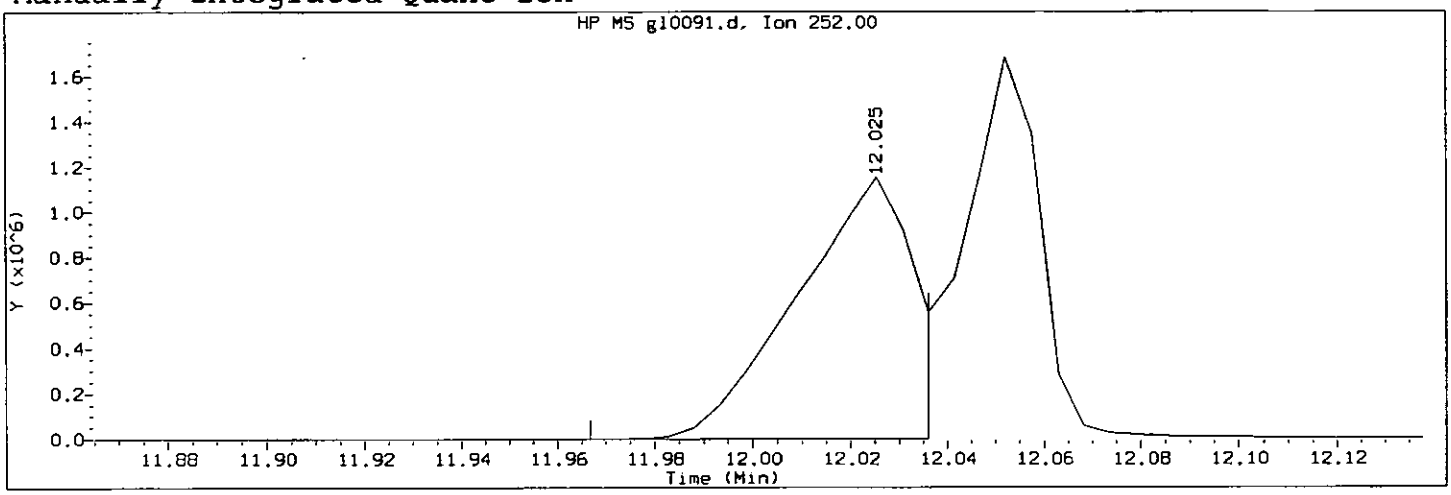
GB 12/4/07
0596

Original Integration Report for data file /chem/HP11165.i/07dec04a.b/gl0091.d, generated on 12/04/2007 at 18:57

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP11165.i/07dec04a.b/g10091.d Instrument ID: HP11165.i
Injection date and time: 04-DEC-2007 18:33 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07dec04a.b/minti.m Sublist used: all1
Calibration date and time: 04-DEC-2007 18:57
Date, time and analyst ID of latest file update: 04-Dec-2007 18:57 gjd01970

Sample Name: SSTD080 Lab Sample ID: STD3107

Compound Number	: 171
Compound Name	: Benzo(b)fluoranthene
Scan Number	: 1961
Retention Time (minutes)	: 12.025
Quant Ion	: 252
Area (flag)	: 1938938 M
Concentration (ng/ul)	: 88.8017
Integration start scan	: 1949 Integration stop scan: 1962
Y at integration start	: 0 Y at integration end: 661

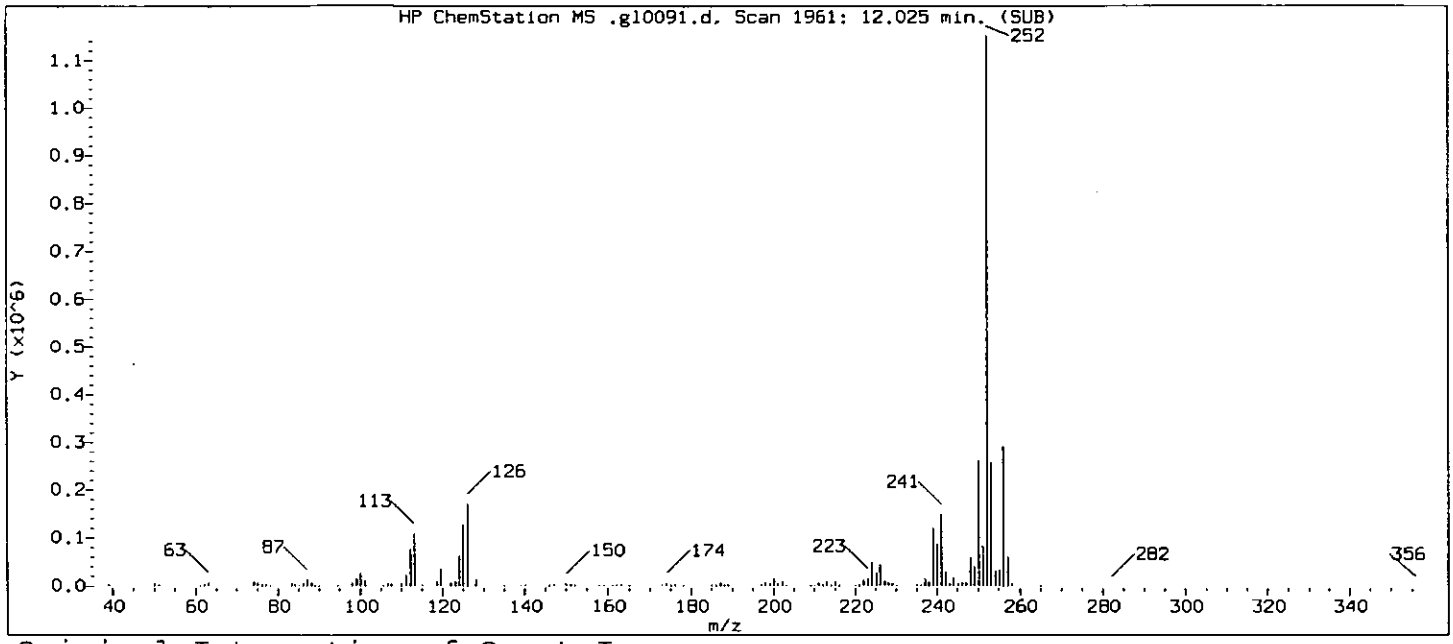
Reason for manual integration (circle one): missed peak (improper integration)

Analyst responsible for change: 1970 12/4/7

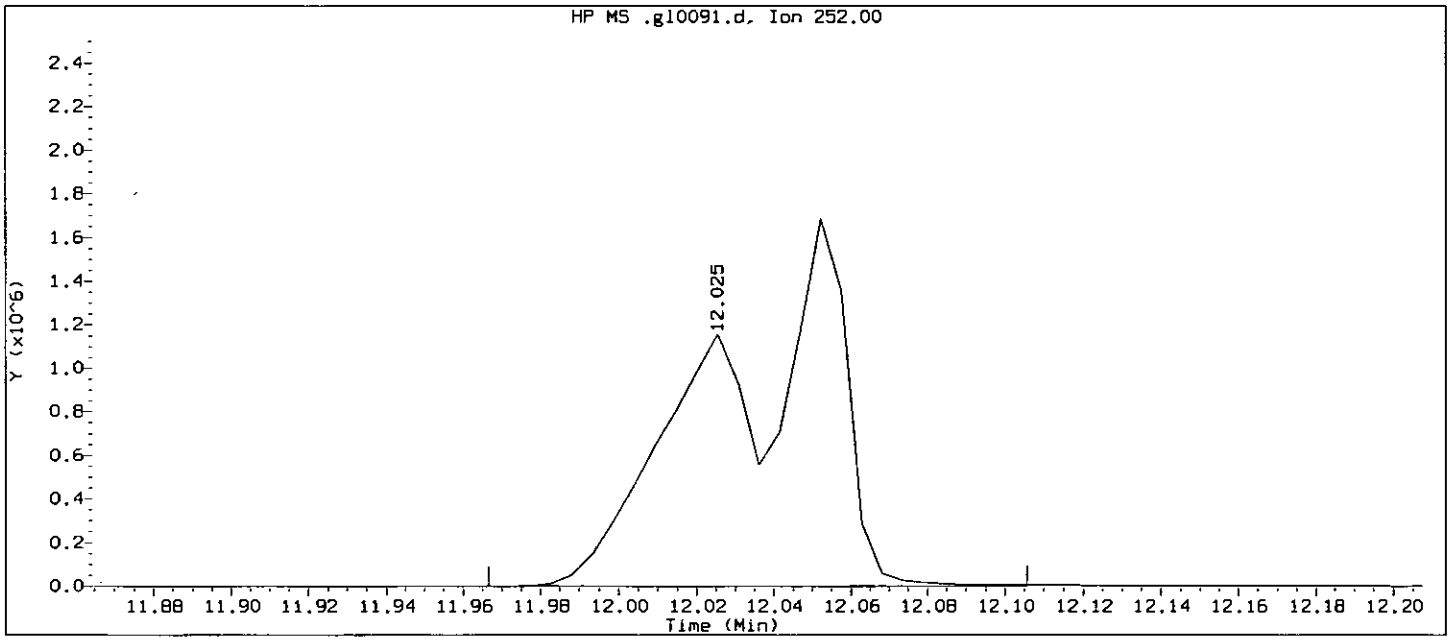
GC/MS audit/management approval:

Manual Integration Report for data file /chem/HP11165.i/07dec04a.b/g10091.d, generated on 12/04/2007 at 18:57

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP11165.i/07dec04a.b/gl0091.d Instrument ID: HP11165.i
Injection date and time: 04-DEC-2007 18:33 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07dec04a.b/minti.m Sublist used: all1
Calibration date and time: 04-DEC-2007 18:54
Date, time and analyst ID of latest file update: 04-Dec-2007 18:54 gjd01970

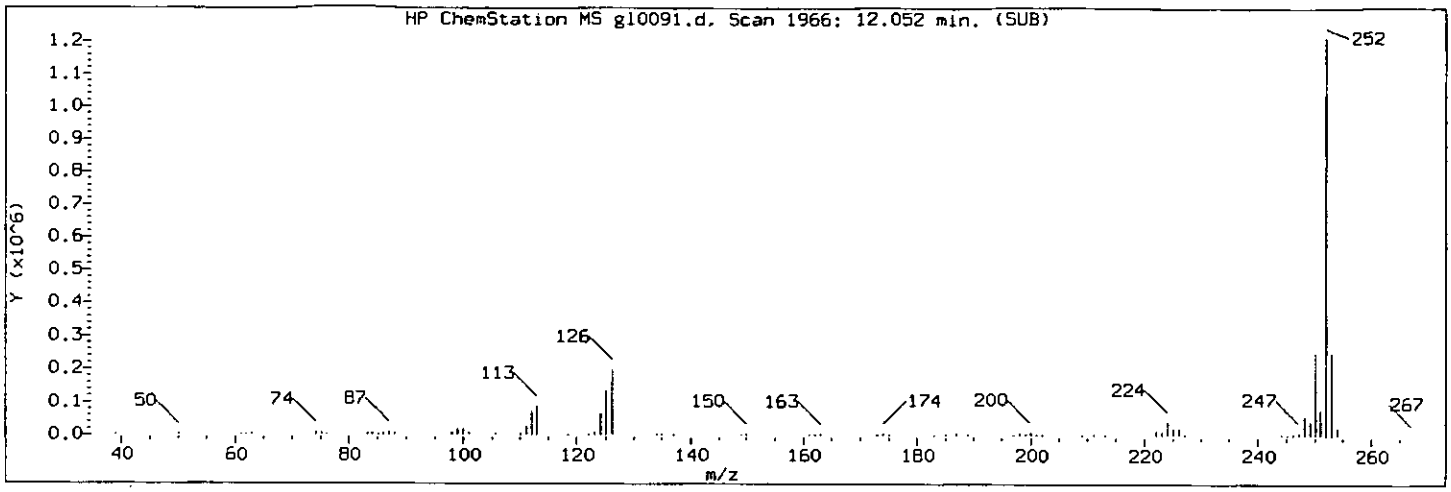
Sample Name: SSTD080 Lab Sample ID: STD3107

Compound Number	:	172
Compound Name	:	Benzo(k)fluoranthene
Scan Number	:	1961
Retention Time (minutes)	:	12.025
Quant Ion	:	252
Area	:	3649766
Concentration (ng/ul)	:	158.8282
Integration start scan	:	1949 Integration stop scan: 1975
Y at integration start	:	0 Y at integration end: 1323

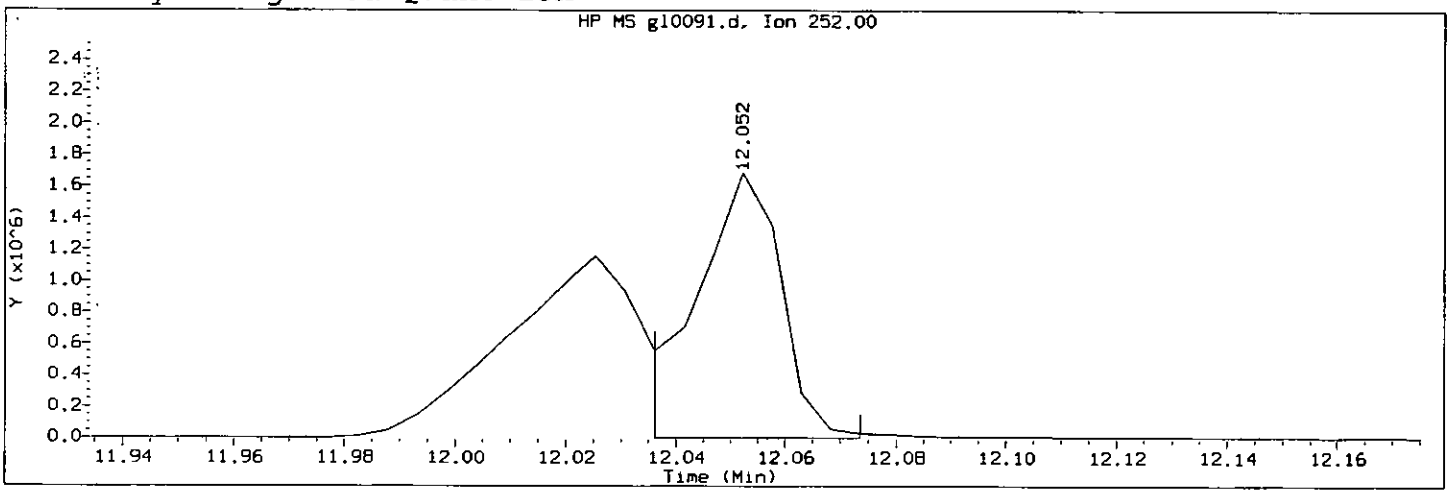
GJD1970
12/4/07
0598

Original Integration Report for data file /chem/HP11165.i/07dec04a.b/gl0091.d, generated on 12/04/2007 at 18:57

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP11165.i/07dec04a.b/g10091.d Instrument ID: HP11165.i
Injection date and time: 04-DEC-2007 18:33 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07dec04a.b/minti.m Sublist used: all1
Calibration date and time: 04-DEC-2007 18:57
Date, time and analyst ID of latest file update: 04-Dec-2007 18:57 gjd01970

Sample Name: SSTD080 Lab Sample ID: STD3107

Compound Number	: 172	
Compound Name	: Benzo(k)fluoranthene	
Scan Number	: 1966	
Retention Time (minutes)	: 12.052	
Quant Ion	: 252	
Area (flag)	: 1869690 M	
Concentration (ng/ul)	: 81.3641	
Integration start scan	: 1962	Integration stop scan: 1969
Y at integration start	: 1734	Y at integration end: 1734

Reason for manual integration (circle one): missed peak (improper integration)

Analyst responsible for change: 1970 12/4/07

GC/MS audit/management approval: 12/6

Manual Integration Report for data file /chem/HP11165.i/07dec04a.b/g10091.d, generated on 12/04/2007 at 18:57

Raw QC Data

Data File: /chem/HP11165.i/07nov15a.b/gk0610.d

Date : 15-NOV-2007 16:40

Client ID: 8270DFTPP2797

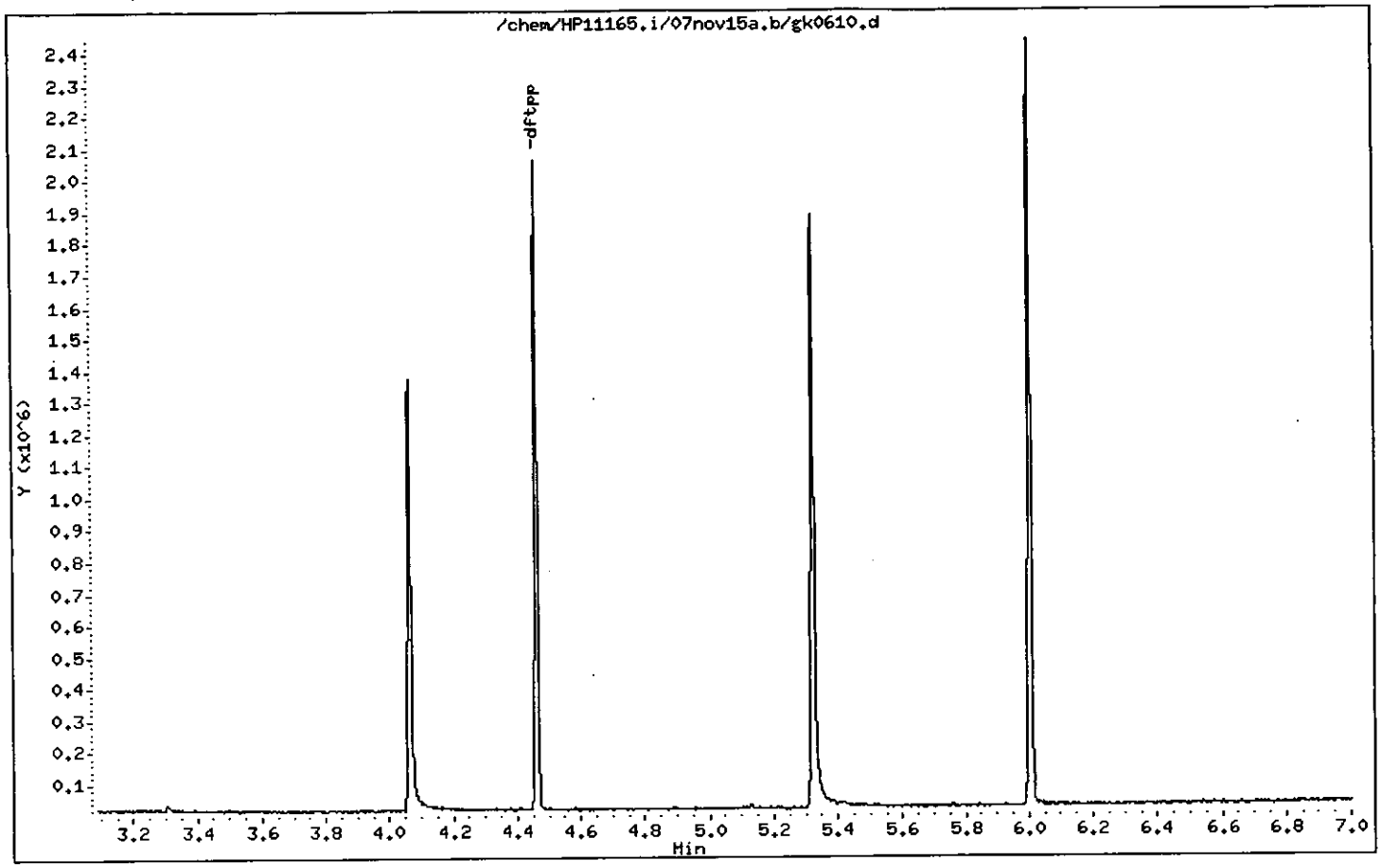
Instrument: HP11165.i

Sample Info: 8270DFTPP2797;50NG/UL;

Operator: gjd01970

Column phase: DB-5MS

Column diameter: 0.18



Data File: /chem/HP11165.i/07nov15a.b/gk0610.d

Date : 15-NOV-2007 16:40

Client ID: 8270DFTPP2797

Instrument: HP11165.i

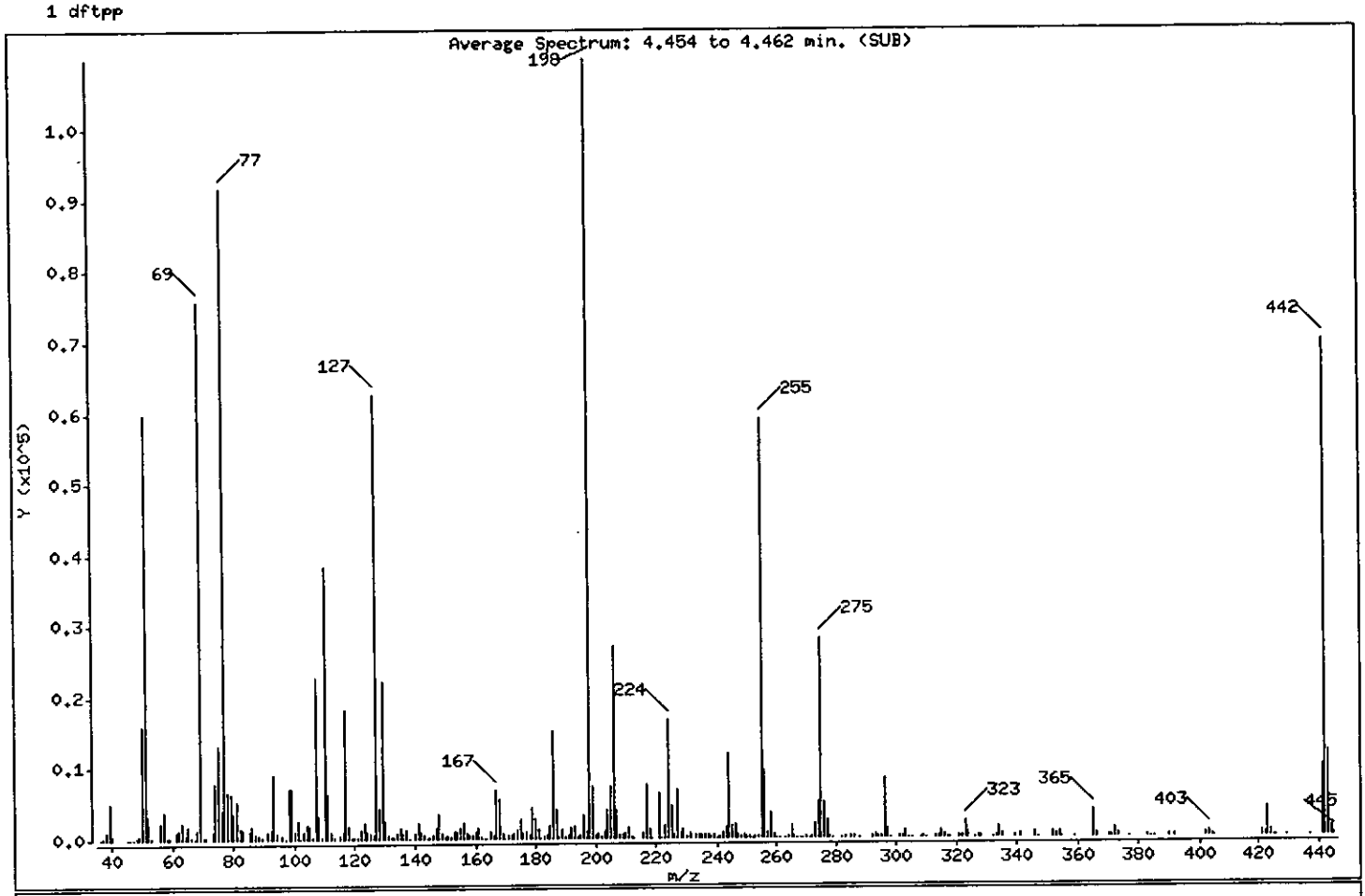
Sample Info: 8270DFTPP2797;50NG/UL;

Operator: gjd01970

Column phase: DB-5MS

Column diameter: 0.18

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	54.52
68	Less than 2.00% of mass 69	1.04 (1.50)
69	Mass 69 relative abundance	69.04
70	Less than 2.00% of mass 69	0.34 (0.49)
127	40.00 - 60.00% of mass 198	57.03
197	Less than 1.00% of mass 198	0.81
199	5.00 - 9.00% of mass 198	6.78
275	10.00 - 30.00% of mass 198	25.48
365	Greater than 1.00% of mass 198	3.52
441	Present, but less than mass 443	9.02
442	40.00 - 99.99% of mass 198	63.59
443	17.00 - 23.00% of mass 442	10.83 (17.04)

0602

Data File: /chem/HP11165.i/07nov15a.b/gk0610.d

Date : 15-NOV-2007 16:40

Client ID: 8270DFTPP2797

Instrument: HP11165.i

Sample Info: 8270DFTPP2797;50NG/UL;

Operator: gjd01970

Column phase: DB-5MS

Column diameter: 0.18

Data File: gk0610.d

Spectrum: Average Spectrum: 4.454 to 4.462 min. (SUB)

Location of Maximum: 198.00

Number of points: 301

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	73	124.00	1024	201.00	770	285.00	349
37.00	201	125.00	849	202.00	165	286.00	185
38.00	974	126.00	470	203.00	1058	288.00	40
39.00	5054	127.00	62688	204.00	4121	292.00	271
40.00	406	128.00	4312	205.00	7351	293.00	625
45.00	34	129.00	22240	206.00	27136	294.00	153
46.00	111	130.00	2574	207.00	4018	295.00	191
47.00	68	131.00	505	208.00	455	296.00	8411
48.00	161	132.00	223	209.00	426	297.00	1313
49.00	457	133.00	165	210.00	815	298.00	114
50.00	16000	134.00	869	211.00	1580	301.00	139
51.00	59936	135.00	1546	212.00	320	302.00	202
52.00	3213	136.00	881	213.00	42	303.00	937
53.00	351	137.00	1352	216.00	763	304.00	100
56.00	2169	138.00	100	217.00	7563	305.00	98
57.00	3808	140.00	673	218.00	1284	308.00	61
58.00	232	141.00	2286	219.00	74	309.00	283
59.00	281	142.00	1064	221.00	6240	310.00	70
61.00	1000	143.00	533	222.00	48	313.00	202
62.00	1346	144.00	42	223.00	1730	314.00	346
63.00	2367	145.00	280	224.00	16568	315.00	903
64.00	429	146.00	631	225.00	4554	316.00	538
65.00	1833	147.00	1626	226.00	506	317.00	105
66.00	190	148.00	3493	227.00	6912	318.00	57
67.00	16	149.00	717	228.00	829	321.00	325
68.00	1138	150.00	160	229.00	1185	322.00	160
69.00	75896	151.00	563	230.00	288	323.00	2155
70.00	371	152.00	248	231.00	774	324.00	698
71.00	172	153.00	1039	233.00	469	326.00	77
73.00	1117	154.00	956	234.00	549	327.00	357
74.00	7891	155.00	1568	235.00	530	328.00	308
75.00	13115	156.00	2367	236.00	456	332.00	105
76.00	4135	157.00	639	237.00	492	333.00	206
77.00	91664	158.00	466	238.00	286	334.00	1485
78.00	6644	159.00	511	239.00	381	335.00	574

Data File: /chem/HP11165.i/07nov15a.b/gk0610.d

Date : 15-NOV-2007 16:40

Client ID: 8270DFTPP2797

Instrument: HP11165.i

Sample Info: 8270DFTPP2797;50NG/UL;

Operator: gjd01970

Column phase: DB-5MS

Column diameter: 0.18

Data File: gk0610.d

Spectrum: Average Spectrum: 4.454 to 4.462 min. (SUB)

Location of Maximum: 198.00

Number of points: 301

m/z	Y	m/z	Y	m/z	Y	m/z	Y
79.00	6296	160.00	931	240.00	111	339.00	216
80.00	3580	161.00	1400	241.00	290	341.00	431
81.00	5258	162.00	302	242.00	638	346.00	633
82.00	1406	163.00	123	243.00	1397	347.00	81
83.00	1380	164.00	122	244.00	11914	352.00	756
85.00	1026	165.00	1082	245.00	1663	353.00	456
86.00	1744	166.00	605	246.00	2112	354.00	739
87.00	721	167.00	6869	247.00	446	355.00	98
88.00	436	168.00	5554	248.00	130	359.00	68
89.00	167	169.00	865	249.00	466	365.00	3871
91.00	1077	170.00	58	250.00	162	366.00	512
92.00	1158	171.00	396	251.00	197	370.00	140
93.00	9059	172.00	452	252.00	120	371.00	201
94.00	793	173.00	846	253.00	322	372.00	1364
96.00	612	174.00	1269	254.00	325	373.00	386
97.00	4	175.00	2845	255.00	59256	377.00	39
98.00	7019	176.00	787	256.00	9535	383.00	259
99.00	7037	177.00	1022	257.00	792	384.00	85
100.00	1035	178.00	457	258.00	3557	385.00	48
101.00	2650	179.00	4318	259.00	523	390.00	211
102.00	38	180.00	2743	260.00	103	392.00	168
103.00	1013	181.00	1266	261.00	55	402.00	598
104.00	2085	182.00	113	263.00	38	403.00	755
105.00	1880	183.00	182	264.00	271	404.00	182
106.00	159	184.00	601	265.00	1808	405.00	47
107.00	22760	185.00	1840	266.00	285	421.00	803
108.00	3401	186.00	15109	267.00	81	422.00	616
109.00	296	187.00	4084	268.00	98	423.00	4049
110.00	38296	188.00	358	269.00	64	424.00	838
111.00	6248	189.00	1169	270.00	139	425.00	47
112.00	1073	190.00	178	271.00	61	426.00	39
113.00	349	191.00	574	272.00	338	429.00	110
115.00	406	192.00	1475	273.00	2063	437.00	44
116.00	900	193.00	1714	274.00	5152	441.00	9921
117.00	18104	194.00	312	275.00	28008	442.00	69904

Data File: /chem/HP11165.i/07nov15a.b/gk0610.d

Date : 15-NOV-2007 16:40

Client ID: 8270DFTPP2797

Instrument: HP11165.i

Sample Info: 8270DFTPP2797;50NG/UL;

Operator: gjd01970

Column phase: DB-5MS

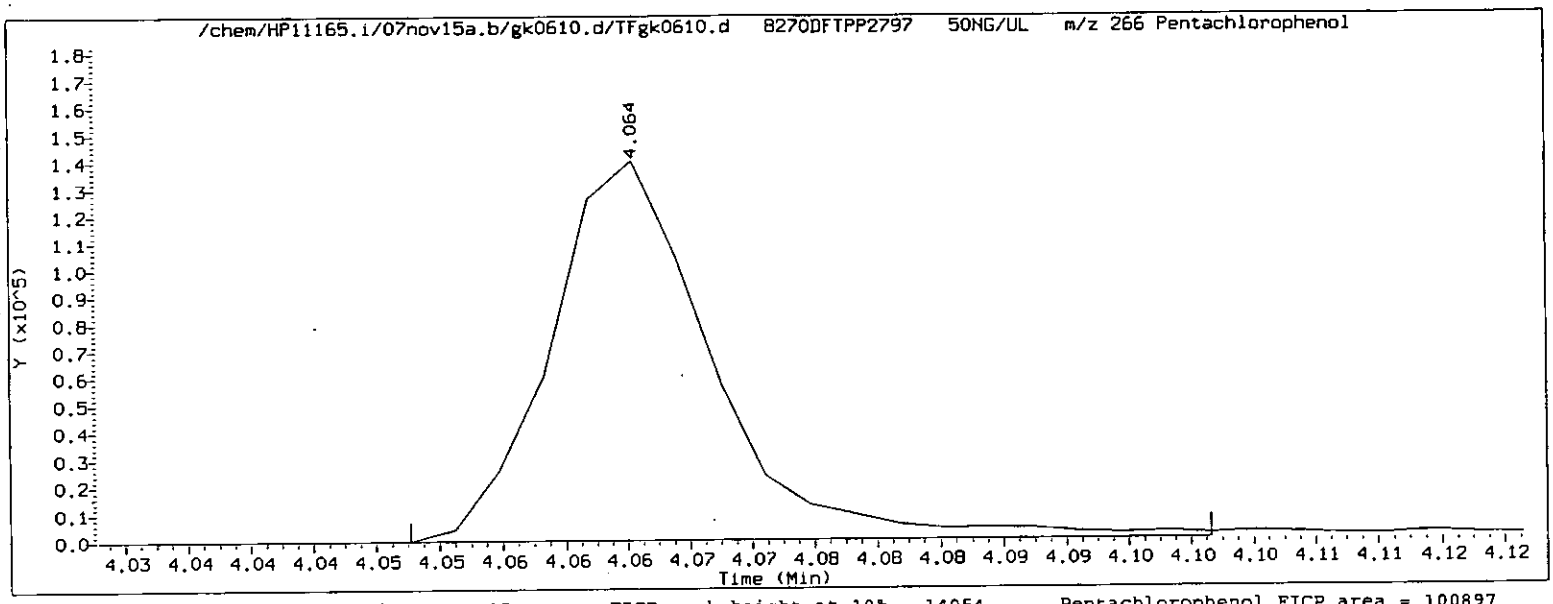
Column diameter: 0.18

Data File: gk0610.d
Spectrum: Average Spectrum: 4.454 to 4.462 min. (SUB)
Location of Maximum: 198.00
Number of points: 301

m/z	Y	m/z	Y	m/z	Y	m/z	Y
118.00	1808	195.00	399	276.00	5030	443.00	11910
119.00	329	196.00	3224	277.00	2637	444.00	1302
120.00	301	197.00	891	278.00	238	445.00	141
121.00	152	198.00	109928	279.00	41		
122.00	1231	199.00	7450	282.00	95		
123.00	2173	200.00	567	283.00	342		

Assessment of GC Column Performance and Injection Port Inertness for

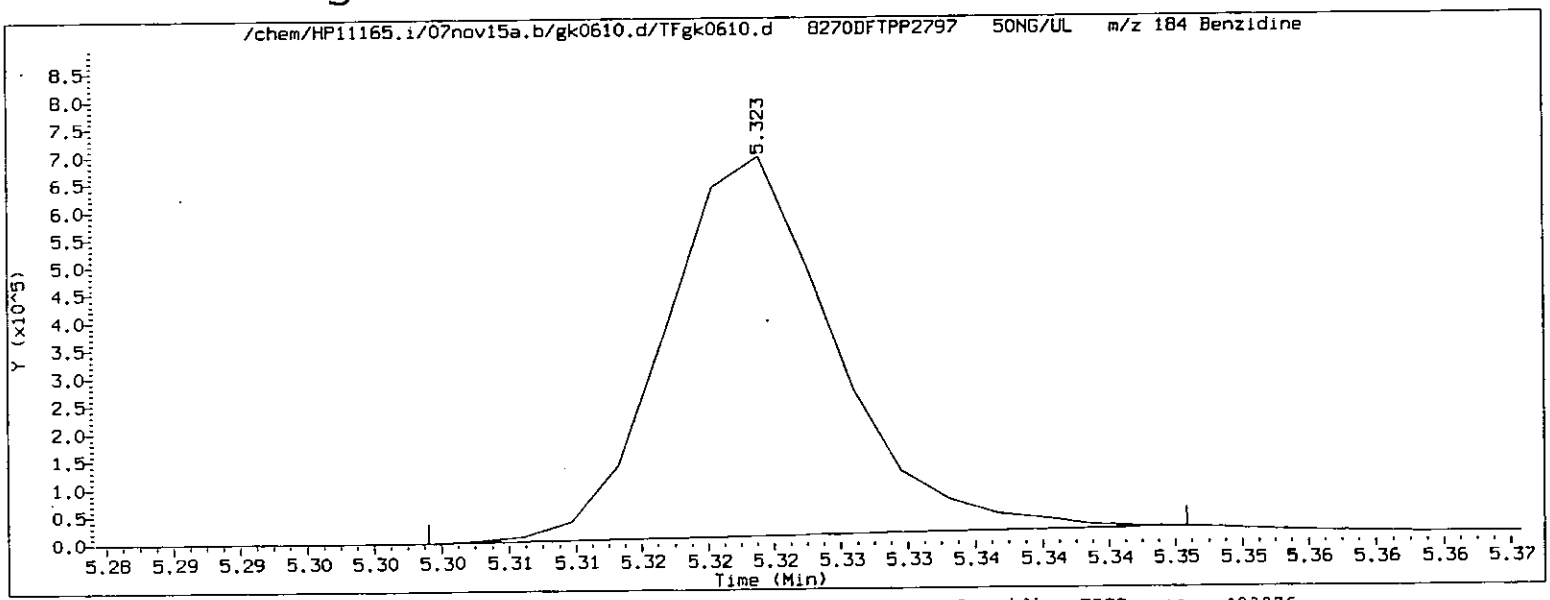
Instrument ID: HP11165.i Injection Date: 15-NOV-2007 16:40 Operator: gjd01970



Pentachlorophenol EICP peak height = 140544 EICP peak height at 10% = 14054 Pentachlorophenol EICP area = 100897

Pentachlorophenol EICP peak apex (min.) = 4.064
RT at 10% of front half of EICP (min.) = 4.054 'Front' peak width (min.) = 0.0100000000
RT at 10% of back half of EICP (min.) = 4.075 'Tailing' peak width (min.) = 0.0109666667

$$\text{PCP tailing factor} = \frac{\text{'Tailing' peak width (min.)}}{\text{'Front' peak width (min.)}} = \frac{0.0109666667}{0.0100000000} = 1.097$$



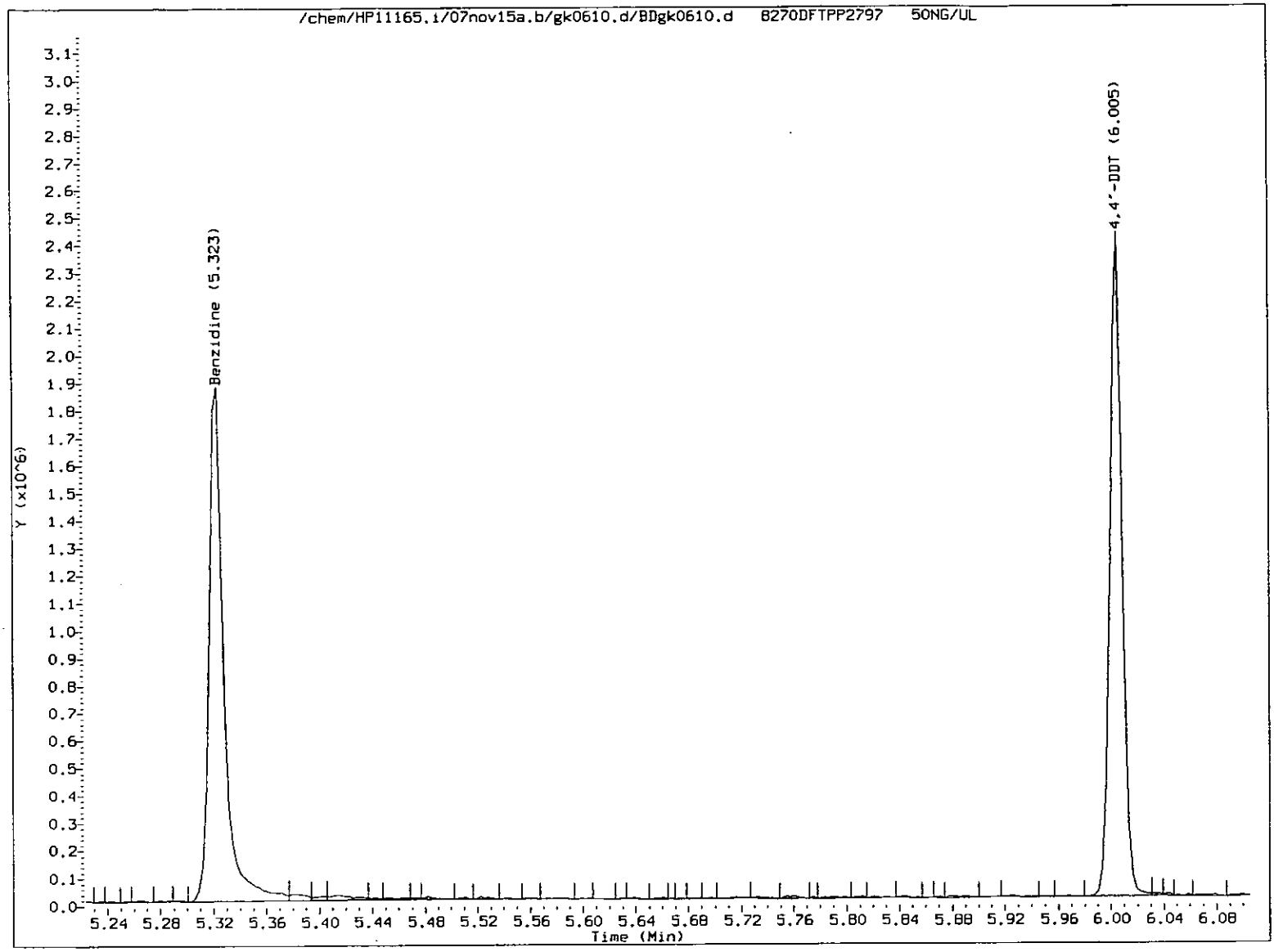
Benzidine EICP peak height = 684872 EICP peak height at 10% = 68487 Benzidine EICP area = 483876

Benzidine EICP peak apex (min.) = 5.323
RT at 10% of front half of EICP (min.) = 5.313 'Front' peak width (min.) = 0.0102166667
RT at 10% of back half of EICP (min.) = 5.334 'Tailing' peak width (min.) = 0.0111000000

$$\text{Benzidine tailing factor} = \frac{\text{'Tailing' peak width (min.)}}{\text{'Front' peak width (min.)}} = \frac{0.0111000000}{0.0102166667} = 1.086$$

Assessment of GC Column Performance and Injection Port Inertness for

Instrument ID: HP11165.i Injection Date: 15-NOV-2007 16:40 Operator: gjd01970



$$\% \text{ 4,4'-DDT breakdown} = \frac{\text{4,4'-DDE TIC area + 4,4'-DDD TIC area}}{\text{4,4'-DDE TIC area + 4,4'-DDD TIC area + 4,4'-DDT TIC area}} \times 100$$

$$\% \text{ 4,4'-DDT breakdown} = \frac{0 + 0}{0 + 0 + 1558246} \times 100 = 0.0$$

8607

Data File: /chem/HP11165.i/07dec04a.b/g10090.d

Date : 04-DEC-2007 18:18

Client ID: 8270DFTPP3247

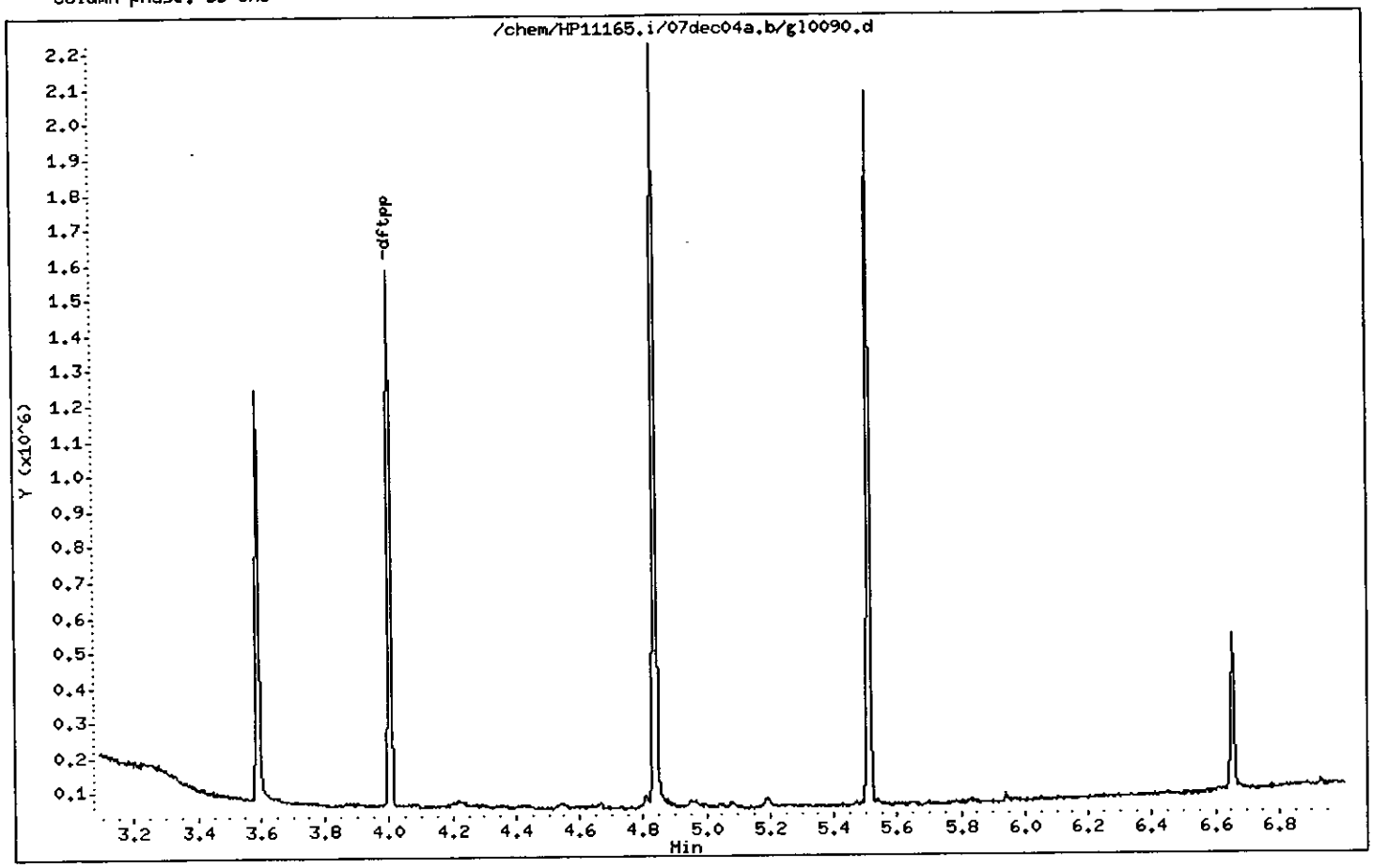
Instrument: HP11165.i

Sample Info: 8270DFTPP3247;50NG/UL;

Operator: gjd01970

Column phase: DB-5MS

Column diameter: 0.18



Data File: /chem/HP11165.i/07dec04a.b/gl0090.d

Date : 04-DEC-2007 18:18

Client ID: 8270DFTPP3247

Instrument: HP11165.i

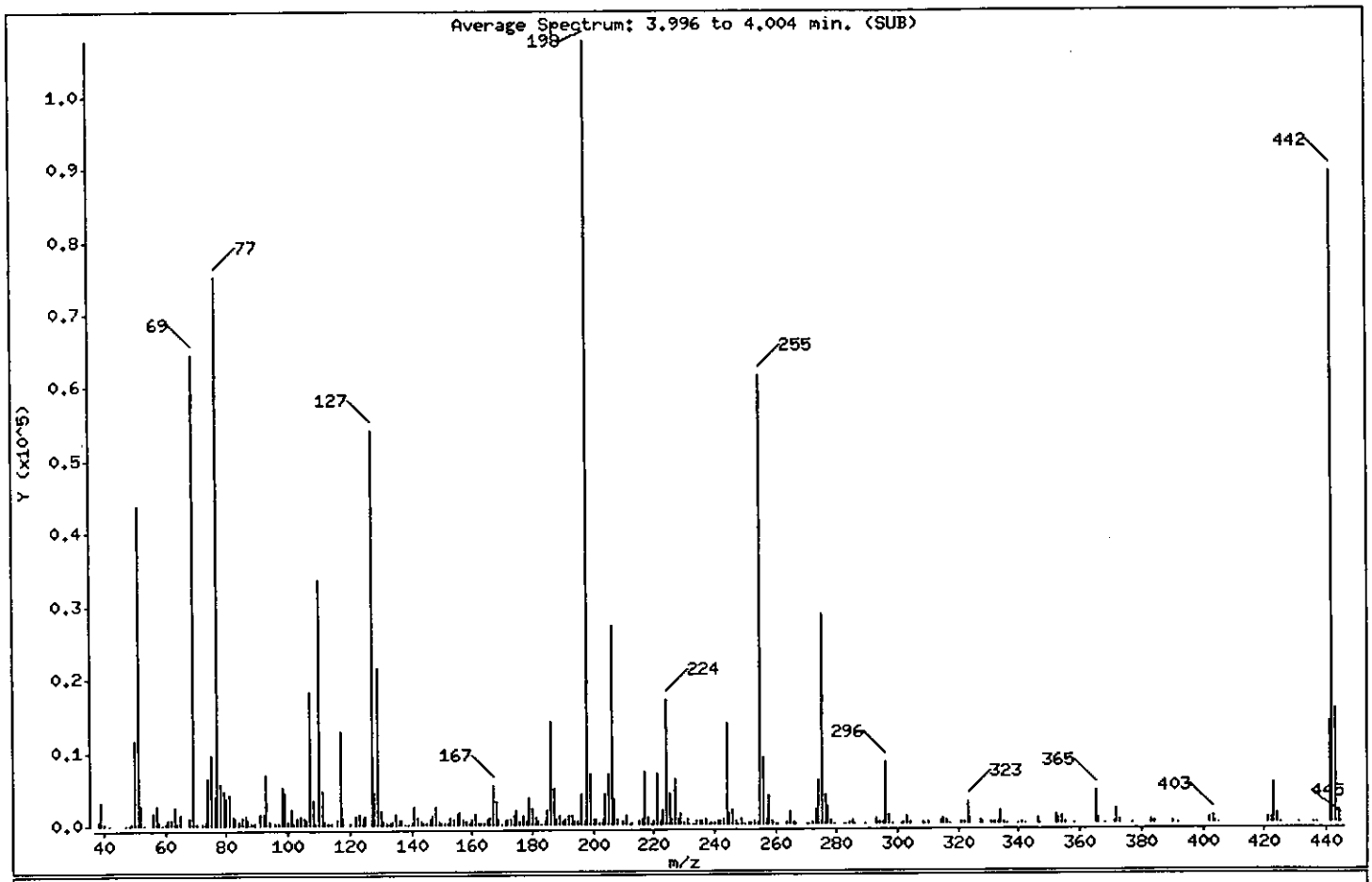
Sample Info: 8270DFTPP3247;50NG/UL;

