

dup was done on a sample
from another client. All
yours were clean

User: Vannelli, Sandy
 Westchester Dept. of Labs & Research
 Date: 11/23/2001 Time: 17:21:31

Sample: AD28269
 Analysis: SQ_524 Volatile Organic Compounds-Reference Rec
 Units: ug
 Started: 11/20/01 11:30 Ended: 11/21/01 11:30 Analyst: WB
 Result source: manual entry
 Page: 1

	Component Name	Viol	Result	MDL
1	Surr - 1,2-DICHLOROETHANE-D		5.1 ✓	.5
2	Surr - 4-BROMOFLUOROBENZE		4.9 ✓	.5
3	Dichlorodifluoromethane		110	.5
4	Chloromethane		100	.5
5	Vinyl chloride		87.5	.5
6	Bromomethane		95	.5
7	Chloroethane		92.5	.5
8	Trichlorofluoromethane		97.5	.5
9	1,1-Dichloroethene		87.5	.5
10	Methylene Chloride		85	.5
11	Methyl tert butyl ether		100	1.0
12	trans-1,2-dichloroethene		95	.5
13	1,1-dichloroethane		90	.5
14	2-butanone (MEK)		87.5	2.0
15	2,2-dichloropropane		95	.5
16	cis-1,2-dichloroethene		97.5	.5
17	Chloroform		90	.5
18	Bromochloromethane		92.5	.5
19	1,2-dichloroethane		97.5	.5
20	Surr - TOLUENE-D8		4.7 ✓	.5
21	1,1,1-trichloroethane		90	.5
22	1,1-dichloropropene		102.5	.5
23	Carbon tetrachloride		92.5	.5
24	Benzene		97.5	.5
25	Trichloroethene		97.5	.5
26	1,2-dichloropropane		97.5	.5
27	Dibromomethane		100	.5
28	Bromodichloromethane		100	.5
29	Methyl Iso-butyl ketone		102.5	1.0
30	cis-1,3-dichloropropene		112.5	.5
31	Toluene		97.5	.5
32	trans-1,3-dichloropropene		122.5	.5
33	1,1,2-trichloroethane		97.5	.5
34	Tetrachloroethene		95	.5
35	1,3-dichloropropane		102.5	.5
36	Dibromochloromethane		107.5	2.0
37	Chlorobenzene		95	.5
38	1,1,1,2-tetrachloroethane		100	.5
39	Ethylbenzene		100	.5
40	P & M-xylene		101.25	.5
41	O-xylene		110	.5
42	Styrene		110	.5
43	1,1,2,2-tetrachloroethane		100	.5
44	Bromoform		105	2.0
45	Isopropylbenzene		105	.5
46	1,2,3-trichloropropane		92.5	.5
47	N-propylbenzene		97.5	.5

User: Vannelli, Sandy
Westchester Dept. of Labs & Research
Date: 11/23/2001 Time: 17:21:31

Sample: AD28269
Analysis: SQ_524 Volatile Organic Compounds-Reference Rec
Units: ug
Started: 11/20/01 11:30 Ended: 11/21/01 11:30 Analyst: WB
Result source: manual entry
Page: 2

	Component Name	Viol	Result	MDL
48	Bromobenzene		100	.5
49	1,3,5-trimethylbenzene		105	.5
50	2-chlorotoluene		97.5	.5
51	4-chlorotoluene		100	.5
52	TERT-butylbenzene		102.5	.5
53	1,2,4-trimethylbenzene		102.5	.5
54	SEC-butylbenzene		102.5	.5
55	P-isopropyltoluene		107.5	.5
56	1,3-dichlorobenzene		97.5	.5
57	1,4-dichlorobenzene		90	.5
58	N-butylbenzene		102.5	.5
59	1,2-dichlorobenzene		100	.5
60	1,2,4-trichlorobenzene		110	.5
61	Hexachlorobutadiene		92.5	.5
62	Naphthalene		125	.5
63	1,2,3-trichlorobenzene		110	.5

User: Vannelli, Sandy
 Westchester Dept. of Labs & Research
 Date: 11/23/2001 Time: 17:21:44

