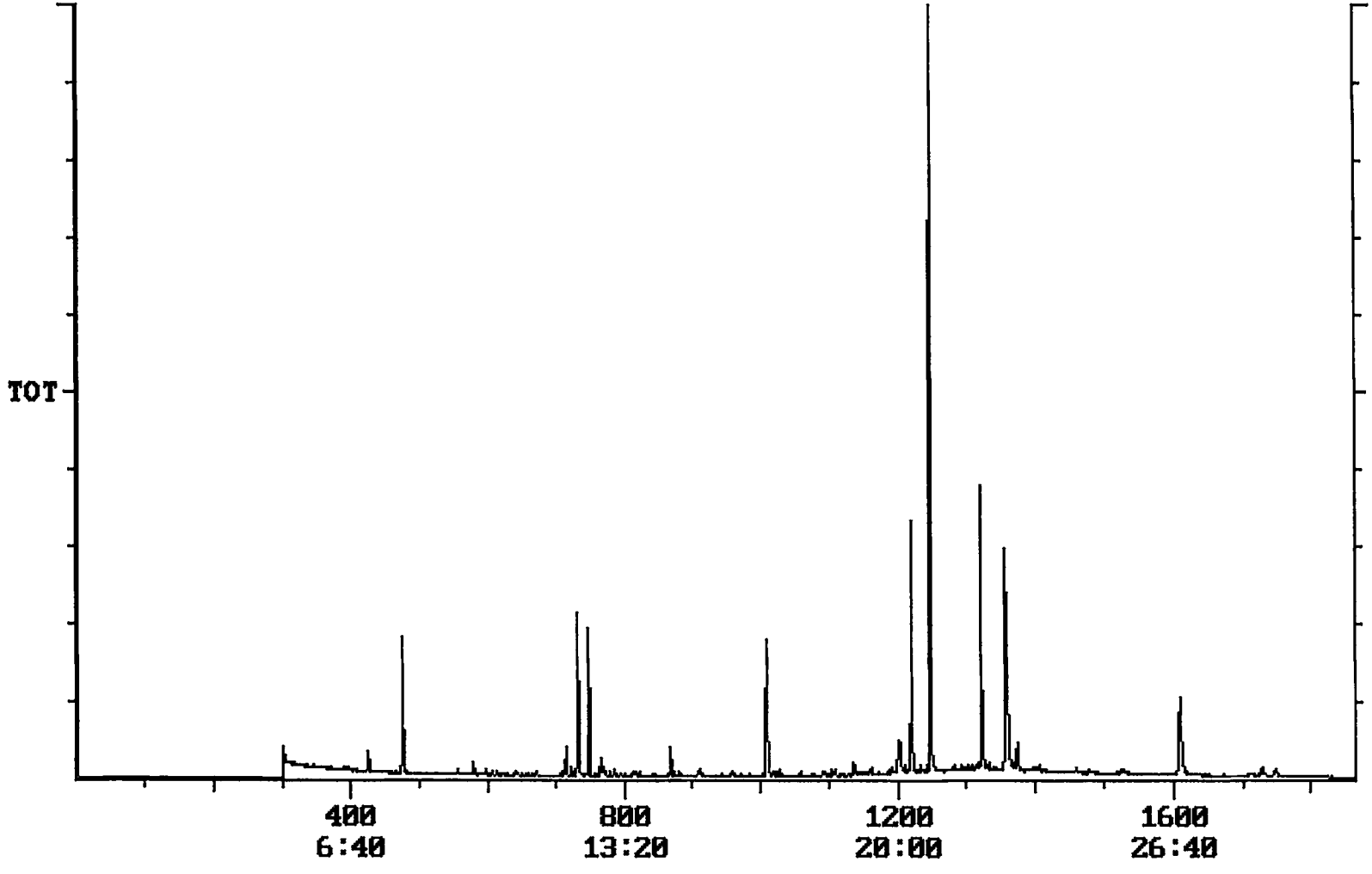
User: Bohlk, Ted
Westchester Dept. of Labs & Research
Date: 01/03/2002 Time: 15:24:02

Sample: AD27113
Analysis: S525 Organic Chemicals - 525.2
Units: ug
Started: 11/14/01 15:22 Ended: 12/1/01 15:22 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		4.4		1.0
20	Surr_Triphenyl phosphate		5.1		1.0
21	Surr_Perylene-d12		6.0		1.0