Operator: gjd01970

Column phase: DB-5MS

Column diameter: 0.18

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	40.72
68	Less than 2.00% of mass 69	0.91 (1.52)
69	Mass 69 relative abundance	59.93
70	Less than 2.00% of mass 69	0.26 (0.44)
127	40.00 - 60.00% of mass 198	50.29
197	Less than 1.00% of mass 198	0.49
199	5.00 - 9.00% of mass 198	6.49
275	10.00 - 30.00% of mass 198	26.76
365	Greater than 1.00% of mass 198	4.07
441	Present, but less than mass 443	12.88
442	40.00 - 99.99% of mass 198	83.09
443	17.00 - 23.00% of mass 442	14.51 (17.46)

Data File: /chem/HP11165.i/07dec04a.b/gl0090.d

Date : 04-DEC-2007 18:18

Client ID: 8270DFTPP3247 Instrument: HP11165.i

Sample Info: 8270DFTPP3247;50NG/UL;

Operator: gjd01970

Column phase: DB-5MS Column diameter: 0.18

Data File: gl0090.d

Spectrum: Average Spectrum: 3.996 to 4.004 min. (SUB)

Location of Maximum: 198.00

Number of points: 293

m/z	Y	m/z	Y	m/z	Y	m/z	Y
38.00	483	128.00	4484	202.00	144	284.00	330
39.00	3270	129.00	21408	203.00	783	285.00	383
40.00	213	130.00	1986	204.00	4240	286.00	117
42.00	121	131.00	497	205.00	6963	289.00	120
47.00	49	132.00	315	206.00	27288	293.00	802
48.00	95	133.00	145	207.00	3471	294.00	276
49.00	298	134.00	606	208.00	753	295.00	131
50.00	11532	135.00	1605	210.00	570	296.00	8372
51.00	43816	136.00	721	211.00	1226	297.00	1253
52.00	2832	137.00	830	212.00	110	298.00	111
53.00	109	138.00	21	213.00	127	301.00	38
56.00	1718	139.00	51	215.00	575	302.00	214
57.00	2810	140.00	184	216.00	825	303.00	1028
58.00	461	141.00	2452	217.00	7073	304.00	279
59.00	44	142.00	1113	218.00	923	308.00	219
60.00	175	143.00	507	219.00	71	309.00	79
61.00	793	144.00	198	220.00	529	310.00	184
62.00	700	145.00	164	221.00	7012	314.00	457
63.00	2491	146.00	753	222.00	534	315.00	708
64.00	213	147.00	1320	223.00	1945	316.00	550
65.00	1596	148.00	2543	224.00	17040	317.00	73
68.00	983	149.00	463	225.00	4206	321.00	275
69.00	64480	150.00	299	226.00	747	322.00	158
70.00	284	151.00	362	227.00	6103	323.00	2894
72.00	274	152.00	273	228.00	810	324.00	857
73.00	596	153.00	923	229.00	1426	327.00	564
74.00	6438	154.00	688	230.00	280	328.00	209
75.00	9730	155.00	1547	231.00	741	331.00	141
76.00	4038	156.00	1837	232.00	58	332.00	355
77.00	75192	157.00	765	233.00	46	333.00	295
78.00	5590	158.00	463	234.00	478	334.00	1637
79.00	4675	159.00	285	235.00	517	335.00	309
80.00	3600	160.00	781	236.00	426	336.00	96
81.00	4299	161.00	1467	237.00	620	340.00	123
82.00	1303	162.00	200	238.00	48	341.00	225

Data File: /chem/HP11165.i/07dec04a.b/gl0090.d

Date : 04-DEC-2007 18:18

Client ID: 8270DFTPP3247

Instrument: HP11165.i

Sample Info: 8270DFTPP3247;50NG/UL;

Operator: gjd01970

Column phase: DB-5MS

Column diameter: 0.18

Data File: gl0090.d

Spectrum: Average Spectrum: 3.996 to 4.004 min. (SUB)

Location of Maximum: 198.00

Number of points: 293

m/z	Y	m/z	Y	m/z	Y	m/z	Y
83.00	1013	163.00	318	239.00	333	342.00	94
84.00	568	164.00	364	240.00	249	346.00	782
85.00	1020	165.00	857	241.00	427	347.00	42
86.00	1331	166.00	895	242.00	523	352.00	1147
87.00	679	167.00	5450	243.00	845	353.00	782
88.00	262	168.00	3103	244.00	13971	354.00	1060
89.00	342	169.00	786	245.00	1572	355.00	165
91.00	1449	170.00	102	246.00	1967	358.00	43
92.00	1586	171.00	393	247.00	599	365.00	4375
93.00	6817	172.00	630	248.00	122	366.00	754
94.00	480	173.00	716	249.00	627	368.00	40
96.00	322	174.00	1212	250.00	65	371.00	239
97.00	218	175.00	2097	251.00	189	372.00	2056
98.00	5128	176.00	492	252.00	212	373.00	418
99.00	4367	177.00	1308	253.00	442	377.00	49
100.00	376	178.00	382	254.00	364	383.00	418
101.00	2242	179.00	3803	255.00	61568	384.00	162
102.00	155	180.00	2339	256.00	9105	390.00	171
103.00	1003	181.00	1026	257.00	734	392.00	86
104.00	1264	182.00	386	258.00	4046	402.00	701
105.00	1111	183.00	11	259.00	616	403.00	950
106.00	858	184.00	441	260.00	113	404.00	332
107.00	18392	185.00	1963	261.00	83	405.00	91
108.00	3411	186.00	14126	264.00	198	421.00	653
109.00	185	187.00	4860	265.00	1630	422.00	862
110.00	33552	188.00	635	266.00	195	423.00	5366
111.00	4765	189.00	1185	267.00	39	424.00	1214
112.00	511	190.00	400	270.00	87	425.00	51
113.00	313	191.00	687	271.00	119	431.00	87
114.00	266	192.00	1308	272.00	228	436.00	56
116.00	855	193.00	1328	273.00	2096	437.00	41
117.00	12801	194.00	443	274.00	5870	441.00	13864
118.00	887	195.00	469	275.00	28792	442.00	89400
120.00	364	196.00	4138	276.00	3985	443.00	15609
122.00	1262	197.00	526	277.00	2581	444.00	1850

Data File: /chem/HP11165.i/07dec04a.b/gl0090.d

Date : 04-DEC-2007 18:18

Client ID: 8270DFTPP3247 Instrument: HP11165.i

Sample Info: 8270DFTPP3247;50NG/UL;

Operator: gjd01970

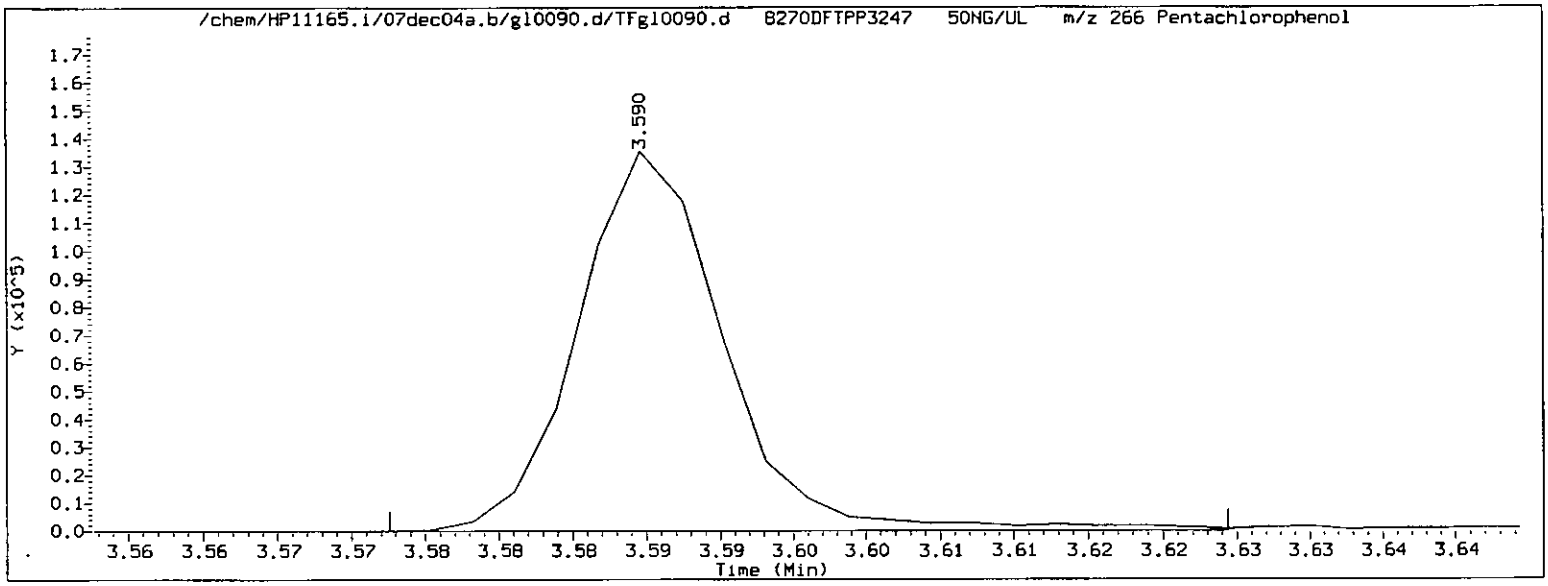
Column phase: DB-5MS Column diameter: 0.18

Data File: gl0090.d
Spectrum: Average Spectrum: 3.996 to 4.004 min. (SUB)
Location of Maximum: 198.00
Number of points: 293

m/z	Y	m/z	Y	m/z	Y	m/z	Y
123.00	1478	198.00	107600	278.00	524	445.00	46
124.00	995	199.00	6983	279.00	98		
125.00	1280	200.00	723	282.00	65		
127.00	54104	201.00	704	283.00	94		

Assessment of GC Column Performance and Injection Port Inertness for

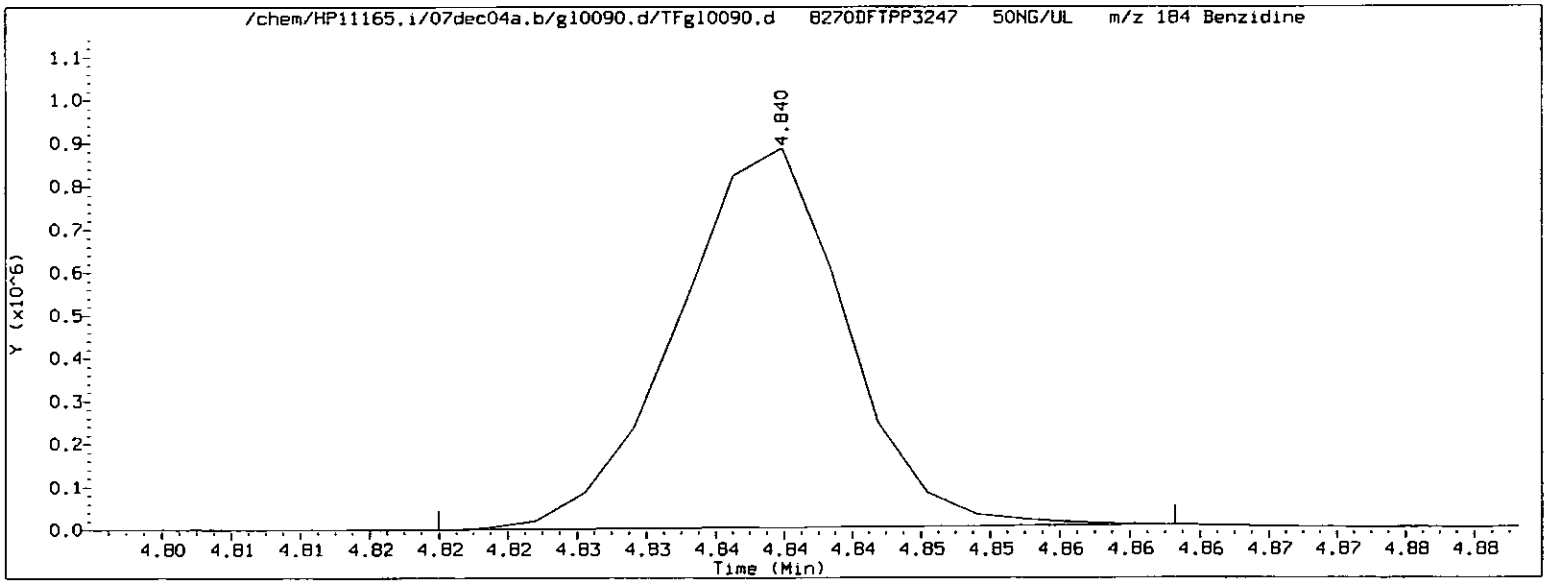
Instrument ID: HP11165.i Injection Date: 04-DEC-2007 18:18 Operator: gjd01970



Pentachlorophenol EICP peak height = 135424 EICP peak height at 10% = 13542 Pentachlorophenol EICP area = 92886

Pentachlorophenol EICP peak apex (min.) = 3.590
RT at 10% of front half of EICP (min.) = 3.581 'Front' peak width (min.) = 0.0086333333
RT at 10% of back half of EICP (min.) = 3.601 'Tailing' peak width (min.) = 0.0109000000

PCP tailing factor = $\frac{\text{'Tailing' peak width (min.)}}{\text{'Front' peak width (min.)}} = \frac{0.0109000000}{0.0086333333} = 1.263$



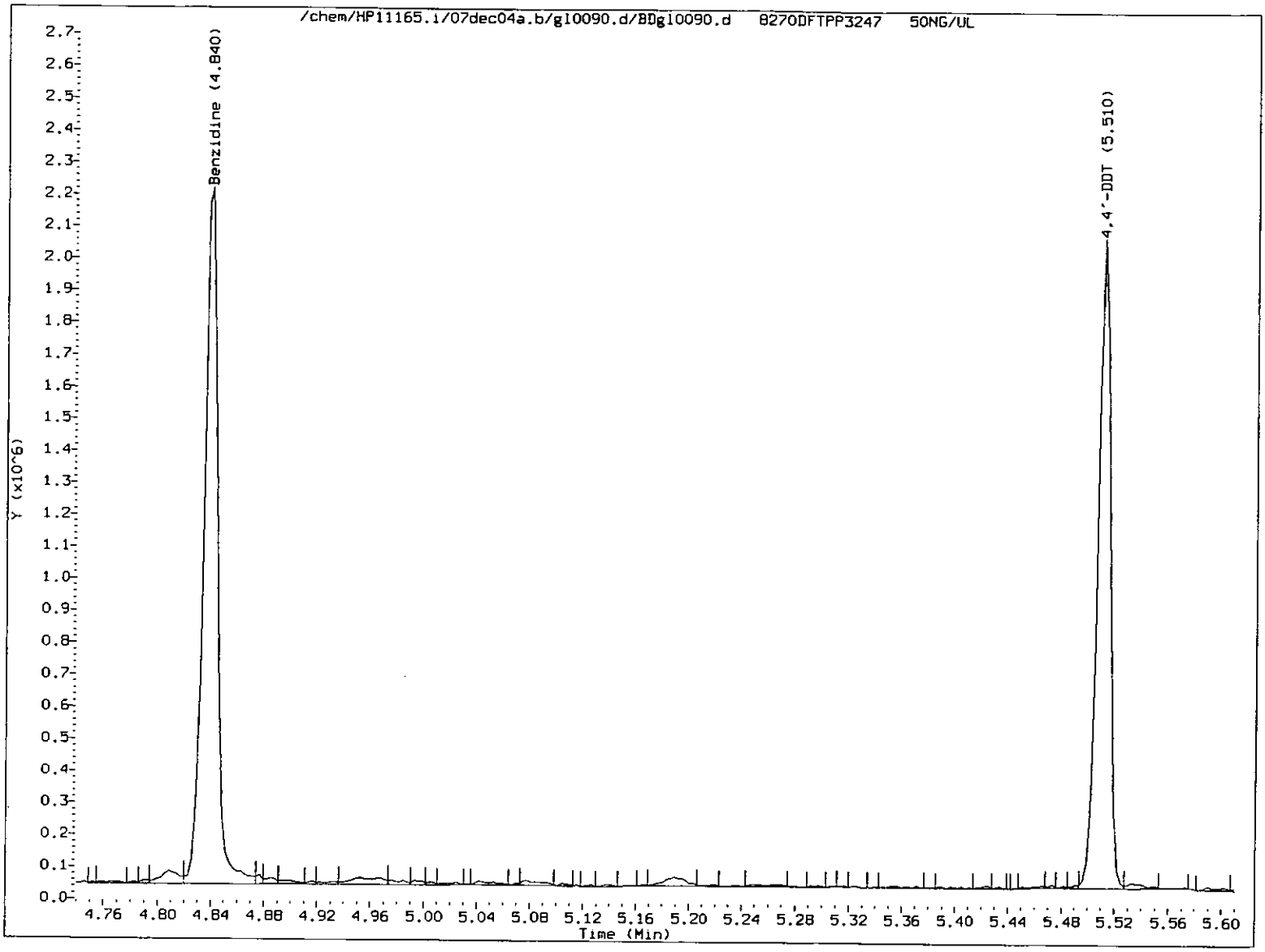
Benzidine EICP peak height = 883378 EICP peak height at 10% = 88338 Benzidine EICP area = 604526

Benzidine EICP peak apex (min.) = 4.840
RT at 10% of front half of EICP (min.) = 4.829 'Front' peak width (min.) = 0.0112333333
RT at 10% of back half of EICP (min.) = 4.848 'Tailing' peak width (min.) = 0.0083666667

Benzidine tailing factor = $\frac{\text{'Tailing' peak width (min.)}}{\text{'Front' peak width (min.)}} = \frac{0.0083666667}{0.0112333333} = 0.745$

Assessment of GC Column Performance and Injection Port Inertness for

Instrument ID: HP11165.i Injection Date: 04-DEC-2007 18:18 Operator: gjd01970



$$\% \text{ 4,4'-DDT breakdown} = \frac{\text{4,4'-DDE TIC area + 4,4'-DDD TIC area}}{\text{4,4'-DDE TIC area + 4,4'-DDD TIC area + 4,4'-DDT TIC area}} \times 100$$

$$\% \text{ 4,4'-DDT breakdown} = \frac{0 + 0}{0 + 0 + 1308552} \times 100 = 0.0$$

8614

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLKWD3377

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: SBLKWD337

Sample wt/vol: 1000 (g/mL)ML Lab File ID: gl0092.d

Level: (low/med) LOW Date Received:

% Moisture: not dec: dec: Date Extracted: 12/04/07

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/04/07

Injection Volume: 1 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Extraction: Sepf

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	MDL	UG/L	Q
108-95-2	Phenol			1	U
111-44-4	bis(2-Chloroethyl)ether			1	U
95-57-8	2-Chlorophenol			1	U
541-73-1	1,3-Dichlorobenzene			1	U
106-46-7	1,4-Dichlorobenzene			1	U
95-50-1	1,2-Dichlorobenzene			1	U
95-48-7	2-Methylphenol			1	U
108-60-1	2,2'-oxybis(1-Chloropropane)			1	U
621-64-7	N-Nitroso-di-n-propylamine			1	U
106-44-5	4-Methylphenol			2	U
67-72-1	Hexachloroethane			1	U
98-95-3	Nitrobenzene			1	U
78-59-1	Isophorone			1	U
88-75-5	2-Nitrophenol			1	U
105-67-9	2,4-Dimethylphenol			3	U
111-91-1	bis(2-Chloroethoxy)methane			1	U
120-83-2	2,4-Dichlorophenol			1	U
120-82-1	1,2,4-Trichlorobenzene			1	U
91-20-3	Naphthalene			1	U
106-47-8	4-Chloroaniline			1	U
87-68-3	Hexachlorobutadiene			1	U
59-50-7	4-Chloro-3-methylphenol			1	U
91-57-6	2-Methylnaphthalene			1	U
77-47-4	Hexachlorocyclopentadiene			5	U
88-06-2	2,4,6-Trichlorophenol			1	U
95-95-4	2,4,5-Trichlorophenol			1	U
91-58-7	2-Chloronaphthalene			2	U
88-74-4	2-Nitroaniline			1	U
131-11-3	Dimethylphthalate			2	U
606-20-2	2,6-Dinitrotoluene			1	U

8615

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLKWD3377

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: SBLKWD337

Sample wt/vol: 1000 (g/mL)ML Lab File ID: gl0092.d

Level: (low/med) LOW Date Received:

% Moisture: not dec: dec: Date Extracted: 12/04/07

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/04/07

Injection Volume: 1 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Extraction: Sepf

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	MDL	UG/L	Q
208-96-8	Acenaphthylene		1	U	
99-09-2	3-Nitroaniline		1	U	
83-32-9	Acenaphthene		1	U	
51-28-5	2,4-Dinitrophenol		20	U	
100-02-7	4-Nitrophenol		10	U	
132-64-9	Dibenzofuran		1	U	
121-14-2	2,4-Dinitrotoluene		1	U	
84-66-2	Diethylphthalate		2	U	
86-73-7	Fluorene		1	U	
7005-72-3	4-Chlorophenyl-phenylether		2	U	
100-01-6	4-Nitroaniline		1	U	
534-52-1	4,6-Dinitro-2-methylphenol		5	U	
86-30-6	N-Nitrosodiphenylamine		2	U	
101-55-3	4-Bromophenyl-phenylether		1	U	
118-74-1	Hexachlorobenzene		1	U	
87-86-5	Pentachlorophenol		3	U	
85-01-8	Phenanthrene		1	U	
120-12-7	Anthracene		1	U	
86-74-8	Carbazole		1	U	
84-74-2	Di-n-butylphthalate		2	U	
206-44-0	Fluoranthene		1	U	
129-00-0	Pyrene		1	U	
85-68-7	Butylbenzylphthalate		2	U	
91-94-1	3,3'-Dichlorobenzidine		2	U	
56-55-3	Benzo(a)anthracene		1	U	
218-01-9	Chrysene		1	U	
117-81-7	bis(2-Ethylhexyl)phthalate		2	U	
117-84-0	Di-n-octylphthalate		2	U	
205-99-2	Benzo(b)fluoranthene		1	U	
207-08-9	Benzo(k)fluoranthene		1	U	

0616

1C cont

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLKWD3377

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: SBLKWD337

Sample wt/vol: 1000 (g/mL)ML Lab File ID: gl0092.d

Level: (low/med) LOW Date Received:

% Moisture: not dec: dec: Date Extracted: 12/04/07

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/04/07

Injection Volume: 1 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Extraction: Sepf

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	MDL	UG/L	Q
50-32-8	Benzo(a)pyrene		1		U
193-39-5	Indeno(1,2,3-cd)pyrene		1		U
53-70-3	Dibenz(a,h)anthracene		1		U
191-24-2	Benzo(g,h,i)perylene		1		U

8617

SBLKWD3377 Lancaster Labs Quantitation Report GC/MS Semi-Volatiles SBLKWD337

Data file: /chem/HP11165.i/07dec04a.b/gl0092.d Blank Data file reference:**/chem/HP11165.i/07dec04a.b/gl0092.d**
Injection date and time: 04-DEC-2007 19:04 Instrument ID: HP11165.i Batch: 07337WAD
Date, time and analyst ID of latest file update: 04-Dec-2007 19:42 gjd01970

Method used: /chem/HP11165.i/07dec04a.b/minti.m Sublist used: **WTC8**
Calibration date and time (Last Method Edit): 04-DEC-2007 19:29
Mid Level Daily Calibration Standard Reference: /chem/HP11165.i/07dec04a.b/gl0091.d

Sample Concentration Formula: On-Column Amount * DF * Uf * Vt/(Vo * Vi) Matrix: WATER GPC Cleanup: No

Dilution Factor (DF): 1 Unit Correction Factor (Uf): 1 Volume Injected (Vi): 1 ul
GPC Cleanup Factor (gpcf): 1 Sample Volume (Vo): 1000.0 ml Final Extract Volume (Vt): 1000 ul

Internal Standards	RT (+/-RT)	Scan	QIon	Area(+/- %Area)	Conc(ng/ul)	QC Flag
21) 1,4-Dichlorobenzene-d4	4.928(0.000)	634	152.0	92994(-18)	40.00	
52) Naphthalene-d8	6.078(0.005)	849	136.0	379043(-23)	40.00	
97) Acenaphthene-d10	7.559(0.005)	1126	164.0	248920(-21)	40.00	
134) Phenanthrene-d10	8.774(0.011)	1353	188.0	515312(-20)	40.00	
166) Chrysene-d12	10.961(0.005)	1762	240.0	571364(-21)	40.00	
174) Perylene-d12	12.416(0.005)	2034	264.0	449670(-21)	40.00	

= RETENTION TIME OUT OF RANGE * = INTERNAL STANDARD OUT OF RANGE NC = NOT ABLE TO CALCULATE

Surrogate Standards	I.S. Ref.	RT (+/-RRT)	QIon	Area	Conc. (on column)	%Rec.	QC flags	QC Limits
9) 2-Fluorophenol	(1)	3.639(0.001)	112	421961	106.596	53%		10 - 103
15) Phenol-d6	(1)	4.639(0.001)	99	400404	72.409	36%		10 - 82
38) Nitrobenzene-d5	(2)	5.452(0.000)	82	436684	85.399	85%		51 - 123
77) 2-Fluorobiphenyl	(3)	7.014(0.000)	172	724855	86.366	86%		63 - 118
118) 2,4,6-Tribromophenol	(3)	8.212(0.000)	330	316792	224.041	112%		20 - 159
155) Terphenyl-d14	(5)	10.100(0.000)	244	1074006	86.707	87%		52 - 151

= RELATIVE RETENTION TIME OUT OF RANGE * = PERCENT REC.OUT OF RANGE D = DILUTED OUT NC = NOT ABLE TO CALCULATE

Target Compounds	I.S. Ref.	RT (+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit (ng/ul)
16) Phenol	(1)				Below MDL, Do not report				1.00
18) bis(2-Chloroethyl)ether	(1)				Below MDL, Do not report				1.00
19) 2-Chlorophenol	(1)				ND	ND			1.00
20) 1,3-Dichlorobenzene	(1)				ND	ND			1.00
22) 1,4-Dichlorobenzene	(1)				ND	ND			1.00
25) 1,2-Dichlorobenzene	(1)				ND	ND			1.00
26) 2-Methylphenol	(1)				Below MDL, Do not report				1.00
27) 2,2'-oxybis(1-Chloropropane)	(1)				Below MDL, Do not report				1.00
31) N-Nitroso-di-n-propylamine	(1)				Below MDL, Do not report				1.00
33) 4-Methylphenol	(1)				Below MDL, Do not report				2.00
37) Hexachloroethane	(1)				ND	ND			1.00
39) Nitrobenzene	(2)				Below MDL, Do not report				1.00
41) Isophorone	(2)				Below MDL, Do not report				1.00
42) 2-Nitrophenol	(2)				ND	ND			1.00
44) 2,4-Dimethylphenol	(2)				Below MDL, Do not report				3.00
46) bis(2-Chloroethoxy)methane	(2)				Below MDL, Do not report				1.00
49) 2,4-Dichlorophenol	(2)				Below MDL, Do not report				1.00
50) 1,2,4-Trichlorobenzene	(2)				ND	ND			1.00
53) Naphthalene	(2)				Below MDL, Do not report				1.00
55) 4-Chloroaniline	(2)				ND	ND			1.00
59) Hexachlorobutadiene	(2)				ND	ND			1.00
67) 4-Chloro-3-methylphenol	(2)				Below MDL, Do not report				1.00
69) 2-Methylnaphthalene	(2)				Below MDL, Do not report				1.00

0618

SBLKWD3377 Lancaster Labs Quantitation Report GC/MS Semi-Volatiles SBLKWD337

Data file: /chem/HP11165.i/07dec04a.b/gl0092.d Blank Data file reference:**/chem/HP11165.i/07dec04a.b/gl0092.d**
Injection date and time: 04-DEC-2007 19:04 Instrument ID: HP11165.i Batch: 07337WAD
Date, time and analyst ID of latest file update: 04-Dec-2007 19:42 gjd01970

Method used: /chem/HP11165.i/07dec04a.b/minti.m Sublist used: **WTC8**
Calibration date and time (Last Method Edit): 04-DEC-2007 19:29
Mid Level Daily Calibration Standard Reference: /chem/HP11165.i/07dec04a.b/gl0091.d

Sample Concentration Formula: On-Column Amount * DF * Uf * Vt/(Vo * Vi) Matrix: WATER GPC Cleanup: No

Dilution Factor (DF): 1 Unit Correction Factor (Uf): 1 Volume Injected (Vi): 1 ul
GPC Cleanup Factor (gpcf): 1 Sample Volume (Vo): 1000.0 ml Final Extract Volume (Vt): 1000 ul

Target Compounds	I.S. Ref.	RT	(+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit (ng/ul)
71) Hexachlorocyclopentadiene	(3)					ND	ND			5.00
74) 2,4,6-Trichlorophenol	(3)					Below MDL, Do not report				1.00
76) 2,4,5-Trichlorophenol	(3)					Below MDL, Do not report				1.00
83) 2-Chloronaphthalene	(3)					Below MDL, Do not report				2.00
88) 2-Nitroaniline	(3)					Below MDL, Do not report				1.00
91) Dimethylphthalate	(3)					ND	ND			2.00
93) 2,6-Dinitrotoluene	(3)					ND	ND			1.00
94) Acenaphthylene	(3)					Below MDL, Do not report				1.00
96) 3-Nitroaniline	(3)					Below MDL, Do not report				1.00
98) Acenaphthene	(3)					Below MDL, Do not report				1.00
99) 2,4-Dinitrophenol	(3)					ND	ND			20.00
102) 4-Nitrophenol	(3)					Below MDL, Do not report				10.00
103) Dibenzofuran	(3)					Below MDL, Do not report				1.00
104) 2,4-Dinitrotoluene	(3)					ND	ND			1.00
108) Diethylphthalate	(3)					Below MDL, Do not report				2.00
110) Fluorene	(3)					ND	ND			1.00
111) 4-Chlorophenyl-phenylether	(3)					ND	ND			2.00
113) 4-Nitroaniline	(3)					Below MDL, Do not report				1.00
114) 4,6-Dinitro-2-methylphenol	(4)					ND	ND			5.00
116) N-Nitrosodiphenylamine	(4)					Below MDL, Do not report				2.00
124) 4-Bromophenyl-phenylether	(4)					ND	ND			1.00
126) Hexachlorobenzene	(4)					ND	ND			1.00
130) Pentachlorophenol	(4)					ND	ND			3.00
136) Phenanthrene	(4)					Below MDL, Do not report				1.00
137) Anthracene	(4)					Below MDL, Do not report				1.00
139) Carbazole	(4)					Below MDL, Do not report				1.00
141) Di-n-butylphthalate	(4)					Below MDL, Do not report				2.00
146) Fluoranthene	(4)					Below MDL, Do not report				1.00
153) Pyrene	(5)					Below MDL, Do not report				1.00
160) Butylbenzylphthalate	(5)					Below MDL, Do not report				2.00
163) 3,3'-Dichlorobenzidine	(5)					Below MDL, Do not report				2.00
165) Benzo(a)anthracene	(5)					Below MDL, Do not report				1.00
167) Chrysene	(5)					Below MDL, Do not report				1.00
168) bis(2-Ethylhexyl)phthalate	(5)					Below MDL, Do not report				2.00
169) Di-n-octylphthalate	(6)					ND	ND			2.00
171) Benzo(b)fluoranthene	(6)					Below MDL, Do not report				1.00
172) Benzo(k)fluoranthene	(6)					Below MDL, Do not report				1.00
173) Benzo(a)pyrene	(6)					Below MDL, Do not report				1.00
176) Indeno(1,2,3-cd)pyrene	(6)					Below MDL, Do not report				1.00
177) Dibenz(a,h)anthracene	(6)					Below MDL, Do not report				1.00
178) Benzo(g,h,i)perylene	(6)					Below MDL, Do not report				1.00

SBLKWD3377 Lancaster Labs Quantitation Report GC/MS Semi-Volatiles SBLKWD337

Data file: /chem/HP11165.i/07dec04a.b/gl0092.d Blank Data file reference:**/chem/HP11165.i/07dec04a.b/gl0092.d**
Injection date and time: 04-DEC-2007 19:04 Instrument ID: HP11165.i Batch: 07337WAD
Date, time and analyst ID of latest file update: 04-Dec-2007 19:42 gjd01970

Method used: /chem/HP11165.i/07dec04a.b/minti.m Sublist used: **WTC8**
Calibration date and time (Last Method Edit): 04-DEC-2007 19:29
Mid Level Daily Calibration Standard Reference: /chem/HP11165.i/07dec04a.b/gl0091.d

Sample Concentration Formula: On-Column Amount * DF * Uf * Vt/(Vo * Vi) Matrix: WATER GPC Cleanup: No

Dilution Factor (DF): 1 Unit Correction Factor (Uf): 1 Volume Injected (Vi): 1 ul
GPC Cleanup Factor (gpcf): 1 Sample Volume (Vo): 1000.0 ml Final Extract Volume (Vt): 1000 ul

Target Compounds	I.S. Ref.	RT	(+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit (ng/ul)

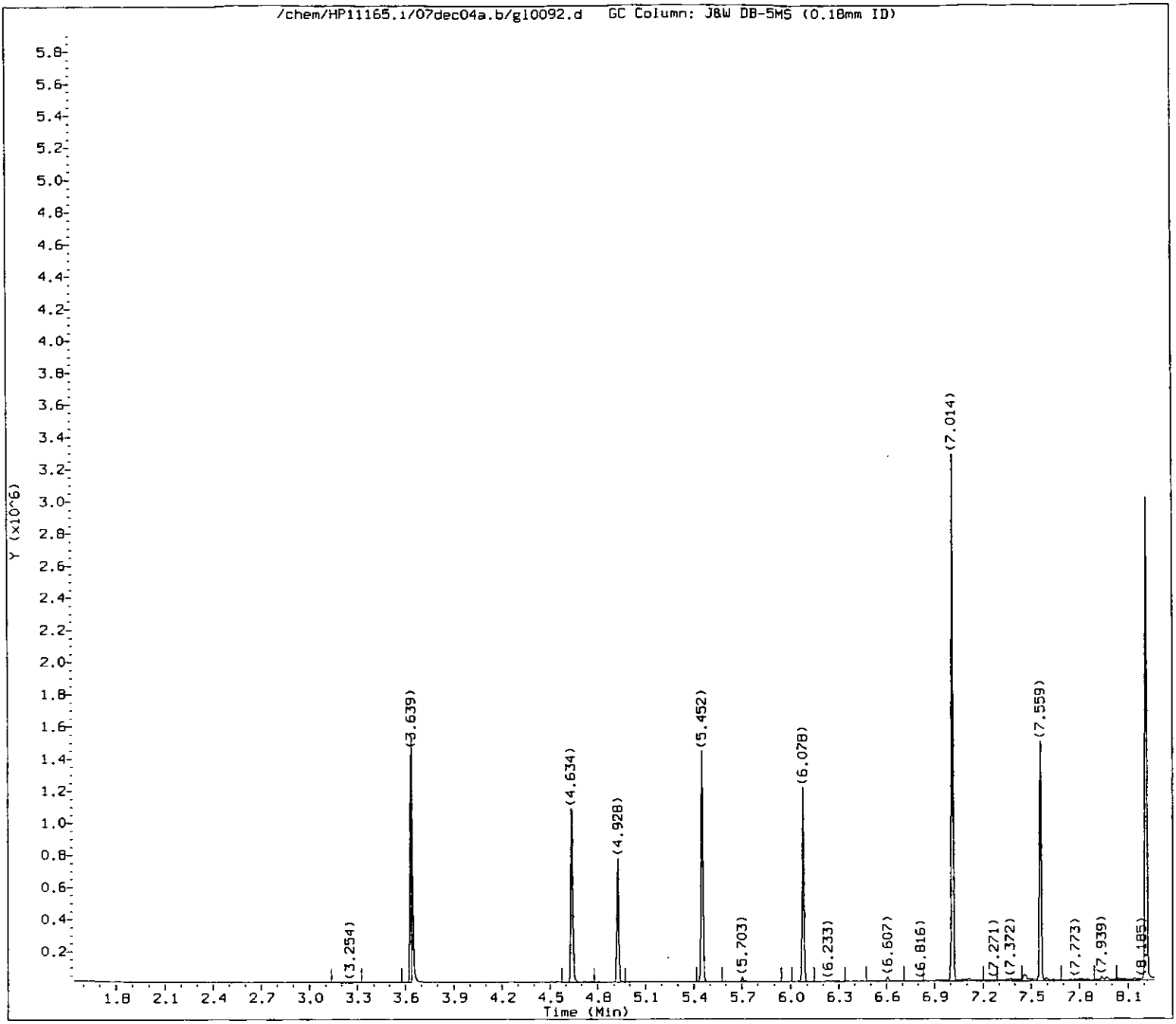
E = CONC. OUT OF CAL. RANGE # = RELATIVE RETENTION TIME OUT OF RANGE

Total number of targets = 64

Comments:

Analyst: 1970 Date: 12/4/07
Auditor: Date: 12/5/07

0628



Quant Report

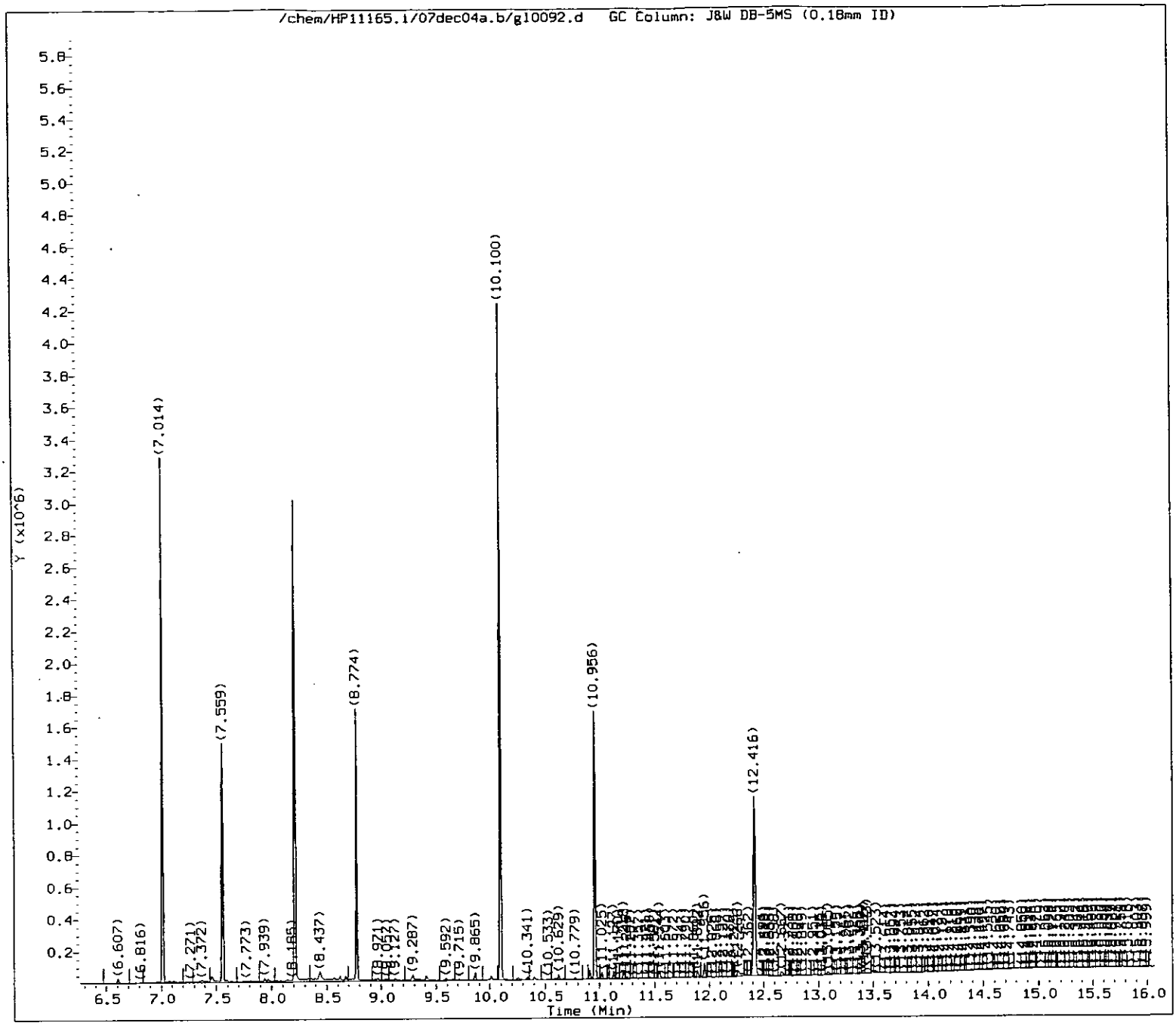
Target Revision 3.5

Data File: /chem/HP11165.i/07dec04a.b/gl0092.d Instrument ID: HP11165.i
Injection date and time: 04-DEC-2007 19:04 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07dec04a.b/minti.m Sublist used: WTC8
Calibration date and time: 04-DEC-2007 19:29
Date, time and analyst ID of latest file update: 04-Dec-2007 19:42 gjd01970

Sample Name: SBLKWD3377 Lab Sample ID: SBLKWD337

0621
gjd1970
12/4/07



Quant Report

Target Revision 3.5

Data File: /chem/HP11165.i/07dec04a.b/gl0092.d Instrument ID: HP11165.i
Injection date and time: 04-DEC-2007 19:04 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07dec04a.b/minti.m Sublist used: WTC8
Calibration date and time: 04-DEC-2007 19:29
Date, time and analyst ID of latest file update: 04-Dec-2007 19:42 gjd01970

Sample Name: SBLKWD3377 Lab Sample ID: SBLKWD337

8622
12/4/07

Quant Report

Target Revision 3.5

Data File: /chem/HP11165.i/07dec04a.b/gl0092.d Instrument ID: HP11165.i
Injection date and time: 04-DEC-2007 19:04 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07dec04a.b/minti.m Sublist used: WTC8
Calibration date and time: 04-DEC-2007 19:29
Date, time and analyst ID of latest file update: 04-Dec-2007 19:42 gjd01970

Sample Name: SBLKWD3377 Lab Sample ID: SBLKWD337

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
21) 1,4-Dichlorobenzene-d4	(1)	4.928	152	92994	40.000
52) Naphthalene-d8	(2)	6.078	136	379043	40.000
97) Acenaphthene-d10	(3)	7.559	164	248920	40.000
134) Phenanthrene-d10	(4)	8.774	188	515312	40.000
166) Chrysene-d12	(5)	10.961	240	571364	40.000
174) Perylene-d12	(6)	12.416	264	449670	40.000
9) 2-Fluorophenol	(1)	3.639	112	421961	106.596
15) Phenol-d6	(1)	4.639	99	400404	72.409
38) Nitrobenzene-d5	(2)	5.452	82	436684	85.399
77) 2-Fluorobiphenyl	(3)	7.014	172	724855	86.366
118) 2,4,6-Tribromophenol	(3)	8.212	330	316792	224.041
155) Terphenyl-d14	(5)	10.100	244	1074006	86.707

M = Compound was manually integrated. A = User selected an alternate hit

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCD02MS

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 5223998

Sample wt/vol: 1000 (g/mL)ML Lab File ID: gl0104.d

Level: (low/med) LOW Date Received: 11/30/07

% Moisture: not dec: dec: Date Extracted: 12/04/07

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/04/07

Injection Volume: 1 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Extraction: Sepf

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	LOQ	UG/L	Q
108-95-2	Phenol		21		
111-44-4	bis(2-Chloroethyl)ether		49		
95-57-8	2-Chlorophenol		48		
541-73-1	1,3-Dichlorobenzene		46		
106-46-7	1,4-Dichlorobenzene		47		
95-50-1	1,2-Dichlorobenzene		47		
95-48-7	2-Methylphenol		43		
108-60-1	2,2'-oxybis(1-Chloropropane)		41		
621-64-7	N-Nitroso-di-n-propylamine		49		
106-44-5	4-Methylphenol		43		
67-72-1	Hexachloroethane		45		
98-95-3	Nitrobenzene		47		
78-59-1	Isophorone		48		
88-75-5	2-Nitrophenol		54		
105-67-9	2,4-Dimethylphenol		48		
111-91-1	bis(2-Chloroethoxy)methane		50		
120-83-2	2,4-Dichlorophenol		49		
120-82-1	1,2,4-Trichlorobenzene		48		
91-20-3	Naphthalene		48		
106-47-8	4-Chloroaniline		45		
87-68-3	Hexachlorobutadiene		48		
59-50-7	4-Chloro-3-methylphenol		52		
91-57-6	2-Methylnaphthalene		49		
77-47-4	Hexachlorocyclopentadiene		80		
88-06-2	2,4,6-Trichlorophenol		48		
95-95-4	2,4,5-Trichlorophenol		45		
91-58-7	2-Chloronaphthalene		38		
88-74-4	2-Nitroaniline		53		
131-11-3	Dimethylphthalate		47		
606-20-2	2,6-Dinitrotoluene		52		

0624

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCD02MS

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 5223998

Sample wt/vol: 1000 (g/mL)ML Lab File ID: gl0104.d

Level: (low/med) LOW Date Received: 11/30/07

% Moisture: not dec: dec: Date Extracted: 12/04/07

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/04/07

Injection Volume: 1 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Extraction: Sepf

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	LOQ	UG/L	Q
208-96-8	Acenaphthylene			51	
99-09-2	3-Nitroaniline			48	
83-32-9	Acenaphthene			47	
51-28-5	2,4-Dinitrophenol			60	U
100-02-7	4-Nitrophenol			18	J
132-64-9	Dibenzofuran			47	
121-14-2	2,4-Dinitrotoluene			51	
84-66-2	Diethylphthalate			48	
86-73-7	Fluorene			49	
7005-72-3	4-Chlorophenyl-phenylether			48	
100-01-6	4-Nitroaniline			41	
534-52-1	4,6-Dinitro-2-methylphenol			37	
86-30-6	N-Nitrosodiphenylamine			48	
101-55-3	4-Bromophenyl-phenylether			50	
118-74-1	Hexachlorobenzene			51	
87-86-5	Pentachlorophenol			9	J
85-01-8	Phenanthrene			49	
120-12-7	Anthracene			49	
86-74-8	Carbazole			48	
84-74-2	Di-n-butylphthalate			51	
206-44-0	Fluoranthene			47	
129-00-0	Pyrene			50	
85-68-7	Butylbenzylphthalate			49	
91-94-1	3,3'-Dichlorobenzidine			43	
56-55-3	Benzo(a)anthracene			51	
218-01-9	Chrysene			49	
117-81-7	bis(2-Ethylhexyl)phthalate			52	
117-84-0	Di-n-octylphthalate			50	
205-99-2	Benzo(b)fluoranthene			53	
207-08-9	Benzo(k)fluoranthene			46	

0625

1C cont

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCD02MS

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 5223998

Sample wt/vol: 1000 (g/mL) ML Lab File ID: gl0104.d

Level: (low/med) LOW Date Received: 11/30/07

% Moisture: not dec: dec: Date Extracted: 12/04/07

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/04/07

Injection Volume: 1 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Extraction: Sepf

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	LOQ	UG/L	Q
50-32-8	Benzo(a)pyrene		51		
193-39-5	Indeno(1,2,3-cd)pyrene		50		
53-70-3	Dibenz(a,h)anthracene		54		
191-24-2	Benzo(g,h,i)perylene		50		

0626

BCD02MS

Lancaster Labs
Quantitation Report GC/MS Semi-Volatiles

5223998

Data file: /chem/HP11165.i/07dec04a.b/gl0104.d Blank Data file reference:/chem/HP11165.i/07dec04a.b/gl0092.d
Injection date and time: 04-DEC-2007 23:59 Instrument ID: HP11165.i Batch: 07337WAD
Date, time and analyst ID of latest file update: 05-Dec-2007 05:18 jmg00346

Method used: /chem/HP11165.i/07dec04a.b/minti.m Sublist used: **WTC8**
Calibration date and time (Last Method Edit): 04-DEC-2007 22:50
Mid Level Daily Calibration Standard Reference: /chem/HP11165.i/07dec04a.b/gl0091.d

Sample Concentration Formula: On-Column Amount * DF * Uf * Vt/(Vo * Vi) Matrix: WATER GPC Cleanup: No

Dilution Factor (DF): 1 Unit Correction Factor (Uf): 1 Volume Injected (Vi): 1 ul
GPC Cleanup Factor (gpcf): 1 Sample Volume (Vo): 1000.0 ml Final Extract Volume (Vt): 1000 ul

Internal Standards	RT (+/-RT)	Scan	QIon	Area(+/- %Area)	Conc(ng/ul)	QC Flag
21) 1,4-Dichlorobenzene-d4	4.928(0.000)	634	152.0	98604(-13)	40.00	
52) Naphthalene-d8	6.078(0.005)	849	136.0	406010(-18)	40.00	
97) Acenaphthene-d10	7.559(0.005)	1126	164.0	266308(-16)	40.00	
134) Phenanthrene-d10	8.773(0.011)	1353	188.0	526138(-18)	40.00	
166) Chrysene-d12	10.956(0.011)	1761	240.0	565493(-22)	40.00	
174) Perylene-d12	12.411(0.011)	2033	264.0	435071(-24)	40.00	

= RETENTION TIME OUT OF RANGE * = INTERNAL STANDARD OUT OF RANGE NC = NOT ABLE TO CALCULATE

Surrogate Standards	I.S. Ref.	RT (+/-RRT)	QIon	Area	Conc. (on column)	%Rec.	QC flags	QC Limits
9) 2-Fluorophenol	(1)	3.639(0.001)	112	517938	123.398	62%		10 - 103
15) Phenol-d6	(1)	4.639(0.001)	99	499215	85.141	43%		10 - 82
38) Nitrobenzene-d5	(2)	5.452(0.000)	82	517846	94.544	95%		51 - 123
77) 2-Fluorobiphenyl	(3)	7.014(0.000)	172	820077	91.332	91%		63 - 118
118) 2,4,6-Tribromophenol	(3)	8.212(0.000)	330	325262	215.011	108%		20 - 159
155) Terphenyl-d14	(5)	10.095(0.000)	244	935378	76.299	76%		52 - 151

