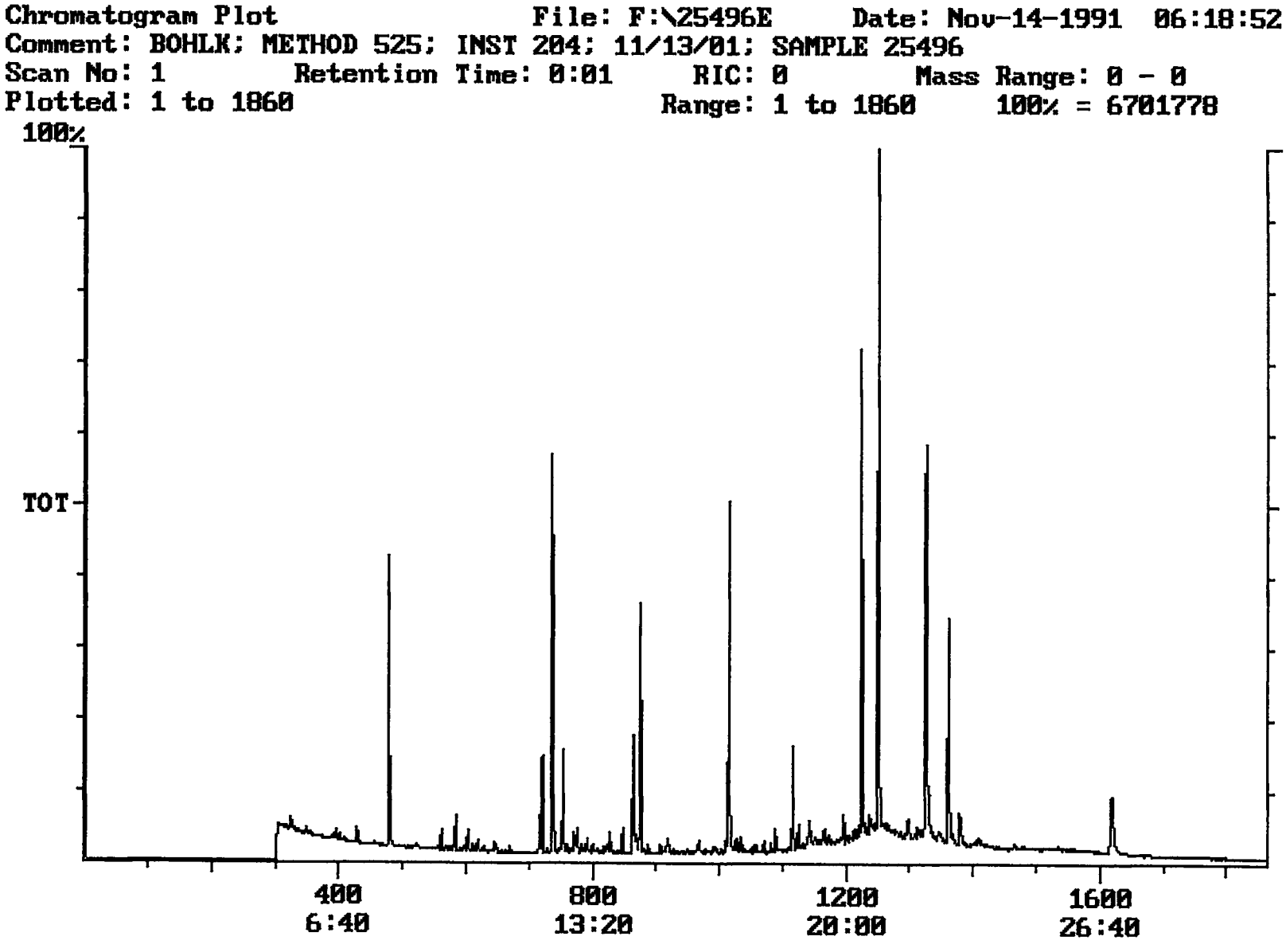
User: Bohlk, Ted
Westchester Dept. of Labs & Research
Date: 11/29/2001 Time: 16:29:12