Sample: AD28269

Analysis: \$RE524 Reference recovery for 524

Units: ug

Started: 11/20/01 00:01 Ended: 11/21/01 00:01 Analyst: WB

Result source: a:\1120r40.rr

Page: 1

	Component Name	Viol	Result	MDL
1	1,2-DICHLOROETHANE-D4		5.1	
2	4-BROMOFLUOROBENZENE		4.9	
3	DICHLORODIFLUOROMETHANE		44	.5
4	CHLOROMETHANE		40	.5
5	VINYL CHLORIDE		35	.5
6	BROMOMETHANE		38	.5
7	CHLOROETHANE		37	.5
8	TRICHLOROFLUOROMETHANE		39	.5
9	ACETONE		26	.5
10	1,1-DICHLOROETHENE		35	.5
11	METHYLENE CHLORIDE		34	.5
12	METHYL TERT BUTYL ETHER		40	1
13	TRANS-1,2-DICHLOROETHENE		38	.5
14	1,1-DICHLOROETHANE		36	.5
15	2-BUTANONE (MEK)		35	.5
16	2,2-DICHLOROPROPANE		38	.5
17	CIS-1,2-DICHLOROETHENE		39	.5
18	CHLOROFORM		36	.5
19	BROMOCHLOROMETHANE		37	.5
20	1,2-DICHLOROETHANE		39	.5
21	TOLUENE-D8		4.7	
22	1,1,1-TRICHLOROETHANE		36	.5
23	1,1-DICHLOROPROPENE		41	.5
24	CARBON TETRACHLORIDE		37	.5
25	BENZENE		39	.5
26	TRICHLOROETHENE		39	.5
27	1,2-DICHLOROPROPANE		39	.5
28	DIBROMOMETHANE		40	.5
29	BROMODICHLOROMETHANE		40	.5
30	2-CHLOROETHYL VINYL ETHER		46	.5
31	METHYL ISO-BUTYL KETONE		41	1
32	CIS-1,3-DICHLOROPROPENE		45	.5
33	TOLUENE		39	.5
34	TRANS-1,3-DICHLOROPROPENE		49	.5
35	1,1,2-TRICHLOROETHANE		39	.5
36	TETRACHLOROETHENE		38	.5
37	1,3-DICHLOROPROPANE		41	.5
38	DIBROMOCHLOROMETHANE		43	2
39	1,2-DIBROMOETHANE		43	.5
40	CHLOROBENZENE		38	.5
41	1,1,1,2-TETRACHLOROETHANE		40	.5
42	2-HEXANONE		40	.5
43	ETHYLBENZENE		40	.5
44	P & M-XYLENE		81	.5
45	O-XYLENE		44	.5
46	STYRENE		44	.5
47	1,1,2,2-TETRACHLOROETHANE		40	.5

User: Vannelli, Sandy
Westchester Dept. of Labs & Research
Date: 11/23/2001 Time: 17:21:44

Sample: AD28269
Analysis: SRE524 Reference recovery for 524
Units: ug
Started: 11/20/01 00:01 Ended: 11/21/01 00:01 Analyst: WB
Result source: a:\1120r40.rr
Page: 2

	Component Name	Viol	Result	MDL
48	BROMOFORM		42	2
49	ISOPROPYLBENZENE		42	.5
50	1,2,3-TRICHLOROPROPANE		37	.5
51	N-PROPYLBENZENE		39	.5
52	BROMOBENZENE		40	.5
53	1,3,5-TRIMETHYLBENZENE		42	.5
54	2-CHLOROTOLUENE		39	.5
55	4-CHLOROTOLUENE		40	.5
56	TERT-BUTYLBENZENE		41	.5
57	1,2,4-TRIMETHYLBENZENE		41	.5
58	SEC-BUTYLBENZENE		41	.5
59	P-ISOPROPYLTOLUENE		43	.5
60	1,3-DICHLOROBENZENE		39	.5
61	1,4-DICHLOROBENZENE		36	.5
62	N-BUTYLBENZENE		41	.5
63	1,2-DICHLOROBENZENE		40	.5
64	1,2-DIBROMO-3-CHLOROPROPA		49	.5
65	1,2,4-TRICHLOROBENZENE		44	.5
66	HEXACHLOROBUTADIENE		37	.5
67	NAPHTHALENE		50	.5
68	1,2,3-TRICHLOROBENZENE		44	.5
69	ETHANOL		< MDL	30

Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\01NOV20\1120R40.D
 Acq On : 20 Nov 2001 11:23 am
 Sample : ref 40
 Misc : November 20, 2001
 MS Integration Params: LSCINT.P
 Quant Time: Nov 21 9:31 2001

Vial: 4
 Operator: 201-wb
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Results File: HP110701.RES

Quant Method : C:\HPCHEM\1\METHODS\HP110701.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Last Update : Thu Nov 08 08:26:02 2001
 Response via : Initial Calibration
 DataAcq Meth : HP110701

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.16	114	820037	5.00	ug/L	0.04
24) CHLOROBENZENE-D5	21.81	117	746467	5.00	ug/L	0.04
52) 1,4-DICHLOROBENZENE-D4	26.99	152	411865	5.00	ug/L	0.04

System Monitoring Compounds

2) 1,2-DICHLOROETHANE-D4	14.39	65	535097	5.05	ug/L	0.04
Spiked Amount	5.000		Recovery	=	101.00%	
3) 4-BROMOFLUOROBENZENE	24.39	174	309081	4.91	ug/L	0.04
Spiked Amount	5.000		Recovery	=	98.20%	
25) TOLUENE-D8	18.50	98	964201	4.68	ug/L	0.04
Spiked Amount	5.000		Recovery	=	93.60%	

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) DICHLORODIFLUOROMETHANE	4.88	85	1187065	43.77	ug/L	97
5) CHLOROMETHANE	5.50	50	1162083	39.98	ug/L	97
6) VINYL CHLORIDE	5.59	62	971709	35.29	ug/L	99
7) BROMOMETHANE	6.61	94	931533	37.51	ug/L	97
8) CHLOROETHANE	6.74	64	804361	37.42	ug/L	98
9) TRICHLOROFLUOROMETHANE	7.32	101	2482320	38.57	ug/L	98
11) 1,1,2-Trichloro-1,2,2-trif	8.20	101	5807	0.14	ug/L	97
12) ACETONE	8.29	43	265476m	26.20	ug/L	
13) 1,1-DICHLOROETHENE	8.64	61	2094906	35.25	ug/L	98
14) METHYLENE CHLORIDE	9.65	49	2172228	34.14	ug/L	98
15) METHYL TERT BUTYL ETHER	9.95	73	1649846	40.22	ug/L	99
16) TRANS-1,2-DICHLOROETHENE	10.31	61	2244164	38.01	ug/L	99
17) 1,1-DICHLOROETHANE	11.22	63	2419988	35.87	ug/L	98
18) 2-BUTANONE (MEK)	12.04	43	388926	35.01	ug/L	94
19) 2,2-DICHLOROPROPANE	12.44	77	1928451	37.55	ug/L	97
20) CIS-1,2-DICHLOROETHENE	12.53	96	1338549	39.44	ug/L	99
21) CHLOROFORM	12.86	83	2817825	36.49	ug/L	98
22) BROMOCHLOROMETHANE	13.24	49	1341981	36.87	ug/L	95
23) 1,2-DICHLOROETHANE	14.58	62	2343509	39.06	ug/L	99
26) 1,1,1-TRICHLOROETHANE	13.76	97	2432453	36.02	ug/L	100
27) 1,1-DICHLOROPROPENE	14.08	75	2034576	41.49	ug/L	97
28) CARBON TETRACHLORIDE	14.34	117	2448683	36.93	ug/L	98
29) BENZENE	14.69	78	4888740	38.61	ug/L	99
30) TRICHLOROETHENE	15.96	95	1545433	39.05	ug/L	97
31) 1,2-DICHLOROPROPANE	16.31	63	1352856	38.66	ug/L	99
32) DIBROMOMETHANE	16.99	174	654452	39.69	ug/L	96
33) BROMODICHLOROMETHANE	16.83	83	2124500	40.24	ug/L	100
34) 2-CHLOROETHYL VINYL ETHER	17.32	63	515504	45.60	ug/L	92