Chromatogram Plot File: F:\27113M Date: Dec-01-1991 22:43:18
Comment: BOHLK; METHOD 525; INST 204; 12/01/01; SAMPLE 27113
Scan No: 1 Retention Time: 0:01 RIC: 0 Mass Range: 0 - 0
Plotted: 1 to 1860 Range: 1 to 1860 100% = 19417906



Integration Report Quanfile: 27113M Quan Entries: 18
Comment: BOHLK; METHOD 525; INST 204; 12/01/01; SAMPLE 27113
Sorted via: Entry Number ↑

No	Name of Compound	R Time	Scan#	Mode	Peak Area	Pk Height
1	acenaphthene d-10(IS)	12:13	733	Auto	2,018,290	999,236
2	phenanthrene d-10 (IS)	16:49	1009	Auto	3,333,623	1,114,028
3	chrysene d-12(IS)	22:36	1356	Auto	3,011,544	1,428,885
4	p-terphenyl d-14(IS)	20:47	1247	Auto	11,017,873	6,963,106
5	acenaphthene d-10(SURR	12:13	733	Auto	2,018,290	999,236
6	phenanthrene d-10(SURR	16:49	1009	Auto	3,333,623	1,114,028
7	chrysene d-12 (SURR)	22:36	1356	Auto	3,011,544	1,428,885
8	1,3-dimethyl-2-nitrobe	7:54	474	Auto	1,067,266	554,658
9	triphenyl phosphate (S	22:01	1321	Auto	1,705,140	943,313
10	perylene d-12 (SURR)	26:50	1610	Auto	2,074,668	460,891
11	simazine	16:03	963	Auto	0	0
12	bis(2-ethylhexyl)adipa	22:01	1321	Auto	40,575	12,784
13	bis(2-ethylhexyl)phtha	22:53	1373	Auto	436,998	202,001
14	benzo(a)pyrene	26:36	1596	Auto	88,378	15,105
15	2,6-dinitrotoluene	11:53	713	Auto	86,636	44,549
16	2,4-dinitrotoluene	13:02	782	Auto	4,913	1,191
17	butachlor	20:18	1218	Auto	925	925
18	4,4'-dde	20:42	1242	Auto	2,805	1,853

reviewed IS/surr's

Quantitation Report Quanfile: 27113M Quan Entries: 18
Comment: BOHLK; METHOD 525; INST 204; 12/01/01; SAMPLE 27113
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	733	12:13	BV	5.000	UG/L
2	phenanthrene d-10 (IS)	I	1009	16:49	BV	5.000	UG/L
3	chrysene d-12(IS)	I	1356	22:36	BB	5.000	UG/L
4	p-terphenyl d-14(IS)	I	1247	20:47	BB	5.000	UG/L
5	acenaphthene d-10(SURR	A	733	12:13	BV	1.209	UG/L
6	phenanthrene d-10(SURR	A	1009	16:49	BV	1.389	UG/L
7	chrysene d-12 (SURR)	A	1356	22:36	BB	1.633	UG/L
8	1,3-dimethyl-2-nitrobe	A	474	7:54	BV	4.407	UG/L
9	triphenyl phosphate (S	A	1321	22:01	BB	5.107	UG/L
10	perylene d-12 (SURR)	A	1610	26:50	BB	5.967	UG/L
13	simazine	A	963	16:03	BB	0.001	UG/L
16	bis(2-ethylhexyl)adipa	A	1321	22:01	MM	0.060	UG/L
17	bis(2-ethylhexyl)phtha	A	1373	22:53	BB	0.391	UG/L
18	benzo(a)pyrene	A	1596	26:36	BB	0.137	UG/L
20	2,6-dinitrotoluene	A	713	11:53	BB	0.734	UG/L
21	2,4-dinitrotoluene	A	782	13:02	MM	0.037	UG/L
27	butachlor	A	1218	20:18	BB	0.004	UG/L
28	4,4'-dde	A	1242	20:42	BB	0.011	UG/L

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\120601\27113.D Vial: 31
Acq On : 7 Dec 2001 3:50 pm Operator: McLean
Sample : 11/14 sample Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Dec 12 12:35:56 2001 Quant Results File: 120501.RES

