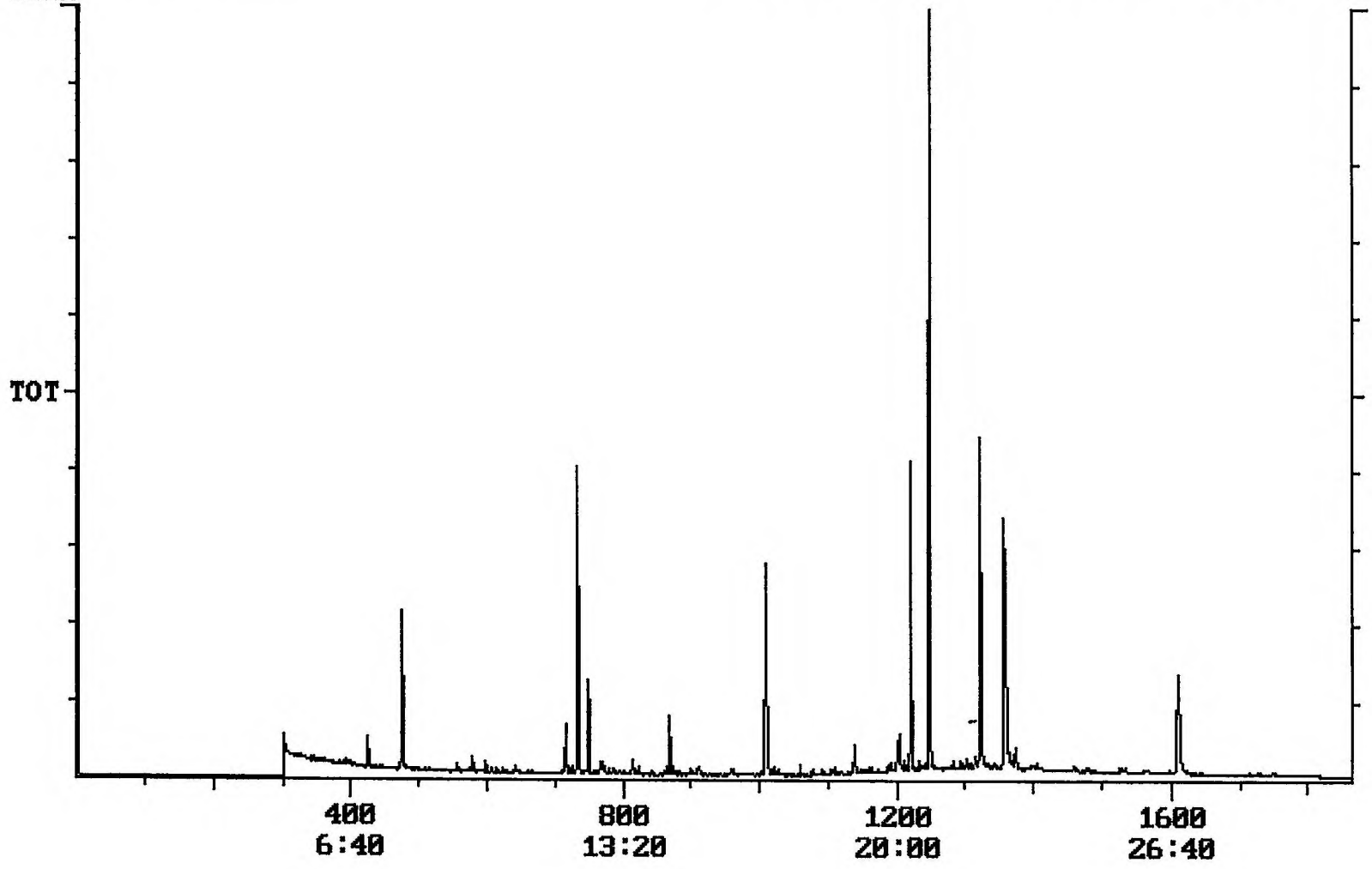
User: Bohlk, Ted
Westchester Dept. of Labs & Research
Date: 01/03/2002 Time: 15:25:13