(#) = qualifier out of range (m) = manual integration

1120R40.D HP110701.M Fri Nov 23 17:24:18 2001

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Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\01NOV20\1120R40.D
 Acq On : 20 Nov 2001 11:23 am
 Sample : ref 40
 Misc : November 20, 2001
 MS Integration Params: LSCINT.P
 Quant Time: Nov 21 9:31 2001

Vial: 4
 Operator: 201-wb
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Results File: HP110701.RES

Quant Method : C:\HPCHEM\1\METHODS\HP110701.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Last Update : Thu Nov 08 08:26:02 2001
 Response via : Initial Calibration
 DataAcq Meth : HP110701

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
35) MIBK	17.39	58	247859	41.34	ug/L	98
36) CIS-1,3-DICHLOROPROPENE	17.93	75	1851538	45.29	ug/L	99
37) TOLUENE	18.68	91	4810945	39.07	ug/L	97
38) TRANS-1,3-DICHLOROPROPENE	18.95	75	1547065	48.55	ug/L	99
39) 1,1,2-TRICHLOROETHANE	19.34	97	831179	38.96	ug/L	96
40) TETRACHLOROETHENE	20.12	166	1400591	38.34	ug/L	94
41) 1,3-DICHLOROPROPANE	19.88	76	1594839	41.06	ug/L	99
42) DIBROMOCHLOROMETHANE	20.56	129	1275760	43.35	ug/L	96
43) 1,2-DIBROMOETHANE	21.01	107	876148	43.45	ug/L	98
44) CHLOROBENZENE	21.90	112	3179536	37.82	ug/L	98
45) 1,1,1,2-TETRACHLOROETHANE	21.93	131	1288449	39.99	ug/L	97
46) 2-HEXANONE	19.23	43	528208	40.07	ug/L	95
47) ETHYLBENZENE	21.93	91	5996715	40.07	ug/L	98
48) P & M-XYLENE	22.09	106	4201414	80.87	ug/L	96
49) O-XYLENE	23.07	91	4978491	43.82	ug/L	98
50) STYRENE	23.12	104	3290502	43.78	ug/L	99
51) 1,1,2,2-TETRACHLOROETHANE	24.15	83	912651	40.16	ug/L	98
53) BROMOFORM	23.99	173	636753	42.27	ug/L	98
54) ISOPROPYLBENZENE	23.80	105	5303786	42.28	ug/L	99
55) 1,2,3-TRICHLOROPROPANE	24.48	110	288488	36.97	ug/L	91
56) N-PROPYLBENZENE	24.65	91	6793041	39.06	ug/L	99
57) BROMOBENZENE	24.91	156	1356665	39.97	ug/L	97
58) 1,3,5-TRIMETHYLBENZENE	24.97	105	4928428	41.67	ug/L	99
59) 2-CHLOROTOLUENE	25.14	91	4557549	38.76	ug/L	100
60) 4-CHLOROTOLUENE	25.21	91	4489342	40.08	ug/L	99
61) TERT-BUTYLBENZENE	25.77	119	4324565	41.29	ug/L	100
62) 1,2,4-TRIMETHYLBENZENE	25.85	105	4993676	40.68	ug/L	100
63) SEC-BUTYLBENZENE	26.22	105	5683102	40.76	ug/L	99
64) P-ISOPROPYLTOLUENE	26.48	119	4630763	42.65	ug/L	98
65) 1,3-DICHLOROBENZENE	26.85	146	2478509	39.21	ug/L	97
66) 1,4-DICHLOROBENZENE	27.06	146	2495897	35.69	ug/L	99
67) N-BUTYLBENZENE	27.37	91	4931071	41.33	ug/L	97
68) 1,2-DICHLOROBENZENE	27.91	146	2162651	39.57	ug/L	97
69) 1,2-DIBROMO-3-CHLOROPROPAN	29.71	157	115889	49.48	ug/L	90
70) 1,2,4-TRICHLOROBENZENE	32.01	180	1479824	43.85	ug/L	100
71) HEXACHLOROBUTADIENE	32.32	225	978830	37.10	ug/L	99
72) NAPHTHALENE	32.86	128	1845841	50.48	ug/L	98
73) 1,2,3-TRICHLOROBENZENE	33.57	180	1192477	43.80	ug/L	97
74) NITROBENZENE	29.91	77	746557	903.89	ug/L	98

