

User: Bohlk, Ted
Westchester Dept. of Labs & Research
Date: 10/15/2001 Time: 11:17:44

Sample: AD23473
Analysis: \$525 Organic Chemicals - 525.2
Units: ug
Started: 10/4/01 11:10 Ended: 10/10/01 11:10 Analyst: TB
Result source: manual entry
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Hexachlorocyclopentadiene		< MDL		0.10
2	Hexachlorobenzene		< MDL		0.10
3	Simazine		< MDL		0.07
4	Atrazine		< MDL		0.10
5	Alachlor		< MDL		0.20
6	bis(2-Ethylhexyl)adipate		< MDL		0.60
7	bis(2-Ethylhexyl)phthalate		< MDL		0.60
8	Benzo(a)pyrene		< MDL		0.20
9	EPTC		< MDL		1.0
10	2,6-Dinitrotoluene		< MDL		2.0
11	2,4-Dinitrotoluene		< MDL		2.0
12	Molinate		< MDL		0.90
13	Terbacil		< MDL		2.0
14	Acetochlor		< MDL		2.0
15	Metribuzin		< MDL		0.15
16	Metolachlor		< MDL		0.75
17	Butachlor		< MDL		0.40
18	4,4-DDE		< MDL		0.80
19	Surr_1,3-Dimethyl-2-nitrobenzen		5.3		1.0
20	Surr_Triphenyl phosphate		5.4		1.0
21					

QC for this sample already provided
in batch 525 10/04/01
Refer to attached batch sheet.

Method 222

Date Extracted 10/04/01

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Lab #	Description	Sample vol/wt	Drip rate ml/min	Surr add	Spk add	IS add	Final vol.	T.V. pos.	pH	Count
	100			100		100	100			
	MDL				✓					
	But				✓					
23343	Sample									1
23344										2
23345										3
23355										4
23360										5
23471										6
23472										7
23473										8
Remarks										
drip rate must be between 5-15 ml/min for liq-liq extractors										
drip rate -										
Extraction type - <u>SPE</u>		Solv. lot# <u>0304 V13644</u>		NaCl lot# <u>-</u>		Na2SO4 lot# <u>2024 V32604</u>				
STANDARD	INT STD LOG#	<u>0304 V16463</u>								
CALIBRATION										
REF/SPIKE	<u>18536/18536/18540</u>									
MDL/MDRF	<u>18536/18536/18536</u>									
Q. CHECK										
INT. STD.	<u>20566</u>									
SURROGATE	<u>18006</u>									
LPC										
ENDRIN/DDT										