Sample: AD27114
Analysis: S525 Organic Chemicals - 525.2
Units: ug
Started: 11/14/01 15:24 Ended: 12/1/01 15:24 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		3.8		1.0
20	Surr_Triphenyl phosphate		5.0		1.0
21	Surr_Perylene-d12		6.2		1.0

Chromatogram Plot File: F:\27114N Date: Dec-01-1991 23:17:46
Comment: BOHLK; METHOD 525; INST 204; 12/01/01; SAMPLE 27114
Scan No: 1 Retention Time: 0:01 RIC: 0 Mass Range: 0 - 0
Plotted: 1 to 1860 Range: 1 to 1860 100% = 13355000



Integration Report Quanfile: 27114N Quan Entries: 17
Comment: BOHLK; METHOD 525; INST 204; 12/01/01; SAMPLE 27114
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	2,167,784	1,362,310
2	phenanthrene d-10 (IS)	16:49	1009	Auto	3,050,583	1,249,898
3	chrysene d-12(IS)	22:36	1356	Auto	2,630,367	1,218,460
4	p-terphenyl d-14(IS)	20:47	1247	Auto	6,348,112	4,661,409
5	acenaphthene d-10(SURR	12:13	733	Auto	2,167,784	1,362,310
6	phenanthrene d-10(SURR	16:49	1009	Auto	3,050,583	1,249,898
7	chrysene d-12 (SURR)	22:36	1356	Auto	2,630,367	1,218,460
8	1,3-dimethyl-2-nitrobe	7:55	475	Auto	984,607	453,426
9	triphenyl phosphate (S	22:02	1322	Auto	1,471,274	737,364
10	perylene d-12 (SURR)	26:50	1610	Auto	1,881,304	406,861
11	simazine	16:04	964	Auto	0	0
12	bis(2-ethylhexyl)adipa	22:02	1322	Auto	32,244	13,162
13	bis(2-ethylhexyl)phtha	22:53	1373	Auto	260,079	100,909
14	benzo(a)pyrene	26:36	1596	Auto	93,902	14,117
15	2,6-dinitrotoluene	11:53	713	Auto	100,343	56,363
16	2,4-dinitrotoluene	13:03	783	Auto	2,673	1,384
17	butachlor	20:20	1220	Auto	3,873	3,009

Quantitation Report Quanfile: 27114N Quan Entries: 17
Comment: BOHLK; METHOD 525; INST 204; 12/01/01; SAMPLE 27114
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	BB	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	BV	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	BB	2.253	UG/L
6	phenanthrene d-10(SURR	A	1009	16:49	BV	2.206	UG/L
7	chrysene d-12 (SURR)	A	1356	22:36	BV	2.475	UG/L
8	1,3-dimethyl-2-nitrobe	A	475	7:55	BV	3.786	UG/L
9	triphenyl phosphate (S	A	1322	22:02	BV	5.046	UG/L
10	perylene d-12 (SURR)	A	1610	26:50	BB	6.195	UG/L
13	simazine	A	964	16:04	BB	0.001	UG/L
16	bis(2-ethylhexyl)adipa	A	1322	22:02	MM	0.054	UG/L
17	bis(2-ethylhexyl)phtha	A	1373	22:53	BV	0.265	UG/L
18	benzo(a)pyrene	A	1596	26:36	MM	0.167	UG/L
20	2,6-dinitrotoluene	A	713	11:53	BB	0.791	UG/L
21	2,4-dinitrotoluene	A	783	13:03	BB	0.019	UG/L
27	butachlor	A	1220	20:20	BB	0.018	UG/L

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\121801\27114.D Vial: 19
Acq On : 19 Dec 2001 9:24 am Operator: McLean
Sample : 12/7 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Dec 19 10:01:19 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