= RELATIVE RETENTION TIME OUT OF RANGE * = PERCENT REC.OUT OF RANGE D = DILUTED OUT NC = NOT ABLE TO CALCULATE

Target Compounds	I.S. Ref.	RT (+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit (ng/ul)
16) Phenol	(1)	4.650(0.002)	94	145578	21.101	21.10			1.00
18) bis(2-Chloroethyl)ether	(1)	4.703(0.001)	93	242706	48.667	48.67			1.00
19) 2-Chlorophenol	(1)	4.730(0.001)	128	180330	47.724	47.72			1.00
20) 1,3-Dichlorobenzene	(1)	4.864(0.001)	146	175385	46.300	46.30			1.00
22) 1,4-Dichlorobenzene	(1)	4.944(0.000)	146	184931	47.485	47.49			1.00
25) 1,2-Dichlorobenzene	(1)	5.078(0.001)	146	171405	46.782	46.78			1.00
26) 2-Methylphenol	(1)	5.217(0.005)	108	192874	42.923	42.92			1.00
27) 2,2'-oxybis(1-Chloropropane)	(1)	5.217(0.001)	45	240052	40.751	40.75			1.00
31) N-Nitroso-di-n-propylamine	(1)	5.340(0.003)	70	198519	48.904	48.90			1.00
33) 4-Methylphenol	(1)	5.361(0.002)	108	213152	43.088	43.09			2.00
37) Hexachloroethane	(1)	5.388(0.000)	117	73514	44.700	44.70			1.00
39) Nitrobenzene	(2)	5.468(0.001)	77	275348	47.264	47.26			1.00
41) Isophorone	(2)	5.698(0.000)	82	475846	47.737	47.74			1.00
42) 2-Nitrophenol	(2)	5.751(0.000)	139	100656	54.118	54.12			1.00
44) 2,4-Dimethylphenol	(2)	5.826(0.001)	107	230900	47.677	47.68			3.00
46) bis(2-Chloroethoxy)methane	(2)	5.907(0.000)	93	294581	50.327	50.33			1.00
49) 2,4-Dichlorophenol	(2)	5.976(0.001)	162	153535	49.104	49.10			1.00
50) 1,2,4-Trichlorobenzene	(2)	6.035(0.000)	180	154865	47.831	47.83			1.00
53) Naphthalene	(2)	6.099(-0.001)	128	550146	47.932	47.93			1.00
55) 4-Chloroaniline	(2)	6.163(0.001)	127	201923	44.581	44.58			1.00
59) Hexachlorobutadiene	(2)	6.211(0.000)	225	95505	48.289	48.29			1.00
67) 4-Chloro-3-methylphenol	(2)	6.607(0.002)	107	218735	51.825	51.82			1.00

BCD02MS

Lancaster Labs
Quantitation Report GC/MS Semi-Volatiles

5223998

Data file: /chem/HP11165.i/07dec04a.b/g10104.d Blank Data file reference:**/chem/HP11165.i/07dec04a.b/g10092.d**
Injection date and time: 04-DEC-2007 23:59 Instrument ID: HP11165.i Batch: 07337WAD
Date, time and analyst ID of latest file update: 05-Dec-2007 05:18 jmg00346

Method used: /chem/HP11165.i/07dec04a.b/minti.m Sublist used: **WTC8**
Calibration date and time (Last Method Edit): 04-DEC-2007 22:50
Mid Level Daily Calibration Standard Reference: /chem/HP11165.i/07dec04a.b/g10091.d

Sample Concentration Formula: On-Column Amount * DF * Uf * Vt/(Vo * Vi) Matrix: WATER GPC Cleanup: No

Dilution Factor (DF): 1 Unit Correction Factor (Uf): 1 Volume Injected (Vi): 1 ul
GPC Cleanup Factor (gpcf): 1 Sample Volume (Vo): 1000.0 ml Final Extract Volume (Vt): 1000 ul

Target Compounds	I.S. Ref.	RT	(+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit (ng/ul)
69) 2-Methylnaphthalene	(2)	6.693	(0.000)	142	358824	48.663	48.66			1.00
71) Hexachlorocyclopentadiene	(3)	6.827	(0.000)	237	163924	79.949	79.95			5.00
74) 2,4,6-Trichlorophenol	(3)	6.944	(0.001)	196	118042	48.023	48.02			1.00
76) 2,4,5-Trichlorophenol	(3)	6.976	(0.001)	196	128876	45.188	45.19			1.00
83) 2-Chloronaphthalene	(3)	7.099	(0.001)	162	341295	38.216	38.22			2.00
88) 2-Nitroaniline	(3)	7.201	(0.001)	138	136302	52.501	52.50			1.00
91) Dimethylphthalate	(3)	7.367	(0.001)	163	404407	46.575	46.58			2.00
93) 2,6-Dinitrotoluene	(3)	7.410	(0.001)	165	101478	52.004	52.00			1.00
94) Acenaphthylene	(3)	7.442	(0.000)	152	609793	50.765	50.76			1.00
96) 3-Nitroaniline	(3)	7.543	(0.001)	138	113014	48.156	48.16			1.00
98) Acenaphthene	(3)	7.586	(0.000)	153	378244	47.457	47.46			1.00
99) 2,4-Dinitrophenol	(3)				Below MDL, Do not report					20.00
102) 4-Nitrophenol	(3)	7.714	(0.001)	109	28068	18.467	18.47			10.00
103) Dibenzofuran	(3)	7.730	(0.000)	168	554711	47.483	47.48			1.00
104) 2,4-Dinitrotoluene	(3)	7.741	(0.001)	165	131218	50.933	50.93			1.00
108) Diethylphthalate	(3)	7.950	(0.001)	149	433083	48.274	48.27			2.00
110) Fluorene	(3)	8.009	(0.001)	166	475604	48.752	48.75			1.00
111) 4-Chlorophenyl-phenylether	(3)	8.025	(0.000)	204	233173	48.488	48.49			2.00
113) 4-Nitroaniline	(3)	8.046	(0.002)	138	105681	41.188	41.19			1.00
114) 4,6-Dinitro-2-methylphenol	(4)	8.073	(0.001)	198	62654	37.054	37.05			5.00
116) N-Nitrosodiphenylamine	(4)	8.126	(-0.001)	169	347934	48.208	48.21			2.00
124) 4-Bromophenyl-phenylether	(4)	8.420	(-0.001)	248	142547	50.428	50.43			1.00
126) Hexachlorobenzene	(4)	8.458	(-0.001)	284	164304	51.085	51.08			1.00
130) Pentachlorophenol	(4)	8.629	(0.000)	266	16697	8.779	8.78			3.00
136) Phenanthrene	(4)	8.795	(0.000)	178	682942	48.942	48.94			1.00
137) Anthracene	(4)	8.838	(0.000)	178	700128	49.251	49.25			1.00
139) Carbazole	(4)	8.982	(-0.001)	167	669286	48.281	48.28			1.00
141) Di-n-butylphthalate	(4)	9.292	(-0.001)	149	753433	50.925	50.92			2.00
146) Fluoranthene	(4)	9.763	(0.000)	202	783809	46.699	46.70			1.00
153) Pyrene	(5)	9.950	(0.000)	202	840876	50.269	50.27			1.00
160) Butylbenzylphthalate	(5)	10.512	(0.000)	149	329744	49.000	49.00			2.00
163) 3,3'-Dichlorobenzidine	(5)	10.940	(0.000)	252	245293	42.816	42.82			2.00
165) Benzo(a)anthracene	(5)	10.950	(0.000)	228	843382	50.790	50.79			1.00
167) Chrysene	(5)	10.982	(0.000)	228	822492	49.376	49.38			1.00
168) bis(2-Ethylhexyl)phthalate	(5)	11.020	(0.000)	149	449445	51.943	51.94			2.00
169) Di-n-octylphthalate	(6)	11.662	(0.000)	149	742760	49.928	49.93			2.00
171) Benzo(b)fluoranthene	(6)	12.004	(0.001)	252	880766	52.984	52.98			1.00
172) Benzo(k)fluoranthene	(6)	12.036	(0.000)	252	813077	46.476	46.48			1.00
173) Benzo(a)pyrene	(6)	12.352	(0.000)	252	753591	51.062	51.06			1.00
176) Indeno(1,2,3-cd)pyrene	(6)	13.635	(0.001)	276	912024	49.912	49.91			1.00
177) Dibenz(a,h)anthracene	(6)	13.673	(0.001)	278	789689	53.765	53.76			1.00

BCD02MS

Lancaster Labs
Quantitation Report GC/MS Semi-Volatiles 5223998

Data file: /chem/HP11165.i/07dec04a.b/gl0104.d Blank Data file reference:**/chem/HP11165.i/07dec04a.b/gl0092.d**
Injection date and time: 04-DEC-2007 23:59 Instrument ID: HP11165.i Batch: 07337WAD
Date, time and analyst ID of latest file update: 05-Dec-2007 05:18 jmg00346

Method used: /chem/HP11165.i/07dec04a.b/minti.m Sublist used: **WTC8**
Calibration date and time (Last Method Edit): 04-DEC-2007 22:50
Mid Level Daily Calibration Standard Reference: /chem/HP11165.i/07dec04a.b/gl0091.d

Sample Concentration Formula: On-Column Amount * DF * Uf * Vt/(Vo * Vi) Matrix: WATER GPC Cleanup: No

Dilution Factor (DF): 1 Unit Correction Factor (Uf): 1 Volume Injected (Vi): 1 ul
GPC Cleanup Factor (gpcf): 1 Sample Volume (Vo): 1000.0 ml Final Extract Volume (Vt): 1000 ul

Target Compounds	I.S. Ref.	RT	(+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit (ng/ul)
178) Benzo(g,h,i)perylene	(6)	13.946	(0.001)	276	779226	49.625	49.62			1.00

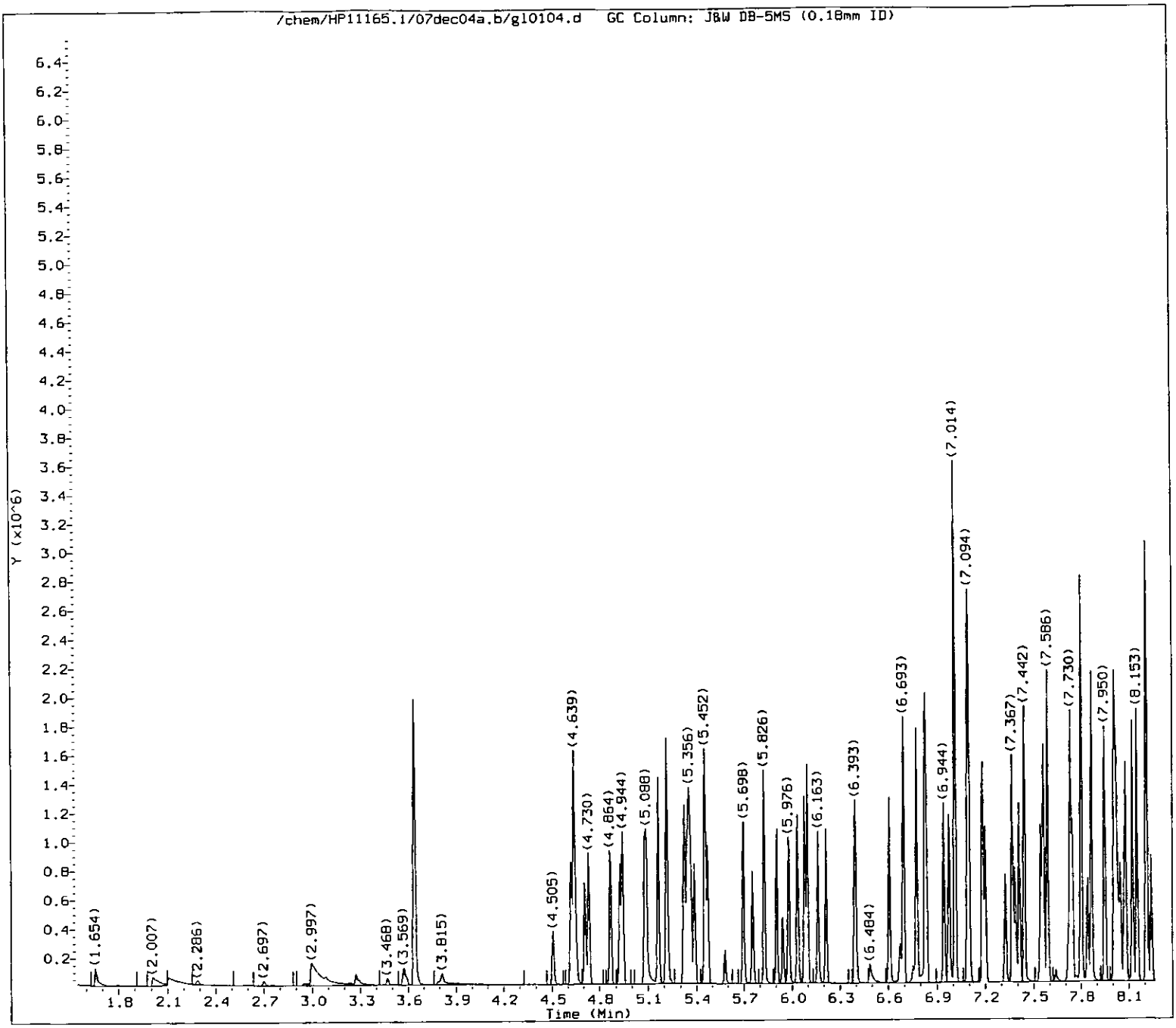
E = CONC. OUT OF CAL. RANGE # = RELATIVE RETENTION TIME OUT OF RANGE

Total number of targets = 64

Comments:

Analyst: Date: 12-5-07
Auditor: Date: 12/5/07

8629



Quant Report

Target Revision 3.5

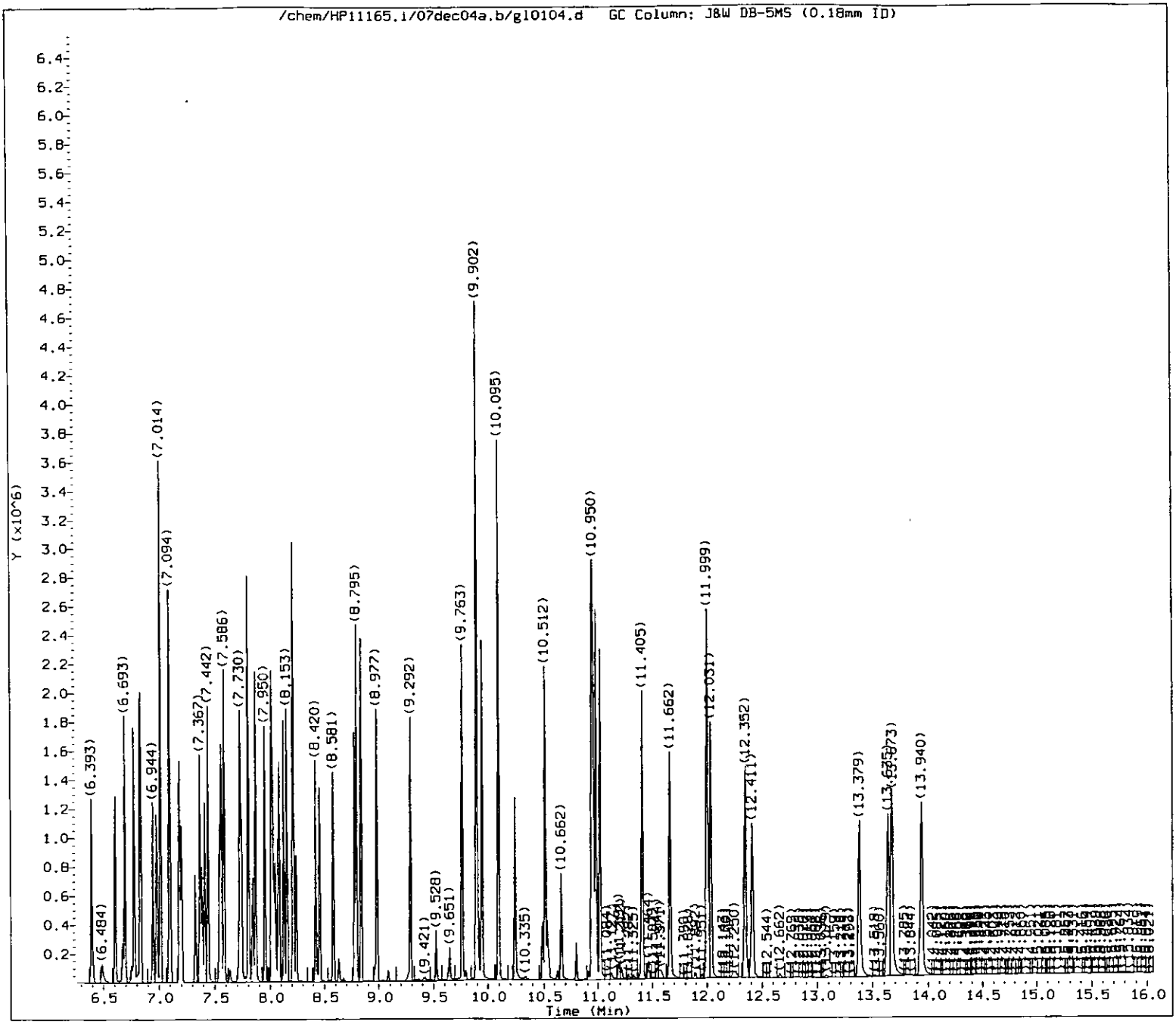
Data File: /chem/HP11165.i/07dec04a.b/gl0104.d Instrument ID: HP11165.i
Injection date and time: 04-DEC-2007 23:59 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07dec04a.b/minti.m Sublist used: WTC8
Calibration date and time: 04-DEC-2007 22:50
Date, time and analyst ID of latest file update: 05-Dec-2007 05:18 jmg00346

Sample Name: BCD02MS Lab Sample ID: 5223998

0630

JMG/546
12-5-07



Quant Report

Target Revision 3.5

Data File: /chem/HP11165.i/07dec04a.b/gl0104.d Instrument ID: HP11165.i
Injection date and time: 04-DEC-2007 23:59 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07dec04a.b/minti.m Sublist used: WTC8
Calibration date and time: 04-DEC-2007 22:50
Date, time and analyst ID of latest file update: 05-Dec-2007 05:18 jmg00346

Sample Name: BCD02MS Lab Sample ID: 5223998

JMG/SG 12/05/07

8631

Quant Report

Target Revision 3.5

Data File: /chem/HP11165.i/07dec04a.b/gl0104.d Instrument ID: HP11165.i
Injection date and time: 04-DEC-2007 23:59 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07dec04a.b/minti.m Sublist used: WTC8
Calibration date and time: 04-DEC-2007 22:50
Date, time and analyst ID of latest file update: 05-Dec-2007 05:18 jmg00346

Sample Name: BCD02MS Lab Sample ID: 5223998

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
16) Phenol	(1)	4.650	94	145578	21.101
18) bis(2-Chloroethyl)ether	(1)	4.703	93	242706	48.667
19) 2-Chlorophenol	(1)	4.730	128	180330	47.724
20) 1,3-Dichlorobenzene	(1)	4.864	146	175385	46.300
21) 1,4-Dichlorobenzene-d4	(1)	4.928	152	98604	40.000
22) 1,4-Dichlorobenzene	(1)	4.944	146	184931	47.485
25) 1,2-Dichlorobenzene	(1)	5.078	146	171405	46.782
26) 2-Methylphenol	(1)	5.217	108	192874	42.923
27) 2,2'-oxybis(1-Chloropropane)	(1)	5.217	45	240052	40.751
31) N-Nitroso-di-n-propylamine	(1)	5.340	70	198519	48.904
33) 4-Methylphenol	(1)	5.361	108	213152	43.088
37) Hexachloroethane	(1)	5.388	117	73514	44.700
39) Nitrobenzene	(2)	5.468	77	275348	47.264
41) Isophorone	(2)	5.698	82	475846	47.737
42) 2-Nitrophenol	(2)	5.751	139	100656	54.118
44) 2,4-Dimethylphenol	(2)	5.826	107	230900	47.677
46) bis(2-Chloroethoxy)methane	(2)	5.907	93	294581	50.327
49) 2,4-Dichlorophenol	(2)	5.976	162	153535	49.104
50) 1,2,4-Trichlorobenzene	(2)	6.035	180	154865	47.831
52) Naphthalene-d8	(2)	6.078	136	406010	40.000
53) Naphthalene	(2)	6.099	128	550146	47.932
55) 4-Chloroaniline	(2)	6.163	127	201923	44.581
59) Hexachlorobutadiene	(2)	6.211	225	95505	48.289
67) 4-Chloro-3-methylphenol	(2)	6.607	107	218735	51.825
69) 2-Methylnaphthalene	(2)	6.693	142	358824	48.663
71) Hexachlorocyclopentadiene	(3)	6.827	237	163924	79.949
74) 2,4,6-Trichlorophenol	(3)	6.944	196	118042	48.023
76) 2,4,5-Trichlorophenol	(3)	6.976	196	128876	45.188
83) 2-Chloronaphthalene	(3)	7.099	162	341295	38.216
88) 2-Nitroaniline	(3)	7.201	138	136302	52.501
91) Dimethylphthalate	(3)	7.367	163	404407	46.575
93) 2,6-Dinitrotoluene	(3)	7.410	165	101478	52.004
94) Acenaphthylene	(3)	7.442	152	609793	50.765
96) 3-Nitroaniline	(3)	7.543	138	113014	48.156
97) Acenaphthene-d10	(3)	7.559	164	266308	40.000
98) Acenaphthene	(3)	7.586	153	378244	47.457
102) 4-Nitrophenol	(3)	7.714	109	28088	18.467
103) Dibenzofuran	(3)	7.730	168	554711	47.483
104) 2,4-Dinitrotoluene	(3)	7.741	165	131218	50.933
108) Diethylphthalate	(3)	7.950	149	433083	48.274
110) Fluorene	(3)	8.009	166	475604	48.752
111) 4-Chlorophenyl-phenylether	(3)	8.025	204	233173	48.488

M = Compound was manually integrated. A = User selected an alternate hit

Quant Report

Target Revision 3.5

Data File: /chem/HP11165.i/07dec04a.b/gl0104.d Instrument ID: HP11165.i
Injection date and time: 04-DEC-2007 23:59 Analyst ID: gjd01970

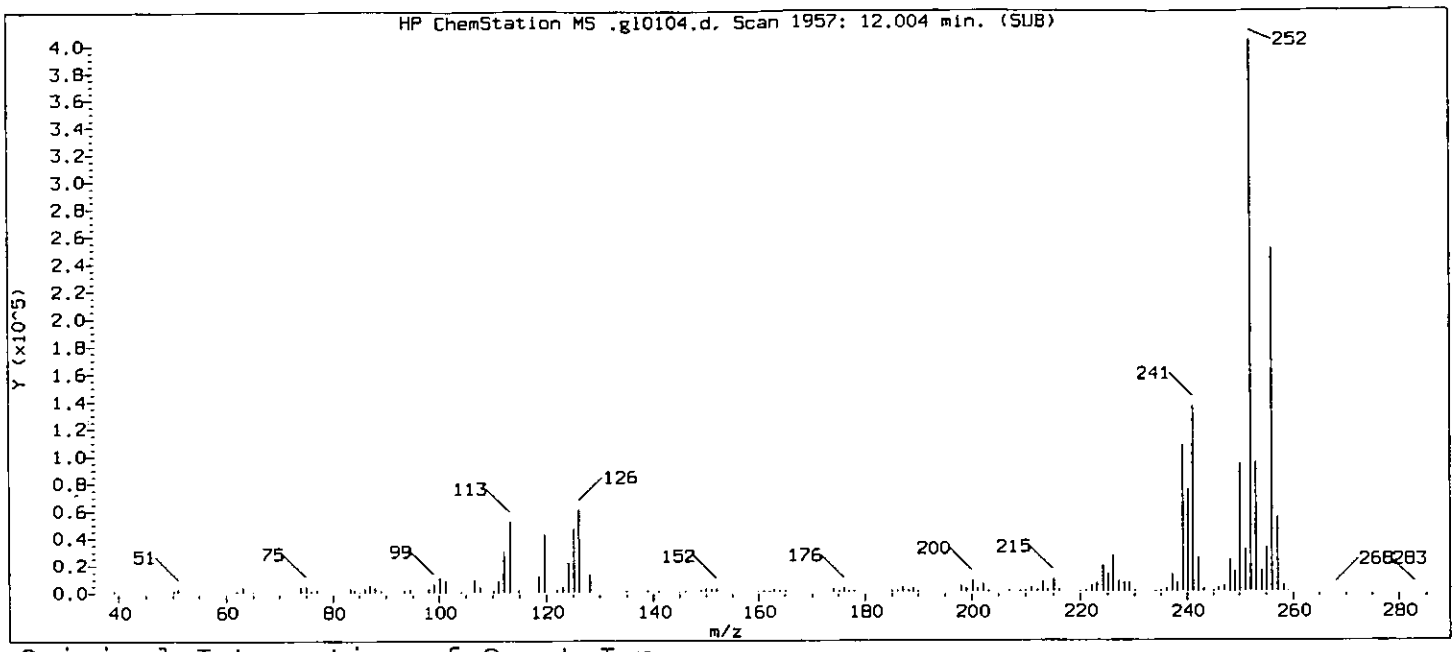
Method used: /chem/HP11165.i/07dec04a.b/minti.m Sublist used: WTC8
Calibration date and time: 04-DEC-2007 22:50
Date, time and analyst ID of latest file update: 05-Dec-2007 05:18 jmg00346

Sample Name: BCD02MS Lab Sample ID: 5223998

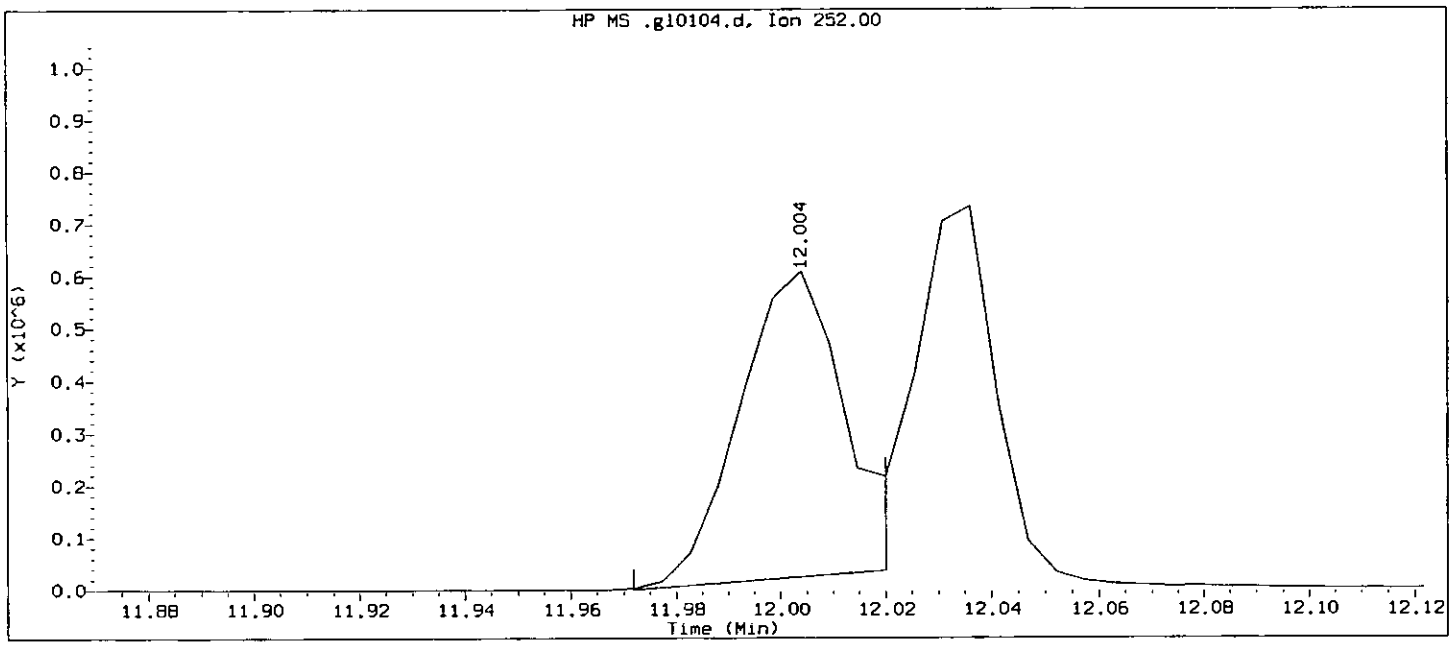
Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
113) 4-Nitroaniline	(3)	8.046	138	105681	41.188
114) 4,6-Dinitro-2-methylphenol	(4)	8.073	198	62654	37.054
116) N-Nitrosodiphenylamine	(4)	8.126	169	347934	48.208
124) 4-Bromophenyl-phenylether	(4)	8.420	248	142547	50.428
126) Hexachlorobenzene	(4)	8.458	284	164304	51.085
130) Pentachlorophenol	(4)	8.629	266	16697	8.779
134) Phenanthrene-d10	(4)	8.773	188	526138	40.000
136) Phenanthrene	(4)	8.795	178	682942	48.942
137) Anthracene	(4)	8.838	178	700128	49.251
139) Carbazole	(4)	8.982	167	669286	48.281
141) Di-n-butylphthalate	(4)	9.292	149	753433	50.925
146) Fluoranthene	(4)	9.763	202	783809	46.699
153) Pyrene	(5)	9.950	202	840876	50.269
160) Butylbenzylphthalate	(5)	10.512	149	329744	49.000
163) 3,3'-Dichlorobenzidine	(5)	10.940	252	245293	42.816
165) Benzo(a)anthracene	(5)	10.950	228	843382	50.790
166) Chrysene-d12	(5)	10.956	240	565493	40.000
167) Chrysene	(5)	10.982	228	822492	49.376
168) bis(2-Ethylhexyl)phthalate	(5)	11.020	149	449445	51.943
169) Di-n-octylphthalate	(6)	11.662	149	742760	49.928
171) Benzo(b)fluoranthene	(6)	12.004	252	880766M	52.984
172) Benzo(k)fluoranthene	(6)	12.036	252	813077M	46.476
173) Benzo(a)pyrene	(6)	12.352	252	753591	51.062
174) Perylene-d12	(6)	12.411	264	435071	40.000
176) Indeno(1,2,3-cd)pyrene	(6)	13.635	276	912024	49.912
177) Dibenz(a,h)anthracene	(6)	13.673	278	789689	53.765
178) Benzo(g,h,i)perylene	(6)	13.946	276	779226	49.625
9) 2-Fluorophenol	(1)	3.639	112	517938	123.398
15) Phenol-d6	(1)	4.639	99	499215	85.141
38) Nitrobenzene-d5	(2)	5.452	82	517846	94.544
77) 2-Fluorobiphenyl	(3)	7.014	172	820077	91.332
118) 2,4,6-Tribromophenol	(3)	8.212	330	325262	215.011
155) Terphenyl-d14	(5)	10.095	244	935378	76.299

M = Compound was manually integrated. A = User selected an alternate hit

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP11165.i/07dec04a.b/gl0104.d Instrument ID: HP11165.i
Injection date and time: 04-DEC-2007 23:59 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07dec04a.b/minti.m Sublist used: all1
Calibration date and time: 04-DEC-2007 22:50
Date, time and analyst ID of latest file update: 05-Dec-2007 00:17 Automation

Sample Name: BCD02MS Lab Sample ID: 5223998

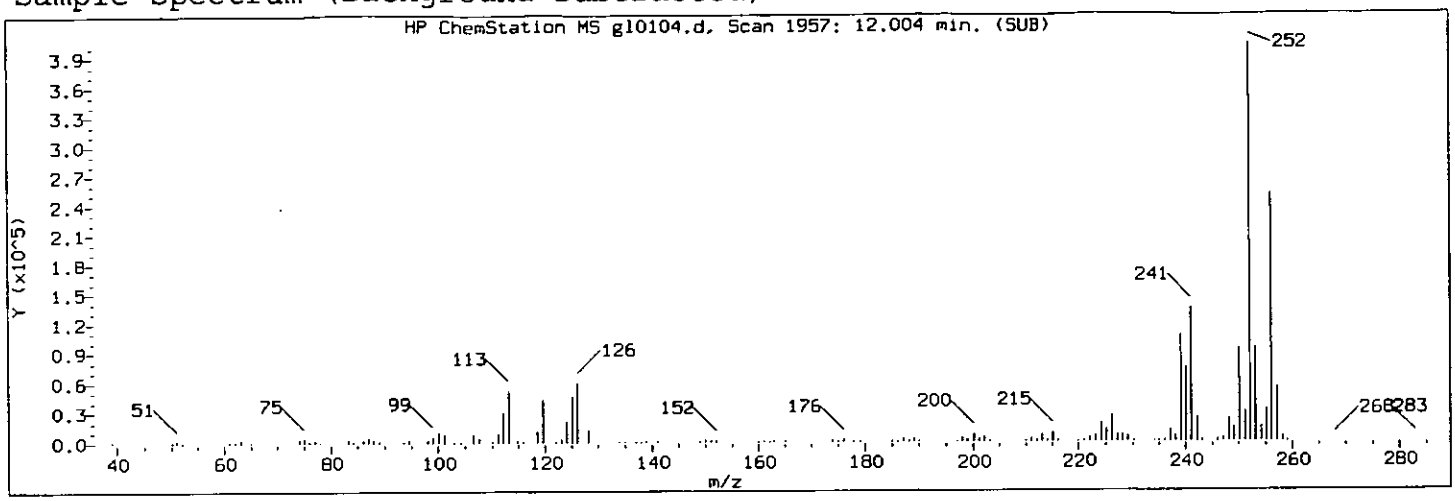
Compound Number	:	171
Compound Name	:	Benzo(b)fluoranthene
Scan Number	:	1957
Retention Time (minutes)	:	12.004
Quant Ion	:	252
Area	:	795341
Concentration (ng/ul)	:	47.8454
Integration start scan	:	1950 Integration stop scan: 1959
Y at integration start	:	0 Y at integration end: 36730

SM6 | 9+6
12.5.07

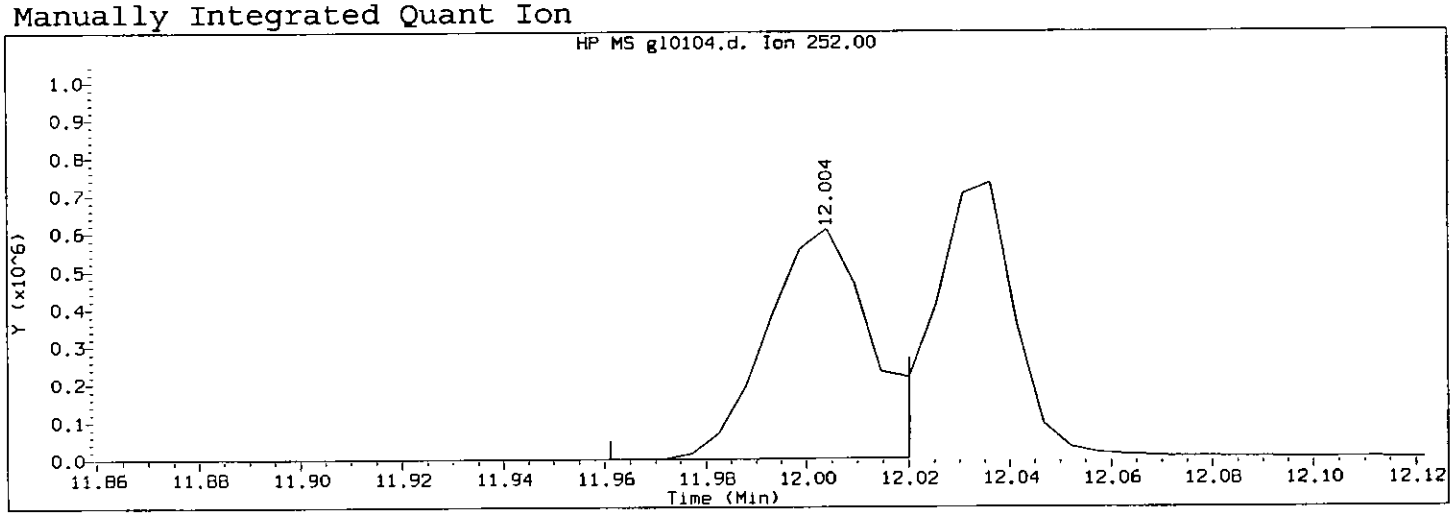
0634

Original Integration Report for data file /chem/HP11165.i/07dec04a.b/gl0104.d, generated on 12/05/2007 at 05:18

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP11165.i/07dec04a.b/gl0104.d Instrument ID: HP11165.i
Injection date and time: 04-DEC-2007 23:59 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07dec04a.b/minti.m Sublist used: WTC8
Calibration date and time: 04-DEC-2007 22:50
Date, time and analyst ID of latest file update: 05-Dec-2007 05:18 jmg00346

Sample Name: BCD02MS Lab Sample ID: 5223998

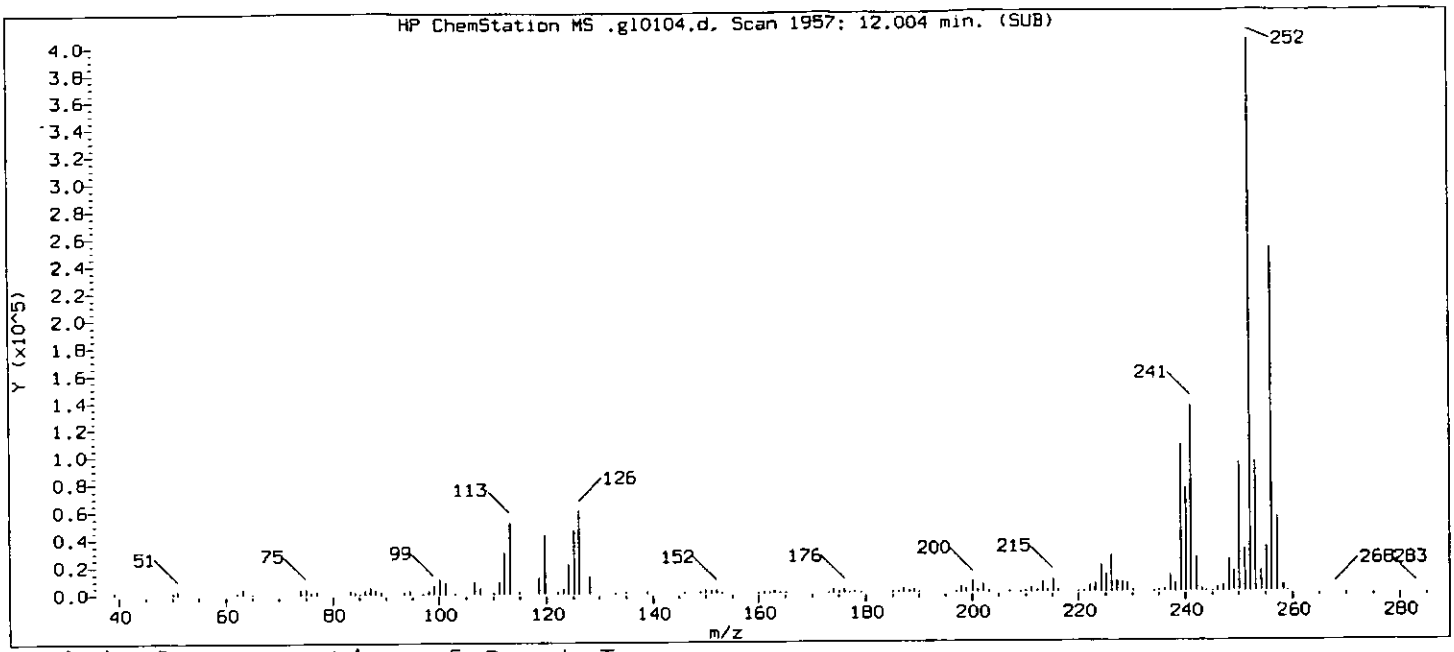
Compound Number	:	171
Compound Name	:	Benzo(b)fluoranthene
Scan Number	:	1957
Retention Time (minutes)	:	12.004
Quant Ion	:	252
Area (flag)	:	880766 M
Concentration (ng/ul)	:	52.9843
Integration start scan	:	1948 Integration stop scan: 1959
Y at integration start	:	0 Y at integration end: 1457

Reason for manual integration (circle one): missed peak (improper integration)

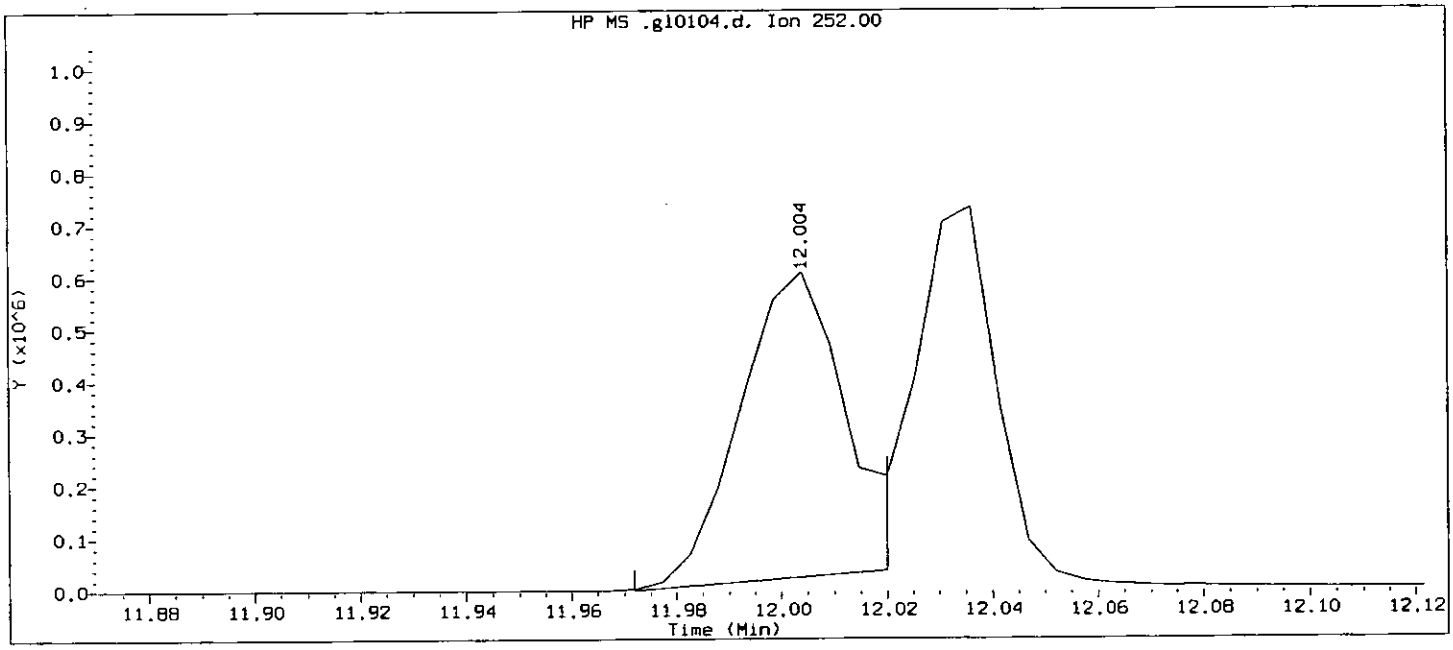
Analyst responsible for change: _____ 12-5-07

GC/MS audit/management approval: _____

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP11165.i/07dec04a.b/gl0104.d Instrument ID: HP11165.i
Injection date and time: 04-DEC-2007 23:59 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07dec04a.b/minti.m Sublist used: all
Calibration date and time: 04-DEC-2007 22:50
Date, time and analyst ID of latest file update: 05-Dec-2007 00:17 Automation

Sample Name: BCD02MS Lab Sample ID: 5223998

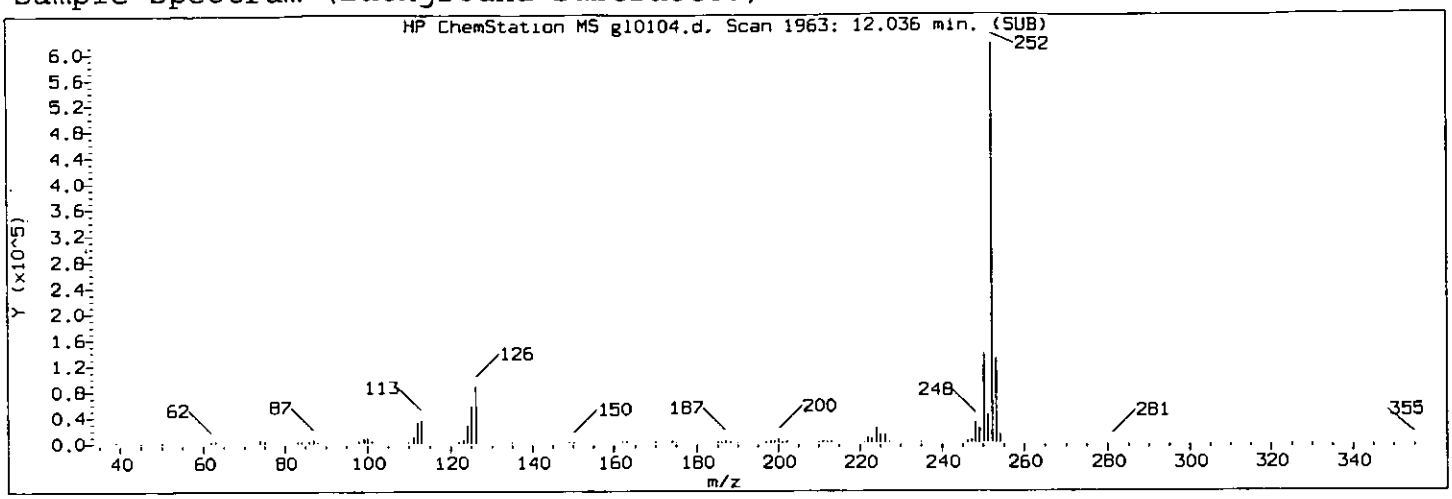
Compound Number	:	172
Compound Name	:	Benzo(k)fluoranthene
Scan Number	:	1957
Retention Time (minutes)	:	12.004
Quant Ion	:	252
Area	:	795331
Concentration (ng/ul)	:	45.4611
Integration start scan	:	1950
Integration stop scan	:	1959
Y at integration start	:	0
Y at integration end	:	36737

JMG 12-5-07

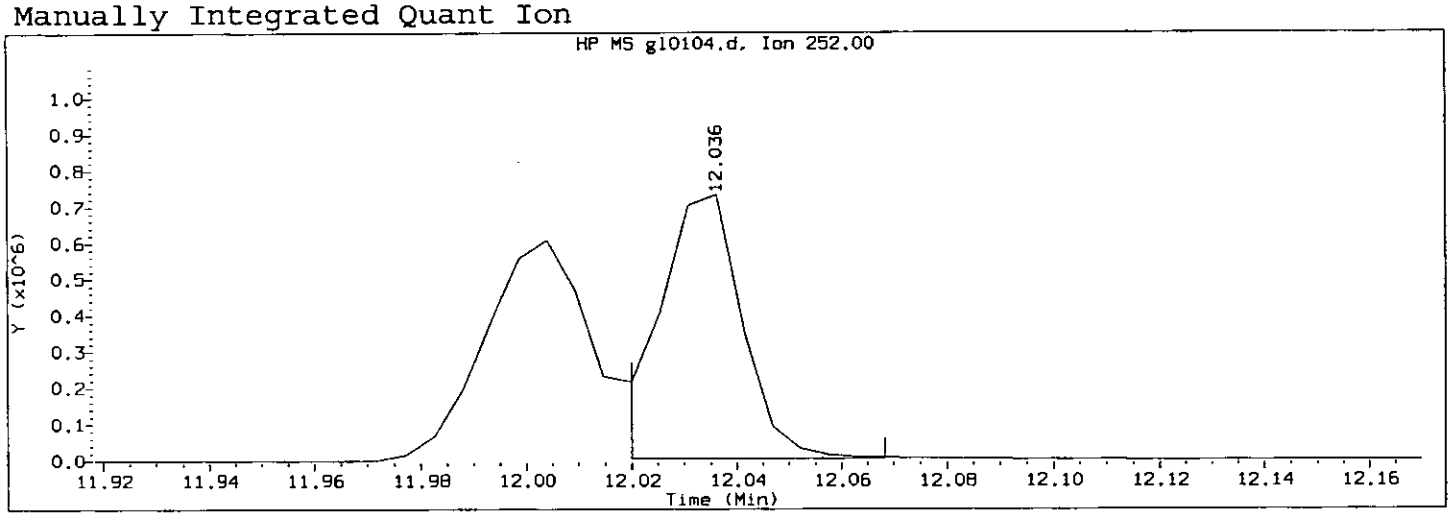
8636

Original Integration Report for data file /chem/HP11165.i/07dec04a.b/gl0104.d, generated on 12/05/2007 at 05:18

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP11165.i/07dec04a.b/g10104.d Instrument ID: HP11165.i
Injection date and time: 04-DEC-2007 23:59 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07dec04a.b/minti.m Sublist used: WTC8
Calibration date and time: 04-DEC-2007 22:50
Date, time and analyst ID of latest file update: 05-Dec-2007 05:18 jmg00346

Sample Name: BCD02MS Lab Sample ID: 5223998

Compound Number	: 172	
Compound Name	: Benzo(k)fluoranthene	
Scan Number	: 1963	
Retention Time (minutes)	: 12.036	
Quant Ion	: 252	
Area (flag)	: 813077	M
Concentration (ng/ul)	: 46.4756	
Integration start scan	: 1959	Integration stop scan: 1968
Y at integration start	: 4697	Y at integration end: 4697

Reason for manual integration (circle one): missed peak (improper integration)

Analyst responsible for change: [signature] 12-5-07

GC/MS audit/management approval: [signature] 12/6/07

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCD02MSD

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 5223999

Sample wt/vol: 1000 (g/mL)ML Lab File ID: gl0105.d

Level: (low/med) LOW Date Received: 11/30/07

% Moisture: not dec: dec: Date Extracted: 12/04/07

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/05/07

Injection Volume: 1 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Extraction: Sepf