(#) = qualifier out of range (m) = manual integration
 1120R40.D HP110701.M Fri Nov 23 17:24:21 2001

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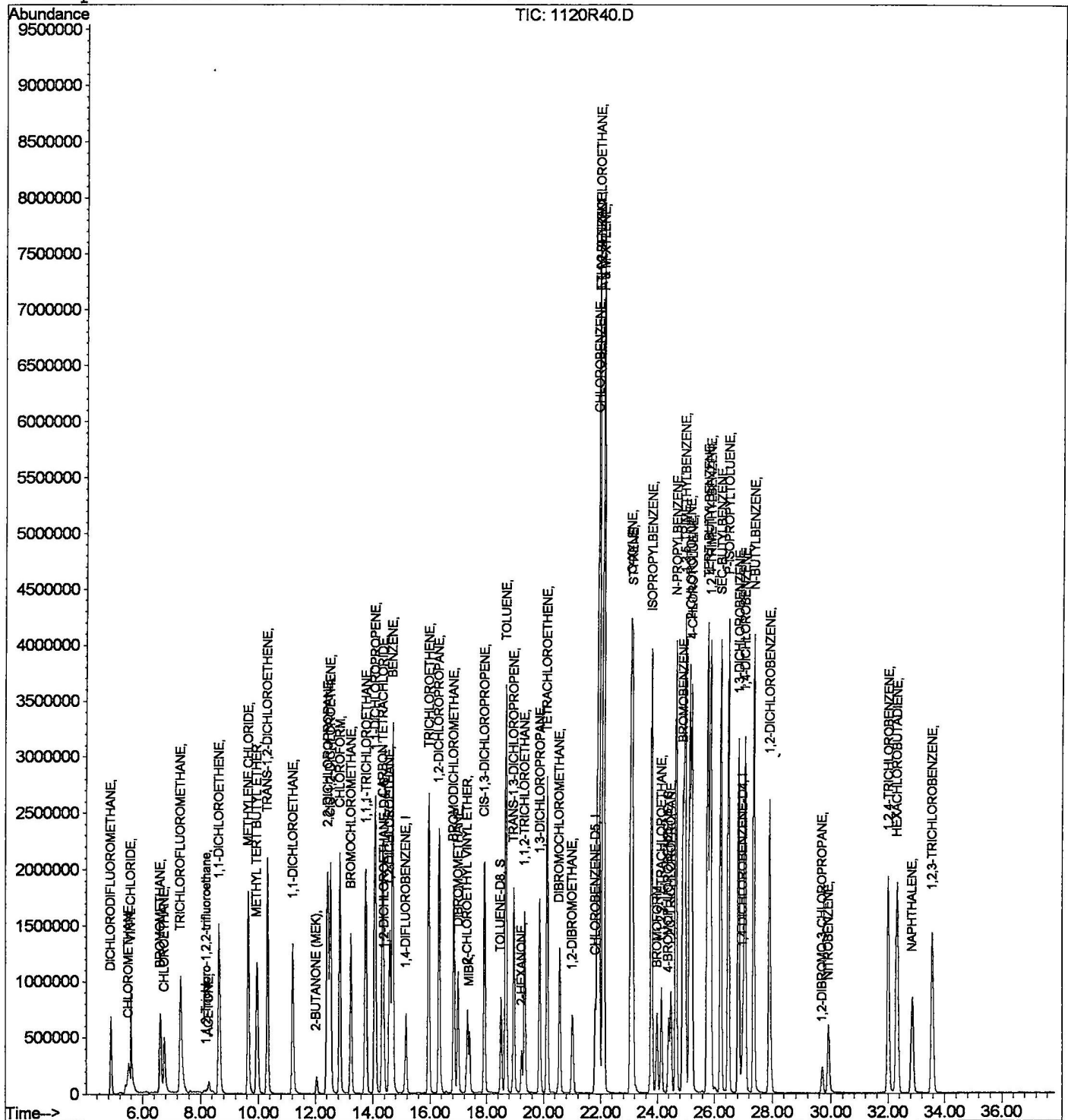
Quantitation Report