27114

Re-ext

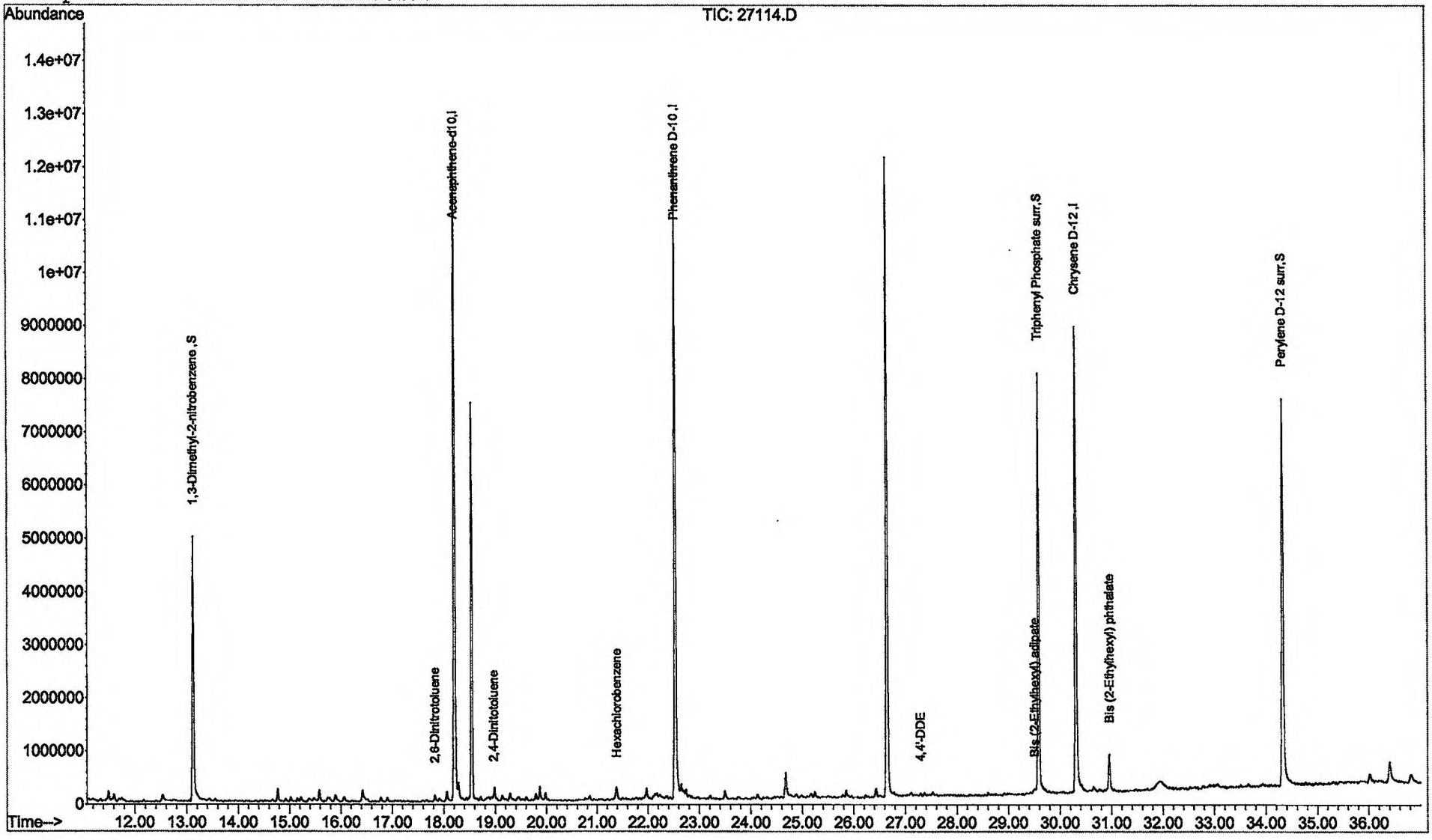
Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Acenaphthene-d10	18.20	164	6287706	5.00 ug/L	0.00
9) Phenanthrene D-10	22.53	188	9730932	5.00 ug/L	0.00
20) Chrysene D-12	30.30	240	6654255	5.00 ug/L	0.00
System Monitoring Compounds					
2) 1,3-Dimethyl-2-nitrobenzen	13.13	134	1513600	4.71 ug/L	0.00
Spiked Amount 5.000			Recovery =	94.20%	
19) Triphenyl Phosphate surr	29.58	326	1821297	6.15 ug/L	0.00
Spiked Amount 5.000			Recovery =	123.00%	
21) Perylene D-12 surr	34.31	264	5028976	5.72 ug/L	0.00
Spiked Amount 5.000			Recovery =	114.40%	
Target Compounds					Qvalue
3) Hexachlorocyclopentadiene	0.00	237	0	N.D.	
4) Hexachlorobenzene	21.40	284	5380	0.01 ug/L	91
5) EPTC	0.00	128	0	N.D.	
6) 2,6-Dinitrotoluene	17.82	165	26196	0.38 ug/L #	30
7) 2,4-Dinitotoluene	18.96	165	5533	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	27.30	246	5183	0.01 ug/L	81
22) Bis (2-Ethylhexyl) adipate	29.52	129	17581	0.40 ug/L #	5
23) Bis (2-Ethylhexyl) phthala	30.96	149	546970	0.63 ug/L	96
24) Benzo (a) pyrene	0.00	252	0	N.D. d	