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	LOQ	UG/L	Q
108-95-2	Phenol			21	
111-44-4	bis(2-Chloroethyl)ether			49	
95-57-8	2-Chlorophenol			48	
541-73-1	1,3-Dichlorobenzene			46	
106-46-7	1,4-Dichlorobenzene			47	
95-50-1	1,2-Dichlorobenzene			46	
95-48-7	2-Methylphenol			44	
108-60-1	2,2'-oxybis(1-Chloropropane)			40	
621-64-7	N-Nitroso-di-n-propylamine			49	
106-44-5	4-Methylphenol			42	
67-72-1	Hexachloroethane			46	
98-95-3	Nitrobenzene			47	
78-59-1	Isophorone			46	
88-75-5	2-Nitrophenol			54	
105-67-9	2,4-Dimethylphenol			47	
111-91-1	bis(2-Chloroethoxy)methane			49	
120-83-2	2,4-Dichlorophenol			50	
120-82-1	1,2,4-Trichlorobenzene			47	
91-20-3	Naphthalene			47	
106-47-8	4-Chloroaniline			39	
87-68-3	Hexachlorobutadiene			48	
59-50-7	4-Chloro-3-methylphenol			51	
91-57-6	2-Methylnaphthalene			49	
77-47-4	Hexachlorocyclopentadiene			80	
88-06-2	2,4,6-Trichlorophenol			48	
95-95-4	2,4,5-Trichlorophenol			47	
91-58-7	2-Chloronaphthalene			39	
88-74-4	2-Nitroaniline			52	
131-11-3	Dimethylphthalate			47	
606-20-2	2,6-Dinitrotoluene			53	

0638

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCD02MSD

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 5223999

Sample wt/vol: 1000 (g/mL)ML Lab File ID: gl0105.d

Level: (low/med) LOW Date Received: 11/30/07

% Moisture: not dec: dec: Date Extracted: 12/04/07

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/05/07

Injection Volume: 1 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Extraction: Sepf

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	LOQ UG/L	Q
208-96-8	Acenaphthylene		51	
99-09-2	3-Nitroaniline		48	
83-32-9	Acenaphthene		48	
51-28-5	2,4-Dinitrophenol		21	J
100-02-7	4-Nitrophenol		20	J
132-64-9	Dibenzofuran		48	
121-14-2	2,4-Dinitrotoluene		51	
84-66-2	Diethylphthalate		48	
86-73-7	Fluorene		50	
7005-72-3	4-Chlorophenyl-phenylether		49	
100-01-6	4-Nitroaniline		40	
534-52-1	4,6-Dinitro-2-methylphenol		41	
86-30-6	N-Nitrosodiphenylamine		48	
101-55-3	4-Bromophenyl-phenylether		50	
118-74-1	Hexachlorobenzene		50	
87-86-5	Pentachlorophenol		11	J
85-01-8	Phenanthrene		49	
120-12-7	Anthracene		49	
86-74-8	Carbazole		48	
84-74-2	Di-n-butylphthalate		50	
206-44-0	Fluoranthene		45	
129-00-0	Pyrene		52	
85-68-7	Butylbenzylphthalate		49	
91-94-1	3,3'-Dichlorobenzidine		39	
56-55-3	Benzo(a)anthracene		50	
218-01-9	Chrysene		49	
117-81-7	bis(2-Ethylhexyl)phthalate		53	
117-84-0	Di-n-octylphthalate		49	
205-99-2	Benzo(b)fluoranthene		50	
207-08-9	Benzo(k)fluoranthene		47	

0639

1C cont

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCD02MSD

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 5223999

Sample wt/vol: 1000 (g/mL) ML Lab File ID: gl0105.d

Level: (low/med) LOW Date Received: 11/30/07

% Moisture: not dec: dec: Date Extracted: 12/04/07

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/05/07

Injection Volume: 1 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Extraction: Sepf

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) LOQ UG/L	Q
50-32-8	Benzo(a)pyrene	51	
193-39-5	Indeno(1,2,3-cd)pyrene	50	
53-70-3	Dibenz(a,h)anthracene	53	
191-24-2	Benzo(g,h,i)perylene	50	

8640

BCD02MSD

Lancaster Labs
Quantitation Report GC/MS Semi-Volatiles

5223999

Data file: /chem/HP11165.i/07dec04a.b/gl0105.d Blank Data file reference:/chem/HP11165.i/07dec04a.b/gl0092.d
Injection date and time: 05-DEC-2007 00:24 Instrument ID: HP11165.i Batch: 07337WAD
Date, time and analyst ID of latest file update: 05-Dec-2007 05:17 jmg00346

Method used: /chem/HP11165.i/07dec04a.b/minti.m Sublist used: WTC8
Calibration date and time (Last Method Edit): 04-DEC-2007 22:50
Mid Level Daily Calibration Standard Reference: /chem/HP11165.i/07dec04a.b/gl0091.d

Sample Concentration Formula: On-Column Amount * DF * Uf * Vt/(Vo * Vi) Matrix: WATER GPC Cleanup: No

Dilution Factor (DF): 1 Unit Correction Factor (Uf): 1 Volume Injected (Vi): 1 ul
GPC Cleanup Factor (gpcf): 1 Sample Volume (Vo): 1000.0 ml Final Extract Volume (Vt): 1000 ul

Internal Standards	RT (+/-RT)	Scan	QIon	Area(+/- %Area)	Conc(ng/ul)	QC Flag
21) 1,4-Dichlorobenzene-d4	4.928(0.000)	634	152.0	96685(-14)	40.00	
52) Naphthalene-d8	6.078(0.005)	849	136.0	405180(-18)	40.00	
97) Acenaphthene-d10	7.559(0.005)	1126	164.0	257620(-19)	40.00	
134) Phenanthrene-d10	8.774(0.011)	1353	188.0	515293(-20)	40.00	
166) Chrysene-d12	10.961(0.005)	1762	240.0	537617(-26)	40.00	
174) Perylene-d12	12.411(0.011)	2033	264.0	409465(-28)	40.00	

= RETENTION TIME OUT OF RANGE * = INTERNAL STANDARD OUT OF RANGE NC = NOT ABLE TO CALCULATE

Surrogate Standards	I.S. Ref.	RT (+/-RRT)	QIon	Area	Conc. (on column)	%Rec.	QC flags	QC Limits
9) 2-Fluorophenol	(1)	3.639(0.001)	112	502087	121.996	61%		10 - 103
15) Phenol-d6	(1)	4.639(0.001)	99	481484	83.747	42%		10 - 82
38) Nitrobenzene-d5	(2)	5.452(0.000)	82	504960	92.381	92%		51 - 123
77) 2-Fluorobiphenyl	(3)	7.014(0.000)	172	799467	92.039	92%		63 - 118
118) 2,4,6-Tribromophenol	(3)	8.212(0.000)	330	322436	220.331	110%		20 - 159
155) Terphenyl-d14	(5)	10.095(0.000)	244	864939	74.212	74%		52 - 151

= RELATIVE RETENTION TIME OUT OF RANGE * = PERCENT REC.OUT OF RANGE D = DILUTED OUT NC = NOT ABLE TO CALCULATE

Target Compounds	I.S. Ref.	RT (+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit (ng/ul)
16) Phenol	(1)	4.650(0.002)	94	139639	20.642	20.64			1.00
18) bis(2-Chloroethyl)ether	(1)	4.703(0.001)	93	240153	49.110	49.11			1.00
19) 2-Chlorophenol	(1)	4.730(0.001)	128	177247	47.839	47.84			1.00
20) 1,3-Dichlorobenzene	(1)	4.864(0.001)	146	170270	45.842	45.84			1.00
22) 1,4-Dichlorobenzene	(1)	4.944(0.000)	146	180946	47.384	47.38			1.00
25) 1,2-Dichlorobenzene	(1)	5.078(0.001)	146	165713	46.126	46.13			1.00
26) 2-Methylphenol	(1)	5.217(0.005)	108	191746	43.519	43.52			1.00
27) 2,2'-oxybis(1-Chloropropane)	(1)	5.217(0.001)	45	232410	40.237	40.24			1.00
31) N-Nitroso-di-n-propylamine	(1)	5.340(0.003)	70	193351	48.576	48.58			1.00
33) 4-Methylphenol	(1)	5.361(0.002)	108	204846	42.231	42.23			2.00
37) Hexachloroethane	(1)	5.388(0.000)	117	73650	45.672	45.67			1.00
39) Nitrobenzene	(2)	5.468(0.001)	77	272919	46.943	46.94			1.00
41) Isophorone	(2)	5.693(0.001)	82	462120	46.455	46.45			1.00
42) 2-Nitrophenol	(2)	5.752(0.000)	139	99629	53.675	53.68			1.00
44) 2,4-Dimethylphenol	(2)	5.826(0.001)	107	228468	47.271	47.27			3.00
46) bis(2-Chloroethoxy)methane	(2)	5.907(0.000)	93	286065	48.972	48.97			1.00
49) 2,4-Dichlorophenol	(2)	5.982(0.000)	162	154523	49.521	49.52			1.00
50) 1,2,4-Trichlorobenzene	(2)	6.035(0.000)	180	151730	46.959	46.96			1.00
53) Naphthalene	(2)	6.099(-0.001)	128	538311	46.997	47.00			1.00
55) 4-Chloroaniline	(2)	6.163(0.001)	127	176881	39.132	39.13			1.00
59) Hexachlorobutadiene	(2)	6.212(0.000)	225	94927	48.095	48.10			1.00
67) 4-Chloro-3-methylphenol	(2)	6.607(0.002)	107	216366	51.368	51.37			1.00

8641

BCD02MSD

Lancaster Labs
Quantitation Report GC/MS Semi-Volatiles

5223999

Data file: /chem/HP11165.i/07dec04a.b/gl0105.d Blank Data file reference:/chem/HP11165.i/07dec04a.b/gl0092.d
Injection date and time: 05-DEC-2007 00:24 Instrument ID: HP11165.i Batch: 07337WAD
Date, time and analyst ID of latest file update: 05-Dec-2007 05:17 jmg00346

Method used: /chem/HP11165.i/07dec04a.b/minti.m Sublist used: **WTC8**
Calibration date and time (Last Method Edit): 04-DEC-2007 22:50
Mid Level Daily Calibration Standard Reference: /chem/HP11165.i/07dec04a.b/gl0091.d

Sample Concentration Formula: On-Column Amount * DF * Uf * Vt/(Vo * Vi) Matrix: WATER GPC Cleanup: No

Dilution Factor (DF): 1 Unit Correction Factor (Uf): 1 Volume Injected (Vi): 1 ul
GPC Cleanup Factor (gpcf): 1 Sample Volume (Vo): 1000.0 ml Final Extract Volume (Vt): 1000 ul

Target Compounds	I.S. Ref.	RT (+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit (ng/ul)
69) 2-Methylnaphthalene	(2)	6.693(0.000)	142	357762	48.619	48.62			1.00
71) Hexachlorocyclopentadiene	(3)	6.827(0.000)	237	157984	79.665	79.67			5.00
74) 2,4,6-Trichlorophenol	(3)	6.944(0.001)	196	115274	48.478	48.48			1.00
76) 2,4,5-Trichlorophenol	(3)	6.976(0.001)	196	130089	47.152	47.15			1.00
83) 2-Chloronaphthalene	(3)	7.099(0.001)	162	338148	39.140	39.14			2.00
88) 2-Nitroaniline	(3)	7.201(0.001)	138	130543	51.979	51.98			1.00
91) Dimethylphthalate	(3)	7.367(0.001)	163	390983	46.548	46.55			2.00
93) 2,6-Dinitrotoluene	(3)	7.410(0.001)	165	99726	52.830	52.83			1.00
94) Acenaphthylene	(3)	7.442(0.000)	152	596556	51.338	51.34			1.00
96) 3-Nitroaniline	(3)	7.543(0.001)	138	108010	47.576	47.58			1.00
98) Acenaphthene	(3)	7.586(0.000)	153	372875	48.361	48.36			1.00
99) 2,4-Dinitrophenol	(3)	7.634(0.001)	184	16205	21.053	21.05			20.00
102) 4-Nitrophenol	(3)	7.715(0.001)	109	29815	19.840	19.84			10.00
103) Dibenzofuran	(3)	7.731(0.000)	168	541553	47.920	47.92			1.00
104) 2,4-Dinitrotoluene	(3)	7.741(0.001)	165	126155	50.619	50.62			1.00
108) Diethylphthalate	(3)	7.950(0.001)	149	416619	48.005	48.01			2.00
110) Fluorene	(3)	8.009(0.001)	166	469292	49.727	49.73			1.00
111) 4-Chlorophenyl-phenylether	(3)	8.025(0.000)	204	229132	49.254	49.25			2.00
113) 4-Nitroaniline	(3)	8.046(0.002)	138	98098	39.522	39.52			1.00
114) 4,6-Dinitro-2-methylphenol	(4)	8.073(0.001)	198	68001	40.535	40.53			5.00
116) N-Nitrosodiphenylamine	(4)	8.126(-0.001)	169	338707	47.917	47.92			2.00
124) 4-Bromophenyl-phenylether	(4)	8.421(-0.001)	248	138519	50.034	50.03			1.00
126) Hexachlorobenzene	(4)	8.458(-0.001)	284	158412	50.290	50.29			1.00
130) Pentachlorophenol	(4)	8.629(0.000)	266	19746	10.601	10.60			3.00
136) Phenanthrene	(4)	8.795(0.000)	178	671810	49.157	49.16			1.00
137) Anthracene	(4)	8.838(0.000)	178	679877	48.833	48.83			1.00
139) Carbazole	(4)	8.977(0.000)	167	647915	47.723	47.72			1.00
141) Di-n-butylphthalate	(4)	9.292(-0.001)	149	722325	49.850	49.85			2.00
146) Fluoranthene	(4)	9.763(0.000)	202	744930	45.317	45.32			1.00
153) Pyrene	(5)	9.945(0.001)	202	819010	51.501	51.50			1.00
160) Butylbenzylphthalate	(5)	10.512(0.000)	149	311920	48.755	48.75			2.00
163) 3,3'-Dichlorobenzidine	(5)	10.940(0.001)	252	213821	39.258	39.26			2.00
165) Benzo(a)anthracene	(5)	10.950(0.000)	228	786690	49.832	49.83			1.00
167) Chrysene	(5)	10.983(0.000)	228	773240	48.826	48.83			1.00
168) bis(2-Ethylhexyl)phthalate	(5)	11.020(0.000)	149	435984	53.000	53.00			2.00
169) Di-n-octylphthalate	(6)	11.662(0.000)	149	688708	49.250	49.25			2.00
171) Benzo(b)fluoranthene	(6)	12.004(0.001)	252	779164	49.803	49.80			1.00
172) Benzo(k)fluoranthene	(6)	12.036(0.000)	252	774205	47.021	47.02			1.00
173) Benzo(a)pyrene	(6)	12.352(0.000)	252	712835	51.321	51.32			1.00
176) Indeno(1,2,3-cd)pyrene	(6)	13.635(0.001)	276	856409	49.799	49.80			1.00
177) Dibenz(a,h)anthracene	(6)	13.668(0.001)	278	731508	52.918	52.92			1.00

BCD02MSD

Lancaster Labs
Quantitation Report GC/MS Semi-Volatiles

5223999

Data file: /chem/HP11165.i/07dec04a.b/gl0105.d Blank Data file reference:/chem/HP11165.i/07dec04a.b/gl0092.d
Injection date and time: 05-DEC-2007 00:24 Instrument ID: HP11165.i Batch: 07337WAD
Date, time and analyst ID of latest file update: 05-Dec-2007 05:17 jmg00346

Method used: /chem/HP11165.i/07dec04a.b/minti.m Sublist used: WTC8
Calibration date and time (Last Method Edit): 04-DEC-2007 22:50
Mid Level Daily Calibration Standard Reference: /chem/HP11165.i/07dec04a.b/gl0091.d

Sample Concentration Formula: On-Column Amount * DF * Uf * Vt/(Vo * Vi) Matrix: WATER GPC Cleanup: No

Dilution Factor (DF): 1 Unit Correction Factor (Uf): 1 Volume Injected (Vi): 1 ul
GPC Cleanup Factor (gpcf): 1 Sample Volume (Vo): 1000.0 ml Final Extract Volume (Vt): 1000 ul

Target Compounds	I.S. Ref.	RT	(+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit (ng/ul)
178) Benzo(g,h,i)perylene	(6)	13.940	(0.001)	276	743060	50.281	50.28			1.00

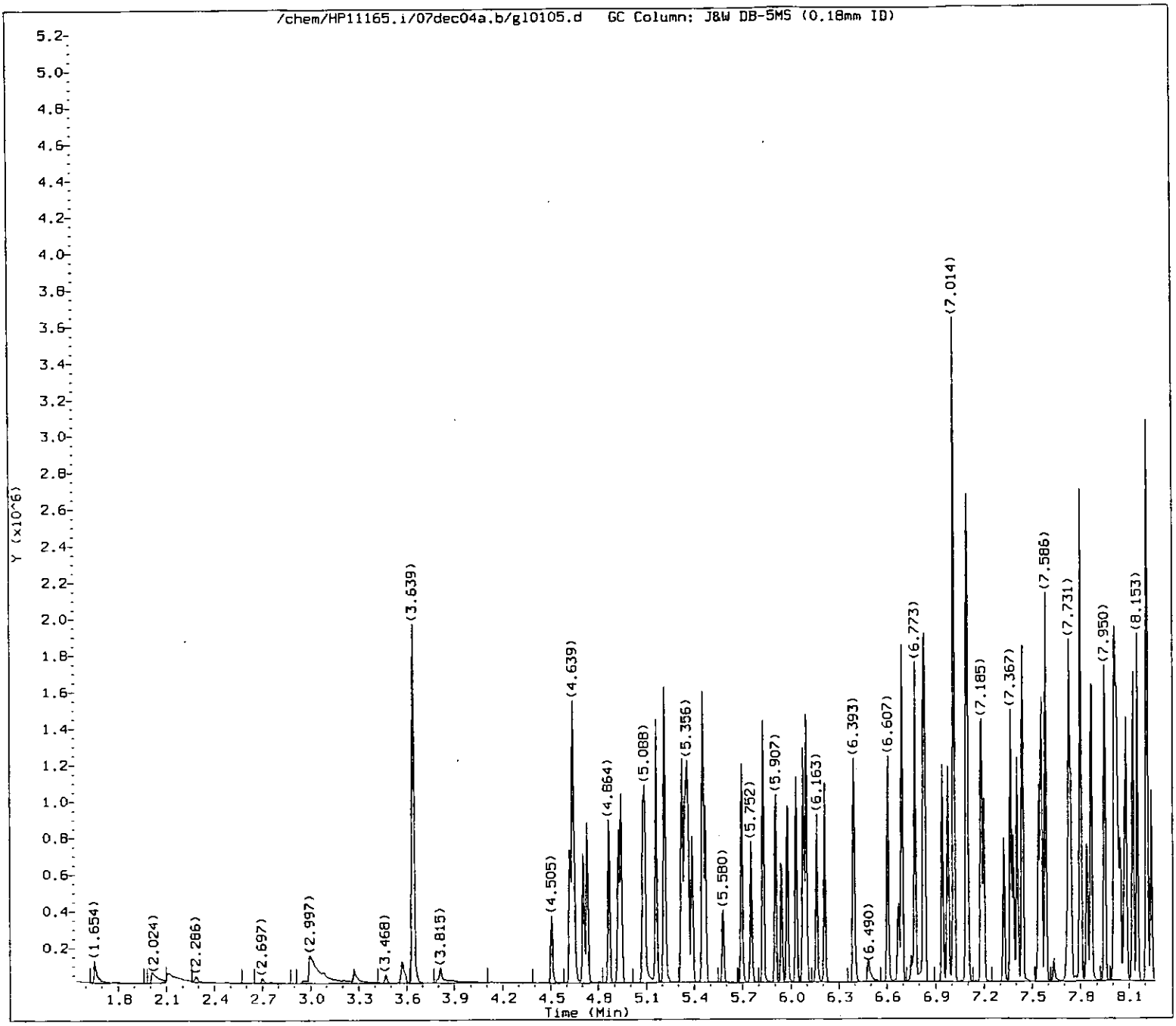
E = CONC. OUT OF CAL. RANGE # = RELATIVE RETENTION TIME OUT OF RANGE

Total number of targets = 64

Comments:

Analyst: Date: 12-5-07
Auditor: Date: 12/5/07

8643



Quant Report

Target Revision 3.5

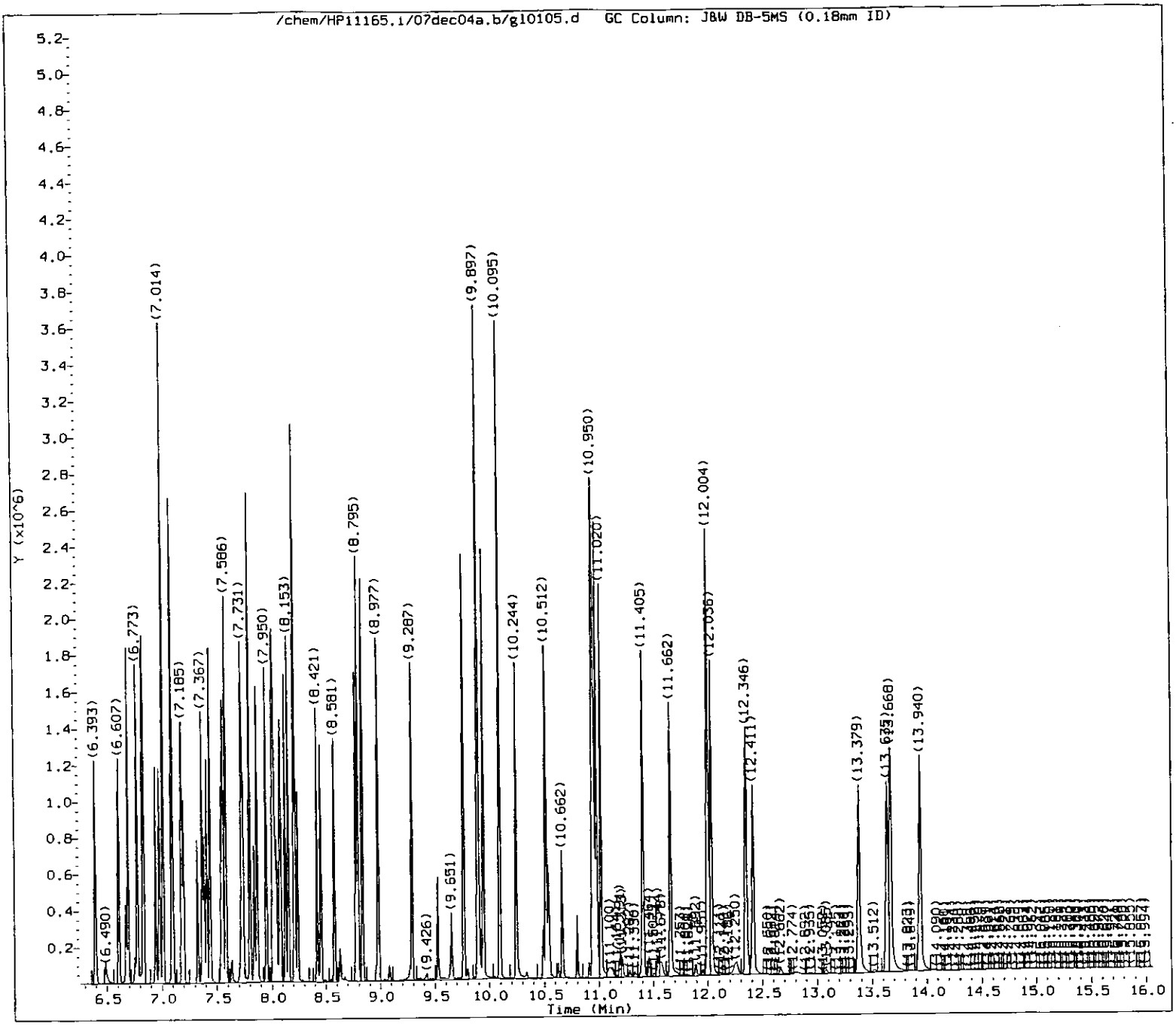
Data File: /chem/HP11165.i/07dec04a.b/gl0105.d Instrument ID: HP11165.i
Injection date and time: 05-DEC-2007 00:24 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07dec04a.b/minti.m Sublist used: WTC8
Calibration date and time: 04-DEC-2007 22:50
Date, time and analyst ID of latest file update: 05-Dec-2007 05:17 jmg00346

Sample Name: BCD02MSD Lab Sample ID: 5223999

JMG 5446
12-5-07

8644



Quant Report

Target Revision 3.5

Data File: /chem/HP11165.i/07dec04a.b/gl0105.d Instrument ID: HP11165.i
Injection date and time: 05-DEC-2007 00:24 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07dec04a.b/minti.m Sublist used: WTC8
Calibration date and time: 04-DEC-2007 22:50
Date, time and analyst ID of latest file update: 05-Dec-2007 05:17 jmg00346

Sample Name: BCD02MSD Lab Sample ID: 5223999

JMG 5/6
12.5.07

9645

Quant Report

Target Revision 3.5

Data File: /chem/HP11165.i/07dec04a.b/gl0105.d Instrument ID: HP11165.i
Injection date and time: 05-DEC-2007 00:24 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07dec04a.b/minti.m Sublist used: WTC8
Calibration date and time: 04-DEC-2007 22:50
Date, time and analyst ID of latest file update: 05-Dec-2007 05:17 jmg00346

Sample Name: BCD02MSD Lab Sample ID: 5223999

	Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
16)	Phenol	(1)	4.650	94	139639	20.642
18)	bis(2-Chloroethyl)ether	(1)	4.703	93	240153	49.110
19)	2-Chlorophenol	(1)	4.730	128	177247	47.839
20)	1,3-Dichlorobenzene	(1)	4.864	146	170270	45.842
21)	1,4-Dichlorobenzene-d4	(1)	4.928	152	96685	40.000
22)	1,4-Dichlorobenzene	(1)	4.944	146	180946	47.384
25)	1,2-Dichlorobenzene	(1)	5.078	146	165713	46.126
26)	2-Methylphenol	(1)	5.217	108	191746	43.519
27)	2,2'-oxybis(1-Chloropropane)	(1)	5.217	45	232410	40.237
31)	N-Nitroso-di-n-propylamine	(1)	5.340	70	193351	48.576
33)	4-Methylphenol	(1)	5.361	108	204846	42.231
37)	Hexachloroethane	(1)	5.388	117	73650	45.672
39)	Nitrobenzene	(2)	5.468	77	272919	46.943
41)	Isophorone	(2)	5.693	82	462120	46.455
42)	2-Nitrophenol	(2)	5.752	139	99629	53.675
44)	2,4-Dimethylphenol	(2)	5.826	107	228468	47.271
46)	bis(2-Chloroethoxy)methane	(2)	5.907	93	286065	48.972
49)	2,4-Dichlorophenol	(2)	5.982	162	154523	49.521
50)	1,2,4-Trichlorobenzene	(2)	6.035	180	151730	46.959
52)	Naphthalene-d8	(2)	6.078	136	405180	40.000
53)	Naphthalene	(2)	6.099	128	538311	46.997
55)	4-Chloroaniline	(2)	6.163	127	176881	39.132
59)	Hexachlorobutadiene	(2)	6.212	225	94927	48.095
67)	4-Chloro-3-methylphenol	(2)	6.607	107	216366	51.368
69)	2-Methylnaphthalene	(2)	6.693	142	357762	48.619
71)	Hexachlorocyclopentadiene	(3)	6.827	237	157984	79.665
74)	2,4,6-Trichlorophenol	(3)	6.944	196	115274	48.478
76)	2,4,5-Trichlorophenol	(3)	6.976	196	130089	47.152
83)	2-Chloronaphthalene	(3)	7.099	162	338148	39.140
88)	2-Nitroaniline	(3)	7.201	138	130543	51.979
91)	Dimethylphthalate	(3)	7.367	163	390983	46.548
93)	2,6-Dinitrotoluene	(3)	7.410	165	99726	52.830
94)	Acenaphthylene	(3)	7.442	152	596556	51.338
96)	3-Nitroaniline	(3)	7.543	138	108010	47.576
97)	Acenaphthene-d10	(3)	7.559	164	257620	40.000
98)	Acenaphthene	(3)	7.586	153	372875	48.361
99)	2,4-Dinitrophenol	(3)	7.634	184	16205	21.053
102)	4-Nitrophenol	(3)	7.715	109	29815	19.840
103)	Dibenzofuran	(3)	7.731	168	541553	47.920
104)	2,4-Dinitrotoluene	(3)	7.741	165	126155	50.619
108)	Diethylphthalate	(3)	7.950	149	416619	48.005
110)	Fluorene	(3)	8.009	166	469292	49.727

M = Compound was manually integrated. A = User selected an alternate hit

Quant Report

Target Revision 3.5

Data File: /chem/HP11165.i/07dec04a.b/gl0105.d Instrument ID: HP11165.i
Injection date and time: 05-DEC-2007 00:24 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07dec04a.b/minti.m Sublist used: WTC8
Calibration date and time: 04-DEC-2007 22:50
Date, time and analyst ID of latest file update: 05-Dec-2007 05:17 jmg00346

Sample Name: BCD02MSD Lab Sample ID: 5223999

	Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
111)	4-Chlorophenyl-phenylether	(3)	8.025	204	229132	49.254
113)	4-Nitroaniline	(3)	8.046	138	98098	39.522
114)	4,6-Dinitro-2-methylphenol	(4)	8.073	198	68001	40.535
116)	N-Nitrosodiphenylamine	(4)	8.126	169	338707	47.917
124)	4-Bromophenyl-phenylether	(4)	8.421	248	138519	50.034
126)	Hexachlorobenzene	(4)	8.458	284	158412	50.290
130)	Pentachlorophenol	(4)	8.629	266	19746	10.601
134)	Phenanthrene-d10	(4)	8.774	188	515293	40.000
136)	Phenanthrene	(4)	8.795	178	671810	49.157
137)	Anthracene	(4)	8.838	178	679877	48.833
139)	Carbazole	(4)	8.977	167	647915	47.723
141)	Di-n-butylphthalate	(4)	9.292	149	722325	49.850
146)	Fluoranthene	(4)	9.763	202	744930	45.317
153)	Pyrene	(5)	9.945	202	819010	51.501
160)	Butylbenzylphthalate	(5)	10.512	149	311920	48.755
163)	3,3'-Dichlorobenzidine	(5)	10.940	252	213821	39.258
165)	Benzo(a)anthracene	(5)	10.950	228	786690	49.832
166)	Chrysene-d12	(5)	10.961	240	537617	40.000
167)	Chrysene	(5)	10.983	228	773240	48.826
168)	bis(2-Ethylhexyl)phthalate	(5)	11.020	149	435984	53.000
169)	Di-n-octylphthalate	(6)	11.662	149	688708	49.250
171)	Benzo(b)fluoranthene	(6)	12.004	252	779164	49.803
172)	Benzo(k)fluoranthene	(6)	12.036	252	774205	47.021
173)	Benzo(a)pyrene	(6)	12.352	252	712835	51.321
174)	Perylene-d12	(6)	12.411	264	409465	40.000
176)	Indeno(1,2,3-cd)pyrene	(6)	13.635	276	856409	49.799
177)	Dibenz(a,h)anthracene	(6)	13.668	278	731508	52.918
178)	Benzo(g,h,i)perylene	(6)	13.940	276	743060	50.281
9)	2-Fluorophenol	(1)	3.639	112	502087	121.996
15)	Phenol-d6	(1)	4.639	99	481484	83.747
38)	Nitrobenzene-d5	(2)	5.452	82	504960	92.381
77)	2-Fluorobiphenyl	(3)	7.014	172	799467	92.039
118)	2,4,6-Tribromophenol	(3)	8.212	330	322436	220.331
155)	Terphenyl-d14	(5)	10.095	244	864939	74.212

M = Compound was manually integrated. A = User selected an alternate hit

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

337WDLCS7

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 337WDLCS

Sample wt/vol: 1000 (g/mL)ML Lab File ID: gl0093.d

Level: (low/med) LOW Date Received:

% Moisture: not dec: dec: Date Extracted: 12/04/07

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/04/07

Injection Volume: 1 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Extraction: Sepf

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	LOQ	UG/L	Q
108-95-2	Phenol		23		
111-44-4	bis(2-Chloroethyl)ether		51		
95-57-8	2-Chlorophenol		50		
541-73-1	1,3-Dichlorobenzene		47		
106-46-7	1,4-Dichlorobenzene		48		
95-50-1	1,2-Dichlorobenzene		48		
95-48-7	2-Methylphenol		46		
108-60-1	2,2'-oxybis(1-Chloropropane)		43		
621-64-7	N-Nitroso-di-n-propylamine		51		
106-44-5	4-Methylphenol		45		
67-72-1	Hexachloroethane		48		
98-95-3	Nitrobenzene		49		
78-59-1	Isophorone		49		
88-75-5	2-Nitrophenol		55		
105-67-9	2,4-Dimethylphenol		49		
111-91-1	bis(2-Chloroethoxy)methane		51		
120-83-2	2,4-Dichlorophenol		51		
120-82-1	1,2,4-Trichlorobenzene		50		
91-20-3	Naphthalene		49		
106-47-8	4-Chloroaniline		43		
87-68-3	Hexachlorobutadiene		50		
59-50-7	4-Chloro-3-methylphenol		54		
91-57-6	2-Methylnaphthalene		50		
77-47-4	Hexachlorocyclopentadiene		88		
88-06-2	2,4,6-Trichlorophenol		52		
95-95-4	2,4,5-Trichlorophenol		49		
91-58-7	2-Chloronaphthalene		41		
88-74-4	2-Nitroaniline		55		
131-11-3	Dimethylphthalate		50		
606-20-2	2,6-Dinitrotoluene		56		

8648

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

337WDLCS7

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 337WDLCS

Sample wt/vol: 1000 (g/mL)ML Lab File ID: gl0093.d

Level: (low/med) LOW Date Received:

% Moisture: not dec: dec: Date Extracted: 12/04/07

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/04/07

Injection Volume: 1 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Extraction: Sepf

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) LOQ UG/L	Q
208-96-8	Acenaphthylene	53	
99-09-2	3-Nitroaniline	51	
83-32-9	Acenaphthene	50	
51-28-5	2,4-Dinitrophenol	47	J
100-02-7	4-Nitrophenol	24	J
132-64-9	Dibenzofuran	50	
121-14-2	2,4-Dinitrotoluene	55	
84-66-2	Diethylphthalate	51	
86-73-7	Fluorene	52	
7005-72-3	4-Chlorophenyl-phenylether	51	
100-01-6	4-Nitroaniline	40	
534-52-1	4,6-Dinitro-2-methylphenol	50	
86-30-6	N-Nitrosodiphenylamine	50	
101-55-3	4-Bromophenyl-phenylether	53	
118-74-1	Hexachlorobenzene	52	
87-86-5	Pentachlorophenol	42	
85-01-8	Phenanthrene	51	
120-12-7	Anthracene	52	
86-74-8	Carbazole	51	
84-74-2	Di-n-butylphthalate	54	
206-44-0	Fluoranthene	50	
129-00-0	Pyrene	52	
85-68-7	Butylbenzylphthalate	51	
91-94-1	3,3'-Dichlorobenzidine	40	
56-55-3	Benzo(a)anthracene	52	
218-01-9	Chrysene	52	
117-81-7	bis(2-Ethylhexyl)phthalate	55	
117-84-0	Di-n-octylphthalate	53	
205-99-2	Benzo(b)fluoranthene	53	
207-08-9	Benzo(k)fluoranthene	51	

8649

1C cont

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

337WDLCS7

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 337WDLCS

Sample wt/vol: 1000 (g/mL)ML Lab File ID: gl0093.d

Level: (low/med) LOW Date Received:

% Moisture: not dec: dec: Date Extracted: 12/04/07

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/04/07

Injection Volume: 1 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Extraction: Sepf

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	LOQ	UG/L	Q
50-32-8	Benzo(a)pyrene			53	
193-39-5	Indeno(1,2,3-cd)pyrene			52	
53-70-3	Dibenz(a,h)anthracene			57	
191-24-2	Benzo(g,h,i)perylene			53	

3658

337WDLCS7

Lancaster Labs
Quantitation Report GC/MS Semi-Volatiles

337WDLCS

Data file: /chem/HP11165.i/07dec04a.b/gl0093.d Blank Data file reference:**/chem/HP11165.i/07dec04a.b/gl0092.d**
Injection date and time: 04-DEC-2007 19:29 Instrument ID: HP11165.i Batch: 07337WAD
Date, time and analyst ID of latest file update: 04-Dec-2007 19:52 gjd01970

Method used: /chem/HP11165.i/07dec04a.b/minti.m Sublist used: **WTC8**
Calibration date and time (Last Method Edit): 04-DEC-2007 19:29
Mid Level Daily Calibration Standard Reference: /chem/HP11165.i/07dec04a.b/gl0091.d

Sample Concentration Formula: On-Column Amount * DF * Uf * Vt/(Vo * Vi) Matrix: WATER GPC Cleanup: No

Dilution Factor (DF): 1 Unit Correction Factor (Uf): 1 Volume Injected (Vi): 1 ul
GPC Cleanup Factor (gpcf): 1 Sample Volume (Vo): 1000.0 ml Final Extract Volume (Vt): 1000 ul

Internal Standards	RT (+/-RT)	Scan	QIon	Area (+/- %Area)	Conc (ng/ul)	QC Flag
21) 1,4-Dichlorobenzene-d4	4.928(0.000)	634	152.0	90054(-20)	40.00	
52) Naphthalene-d8	6.078(0.005)	849	136.0	374795(-24)	40.00	
97) Acenaphthene-d10	7.559(0.005)	1126	164.0	244380(-23)	40.00	
134) Phenanthrene-d10	8.779(0.005)	1354	188.0	490255(-23)	40.00	
166) Chrysene-d12	10.961(0.005)	1762	240.0	550900(-24)	40.00	
174) Perylene-d12	12.416(0.005)	2034	264.0	432937(-24)	40.00	

= RETENTION TIME OUT OF RANGE * = INTERNAL STANDARD OUT OF RANGE NC = NOT ABLE TO CALCULATE

Surrogate Standards	I.S. Ref.	RT (+/-RRT)	QIon	Area	Conc. (on column)	%Rec.	QC flags	QC Limits
9) 2-Fluorophenol	(1)	3.644(0.000)	112	497070	129.670	65%		10 - 103
15) Phenol-d6	(1)	4.639(0.001)	99	495756	92.579	46%		10 - 82
38) Nitrobenzene-d5	(2)	5.452(0.000)	82	489271	96.767	97%		51 - 123
77) 2-Fluorobiphenyl	(3)	7.014(0.000)	172	787816	95.612	96%		63 - 118
118) 2,4,6-Tribromophenol	(3)	8.217(-0.001)	330	327199	235.699	118%		20 - 159
155) Terphenyl-d14	(5)	10.100(0.000)	244	1048283	87.774	88%		52 - 151

= RELATIVE RETENTION TIME OUT OF RANGE * = PERCENT REC.OUT OF RANGE D = DILUTED OUT NC = NOT ABLE TO CALCULATE

Target Compounds	I.S. Ref.	RT (+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit (ng/ul)
16) Phenol	(1)	4.655(0.001)	94	143323	22.747	22.75			1.00
18) bis(2-Chloroethyl)ether	(1)	4.708(0.000)	93	231870	50.908	50.91			1.00
19) 2-Chlorophenol	(1)	4.730(0.001)	128	170848	49.507	49.51			1.00
20) 1,3-Dichlorobenzene	(1)	4.869(0.000)	146	163889	47.373	47.37			1.00
22) 1,4-Dichlorobenzene	(1)	4.944(0.000)	146	170357	47.896	47.90			1.00
25) 1,2-Dichlorobenzene	(1)	5.083(0.000)	146	160411	47.938	47.94			1.00
26) 2-Methylphenol	(1)	5.217(0.005)	108	190000	46.298	46.30			1.00
27) 2,2'-oxybis(1-Chloropropane)	(1)	5.217(0.001)	45	229865	42.727	42.73			1.00
31) N-Nitroso-di-n-propylamine	(1)	5.340(0.003)	70	190781	51.460	51.46			1.00
33) 4-Methylphenol	(1)	5.361(0.002)	108	204629	45.293	45.29			2.00
37) Hexachloroethane	(1)	5.388(0.000)	117	72662	48.377	48.38			1.00
39) Nitrobenzene	(2)	5.468(0.001)	77	262227	48.761	48.76			1.00
41) Isophorone	(2)	5.698(0.000)	82	453985	49.337	49.34			1.00
42) 2-Nitrophenol	(2)	5.757(-0.001)	139	93838	54.654	54.65			1.00
44) 2,4-Dimethylphenol	(2)	5.826(0.001)	107	218944	48.973	48.97			3.00
46) bis(2-Chloroethoxy)methane	(2)	5.907(0.000)	93	275861	51.054	51.05			1.00
49) 2,4-Dichlorophenol	(2)	5.981(0.000)	162	147407	51.071	51.07			1.00
50) 1,2,4-Trichlorobenzene	(2)	6.035(0.000)	180	149424	49.995	49.99			1.00
53) Naphthalene	(2)	6.099(-0.001)	128	522029	49.271	49.27			1.00
55) 4-Chloroaniline	(2)	6.163(0.001)	127	180519	43.175	43.17			1.00
59) Hexachlorobutadiene	(2)	6.217(-0.001)	225	90678	49.667	49.67			1.00
67) 4-Chloro-3-methylphenol	(2)	6.607(0.002)	107	208601	53.540	53.54			1.00

337WDLCS7

Lancaster Labs
Quantitation Report GC/MS Semi-Volatiles

337WDLCS

Data file: /chem/HP11165.i/07dec04a.b/gl0093.d Blank Data file reference:/chem/HP11165.i/07dec04a.b/gl0092.d
Injection date and time: 04-DEC-2007 19:29 Instrument ID: HP11165.i Batch: 07337WAD
Date, time and analyst ID of latest file update: 04-Dec-2007 19:52 gjd01970

Method used: /chem/HP11165.i/07dec04a.b/minti.m Sublist used: WTC8
Calibration date and time (Last Method Edit): 04-DEC-2007 19:29
Mid Level Daily Calibration Standard Reference: /chem/HP11165.i/07dec04a.b/gl0091.d

Sample Concentration Formula: On-Column Amount * DF * Uf * Vt/(Vo * Vi) Matrix: WATER GPC Cleanup: No

Dilution Factor (DF): 1 Unit Correction Factor (Uf): 1 Volume Injected (Vi): 1 ul
GPC Cleanup Factor (gpcf): 1 Sample Volume (Vo): 1000.0 ml Final Extract Volume (Vt): 1000 ul

Target Compounds	I.S. Ref.	RT (+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit (ng/ul)
69) 2-Methylnaphthalene	(2)	6.693(0.000)	142	342258	50.283	50.28			1.00
71) Hexachlorocyclopentadiene	(3)	6.827(0.000)	237	167272	88.468	88.47			5.00
74) 2,4,6-Trichlorophenol	(3)	6.944(0.001)	196	118166	52.387	52.39			1.00
76) 2,4,5-Trichlorophenol	(3)	6.982(0.001)	196	129030	49.302	49.30			1.00
83) 2-Chloronaphthalene	(3)	7.105(0.000)	162	332632	40.588	40.59			2.00
88) 2-Nitroaniline	(3)	7.201(0.001)	138	131197	55.069	55.07			1.00
91) Dimethylphthalate	(3)	7.367(0.001)	163	397590	49.899	49.90			2.00
93) 2,6-Dinitrotoluene	(3)	7.410(0.001)	165	100022	55.858	55.86			1.00
94) Acenaphthylene	(3)	7.442(0.000)	152	584404	53.017	53.02			1.00
96) 3-Nitroaniline	(3)	7.543(0.001)	138	108781	50.512	50.51			1.00
98) Acenaphthene	(3)	7.586(0.000)	153	366826	50.154	50.15			1.00
99) 2,4-Dinitrophenol	(3)	7.640(0.000)	184	53218	47.461	47.46			20.00
102) 4-Nitrophenol	(3)	7.720(0.001)	109	35255	23.658	23.66			10.00
103) Dibenzofuran	(3)	7.730(0.000)	168	539082	50.286	50.29			1.00
104) 2,4-Dinitrotoluene	(3)	7.746(0.000)	165	129220	54.658	54.66			1.00
108) Diethylphthalate	(3)	7.955(0.000)	149	417239	50.681	50.68			2.00
110) Fluorene	(3)	8.014(0.000)	166	463090	51.728	51.73			1.00
111) 4-Chlorophenyl-phenylether	(3)	8.025(0.000)	204	223751	50.703	50.70			2.00
113) 4-Nitroaniline	(3)	8.051(0.001)	138	93734	39.810	39.81			1.00
114) 4,6-Dinitro-2-methylphenol	(4)	8.078(0.001)	198	82685	50.449	50.45			5.00
116) N-Nitrosodiphenylamine	(4)	8.126(0.000)	169	333777	49.631	49.63			2.00
124) 4-Bromophenyl-phenylether	(4)	8.420(0.000)	248	138852	52.716	52.72			1.00
126) Hexachlorobenzene	(4)	8.458(0.000)	284	156399	52.186	52.19			1.00
130) Pentachlorophenol	(4)	8.629(0.001)	266	74933	42.283	42.28			3.00
136) Phenanthrene	(4)	8.795(0.001)	178	667501	51.336	51.34			1.00
137) Anthracene	(4)	8.838(0.001)	178	683655	51.612	51.61			1.00
139) Carbazole	(4)	8.982(0.000)	167	662841	51.316	51.32			1.00
141) Di-n-butylphthalate	(4)	9.292(0.000)	149	749561	54.371	54.37			2.00
146) Fluoranthene	(4)	9.768(0.000)	202	776768	49.667	49.67			1.00
153) Pyrene	(5)	9.950(0.000)	202	845325	51.874	51.87			1.00
160) Butylbenzylphthalate	(5)	10.517(0.000)	149	333579	50.883	50.88			2.00
163) 3,3'-Dichlorobenzidine	(5)	10.945(0.000)	252	225840	40.465	40.47			2.00
165) Benzo(a)anthracene	(5)	10.950(0.000)	228	848045	52.423	52.42			1.00
167) Chrysene	(5)	10.982(0.000)	228	842098	51.892	51.89			1.00
168) bis(2-Ethylhexyl)phthalate	(5)	11.025(0.000)	149	466646	55.360	55.36			2.00
169) Di-n-octylphthalate	(6)	11.662(0.000)	149	786185	52.845	52.84			2.00
171) Benzo(b)fluoranthene	(6)	12.009(0.001)	252	870179	52.605	52.61			1.00
172) Benzo(k)fluoranthene	(6)	12.036(0.001)	252	894639	51.390	51.39			1.00
173) Benzo(a)pyrene	(6)	12.352(0.001)	252	780016	53.113	53.11			1.00
176) Indeno(1,2,3-cd)pyrene	(6)	13.641(0.001)	276	945186	51.982	51.98			1.00
177) Dibenz(a,h)anthracene	(6)	13.678(0.001)	278	827309	56.604	56.60			1.00

8652

337WDLCS7 Lancaster Labs Quantitation Report GC/MS Semi-Volatiles 337WDLCS

Data file: /chem/HP11165.i/07dec04a.b/gl0093.d Blank Data file reference:**/chem/HP11165.i/07dec04a.b/gl0092.d**
Injection date and time: 04-DEC-2007 19:29 Instrument ID: HP11165.i Batch: 07337WAD
Date, time and analyst ID of latest file update: 04-Dec-2007 19:52 gjd01970

Method used: /chem/HP11165.i/07dec04a.b/minti.m Sublist used: **WTC8**
Calibration date and time (Last Method Edit): 04-DEC-2007 19:29
Mid Level Daily Calibration Standard Reference: /chem/HP11165.i/07dec04a.b/gl0091.d

Sample Concentration Formula: On-Column Amount * DF * Uf * Vt/(Vo * Vi) Matrix: WATER GPC Cleanup: No

Dilution Factor (DF): 1 Unit Correction Factor (Uf): 1 Volume Injected (Vi): 1 ul
GPC Cleanup Factor (gpcf): 1 Sample Volume (Vo): 1000.0 ml Final Extract Volume (Vt): 1000 ul

Target Compounds	I.S. Ref.	RT	(+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit (ng/ul)
178) Benzo(g,h,i)perylene	(6)	13.946	(0.001)	276	827103	52.934	52.93			1.00

E = CONC. OUT OF CAL. RANGE # = RELATIVE RETENTION TIME OUT OF RANGE

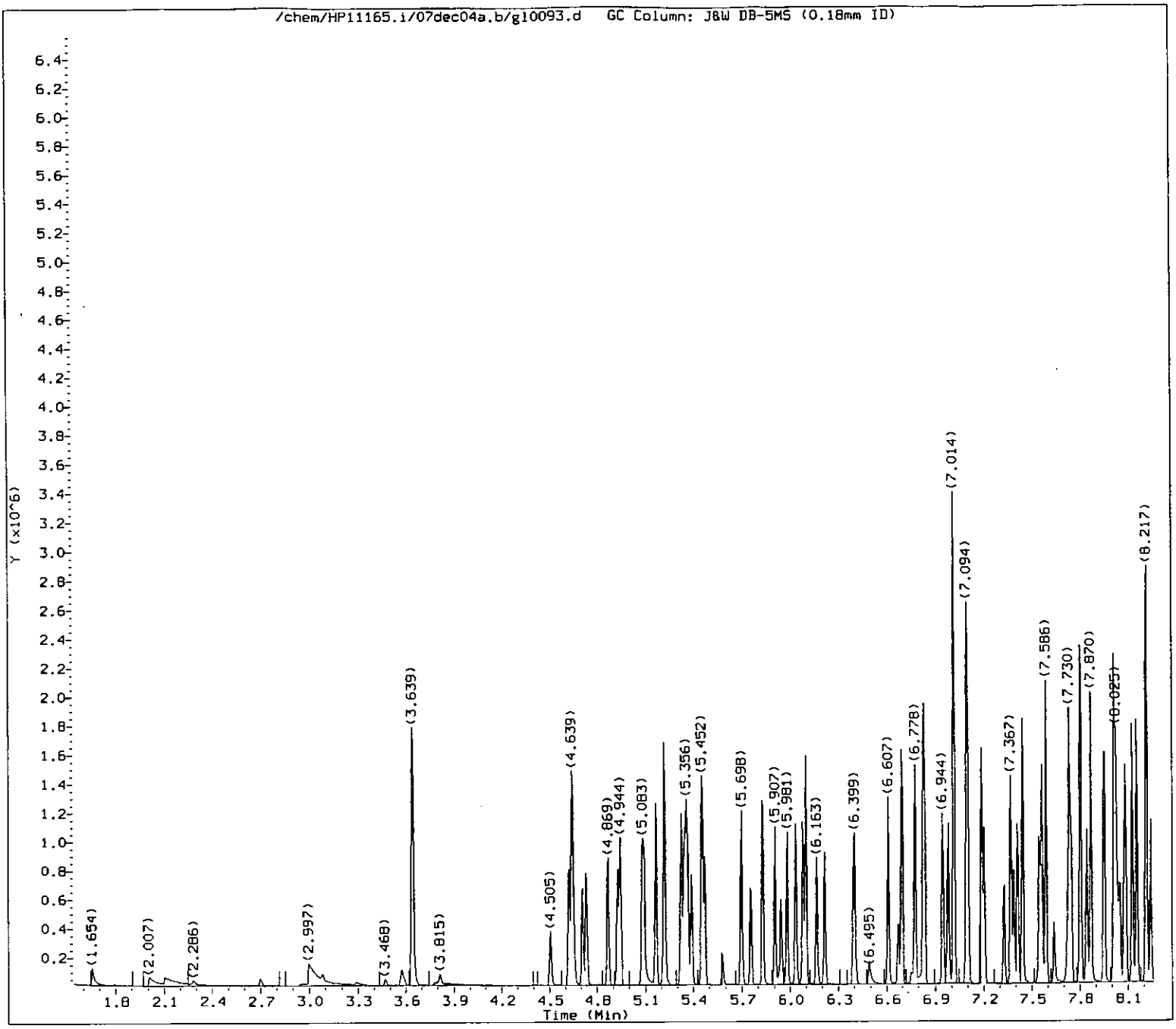
Total number of targets = 64

Comments:

Analyst: 1970 Date: 12/4/07
Auditor: Date: 12/5/07

Page 3 of 3

0653



Quant Report

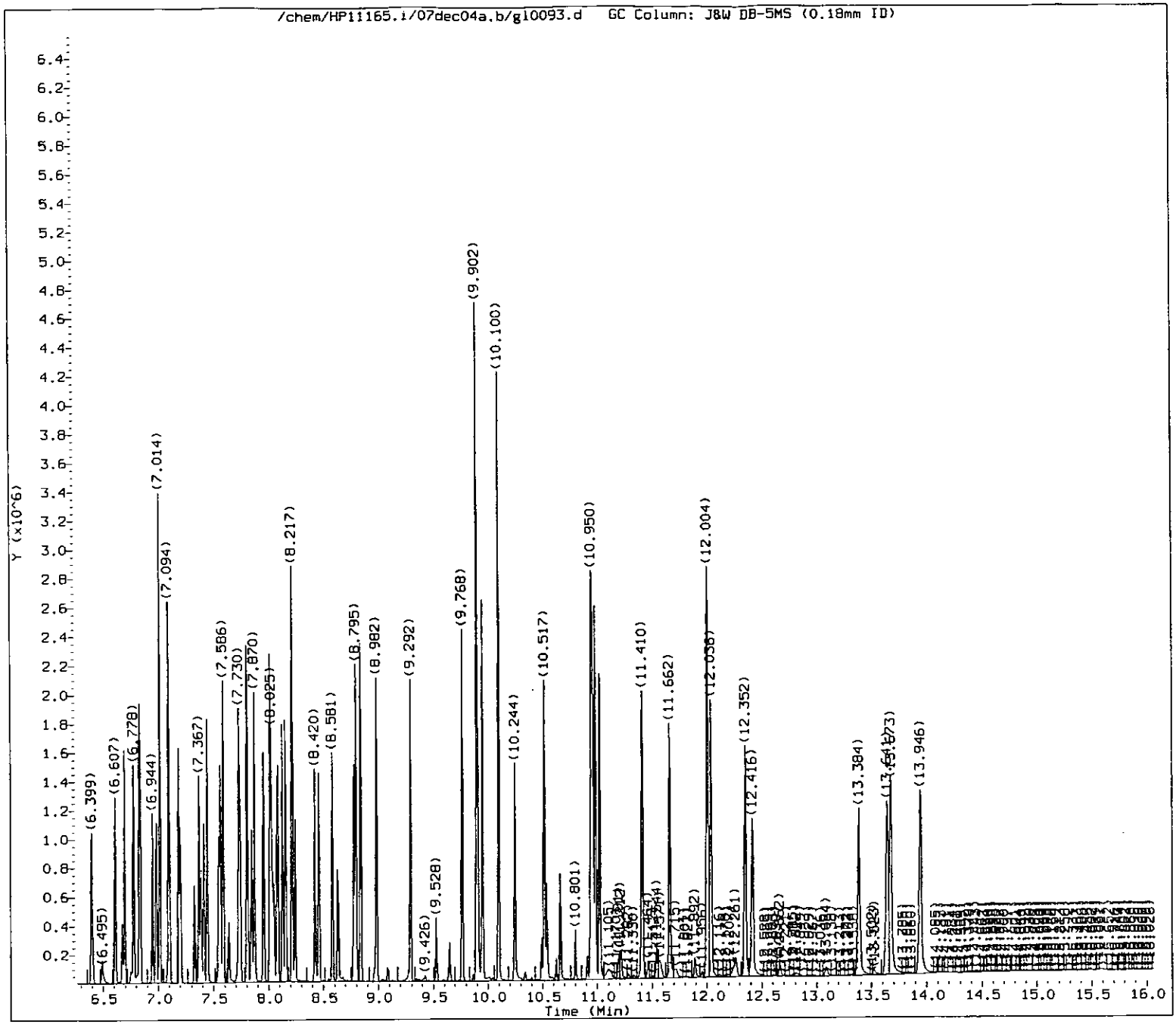
Target Revision 3.5

Data File: /chem/HP11165.i/07dec04a.b/gl0093.d Instrument ID: HP11165.i
Injection date and time: 04-DEC-2007 19:29 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07dec04a.b/minti.m Sublist used: WTC8
Calibration date and time: 04-DEC-2007 19:29
Date, time and analyst ID of latest file update: 04-Dec-2007 19:52 gjd01970

Sample Name: 337WDLCS7 Lab Sample ID: 337WDLCS

06547
12/4/07



Quant Report

Target Revision 3.5

Data File: /chem/HP11165.i/07dec04a.b/gl0093.d Instrument ID: HP11165.i
Injection date and time: 04-DEC-2007 19:29 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07dec04a.b/minti.m Sublist used: WTC8
Calibration date and time: 04-DEC-2007 19:29
Date, time and analyst ID of latest file update: 04-Dec-2007 19:52 gjd01970

Sample Name: 337WDLCS7 Lab Sample ID: 337WDLCS

8655 GB/TT. 12/4/07

Quant Report

Target Revision 3.5

Data File: /chem/HP11165.i/07dec04a.b/gl0093.d Instrument ID: HP11165.i
Injection date and time: 04-DEC-2007 19:29 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07dec04a.b/minti.m Sublist used: WTC8
Calibration date and time: 04-DEC-2007 19:29
Date, time and analyst ID of latest file update: 04-Dec-2007 19:52 gjd01970

Sample Name: 337WDLCS7 Lab Sample ID: 337WDLCS

	Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
16)	Phenol	(1)	4.655	94	143323	22.747
18)	bis(2-Chloroethyl)ether	(1)	4.708	93	231870	50.908
19)	2-Chlorophenol	(1)	4.730	128	170848	49.507
20)	1,3-Dichlorobenzene	(1)	4.869	146	163889	47.373
21)	1,4-Dichlorobenzene-d4	(1)	4.928	152	90054	40.000
22)	1,4-Dichlorobenzene	(1)	4.944	146	170357	47.896
25)	1,2-Dichlorobenzene	(1)	5.083	146	160411	47.938
26)	2-Methylphenol	(1)	5.217	108	190000	46.298
27)	2,2'-oxybis(1-Chloropropane)	(1)	5.217	45	229865	42.727
31)	N-Nitroso-di-n-propylamine	(1)	5.340	70	190781	51.460
33)	4-Methylphenol	(1)	5.361	108	204629	45.293
37)	Hexachloroethane	(1)	5.388	117	72662	48.377
39)	Nitrobenzene	(2)	5.468	77	262227	48.761
41)	Isophorone	(2)	5.698	82	453985	49.337
42)	2-Nitrophenol	(2)	5.757	139	93838	54.654
44)	2,4-Dimethylphenol	(2)	5.826	107	218944	48.973
46)	bis(2-Chloroethoxy)methane	(2)	5.907	93	275861	51.054
49)	2,4-Dichlorophenol	(2)	5.981	162	147407	51.071
50)	1,2,4-Trichlorobenzene	(2)	6.035	180	149424	49.995
52)	Naphthalene-d8	(2)	6.078	136	374795	40.000
53)	Naphthalene	(2)	6.099	128	522029	49.271
55)	4-Chloroaniline	(2)	6.163	127	180519	43.175
59)	Hexachlorobutadiene	(2)	6.217	225	90678	49.667
67)	4-Chloro-3-methylphenol	(2)	6.607	107	208601	53.540
69)	2-Methylnaphthalene	(2)	6.693	142	342258	50.283
71)	Hexachlorocyclopentadiene	(3)	6.827	237	167272	88.468
74)	2,4,6-Trichlorophenol	(3)	6.944	196	118166	52.387
76)	2,4,5-Trichlorophenol	(3)	6.982	196	129030	49.302
83)	2-Chloronaphthalene	(3)	7.105	162	332632	40.588
88)	2-Nitroaniline	(3)	7.201	138	131197	55.069
91)	Dimethylphthalate	(3)	7.367	163	397590	49.899
93)	2,6-Dinitrotoluene	(3)	7.410	165	100022	55.858
94)	Acenaphthylene	(3)	7.442	152	584404	53.017
96)	3-Nitroaniline	(3)	7.543	138	108781	50.512
97)	Acenaphthene-d10	(3)	7.559	164	244380	40.000
98)	Acenaphthene	(3)	7.586	153	366826	50.154
99)	2,4-Dinitrophenol	(3)	7.640	184	53218	47.461
102)	4-Nitrophenol	(3)	7.720	109	35255	23.658
103)	Dibenzofuran	(3)	7.730	168	539082	50.286
104)	2,4-Dinitrotoluene	(3)	7.746	165	129220	54.658
108)	Diethylphthalate	(3)	7.955	149	417239	50.681
110)	Fluorene	(3)	8.014	166	463090	51.728

M = Compound was manually integrated. A = User selected an alternate hit

Quant Report

Target Revision 3.5

Data File: /chem/HP11165.i/07dec04a.b/gl0093.d Instrument ID: HP11165.i
Injection date and time: 04-DEC-2007 19:29 Analyst ID: gjd01970

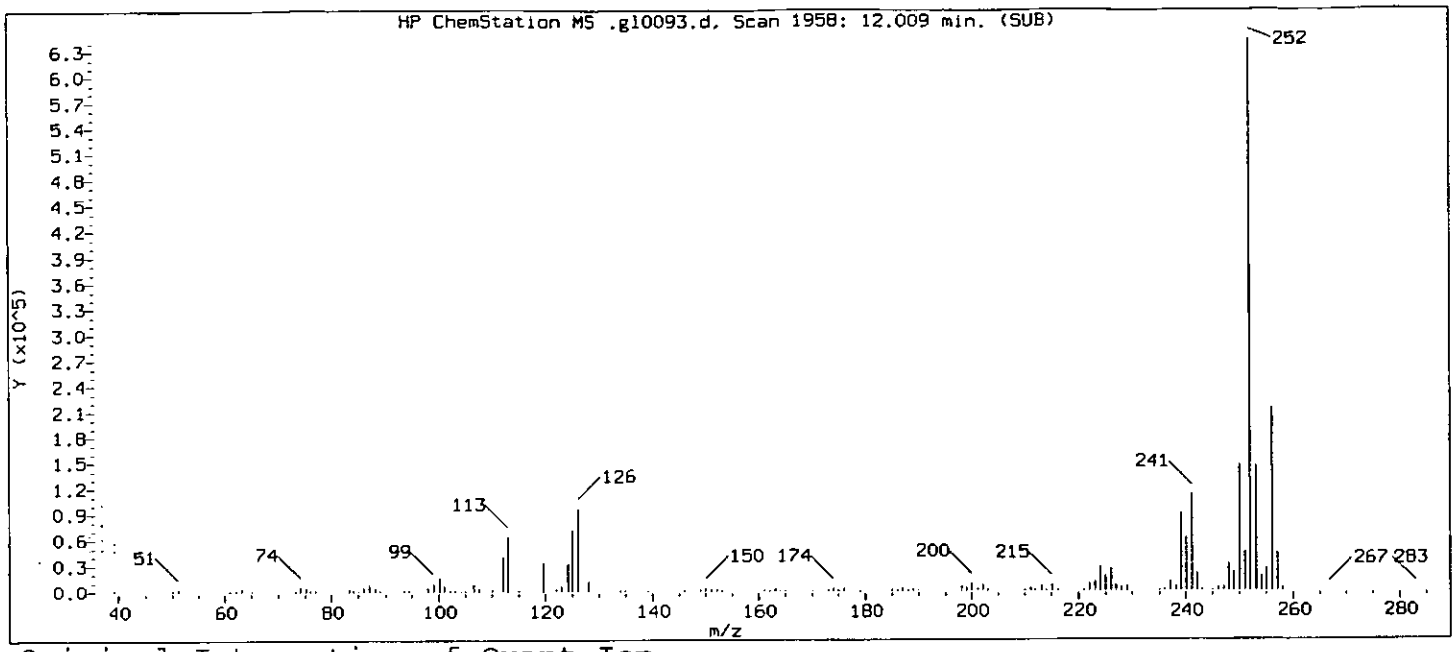
Method used: /chem/HP11165.i/07dec04a.b/minti.m Sublist used: WTC8
Calibration date and time: 04-DEC-2007 19:29
Date, time and analyst ID of latest file update: 04-Dec-2007 19:52 gjd01970

Sample Name: 337WDLCS7 Lab Sample ID: 337WDLCS

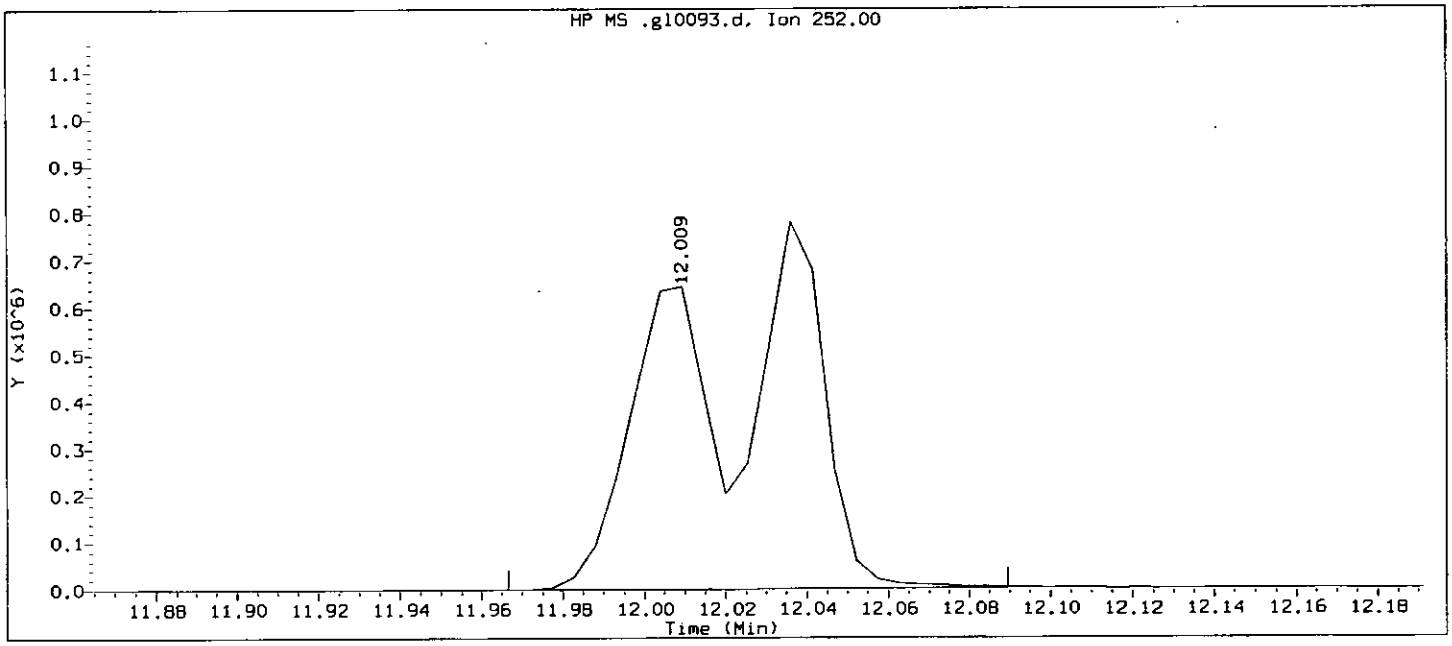
	Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
111)	4-Chlorophenyl-phenylether	(3)	8.025	204	223751	50.703
113)	4-Nitroaniline	(3)	8.051	138	93734	39.810
114)	4,6-Dinitro-2-methylphenol	(4)	8.078	198	82685	50.449
116)	N-Nitrosodiphenylamine	(4)	8.126	169	333777	49.631
124)	4-Bromophenyl-phenylether	(4)	8.420	248	138852	52.716
126)	Hexachlorobenzene	(4)	8.458	284	156399	52.186
130)	Pentachlorophenol	(4)	8.629	266	74933	42.283
134)	Phenanthrene-d10	(4)	8.779	188	490255	40.000
136)	Phenanthrene	(4)	8.795	178	667501	51.336
137)	Anthracene	(4)	8.838	178	683655	51.612
139)	Carbazole	(4)	8.982	167	662841	51.316
141)	Di-n-butylphthalate	(4)	9.292	149	749561	54.371
146)	Fluoranthene	(4)	9.768	202	776768	49.667
153)	Pyrene	(5)	9.950	202	845325	51.874
160)	Butylbenzylphthalate	(5)	10.517	149	333579	50.883
163)	3,3'-Dichlorobenzidine	(5)	10.945	252	225840	40.465
165)	Benzo(a)anthracene	(5)	10.950	228	848045	52.423
166)	Chrysene-d12	(5)	10.961	240	550900	40.000
167)	Chrysene	(5)	10.982	228	842098	51.892
168)	bis(2-Ethylhexyl)phthalate	(5)	11.025	149	466646	55.360
169)	Di-n-octylphthalate	(6)	11.662	149	786185	52.845
171)	Benzo(b)fluoranthene	(6)	12.009	252	870179M	52.605
172)	Benzo(k)fluoranthene	(6)	12.036	252	894639M	51.390
173)	Benzo(a)pyrene	(6)	12.352	252	780016	53.113
174)	Perylene-d12	(6)	12.416	264	432937	40.000
176)	Indeno(1,2,3-cd)pyrene	(6)	13.641	276	945186	51.982
177)	Dibenz(a,h)anthracene	(6)	13.678	278	827309	56.604
178)	Benzo(g,h,i)perylene	(6)	13.946	276	827103	52.934
9)	2-Fluorophenol	(1)	3.644	112	497070	129.670
15)	Phenol-d6	(1)	4.639	99	495756	92.579
38)	Nitrobenzene-d5	(2)	5.452	82	489271	96.767
77)	2-Fluorobiphenyl	(3)	7.014	172	787816	95.612
118)	2,4,6-Tribromophenol	(3)	8.217	330	327199	235.699
155)	Terphenyl-d14	(5)	10.100	244	1048283	87.774

M = Compound was manually integrated. A = User selected an alternate hit

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP11165.i/07dec04a.b/gl0093.d Instrument ID: HP11165.i
Injection date and time: 04-DEC-2007 19:29 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07dec04a.b/minti.m Sublist used: WTC8
Calibration date and time: 04-DEC-2007 19:29
Date, time and analyst ID of latest file update: 04-Dec-2007 19:51 gjd01970

Sample Name: 337WDLCS7 Lab Sample ID: 337WDLCS

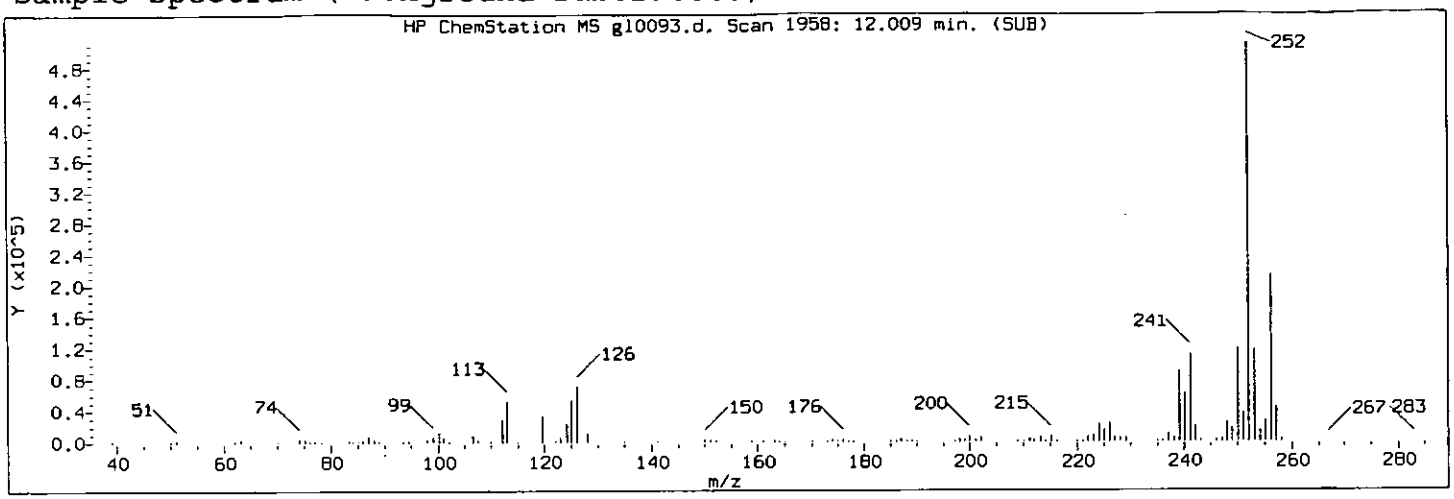
Compound Number	:	171
Compound Name	:	Benzo(b)fluoranthene
Scan Number	:	1958
Retention Time (minutes)	:	12.009
Quant Ion	:	252
Area	:	1713250
Concentration (ng/ul)	:	103.5719
Integration start scan	:	1949 Integration stop scan: 1972
Y at integration start	:	0 Y at integration end: 678

GS 12/4/07
12/4/07

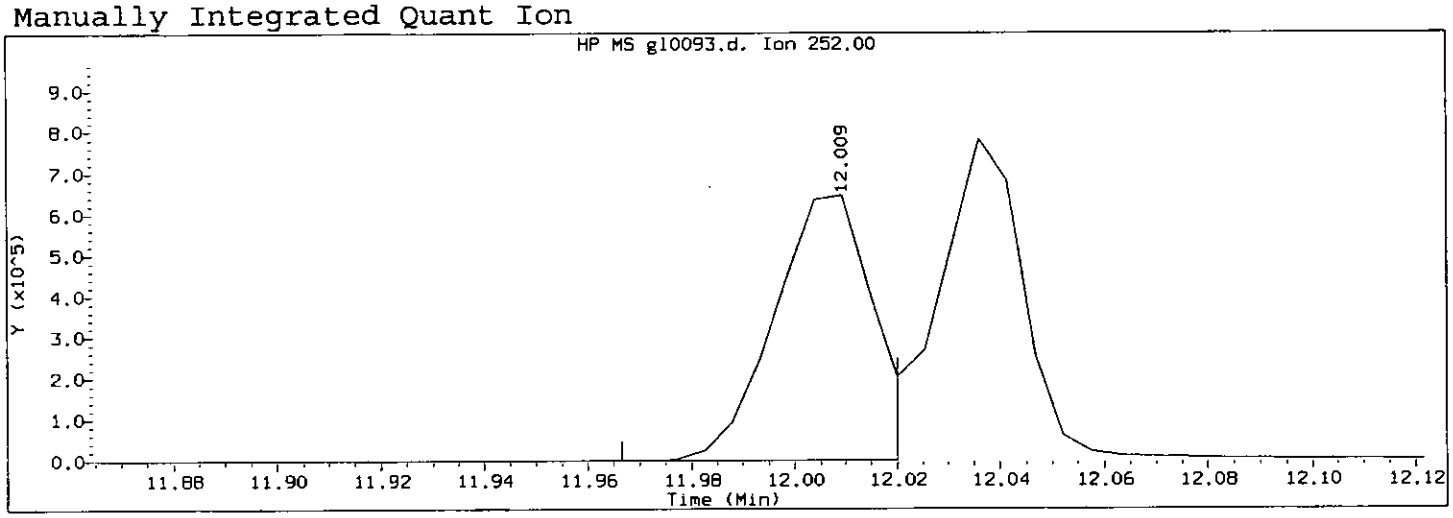
0658

Original Integration Report for data file /chem/HP11165.i/07dec04a.b/gl0093.d, generated on 12/04/2007 at 19:52

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP11165.i/07dec04a.b/gl0093.d Instrument ID: HP11165.i
Injection date and time: 04-DEC-2007 19:29 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07dec04a.b/minti.m Sublist used: WTC8
Calibration date and time: 04-DEC-2007 19:29
Date, time and analyst ID of latest file update: 04-Dec-2007 19:52 gjd01970

Sample Name: 337WDLCS7 Lab Sample ID: 337WDLCS

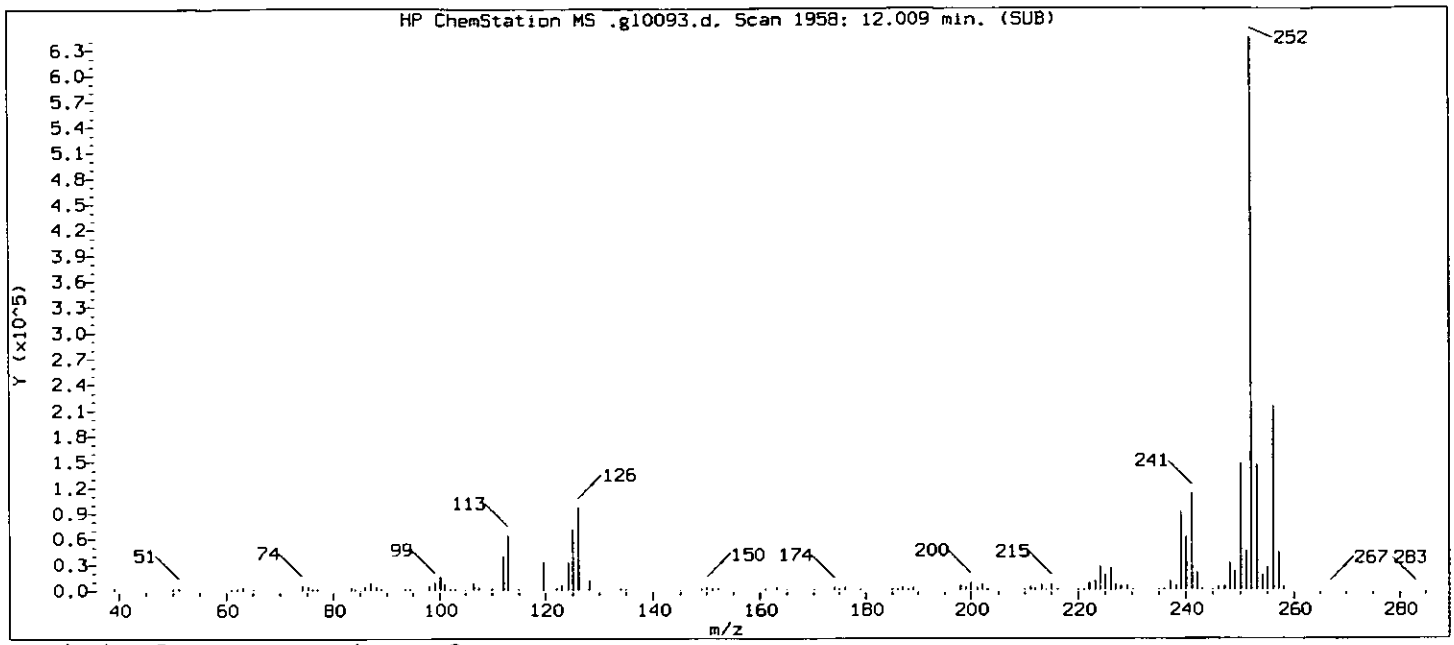
Compound Number	:	171
Compound Name	:	Benzo(b)fluoranthene
Scan Number	:	1958
Retention Time (minutes)	:	12.009
Quant Ion	:	252
Area (flag)	:	870179 M
Concentration (ng/ul)	:	52.6055
Integration start scan	:	1949 Integration stop scan: 1959
Y at integration start	:	0 Y at integration end: 294

Reason for manual integration (circle one): missed peak improper integration

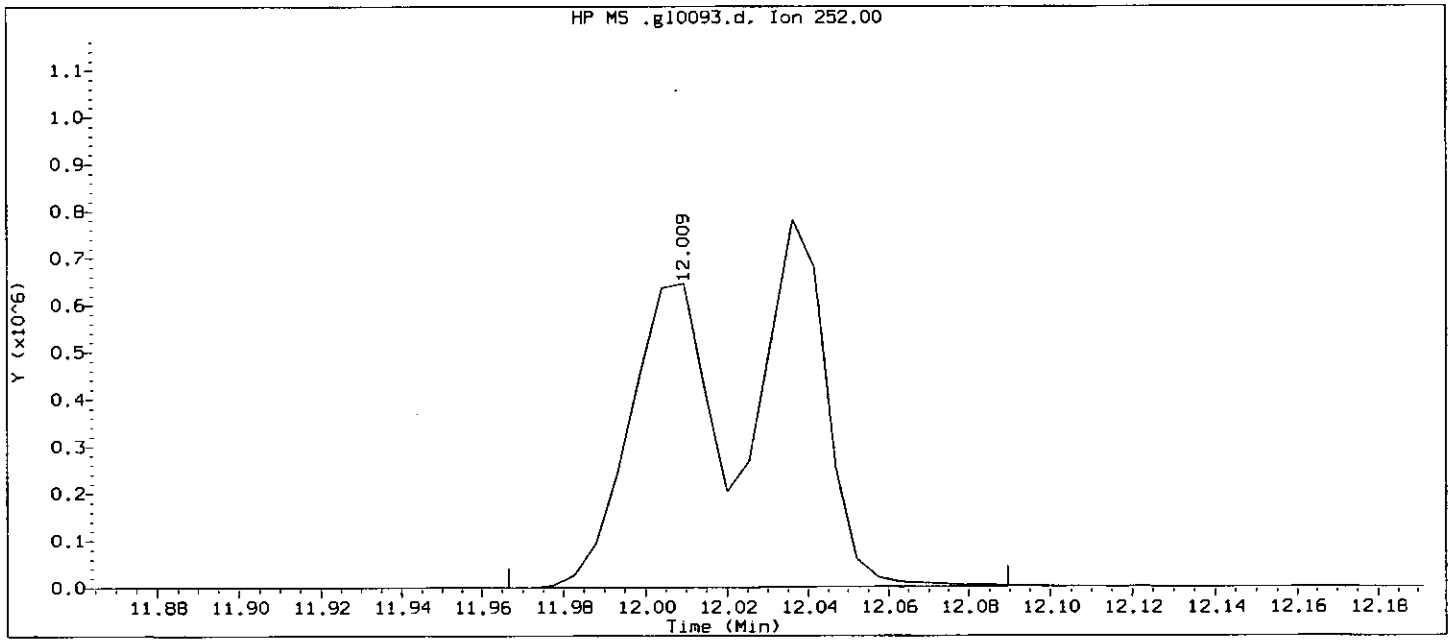
Analyst responsible for change: 1976 12/4/07

GC/MS audit/management approval: 12/5/07

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP11165.i/07dec04a.b/g10093.d Instrument ID: HP11165.i
Injection date and time: 04-DEC-2007 19:29 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07dec04a.b/minti.m Sublist used: WTC8
Calibration date and time: 04-DEC-2007 19:29
Date, time and analyst ID of latest file update: 04-Dec-2007 19:51 gjd01970

Sample Name: 337WDLCS7 Lab Sample ID: 337WDLCS

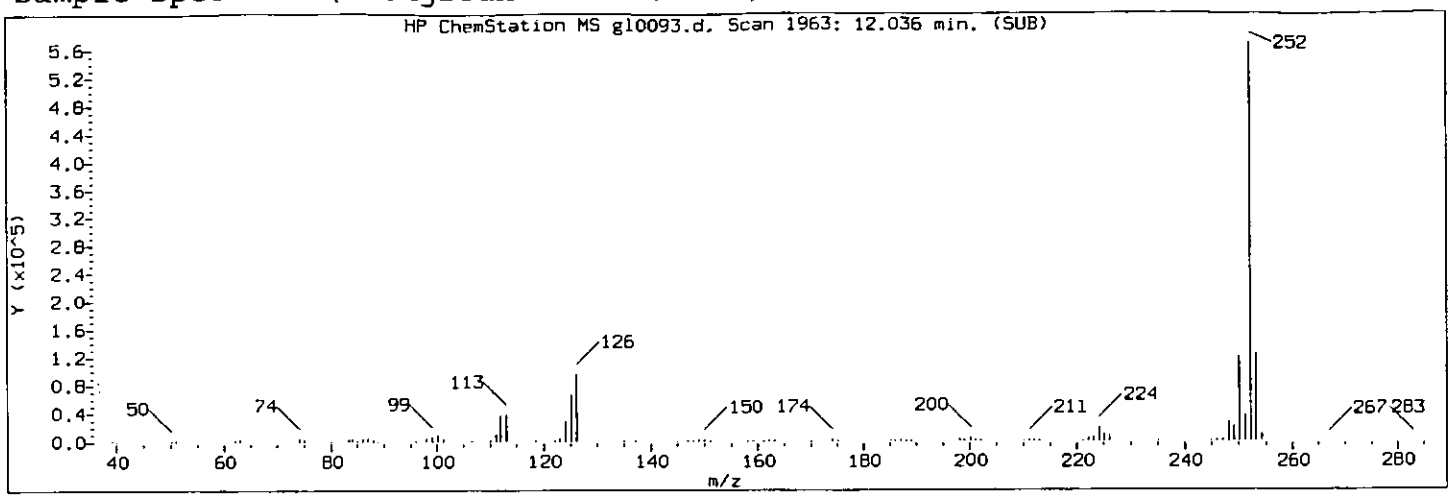
Compound Number	:	172
Compound Name	:	Benzo(k)fluoranthene
Scan Number	:	1958
Retention Time (minutes)	:	12.009
Quant Ion	:	252
Area	:	1713240
Concentration (ng/ul)	:	98.4114
Integration start scan	:	1949 Integration stop scan: 1972
Y at integration start	:	0 Y at integration end: 678

GJ 12/4/19.

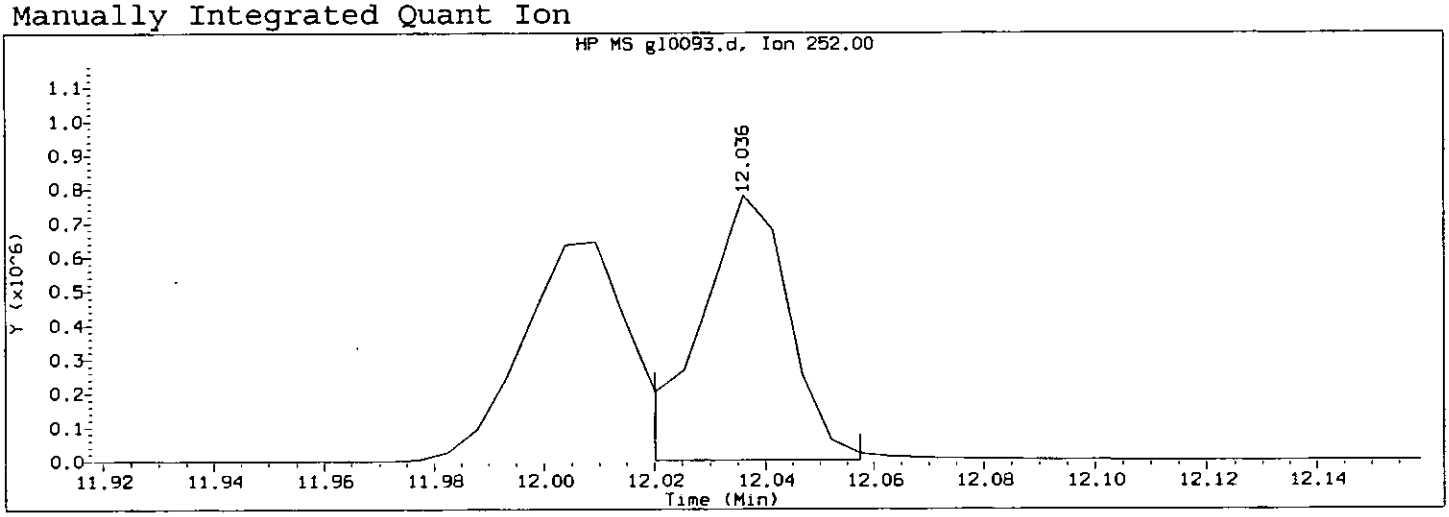
0668

Original Integration Report for data file /chem/HP11165.i/07dec04a.b/g10093.d, generated on 12/04/2007 at 19:52

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP11165.i/07dec04a.b/gl0093.d Instrument ID: HP11165.i
Injection date and time: 04-DEC-2007 19:29 Analyst ID: gjd01970

Method used: /chem/HP11165.i/07dec04a.b/minti.m Sublist used: WTC8
Calibration date and time: 04-DEC-2007 19:29
Date, time and analyst ID of latest file update: 04-Dec-2007 19:52 gjd01970

Sample Name: 337WDLCS7 Lab Sample ID: 337WDLCS

Compound Number	:	172
Compound Name	:	Benzo(k)fluoranthene
Scan Number	:	1963
Retention Time (minutes)	:	12.036
Quant Ion	:	252
Area (flag)	:	894639 M
Concentration (ng/ul)	:	51.3897
Integration start scan	:	1959 Integration stop scan: 1966
Y at integration start	:	938 Y at integration end: 938

Reason for manual integration (circle one): missed peak improper integration

Analyst responsible for change: [signature] 12/4/07

GC/MS audit/management approval: [signature] 12/5/07 8661

Lancaster Laboratories
Semi-Volatiles

Runlog for Hewlett Packard GC/MS System HP11165 **HP #07**

*** Shift #1 Analyst: JMG *** Shift #2 Analyst: GSD

Comment Code:

R = Reinjection necessary	X = Sample sent to be reextracted
S = Surrogate problem	I = Internal Standard problem
NU = Not used	F = Further dilution required
MR = Meets requirements	IUO = Internal use only
Cz = Confirms z, (z = I or X)	T = Injected outside valid tune period

Other problems or comments are as follows:

Data Directory Path is - D:\DATA\07nov15a\

ALS Btl #	Laboratory File ID	Client ID	Lab Sample ID	Date injected	Time injected	Case and SDG Number or Extraction Batch Number	Dilution Factor	Comments
1	gk0600Y.D	8270DFTPP2797	50NG/UL	15 Nov 2007	15:15			(NJ)
1	gk0600X.D	8270DFTPP2797	50NG/UL	15 Nov 2007	15:31			
2	gk0602.D	SSTD050	STD3107	15 Nov 2007	15:46			
2	gk0602W.D	SSTD050	STD3107	15 Nov 2007	16:15			
1	gk0610.D	8270DFTPP2797	50NG/UL	15 Nov 2007	16:40			
2	gk0611.D	SSTD050	STD3107	15 Nov 2007	16:55			GIC
3	gk0612.D	SSTD120	STD3107	15 Nov 2007	17:20			
4	gk0613.D	SSTD080	STD3107	15 Nov 2007	17:45			
5	gk0614.D	SSTD030	STD3107	15 Nov 2007	18:09			
6	gk0615.D	SSTD015	STD3107	15 Nov 2007	18:34			
7	gk0616.D	SSTD005	STD3107	15 Nov 2007	18:59			
8	gk0617.D	SSTD001	8270MDL3107	15 Nov 2007	19:23			
9	gk0618.D	SSTD050	ICV3107	15 Nov 2007	19:48			
11	gk0619.D	SBLKLE3127	SBLKLE312	15 Nov 2007	20:13	07312SLE		
12	gk0620.D	312LELCS7	312LELCS	15 Nov 2007	20:43	07312SLE		
13	gk0621.D	SBLKLA3117	SBLKLA311	15 Nov 2007	21:08	07311SLA		
14	gk0622.D	311LALCS7	311LALCS	15 Nov 2007	21:32	07311SLA		
15	gk0623.D	SBLKWK3177	SBLKWK317	15 Nov 2007	21:57	07317WAK		
16	gk0624.D	317WKLCS7	317WKLCS	15 Nov 2007	22:22	07317WAK		
17	gk0625.D	317WKLCSD7	317WKLCSD	15 Nov 2007	22:46	07317WAK		
18	gk0626.D	FINE-	5208583	15 Nov 2007	23:11	07317WAK		
19	gk0627.D	VELW1	5210383	15 Nov 2007	23:35	07317WAK		
20	gk0628.D	GF01S	5205180	16 Nov 2007	00:00	07311SLA		
21	gk0629.D	GF01SMS	5205180	16 Nov 2007	00:24	07311SLA		
22	gk0630.D	GF01SMSD	5205180	16 Nov 2007	00:48	07311SLA		
23	gk0631.D	SED-1	5204660	16 Nov 2007	01:13	07311SLA	5	
24	gk0632.D	SED-2	5204662	16 Nov 2007	01:39	07311SLA	5	
25	gk0633.D	SED-3	5204664	16 Nov 2007	02:04	07311SLA	5	
26	gk0634.D	SED-4	5204666	16 Nov 2007	02:28	07311SLA	5	
27	gk0635.D	CB41-	5204759	16 Nov 2007	02:52	07311SLA		
28	gk0636.D	CB4-5	5204760	16 Nov 2007	03:16	07311SLA		
29	gk0637.D	GF02C	5205182	16 Nov 2007	03:40	07311SLA		
30	gk0638.D	107BR	5208172	16 Nov 2007	04:05	07312SLE	5	
31	gk0639.D	107BRMS	5208172	16 Nov 2007	04:29	07312SLE	5	
32	gk0640.D	107BRMSD	5208172	16 Nov 2007	04:53	07312SLE	5	(TUNE)

Lancaster Laboratories
Semi-Volatiles

Runlog for Hewlett Packard GC/MS System HP11165 **HP #07**

*** Shift #1 Analyst: JM6 *** Shift #2 Analyst: GJD

Comment Code:

R = Reinjection necessary	X = Sample sent to be reextracted
S = Surrogate problem	I = Internal Standard problem
NU = Not used	F = Further dilution required
MR = Meets requirements	IUO = Internal use only
Cz = Confirms z, (z = I or X)	T = Injected outside valid tune period

Other problems or comments are as follows:

Data Directory Path is - D:\DATA\07dec04a\

ALS Btl #	Laboratory File ID	Client ID	Lab Sample ID	Date injected	Time injected	Case and SDG Number or Extraction Batch Number	Dilution Factor	Comments
1	g10090.D	8270DFTPP3247	50NG/UL	04 Dec 2007	18:18			MWZ
2	g10091.D	SSTD080	STD3107	04 Dec 2007	18:33			
11	g10092.D	SBLKWD3377	SBLKWD337	04 Dec 2007	19:04	07337WAD		
12	g10093.D	337WDLCS7	337WDLCS	04 Dec 2007	19:29	07337WAD		
13	g10094.D	SBLKWC3377	SBLKWC337	04 Dec 2007	19:53	07337WAC		
14	g10095.D	337WCLCS7	337WCLCS	04 Dec 2007	20:18	07337WAC		
15	g10096.D	337WCLCSD7	337WCLCSD	04 Dec 2007	20:43	07337WAC		
16	g10097.D	77201	5224221	04 Dec 2007	21:07	07337WAC		
17	g10098.D	AR502	5224372	04 Dec 2007	21:32	07337WAC		
18	g10099.D	AR801	5224373	04 Dec 2007	21:57	07337WAC		
19	g10100.D	AR803	5224374	04 Dec 2007	22:21	07337WAC		
20	g10101.D	AR804	5224375	04 Dec 2007	22:46	07337WAC		
21	g10102.D	AR805	5224376	04 Dec 2007	23:10	07337WAC		
22	g10103.D	BCD02	5223997	04 Dec 2007	23:35	07337WAD		
23	g10104.D	BCD02MS	5223998	04 Dec 2007	23:59	07337WAD		
24	g10105.D	BCD02MSD	5223999	05 Dec 2007	00:24	07337WAD		
25	g10106.D	BCT23	5223994	05 Dec 2007	00:47	07337WAD		
26	g10107.D	BC123	5223995	05 Dec 2007	01:12	07337WAD		
27	g10108.D	BCT05	5223996	05 Dec 2007	02:03	07337WAD		
28	g10109.D	BCD01	5224001	05 Dec 2007	02:27	07337WAD		
29	g10110.D	BCD08	5224002	05 Dec 2007	02:52	07337WAD		
30	g10111.D	BCOR2	5224003	05 Dec 2007	03:16	07337WAD		
31	g10112.D	BCOS2	5224004	05 Dec 2007	03:41	07337WAD		
32	g10113.D	BCOR3	5224005	05 Dec 2007	04:05	07337WAD		
33	g10114.D	BCOS3	5224006	05 Dec 2007	04:30	07337WAD		
34	g10115.D	BCEB1	5224007	05 Dec 2007	04:54	07337WAD		
35	g10116.D	ARDUP	5224377	05 Dec 2007	05:19	07337WAD		

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Extraction/Distillation/Digestion Logs

Organic Extraction Batchlo{ RUSH 07337WAD026

Reviewed By: CBA70 12/4/07 Start Date: 12/4/07 Start Time: 6:00

Tech 1: Tracy Schichel Tech 2:

Prep Group # 603 TC8 Water Dept: 26 Prep Analysis # 00813 BNA Water Extraction

QC	Sample Code	Amt (mL)	SS/IS Sol.	Amt (mL)	MS Sol.	Amt (mL)	FV (mL)	pH	pH	BC	Comments
BLANK6	PBLKBK	1000	SS0729826A	1.0			1.0	11	2		DI H2O
LCS6	LCSWJ	1000	SS0729826A		MS0731726B	1.0					
5223998MS	BCD02MS	1000	SS0729826A		MS0731726B					45A	Lt. Yellow tint
5223999MSD	BCD02MSD	1000	SS0729826A		MS0731726B						

Solvent Used	Lot No.
10N NAOH	2708347
Methylene Chloride	E46EC6
Sodium Sulfate	073384
Sulfuric Acid	071680

Spike Solutions: **Witness:** Slm 1785

SS0729826A BNA SURROGATE STANDARD
MS0731726B LCS SPIKE MIX

	Sample #	Sample Code	Amt (mL)	SS/IS Sol.	Amt (mL)	FV (mL)	pH	pH	BC	Comments	Analyses	Due Date	Pr
1	5223994	BCT23	1040	SS0729826A	1.0	1.0	11	2	45A	Yellow	4678	12/12/200 7	S
2	5223995	BC123	1039	SS0729826A							4678	12/12/200 7	S
3	5223996	BCT05	947	SS0729826A						Lt. Yellow tint	4678	12/12/200 7	S
4	5223997 bkg	BCD02	1000	SS0729826A						Lt. Yellow	4678	12/12/200 7	S
5	5224001	BCD01	915	SS0729826A						(Ravinocent 1X)	4678	12/12/200 7	S
6	5224002	BCD08	1041	SS0729826A						Lt. Yellow tint	4678	12/12/200 7	S
7	5224003	BCOR2	1001	SS0729826A						Clear H2O	4678	12/12/200 7	S
8	5224004	BCOS2	993	SS0729826A						Lt. Yellow (Ravinocent 2X)	4678	12/12/200 7	S
9	5224005	BCOR3	965	SS0729826A						Lt. Yellow tint almost clear	4678	12/12/200 7	S
10	5224006	BCOS3	1028	SS0729826A						Clear H2O	4678	12/12/200 7	S
11	5224007	BCEB1	944	SS0729826A							4678	12/12/200 7	N
12	5224377	ARDUP	1043	SS0729826A							4678	12/12/200 7	N
13	5224378	AR820	970	SS0729826A							4678	12/12/200 7	N
14	5224379	AR819	988	SS0729826A							4678	12/12/200 7	N
15	5224380	AR822	1001	SS0729826A							4678	12/12/200 7	N
16	5224381	AR809	1037	SS0729826A						Orange (Ravinocent 3X)	4678	12/12/200 7	N
17	5224382	AR810	1027	SS0729826A						Clear H2O	4678	12/12/200 7	N
18	5224383	AR813	1041	SS0729826A							4678	12/12/200 7	N
19	5224573	EBP1-	1037	SS0729826A					43B				
20													

NYSEC

Rack ID:		Work Station:	H2O6
Internal Standard	LB4232	Balance #	14

S-bath ID	3	90 °C	S-bath ID	9	90 °C	N-Evap	°C

Documented temps are NIST corrected.

07337WAD026

DF = Dilution Factor FV = Final Volume page 1 of 1

Metals Data

Case Narrative
Conformance/Nonconformance Summary

CASE NARRATIVE FOR INORGANICS

Laboratory Name: Lancaster Laboratories

SDG Number: CBN48

Date Received: 11/30/2007

Dilutions:
Refer to the analysis run logs for samples requiring dilutions.

Quality Assurance/Quality Control:
Matrix QC may not be included if site-specific QC were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, an LCS/LCSD was performed, unless otherwise specified in the method or by the client.
For preparation/method blank results >LOQ, corrective action is not required if the sample result is >10 times the blank concentration, unless otherwise specified in the method or by the client.