Quant Method : C:\MSDCHEM\1\5973N\120501.M (RTE Integrator)
Title : Quantitation For Method 525.2
Last Update : Thu Dec 06 10:31:04 2001
Response via : Initial Calibration
DataAcq Meth : 120501

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Acenaphthene-d10	18.32	164	5230704	5.00 ug/L	0.00
9) Phenanthrene D-10	22.65	188	9009383	5.00 ug/L	0.00
20) Chrysene D-12	30.43	240	5936938	5.00 ug/L	0.00
System Monitoring Compounds					
2) 1,3-Dimethyl-2-nitrobenzen	13.23	134	997198	3.59 ug/L	0.00
Spiked Amount 5.000			Recovery =	71.80%	
19) Triphenyl Phosphate surr	29.70	326	1880083	6.02 ug/L	0.00
Spiked Amount 5.000			Recovery =	120.40%	
21) Perylene D-12 surr	34.45	264	3772844	4.53 ug/L	0.00
Spiked Amount 5.000			Recovery =	90.60%	
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	0.00	165	0	N.D. d	
7) 2,4-Dinitotoluene	0.00	165	0	N.D. d	
8) Molinate	19.23	126	6538	N.D.	
10) Simazine	0.00	201	0	N.D.	
11) Atrazine	0.00	200	0	N.D.	
12) Alachlor	23.71	160	9820	N.D.	
13) Terbacil	22.65	161	97496	0.25 ug/L #	1
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. d	
22) Bis (2-Ethylhexyl) adipate	29.62	129	17127	0.13 ug/L #	1
23) Bis (2-Ethylhexyl) phthala	31.07	149	784258	0.69 ug/L	99
24) Benzo (a) pyrene	34.30	252	72296	0.26 ug/L	88