(#) = qualifier out of range (m) = manual integration
27114.D 121401.M Wed Dec 19 13:48:32 2001 Page 1

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\121801\27114.D Vial: 19
Acq On : 19 Dec 2001 9:24 am Operator: McLean
Sample : 12/7 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Dec 19 13:48 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\120601\27114.D Vial: 30
Acq On : 7 Dec 2001 3:04 pm Operator: McLean
Sample : 11/14 sample Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Dec 12 12:38:18 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

original 27114 Re-injected

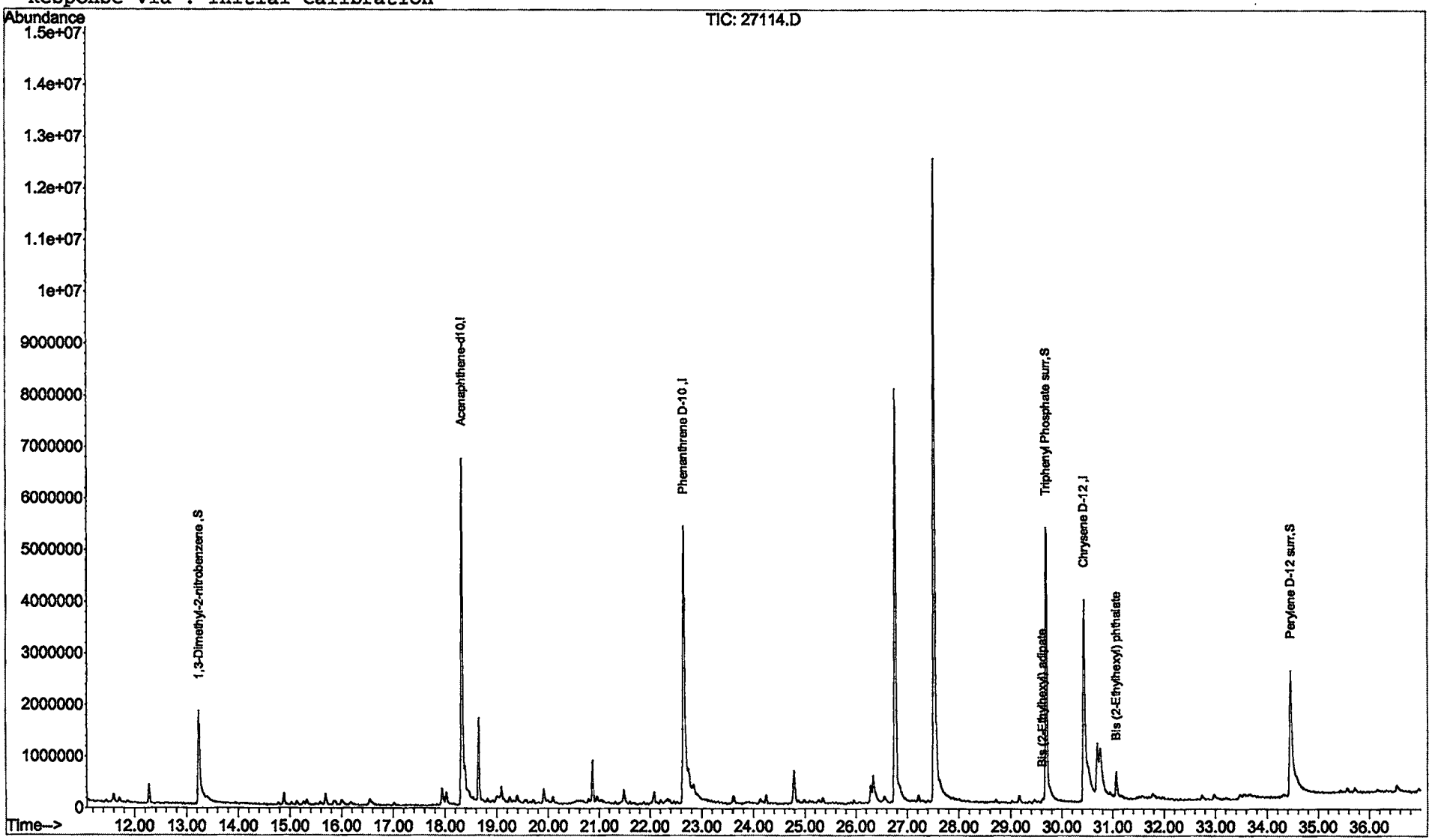
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Acenaphthene-d10	18.32	164	4535096	5.00	ug/L	0.00
9) Phenanthrene D-10	22.65	188	7609074	5.00	ug/L	0.00
20) Chrysene D-12	30.43	240	4596252	5.00	ug/L	0.00
System Monitoring Compounds						
2) 1,3-Dimethyl-2-nitrobenzen	13.23	134	807652	3.36	ug/L	0.00
Spiked Amount 5.000			Recovery =	67.20%		
19) Triphenyl Phosphate surr	29.70	326	1477276	5.60	ug/L	0.00
Spiked Amount 5.000			Recovery =	112.00%		
21) Perylene D-12 surr	34.45	264	2998400	4.65	ug/L	0.00
Spiked Amount 5.000			Recovery =	93.00%		
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	0.00	165	0	N.D. d		
8) Molinate	19.08	126	12463	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	22.78	161	12291	N.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. d		
22) Bis (2-Ethylhexyl) adipate	29.62	129	21816	0.14	ug/L #	1
23) Bis (2-Ethylhexyl) phthala	31.07	149	417759	0.53	ug/L	92
24) Benzo (a) pyrene	0.00	252	0	N.D. d		