Explanatory Notes:
The instrument detection limits (IDLs) are used for determining the U flags on the initial and continuing calibration blanks. The highest IDL is selected when multiple instruments are used for an analysis. The method detection limits (MDLs) are used for determining all other U flags.
The final concentration (ug/l) is obtained using the following calculation:

$$\text{Instrument reading (ug/l)} \times \frac{\text{final volume}}{\text{initial volume}} \times \text{dilution factor}$$

Case Narrative reviewed and approved by:

Bethy Nichols For Date 12-20-07

Dana M. Kauffman, Manager
Data Deliverables

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QUALITY ASSURANCE SUMMARY

COVER PAGE - INORGANIC ANALYSES DATA PACKAGE

Lab Name: LANCASTER_LABORATORIES

SDG No.: CBN48

EPA Sample No.	Lab Sample ID.
BC123	5223995
BCD01	5224001
BCD02	5223997
BCD02D	5224000
BCD02M	5223999
BCD02S	5223998
BCD08	5224002
BCEB1	5224007
BCOR2	5224003
BCOR3	5224005
BCOS2	5224004
BCOS3	5224006
BCT05	5223996
BCT23	5223994

		ICP-AES	ICP-MS
Were ICP-AES and ICP-MS interelement corrections applied?	(Yes/No)	YES	NA
Were ICP-AES and ICP-MS background corrections Applied?	(Yes/No)	YES	NA
If yes, were raw data generated before application of background corrections?	(Yes/No)	NO	

LEGEND

FLAGS: (indicate matrix interference)	METHODS:
N = Matrix Spike OOS	ICP = Inductively Coupled Plasma
* = Duplicate OOS	P = ICP Atomic Emission Spectrometer
W = Method F Analytical Spike Recovery <85% or >115% when the sample conc. is <50% of the spike conc.	MS = ICP Mass Spectrometry
	F = Graphite Furnace
	CV = Cold Vapor
S = Analysis Determined by MSA	NR = Not Required
+ = MSA Correlation Coefficient <0.995	TERMS: 8669
E = Matrix Effects exist as proven by Serial Dilution or Spiked Dilution	MDL = Method Detection Limit
	LOQ = Limit of Quantitation
M = Duplicate Injection Precision not met	OOS = Out of Specification
Presence of FLAGS does not invalidate data	MSA = Method of Standard Addition
U = Below MDL, B = Below LOQ	

Sample Data

QUALITY ASSURANCE SUMMARY

INORGANIC ANALYSIS DATA SHEET
FORM 1

CLIENT SAMPLE NO.

BC123

Lab Name: LANCASTER_LABORATORIES

SDG No.: CBN48

Matrix: (soil/water) WATER

Lab Sample ID: 5223995

Level: (low/med) LOW

Date Received: 11/30/2007

% Solids: 0.0

Concentration Units (**ug/L** or **mg/kg** dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7439-92-1	Lead	25.0			P

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

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QUALITY ASSURANCE SUMMARY

INORGANIC ANALYSIS DATA SHEET
FORM 1

CLIENT SAMPLE NO.

BCD01

Lab Name: LANCASTER_LABORATORIES

SDG No.: CBN48

Matrix: (soil/water) WATER

Lab Sample ID: 5224001

Level: (low/med) LOW

Date Received: 11/30/2007

% Solids: 0.0

Concentration Units (**ug/L** or **mg/kg** dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7439-92-1	Lead	15.7			P

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

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QUALITY ASSURANCE SUMMARY

INORGANIC ANALYSIS DATA SHEET
FORM 1

CLIENT SAMPLE NO.

BCD02

Lab Name: LANCASTER_LABORATORIES

SDG No.: CBN48

Matrix: (soil/water) WATER

Lab Sample ID: 5223997

Level: (low/med) LOW

Date Received: 11/30/2007

% Solids: 0.0

Concentration Units (**ug/L** or **mg/kg** dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7439-92-1	Lead	16.1			P

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

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QUALITY ASSURANCE SUMMARY

INORGANIC ANALYSIS DATA SHEET
FORM 1

CLIENT SAMPLE NO.

BCD02D

Lab Name: LANCASTER_LABORATORIES

SDG No.: CBN48

Matrix: (soil/water) WATER

Lab Sample ID: 5224000

Level: (low/med) LOW

Date Received: 11/30/2007

% Solids: 0.0

Concentration Units (**ug/L** or **mg/kg** dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7439-92-1	Lead	14.0	B		P

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

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QUALITY ASSURANCE SUMMARY

INORGANIC ANALYSIS DATA SHEET
FORM 1

CLIENT SAMPLE NO.

BCD02M

Lab Name: LANCASTER_LABORATORIES

SDG No.: CBN48

Matrix: (soil/water) WATER

Lab Sample ID: 5223999

Level: (low/med) LOW

Date Received: 11/30/2007

% Solids: 0.0

Concentration Units (**ug/L** or **mg/kg** dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7439-92-1	Lead	131			P

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

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QUALITY ASSURANCE SUMMARY

INORGANIC ANALYSIS DATA SHEET
FORM 1

CLIENT SAMPLE NO.

BCD02S

Lab Name: LANCASTER_LABORATORIES

SDG No.: CBN48

Matrix: (soil/water) WATER

Lab Sample ID: 5223998

Level: (low/med) LOW

Date Received: 11/30/2007

% Solids: 0.0

Concentration Units (**ug/L** or **mg/kg** dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7439-92-1	Lead	130			P

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

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QUALITY ASSURANCE SUMMARY

INORGANIC ANALYSIS DATA SHEET
FORM 1

CLIENT SAMPLE NO.

BCD08

Lab Name: LANCASTER_LABORATORIES

SDG No.: CBN48

Matrix: (soil/water) WATER

Lab Sample ID: 5224002

Level: (low/med) LOW

Date Received: 11/30/2007

% Solids: 0.0

Concentration Units (**ug/L** or **mg/kg** dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7439-92-1	Lead	9.5	B		P

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

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QUALITY ASSURANCE SUMMARY

INORGANIC ANALYSIS DATA SHEET
FORM 1

CLIENT SAMPLE NO.

BCEB1

Lab Name: LANCASTER_LABORATORIES

SDG No.: CBN48

Matrix: (soil/water) WATER

Lab Sample ID: 5224007

Level: (low/med) LOW

Date Received: 11/30/2007

% Solids: 0.0

Concentration Units (**ug/L** or **mg/kg** dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7439-92-1	Lead	6.9	U		P

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

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QUALITY ASSURANCE SUMMARY

INORGANIC ANALYSIS DATA SHEET
FORM 1

CLIENT SAMPLE NO.

BCOR2

Lab Name: LANCASTER_LABORATORIES

SDG No.: CBN48

Matrix: (soil/water) WATER

Lab Sample ID: 5224003

Level: (low/med) LOW

Date Received: 11/30/2007

% Solids: 0.0

Concentration Units (**ug/L** or **mg/kg** dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7439-92-1	Lead	6.9	U		P

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

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QUALITY ASSURANCE SUMMARY

INORGANIC ANALYSIS DATA SHEET
FORM 1

CLIENT SAMPLE NO.

BCOR3

Lab Name: LANCASTER_LABORATORIES

SDG No.: CBN48

Matrix: (soil/water) WATER

Lab Sample ID: 5224005

Level: (low/med) LOW

Date Received: 11/30/2007

% Solids: 0.0

Concentration Units (**ug/L** or **mg/kg** dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7439-92-1	Lead	6.9	U		P

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

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QUALITY ASSURANCE SUMMARY

INORGANIC ANALYSIS DATA SHEET
FORM 1

CLIENT SAMPLE NO.

BCOS2

Lab Name: LANCASTER_LABORATORIES

SDG No.: CBN48

Matrix: (soil/water) WATER

Lab Sample ID: 5224004

Level: (low/med) LOW

Date Received: 11/30/2007

% Solids: 0.0

Concentration Units (**ug/L** or **mg/kg** dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7439-92-1	Lead	6.9	U		P

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

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QUALITY ASSURANCE SUMMARY

INORGANIC ANALYSIS DATA SHEET
FORM 1

CLIENT SAMPLE NO.

BCOS3

Lab Name: LANCASTER_LABORATORIES

SDG No.: CBN48

Matrix: (soil/water) WATER

Lab Sample ID: 5224006

Level: (low/med) LOW

Date Received: 11/30/2007

% Solids: 0.0

Concentration Units (**ug/L** or **mg/kg** dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7439-92-1	Lead	6.9	U		P

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

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QUALITY ASSURANCE SUMMARY

INORGANIC ANALYSIS DATA SHEET
FORM 1

CLIENT SAMPLE NO.

BCT05

Lab Name: LANCASTER_LABORATORIES

SDG No.: CBN48

Matrix: (soil/water) WATER

Lab Sample ID: 5223996

Level: (low/med) LOW

Date Received: 11/30/2007

% Solids: 0.0

Concentration Units (**ug/L** or **mg/kg** dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7439-92-1	Lead	7.6	B		P

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

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QUALITY ASSURANCE SUMMARY

INORGANIC ANALYSIS DATA SHEET
FORM 1

CLIENT SAMPLE NO.

BCT23

Lab Name: LANCASTER_LABORATORIES

SDG No.: CBN48

Matrix: (soil/water) WATER

Lab Sample ID: 5223994

Level: (low/med) LOW

Date Received: 11/30/2007

% Solids: 0.0

Concentration Units (**ug/L** or **mg/kg** dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7439-92-1	Lead	21.1			P

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

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Quality Control Data

QUALITY ASSURANCE SUMMARY

FORM 2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: LANCASTER_LABORATORIES

SDG No.: CBN48

Initial Calibration Source: LLI

Continuing Calibration Source: LLI

Concentration Units: UG/L

Analyte	Initial Calibration			Continuing Calibration						M
	True	Found	%R(1)	True	Found	%R(2)	True	Found	%R(2)	
Lead	600.0	634.90	105.8	500.0	519.90	104.0	500.0	530.70	106.1	P

(1) Control Limit: 90-110
(2) Control Limit: 90-110

QUALITY ASSURANCE SUMMARY

FORM 2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: LANCASTER_LABORATORIES

SDG No.: CBN48

Initial Calibration Source: LLI

Continuing Calibration Source: LLI

Concentration Units: UG/L

Analyte	Initial Calibration			Continuing Calibration						M
	True	Found	%R(1)	True	Found	%R(2)	True	Found	%R(2)	
Lead				500.0	524.00	104.8	500.0	512.90	102.6	P

(1) Control Limit: 90-110
(2) Control Limit: 90-110

QUALITY ASSURANCE SUMMARY

FORM 2B

LOW LEVEL CHECK STANDARD FOR AA AND ICP

Lab Name: LANCASTER_LABORATORIES

SDG No.: CBN48

AA CRDL Standard Source: LLI

ICP CRDL Standard Source: LLI

Concentration Units: UG/L

Analyte	AA			ICP				
				Initial			Final	
	True	Found	%R	True	Found	%R	Found	%R
Lead				15.0	14.50	96.7	17.40	116.0

Control limits apply to values up to 10 times the true value of the low level check standard. Mercury, GFAA and ICP-MS: 50 - 150%. ICP: See statistical windows form.

Statistical Windows for Low Level Check

Element	True Value ug/L	Statistical Window (%)
Aluminum	200	0 - 200
Antimony	20	25 - 175
Arsenic	20	50 - 150
Barium	5	75 - 125
Beryllium	5	50 - 150
Boron	50	50 - 150
Cadmium	5	75 - 125
Calcium	200	0 - 200
Chromium	15	50 - 150
Cobalt	5	25 - 175
Copper	10	25 - 175
Iron	200	25 - 175
Lead	15	50 - 150
Lithium	100	50 - 150
Magnesium	100	0 - 200
Manganese	5	50 - 150
Molybdenum	10	25 - 175
Nickel	10	50 - 150
Potassium	200	75 - 125
Selenium	20	50 - 150
Silver	5	50 - 150
Sodium	1000	25 - 175
Strontium	5	75 - 125
Thallium	20	0 – 200
Tin	20	25 - 175
Titanium	10	50 - 150
Vanadium	5	50 - 150
Zinc	20	75 - 125

Effective: 12/29/2005

QUALITY ASSURANCE SUMMARY

FORM 3

BLANKS

Lab Name: LANCASTER_LABORATORIES

SDG No.: CBN48

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte		Initial Calibration Blank (ug/L)		Continuing Calibration Blank (ug/L)						Preparation Blank				
	Mass		C	1	C	2	C	3	C	Mass		C	Sample ID	M
Lead		7.5	U	7.5	U	7.5	U	7.5	U		6.900	U	P33748BB	P

QUALITY ASSURANCE SUMMARY

FORM 3

BLANKS

Lab Name: LANCASTER_LABORATORIES

SDG No.: CBN48

Preparation Blank Matrix (soil/water): _____

Preparation Blank Concentration Units (ug/L or mg/kg): _____

Analyte		Initial Calibration Blank (ug/L)		Continuing Calibration Blank (ug/L)						Preparation Blank				
	Mass		C	1	C	2	C	3	C	Mass		C	Sample ID	M
Lead				7.5	U									P

QUALITY ASSURANCE SUMMARY

FORM 4A

ICP-AES INTERFERENCE CHECK SAMPLE

Lab Name: LANCASTER_LABORATORIES

SDG No.: CBN48

ICP-AES Instrument ID: 11016 ICS Source: LLI

Concentration Units: UG/L

Analyte	True		Initial Found				Final Found			
	Sol. A	Sol. AB	Sol. A	%R	Sol. AB	%R	Sol. A	%R	Sol. AB	%R
Aluminum	500000	500000	479000	95.8	473500.0	94.7	447000	89.4	447700.0	89.5
Calcium	500000	500000	461000	92.2	459900.0	92.0	469900	94.0	466000.0	93.2
Iron	200000	200000	176000	88.0	176600.0	88.3	182000	91.0	180200.0	90.1
Lead	0	50	5		49.1	98.2	4		44.7	89.4
Magnesium	500000	500000	434200	86.8	431600.0	86.3	427800	85.6	427700.0	85.5

Control Limits: All Metals 80%-120%

QUALITY ASSURANCE SUMMARY

MATRIX SPIKE/MATRIX SPIKE DUPLICATE

Lab Name: LANCASTER_LABORATORIES

CLIENT SAMPLE NO.

BCD02S

SDG No.: CBN48

Matrix (Soil/Water): WATER

% Solids for sample: 0.0

Concentration Units (ug/l or mg/kg dry weight): UG/L

Level (low/med): LOW

Batch Id(s): P33748B

Analyte	M	Sample Result	C	MS Sample Result	C	MSD Sample Result	C	MS Spike Added	MSD Spike Added	MS %R	Q	MSD %R	Q	Control Limit %R	RPD	Q	Ctl Lim RPD
Lead	P	16.0912		129.6156		131.4115		120.0000	120.0000	95		96		75 - 125	1		20

QUALITY ASSURANCE SUMMARY

Form 6

DUPLICATES

CLIENT SAMPLE No.

BCD02D

Lab Name: LANCASTER_LABORATORIES

SDG No.: CBN48

Matrix (soil/water): WATER

Level (low/med): LOW

% Solids for Sample: 0.0

% Solids of Duplicate: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

Batch ID(s): P33748B

Analyte	Control Limit	Samples (S)	C	Duplicate (D)	C	RPD	Q	M
Lead	15.0	16.0912		14.0194	B	14		P

NOTE: An asterisk (*) in column "Q" indicates poor duplicate precision (RPD > 20% OR |(S) - (D)| > LOQ for values < 5x LOQ).
The data are considered to be valid because the laboratory control sample is within the control limits. See the Laboratory Control Sample page of the Quality Assurance Summary.

QUALITY ASSURANCE SUMMARY

FORM 7

LABORATORY CONTROL SAMPLE

Lab Name: LANCASTER_LABORATORIES

SDG No.: CBN48

Solid LCS Source: _____

Aqueous LCS Source: LLI

Analyte	Sample ID	Aqueous (ug/L) True	Found	%R(1)	Solid (mg/kg) True	Found	C	Limit		%R
Lead	P33748BQ	120.0	130.16	108						

(1) Control Limits: Statistically determined

Statistical Windows: Waters LCS/LCSD

SW846 ICP

Element	True value ug/L	Statistical Window
AL	2000	90-112
SB	500	88-111
AS	140	90-119
BA	2000	90-110
BE	50	90-111
B	2000	90-110
CD	50	90-112
CA	4000	90-112
CR	200	90-110
CO	500	90-110
CU	250	90-112
FE	1000	90-112
PB	120	90-113
LI	4000	80-120
MG	2000	89-110
MN	500	90-110
MO	2000	90-110
NI	500	90-111
K	4000	88-119
SE	110	80-120
AG	50	90-117
NA	4000	80-120
SR	1000	90-110
TL	150	85-113
SN	4000	90-110
TI	1000	90-113
V	500	90-110
ZN	500	90-111

SW846 GFAA

Element	True value ug/L	Statistical Window
SB	50	80-120
AS	40	80-120
BE	2.5	86.6-112.2
CD	2.5	80-120
CR	10	80-111
CU	20	87-110
PB	20	80-120
NI	20	80-120
SE	10	80-120
AG	2.5	85-116
TL	50	80-120

SW846 Mercury

Element	True value ug/L	Statistical Window
HG	1	80-120

Effective Date: 09/28/2007

QUALITY ASSURANCE SUMMARY

FORM 9

SERIAL DILUTIONS

CLIENT SAMPLE No.

BCD02 L

Lab Name: LANCASTER_LABORATORIES

SDG No.: CBN48

Matrix (soil/water): WATER

Level (low/med): LOW

Concentration Units: UG/L

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	M
Lead	16.0912		34.5000	U	100		P

NOTE: An **E** in column Q indicates the presence of a chemical or physical interference in the matrix when the % difference is greater than 10%. This applies only when (I) is greater than or equal to 50x MDL for ICP, 100x MDL for ICP-MS (6020), 50x MDL for ICP-MS (200.8), or 25x MDL for GFAA.

Verification of Instrument Parameters

QUALITY ASSURANCE SUMMARY

FORM 10

INSTRUMENT DETECTION LIMITS (BIANNUALLY)

Lab Name: LANCASTER_LABORATORIES

SDG No.: CBN48

ICP Instrument ID: 11016 Date: 10/2007

Flame Instrument ID: _____

Furnace Instrument ID: _____

Method: P

Analyte	Wavelength (nm)	Back-ground	IDL (ug/L)
Lead	220.35		7.5

Comments:

_____

_____

_____

_____

QUALITY ASSURANCE SUMMARY

FORM 10 MDL

METHOD DETECTION LIMITS (ANNUALLY)

Lab Name: LANCASTER_LABORATORIES

SDG No.: CBN48

Method: P

Date: 05/2007

Matrix (soil/water): WATER

Analyte	Wavelength (nm)	Background	LOQ (ug/L)	MDL (ug/L)
Lead	220.35		15.0	6.9

** The LOQ must be adjusted for % Solids and Sample Weight for samples reporting in mg/kg and ug.

Comments:

QUALITY ASSURANCE SUMMARY

FORM 11

ICP INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Lab Name: LANCASTER_LABORATORIES

SDG No. : CBN48

ICP Instrument ID: 11016 Date: 11/2007

Analyte	Wave-length (nm)	Interelement Correction Factor for: AL	CA	FE	MG	CO
Lead	220.35	-0.0000920	0.0000000	0.0000800	0.0000000	0.0000420

Comments:

QUALITY ASSURANCE SUMMARY

FORM 11

ICP INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Lab Name: LANCASTER_LABORATORIES

SDG No. : CBN48

ICP Instrument ID: 11016 Date: 11/2007

Analyte	Wave-length (nm)	Interelement Correction Factor for: CR	CU	MO	SI	--
Lead	220.35	0.0001220	0.0005510	-0.0010420	0.0002020	

Comments:

QUALITY ASSURANCE SUMMARY

FORM 12

LINEAR RANGES

Lab Name: LANCASTER_LABORATORIES

SDG No.: CBN48

ICP Instrument ID: 11016 Date: 10/2007

Method: P

Analyte	Wavelength (nm)	Integration Time (Sec.)	Concentration (ug/L)
Lead	220.35	10.00	10000.0

Comments:

Preparation and Run Logs

QUALITY ASSURANCE SUMMARY

FORM 13

PREPARATION LOG

Lab Name: LANCASTER_LABORATORIES___

SDG No.: CBN48_

Method: P_

Batch ID: P33748B

EPA Sample No.	Preparation Date	Weight (gram)	Volume (ml)
BC123	12/03/2007		50
BCD01	12/03/2007		50
BCD08	12/03/2007		50
BCEB1	12/03/2007		50
BCOR2	12/03/2007		50
BCOR3	12/03/2007		50
BCOS2	12/03/2007		50
BCOS3	12/03/2007		50
BCT05	12/03/2007		50
BCT23	12/03/2007		50
BCD02	12/03/2007		50
BCD02D	12/03/2007		50
BCD02M	12/03/2007		50
BCD02S	12/03/2007		50
P33748BB	12/03/2007		50
P33748BQ	12/03/2007		50

QUALITY ASSURANCE SUMMARY

FORM 14

ANALYSIS RUN LOG

Lab Name: LANCASTER_LABORATORIES

SDG No.: CBN48

Instrument ID Number: 11016 Method: P

Start Date: 12/08/2007 End Date: 12/08/2007

EPA Sample No.	D/F	Time	% R	Analytes
				PB
S0	1.00	1743		X
S	1.00	1746		
S	1.00	1750		X
S	1.00	1753		
ICV	1.00	1757		X
ICB	1.00	1800		X
LLC	1.00	1804		X
ICSA	1.00	1807		X
ICSAB	1.00	1811		X
CCV	1.00	1815		X
CCB	1.00	1818		X
P33748BB	1.00	1821		X
P33748BQ	1.00	1825		X
BCD02	1.00	1828		X
BCD02A	1.00	1832		
BCD02D	1.00	1835		X
BCD02S	1.00	1839		X
BCD02M	1.00	1842		X
BCD02L	5.00	1846		X
BCT23	1.00	1849		X
BC123	1.00	1853		X
CCV	1.00	1856		X
CCB	1.00	1859		X
BCT05	1.00	1903		X
BCD01	1.00	1906		X
BCD08	1.00	1910		X
BCOR2	1.00	1913		X
BCOS2	1.00	1916		X
BCOR3	1.00	1920		X
BCOS3	1.00	1923		X
BCEB1	1.00	1927		X
ZZZZZZ	1.00	1930		

QUALITY ASSURANCE SUMMARY

FORM 14

ANALYSIS RUN LOG

Lab Name: LANCASTER_LABORATORIES

SDG No.: CBN48

Instrument ID Number: 11016 Method: P

Start Date: 12/08/2007 End Date: 12/08/2007

EPA Sample No.	D/F	Time	% R	Analytes																												
				PB																												
ZZZZZZ	1.00	1934																														
CCV	1.00	1938		X																												
CCB	1.00	1944		X																												
ZZZZZZ	1.00	1948																														
ZZZZZZ	1.00	1951																														
ZZZZZZ	1.00	1955																														
ZZZZZZ	1.00	1958																														
ZZZZZZ	1.00	2002																														
ZZZZZZ	1.00	2006																														
ZZZZZZ	1.00	2009																														
LLC	1.00	2013		X																												
ICSA	1.00	2016		X																												
ICSAB	1.00	2020		X																												
CCV	1.00	2024		X																												
CCB	1.00	2027		X																												

Raw Data

ICP Data

Lancaster Laboratories

ICP-AES Run Data Report

Data Reviewed By: JHHRW 12/8/07

Data Verified By: [signature] 12-10-07
[signature] 12-13-07

Analyst Employee: 1496

Data File Name 0734206T70.TXT
Run Name: 0734206T70

Method Reference Name(s):
SW-846 6010B

Instrument Parameters:

Individual Integration Time:	10.00 sec
Total Integration Time:	30.00 sec

Element	Analyte Name	Wavelength Value
AG	Silver	328.06
AL	Aluminum	308.21
AS	Arsenic	189.04
B	Boron	249.67
BA	Barium	455.40
BE	Beryllium	313.04
CA	Calcium	317.93
CD	Cadmium	226.50
CO	Cobalt	228.62
CR	Chromium	267.72
CU	Copper	327.40
FE	Iron	261.19
K	Potassium	766.49
LI	Lithium	670.78
MG	Magnesium	285.21
MN	Manganese	257.61
MO	Molybdenum	202.03
NA	Sodium	589.59
NI	Nickel	231.60
PB	Lead	220.35
SB	Antimony	206.83
SE	Selenium	196.09
SI	Silicon	251.60
SN	Tin	189.99
SR	Strontium	421.55
TI	Titanium	334.94
TL	Thallium	190.86
V	Vanadium	292.40
Y1	Yttrium	224.31
Y2	Yttrium	371.03
ZN	Zinc	213.86

The TRACE ICP utilizes Yttrium as an internal standard to compensate for fluctuations in nebulization and plasma conditions. All Yttrium readings are expressed in counts.

0718

LANCASTER LABORATORIES

Run Name: 0734206T70

Instrument ID: 11016

Tube: 1

Date/Time: 12/08/2007 17:43

Sample Number: **S0**

ELEMENT	CONC (ppm)	AVERAGE INTENSITY	% RSD	INTEGRATIONS #1	#2	#3
AG	0.000	-0.10420	1.968	-0.10270	-0.10650	-0.10320
AL	0.000	0.33440	1.560	0.32980	0.33340	0.34010
AS	0.000	-0.00120	155.600	0.00090	-0.00180	-0.00280
B	0.000	0.00290	1.894	0.00280	0.00290	0.00280
BA	0.000	0.00198	6.143	0.00199	0.00185	0.00209
BE	0.000	0.05028	3.357	0.04833	0.05121	0.05129
CA	0.000	0.03810	0.940	0.03770	0.03830	0.03820
CD	0.000	0.00040	587.000	-0.00970	-0.00200	0.01300
CO	0.000	0.00410	169.400	0.00990	0.00620	-0.00370
CR	0.000	0.00000	247.800	0.00000	0.00000	-0.00010
CU	0.000	0.08140	1.753	0.08290	0.08010	0.08120
FE	0.000	0.00020	7.103	0.00020	0.00020	0.00020
K	0.000	0.07690	18.790	0.06430	0.09270	0.07380
MG	0.000	0.00000	611.800	0.00000	0.00000	0.00000
MN	0.000	0.00327	39.484	0.00198	0.00456	0.00327
MO	0.000	0.00400	301.600	-0.00520	-0.00050	0.01780
NA	0.000	0.00460	1.562	0.00460	0.00450	0.00470
NI	0.000	0.00260	226.400	0.00950	-0.00090	-0.00070
PB	0.000	0.00010	703.000	0.00420	0.00750	-0.01130
SB	0.000	0.00010	106.400	0.00000	0.00010	0.00010
SE	0.000	0.01480	9.795	0.01360	0.01640	0.01450
SI	0.000	0.00060	1.691	0.00060	0.00060	0.00060
SN	0.000	0.00480	242.300	0.00000	0.01810	-0.00370
SR	0.000	-0.00050	28.230	-0.00060	-0.00030	-0.00040
TI	0.000	0.00800	66.860	0.00430	0.00550	0.01410
TL	0.000	0.00530	110.700	0.00430	0.00000	0.01170
V	0.000	-0.00490	62.350	-0.00270	-0.00840	-0.00360
Y1	0.000	4363.90000	0.397	4383.80000	4356.00000	4352.00000
Y2	0.000	38342.00000	0.420	38505.00000	38337.00000	38183.00000
ZN	0.000	0.05480	24.880	0.07050	0.04570	0.04820

8711

LANCASTER LABORATORIES

Run Name: 0734206T70

Tube: 2 5

Sample Number: **S1**

Instrument ID: 11016

Date/Time: 12/08/2007 17:46

ELEMENT	CONC (ppm)	AVERAGE INTENSITY	% RSD	INTEGRATIONS #1	#2	#3
AL	50.000	109.10000	0.291	109.20000	109.40000	108.80000
CA	50.000	7.73500	0.284	7.71700	7.76000	7.72800
FE	50.000	3.85100	0.843	3.87900	3.86000	3.81600
K	50.000	3030.00000	0.408	3021.00000	3024.00000	3044.00000
MG	50.000	3.41000	0.230	3.40400	3.41900	3.40800
NA	50.000	2.83500	0.217	2.84000	2.82800	2.83700
SI	50.000	0.41860	0.284	0.41740	0.41970	0.41880
Y2	50.000	37690.00000	0.293	37812.00000	37598.00000	37659.00000

0712

LANCASTER LABORATORIES

Run Name: 0734206T70

Instrument ID: 11016

Tube: 3 S

Date/Time: 12/08/2007 17:50

Sample Number: **S2**

ELEMENT	CONC (ppm)	AVERAGE INTENSITY	% RSD	INTEGRATIONS #1	#2	#3
AG	1.000	19.25000	0.811	19.37000	19.30000	19.08000
AS	1.000	1.23800	8.362	1.32500	1.26600	1.12400
B	1.000	0.17680	0.299	0.17730	0.17690	0.17630
BA	1.000	12.00200	1.258	12.03900	12.13100	11.83600
BE	1.000	390.24000	1.008	394.78000	387.76000	388.19000
CD	1.000	70.22000	9.065	76.27000	70.80000	63.58000
CO	1.000	18.98000	10.020	20.82000	19.09000	17.03000
CU	1.000	16.41000	0.712	16.52000	16.41000	16.29000
MN	1.000	62.52600	0.565	62.80500	62.64300	62.12800
NI	1.000	9.50300	9.859	10.41000	9.55500	8.54200
PB	1.000	6.24900	8.074	6.72700	6.29800	5.72200
SE	1.000	2.04300	7.264	2.17400	2.07400	1.88200
SR	1.000	12.54000	0.907	12.63000	12.57000	12.41000
TL	1.000	4.81500	5.687	5.06000	4.86600	4.51900
Y1	1.000	4387.70000	0.265	4377.30000	4385.50000	4400.30000
Y2	1.000	38967.00000	0.121	38914.00000	39002.00000	38987.00000
ZN	1.000	84.35000	9.580	92.10000	84.97000	75.97000

9713

LANCASTER LABORATORIES

Run Name: 0734206T70

Tube: 4 5

Sample Number: **S3**

Instrument ID: 11016

Date/Time: 12/08/2007 17:53

ELEMENT	CONC (ppm)	AVERAGE INTENSITY	% RSD	INTEGRATIONS #1	#2	#3
CR	1.000	0.19510	1.077	0.19750	0.19360	0.19430
MO	1.000	25.84000	1.415	26.11000	25.98000	25.42000
SB	1.000	0.08770	1.029	0.08860	0.08760	0.08680
SN	1.000	2.80500	2.137	2.86400	2.80600	2.74400
TI	1.000	64.60000	0.539	65.00000	64.36000	64.43000
V	1.000	10.64000	0.966	10.76000	10.58000	10.59000
Y1	1.000	4429.10000	0.312	4433.10000	4440.40000	4413.60000
Y2	1.000	38686.00000	0.384	38519.00000	38736.00000	38803.00000

0714

LANCASTER LABORATORIES

Run Name: 0734206T70

Tube: 5

Sample Number: **ICV**

Instrument ID: 11016

Date/Time: 12/08/2007 17:57

ELEMENT	AVERAGE CONC (ppm)	AVERAGE INTENSITY	%RSD	INTEGRATIONS #1	#2	#3
AG	0.59580	0.00	0.587	0.59400	0.59980	0.59350
AL	29.78000	0.25	0.824	29.87000	29.97000	29.50000
AS	0.62390	0.03	4.802	0.64190	0.64060	0.58940
B	0.62380	0.01	0.847	0.62150	0.62980	0.62000
BA	0.57960	0.00	0.767	0.57887	0.58437	0.57557
BE	0.61099	0.00	0.593	0.60874	0.61517	0.60906
CA	30.92000	0.12	0.382	30.82000	31.05000	30.88000
CD	0.63630	0.03	3.934	0.64980	0.65170	0.60740
CO	0.64000	0.03	4.115	0.65640	0.65390	0.60960
CR	0.58870	0.00	0.524	0.58790	0.59210	0.58600
CU	0.60490	0.00	0.605	0.60420	0.60880	0.60160
FE	30.50000	0.11	0.368	30.50000	30.61000	30.38000
K	31.51000	0.24	0.759	31.50000	31.75000	31.27000
MG	30.00000	0.19	0.631	29.87000	30.21000	29.91000
MN	0.58504	0.00	0.426	0.58383	0.58790	0.58338
MO	0.60370	0.03	4.408	0.62010	0.61790	0.57300
NA	31.69000	0.13	0.397	31.65000	31.83000	31.58000
NI	0.63490	0.03	4.040	0.64800	0.65130	0.60530
PB	0.63490	0.02	2.560	0.63770	0.64960	0.61740
SB	0.59940	0.02	3.969	0.61770	0.60780	0.57250
SE	0.63530	0.02	2.440	0.64610	0.64220	0.61750
SI	0.05860	0.00	3.783	0.05830	0.05660	0.06100
SN	0.57970	0.03	5.376	0.60000	0.59520	0.54380
SR	0.59030	0.01	0.923	0.58430	0.59190	0.59480
TI	0.58250	0.00	0.684	0.58090	0.58700	0.57950
TL	0.58660	0.02	3.833	0.59650	0.60240	0.56080
V	0.59280	0.00	0.711	0.59160	0.59750	0.58940
Y1	4231.00000	4,231.00	0.585	4238.70000	4203.40000	4251.10000
Y2	37980.00000	37,980.00	0.297	38105.00000	37888.00000	37945.00000
ZN	0.65290	0.03	4.291	0.66870	0.66940	0.62050

0715

LANCASTER LABORATORIES

Run Name: 0734206T70

Tube: 6

Sample Number: **ICB**

Instrument ID: 11016

Date/Time: 12/08/2007 18:00

ELEMENT	AVERAGE CONC (ppm)	AVERAGE INTENSITY	%RSD	INTEGRATIONS #1	#2	#3
AG	-0.00020	0.00	96.770	-0.00020	0.00000	-0.00030
AL	0.00650	0.00	23.830	0.00580	0.00830	0.00540
AS	-0.00100	0.00	360.700	-0.00020	-0.00500	0.00210
B	0.01360	0.00	0.786	0.01370	0.01370	0.01350
BA	0.00016	0.00	6.664	0.00015	0.00017	0.00016
BE	0.00017	0.00	6.149	0.00016	0.00016	0.00018
CA	0.01630	0.00	3.839	0.01690	0.01620	0.01570
CD	0.00000	0.00	557.900	0.00020	-0.00010	-0.00030
CO	-0.00010	0.00	95.260	-0.00010	-0.00010	-0.00030
CR	0.00010	0.00	204.500	-0.00010	0.00010	0.00030
CU	0.00420	0.00	5.775	0.00390	0.00420	0.00440
FE	0.00160	0.00	22.680	0.00190	0.00120	0.00170
K	0.08850	0.00	0.376	0.08820	0.08840	0.08880
MG	0.00280	0.00	22.600	0.00340	0.00210	0.00280
MN	0.00006	0.00	94.109	0.00004	0.00011	0.00001
MO	0.00010	0.00	164.400	-0.00010	0.00030	0.00010
NA	0.00010	0.00	183.000	0.00390	0.00050	-0.00420
NI	0.00020	0.00	437.000	0.00010	-0.00060	0.00100
PB	-0.00080	0.00	303.900	-0.00220	-0.00230	0.00200
SB	-0.00240	0.00	90.340	-0.00080	-0.00150	-0.00480
SE	0.00430	0.00	93.380	0.00690	-0.00030	0.00640
SI	0.02020	0.00	15.570	0.02250	0.02140	0.01660
SN	0.00220	0.00	21.200	0.00250	0.00170	0.00240
SR	0.00000	0.00	146.600	0.00000	0.00000	0.00000
TI	0.00000	0.00	125.000	0.00010	0.00000	0.00000
TL	0.00050	0.00	412.300	0.00210	-0.00190	0.00130
V	0.00020	0.00	41.840	0.00010	0.00020	0.00030
Y1	4357.30000	4,357.30	0.198	4358.80000	4365.20000	4348.10000
Y2	38318.00000	38,318.00	0.471	38358.00000	38121.00000	38475.00000
ZN	0.00040	0.00	22.410	0.00040	0.00030	0.00050

0716

LANCASTER LABORATORIES

Run Name: 0734206T70

Tube: 7

Sample Number: **LLC**

Instrument ID: 11016

Date/Time: 12/08/2007 18:04

ELEMENT	AVERAGE CONC (ppm)	AVERAGE INTENSITY	%RSD	INTEGRATIONS #1	#2	#3
AG	0.00500	0.00	6.869	0.00530	0.00510	0.00460
AL	0.18960	0.00	1.911	0.18780	0.18720	0.19380
AS	0.01320	0.00	24.560	0.01340	0.01630	0.00980
B	0.06150	0.00	1.399	0.06120	0.06090	0.06250
BA	0.00505	0.00	1.025	0.00502	0.00501	0.00511
BE	0.00517	0.00	1.730	0.00515	0.00510	0.00527
CA	0.21890	0.01	2.922	0.21400	0.21650	0.22610
CD	0.00520	0.00	8.470	0.00560	0.00530	0.00470
CO	0.00540	0.00	10.910	0.00580	0.00470	0.00550
CR	0.01460	0.00	0.498	0.01450	0.01470	0.01470
CU	0.01430	0.00	2.782	0.01400	0.01420	0.01480
FE	0.20720	0.00	0.529	0.20700	0.20620	0.20840
K	0.49690	0.01	1.025	0.49570	0.49260	0.50250
MG	0.09800	0.00	0.511	0.09790	0.09760	0.09850
MN	0.00494	0.00	2.309	0.00501	0.00481	0.00501
MO	0.01030	0.00	5.165	0.01090	0.01010	0.00990
NA	1.11700	0.01	1.064	1.11600	1.10600	1.12900
NI	0.01200	0.00	7.813	0.01280	0.01230	0.01100
PB	0.01450	0.00	13.030	0.01290	0.01660	0.01390
SB	0.01880	0.00	6.972	0.01850	0.02020	0.01760
SE	0.02630	0.00	9.311	0.02390	0.02610	0.02880
SI	0.02690	0.00	15.050	0.02350	0.02600	0.03140
SN	0.02300	0.00	6.884	0.02440	0.02130	0.02310
SR	0.00500	0.00	1.219	0.00500	0.00490	0.00510
TI	0.00970	0.00	1.359	0.00960	0.00960	0.00990
TL	0.02000	0.00	5.014	0.02100	0.02010	0.01900
V	0.00490	0.00	2.069	0.00500	0.00480	0.00500
Y1	4369.40000	4,369.40	1.061	4325.50000	4417.90000	4364.90000
Y2	38863.00000	38,863.00	0.776	39001.00000	39071.00000	38517.00000
ZN	0.02230	0.00	1.515	0.02260	0.02230	0.02200

8717

LANCASTER LABORATORIES

Run Name: 0734206T70

Tube: 8

Sample Number: **ICSA**

Instrument ID: 11016

Date/Time: 12/08/2007 18:07

ELEMENT	AVERAGE CONC (ppm)	AVERAGE INTENSITY	%RSD	INTEGRATIONS #1	#2	#3
AG	-0.00540	0.00	5.096	-0.00560	-0.00560	-0.00510
AL	479.00000	1.05	0.219	478.60000	480.10000	478.10000
AS	-0.00920	0.02	204.400	-0.02980	-0.00480	0.00700
B	0.04330	0.00	3.632	0.04260	0.04500	0.04210
BA	0.00006	0.00	7.435	0.00006	0.00006	0.00007
BE	0.00010	0.00	11.411	0.00009	0.00009	0.00011
CA	461.00000	6.27	1.360	468.10000	456.30000	458.60000
CD	-0.00560	0.00	34.880	-0.00400	-0.00490	-0.00770
CO	-0.00090	0.00	54.730	-0.00040	-0.00110	-0.00130
CR	0.00040	0.00	42.810	0.00020	0.00050	0.00040
CU	0.00800	0.00	9.331	0.00840	0.00710	0.00850
FE	176.00000	0.41	0.234	176.20000	175.50000	176.20000
K	0.20210	0.00	0.221	0.20200	0.20170	0.20260
MG	434.20000	1.19	0.273	435.50000	433.30000	433.70000
MN	0.00281	0.00	3.434	0.00273	0.00279	0.00292
MO	-0.00310	0.00	27.620	-0.00400	-0.00230	-0.00290
NA	-0.02090	0.01	36.120	-0.01230	-0.02400	-0.02640
NI	0.00830	0.00	29.550	0.00840	0.01080	0.00580
PB	0.00500	0.01	100.500	-0.00080	0.00750	0.00820
SB	0.00290	0.00	131.100	0.00270	0.00690	-0.00080
SE	0.01560	0.01	52.930	0.00880	0.01330	0.02480
SI	0.02950	0.00	11.570	0.02670	0.02850	0.03330
SN	0.00570	0.01	165.300	0.01250	0.00950	-0.00500
SR	0.00320	0.00	0.274	0.00320	0.00320	0.00320
TI	0.00260	0.00	4.255	0.00260	0.00240	0.00260
TL	0.00760	0.00	4.716	0.00780	0.00720	0.00770
V	-0.00710	0.00	3.371	-0.00680	-0.00710	-0.00730
Y1	3875.80000	3,875.80	0.504	3854.60000	3879.80000	3893.00000
Y2	35995.00000	35,995.00	0.295	35874.00000	36071.00000	36040.00000
ZN	-0.00540	0.00	57.200	-0.00290	-0.00440	-0.00880

8719

LANCASTER LABORATORIES

Run Name: 0734206T70

Tube: 9

Sample Number: **ICSAB**

Instrument ID: 11016

Date/Time: 12/08/2007 18:11

ELEMENT	AVERAGE CONC (ppm)	AVERAGE INTENSITY	%RSD	INTEGRATIONS #1	#2	#3
AG	0.19140	0.00	0.195	0.19150	0.19160	0.19090
AL	473.50000	3.23	0.683	470.80000	472.50000	477.10000
AS	0.08660	0.01	6.095	0.09160	0.08700	0.08110
B	0.04200	0.00	2.310	0.04210	0.04290	0.04100
BA	0.45374	0.00	0.349	0.45518	0.45400	0.45205
BE	0.44170	0.00	0.303	0.44302	0.44174	0.44034
CA	459.90000	0.61	0.133	460.60000	459.80000	459.30000
CD	0.90840	0.03	3.814	0.93780	0.91730	0.87020
CO	0.46390	0.02	4.362	0.48090	0.46910	0.44150
CR	0.43550	0.00	0.481	0.43720	0.43610	0.43310
CU	0.51120	0.00	0.722	0.51180	0.51450	0.50720
FE	176.60000	0.93	0.528	176.70000	177.60000	175.70000
K	0.20140	0.00	0.454	0.20130	0.20230	0.20050
MG	431.60000	3.36	0.779	430.40000	435.40000	429.00000
MN	0.43776	0.00	0.483	0.43965	0.43815	0.43548
MO	-0.00320	0.00	6.511	-0.00300	-0.00340	-0.00310
NA	-0.03520	0.00	12.410	-0.03030	-0.03840	-0.03700
NI	0.90830	0.03	3.321	0.93100	0.91980	0.87400
PB	0.04910	0.00	3.315	0.04940	0.04730	0.05050
SB	0.57670	0.03	4.681	0.59810	0.58560	0.54640
SE	0.05390	0.00	5.960	0.05740	0.05310	0.05110
SI	0.02640	0.00	10.990	0.02950	0.02570	0.02380
SN	0.00110	0.00	214.200	0.00180	-0.00150	0.00280
SR	0.00310	0.00	0.362	0.00310	0.00320	0.00310
TI	-0.00020	0.00	56.990	-0.00020	-0.00030	-0.00010
TL	0.08900	0.00	1.638	0.08940	0.09020	0.08740
V	0.44390	0.00	0.381	0.44580	0.44330	0.44260
Y1	3888.30000	3,888.30	0.566	3867.10000	3886.70000	3911.00000
Y2	36169.00000	36,169.00	0.291	36257.00000	36197.00000	36053.00000
ZN	0.99770	0.04	4.395	1.03500	1.00900	0.94930

8719

LANCASTER LABORATORIES

Run Name: 0734206T70

Tube: 10

Sample Number: **CCV**

Instrument ID: 11016

Date/Time: 12/08/2007 18:15

ELEMENT	AVERAGE CONC (ppm)	AVERAGE INTENSITY	%RSD	INTEGRATIONS #1	#2	#3
AG	0.48930	0.00	0.187	0.48840	0.49020	0.48950
AL	24.22000	0.13	0.523	24.07000	24.31000	24.26000
AS	0.52390	0.00	0.509	0.52650	0.52410	0.52120
B	0.51220	0.00	0.381	0.50990	0.51350	0.51310
BA	0.48092	0.00	0.392	0.47942	0.48303	0.48030
BE	0.50169	0.00	0.207	0.50051	0.50211	0.50245
CA	25.68000	0.07	0.257	25.61000	25.67000	25.74000
CD	0.53500	0.00	0.658	0.53810	0.53570	0.53120
CO	0.54150	0.00	0.890	0.54420	0.54430	0.53590
CR	0.48960	0.00	0.319	0.48780	0.49050	0.49040
CU	0.49990	0.00	0.577	0.49660	0.50180	0.50120
FE	25.37000	0.09	0.364	25.30000	25.33000	25.48000
K	25.72000	0.43	1.660	25.50000	26.21000	25.44000
MG	24.45000	0.07	0.302	24.46000	24.52000	24.38000
MN	0.48529	0.00	0.221	0.48428	0.48518	0.48642
MO	0.50140	0.00	0.793	0.50540	0.50120	0.49750
NA	26.32000	0.01	0.053	26.31000	26.34000	26.31000
NI	0.53300	0.00	0.860	0.53390	0.53710	0.52810
PB	0.51990	0.00	0.508	0.52110	0.52170	0.51680
SB	0.49800	0.01	1.495	0.50640	0.49530	0.49230
SE	0.52990	0.00	0.478	0.53210	0.53050	0.52710
SI	25.04000	0.09	0.379	24.97000	25.14000	24.99000
SN	0.48980	0.00	0.851	0.48570	0.48970	0.49400
SR	0.49540	0.00	0.475	0.49380	0.49810	0.49440
TI	0.48360	0.00	0.315	0.48180	0.48450	0.48450
TL	0.49160	0.00	0.292	0.49330	0.49070	0.49090
V	0.49260	0.00	0.150	0.49210	0.49350	0.49230
Y1	4333.20000	4,333.20	0.380	4349.50000	4333.70000	4316.50000
Y2	38504.00000	38,504.00	0.363	38580.00000	38343.00000	38590.00000
ZN	0.54360	0.00	0.587	0.54620	0.54450	0.54000

8728

LANCASTER LABORATORIES

Run Name: 0734206T70

Tube: 11

Sample Number: **CCB**

Instrument ID: 11016

Date/Time: 12/08/2007 18:18

ELEMENT	AVERAGE CONC (ppm)	AVERAGE INTENSITY	%RSD	INTEGRATIONS #1	#2	#3
AG	-0.00020	0.00	66.030	-0.00030	-0.00040	-0.00010
AL	0.01380	0.00	6.956	0.01480	0.01290	0.01360
AS	-0.00250	0.01	198.100	-0.00150	0.00190	-0.00800
B	0.01230	0.00	4.339	0.01290	0.01180	0.01210
BA	0.00018	0.00	15.369	0.00015	0.00021	0.00018
BE	0.00019	0.00	7.632	0.00018	0.00020	0.00018
CA	0.03030	0.00	5.621	0.02970	0.02900	0.03230
CD	-0.00010	0.00	278.500	-0.00020	0.00010	-0.00020
CO	0.00020	0.00	161.300	0.00010	0.00060	-0.00010
CR	0.00000	0.00	670.000	0.00000	-0.00060	0.00060
CU	0.00410	0.00	8.125	0.00430	0.00430	0.00370
FE	0.00570	0.00	6.418	0.00610	0.00560	0.00540
K	0.08680	0.00	0.069	0.08680	0.08690	0.08680
MG	0.01430	0.00	6.395	0.01530	0.01410	0.01350
MN	0.00005	0.00	40.856	0.00007	0.00006	0.00003
MO	0.00010	0.00	452.300	0.00040	-0.00040	0.00030
NA	-0.04060	0.00	7.227	-0.03880	-0.03900	-0.04400
NI	0.00120	0.00	58.880	0.00140	0.00180	0.00040
PB	0.00120	0.00	159.700	0.00040	0.00330	-0.00020
SB	0.00150	0.00	116.500	0.00340	0.00020	0.00080
SE	0.00880	0.00	12.130	0.00920	0.00970	0.00760
SI	0.02310	0.00	2.931	0.02370	0.02230	0.02330
SN	0.00090	0.00	116.100	0.00030	0.00030	0.00220
SR	0.00000	0.00	555.600	0.00000	0.00000	0.00000
TI	-0.00010	0.00	164.400	-0.00020	0.00000	0.00000
TL	0.00130	0.00	131.100	0.00310	-0.00030	0.00120
V	0.00010	0.00	281.900	0.00020	-0.00010	0.00010
Y1	4446.10000	4,446.10	0.147	4440.60000	4444.40000	4453.30000
Y2	38339.00000	38,339.00	0.508	38144.00000	38534.00000	38338.00000
ZN	0.00040	0.00	13.940	0.00030	0.00030	0.00040

8721

LANCASTER LABORATORIES

Run Name: 0734206T70 P33748 BB
Tube: 12
Instrument ID: 11016
Date/Time: 12/08/2007 18:21

