User: Bohlk, Ted
Westchester Dept. of Labs & Research
Date: 11/24/2001 Time: 14:43:14

Sample: AD24948
Analysis: $M_525 Organic Chemicals - 525.2; mdl
Units: ug
Started: 10/24/01 14:17 Ended: 11/8/01 14:17 Analyst: TB
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Hexachlorocyclopentadiene		0.059		0.10
2	Hexachlorobenzene		0.077		0.10
3	Simazine		0.076		0.07
4	Atrazine		0.12		0.10
5	Alachlor		0.17		0.20
6	bis(2-Ethylhexyl)adipate		0.18		0.60
7	bis(2-Ethylhexyl)phthalate		0.41		0.60
8	Benzo(a)pyrene		0.027		0.20
9	EPTC		0.76		1.0
10	2,6-Dinitrotoluene		1.6		2.0
11	2,4-Dinitrotoluene		1.3		2.0
12	Molinate		0.89		0.90
13	Terbacil		1.9		2.0
14	Acetochlor		1.7		2.0
15	Metribuzin		0.14		0.15
16	Metolachlor		0.18		0.75
17	Butachlor		0.20		0.40
18	4,4-DDE		0.57		0.80
19	Surr_1,3-Dimethyl-2-nitrobenze		5.3		
20	Surr_Triphenyl phosphate		5.7		
21	Surr_Perylene-d12		3.2		

User: Bohlk, Ted
Westchester Dept. of Labs & Research
Date: 11/24/2001 Time: 14:43:31

Sample: AD24948
Analysis: $MR525 Organic Chemicals - 525.2; mdl
Units: ug
Started: 10/24/01 14:43 Ended: 11/8/01 14:43 Analyst: TB
Result source: calculation
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Hexachlorocyclopentadiene		29.5		0.10
2	Hexachlorobenzene		38.5		0.10
3	Simazine		38		0.07
4	Atrazine		60		0.10
5	Alachlor		85		0.20
6	bis(2-Ethylhexyl)adipate		90		0.60
7	bis(2-Ethylhexyl)phthalate		205		0.60
8	Benzo(a)pyrene		13.5		0.20
9	EPTC		84.44444		1.0
10	2,6-Dinitrotoluene		80		2.0
11	2,4-Dinitrotoluene		65		2.0
12	Molinate		89		0.90
13	Terbacil		95		2.0
14	Acetochlor		85		2.0
15	Metribuzin		70		0.15
16	Metolachlor		90		0.75
17	Butachlor		100		0.40
18	4,4-DDE		71.25		0.80
19	Surr_1,3-Dimethyl-2-nitrobenze		106		
20	Surr_Triphenyl phosphate		114		
21	Surr_Perylene-d12		64		

