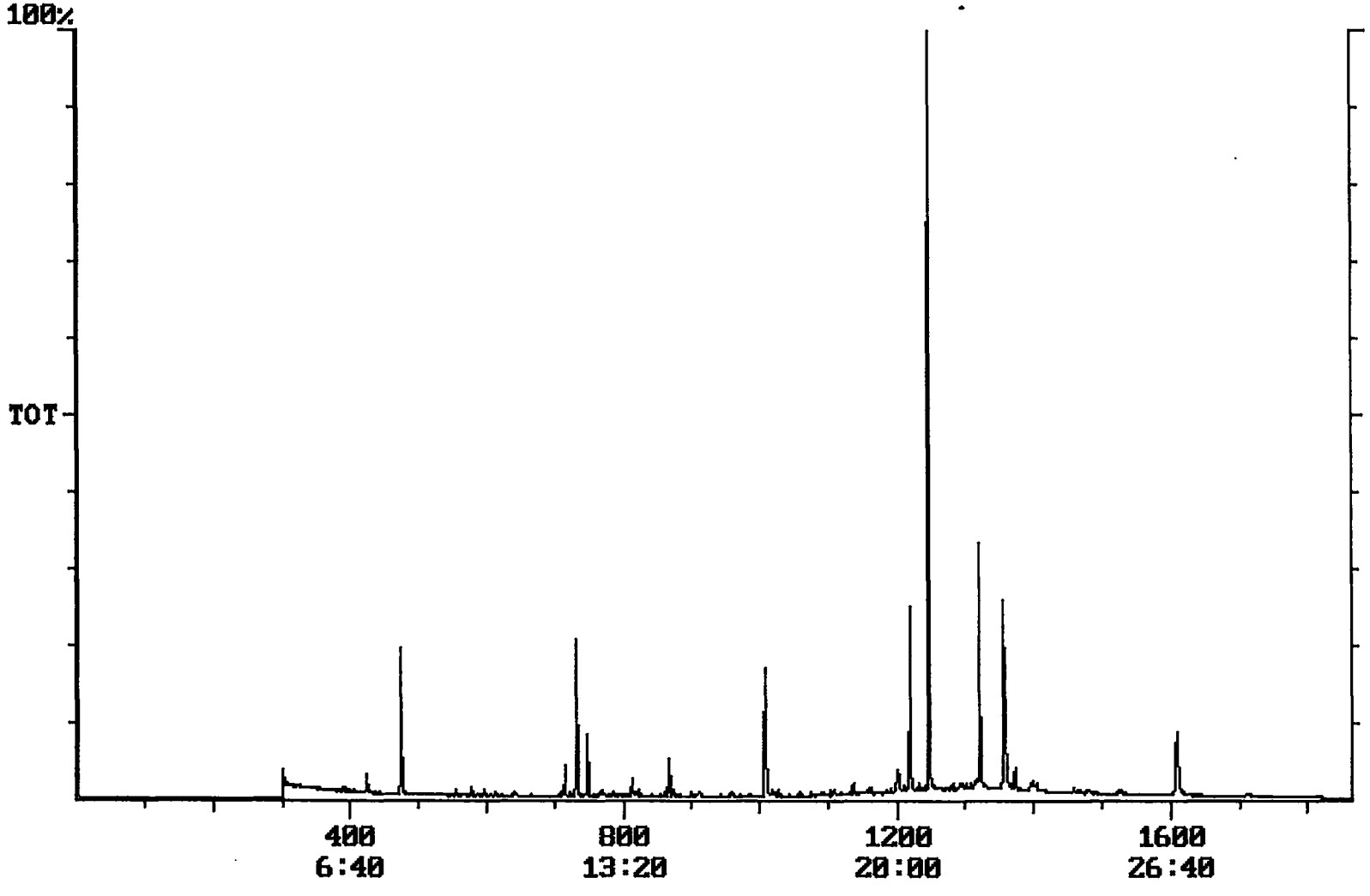
User: Bohlk, Ted
Westchester Dept. of Labs & Research
Date: 01/03/2002 Time: 15:22:41

Sample: AD27112
Analysis: S525 Organic Chemicals - 525.2
Units: ug
Started: 11/14/01 15:20 Ended: 12/1/01 15:20 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-nitrobenze		4.7		1.0
20	Surr_Triphenyl phosphate		5.3		1.0
21	Surr_Perylene-d12		5.7		1.0