Data File : C:\HPCHEM\1\DATA\01NOV20\1120R40.D
Acq On : 20 Nov 2001 11:23 am
Sample : ref 40
Misc : November 20, 2001
MS Integration Params: LSCINT.P
Quant Time: Nov 21 9:31 2001

Vial: 4
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: HP110701.RES

Method : C:\HPCHEM\1\METHODS\HP110701.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu Nov 08 08:26:02 2001
Response via : Initial Calibration



User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 11/23/2001 Time: 14:05:25

Sample: AD28269
 Analysis: \$B2524 Volatile Organic Compounds-Blank
 Units: ug
 Started: 11/21/01 14:03 Ended: 11/21/01 14:03 Analyst: BH
 Result source: manual entry
 Page: 1

	Component Name	Viol	Result
1	Surr - 1,2-DICHLOROETHANE-		4.7
2	Surr - 4-BROMOFLUOROBENZ		4.1
3	DICHLORODIFLUOROMETHAN		< MDL
4	CHLOROMETHANE		< MDL
5	VINYL CHLORIDE		< MDL
6	BROMOMETHANE		< MDL
7	CHLOROETHANE		< MDL
8	TRICHLOROFLUOROMETHAN		< MDL
9	ACETONE		< MDL
10	1,1-DICHLOROETHENE		< MDL
11	METHYLENE CHLORIDE		< MDL
12	METHYL TERT BUTYL ETHER		< MDL
13	TRANS-1,2-DICHLOROETHEN		< MDL
14	1,1-DICHLOROETHANE		< MDL
15	2-BUTANONE (MEK)		< MDL
16	2,2-DICHLOROPROPANE		< MDL
17	CIS-1,2-DICHLOROETHENE		< MDL
18	CHLOROFORM		< MDL
19	BROMOCHLOROMETHANE		< MDL
20	1,2-DICHLOROETHANE		< MDL
21	Surr - TOLUENE-D8		5.0
22	1,1,1-TRICHLOROETHANE		< MDL
23	1,1-DICHLOROPROPENE		< MDL
24	CARBON TETRACHLORIDE		< MDL
25	BENZENE		< MDL
26	TRICHLOROETHENE		< MDL
27	1,2-DICHLOROPROPANE		< MDL
28	DIBROMOMETHANE		< MDL
29	BROMODICHLOROMETHANE		< MDL
30	2-CHLOROETHYL VINYL ETHE		< MDL
31	MIBK		< MDL
32	CIS-1,3-DICHLOROPROPENE		< MDL
33	TOLUENE		< MDL
34	TRANS-1,3-DICHLOROPROPE		< MDL
35	1,1,2-TRICHLOROETHANE		< MDL
36	TETRACHLOROETHENE		< MDL
37	1,3-DICHLOROPROPANE		< MDL
38	DIBROMOCHLOROMETHANE		< MDL
39	1,2-DIBROMOETHANE		< MDL
40	CHLOROBENZENE		< MDL
41	1,1,1,2-TETRACHLOROETHA		< MDL
42	2-HEXANONE		< MDL
43	ETHYLBENZENE		< MDL
44	P & M-XYLENE		< MDL
45	O-XYLENE		< MDL
46	STYRENE		< MDL
47	1,1,2,2-TETRACHLOROETHA		< MDL
48	BROMOFORM		< MDL

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 11/23/2001 Time: 14:05:25

Sample: AD28269
Analysis: \$B2524 Volatile Organic Compounds-Blank
Units: ug
Started: 11/21/01 14:03 Ended: 11/21/01 14:03 Analyst: BH
Result source: manual entry
Page: 2