flag
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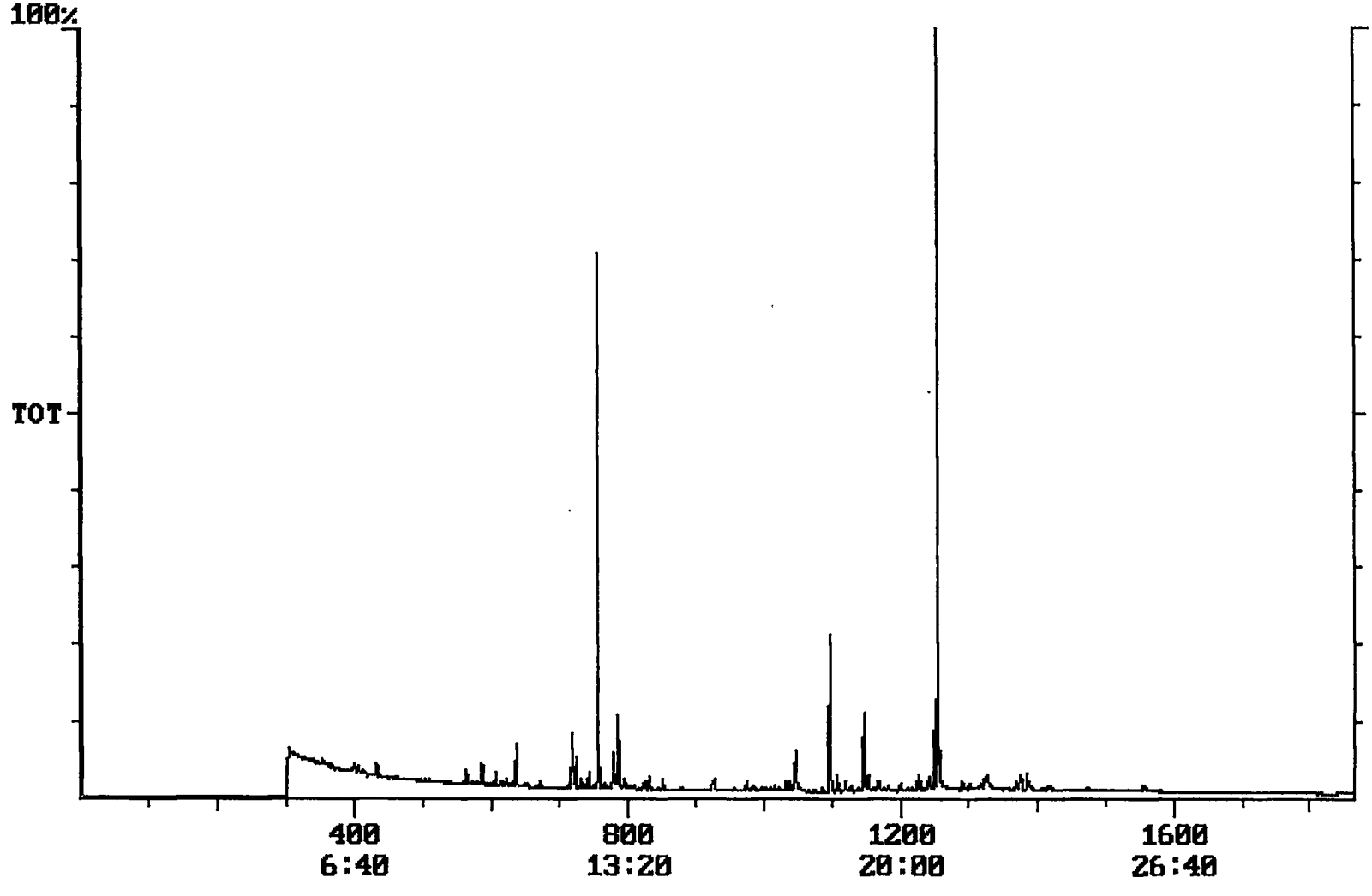
Chromatogram Plot File: E:\MDLA1108 Date: Nov-08-1991 20:56:14
Comment: BOHLK; METHOD 525; INST 204; 11/08/01; MDL
Scan No: 1 Retention Time: 0:01 RIC: 0 Mass Range: 0 - 0
Plotted: 1 to 1860 Range: 1 to 1860 100% = 6994161



Integration Report Quanfile: MDLA1108 Quan Entries: 26
Comment: BOHLK; METHOD 525; INST 204; 11/08/01; MDL
Sorted via: Entry Number ↑