Chromatogram Plot File: F:\27112L Date: Dec-01-1991 22:08:50
Comment: BOHLK; METHOD 525; INST 204; 12/01/01; SAMPLE 27112
Scan No: 1 Retention Time: 0:01 RIC: 0 Mass Range: 0 - 0
Plotted: 1 to 1860 Range: 1 to 1860 100% = 21046235



Integration Report Quanfile: 27112L Quan Entries: 17
Comment: BOHLK; METHOD 525; INST 204; 12/01/01; SAMPLE 27112
Sorted via: Entry Number ↑

No	Name of Compound	R Time	Scan#	Mode	Peak Area	Pk Height
1	acenaphthene d-10(IS)	12:12	732	Auto	2,140,848	1,092,666
2	phenanthrene d-10 (IS)	16:48	1008	Auto	3,388,290	1,197,538
3	chrysene d-12(IS)	22:36	1356	Auto	2,932,768	1,362,431
4	p-terphenyl d-14(IS)	20:47	1247	Auto	12,327,931	7,585,703
5	acenaphthene d-10(SURR	12:12	732	Auto	2,140,848	1,092,666
6	phenanthrene d-10(SURR	16:48	1008	Auto	3,388,290	1,197,538
7	chrysene d-12 (SURR)	22:36	1356	Auto	2,932,768	1,362,431
8	1,3-dimethyl-2-nitrobe	7:54	474	Auto	1,212,073	647,549
9	triphenyl phosphate (S	22:01	1321	Auto	1,738,722	989,793
10	perylene d-12 (SURR)	26:50	1610	Auto	1,917,187	429,292
11	simazine	16:00	960	Auto	932	932
12	bis(2-ethylhexyl)adipa	22:01	1321	Auto	33,766	9,632
13	bis(2-ethylhexyl)phtha	22:53	1373	Auto	389,655	174,500
14	benzo(a)pyrene	26:36	1596	Auto	96,269	14,572
15	2,6-dinitrotoluene	11:53	713	Auto	83,823	37,819
16	2,4-dinitrotoluene	13:02	782	Auto	7,548	1,636
17	butachlor	20:20	1220	Auto	3,409	3,409

renewed IS's / SURR's

Quantitation Report Quanfile: 27112L Quan Entries: 17
Comment: BOHLK; METHOD 525; INST 204; 12/01/01; SAMPLE 27112
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	732	12:12	BB	5.000	UG/L
2	phenanthrene d-10 (IS)	I	1008	16:48	BV	5.000	UG/L
3	chrysene d-12(IS)	I	1356	22:36	BV	5.000	UG/L
4	p-terphenyl d-14(IS)	I	1247	20:47	BV	5.000	UG/L
5	acenaphthene d-10(SURR	A	732	12:12	BB	1.146	UG/L
6	phenanthrene d-10(SURR	A	1008	16:48	BV	1.262	UG/L
7	chrysene d-12 (SURR)	A	1356	22:36	BV	1.421	UG/L
8	1,3-dimethyl-2-nitrobe	A	474	7:54	BB	4.719	UG/L
9	triphenyl phosphate (S	A	1321	22:01	BV	5.348	UG/L
10	perylene d-12 (SURR)	A	1610	26:50	BB	5.663	UG/L
13	simazine	A	960	16:00	BB	0.009	UG/L
16	bis(2-ethylhexyl)adipa	A	1321	22:01	MM	0.051	UG/L
17	bis(2-ethylhexyl)phtha	A	1373	22:53	VV	0.358	UG/L
18	benzo(a)pyrene	A	1596	26:36	MM	0.153	UG/L
20	2,6-dinitrotoluene	A	713	11:53	BB	0.670	UG/L
21	2,4-dinitrotoluene	A	782	13:02	MM	0.054	UG/L
27	butachlor	A	1220	20:20	BB	0.015	UG/L

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\121801\27112.D Vial: 17
Acq On : 19 Dec 2001 7:54 am Operator: McLean
Sample : 12/7 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Dec 19 08:31:19 2001 Quant Results File: 121401.RES

27112
Re-ext

Quant Method : C:\MSDCHEM\1\5973N\121401.M (RTE Integrator)
Title : Quantitation For Method 525.2
Last Update : Tue Dec 18 09:35:41 2001
Response via : Initial Calibration
DataAcq Meth : 121401