(#) = qualifier out of range (m) = manual integration
27114.D 120501.M Wed Dec 12 12:41:44 2001 Page 1

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\120601\27114.D Vial: 30
Acq On : 7 Dec 2001 3:04 pm Operator: McLean
Sample : 11/14 sample Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Dec 12 12:41 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\121901\27114FB.D Vial: 35
Acq On : 20 Dec 2001 2:49 pm Operator: McLean
Sample : 12/17 fblks Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Dec 20 15:26:20 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	5563971	5.00 ug/L	0.00
9) Phenanthrene D-10	22.53	188	8233938	5.00 ug/L	0.00
20) Chrysene D-12	30.30	240	5373876	5.00 ug/L	0.00
System Monitoring Compounds					
2) 1,3-Dimethyl-2-nitrobenzen	13.13	134	1273513	4.48 ug/L	0.00
Spiked Amount 5.000			Recovery =	89.60%	
19) Triphenyl Phosphate surr	29.58	326	1498037	5.98 ug/L	0.00
Spiked Amount 5.000			Recovery =	119.60%	
21) Perylene D-12 surr	34.31	264	3751027	5.28 ug/L	0.00
Spiked Amount 5.000			Recovery =	105.60%	
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	17.82	165	12124	0.34 ug/L #	43
7) 2,4-Dinitotoluene	18.93	165	1366	0.31 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	29.52	129	14070	0.40 ug/L #	12
23) Bis (2-Ethylhexyl) phthala	30.96	149	604397	0.72 ug/L	98
24) Benzo (a) pyrene	0.00	252	0	N.D. d	