Sample Number: **PBW** Class: **** Batch: 073371848002

Initial Vol: 50.00 Final Vol: 50.00 DF: 1.00 Protocol Symbol: S

ELEMENT	AVERAGE CONC (ppm)	AVERAGE INTENSITY	%RSD	INTEGRATIONS #1	#2	#3
AG	0.00006	0.00	93.427	0.00011	0.00000	0.00007
AL	0.00307	0.00	54.215	0.00459	0.00333	0.00129
AS	-0.00592	0.01	87.661	-0.01147	-0.00119	-0.00510
B	0.01173	0.00	1.595	0.01183	0.01151	0.01184
BA	0.00015	0.00	10.896	0.00015	0.00014	0.00017
BE	0.00012	0.00	9.364	0.00012	0.00013	0.00011
CA	0.04957	0.00	3.436	0.04772	0.05107	0.04991
CD	-0.00021	0.00	23.968	-0.00021	-0.00026	-0.00016
CO	-0.00025	0.00	122.546	-0.00003	-0.00012	-0.00060
CR	-0.00002	0.00	147.696	0.00016	-0.00018	-0.00003
CU	0.00458	0.00	6.299	0.00442	0.00491	0.00439
FE	0.00427	0.00	22.853	0.00486	0.00314	0.00481
K	0.09005	0.00	0.089	0.09008	0.08996	0.09011
MG	0.00593	0.00	3.906	0.00601	0.00611	0.00567
MN	0.00003	0.00	225.283	0.00006	-0.00005	0.00007
MO	-0.00013	0.00	180.752	0.00010	-0.00036	-0.00012
NA	-0.03088	0.00	5.917	-0.03013	-0.03296	-0.02955
NI	0.00121	0.00	120.230	0.00187	-0.00046	0.00223
PB	0.00074	0.00	337.121	-0.00004	0.00354	-0.00127
SB	0.00017	0.00	609.321	0.00160	-0.00291	0.00180
SE	0.00629	0.00	73.508	0.00730	0.01033	0.00125
SI	0.02928	0.00	5.074	0.02895	0.03090	0.02799
SN	0.00107	0.00	214.838	-0.00094	0.00357	0.00057
SR	-0.00001	0.00	74.032	-0.00001	-0.00001	0.00000
TI	0.00001	0.00	67.773	0.00001	0.00000	0.00001
TL	-0.00147	0.00	103.796	-0.00097	-0.00026	-0.00318
V	0.00020	0.00	148.709	0.00044	0.00029	-0.00013
Y1	4377.08300	4,377.08	0.574	4395.87700	4386.80300	4348.56900
Y2	38651.26000	38,651.26	0.329	38528.20000	38643.14000	38782.45000
ZN	0.00244	0.00	5.305	0.00245	0.00257	0.00231

8722

LANCASTER LABORATORIES

Run Name: 0734206T70 P337480Q

Instrument ID: 11016

Tube: 13

Date/Time: 12/08/2007 18:25

Sample Number: **LCSW** Class: **** Batch: 073371848002

Initial Vol: 1.00 Final Vol: 1.00 DF: 1.00 Protocol Symbol: S

ELEMENT	AVERAGE CONC (ppm)	AVERAGE INTENSITY	%RSD	INTEGRATIONS #1	#2	#3
AG	0.04875	0.00	0.800	0.04895	0.04901	0.04830
AL	1.85579	0.02	0.978	1.87263	1.85818	1.83656
AS	0.14487	0.00	3.438	0.15052	0.14110	0.14298
B	1.93607	0.01	0.608	1.94439	1.94121	1.92260
BA	1.95239	0.03	1.533	1.98688	1.93687	1.93342
BE	0.04790	0.00	0.717	0.04806	0.04813	0.04750
CA	4.12665	0.03	0.688	4.13998	4.14590	4.09405
CD	0.05277	0.00	1.036	0.05337	0.05265	0.05229
CO	0.54482	0.01	1.776	0.55152	0.54921	0.53373
CR	0.19904	0.00	0.644	0.20005	0.19947	0.19760
CU	0.25436	0.00	0.914	0.25650	0.25470	0.25189
FE	1.05005	0.01	0.699	1.05283	1.05560	1.04172
K	3.68729	0.03	0.938	3.72021	3.69039	3.65128
MG	1.94879	0.02	0.820	1.96551	1.94719	1.93367
MN	0.50146	0.00	0.709	0.50337	0.50365	0.49735
MO	2.00200	0.03	1.735	2.02936	2.01372	1.96292
NA	4.47933	0.03	0.640	4.50525	4.48422	4.44851
NI	0.53935	0.01	1.399	0.54461	0.54273	0.53070
PB	0.13016	0.00	2.892	0.13420	0.12675	0.12953
SB	0.49064	0.01	1.849	0.49903	0.49188	0.48102
SE	0.11874	0.01	7.128	0.11836	0.12739	0.11048
SI	0.05055	0.00	5.364	0.05246	0.04745	0.05175
SN	3.90572	0.07	1.718	3.96373	3.92120	3.83224
SR	1.00135	0.01	1.160	1.01119	1.00433	0.98854
TI	1.00373	0.01	0.788	1.00896	1.00760	0.99463
TL	0.14886	0.00	2.114	0.15103	0.15029	0.14525
V	0.50526	0.00	0.899	0.50768	0.50808	0.50002
Y1	4413.24600	4,413.25	0.073	4414.91000	4409.51200	4415.31600
Y2	38842.79000	38,842.79	0.809	38484.86000	38970.83000	39072.69000
ZN	0.53011	0.01	1.657	0.53658	0.53365	0.52012

0723

LANCASTER LABORATORIES

Run Name: 0734206T70 BCD02 Instrument ID: 11016

Tube: 14 Date/Time: 12/08/2007 18:28

Sample Number: **5223997** Class: U*** Batch: 073371848002

Initial Vol: 50.00 Final Vol: 50.00 DF: 1.00 Protocol Symbol: S

ELEMENT	AVERAGE CONC (ppm)	AVERAGE INTENSITY	%RSD	INTEGRATIONS #1	#2	#3
AG	-0.00066	0.00	32.410	-0.00046	-0.00089	-0.00064
AL	11.13811	0.09	0.824	11.14830	11.22443	11.04161
AS	0.00109	0.00	455.296	0.00671	-0.00278	-0.00065
B	0.03027	0.00	0.952	0.03051	0.02995	0.03035
BA	0.09633	0.00	0.857	0.09638	0.09713	0.09548
BE	0.00074	0.00	0.861	0.00075	0.00074	0.00074
CA	59.64406	0.83	1.388	59.90605	60.30917	58.71696
CD	-0.00073	0.00	21.268	-0.00088	-0.00076	-0.00057
CO	0.00902	0.00	4.364	0.00914	0.00858	0.00934
CR	0.01383	0.00	0.350	0.01388	0.01381	0.01379
CU	0.04047	0.00	0.195	0.04045	0.04040	0.04055
FE	18.73590	0.13	0.682	18.76917	18.84377	18.59477
K	2.79195	0.02	0.585	2.79844	2.80405	2.77336
MG	19.22215	0.10	0.545	19.28116	19.28418	19.10111
MN	0.79691	0.01	0.822	0.79799	0.80286	0.78989
MO	0.00050	0.00	7.630	0.00046	0.00053	0.00051
NA	10.20981	0.05	0.501	10.25095	10.22595	10.15254
NI	0.01699	0.00	6.996	0.01753	0.01563	0.01782
PB	0.01609	0.00	22.387	0.01256	0.01596	0.01976
SB	0.00185	0.00	47.397	0.00259	0.00207	0.00088
SE	0.00420	0.00	69.275	0.00129	0.00711	0.00420
SI	21.91954	0.09	0.404	21.99937	21.93508	21.82417
SN	0.00495	0.00	60.064	0.00169	0.00566	0.00750
SR	0.16748	0.00	0.961	0.16763	0.16901	0.16580
TI	0.07026	0.00	1.553	0.07039	0.07129	0.06911
TL	0.00321	0.00	48.365	0.00144	0.00435	0.00383
V	0.01399	0.00	3.219	0.01450	0.01369	0.01377
Y1	4332.87600	4,332.88	0.251	4335.75200	4342.03000	4320.84700
Y2	38404.54000	38,404.54	0.388	38397.80000	38259.17000	38556.65000
ZN	0.06891	0.00	1.460	0.07002	0.06864	0.06806

8724

LANCASTER LABORATORIES

Run Name: 0734206T70 Instrument ID: 11016

Tube: 15 BCD02A Date/Time: 12/08/2007 18:32

Sample Number: **5223997** Class: UP** Batch: 073371848002

Initial Vol: 50.00 Final Vol: 50.00 DF: 1.00 Protocol Symbol: S

ELEMENT	AVERAGE CONC (ppm)	AVERAGE INTENSITY	%RSD	INTEGRATIONS #1	#2	#3
AG	0.01729	0.00	0.086	0.01730	0.01727	0.01730
AL	12.98662	0.06	0.458	13.04738	12.98403	12.92845
AS	0.64817	0.00	0.580	0.65171	0.64857	0.64423
B	0.27066	0.00	0.187	0.27100	0.27089	0.27008
BA	0.16146	0.00	0.033	0.16148	0.16150	0.16139
BE	0.02491	0.00	0.122	0.02494	0.02489	0.02489
CA	59.49206	0.36	0.600	59.87995	59.17699	59.41925
CD	0.06516	0.00	0.418	0.06547	0.06498	0.06502
CO	0.14473	0.00	0.820	0.14607	0.14432	0.14381
CR	0.25542	0.00	0.185	0.25591	0.25497	0.25538
CU	0.65453	0.00	0.257	0.65640	0.65314	0.65405
FE	18.99525	0.05	0.278	19.05607	16.96721	18.96246
K	5.90003	0.01	0.124	5.90826	5.89761	5.89421
MG	20.15723	0.03	0.129	20.16994	20.12724	20.17451
MN	0.84901	0.00	0.264	0.85144	0.84857	0.84702
MO	0.25309	0.00	0.898	0.25486	0.25389	0.25053
NA	12.76257	0.04	0.278	12.75493	12.80121	12.73159
NI	0.21442	0.00	1.736	0.21865	0.21168	0.21291
PB	0.65701	0.01	0.878	0.66207	0.65073	0.65825
SB	0.49566	0.00	0.297	0.49705	0.49581	0.49412
SE	1.00332	0.00	0.358	1.00645	1.00413	0.99939
SI	24.43566	0.05	0.202	24.40298	24.49230	24.41171
SN	0.73843	0.01	1.377	0.73717	0.74918	0.72896
SR	0.18863	0.00	0.068	0.18865	0.18850	0.18876
TI	0.26977	0.01	2.170	0.27419	0.27199	0.26313
TL	1.21096	0.01	0.721	1.21617	1.21584	1.20088
V	0.13912	0.00	0.377	0.13953	0.13853	0.13930
Y1	4288.71000	4,288.71	0.089	4288.09200	4285.21900	4292.81900
Y2	38320.67000	38,320.67	0.120	38303.08000	38373.04000	38285.89000
ZN	0.22742	0.00	0.858	0.22848	0.22863	0.22517

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LANCASTER LABORATORIES

Run Name: 0734206T70 BCD02D

Tube: 16

Instrument ID: 11016

Date/Time: 12/08/2007 18:35

Sample Number: **5224000** Class: D*** Batch: 073371848002

Initial Vol: 50.00 Final Vol: 50.00 DF: 1.00 Protocol Symbol: S

ELEMENT	AVERAGE CONC (ppm)	AVERAGE INTENSITY	%RSD	INTEGRATIONS #1	#2	#3
AG	-0.00057	0.00	12.966	-0.00055	-0.00065	-0.00050
AL	12.68867	0.06	0.480	12.62203	12.74131	12.70268
AS	0.00207	0.01	289.375	0.00898	-0.00175	-0.00101
B	0.02829	0.00	2.427	0.02757	0.02838	0.02893
BA	0.10087	0.00	0.472	0.10033	0.10107	0.10121
BE	0.00079	0.00	2.906	0.00077	0.00078	0.00082
CA	59.78653	0.27	0.458	59.82527	59.49540	60.03890
CD	-0.00072	0.00	23.102	-0.00053	-0.00079	-0.00083
CO	0.01033	0.00	8.167	0.01057	0.01102	0.00939
CR	0.01537	0.00	3.152	0.01508	0.01510	0.01593
CU	0.04381	0.00	1.014	0.04347	0.04431	0.04366
FE	21.69798	0.17	0.787	21.50894	21.84142	21.74358
K	3.09694	0.02	0.596	3.07568	3.10619	3.10895
MG	19.75308	0.10	0.504	19.65425	19.75167	19.85331
MN	0.82887	0.01	0.799	0.82157	0.83450	0.83054
MO	0.00035	0.00	45.881	0.00018	0.00039	0.00049
NA	10.21233	0.05	0.462	10.15870	10.24715	10.23114
NI	0.01975	0.00	2.230	0.01977	0.02018	0.01930
PB	0.01402	0.00	10.662	0.01233	0.01456	0.01517
SB	-0.00054	0.00	693.832	-0.00479	0.00244	0.00072
SE	0.01015	0.00	23.042	0.01274	0.00950	0.00820
SI	23.84003	0.14	0.569	23.68461	23.93411	23.90138
SN	0.00474	0.00	19.151	0.00500	0.00548	0.00373
SR	0.16756	0.00	0.426	0.16674	0.16797	0.16798
TI	0.07948	0.00	2.320	0.07772	0.08140	0.07933
TL	0.00197	0.00	105.583	0.00076	0.00077	0.00437
V	0.01535	0.00	4.086	0.01546	0.01468	0.01592
Y1	4345.91100	4,345.91	0.568	4317.44300	4361.49500	4358.79500
Y2	38331.65000	38,331.65	0.409	38453.70000	38386.49000	38154.76000
ZN	0.07646	0.00	2.282	0.07797	0.07685	0.07455

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LANCASTER LABORATORIES

Run Name: 0734206T70 BC0025

Tube: 17

Instrument ID: 11016

Date/Time: 12/08/2007 18:39

Sample Number: **5223998** Class: R*** Batch: 073371848002

Initial Vol: 50.00 Final Vol: 50.00 DF: 1.00 Protocol Symbol: S

ELEMENT	AVERAGE CONC (ppm)	AVERAGE INTENSITY	%RSD	INTEGRATIONS #1	#2	#3
AG	0.04802	0.00	0.623	0.04775	0.04796	0.04834
AL	7.32905	0.06	0.772	7.27073	7.38378	7.33264
AS	0.14494	0.01	6.465	0.14108	0.15562	0.13811
B	1.95696	0.02	1.021	1.93432	1.96452	1.97206
BA	1.93099	0.03	1.326	1.90920	1.92458	1.95918
BE	0.04777	0.00	0.994	0.04724	0.04793	0.04815
CA	60.51919	0.84	1.392	59.97158	61.48901	60.09700
CD	0.05215	0.00	2.878	0.05341	0.05255	0.05049
CO	0.54059	0.01	2.392	0.55130	0.54425	0.52622
CR	0.20244	0.00	0.805	0.20068	0.20275	0.20390
CU	0.26123	0.00	0.703	0.25920	0.26278	0.26171
FE	8.01333	0.06	0.726	7.94643	8.05213	8.04144
K	6.01944	0.04	0.675	5.97793	6.05911	6.02127
MG	18.27971	0.21	1.147	18.04349	18.44366	18.35198
MN	0.74532	0.01	0.858	0.73804	0.74784	0.75006
MO	2.01035	0.05	2.515	2.05303	2.02352	1.95450
NA	14.10909	0.14	0.971	13.96926	14.24319	14.11482
NI	0.53871	0.01	2.229	0.54770	0.54337	0.52508
PB	0.12962	0.00	2.664	0.13325	0.12922	0.12638
SB	0.49355	0.01	2.453	0.50274	0.49806	0.47983
SE	0.11740	0.00	0.803	0.11745	0.11643	0.11832
SI	14.84544	0.18	1.181	14.64405	14.96373	14.92854
SN	3.91050	0.10	2.511	3.99235	3.93755	3.80162
SR	1.12461	0.01	1.109	1.11156	1.12585	1.13642
TI	1.01892	0.01	0.856	1.00888	1.02341	1.02449
TL	0.14855	0.00	2.169	0.15157	0.14892	0.14516
V	0.50433	0.00	0.834	0.49991	0.50481	0.50828
Y1	4279.51800	4,279.52	0.347	4295.53200	4276.79700	4266.22700
Y2	38699.47000	38,699.47	0.688	39005.77000	38523.63000	38569.01000
ZN	0.55355	0.01	2.270	0.56484	0.55578	0.54002

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LANCASTER LABORATORIES

Run Name: 0734206T70 BCD 02M

Instrument ID: 11016

Tube: 18

Date/Time: 12/08/2007 18:42

Sample Number: **5223999** Class: M*** Batch: 073371848002

Initial Vol: 50.00 Final Vol: 50.00 DF: 1.00 Protocol Symbol: S

ELEMENT	AVERAGE CONC (ppm)	AVERAGE INTENSITY	%RSD	INTEGRATIONS #1	#2	#3
AG	0.04788	0.00	0.458	0.04763	0.04804	0.04798
AL	7.94038	0.04	0.489	7.98339	7.92988	7.90787
AS	0.13949	0.01	6.318	0.13019	0.14773	0.14054
B	1.96476	0.01	0.691	1.97956	1.96180	1.95291
BA	1.94676	0.01	0.360	1.94298	1.95485	1.94246
BE	0.04804	0.00	0.764	0.04831	0.04819	0.04763
CA	60.84038	1.13	1.850	61.64505	61.32184	59.55424
CD	0.05189	0.00	2.321	0.05279	0.05236	0.05052
CO	0.53632	0.02	2.988	0.55132	0.53821	0.51944
CR	0.20325	0.00	0.544	0.20444	0.20306	0.20226
CU	0.26510	0.00	0.704	0.26683	0.26534	0.26312
FE	9.14396	0.06	0.685	9.19559	9.16198	9.07431
K	6.03090	0.02	0.374	6.05593	6.01208	6.02468
MG	18.44261	0.08	0.412	18.49577	18.47643	18.35564
MN	0.82291	0.01	0.811	0.82735	0.82615	0.81523
MO	1.99212	0.06	3.127	2.04351	2.01001	1.92284
NA	14.17556	0.03	0.220	14.15758	14.21149	14.15761
NI	0.53379	0.02	3.337	0.54877	0.53850	0.51410
PB	0.13141	0.01	5.118	0.13262	0.13745	0.12416
SB	0.48721	0.01	2.853	0.49758	0.49264	0.47142
SE	0.11516	0.01	6.709	0.11938	0.11986	0.10625
SI	15.84866	0.05	0.322	15.86145	15.89207	15.79244
SN	3.86836	0.13	3.456	3.96985	3.91836	3.71686
SR	1.12539	0.01	0.468	1.12995	1.12660	1.11962
TI	1.02410	0.01	0.749	1.03171	1.02421	1.01637
TL	0.14764	0.00	2.933	0.14864	0.15139	0.14290
V	0.50829	0.00	0.820	0.51264	0.50790	0.50434
Y1	4305.74700	4,305.75	0.447	4286.42400	4305.92300	4324.89500
Y2	38559.66000	38,559.66	0.589	38390.59000	38470.72000	38817.66000
ZN	0.55474	0.02	3.433	0.57011	0.56067	0.53343

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LANCASTER LABORATORIES

Run Name: 0734206T70 BCD02L
Tube: 19
Instrument ID: 11016
Date/Time: 12/08/2007 18:46

Sample Number: **5223997** Class: UL** Batch: 073371848002

Initial Vol: 50.00 Final Vol: 50.00 DF: 5.00 Protocol Symbol: S

ELEMENT	AVERAGE CONC (ppm)	AVERAGE INTENSITY	%RSD	INTEGRATIONS #1	#2	#3
AG	-0.00032	0.00	117.389	-0.00071	-0.00028	0.00004
AL	2.20786	0.01	0.446	2.21578	2.19685	2.21094
AS	-0.00066	0.00	606.644	0.00072	0.00246	-0.00515
B	0.02093	0.00	1.925	0.02137	0.02084	0.02058
BA	0.02013	0.00	0.342	0.02020	0.02006	0.02012
BE	0.00024	0.00	9.936	0.00022	0.00026	0.00026
CA	12.24395	0.08	0.637	12.31207	12.15890	12.26088
CD	-0.00004	0.00	120.340	0.00001	-0.00004	-0.00008
CO	0.00191	0.00	42.664	0.00216	0.00100	0.00258
CR	0.00303	0.00	14.513	0.00263	0.00350	0.00296
CU	0.01184	0.00	2.869	0.01205	0.01203	0.01145
FE	3.85142	0.02	0.597	3.87023	3.82579	3.85823
K	0.53482	0.00	0.113	0.53450	0.53444	0.53551
MG	3.79401	0.01	0.248	3.79197	3.78579	3.80426
MN	0.16405	0.00	0.692	0.16497	0.16278	0.16439
MO	0.00092	0.00	39.534	0.00053	0.00124	0.00100
NA	2.00850	0.01	0.315	2.01474	2.00207	2.00869
NI	0.00379	0.00	9.903	0.00348	0.00421	0.00369
PB	0.00433	0.00	25.402	0.00399	0.00556	0.00344
SB	0.00012	0.00	474.319	0.00149	-0.00178	0.00064
SE	0.00326	0.00	76.255	0.00589	0.00293	0.00095
SI	4.41857	0.02	0.540	4.39716	4.41423	4.44432
SN	0.00049	0.00	592.623	-0.00067	-0.00164	0.00376
SR	0.03364	0.00	0.099	0.03366	0.03365	0.03360
TI	0.01922	0.00	10.119	0.01940	0.01719	0.02107
TL	-0.00086	0.00	90.780	-0.00158	-0.00003	-0.00096
V	0.00319	0.00	8.756	0.00290	0.00346	0.00322
Y1	4474.24700	4,474.25	0.702	4509.53600	4449.40500	4463.79900
Y2	39286.59000	39,286.59	0.240	39221.24000	39394.89000	39243.64000
ZN	0.01475	0.00	0.558	0.01484	0.01471	0.01469

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LANCASTER LABORATORIES

Run Name: 0734206T70 BCT 23 Instrument ID: 11016

Tube: 20 Date/Time: 12/08/2007 18:49

Sample Number: **5223994** Class: **** Batch: 073371848002

Initial Vol: 50.00 Final Vol: 50.00 DF: 1.00 Protocol Symbol: S

ELEMENT	AVERAGE CONC (ppm)	AVERAGE INTENSITY	%RSD	INTEGRATIONS #1	#2	#3
AG	-0.00081	0.00	25.354	-0.00059	-0.00084	-0.00099
AL	9.43055	0.04	0.464	9.38887	9.42662	9.47616
AS	-0.00529	0.01	126.752	0.00000	-0.00304	-0.01282
B	0.05629	0.00	0.184	0.05622	0.05640	0.05624
BA	0.06612	0.00	0.526	0.06599	0.06586	0.06651
BE	0.00045	0.00	1.281	0.00044	0.00045	0.00045
CA	48.58850	0.68	1.399	48.60549	47.90040	49.25961
CD	0.00044	0.00	56.057	0.00066	0.00047	0.00018
CO	0.00652	0.00	7.433	0.00685	0.00674	0.00596
CR	0.01102	0.00	0.099	0.01103	0.01101	0.01102
CU	0.02079	0.00	0.965	0.02059	0.02099	0.02080
FE	16.42589	0.11	0.669	18.30696	16.44707	16.52365
K	3.07691	0.02	0.494	3.06440	3.07251	3.09383
MG	16.30346	0.01	0.060	16.29440	16.30212	16.31386
MN	0.42450	0.00	0.643	0.42271	0.42313	0.42764
MO	0.00039	0.00	115.469	0.00022	0.00005	0.00090
NA	46.51605	0.08	0.176	46.59309	46.52504	46.43003
NI	0.01448	0.00	11.665	0.01574	0.01256	0.01514
PB	0.02112	0.00	13.898	0.02073	0.02424	0.01841
SB	0.00021	0.00	975.669	0.00077	0.00196	-0.00209
SE	0.01211	0.00	30.709	0.00818	0.01257	0.01558
SI	16.68801	0.03	0.205	16.68385	16.65606	16.72411
SN	0.00189	0.00	128.028	0.00258	0.00390	-0.00080
SR	0.13072	0.00	0.474	0.13055	0.13021	0.13141
TI	0.05508	0.00	0.779	0.05459	0.05537	0.05528
TL	0.00291	0.00	70.191	0.00516	0.00236	0.00119
V	0.00960	0.00	8.425	0.00969	0.00875	0.01036
Y1	4261.36500	4,261.37	0.486	4264.03400	4239.44900	4280.61100
Y2	37965.63000	37,965.63	0.323	38061.72000	38007.68000	37827.48000
ZN	0.05668	0.00	0.930	0.05692	0.05704	0.05607

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LANCASTER LABORATORIES

Run Name: 0734206T70 Instrument ID: 11016

Tube: 21 BC123 Date/Time: 12/08/2007 18:53

Sample Number: **5223995** Class: **** Batch: 073371848002

Initial Vol: 50.00 Final Vol: 50.00 DF: 1.00 Protocol Symbol: S

ELEMENT	AVERAGE CONC (ppm)	AVERAGE INTENSITY	%RSD	INTEGRATIONS #1	#2	#3
AG	-0.00045	0.00	20.733	-0.00035	-0.00053	-0.00048
AL	9.77091	0.00	0.030	9.77287	9.76756	9.77229
AS	-0.00019	0.00	755.829	0.00028	0.00094	-0.00178
B	0.05394	0.00	0.410	0.05388	0.05418	0.05375
BA	0.07336	0.00	0.180	0.07335	0.07349	0.07323
BE	0.00048	0.00	1.782	0.00047	0.00049	0.00048
CA	49.53418	0.13	0.255	49.66731	49.51884	49.41639
CD	0.01258	0.00	0.457	0.01256	0.01265	0.01254
CO	0.00699	0.00	1.904	0.00687	0.00714	0.00697
CR	0.01075	0.00	4.430	0.01050	0.01130	0.01046
CU	0.02219	0.00	1.104	0.02225	0.02192	0.02239
FE	16.80999	0.02	0.126	16.83328	16.79203	16.80465
K	3.12412	0.00	0.067	3.12285	3.12296	3.12655
MG	16.76884	0.05	0.308	16.82523	16.72397	16.75732
MN	0.49363	0.00	0.152	0.49415	0.49399	0.49277
MO	0.00007	0.00	295.230	0.00032	-0.00008	-0.00002
NA	48.13241	0.12	0.257	48.26768	48.02560	48.10394
NI	0.01515	0.00	11.512	0.01488	0.01356	0.01702
PB	0.02500	0.00	7.489	0.02373	0.02715	0.02411
SB	-0.00009	0.00	359.926	0.00021	-0.00233	0.00185
SE	0.01579	0.00	16.781	0.01862	0.01337	0.01537
SI	17.03253	0.04	0.247	17.07111	16.98770	17.03879
SN	0.00327	0.00	63.973	0.00105	0.00521	0.00355
SR	0.13558	0.00	0.175	0.13572	0.13571	0.13531
TI	0.05573	0.00	0.419	0.05564	0.05556	0.05600
TL	-0.00135	0.00	261.293	-0.00401	0.00265	-0.00268
V	0.00987	0.00	3.655	0.00945	0.01003	0.01011
Y1	4320.22100	4,320.22	0.405	4332.81800	4327.60900	4300.23600
Y2	38535.04000	38,535.04	0.210	38460.12000	38523.96000	38621.04000
ZN	0.05952	0.00	1.053	0.06022	0.05900	0.05935

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LANCASTER LABORATORIES

Run Name: 0734206T70

Tube: 22

Sample Number: **CCV**

Instrument ID: 11016

Date/Time: 12/08/2007 18:56

ELEMENT	AVERAGE CONC (ppm)	AVERAGE INTENSITY	%RSD	INTEGRATIONS #1	#2	#3
AG	0.49840	0.00	0.783	0.49970	0.50160	0.49400
AL	24.35000	0.22	0.919	24.47000	24.49000	24.09000
AS	0.52450	0.01	2.806	0.53780	0.52700	0.50870
B	0.51840	0.00	0.826	0.52060	0.52110	0.51350
BA	0.48694	0.01	1.128	0.48780	0.49194	0.48107
BE	0.51610	0.01	1.125	0.51729	0.52121	0.50979
CA	26.50000	0.27	1.013	26.58000	26.72000	26.20000
CD	0.54430	0.01	1.552	0.55010	0.54820	0.53460
CO	0.55100	0.01	1.715	0.55740	0.55540	0.54010
CR	0.50180	0.01	1.110	0.50340	0.50640	0.49560
CU	0.50460	0.01	1.024	0.50720	0.50800	0.49870
FE	26.12000	0.22	0.831	26.28000	26.21000	25.87000
K	25.40000	0.23	0.921	25.17000	25.41000	25.64000
MG	24.70000	0.05	0.194	24.65000	24.75000	24.71000
MN	0.50004	0.01	1.085	0.50234	0.50393	0.49384
MO	0.51010	0.01	1.682	0.51570	0.51450	0.50030
NA	26.38000	0.02	0.085	26.40000	26.37000	26.36000
NI	0.54200	0.01	1.299	0.54550	0.54670	0.53390
PB	0.53070	0.00	0.803	0.53370	0.53260	0.52590
SB	0.50250	0.01	1.563	0.50310	0.51010	0.49440
SE	0.53200	0.00	0.543	0.52940	0.53510	0.53150
SI	25.39000	0.01	0.040	25.38000	25.40000	25.39000
SN	0.49580	0.01	1.916	0.50260	0.49990	0.48500
SR	0.50270	0.01	1.234	0.50270	0.50890	0.49640
TI	0.49440	0.01	1.143	0.49620	0.49900	0.48810
TL	0.49870	0.00	0.785	0.50090	0.50090	0.49410
V	0.50240	0.00	0.832	0.50270	0.50650	0.49810
Y1	4293.60000	4,293.60	0.551	4281.40000	4278.50000	4320.80000
Y2	38164.00000	38,164.00	0.273	38178.00000	38054.00000	38261.00000
ZN	0.55460	0.01	1.988	0.56250	0.55940	0.54200

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LANCASTER LABORATORIES

Run Name: 0734206T70

Tube: 23

Sample Number: **CCB**

Instrument ID: 11016

Date/Time: 12/08/2007 18:59

ELEMENT	AVERAGE CONC (ppm)	AVERAGE INTENSITY	%RSD	INTEGRATIONS #1	#2	#3
AG	-0.00010	0.00	232.900	0.00020	-0.00030	-0.00020
AL	0.00180	0.00	190.000	-0.00140	0.00540	0.00140
AS	-0.00430	0.01	148.600	0.00110	-0.01130	-0.00270
B	0.01400	0.00	2.636	0.01380	0.01440	0.01380
BA	0.00018	0.00	16.272	0.00016	0.00018	0.00022
BE	0.00019	0.00	3.128	0.00019	0.00019	0.00018
CA	0.02140	0.00	9.525	0.02180	0.02320	0.01920
CD	0.00010	0.00	162.100	0.00020	0.00020	-0.00010
CO	-0.00030	0.00	137.900	-0.00050	-0.00050	0.00020
CR	-0.00010	0.00	340.800	-0.00040	-0.00030	0.00030
CU	0.00410	0.00	15.460	0.00340	0.00410	0.00470
FE	0.00290	0.00	12.080	0.00310	0.00310	0.00250
K	0.08910	0.00	0.190	0.08900	0.08920	0.08890
MG	0.00590	0.00	25.300	0.00740	0.00570	0.00440
MN	0.00008	0.00	72.350	0.00003	0.00015	0.00007
MO	-0.00020	0.00	105.300	-0.00030	-0.00020	0.00000
NA	-0.02470	0.00	8.132	-0.02290	-0.02430	-0.02690
NI	0.00000	0.00	701.000	-0.00050	0.00090	-0.00060
PB	0.00180	0.00	163.900	-0.00150	0.00360	0.00320
SB	0.00010	0.00	490.000	-0.00220	0.00270	-0.00020
SE	0.00460	0.00	43.350	0.00650	0.00460	0.00260
SI	0.03030	0.00	11.900	0.02610	0.03200	0.03270
SN	0.00070	0.00	81.390	0.00130	0.00040	0.00040
SR	0.00000	0.00	43.320	0.00000	0.00000	0.00000
TI	0.00000	0.00	618.000	0.00000	-0.00010	0.00010
TL	-0.00120	0.00	181.300	0.00100	-0.00340	-0.00130
V	0.00000	0.00	159.000	-0.00010	0.00010	0.00000
Y1	4377.30000	4,377.30	0.750	4344.10000	4409.80000	4378.20000
Y2	37992.00000	37,992.00	0.438	38184.00000	37904.00000	37888.00000
ZN	0.00040	0.00	41.040	0.00030	0.00030	0.00060

8733

LANCASTER LABORATORIES

Run Name: 0734206T70 Instrument ID: 11016

Tube: 24 BCT 05 Date/Time: 12/08/2007 19:03

Sample Number: **5223996** Class: **** Batch: 073371848002

Initial Vol: 50.00 Final Vol: 50.00 DF: 1.00 Protocol Symbol: S

ELEMENT	AVERAGE CONC (ppm)	AVERAGE INTENSITY	%RSD	INTEGRATIONS #1	#2	#3
AG	-0.00026	0.00	153.191	-0.00040	-0.00056	0.00019
AL	4.66520	0.01	0.220	4.65754	4.66119	4.67687
AS	0.00055	0.00	811.247	0.00550	-0.00319	-0.00067
B	0.05049	0.00	0.516	0.05021	0.05054	0.05073
BA	0.03951	0.00	0.366	0.03966	0.03952	0.03937
BE	0.00028	0.00	5.413	0.00027	0.00030	0.00028
CA	43.42861	0.10	0.236	43.54650	43.37985	43.35946
CD	-0.00056	0.00	15.849	-0.00062	-0.00061	-0.00046
CO	0.00253	0.00	16.262	0.00214	0.00249	0.00296
CR	0.00714	0.00	6.096	0.00694	0.00684	0.00764
CU	0.02564	0.00	1.444	0.02547	0.02539	0.02607
FE	6.88122	0.01	0.094	6.87639	6.87874	6.88852
K	2.72175	0.00	0.094	2.72364	2.71884	2.72276
MG	13.67049	0.06	0.462	13.72833	13.60317	13.67996
MN	0.17075	0.00	0.166	0.17107	0.17054	0.17063
MO	0.00013	0.00	160.191	0.00036	-0.00006	0.00010
NA	164.81990	0.80	0.484	165.69770	164.62440	164.13760
NI	0.00542	0.00	13.393	0.00611	0.00550	0.00466
PB	0.00760	0.00	24.805	0.00972	0.00700	0.00610
SB	0.00025	0.00	556.962	0.00472	-0.00131	-0.00265
SE	0.00490	0.00	60.156	0.00829	0.00328	0.00311
SI	11.85814	0.03	0.213	11.86866	11.87648	11.82927
SN	0.00612	0.00	44.394	0.00385	0.00913	0.00538
SR	0.14782	0.00	0.442	0.14851	0.14774	0.14721
TI	0.03782	0.00	0.546	0.03797	0.03759	0.03792
TL	0.00097	0.00	264.616	0.00380	-0.00124	0.00036
V	0.00586	0.00	3.273	0.00597	0.00564	0.00598
Y1	4171.53400	4,171.53	0.374	4189.00600	4166.57700	4159.02000
Y2	37255.86000	37,255.86	0.182	37197.92000	37239.46000	37330.20000
ZN	0.05357	0.00	1.677	0.05438	0.05372	0.05261

8734

LANCASTER LABORATORIES

Run Name: 0734206T70 BC001 Instrument ID: 11016

Tube: 25 Date/Time: 12/08/2007 19:06

Sample Number: **5224001** Class: **** Batch: 073371848002

Initial Vol: 50.00 Final Vol: 50.00 DF: 1.00 Protocol Symbol: S

ELEMENT	AVERAGE CONC (ppm)	AVERAGE INTENSITY	%RSD	INTEGRATIONS #1	#2	#3
AG	-0.00051	0.00	7.283	-0.00047	-0.00055	-0.00052
AL	8.32695	0.07	0.840	8.40711	8.29534	8.27838
AS	-0.00442	0.00	92.288	-0.00108	-0.00321	-0.00897
B	0.06902	0.00	1.300	0.06922	0.06804	0.06981
BA	0.06646	0.00	0.834	0.06709	0.06625	0.06605
BE	0.00061	0.00	2.592	0.00062	0.00061	0.00059
CA	103.28410	0.72	0.700	103.98220	103.33170	102.53830
CD	-0.00099	0.00	12.466	-0.00106	-0.00105	-0.00085
CO	0.00248	0.00	26.679	0.00323	0.00196	0.00227
CR	0.00562	0.00	6.804	0.00605	0.00552	0.00530
CU	0.01240	0.00	1.159	0.01244	0.01252	0.01224
FE	19.09472	0.11	0.572	19.22026	19.02196	19.04193
K	1.92363	0.02	0.956	1.94444	1.91688	1.90957
MG	32.39926	0.08	0.232	32.48574	32.34874	32.36330
MN	0.45936	0.00	0.629	0.46268	0.45794	0.45745
MO	0.00006	0.00	46.326	0.00006	0.00008	0.00003
NA	19.84214	0.07	0.364	19.91902	19.77591	19.83149
NI	0.00520	0.00	22.038	0.00635	0.00405	0.00521
PB	0.01575	0.01	36.228	0.01004	0.02145	0.01575
SB	0.00194	0.00	20.780	0.00179	0.00240	0.00163
SE	0.00526	0.01	102.019	0.00003	0.00499	0.01076
SI	23.67375	0.03	0.130	23.69569	23.63855	23.68701
SN	0.00468	0.00	10.882	0.00524	0.00424	0.00455
SR	0.23416	0.00	0.895	0.23644	0.23372	0.23231
TI	0.09836	0.00	0.951	0.09944	0.09790	0.09775
TL	0.00220	0.00	113.690	0.00178	-0.00006	0.00488
V	0.00607	0.00	5.484	0.00643	0.00600	0.00578
Y1	4175.17600	4,175.18	0.403	4161.88000	4169.53500	4194.11400
Y2	37941.91000	37,941.91	0.391	37795.80000	37937.63000	38092.28000
ZN	0.03704	0.00	1.520	0.03748	0.03723	0.03640

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LANCASTER LABORATORIES

Run Name: 0734206T70 Instrument ID: 11016

Tube: 26 BCD08 Date/Time: 12/08/2007 19:10

Sample Number: **5224002** Class: **** Batch: 073371848002

Initial Vol: 50.00 Final Vol: 50.00 DF: 1.00 Protocol Symbol: S

ELEMENT	AVERAGE CONC (ppm)	AVERAGE INTENSITY	%RSD	INTEGRATIONS #1	#2	#3
AG	-0.00025	0.00	63.051	-0.00022	-0.00042	-0.00011
AL	5.28440	0.04	0.690	5.32608	5.26873	5.25839
AS	-0.00031	0.00	029.701	-0.00390	0.00087	0.00211
B	0.03262	0.00	0.858	0.03268	0.03287	0.03232
BA	0.04559	0.00	0.529	0.04585	0.04553	0.04538
BE	0.00037	0.00	4.469	0.00038	0.00035	0.00038
CA	89.92695	0.37	0.407	90.25938	89.98692	89.53456
CD	-0.00016	0.00	184.489	-0.00043	-0.00018	0.00014
CO	0.00626	0.00	8.766	0.00603	0.00587	0.00689
CR	0.00859	0.00	2.278	0.00837	0.00863	0.00876
CU	0.01937	0.00	0.986	0.01946	0.01949	0.01915
FE	9.80758	0.05	0.460	9.85612	9.76694	9.79967
K	4.65770	0.04	0.842	4.69632	4.65889	4.61788
MG	23.14585	0.03	0.121	23.15599	23.16729	23.11427
MN	1.12956	0.00	0.204	1.13222	1.12840	1.12806
MO	-0.00005	0.00	075.186	-0.00072	0.00021	0.00035
NA	6.66644	0.01	0.136	6.66357	6.67658	6.65916
NI	0.01087	0.00	6.920	0.01173	0.01037	0.01050
PB	0.00953	0.00	18.663	0.01016	0.00752	0.01091
SB	0.00195	0.00	65.262	0.00254	0.00282	0.00049
SE	0.00603	0.00	64.687	0.00809	0.00153	0.00847
SI	12.83354	0.05	0.362	12.80401	12.88710	12.80950
SN	0.00243	0.00	158.800	0.00689	-0.00006	0.00048
SR	0.19951	0.00	0.492	0.20041	0.19964	0.19846
TI	0.03808	0.00	2.561	0.03755	0.03921	0.03749
TL	0.00034	0.00	338.120	0.00000	0.00160	-0.00059
V	0.00758	0.00	2.344	0.00779	0.00745	0.00752
Y1	4227.07800	4,227.08	0.264	4227.91300	4215.50600	4237.81400
Y2	37943.18000	37,943.18	0.244	37883.42000	37896.53000	38049.60000
ZN	0.03965	0.00	1.318	0.04015	0.03968	0.03911

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LANCASTER LABORATORIES

Run Name: 0734206T70 Instrument ID: 11016

Tube: 27 BCOR2 Date/Time: 12/08/2007 19:13

Sample Number: **5224003** Class: **** Batch: 073371848002

Initial Vol: 50.00 Final Vol: 50.00 DF: 1.00 Protocol Symbol: S

ELEMENT	AVERAGE CONC (ppm)	AVERAGE INTENSITY	%RSD	INTEGRATIONS #1	#2	#3
AG	-0.00027	0.00	75.699	-0.00006	-0.00046	-0.00028
AL	0.03414	0.00	7.848	0.03545	0.03106	0.03591
AS	-0.00860	0.01	70.446	-0.00161	-0.01179	-0.01238
B	0.03913	0.00	0.522	0.03889	0.03926	0.03923
BA	0.03560	0.00	0.654	0.03533	0.03577	0.03569
BE	0.00011	0.00	3.384	0.00011	0.00012	0.00011
CA	41.74332	0.37	0.880	41.34805	42.07424	41.80769
CD	0.00020	0.00	161.136	0.00020	0.00052	-0.00012
CO	-0.00018	0.00	344.670	-0.00070	-0.00035	0.00051
CR	0.00153	0.00	25.698	0.00111	0.00162	0.00188
CU	0.00584	0.00	2.305	0.00576	0.00599	0.00575
FE	0.52856	0.00	0.817	0.52445	0.53306	0.52817
K	1.50910	0.01	0.605	1.49912	1.51702	1.51118
MG	22.53584	0.28	1.230	22.21775	22.66394	22.72584
MN	0.06235	0.00	1.031	0.06177	0.06304	0.06224
MO	0.00150	0.00	13.481	0.00127	0.00163	0.00160
NA	23.32825	0.18	0.762	23.12372	23.41572	23.44531
NI	0.00244	0.00	104.630	-0.00019	0.00260	0.00492
PB	0.00442	0.00	35.422	0.00391	0.00317	0.00617
SB	-0.00279	0.00	84.918	-0.00006	-0.00430	-0.00402
SE	0.00496	0.00	93.913	0.00202	0.01033	0.00253
SI	4.29752	0.05	1.217	4.23935	4.31247	4.34072
SN	0.00436	0.00	80.646	0.00115	0.00812	0.00381
SR	0.27480	0.00	0.561	0.27310	0.27610	0.27522
TI	0.00183	0.00	6.353	0.00194	0.00171	0.00183
TL	0.00117	0.00	85.617	0.00216	0.00015	0.00122
V	-0.00001	0.00	821.764	-0.00062	0.00028	0.00031
Y1	4249.78100	4,249.78	0.364	4239.49800	4242.26500	4267.58100
Y2	38445.04000	38,445.04	0.742	38773.79000	38295.76000	38265.55000
ZN	0.00682	0.00	3.262	0.00704	0.00660	0.00683

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LANCASTER LABORATORIES

Run Name: 0734206T70 BC052 Instrument ID: 11016

Tube: 28 Date/Time: 12/08/2007 19:16

Sample Number: **5224004** Class: **** Batch: 073371848002

Initial Vol: 50.00 Final Vol: 50.00 DF: 1.00 Protocol Symbol: S

ELEMENT	AVERAGE CONC (ppm)	AVERAGE INTENSITY	%RSD	INTEGRATIONS #1	#2	#3
AG	0.00008	0.00	310.898	-0.00013	0.00002	0.00035
AL	0.38478	0.00	1.272	0.39015	0.38364	0.38056
AS	0.00145	0.01	442.462	-0.00582	0.00637	0.00381
B	0.03019	0.00	1.118	0.03013	0.03056	0.02989
BA	0.01979	0.00	0.663	0.01985	0.01988	0.01964
BE	0.00014	0.00	19.766	0.00015	0.00011	0.00016
CA	38.91100	0.23	0.580	38.99341	39.08369	38.65589
CD	0.00023	0.00	66.073	0.00008	0.00022	0.00039
CO	0.00025	0.00	167.694	0.00023	-0.00016	0.00069
CR	0.00157	0.00	8.869	0.00141	0.00164	0.00166
CU	0.00638	0.00	5.856	0.00626	0.00680	0.00608
FE	0.57043	0.00	0.605	0.57122	0.57342	0.56666
K	1.20866	0.01	0.588	1.21514	1.20980	1.20106
MG	12.37982	0.06	0.497	12.40584	12.42403	12.30959
MN	0.02087	0.00	0.493	0.02090	0.02096	0.02076
MO	0.00005	0.00	285.432	0.00019	0.00007	-0.00010
NA	51.02887	0.23	0.446	51.27410	50.98876	50.82374
NI	0.00066	0.00	45.057	0.00070	0.00035	0.00094
PB	0.00327	0.00	66.700	0.00126	0.00559	0.00296
SB	-0.00285	0.00	65.825	-0.00458	-0.00086	-0.00309
SE	0.00778	0.00	26.481	0.00704	0.00619	0.01011
SI	4.70179	0.03	0.741	4.73784	4.69924	4.66831
SN	0.00289	0.00	86.500	0.00030	0.00308	0.00530
SR	0.09558	0.00	0.726	0.09598	0.09598	0.09478
TI	0.00502	0.00	1.429	0.00494	0.00507	0.00504
TL	0.00282	0.00	98.940	0.00179	0.00069	0.00597
V	0.00083	0.00	29.676	0.00082	0.00109	0.00059
Y1	4263.29100	4,263.29	0.567	4291.20100	4249.58000	4249.09200
Y2	38167.00000	38,167.00	0.424	38110.04000	38041.20000	38349.77000
ZN	0.01157	0.00	0.727	0.01153	0.01151	0.01167

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LANCASTER LABORATORIES

Run Name: 0734206T70 BCOR3 Instrument ID: 11016

Tube: 29 Date/Time: 12/08/2007 19:20

Sample Number: **5224005** Class: **** Batch: 073371848002

Initial Vol: 50.00 Final Vol: 50.00 DF: 1.00 Protocol Symbol: S

ELEMENT	AVERAGE CONC (ppm)	AVERAGE INTENSITY	%RSD	INTEGRATIONS #1	#2	#3
AG	-0.00010	0.00	423.900	0.00014	0.00016	-0.00061
AL	0.07136	0.00	6.092	0.06707	0.07124	0.07576
AS	-0.00542	0.01	106.594	-0.00903	-0.00849	0.00124
B	0.02641	0.00	0.634	0.02622	0.02654	0.02646
BA	0.01750	0.00	0.478	0.01756	0.01741	0.01754
BE	0.00015	0.00	12.750	0.00015	0.00013	0.00017
CA	53.13017	0.47	0.886	53.17903	53.57451	52.63697
CD	0.00011	0.00	113.384	-0.00003	0.00022	0.00014
CO	-0.00005	0.00	424.932	-0.00044	0.00080	-0.00052
CR	0.00126	0.00	15.306	0.00147	0.00109	0.00122
CU	0.00565	0.00	5.216	0.00583	0.00531	0.00581
FE	0.63686	0.00	0.499	0.63913	0.63323	0.63823
K	2.08396	0.01	0.695	2.08264	2.07018	2.09906
MG	17.55822	0.04	0.219	17.56710	17.51614	17.59142
MN	0.06810	0.00	0.689	0.06828	0.06756	0.06844
MO	0.00074	0.00	3.734	0.00073	0.00072	0.00077
NA	35.82778	0.10	0.286	35.86846	35.71140	35.90349
NI	0.00057	0.00	185.570	0.00177	-0.00022	0.00016
PB	0.00049	0.00	111.291	0.00101	-0.00008	0.00054
SB	0.00064	0.00	183.162	-0.00020	0.00014	0.00199
SE	0.00291	0.00	161.696	0.00818	-0.00088	0.00143
SI	4.51041	0.01	0.204	4.51567	4.49979	4.51577
SN	0.00242	0.00	101.112	0.00291	-0.00023	0.00459
SR	0.16642	0.00	0.458	0.16685	0.16554	0.16687
TI	0.00235	0.00	4.655	0.00225	0.00234	0.00247
TL	0.00037	0.00	357.583	0.00184	-0.00067	-0.00007
V	0.00012	0.00	464.288	0.00015	0.00065	-0.00045
Y1	4238.32000	4,238.32	0.210	4245.27100	4228.30100	4241.38700
Y2	38242.33000	38,242.33	0.417	38086.60000	38405.63000	38234.75000
ZN	0.00810	0.00	2.763	0.00817	0.00785	0.00828

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LANCASTER LABORATORIES

Run Name: 0734206T70 BC053 Instrument ID: 11016

Tube: 30 Date/Time: 12/08/2007 19:23

Sample Number: **5224006** Class: **** Batch: 073371848002

Initial Vol: 50.00 Final Vol: 50.00 DF: 1.00 Protocol Symbol: S

ELEMENT	AVERAGE CONC (ppm)	AVERAGE INTENSITY	%RSD	INTEGRATIONS #1	#2	#3
AG	0.00006	0.00	474.771	-0.00026	0.00014	0.00030
AL	0.15940	0.00	2.791	0.15609	0.16446	0.15765
AS	-0.00107	0.01	756.656	-0.00393	0.00808	-0.00736
B	0.03327	0.00	2.311	0.03350	0.03390	0.03241
BA	0.01000	0.00	1.295	0.00995	0.01014	0.00990
BE	0.00012	0.00	12.419	0.00010	0.00013	0.00012
CA	36.37137	0.34	0.947	36.14530	36.76769	36.20111
CD	0.00050	0.00	8.307	0.00047	0.00055	0.00050
CO	-0.00048	0.00	34.762	-0.00031	-0.00051	-0.00064
CR	0.00176	0.00	25.585	0.00208	0.00196	0.00124
CU	0.00569	0.00	8.491	0.00599	0.00594	0.00513
FE	0.28370	0.00	1.190	0.28177	0.28760	0.28174
K	0.88479	0.01	1.006	0.87997	0.89506	0.87935
MG	9.83599	0.03	0.299	9.81508	9.86958	9.82332
MN	0.00699	0.00	1.019	0.00690	0.00703	0.00703
MO	-0.00010	0.00	323.037	-0.00048	0.00006	0.00011
NA	26.67804	0.05	0.185	26.72343	26.68513	26.62557
NI	0.00077	0.00	51.249	0.00063	0.00122	0.00047
PB	0.00116	0.00	106.701	-0.00025	0.00207	0.00166
SB	-0.00236	0.00	79.461	-0.00034	-0.00269	-0.00405
SE	0.00395	0.00	88.569	0.00287	0.00786	0.00112
SI	5.30113	0.02	0.334	5.28153	5.31596	5.30588
SN	0.00093	0.00	275.901	-0.00078	-0.00032	0.00389
SR	0.09806	0.00	1.023	0.09761	0.09921	0.09736
TI	0.00395	0.00	12.464	0.00365	0.00452	0.00368
TL	0.00051	0.00	403.158	-0.00183	0.00139	0.00196
V	0.00037	0.00	52.566	0.00060	0.00028	0.00024
Y1	4276.02000	4,276.02	0.549	4300.92100	4254.33300	4272.80600
Y2	38105.05000	38,105.05	0.398	38212.15000	37931.66000	38171.34000
ZN	0.01933	0.00	0.902	0.01921	0.01953	0.01926