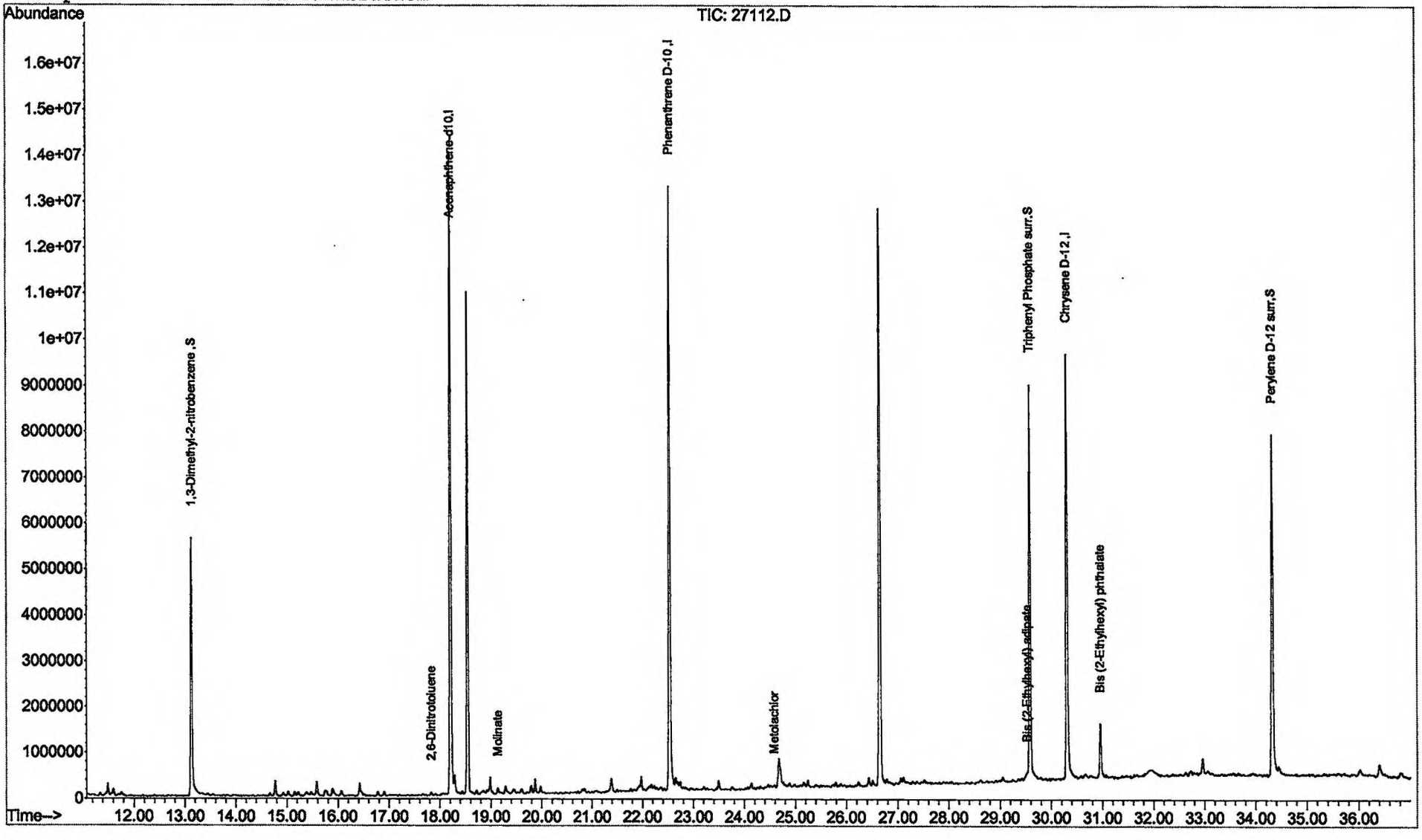
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Acenaphthene-d10	18.21	164	7176991	5.00	ug/L	0.00
9) Phenanthrene D-10	22.53	188	10659407	5.00	ug/L	0.00
20) Chrysene D-12	30.30	240	6792267	5.00	ug/L	0.00
System Monitoring Compounds						
2) 1,3-Dimethyl-2-nitrobenzen	13.13	134	1753754	4.78	ug/L	0.00
Spiked Amount 5.000			Recovery = 95.60%			
19) Triphenyl Phosphate surr	29.58	326	2024896	6.24	ug/L	0.00
Spiked Amount 5.000			Recovery = 124.80%			
21) Perylene D-12 surr	34.31	264	5153241	5.74	ug/L	0.00
Spiked Amount 5.000			Recovery = 114.80%			
Target Compounds						Qvalue
3) Hexachlorocyclopentadiene	0.00	237	0	N.D.		
4) Hexachlorobenzene	0.00	284	0	N.D.		
5) EPTC	0.00	128	0	N.D.		
6) 2,6-Dinitrotoluene	17.82	165	11495	0.33	ug/L #	30
7) 2,4-Dinitotoluene	0.00	165	0	N.D.	d	
8) Molinate	19.13	126	5990	0.01	ug/L #	1
10) Simazine	0.00	201	0	N.D.	d	
11) Atrazine	0.00	200	0	N.D.		
12) Alachlor	0.00	160	0	N.D.		
13) Terbacil	0.00	161	0	N.D.	d	
14) Acetochlor	0.00	146	0	N.D.	d	
15) Metribuzin	0.00	198	0	N.D.		
16) Metolachlor	24.57	162	5581	0.00	ug/L #	38
17) Butachlor	0.00	160	0	N.D.	d	
18) 4,4'-DDE	0.00	246	0	N.D.		
22) Bis (2-Ethylhexyl) adipate	29.52	129	23382	0.40	ug/L #	1
23) Bis (2-Ethylhexyl) phthala	30.96	149	918070	0.79	ug/L	99
24) Benzo (a) pyrene	0.00	252	0	N.D.	d	