original

27113

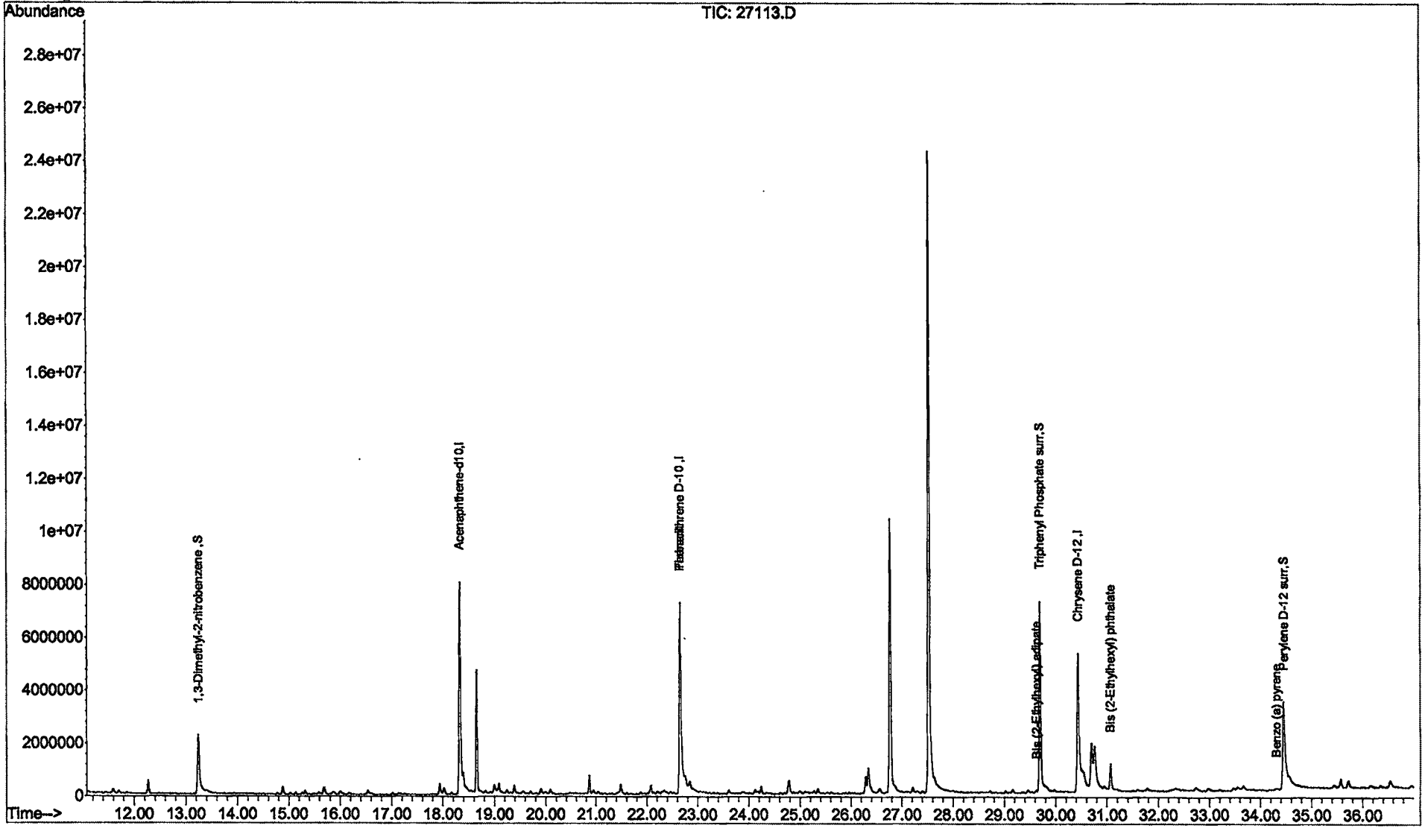
Re-inject

(#) = qualifier out of range (m) = manual integration
27113.D 120501.M Wed Dec 12 12:38:02 2001

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\120601\27113.D Vial: 31
Acq On : 7 Dec 2001 3:50 pm Operator: McLean
Sample : 11/14 sample Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Dec 12 12:37 2001 Quant Results File: 120501.RES

Method : C:\MSDCHEM\1\5973N\120501.M (RTE Integrator)
Title : Quantitation For Method 525.2
Last Update : Thu Dec 06 10:31:04 2001
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\121801\27113.D Vial: 18
Acq On : 19 Dec 2001 8:39 am Operator: McLean
Sample : 12/7 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Dec 19 09:16:22 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