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LANCASTER LABORATORIES

Run Name: 0734206T70 Instrument ID: 11016

Tube: 31 BCEB1 Date/Time: 12/08/2007 19:27

Sample Number: **5224007** Class: **** Batch: 073371848002

Initial Vol: 50.00 Final Vol: 50.00 DF: 1.00 Protocol Symbol: S

ELEMENT	AVERAGE CONC (ppm)	AVERAGE INTENSITY	%RSD	INTEGRATIONS #1	#2	#3
AG	-0.00024	0.00	55.980	-0.00030	-0.00035	-0.00009
AL	0.00602	0.00	14.336	0.00603	0.00688	0.00516
AS	-0.00148	0.00	98.102	-0.00245	-0.00216	0.00019
B	0.01742	0.00	1.902	0.01722	0.01780	0.01723
BA	0.00025	0.00	8.471	0.00026	0.00027	0.00023
BE	0.00013	0.00	2.332	0.00014	0.00013	0.00013
CA	0.11877	0.00	0.609	0.11850	0.11959	0.11822
CD	-0.00031	0.00	33.523	-0.00041	-0.00033	-0.00020
CO	0.00026	0.00	133.968	0.00066	0.00004	0.00007
CR	0.00063	0.00	30.161	0.00085	0.00053	0.00051
CU	0.00483	0.00	5.848	0.00452	0.00508	0.00488
FE	0.00680	0.00	10.354	0.00702	0.00736	0.00601
K	0.08769	0.00	0.318	0.08739	0.08773	0.08794
MG	0.01301	0.00	0.862	0.01290	0.01300	0.01312
MN	0.00020	0.00	10.068	0.00019	0.00018	0.00022
MO	0.00008	0.00	226.901	-0.00013	0.00024	0.00013
NA	0.34177	0.00	1.380	0.34351	0.34537	0.33643
NI	0.00120	0.00	83.944	0.00207	0.00010	0.00141
PB	0.00004	0.00	353.684	0.00034	0.00183	-0.00204
SB	-0.00001	0.00	338.940	-0.00076	-0.00057	0.00130
SE	0.00399	0.00	103.702	0.00874	0.00203	0.00120
SI	0.05028	0.00	4.454	0.05050	0.05239	0.04793
SN	0.00220	0.00	87.888	0.00309	0.00353	-0.00002
SR	0.00012	0.00	10.240	0.00011	0.00012	0.00014
TI	0.00010	0.00	86.532	0.00020	0.00005	0.00006
TL	0.00224	0.00	80.685	0.00266	0.00380	0.00026
V	-0.00017	0.00	43.416	-0.00022	-0.00009	-0.00020
Y1	4459.77500	4,459.78	0.676	4426.78500	4466.62700	4485.91400
Y2	38559.16000	38,559.16	0.397	38462.64000	38479.38000	38735.46000
ZN	0.00248	0.00	3.559	0.00238	0.00255	0.00251

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LANCASTER LABORATORIES

Run Name: 0734206T70 ZZZZZZ

Instrument ID: 11016

Tube: 32

Date/Time: 12/08/2007 19:30

Sample Number: **5224356** Class: **** Batch: 073371848002

Initial Vol: 50.00 Final Vol: 50.00 DF: 1.00 Protocol Symbol: S

ELEMENT	AVERAGE CONC (ppm)	AVERAGE INTENSITY	%RSD	INTEGRATIONS #1	#2	#3
AG	0.00033	0.00	28.780	0.00029	0.00044	0.00026
AL	3.00483	0.01	0.417	2.99792	3.01928	2.99729
AS	-0.00101	0.00	279.081	-0.00153	-0.00355	0.00204
B	1.56570	0.01	0.685	1.56063	1.57802	1.55845
BA	0.05503	0.00	0.344	0.05508	0.05519	0.05482
BE	0.00032	0.00	6.481	0.00033	0.00029	0.00033
CA	188.16140	2.34	1.243	186.71360	190.85970	186.91090
CD	0.00033	0.00	48.303	0.00015	0.00041	0.00044
CO	-0.00123	0.00	54.596	-0.00179	-0.00049	-0.00141
CR	0.01714	0.00	3.795	0.01775	0.01721	0.01646
CU	0.00837	0.00	2.864	0.00812	0.00860	0.00839
FE	8.64274	0.05	0.534	8.65346	8.68256	8.59220
K k	0.00000	0.00	0.000	0.00000	0.00000	0.00000
MG	430.58530	2.77	0.642	427.42620	432.57070	431.75910
MN	0.28353	0.00	0.545	0.28318	0.28522	0.28219
MO	0.00222	0.00	14.723	0.00186	0.00229	0.00250
NA k	0.00000	0.00	0.000	0.00000	0.00000	0.00000
NI	0.00522	0.00	19.011	0.00503	0.00630	0.00434
PB	0.03234	0.00	9.042	0.03559	0.03153	0.02991
SB	0.00329	0.00	76.396	0.00153	0.00616	0.00217
SE	0.00699	0.00	64.280	0.00199	0.01070	0.00827
SI	6.76877	0.05	0.773	6.70835	6.79863	6.79931
SN	0.00236	0.00	172.892	0.00162	-0.00130	0.00677
SR	2.30196	0.01	0.610	2.30007	2.31685	2.28897
TI	0.05652	0.00	0.605	0.05628	0.05691	0.05636
TL	0.00023	0.00	638.414	-0.00034	0.00187	-0.00085
V	0.00765	0.00	8.853	0.00694	0.00774	0.00829
Y1	3611.46400	3,611.46	0.276	3605.58600	3605.82600	3622.98100
Y2	33582.67000	33,582.67	0.420	33736.96000	33460.44000	33550.61000
ZN	0.27526	0.01	3.718	0.28438	0.27721	0.26419

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LANCASTER LABORATORIES

Run Name: 0734206T70 Instrument ID: 11016

Tube: 33 ZZZZZZ Date/Time: 12/08/2007 19:34

Sample Number: 5224357 Class: **** Batch: 073371848002

Initial Vol: 50.00 Final Vol: 50.00 DF: 1.00 Protocol Symbol: S

ELEMENT	AVERAGE CONC (ppm)	AVERAGE INTENSITY	%RSD	INTEGRATIONS #1	#2	#3
AG	0.00008	0.00	513.264	0.00052	-0.00008	-0.00022
AL	0.92586	0.00	0.443	0.92496	0.93034	0.92228
AS	0.00438	0.00	72.142	0.00766	0.00135	0.00413
B	0.25737	0.00	0.184	0.25683	0.25772	0.25754
BA	0.02709	0.00	0.388	0.02697	0.02715	0.02715
BE	0.00015	0.00	2.074	0.00015	0.00015	0.00014
CA	51.44166	0.44	0.858	51.01505	51.41334	51.89660
CD	0.00071	0.00	34.166	0.00056	0.00058	0.00099
CO	-0.00070	0.00	120.248	-0.00131	-0.00105	0.00026
CR	0.01799	0.00	0.560	0.01810	0.01796	0.01791
CU	0.01237	0.00	3.092	0.01239	0.01275	0.01198
FE	2.09353	0.02	0.936	2.08331	2.11611	2.08116
K	43.88604	0.34	0.765	43.51865	43.96208	44.17741
MG	40.80811	0.15	0.369	40.64032	40.93223	40.85177
MN	0.15586	0.00	0.685	0.15550	0.15707	0.15502
MO	0.00620	0.00	5.204	0.00593	0.00656	0.00612
NA	313.91860	0.95	0.301	312.93420	314.00270	314.81890
NI	0.00806	0.00	19.904	0.00965	0.00644	0.00810
PB	0.02067	0.00	14.441	0.01885	0.01904	0.02411
SB	0.00181	0.00	53.506	0.00136	0.00292	0.00115
SE	0.00946	0.00	26.692	0.01164	0.01004	0.00669
SI	11.90414	0.02	0.207	11.87840	11.92751	11.90650
SN	0.00374	0.00	56.452	0.00137	0.00541	0.00444
SR	0.41716	0.00	0.235	0.41621	0.41710	0.41816
TI	0.03468	0.00	0.134	0.03468	0.03463	0.03473
TL	0.00069	0.00	167.438	0.00194	0.00046	-0.00033
V	0.01889	0.00	1.439	0.01858	0.01905	0.01905
Y1	4033.82900	4,033.83	0.408	4032.42900	4018.12000	4050.93800
Y2	36677.32000	36,677.32	0.379	36780.70000	36519.33000	36731.94000
ZN	0.12666	0.01	3.988	0.13065	0.12834	0.12098

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LANCASTER LABORATORIES

Run Name: 0734206T70

Instrument ID: 11016

Tube: 34

Date/Time: 12/08/2007 19:38

Sample Number: **CCV**

ELEMENT	AVERAGE CONC (ppm)	AVERAGE INTENSITY	%RSD	INTEGRATIONS #1	#2	#3
AG	0.49960	0.00	0.228	0.50080	0.49950	0.49860
AL	24.19000	0.06	0.260	24.25000	24.20000	24.12000
AS	0.52660	0.00	0.629	0.53010	0.52590	0.52360
B	0.51400	0.00	0.216	0.51460	0.51460	0.51270
BA	0.48383	0.00	0.199	0.48397	0.48472	0.48281
BE	0.51348	0.00	0.044	0.51347	0.51371	0.51326
CA	26.29000	0.05	0.184	26.24000	26.31000	26.33000
CD	0.54910	0.00	0.497	0.54980	0.55130	0.54600
CO	0.54980	0.01	1.018	0.55400	0.55190	0.54340
CR	0.50110	0.00	0.345	0.49920	0.50260	0.50140
CU	0.50060	0.00	0.326	0.50240	0.49990	0.49940
FE	26.28000	0.02	0.090	26.26000	26.27000	26.31000
K	25.01000	0.13	0.512	24.99000	25.15000	24.90000
MG	24.61000	0.07	0.270	24.59000	24.68000	24.55000
MN	0.49845	0.00	0.106	0.49841	0.49795	0.49900
MO	0.51150	0.00	0.845	0.51350	0.51440	0.50650
NA	26.25000	0.03	0.104	26.27000	26.22000	26.25000
NI	0.53940	0.01	1.090	0.54090	0.54450	0.53300
PB	0.52400	0.01	1.144	0.52580	0.52890	0.51730
SB	0.49880	0.01	1.754	0.50520	0.50240	0.48890
SE	0.53090	0.01	1.080	0.53640	0.53130	0.52500
SI	25.18000	0.03	0.129	25.15000	25.22000	25.18000
SN	0.49330	0.01	1.373	0.49990	0.49380	0.48630
SR	0.49700	0.00	0.189	0.49760	0.49760	0.49600
TI	0.49280	0.00	0.134	0.49350	0.49260	0.49220
TL	0.49400	0.01	1.102	0.49140	0.50030	0.49040
V	0.49990	0.00	0.158	0.49900	0.50040	0.50040
Y1	4368.80000	4,368.80	0.220	4379.90000	4363.60000	4362.90000
Y2	38551.00000	38,551.00	0.138	38496.00000	38555.00000	38602.00000
ZN	0.55540	0.00	0.839	0.55710	0.55900	0.55010

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LANCASTER LABORATORIES

Run Name: 0734206T70

Tube: 35

Sample Number: **CCB**

Instrument ID: 11016

Date/Time: 12/08/2007 19:44

ELEMENT	AVERAGE CONC (ppm)	AVERAGE INTENSITY	%RSD	INTEGRATIONS #1	#2	#3
AG	-0.00020	0.00	213.700	-0.00040	-0.00050	0.00030
AL	-0.02740	0.00	2.357	-0.02730	-0.02680	-0.02810
AS	0.00300	0.00	110.900	0.00010	0.00670	0.00230
B	0.01300	0.00	0.683	0.01290	0.01310	0.01290
BA	0.00015	0.00	7.715	0.00016	0.00014	0.00014
BE	0.00014	0.00	14.227	0.00013	0.00012	0.00016
CA	0.02090	0.00	8.732	0.01890	0.02130	0.02250
CD	0.00000	0.00	328.200	0.00000	0.00010	0.00000
CO	0.00010	0.00	109.200	0.00010	0.00000	0.00030
CR	-0.00020	0.00	75.100	-0.00040	-0.00020	-0.00010
CU	0.00480	0.00	8.267	0.00460	0.00520	0.00450
FE	-0.00010	0.00	389.200	-0.00060	0.00050	-0.00030
K	0.09020	0.00	0.179	0.09020	0.09040	0.09010
MG	0.00360	0.00	14.640	0.00420	0.00350	0.00320
MN	-0.00013	0.00	12.296	-0.00013	-0.00011	-0.00015
MO	0.00020	0.00	319.000	0.00060	-0.00040	0.00030
NA	0.11780	0.00	0.427	0.11820	0.11790	0.11720
NI	0.00000	0.00	152.000	-0.00030	0.00170	-0.00130
PB	0.00130	0.00	309.600	0.00090	0.00550	-0.00250
SB	0.00130	0.00	84.970	0.00220	0.00170	0.00000
SE	0.00470	0.00	68.470	0.00360	0.00220	0.00840
SI	0.02350	0.00	8.456	0.02140	0.02400	0.02520
SN	0.00180	0.00	82.920	0.00350	0.00100	0.00090
SR	0.00000	0.00	101.300	0.00000	0.00000	0.00000
TI	-0.00010	0.00	208.300	0.00010	-0.00010	-0.00030
TL	0.00190	0.00	30.050	0.00190	0.00240	0.00130
V	0.00020	0.00	113.600	0.00050	0.00020	0.00000
Y1	4479.00000	4,479.00	0.570	4451.90000	4482.50000	4502.70000
Y2	38418.00000	38,418.00	0.498	38226.00000	38420.00000	38609.00000
ZN	0.00030	0.00	46.940	0.00030	0.00030	0.00010

8745

LANCASTER LABORATORIES

Run Name: 0734206T70 Instrument ID: 11016

Tube: 36 Date/Time: 12/08/2007 19:48

Sample Number: ZZZZZZ 5224358 Class: **** Batch: 073371848002

Initial Vol: 50.00 Final Vol: 50.00 DF: 1.00 Protocol Symbol: S

ELEMENT	AVERAGE CONC (ppm)	AVERAGE INTENSITY	%RSD	INTEGRATIONS #1	#2	#3
AG	0.00028	0.00	92.246	0.00040	-0.00002	0.00047
AL	0.24682	0.00	0.476	0.24564	0.24799	0.24684
AS	0.01177	0.00	38.389	0.00875	0.00960	0.01697
B	0.14533	0.00	1.054	0.14584	0.14654	0.14360
BA	0.01792	0.00	0.809	0.01803	0.01797	0.01775
BE	0.00011	0.00	10.492	0.00010	0.00012	0.00010
CA	31.49993	0.19	0.606	31.54871	31.66160	31.28947
CD	0.00103	0.00	22.192	0.00106	0.00124	0.00079
CO	-0.00054	0.00	45.202	-0.00067	-0.00026	-0.00068
CR	0.01092	0.00	2.870	0.01061	0.01123	0.01092
CU	0.00713	0.00	6.375	0.00688	0.00765	0.00685
FE	0.81710	0.01	0.843	0.81889	0.82290	0.80949
K	27.02363	0.24	0.905	27.30513	26.90351	26.86226
MG	4.12072	0.01	0.306	4.13151	4.12378	4.10686
MN	0.06162	0.00	0.824	0.06178	0.06202	0.06105
MO	0.00587	0.00	7.037	0.00634	0.00571	0.00556
NA	216.24710	3.37	1.559	215.47220	219.93840	213.33070
NI	0.00365	0.00	44.853	0.00211	0.00348	0.00537
PB	0.00347	0.00	34.422	0.00242	0.00323	0.00477
SB	0.00517	0.00	38.644	0.00493	0.00331	0.00729
SE	0.00442	0.00	56.858	0.00561	0.00611	0.00153
SI	14.71444	0.04	0.276	14.71654	14.75391	14.67287
SN	0.00438	0.00	23.760	0.00438	0.00543	0.00335
SR	0.23148	0.00	0.820	0.23247	0.23268	0.22929
TI	0.01263	0.00	1.301	0.01262	0.01280	0.01247
TL	-0.00084	0.00	171.077	-0.00245	0.00026	-0.00031
V	0.01411	0.00	2.897	0.01425	0.01443	0.01365
Y1	4187.48200	4,187.48	0.110	4182.20000	4189.64900	4190.59800
Y2	37829.76000	37,829.76	0.337	37770.50000	37742.73000	37976.06000
ZN	0.05981	0.00	2.332	0.06097	0.06020	0.05826

8746

LANCASTER LABORATORIES

Run Name: 0734206T70 Instrument ID: 11016

Tube: 37 ZZZZZZ Date/Time: 12/08/2007 19:51

Sample Number: **5224359** Class: **** Batch: 073371848002

Initial Vol: 50.00 Final Vol: 50.00 DF: 1.00 Protocol Symbol: S

ELEMENT	AVERAGE CONC (ppm)	AVERAGE INTENSITY	%RSD	INTEGRATIONS #1	#2	#3
AG	-0.00008	0.00	454.011	-0.00049	0.00009	0.00016
AL	5.22935	0.03	0.623	5.19308	5.25618	5.23879
AS	0.00598	0.01	94.710	0.01192	0.00539	0.00064
B	0.05206	0.00	1.943	0.05094	0.05290	0.05234
BA	0.10097	0.00	0.475	0.10043	0.10135	0.10113
BE	0.00027	0.00	5.495	0.00026	0.00028	0.00028
CA	106.86760	0.82	0.766	105.94530	107.29780	107.41970
CD	0.00225	0.00	12.437	0.00249	0.00232	0.00194
CO	0.00581	0.00	4.087	0.00607	0.00577	0.00560
CR	0.17142	0.00	0.557	0.17032	0.17188	0.17205
CU	0.09233	0.00	0.742	0.09173	0.09217	0.09308
FE	15.24742	0.07	0.447	15.18050	15.31664	15.24512
K	7.03852	0.04	0.592	6.99090	7.06829	7.05637
MG	27.89385	0.13	0.450	27.76118	27.90970	28.01067
MN	0.66145	0.00	0.491	0.65857	0.66498	0.66080
MO	0.00850	0.00	4.198	0.00826	0.00891	0.00833
NA	68.46012	0.22	0.315	68.21298	68.55560	68.61177
NI	0.03492	0.00	2.842	0.03491	0.03592	0.03394
PB	0.16215	0.00	0.538	0.16238	0.16289	0.16119
SB	0.00718	0.00	34.122	0.00843	0.00435	0.00874
SE	0.00784	0.00	27.755	0.00994	0.00560	0.00799
SI	14.63515	0.07	0.486	14.55305	14.67921	14.67318
SN	0.00894	0.00	30.224	0.00715	0.01205	0.00762
SR	0.19283	0.00	0.464	0.19183	0.19356	0.19310
TI	0.19731	0.00	0.659	0.19590	0.19846	0.19757
TL	0.00230	0.00	29.825	0.00206	0.00178	0.00308
V	0.03905	0.00	1.348	0.03847	0.03949	0.03920
Y1	4139.67800	4,139.68	0.421	4123.79800	4136.88500	4158.35000
Y2	37861.31000	37,861.31	0.407	37992.18000	37900.55000	37691.22000
ZN	1.20217	0.02	1.412	1.21371	1.21013	1.18268

8747

LANCASTER LABORATORIES

Run Name: 0734206T70 Instrument ID: 11016

Tube: 38 ZZZZZZ Date/Time: 12/08/2007 19:55

Sample Number: 5224429 Class: **** Batch: 073371848002

Initial Vol: 50.00 Final Vol: 50.00 DF: 1.00 Protocol Symbol: S

ELEMENT	AVERAGE CONC (ppm)	AVERAGE INTENSITY	%RSD	INTEGRATIONS #1	#2	#3
AG	-0.00003	0.00	730.342	0.00011	-0.00025	0.00006
AL	2.55997	0.01	0.237	2.56258	2.56431	2.55303
AS	0.00386	0.00	95.249	0.00811	0.00155	0.00194
B	0.08799	0.00	0.287	0.08827	0.08779	0.08790
BA	0.02466	0.00	0.119	0.02469	0.02466	0.02463
BE	0.00012	0.00	7.878	0.00011	0.00012	0.00012
CA	56.52736	0.61	1.077	56.57942	55.89420	57.10847
CD	-0.00016	0.00	30.718	-0.00016	-0.00020	-0.00011
CO	-0.00094	0.00	37.176	-0.00107	-0.00055	-0.00121
CR	0.00146	0.00	31.744	0.00192	0.00099	0.00146
CU	0.00948	0.00	1.450	0.00940	0.00940	0.00964
FE	0.05313	0.00	0.728	0.05305	0.05279	0.05355
K	7.16172	0.02	0.239	7.17606	7.16631	7.14278
MG	16.14263	0.03	0.176	16.14537	16.16949	16.11303
MN	0.37337	0.00	0.397	0.37218	0.37503	0.37289
MO	0.00371	0.00	1.169	0.00373	0.00374	0.00366
NA	258.41540	0.26	0.102	258.71790	258.28790	258.24050
NI	0.00570	0.00	19.202	0.00696	0.00496	0.00519
PB	0.00125	0.00	198.463	0.00222	0.00311	-0.00157
SB	-0.00096	0.00	42.298	-0.00073	-0.00144	-0.00073
SE	0.00314	0.00	59.705	0.00098	0.00435	0.00407
SI	2.35842	0.01	0.257	2.36429	2.35219	2.35879
SN	0.00076	0.00	299.304	-0.00084	-0.00025	0.00338
SR	0.37116	0.00	0.144	0.37176	0.37101	0.37072
TI	0.00201	0.00	4.356	0.00191	0.00206	0.00206
TL	0.00083	0.00	208.592	-0.00101	0.00107	0.00244
V	0.00693	0.00	6.345	0.00691	0.00739	0.00651
Y1	4130.17500	4,130.18	0.499	4106.42000	4140.81200	4143.29200
Y2	37815.32000	37,815.32	0.053	37823.81000	37792.38000	37829.77000
ZN	0.01702	0.00	2.655	0.01730	0.01728	0.01650

8748

LANCASTER LABORATORIES

Run Name: 0734206T70 Instrument ID: 11016

Tube: 39 ZZZZZZ Date/Time: 12/08/2007 19:58

Sample Number: **5225108** Class: **** Batch: 073371848002

Initial Vol: 50.00 Final Vol: 50.00 DF: 1.00 Protocol Symbol: S

ELEMENT	AVERAGE CONC (ppm)	AVERAGE INTENSITY	%RSD	INTEGRATIONS #1	#2	#3
AG	0.00008	0.00	219.920	0.00011	-0.00011	0.00025
AL	-0.01034	0.00	10.088	-0.01119	-0.01065	-0.00918
AS	-0.00171	0.00	199.071	0.00192	-0.00483	-0.00223
B	0.01706	0.00	3.025	0.01657	0.01701	0.01760
BA	0.02320	0.00	0.441	0.02309	0.02321	0.02329
BE	0.00019	0.00	12.224	0.00020	0.00021	0.00017
CA	120.36070	1.06	0.879	119.22920	121.32680	120.52610
CD	-0.00021	0.00	128.225	0.00000	-0.00013	-0.00052
CO	0.09330	0.00	2.357	0.09520	0.09382	0.09089
CR	0.00088	0.00	24.777	0.00088	0.00111	0.00067
CU	0.00524	0.00	1.413	0.00525	0.00516	0.00530
FE	0.09341	0.00	0.640	0.09317	0.09409	0.09297
K	0.74257	0.00	0.352	0.74040	0.74547	0.74183
MG	18.96036	0.14	0.762	18.80153	19.08390	18.99566
MN	2.91288	0.01	0.365	2.90627	2.92513	2.90719
MO	0.00003	0.00	455.867	-0.00038	0.00046	0.00001
NA	59.57014	0.30	0.511	59.25145	59.85852	59.60044
NI	0.01400	0.00	17.742	0.01525	0.01561	0.01114
PB	0.00140	0.00	48.054	0.00138	0.00073	0.00208
SB	-0.00326	0.00	60.643	-0.00217	-0.00555	-0.00207
SE	0.00363	0.00	22.816	0.00450	0.00352	0.00286
SI	25.87397	0.17	0.668	25.68288	26.01925	25.91979
SN	-0.00100	0.00	159.699	0.00019	-0.00281	-0.00038
SR	0.79919	0.00	0.478	0.79480	0.80095	0.80181
TI	0.00172	0.00	5.244	0.00166	0.00182	0.00167
TL	0.00179	0.00	72.640	0.00035	0.00215	0.00286
V	0.00158	0.00	16.877	0.00170	0.00127	0.00176
Y1	4156.03500	4,156.04	0.442	4177.16300	4147.26700	4143.67400
Y2	37654.84000	37,654.84	0.497	37854.84000	37484.16000	37625.52000
ZN	0.02602	0.00	2.344	0.02646	0.02627	0.02533

8749

LANCASTER LABORATORIES

Run Name: 0734206T70 Instrument ID: 11016

Tube: 40 Date/Time: 12/08/2007 20:02

Sample Number: ZZZZZZ 3225109 Class: **** Batch: 073371848002

Initial Vol: 50.00 Final Vol: 50.00 DF: 1.00 Protocol Symbol: S

ELEMENT	AVERAGE CONC (ppm)	AVERAGE INTENSITY	%RSD	INTEGRATIONS #1	#2	#3
AG	0.00024	0.00	228.068	0.00080	0.00022	-0.00030
AL	-0.00495	0.00	34.858	-0.00310	-0.00652	-0.00524
AS	-0.00076	0.01	929.181	-0.00217	-0.00702	0.00691
B	0.05203	0.00	1.967	0.05318	0.05166	0.05124
BA	0.07269	0.00	0.515	0.07308	0.07264	0.07233
BE	0.00014	0.00	16.762	0.00016	0.00013	0.00011
CA	145.90160	1.16	0.793	147.17790	145.60390	144.92310
CD	-0.00027	0.00	108.647	-0.00009	-0.00060	-0.00011
CO	0.00529	0.00	10.144	0.00590	0.00489	0.00507
CR	0.00132	0.00	29.790	0.00122	0.00175	0.00098
CU	0.00508	0.00	9.269	0.00510	0.00554	0.00460
FE	3.06229	0.01	0.447	3.07764	3.05790	3.05134
K	3.32176	0.01	0.183	3.32473	3.32579	3.31478
MG	25.09890	0.16	0.635	25.24155	24.92684	25.12830
MN	4.35281	0.02	0.506	4.37601	4.35021	4.33220
MO	0.00067	0.00	96.204	0.00093	-0.00006	0.00114
NA	173.61990	1.54	0.884	174.97110	171.95040	173.93810
NI	0.06463	0.00	2.291	0.06433	0.06624	0.06332
PB	0.00227	0.00	105.683	0.00259	0.00449	-0.00027
SB	-0.00166	0.00	139.640	-0.00010	-0.00056	-0.00431
SE	0.00906	0.00	45.004	0.01369	0.00745	0.00603
SI	10.69760	0.07	0.629	10.75084	10.62190	10.72004
SN	-0.00119	0.00	192.323	-0.00210	0.00141	-0.00287
SR	0.89996	0.01	1.365	0.91342	0.88937	0.89710
TI	0.00176	0.00	1.349	0.00178	0.00178	0.00174
TL	0.00194	0.00	47.755	0.00117	0.00168	0.00297
V	0.00220	0.00	17.131	0.00241	0.00242	0.00176
Y1	4099.06200	4,099.06	0.687	4066.65300	4113.22200	4117.31000
Y2	37122.37000	37,122.37	0.362	37039.01000	37277.42000	37050.68000
ZN	0.00655	0.00	7.534	0.00711	0.00635	0.00618

8758

LANCASTER LABORATORIES

Run Name: 0734206T70 Instrument ID: 11016

Tube: 41 Date/Time: 12/08/2007 20:06

Sample Number: ZZZZZZ 5225110 Class: **** Batch: 073371848002

Initial Vol: 50.00 Final Vol: 50.00 DF: 1.00 Protocol Symbol: S

ELEMENT	AVERAGE CONC (ppm)	AVERAGE INTENSITY	%RSD	INTEGRATIONS #1	#2	#3
AG	-0.00014	0.00	120.594	0.00004	-0.00018	-0.00029
AL	-0.01557	0.00	7.198	-0.01429	-0.01605	-0.01637
AS	0.00585	0.00	18.028	0.00666	0.00623	0.00466
B	0.03889	0.00	1.190	0.03876	0.03940	0.03850
BA	0.06494	0.00	0.118	0.06485	0.06500	0.06496
BE	0.00020	0.00	1.191	0.00020	0.00020	0.00020
CA	85.95164	0.76	0.879	85.69605	85.35671	86.80215
CD	-0.00073	0.00	15.102	-0.00084	-0.00073	-0.00062
CO	0.03868	0.00	2.712	0.03890	0.03959	0.03753
CR	0.00208	0.00	3.080	0.00200	0.00212	0.00211
CU	0.00467	0.00	9.421	0.00416	0.00497	0.00487
FE	7.89881	0.06	0.758	7.86097	7.96782	7.86763
K	5.49831	0.01	0.206	5.50869	5.50001	5.48623
MG	14.71832	0.02	0.159	14.69867	14.71215	14.74414
MN	2.30136	0.01	0.387	2.29318	2.31085	2.30004
MO	0.00069	0.00	106.926	0.00046	0.00153	0.00010
NA	176.60340	0.37	0.211	176.98780	176.57670	176.24560
NI	0.06319	0.00	0.815	0.06355	0.06342	0.06260
PB	0.00230	0.00	110.358	0.00514	0.00153	0.00023
SB	0.00114	0.00	60.189	0.00128	0.00039	0.00174
SE	0.00538	0.00	70.146	0.00203	0.00463	0.00946
SI	15.57445	0.07	0.435	15.53722	15.53351	15.65262
SN	0.00122	0.00	285.573	0.00137	0.00462	-0.00233
SR	0.25624	0.00	0.077	0.25602	0.25629	0.25640
TI	0.00171	0.00	5.802	0.00169	0.00162	0.00182
TL	0.00273	0.00	125.780	0.00490	0.00453	-0.00123
V	0.00110	0.00	18.420	0.00109	0.00131	0.00090
Y1	4200.26800	4,200.27	0.490	4211.39100	4176.50300	4212.90900
Y2	38027.86000	38,027.86	0.273	38121.31000	38046.10000	37916.17000
ZN	1.02688	0.03	2.591	1.04236	1.04211	0.99615

8751

LANCASTER LABORATORIES

Run Name: 0734206T70 Instrument ID: 11016

Tube: 42 ZZZZZZ Date/Time: 12/08/2007 20:09

Sample Number: **5225111** Class: **** Batch: 073371848002

Initial Vol: 50.00 Final Vol: 50.00 DF: 1.00 Protocol Symbol: S

ELEMENT	AVERAGE CONC (ppm)	AVERAGE INTENSITY	%RSD	INTEGRATIONS #1	#2	#3
AG	-0.00009	0.00	20.472	-0.00008	-0.00011	-0.00009
AL	-0.02642	0.00	4.999	-0.02743	-0.02689	-0.02493
AS	-0.00270	0.01	195.231	-0.00427	0.00318	-0.00701
B	0.01167	0.00	2.925	0.01190	0.01183	0.01128
BA	0.00017	0.00	3.395	0.00017	0.00017	0.00016
BE	0.00012	0.00	3.582	0.00012	0.00012	0.00013
CA	0.05241	0.00	2.480	0.05140	0.05388	0.05195
CD	-0.00020	0.00	120.593	-0.00047	-0.00012	-0.00001
CO	-0.00016	0.00	308.463	0.00002	0.00022	-0.00073
CR	0.00014	0.00	204.092	-0.00008	0.00004	0.00046
CU	0.00491	0.00	3.789	0.00509	0.00472	0.00491
FE	0.00909	0.00	14.514	0.00781	0.01044	0.00902
K	0.09129	0.00	0.245	0.09138	0.09146	0.09104
MG	0.00473	0.00	10.172	0.00507	0.00418	0.00494
MN	0.00052	0.00	3.470	0.00050	0.00054	0.00051
MO	0.00012	0.00	228.209	0.00025	0.00031	-0.00020
NA	0.15431	0.01	4.740	0.16042	0.15630	0.14620
NI	-0.00031	0.00	91.363	-0.00053	0.00001	-0.00042
PB	0.00066	0.00	421.828	0.00334	0.00083	-0.00220
SB	-0.00013	0.00	311.474	-0.00213	0.00058	0.00115
SE	0.00450	0.01	126.237	-0.00190	0.00894	0.00647
SI	0.03311	0.00	10.901	0.03293	0.03680	0.02959
SN	0.00402	0.00	111.938	0.00480	0.00809	-0.00082
SR	0.00005	0.00	24.100	0.00004	0.00006	0.00006
TI	-0.00008	0.00	46.679	-0.00005	-0.00007	-0.00012
TL	0.00096	0.00	91.345	0.00027	0.00195	0.00067
V	0.00011	0.00	404.661	0.00060	-0.00030	0.00003
Y1	4415.45700	4,415.46	0.129	4417.68500	4419.69500	4408.99000
Y2	38099.53000	38,099.53	0.348	37946.42000	38175.30000	38176.86000
ZN	0.00274	0.00	6.541	0.00290	0.00254	0.00278

8752

LANCASTER LABORATORIES

Run Name: 0734206T70

Tube: 43

Sample Number: **LLC**

Instrument ID: 11016

Date/Time: 12/08/2007 20:13

ELEMENT	AVERAGE CONC (ppm)	AVERAGE INTENSITY	%RSD	INTEGRATIONS #1	#2	#3
AG	0.00480	0.00	5.191	0.00510	0.00460	0.00480
AL	0.15340	0.00	2.975	0.14810	0.15590	0.15620
AS	0.02140	0.00	18.260	0.02260	0.01700	0.02460
B	0.05870	0.00	1.045	0.05820	0.05940	0.05860
BA	0.00480	0.00	0.952	0.00479	0.00486	0.00477
BE	0.00530	0.00	0.925	0.00524	0.00533	0.00533
CA	0.24680	0.00	1.333	0.24430	0.25050	0.24560
CD	0.00540	0.00	3.079	0.00560	0.00540	0.00530
CO	0.00570	0.00	4.491	0.00600	0.00560	0.00550
CR	0.01530	0.00	1.774	0.01530	0.01560	0.01510
CU	0.01360	0.00	4.379	0.01390	0.01400	0.01290
FE	0.21970	0.00	0.274	0.21930	0.22040	0.21960
K	0.46790	0.00	0.775	0.46380	0.47080	0.46910
MG	0.09980	0.00	1.404	0.09830	0.10110	0.09980
MN	0.00523	0.00	0.383	0.00522	0.00525	0.00523
MO	0.01000	0.00	5.974	0.01040	0.01030	0.00930
NA	1.14400	0.00	0.384	1.13900	1.14700	1.14600
NI	0.01000	0.00	6.406	0.01070	0.00950	0.00970
PB	0.01740	0.00	27.340	0.02180	0.01800	0.01230
SB	0.01760	0.00	8.136	0.01930	0.01700	0.01660
SE	0.02680	0.00	8.021	0.02900	0.02670	0.02470
SI	0.02960	0.00	16.350	0.03500	0.02550	0.02830
SN	0.02090	0.00	8.858	0.02030	0.02300	0.01940
SR	0.00480	0.00	1.180	0.00470	0.00480	0.00480
TI	0.00970	0.00	0.707	0.00980	0.00960	0.00970
TL	0.02030	0.00	3.564	0.02060	0.01950	0.02090
V	0.00480	0.00	9.636	0.00430	0.00520	0.00490
Y1	4451.20000	4,451.20	0.136	4453.70000	4455.60000	4444.30000
Y2	38344.00000	38,344.00	0.589	38552.00000	38104.00000	38374.00000
ZN	0.02290	0.00	2.005	0.02330	0.02300	0.02240

0753

LANCASTER LABORATORIES

Run Name: 0734206T70

Tube: 44

Sample Number: **ICSA**

Instrument ID: 11016

Date/Time: 12/08/2007 20:16

ELEMENT	AVERAGE CONC (ppm)	AVERAGE INTENSITY	%RSD	INTEGRATIONS #1	#2	#3
AG	-0.00410	0.00	5.378	-0.00410	-0.00430	-0.00380
AL	447.00000	3.62	0.809	449.50000	448.70000	442.90000
AS	-0.01900	0.01	36.670	-0.01140	-0.02050	-0.02500
B	0.03580	0.00	3.639	0.03700	0.03610	0.03440
BA	0.00008	0.00	9.387	0.00008	0.00009	0.00008
BE	0.00011	0.00	14.034	0.00012	0.00012	0.00009
CA	469.90000	5.11	1.088	473.30000	472.30000	464.00000
CD	-0.00610	0.00	20.350	-0.00520	-0.00560	-0.00750
CO	-0.00100	0.00	105.300	-0.00190	-0.00110	0.00010
CR	0.00050	0.00	126.600	0.00000	0.00030	0.00130
CU	0.00830	0.00	5.156	0.00780	0.00870	0.00830
FE	182.00000	1.70	0.936	183.40000	182.50000	180.10000
K	0.20720	0.00	0.735	0.20850	0.20770	0.20550
MG	427.80000	1.23	0.287	427.50000	429.10000	426.70000
MN	0.00281	0.00	1.350	0.00277	0.00281	0.00285
MO	-0.00260	0.00	48.070	-0.00120	-0.00360	-0.00290
NA	0.06600	0.01	16.320	0.07750	0.06440	0.05610
NI	0.00830	0.00	14.970	0.00980	0.00760	0.00760
PB	0.00370	0.00	122.200	0.00880	0.00050	0.00180
SB	0.00720	0.00	35.190	0.00440	0.00790	0.00930
SE	0.02020	0.01	39.580	0.01440	0.02930	0.01700
SI	0.02960	0.00	10.430	0.03250	0.02640	0.02980
SN	0.00070	0.00	463.000	0.00270	0.00250	-0.00310
SR	0.00300	0.00	0.725	0.00290	0.00300	0.00300
TI	0.00230	0.00	4.775	0.00240	0.00220	0.00240
TL	0.01280	0.00	21.930	0.01030	0.01230	0.01590
V	-0.00700	0.00	3.688	-0.00690	-0.00680	-0.00730
Y1	3934.90000	3,934.90	0.208	3940.40000	3925.50000	3938.90000
Y2	36200.00000	36,200.00	0.450	36093.00000	36120.00000	36387.00000
ZN	-0.00670	0.00	30.190	-0.00510	-0.00600	-0.00890

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LANCASTER LABORATORIES

Run Name: 0734206T70

Tube: 45

Sample Number: **ICSAB**

Instrument ID: 11016

Date/Time: 12/08/2007 20:20

ELEMENT	AVERAGE CONC (ppm)	AVERAGE INTENSITY	%RSD	INTEGRATIONS #1	#2	#3
AG	0.18690	0.00	0.538	0.18800	0.18600	0.18680
AL	447.70000	3.06	0.683	451.20000	446.40000	445.50000
AS	0.08790	0.01	11.040	0.08770	0.09760	0.07820
B	0.03530	0.00	1.554	0.03460	0.03550	0.03570
BA	0.42623	0.00	0.510	0.42873	0.42521	0.42475
BE	0.44186	0.00	0.741	0.44563	0.44016	0.43977
CA	466.00000	0.82	0.177	466.40000	466.60000	465.10000
CD	0.95250	0.03	3.342	0.97820	0.96230	0.91690
CO	0.46890	0.01	3.154	0.48190	0.47200	0.45280
CR	0.43590	0.00	0.887	0.44030	0.43410	0.43320
CU	0.47300	0.00	0.495	0.47570	0.47160	0.47170
FE	180.20000	1.47	0.813	181.90000	179.10000	179.80000
K	0.20530	0.00	0.477	0.20650	0.20480	0.20470
MG	427.70000	3.23	0.754	424.20000	428.40000	430.50000
MN	0.43410	0.00	0.753	0.43788	0.43226	0.43217
MO	-0.00360	0.00	15.860	-0.00380	-0.00290	-0.00390
NA	0.04230	0.01	12.680	0.03880	0.04850	0.03960
NI	0.91150	0.03	3.151	0.93470	0.92040	0.87940
PB	0.04470	0.00	5.810	0.04350	0.04760	0.04280
SB	0.54150	0.02	3.126	0.55450	0.54770	0.52240
SE	0.05350	0.01	10.640	0.05680	0.05670	0.04690
SI	0.02620	0.00	12.660	0.02840	0.02240	0.02790
SN	0.00230	0.00	199.100	0.00500	0.00470	-0.00290
SR	0.00300	0.00	1.319	0.00300	0.00300	0.00290
TI	-0.00040	0.00	21.110	-0.00040	-0.00030	-0.00040
TL	0.08760	0.00	2.417	0.08540	0.08960	0.08790
V	0.43410	0.00	0.800	0.43760	0.43070	0.43390
Y1	3880.40000	3,880.40	0.218	3881.40000	3871.50000	3888.30000
Y2	36146.00000	36,146.00	0.128	36199.00000	36113.00000	36126.00000
ZN	1.02600	0.04	3.491	1.05500	1.03700	0.98600

8755

LANCASTER LABORATORIES

Run Name: 0734206T70

Tube: 46

Sample Number: **CCV**

Instrument ID: 11016

Date/Time: 12/08/2007 20:24

ELEMENT	AVERAGE CONC (ppm)	AVERAGE INTENSITY	%RSD	INTEGRATIONS #1	#2	#3
AG	0.47940	0.00	0.603	0.48080	0.47600	0.48130
AL	23.08000	0.14	0.610	23.13000	22.93000	23.20000
AS	0.52170	0.01	1.820	0.51960	0.53210	0.51350
B	0.48370	0.00	0.546	0.48500	0.48060	0.48540
BA	0.44887	0.00	0.688	0.44993	0.44540	0.45129
BE	0.50386	0.00	0.512	0.50553	0.50089	0.50518
CA	26.18000	0.11	0.426	26.29000	26.06000	26.19000
CD	0.54990	0.01	1.060	0.55400	0.55240	0.54320
CO	0.53870	0.01	1.103	0.54200	0.54220	0.53180
CR	0.48980	0.00	0.856	0.49390	0.48550	0.48980
CU	0.46520	0.00	0.722	0.46630	0.46140	0.46790
FE	26.28000	0.09	0.327	26.32000	26.18000	26.33000
K	24.34000	0.34	1.383	24.18000	24.12000	24.73000
MG	24.34000	0.12	0.472	24.46000	24.23000	24.35000
MN	0.48445	0.00	0.369	0.48592	0.48246	0.48496
MO	0.49310	0.01	1.189	0.49820	0.49450	0.48670
NA	24.74000	0.05	0.209	24.78000	24.68000	24.76000
NI	0.52870	0.00	0.735	0.53180	0.52990	0.52430
PB	0.51290	0.01	1.312	0.51950	0.51330	0.50610
SB	0.46170	0.01	1.619	0.46300	0.46840	0.45360
SE	0.50190	0.01	1.068	0.49810	0.49970	0.50810
SI	24.66000	0.12	0.467	24.75000	24.53000	24.71000
SN	0.47110	0.01	1.600	0.47030	0.47900	0.46400
SR	0.46210	0.00	0.735	0.46380	0.45820	0.46430
TI	0.47430	0.00	0.613	0.47500	0.47110	0.47670
TL	0.46860	0.01	1.454	0.47190	0.47310	0.46070
V	0.48040	0.00	0.673	0.48270	0.47670	0.48180
Y1	4323.00000	4,323.00	0.072	4325.40000	4319.50000	4324.00000
Y2	38235.00000	38,235.00	0.578	38145.00000	38487.00000	38073.00000
ZN	0.55150	0.01	0.989	0.55470	0.55460	0.54520

8756

LANCASTER LABORATORIES

Run Name: 0734206T70

Tube: 47

Sample Number: **CCB**

Instrument ID: 11016

Date/Time: 12/08/2007 20:27

ELEMENT	AVERAGE CONC (ppm)	AVERAGE INTENSITY	%RSD	INTEGRATIONS #1	#2	#3
AG	0.00010	0.00	67.190	0.00010	0.00010	0.00000
AL	0.00210	0.00	70.240	0.00280	0.00300	0.00040
AS	0.00170	0.01	381.800	0.00230	-0.00520	0.00810
B	0.01230	0.00	2.933	0.01180	0.01250	0.01250
BA	0.00024	0.00	4.872	0.00024	0.00024	0.00022
BE	0.00025	0.00	2.483	0.00025	0.00026	0.00024
CA	0.04570	0.00	1.678	0.04630	0.04600	0.04490
CD	0.00000	0.00	034.000	0.00040	-0.00010	-0.00030
CO	0.00010	0.00	768.700	-0.00020	-0.00020	0.00050
CR	0.00010	0.00	355.100	0.00040	0.00000	-0.00020
CU	0.00480	0.00	5.522	0.00490	0.00510	0.00450
FE	0.01340	0.00	8.427	0.01440	0.01360	0.01210
K	0.09010	0.00	0.316	0.09040	0.09010	0.08980
MG	0.03190	0.00	5.504	0.03380	0.03200	0.03010
MN	0.00004	0.00	179.070	0.00012	0.00003	-0.00003
MO	0.00080	0.00	60.430	0.00130	0.00040	0.00060
NA	0.03370	0.00	3.916	0.03350	0.03510	0.03250
NI	0.00000	0.00	854.000	-0.00030	0.00040	-0.00020
PB	-0.00060	0.00	395.600	0.00020	-0.00310	0.00120
SB	-0.00070	0.00	182.000	0.00070	-0.00130	-0.00140
SE	0.00600	0.00	43.940	0.00870	0.00580	0.00340
SI	0.02870	0.00	8.865	0.02700	0.02740	0.03160
SN	0.00080	0.00	40.250	0.00090	0.00110	0.00050
SR	0.00000	0.00	29.080	0.00010	0.00010	0.00000
TI	0.00000	0.00	367.400	0.00000	0.00010	0.00000
TL	0.00150	0.00	133.100	0.00070	0.00000	0.00380
V	-0.00010	0.00	206.700	-0.00020	0.00010	-0.00010
Y1	4375.60000	4,375.60	0.507	4401.20000	4361.30000	4364.40000
Y2	38007.00000	38,007.00	0.200	38094.00000	37951.00000	37978.00000
ZN	0.00040	0.00	52.240	0.00030	0.00030	0.00070

8757

Extraction/Distillation/Digestion Logs

Batch# 07 337 1848 002

LLENS Worksheet for 1848 SW846 Water

B9

Start Time: 19:44 End Time: 00:30

Reagents: 1:1 HNO3 1:1 HCL

Lot# P07-324A P07-318

Vol Added(mL)* 2.0 5.0

*Volumes added to each field and QC Sample.

Method Ref: SW-846 3005A

	SampleID	Date Due	C	ST	P	Comments	Analysis
1)	BLANK						
2)	LCS						
3)	5223994	12/12/07 09:15	WW	S8		08A	01848
4)	5223995	12/12/07 09:15	WW	S8			01848
5)	5223996	12/12/07 09:15	WW	S8			01848
6)	**5223997U**	12/12/07 09:15	WW	S8			01848
7)	**5223998R**	12/12/07 09:15	WW	S8			01848
8)	**5223999M**	12/12/07 09:15	WW	S8			01848
9)	**5224000D**	12/12/07 09:15	WW	S8			01848
10)	5224001	12/12/07 09:15	WW	S8			01848
11)	5224002	12/12/07 09:15	WW	S8			01848
12)	5224003	12/12/07 09:15	WW	S8			01848
13)	5224004	12/12/07 09:15	WW	S8			01848
14)	5224005	12/12/07 09:15	WW	S8			01848
15)	5224006	12/12/07 09:15	WW	S8			01848
16)	5224007EB	12/12/07 09:15	WW	S8			01848
17)	5224356	12/12/07 15:30	WW	N8			01848
18)	5224357	12/12/07 15:30	WW	N8			01848
19)	5224358	12/12/07 15:30	WW	N8			01848
20)	5224359	12/12/07 15:30	WW	N8			01848
21)	5224429	12/12/07 16:00	WW	N8		08A	01848
22)	5225108	12/13/07 10:10	WW	N8		08A	01848
23)	5225109	12/13/07 10:10	WW	N8			01848
24)	5225110	12/13/07 10:10	WW	N8			01848

Signature: _____ Date 12/3/07

Reviewed by: Dee 0128 Date 12-10-07

8759

Batch# 07 337 1848 002

LLENS Worksheet for 1848 SW846 Water

SampleID	Date Due	C	ST	P	Comments	Analysis
25) 5225111EB	12/13/07 10:10		WW	N8		08A 01848

Batch# 07 337 1848 002

LLENS Batch Chronology and Change Log - SW846 Water

	Operation	Instrument	Operation Date	Analyst
1)	Sample Vol		12/3/07 21:04	01184
2)	Spiking Info		12/3/07 21:04	01184
3)	Final Vol	CLEAR	12/3/07 21:05	01184
4)	Trial		12/3/07 21:05	01184
5)	Upload Prep	LX09179	12/3/07 21:05	01184
6)	Spiking Info		12/3/07 21:58	01184

				Original Entry				Data Changed		
Sample ID	Analysis	Operation	Measurement	Date/Time	Data	Units	Analyst	Date/Time	Analyst	Reason
5223998	01848	Spiking Info	Spk B Lot#	12/3/07 21:05	P07-311A	NA	01184	12/3/07 21:58	01184	Wrong entry
5223999	01848	Spiking Info	Spk B Lot#	12/3/07 21:05	P07-311A	NA	01184	12/3/07 21:58	01184	Wrong entry
LCS		Spiking Info	Spk B Lot#	12/3/07 21:04	P07-311A	NA	01184	12/3/07 21:58	01184	Wrong entry

B761