Sample: AD25496
Analysis: $525 Organic Chemicals - 525.2
Units: ug
Started: 10/29/01 16:18 Ended: 11/13/01 16:18 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		0.40
4	Atrazine		< MDL		0.20
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		5.0		1.0
20	Surr_Triphenyl phosphate		6.5		1.0
21	Surr_Perylene-d12		3.6		1.0



Integration Report Quanfile: 25496E Quan Entries: 14
Comment: BOHLK; METHOD 525; INST 204; 11/13/01; SAMPLE 25496
Sorted via: Entry Number ↑

No	Name of Compound	R Time	Scan#	Mode	Peak Area	Pk Height
1	acenaphthene d-10(IS)	12:17	737	Auto	1,522,205	856,956
2	phenanthrene d-10 (IS)	16:55	1015	Auto	2,488,116	1,090,712
3	chrysene d-12(IS)	22:41	1361	Auto	1,621,057	606,138
4	p-terphenyl d-14(IS)	20:50	1250	Auto	3,474,593	2,070,797
5	acenaphthene d-10(SURR	12:17	737	Auto	1,522,205	856,956
6	phenanthrene d-10(SURR	16:55	1015	Auto	2,488,116	1,090,712
7	chrysene d-12 (SURR)	22:41	1361	Auto	1,621,057	606,138
8	1,3-dimethyl-2-nitrobe	7:58	478	Auto	943,422	516,334
9	triphenyl phosphate (S	22:06	1326	Auto	1,507,594	533,404
10	perylene d-12 (SURR)	26:57	1617	Auto	706,487	125,905
11	simazine	16:05	965	Auto	0	0
12	bis(2-ethylhexyl)adipa	22:06	1326	Auto	46,672	3,458
13	bis(2-ethylhexyl)phtha	22:58	1378	Auto	291,819	84,385
14	2,6-dinitrotoluene	11:57	717	Auto	90,738	45,483

Reviewed KS/SUR

Quantitation Report Quanfile: 25496E Quan Entries: 14
Comment: BOHLK; METHOD 525; INST 204; 11/13/01; SAMPLE 25496
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	737	12:17	BB	5.000	UG/L
2	phenanthrene d-10 (IS)	I	1015	16:55	BV	5.000	UG/L
3	chrysene d-12(IS)	I	1361	22:41	BV	5.000	UG/L
4	p-terphenyl d-14(IS)	I	1250	20:50	BB	5.000	UG/L
5	acenaphthene d-10(SURR	A	737	12:17	BB	2.883	UG/L
6	phenanthrene d-10(SURR	A	1015	16:55	BV	3.073	UG/L
7	chrysene d-12 (SURR)	A	1361	22:41	BV	3.002	UG/L
8	1,3-dimethyl-2-nitrobe	A	478	7:58	BV	4.976	UG/L
9	triphenyl phosphate (S	A	1326	22:06	BB	6.487	UG/L
10	perylene d-12 (SURR)	A	1617	26:57	BB	3.611	UG/L
13	simazine	A	965	16:05	BB	0.001	UG/L
16	bis(2-ethylhexyl)adipa	A	1326	22:06	MM	0.239	UG/L
17	bis(2-ethylhexyl)phtha	A	1378	22:58	BB	0.460	UG/L
20	2,6-dinitrotoluene	A	717	11:57	BB	0.933	UG/L