	Component Name	Viol	Result
49	ISOPROPYLBENZENE		< MDL
50	1,2,3-TRICHLOROPROPANE		< MDL
51	N-PROPYLBENZENE		< MDL
52	BROMOBENZENE		< MDL
53	1,3,5-TRIMETHYLBENZENE		< MDL
54	2-CHLOROTOLUENE		< MDL
55	4-CHLOROTOLUENE		< MDL
56	TERT-BUTYLBENZENE		< MDL
57	1,2,4-TRIMETHYLBENZENE		< MDL
58	SEC-BUTYLBENZENE		< MDL
59	P-ISOROPYLTOLUENE		< MDL
60	1,3-DICHLOROBENZENE		< MDL
61	1,4-DICHLOROBENZENE		< MDL
62	N-BUTYLBENZENE		< MDL
63	1,2-DICHLOROBENZENE		< MDL
64	1,2-DIBROMO-3-CHLOROPRO		< MDL
65	1,2,4-TRICHLOROBENZENE		< MDL
66	HEXACHLOROBUTADIENE		< MDL
67	NAPHTHALENE		< MDL
68	1,2,3-TRICHLOROBENZENE		< MDL
69	ETHANOL		< MDL
70	NITROBENZENE		< MDL

Quantitation Report

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\01nov21\1121B1.D
 Acq On : 21 Nov 2001 8:29 am
 Sample : lab blank 1
 Misc : November 21, 2001
 MS Integration Params: LSCINT.P
 Quant Time: Nov 21 9:07 2001

Vial: 1
 Operator: 201-wb
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Results File: HP110701.RES

Quant Method : C:\HPCHEM\1\METHODS\HP110701.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Last Update : Thu Nov 08 08:26:02 2001
 Response via : Initial Calibration
 DataAcq Meth : HP110701

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.10	114	743995	5.00	ug/L	-0.02
24) CHLOROBENZENE-D5	21.76	117	636184	5.00	ug/L	-0.02
52) 1,4-DICHLOROBENZENE-D4	26.93	152	289802	5.00	ug/L	-0.02
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.34	65	452099	4.71	ug/L	-0.02
Spiked Amount 5.000			Recovery	=	94.20%	
3) 4-BROMOFLUOROBENZENE	24.34	174	231167	4.05	ug/L	-0.02
Spiked Amount 5.000			Recovery	=	81.00%	
25) TOLUENE-D8	18.45	98	876687	4.99	ug/L	-0.02
Spiked Amount 5.000			Recovery	=	99.80%	
Target Compounds						Qvalue
10) Isopropyl Alcohol	8.01	45	2677	3.45	ug/L	91
12) ACETONE	8.29	43	5436	0.59	ug/L	53
18) 2-BUTANONE (MEK)	12.02	43	1504	0.15	ug/L	66
46) 2-HEXANONE	19.23	43	1666	0.15	ug/L	33

 (#) = qualifier out of range (m) = manual integration
 1121B1.D HP110701.M Wed Nov 21 09:07:48 2001