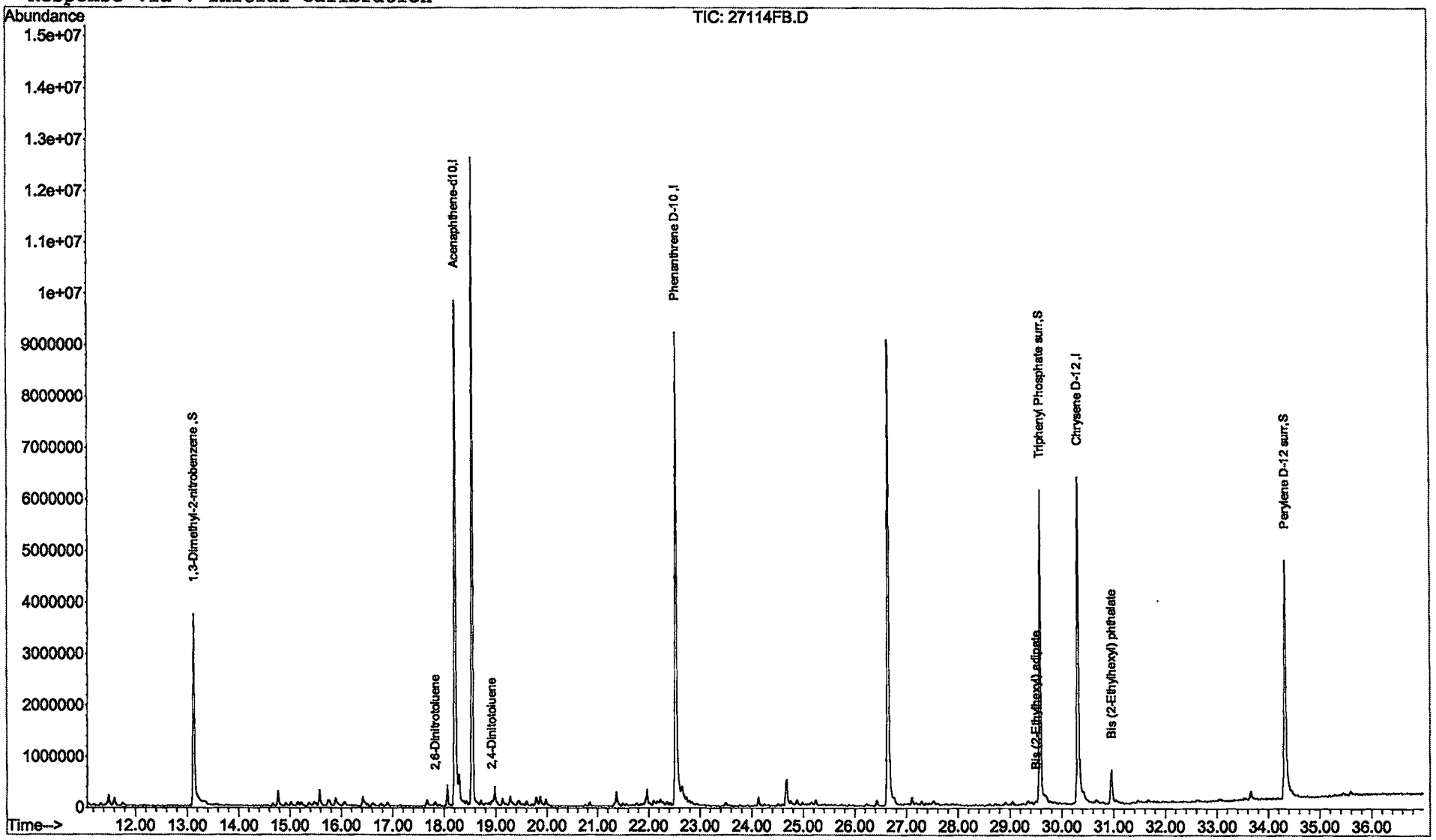
FB for 27114

(#) = qualifier out of range (m) = manual integration
27114FB.D 121401.M Wed Jan 02 09:24:40 2002 Page 1

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\121901\27114FB.D Vial: 35
Acq On : 20 Dec 2001 2:49 pm Operator: McLean
Sample : 12/17 fblks Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Jan 2 9:24 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 AD27114 - Analysis $525

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 01-04-2002 Time: 11:56:15

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%.