Comments for Sample AD25496 - Analysis $525

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 12-07-2001 Time: 11:53:53

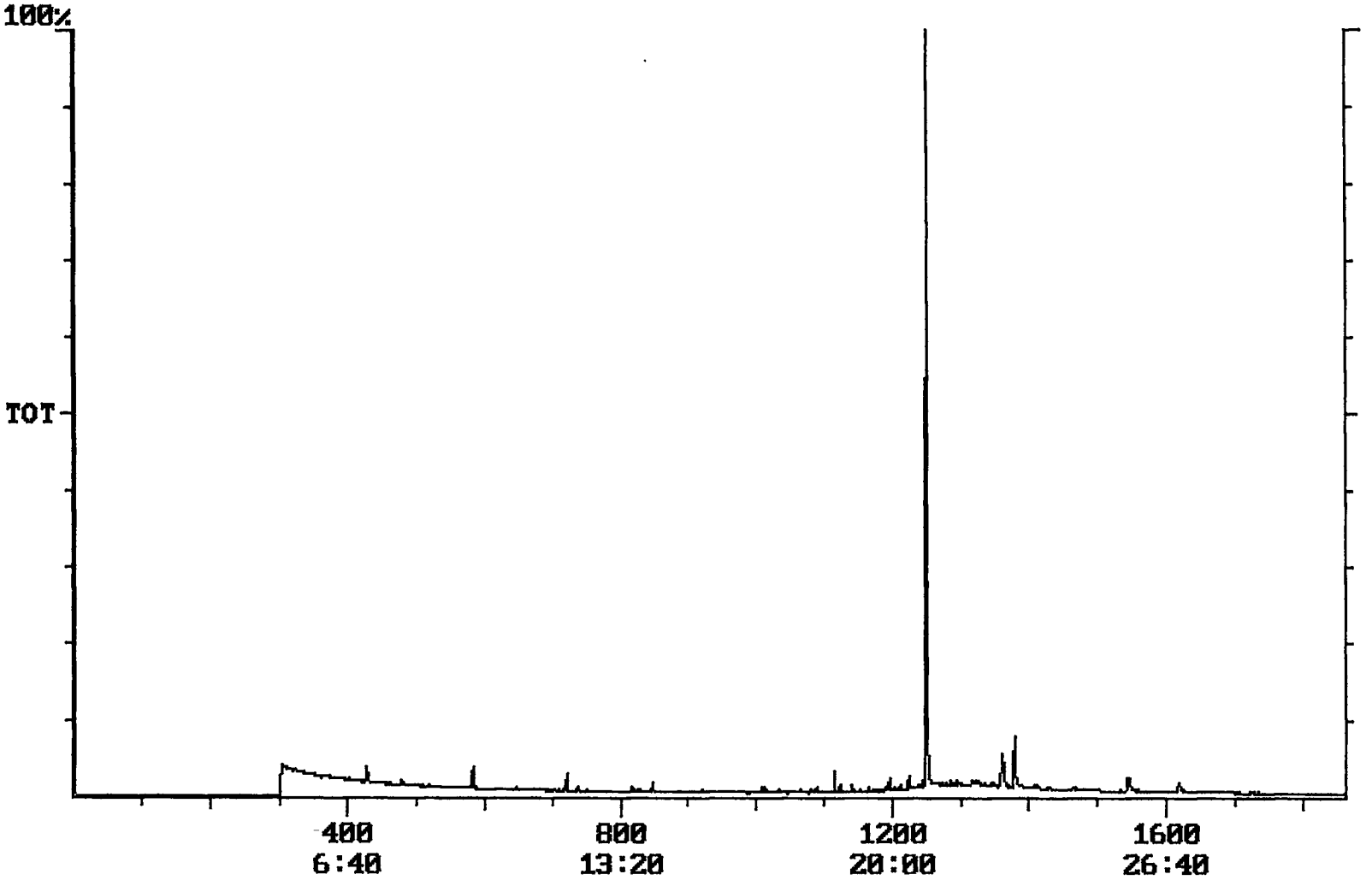
Recoveries for 3 of the 18 compounds in the MDL Standard were outside of their acceptance ranges. Recoveries for 2 of the 18 compounds in the LCS Standard were outside of their acceptance ranges.