(#) = qualifier out of range (m) = manual integration
27112.D 121401.M Wed Dec 19 13:46:18 2001 Page 1

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\121801\27112.D Vial: 17
Acq On : 19 Dec 2001 7:54 am Operator: McLean
Sample : 12/7 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Dec 19 13:46 2001 Quant Results File: 121401.RES

Method : C:\MSDCHEM\1\5973N\121401.M (RTE Integrator)
Title : Quantitation For Method 525.2
Last Update : Tue Dec 18 09:35:41 2001
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\121901\27112FB.D Vial: 33
Acq On : 20 Dec 2001 1:19 pm Operator: McLean
Sample : 12/17 fblks Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Dec 20 13:56:04 2001 Quant Results File: 121401.RES

Quant Method : C:\MSDCHEM\1\5973N\121401.M (RTE Integrator)
Title : Quantitation For Method 525.2
Last Update : Tue Dec 18 09:35:41 2001
Response via : Initial Calibration
DataAcq Meth : 121401

FB for 27112

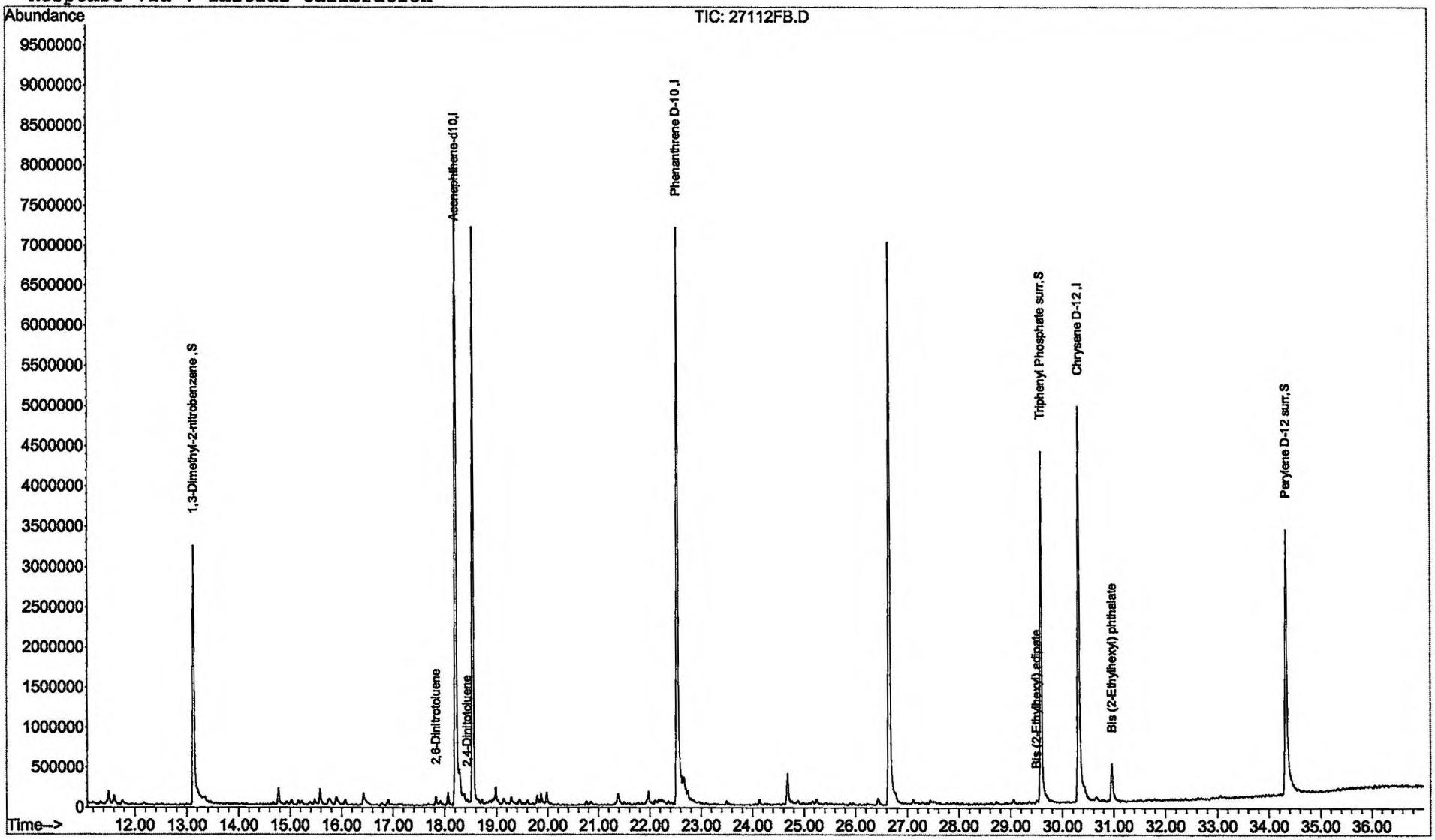
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Acenaphthene-d10	18.21	164	4761015	5.00	ug/L	0.00
9) Phenanthrene D-10	22.53	188	6569143	5.00	ug/L	0.00
20) Chrysene D-12	30.30	240	4350756	5.00	ug/L	0.00
System Monitoring Compounds						
2) 1,3-Dimethyl-2-nitrobenzen	13.13	134	1103153	4.53	ug/L	0.00
Spiked Amount 5.000			Recovery =	90.60%		
19) Triphenyl Phosphate surr	29.58	326	1102930	5.52	ug/L	0.00
Spiked Amount 5.000			Recovery =	110.40%		
21) Perylene D-12 surr	34.32	264	2818128	4.90	ug/L	0.00
Spiked Amount 5.000			Recovery =	98.00%		
Target Compounds						Qvalue
3) Hexachlorocyclopentadiene	0.00	237	0	N.D.		