Analyst AN/ML
revision 4/12/01

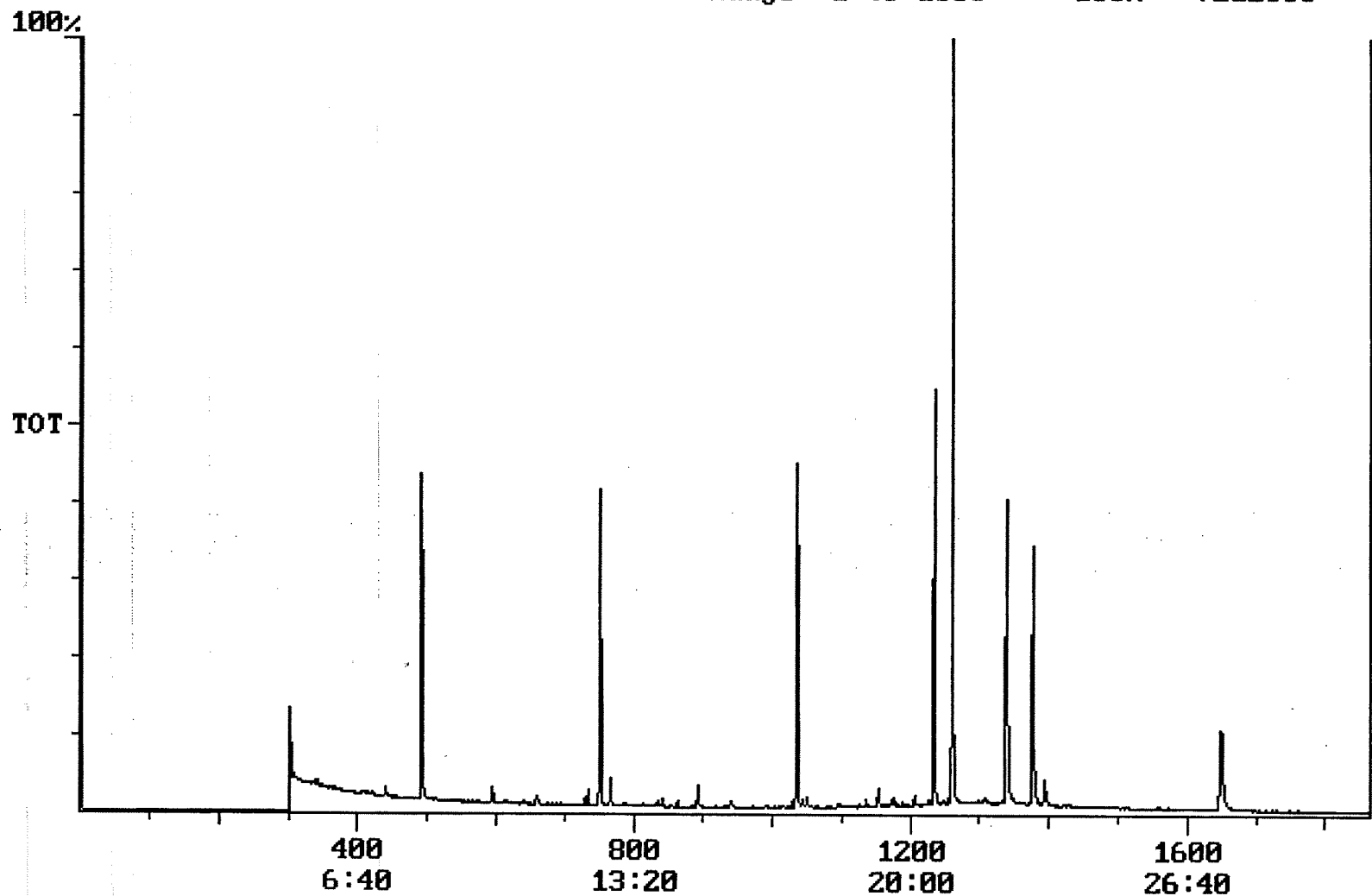
Verified by _____

Reviewed by DW
Date _____

Chromatogram Plot

File: F:\23473HH Date: Oct-11-1991 02:02:36
 Comment: BOHLK; METHOD 525; INST 204; 10/10/01; SAMPLE 23473

Scan No: 1 Retention Time: 0:01 RIC: 0 Mass Range: 0 - 0
 Plotted: 1 to 1860 Range: 1 to 1860 100% = 7212830



Integration Report

Quanfile: 23473HH

Quan Entries: 14

Comment: BOHLK; METHOD 525; INST 204; 10/10/01; SAMPLE 23473

Sorted via: Entry Number ↑

No	Name of Compound	R Time	Scan#	Mode	Peak Area	Pk Height
1	acenaphthene d-10(IS)	12:31	751	Auto	1,473,114	701,071
2	phenanthrene d-10 (IS)	17:15	1035	Auto	2,368,427	1,100,619
3	chrysene d-12(IS)	22:56	1376	Auto	1,566,003	685,776
4	p-terphenyl d-14(IS)	21:01	1261	Auto	2,994,700	2,249,596
5	acenaphthene d-10(SURR)	12:31	751	Auto	1,473,114	701,071
6	phenanthrene d-10(SURR)	17:15	1035	Auto	2,368,427	1,100,619
7	chrysene d-12 (SURR)	22:56	1376	Auto	1,566,003	685,776
8	1,3-dimethyl-2-nitrobenzene	8:11	491	Auto	913,612	458,541
9	triphenyl phosphate (S)	22:18	1338	Auto	1,260,690	422,946
10	perylene d-12 (SURR)	27:29	1649	Auto	1,272,500	247,195
11	hexachlorobenzene	15:42	942	Auto	2,780	1,624
12	bis(2-ethylhexyl)adipate	22:18	1338	Auto	16,165	4,519
13	bis(2-ethylhexyl)phthalate	23:13	1393	Auto	240,325	61,560
14	4,4'-dichlorodiphenyl ether	20:56	1256	Auto	4,098	2,143

Quantitation Report

Quanfile: 23473HH

Quan Entries: 14

Comment: BOHLK; METHOD 525; INST 204; 10/10/01; SAMPLE 23473

Sorted via: Entry Number ↑

(S) = Standard

Cal	Name of Compound	S	Scan#	R Time	Me	Calc Amt(A)	Units
1	acenaphthene d-10 (IS)	I	751	12:31	BB	5.000	UG/L
2	phenanthrene d-10 (IS)	I	1035	17:15	BB	5.000	UG/L
3	chrysene d-12 (IS)	I	1376	22:56	BB	5.000	UG/L
4	p-terphenyl d-14 (IS)	I	1261	21:01	BB	5.000	UG/L
5	acenaphthene d-10 (SURR)	A	751	12:31	BB	3.115	UG/L
6	phenanthrene d-10 (SURR)	A	1035	17:15	BB	3.563	UG/L
7	chrysene d-12 (SURR)	A	1376	22:56	BB	3.549	UG/L
8	1,3-dimethyl-2-nitrobenzene	A	491	8:11	BB	5.326	UG/L
9	triphenyl phosphate (S)	A	1338	22:18	BB	5.447	UG/L
10	perylene d-12 (SURR)	A	1649	27:29	BB	6.875	UG/L
12	hexachlorobenzene	A	942	15:42	BB	0.015	UG/L
16	bis(2-ethylhexyl)adipate	A	1338	22:18	MM	0.068	UG/L
17	bis(2-ethylhexyl)phthalate	A	1393	23:13	VV	0.520	UG/L
28	4,4'-dichlorodiphenyl ether	A	1256	20:56	BB	0.018	UG/L

reviewed IS/Surr's
checked manually for 5 major
at mass 201 N.A.

Comments for Sample AD23473 - Analysis \$525

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 10-16-2001 Time: 16:44:37

Recoveries for three of the eighteen compounds in the MDL and LCS Standards were outside of their acceptance ranges. The recovery for one of the three Surrogate Standards in this sample was above its acceptance range.