User: Bohlk, Ted
Westchester Dept. of Labs & Research
Date: 12/07/2001 Time: 10:13:58

Sample: AD25497
Analysis: S525 Organic Chemicals - 525.2
Units: ug
Started: 10/29/01 10:12 Ended: 11/13/01 10:12 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		0.40
4	Atrazine		< MDL		0.20
5	Alachlor		< MDL		0.20
6	bis(2-Ethylhexyl)adipate		< MDL		0.60
7	bis(2-Ethylhexyl)phthalate		1.6		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-nitrobenze		5.0		1.0
20	Surr_Triphenyl phosphate		6.4		1.0
21	Surr_Perylene-d12		3.3		1.0

Chromatogram Plot File: F:\25497C Date: Nov-14-1991 06:53:15
Comment: BOHLK; METHOD 525; INST 204; 11/13/01; SAMPLE 25497
Scan No: 1 Retention Time: 0:01 RIC: 0 Mass Range: 0 - 0
Plotted: 1 to 1859 Range: 1 to 1859 100% = 8808000

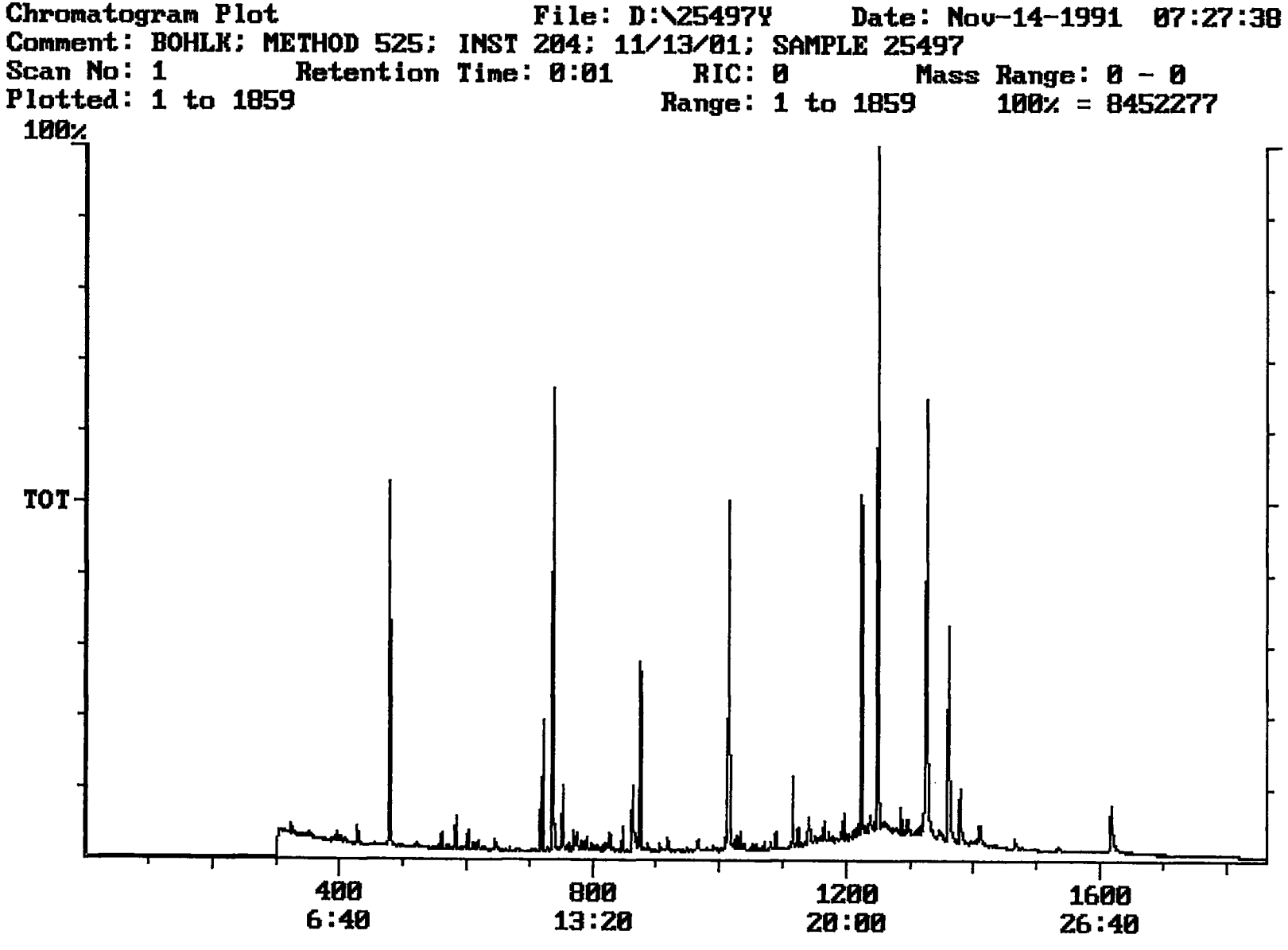


Integration Report Quanfile: 25497C Quan Entries: 15
Comment: BOHLK; METHOD 525; INST 204; 11/13/01; SAMPLE 25497
Sorted via: Entry Number ↑

No	Name of Compound	R Time	Scan#	Mode	Peak Area	Pk Height
1	acenaphthene d-10(IS)	12:17	737	Auto	27,990	12,020
2	phenanthrene d-10 (IS)	16:56	1016	Auto	45,769	10,129
3	chrysene d-12(IS)	22:41	1361	Auto	309,912	94,611
4	p-terphenyl d-14(IS)	20:50	1250	Auto	4,089,441	2,897,845
5	acenaphthene d-10(SURR	12:17	737	Auto	27,990	12,020
6	phenanthrene d-10(SURR	16:56	1016	Auto	45,769	10,129
7	chrysene d-12 (SURR)	22:41	1361	Auto	309,912	94,611