4) Hexachlorobenzene	0.00	284	0	N.D.		
5) EPTC	0.00	128	0	N.D.		
6) 2,6-Dinitrotoluene	17.82	165	27608	0.42	ug/L #	38
7) 2,4-Dinitotoluene	18.44	165	1570	0.31	ug/L	88
8) Molinate	0.00	126	0	N.D.		
10) Simazine	0.00	201	0	N.D.		
11) Atrazine	0.00	200	0	N.D.		
12) Alachlor	0.00	160	0	N.D.		
13) Terbacil	0.00	161	0	N.D. d		
14) Acetochlor	0.00	146	0	N.D.		
15) Metribuzin	0.00	198	0	N.D.		
16) Metolachlor	0.00	162	0	N.D.		
17) Butachlor	0.00	160	0	N.D. d		
18) 4,4'-DDE	0.00	246	0	N.D.		
22) Bis (2-Ethylhexyl) adipate	29.51	129	7260	0.39	ug/L #	1
23) Bis (2-Ethylhexyl) phthala	30.96	149	436986	0.69	ug/L	96
24) Benzo (a) pyrene	0.00	252	0	N.D. d		

(#) = qualifier out of range (m) = manual integration
27112FB.D 121401.M Wed Jan 02 09:22:28 2002 Page 1

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\121901\27112FB.D Vial: 33
Acq On : 20 Dec 2001 1:19 pm Operator: McLean
Sample : 12/17 fblks Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Jan 2 9:22 2002 Quant Results File: 121401.RES

Method : C:\MSDCHEM\1\5973N\121401.M (RTE Integrator)
Title : Quantitation For Method 525.2
Last Update : Tue Dec 18 09:35:41 2001
Response via : Initial Calibration



Comments for Sample AD27112 - Analysis $525

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 01-04-2002 Time: 11:54:33

The recoveries for 5 of the 8 compounds in the LCS Standard were outside of their acceptance ranges. The recoveries for 4 of the 18 compounds in the Spiked Sample were outside of their acceptance ranges. The breakdown for Endrin in the Breakdown Standard was 49%.