27113

Re-ext

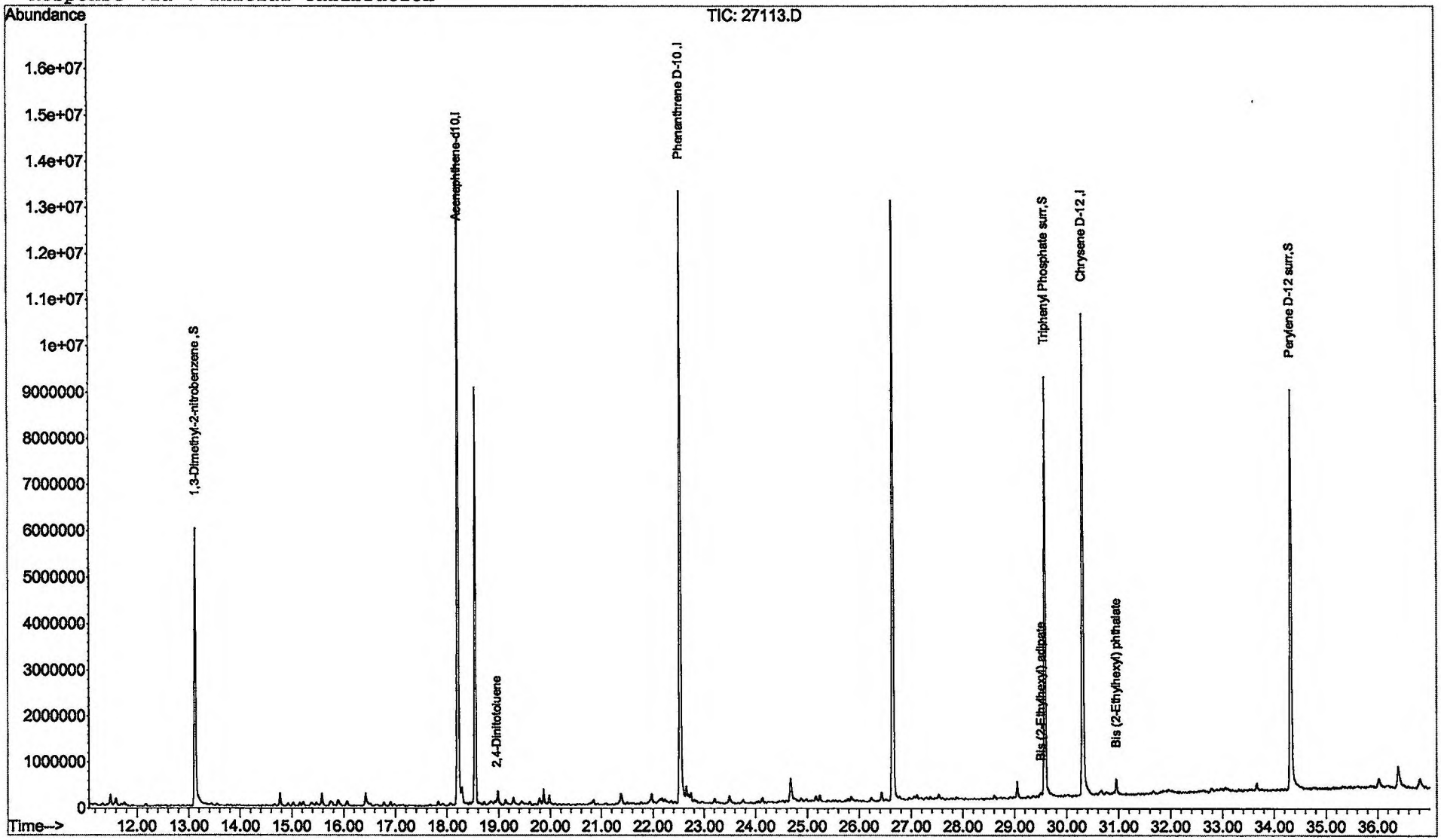
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Acenaphthene-d10	18.21	164	7306562	5.00	ug/L	0.00
9) Phenanthrene D-10	22.53	188	10908435	5.00	ug/L	0.00
20) Chrysene D-12	30.30	240	7672352	5.00	ug/L	0.00
System Monitoring Compounds						
2) 1,3-Dimethyl-2-nitrobenzen	13.13	134	1834803	4.91	ug/L	0.00
Spiked Amount 5.000			Recovery =	98.20%		
19) Triphenyl Phosphate surr	29.58	326	2093602	6.31	ug/L	0.00
Spiked Amount 5.000			Recovery =	126.20%		
21) Perylene D-12 surr	34.31	264	5780483	5.70	ug/L	0.00
Spiked Amount 5.000			Recovery =	114.00%		
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	0.00	165	0	N.D. d		
7) 2,4-Dinitotoluene	18.95	165	3988	0.32	ug/L #	21
8) Molinate	0.00	126	0	N.D. 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	29.50	129	15898	0.40	ug/L #	4
23) Bis (2-Ethylhexyl) phthala	30.96	149	242482	0.48	ug/L	88
24) Benzo (a) pyrene	0.00	252	0	N.D. d		

(#) = qualifier out of range (m) = manual integration
27113.D 121401.M Wed Dec 19 13:46:53 2001 Page 1

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\121801\27113.D Vial: 18
Acq On : 19 Dec 2001 8:39 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\27113FB.D Vial: 34
Acq On : 20 Dec 2001 2:04 pm Operator: McLean
Sample : 12/17 fblks Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Dec 20 14:41:11 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