8	1,3-dimethyl-2-nitrobe	7:58	478	Auto	20,381	8,185
9	triphenyl phosphate (S	22:06	1326	Auto	21,624	5,596
10	perylene d-12 (SURR)	26:58	1618	Auto	184,505	26,200
11	simazine	16:10	970	Auto	0	0
12	bis(2-ethylhexyl)adipa	22:02	1322	Auto	20,361	1,696
13	bis(2-ethylhexyl)phtha	22:58	1378	Auto	566,371	170,047
14	2,6-dinitrotoluene	11:57	717	Auto	1,566	1,566
15	butachlor	20:29	1229	Auto	6,804	1,084

Quantitation Report Quanfile: 25497C Quan Entries: 15
Comment: BOHLK; METHOD 525; INST 204; 11/13/01; SAMPLE 25497
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	737	12:17	BB	5.000	UG/L
2	phenanthrene d-10 (IS)	I	1016	16:56	BB	5.000	UG/L
3	chrysene d-12(IS)	I	1361	22:41	BB	5.000	UG/L
4	p-terphenyl d-14(IS)	I	1250	20:50	BB	5.000	UG/L
5	acenaphthene d-10(SURR	A	737	12:17	BB	0.046	UG/L
6	phenanthrene d-10(SURR	A	1016	16:56	BB	0.049	UG/L
7	chrysene d-12 (SURR)	A	1361	22:41	BB	0.488	UG/L
8	1,3-dimethyl-2-nitrobe	A	478	7:58	BB	5.846	UG/L
9	triphenyl phosphate (S	A	1326	22:06	BB	0.487	UG/L
10	perylene d-12 (SURR)	A	1618	26:58	BB	4.933	UG/L
13	simazine	A	970	16:10	BB	0.001	UG/L
16	bis(2-ethylhexyl)adipa	A	1322	22:02	MM	0.547	UG/L
17	bis(2-ethylhexyl)phtha	A	1378	22:58	BB	5.495	UG/L
20	2,6-dinitrotoluene	A	717	11:57	BB	0.874	UG/L
27	butachlor	A	1229	20:29	MM	2.175	UG/L



Integration Report Quanfile: 25497Y Quan Entries: 17
Comment: BOHLK; METHOD 525; INST 204; 11/13/01; SAMPLE 25497
Sorted via: Entry Number ↑