No	Name of Compound	R Time	Scan#	Mode	Peak Area	Pk Height
1	acenaphthene d-10(IS)	12:22	742	Auto	5,766	3,018
2	phenanthrene d-10 (IS)	17:03	1023	Auto	7,818	2,207
3	chrysene d-12(IS)	22:50	1370	Auto	4,379	1,296
4	p-terphenyl d-14(IS)	20:54	1254	Auto	3,377,175	2,254,924
5	acenaphthene d-10(SURR	12:22	742	Auto	5,766	3,018
6	phenanthrene d-10(SURR	17:03	1023	Auto	7,818	2,207
7	chrysene d-12 (SURR)	22:50	1370	Auto	4,379	1,296
8	triphenyl phosphate (S	22:11	1331	Auto	851	851
9	hexachlorocyclopentadi	10:13	613	Auto	5,602	2,818
10	hexachlorobenzene	15:27	927	Auto	30,310	10,931
11	simazine	16:14	974	Auto	7,855	2,106
12	atrazine	16:23	983	Auto	11,121	3,356
13	alachlor	18:28	1108	Auto	28,707	15,817
14	bis(2-ethylhexyl)adipa	22:03	1323	Auto	31,473	6,513
15	bis(2-ethylhexyl)phtha	23:04	1384	Auto	217,310	49,207
16	benzo(a)pyrene	27:02	1622	Auto	875	875
17	eptc	10:37	637	Auto	629,458	387,978
18	2,6-dinitrotoluene	12:00	720	Auto	180,147	64,721
19	2,4-dinitrotoluene	12:59	779	Auto	171,733	36,292
20	molinate	13:07	787	Auto	255,164	153,778
21	terbacil	17:26	1046	Auto	218,571	68,199
22	acetochlor	18:16	1096	Auto	204,512	107,631
23	metribuzin	18:19	1099	Auto	29,245	11,273
24	metolachlor	19:13	1153	Auto	94,408	39,250
25	butachlor	20:26	1226	Auto	30,378	13,202
26	4,4'-dde	20:50	1250	Auto	132,237	90,093

Quantitation Report Quanfile: MDLA1108 Quan Entries: 26
Comment: BOHLK; METHOD 525; INST 204; 11/08/01; MDL
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	742	12:22	BB	5.000	UG/L
2	phenanthrene d-10 (IS)	I	1023	17:03	BB	5.000	UG/L
3	chrysene d-12(IS)	I	1370	22:50	BB	5.000	UG/L
4	p-terphenyl d-14(IS)	I	1254	20:54	BB	5.000	UG/L
5	acenaphthene d-10(SURR	A	742	12:22	BB	0.012	UG/L
6	phenanthrene d-10(SURR	A	1023	17:03	BB	0.011	UG/L
7	chrysene d-12 (SURR)	A	1370	22:50	BB	0.009	UG/L
9	triphenyl phosphate (S	A	1331	22:11	BB	1.476	UG/L
11	hexachlorocyclopentadi	A	613	10:13	BB	16.188	UG/L
12	hexachlorobenzene	A	927	15:27	BB	16.059	UG/L
13	simazine	A	974	16:14	MM	52.404	UG/L
14	atrazine	A	983	16:23	BB	0.000	UG/L
15	alachlor	A	1108	18:28	BB	133.374	UG/L
16	bis(2-ethylhexyl)adipa	A	1323	22:03	MM	0.000	UG/L
17	bis(2-ethylhexyl)phtha	A	1384	23:04	VV	0.000	UG/L
18	benzo(a)pyrene	A	1622	27:02	BB	0.998	UG/L
19	eptc	A	637	10:37	MM	1.102	UG/L
20	2,6-dinitrotoluene	A	720	12:00	BB	0.000	UG/L
21	2,4-dinitrotoluene	A	779	12:59	MM	0.000	UG/L
22	molinate	A	787	13:07	BB	0.000	UG/L
23	terbacil	A	1046	17:26	BB	0.000	UG/L
24	acetochlor	A	1096	18:16	BB	0.000	UG/L
25	metribuzin	A	1099	18:19	BB	0.000	UG/L
26	metolachlor	A	1153	19:13	BB	60.132	UG/L
27	butachlor	A	1226	20:26	BB	0.000	UG/L
28	4,4'-dde	A	1250	20:50	BV	1.217	UG/L

MDL

acenaphthene d-10 (surr)

$$= \frac{(1600726)(5)}{(3377175)(0.745)} = \underline{3.2 \text{ ug/L}}$$

phen (surr)

$$= \frac{(2496016)(5)}{(3377175)(1.121)} = \underline{3.3 \text{ ug/L}}$$

chrys (surr)

$$= \frac{(1678308)(5)}{(3377175)(0.807)} = \underline{3.1 \text{ ug/L}}$$