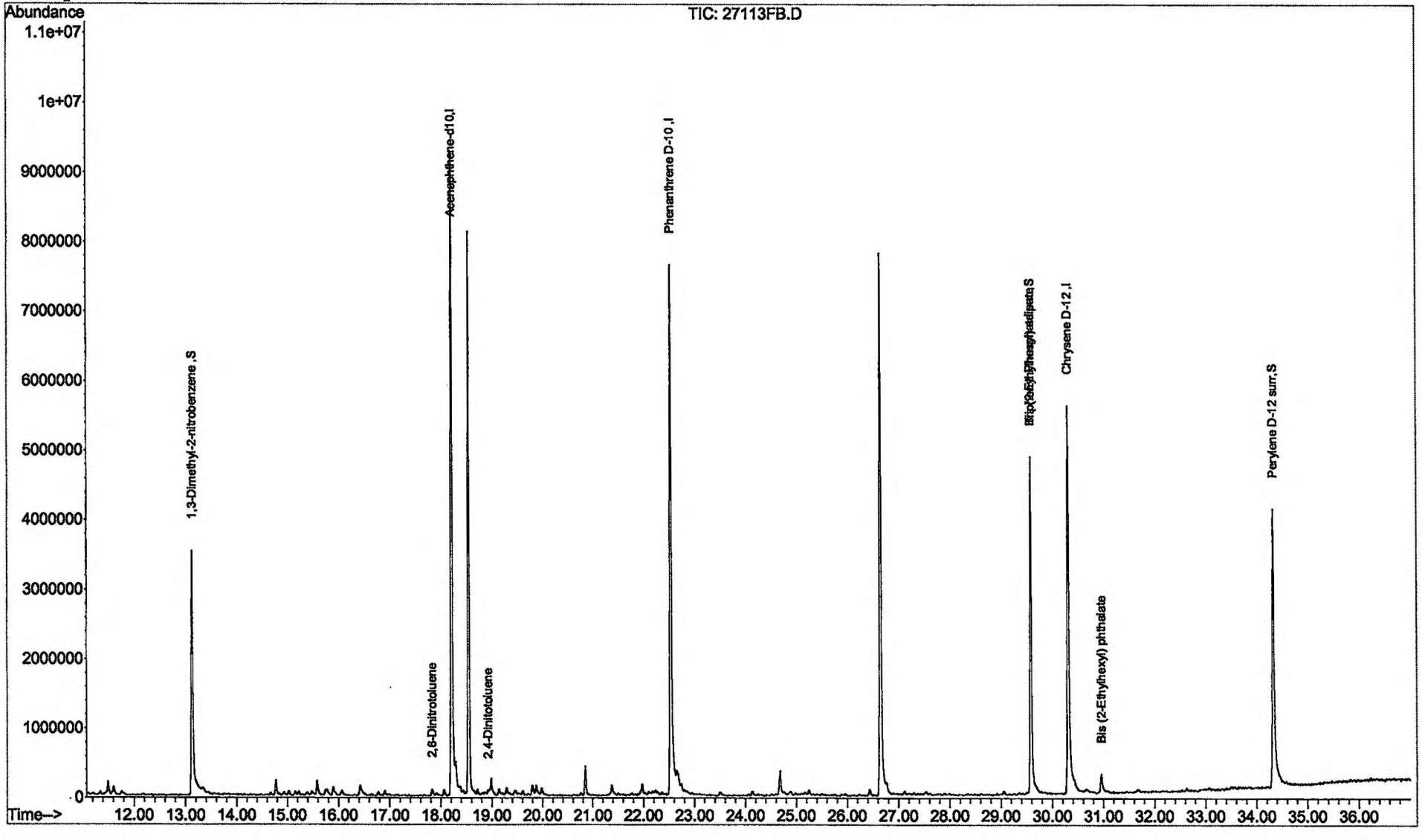
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Acenaphthene-d10	18.21	164	5220233	5.00	ug/L	0.00
9) Phenanthrene D-10	22.53	188	7115038	5.00	ug/L	0.00
20) Chrysene D-12	30.30	240	4791149	5.00	ug/L	0.00
System Monitoring Compounds						
2) 1,3-Dimethyl-2-nitrobenzen	13.13	134	1202704	4.50	ug/L	0.00
Spiked Amount 5.000			Recovery =	90.00%		
19) Triphenyl Phosphate surr	29.58	326	1257020	5.81	ug/L	0.00
Spiked Amount 5.000			Recovery =	116.20%		
21) Perylene D-12 surr	34.32	264	3193795	5.04	ug/L	0.00
Spiked Amount 5.000			Recovery =	100.80%		
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	22371	0.39	ug/L #	42
7) 2,4-Dinitotoluene	18.93	165	5138	0.32	ug/L	79
8) Molinate	0.00	126	0	N.D.	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	29.58	129	14828	0.40	ug/L #	1
23) Bis (2-Ethylhexyl) phthala	30.96	149	253187	0.54	ug/L	87
24) Benzo (a) pyrene	0.00	252	0	N.D.	d	

FB
for
27113

(#) = qualifier out of range (m) = manual integration
27113FB.D 121401.M Wed Jan 02 09:23:05 2002 Page 1

Data File : C:\MSDCHEM\1\DATA\121901\27113FB.D Vial: 34
Acq On : 20 Dec 2001 2:04 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 AD27113 - Analysis $525

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 01-04-2002 Time: 11:55:22

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%.