No	Name of Compound	R Time	Scan#	Mode	Peak Area	Pk Height
1	acenaphthene d-10(IS)	12:17	737	Auto	2,042,469	1,352,666
2	phenanthrene d-10 (IS)	16:55	1015	Auto	3,246,755	1,407,812
3	chrysene d-12(IS)	22:40	1360	Auto	1,853,777	768,040
4	p-terphenyl d-14(IS)	20:50	1250	Auto	3,555,982	2,552,218
5	acenaphthene d-10(SURR	12:17	737	Auto	2,042,469	1,352,666
6	phenanthrene d-10(SURR	16:55	1015	Auto	3,246,755	1,407,812
7	chrysene d-12 (SURR)	22:40	1360	Auto	1,853,777	768,040
8	1,3-dimethyl-2-nitrobe	7:58	478	Auto	1,267,483	726,856
9	triphenyl phosphate (S	22:05	1325	Auto	1,700,710	780,879
10	perylene d-12 (SURR)	26:57	1617	Auto	730,999	128,311
11	bis(2-ethylhexyl)adipa	22:02	1322	Auto	82,952	11,841
12	bis(2-ethylhexyl)phtha	22:58	1378	Auto	638,081	185,656
13	2,6-dinitrotoluene	11:57	717	Auto	101,591	59,224
14	2,4-dinitrotoluene	13:04	784	Auto	4,215	1,413
15	terbacil	17:35	1055	Auto	8,399	3,233
16	metolachlor	19:19	1159	Auto	5,580	1,731
17	4,4'-dde	20:46	1246	Auto	3,339	1,341

Reviewed 15/SWR

Quantitation Report Quanfile: 25497Y Quan Entries: 17
Comment: BOHLK; METHOD 525; INST 204; 11/13/01; SAMPLE 25497
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	737	12:17	BB	5.000	UG/L
2	phenanthrene d-10 (IS)	I	1015	16:55	BV	5.000	UG/L
3	chrysene d-12(IS)	I	1360	22:40	BB	5.000	UG/L
4	p-terphenyl d-14(IS)	I	1250	20:50	BB	5.000	UG/L
5	acenaphthene d-10(SURR	A	737	12:17	BB	3.779	UG/L
6	phenanthrene d-10(SURR	A	1015	16:55	BV	3.918	UG/L
7	chrysene d-12 (SURR)	A	1360	22:40	BB	3.354	UG/L
8	1,3-dimethyl-2-nitrobe	A	478	7:58	BV	4.982	UG/L
9	triphenyl phosphate (S	A	1325	22:05	BV	6.399	UG/L
10	perylene d-12 (SURR)	A	1617	26:57	BB	3.267	UG/L
16	bis(2-ethylhexyl)adipa	A	1322	22:02	MM	0.372	UG/L
17	bis(2-ethylhexyl)phtha	A	1378	22:58	BB	0.897	UG/L
20	2,6-dinitrotoluene	A	717	11:57	BB	0.775	UG/L
21	2,4-dinitrotoluene	A	784	13:04	BB	0.029	UG/L
23	terbacil	A	1055	17:35	BB	0.161	UG/L
26	metolachlor	A	1159	19:19	BB	0.009	UG/L
28	4,4'-dde	A	1246	20:46	BV	0.012	UG/L

Sample

25497

phthalate

$$C = \frac{(566371)(1.5)}{(2163689)(1.781)} =$$

$$C = 0.735$$

$$\begin{array}{r} 0.735 \\ +\ 0.897 \\ \hline 1.632 \end{array}$$

report phthalate as 1.6 ug/L

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report all other targets as < values

Comments for Sample AD25497 - Analysis $525

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 12-07-2001 Time: 11:56:38

Recoveries for 3 of the 18 compounds in the MDL Standard were outside of their acceptance ranges. Recoveries for 2 of the 18 compounds in the LCS Standard were outside of their acceptance ranges.