Page 1

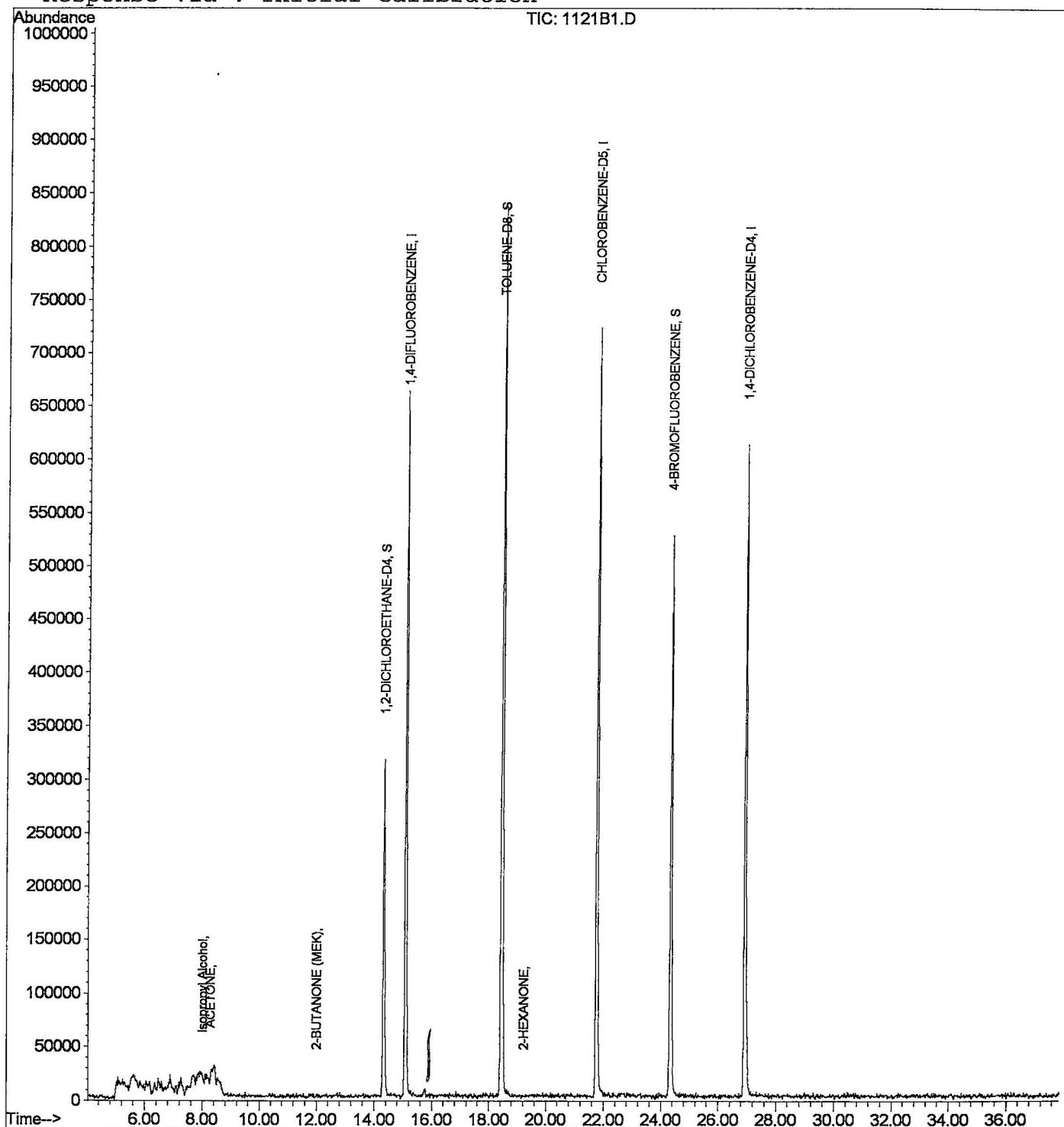
Quantitation Report

Data File : C:\HPCHEM\1\DATA\01nov21\1121B1.D
Acq On : 21 Nov 2001 8:29 am
Sample : lab blank 1
Misc : November 21, 2001
MS Integration Params: LSCINT.P
Quant Time: Nov 21 9:07 2001

Vial: 1
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: HP110701.RES

Method : C:\HPCHEM\1\METHODS\HP110701.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu Nov 08 08:08:25 2001
Response via : Initial Calibration



User: Vannelli, Sandy
 Westchester Dept. of Labs & Research
 Date: 11/23/2001 Time: 17:21:07

Sample: AD28269
 Analysis: SC3524 Volatile Organic Compounds-Cal 1
 Units: ug
 Started: 11/21/01 00:09 Ended: 11/21/01 00:09 Analyst: BH
 Result source: manual entry
 Page: 1

	Component Name	Viol	Result	MDL
1	Surr_1,2-DICHLOROETHANE-D4		4.9	.5
2	Surr_4-BROMOFLUOROBENZEN		4.6	.5
3	Dichlorodifluoromethane	USPEC	16	.5
4	Chloromethane		11	.5
5	Vinyl chloride		10	.5
6	Bromomethane		9.9	.5
7	Chloroethane		9.8	.5
8	Trichlorofluoromethane		9.7	.5
9	1,1-Dichloroethene		11	.5
10	Methylene Chloride		11	.5
11	Methyl tert-butyl ether		11	1.0
12	trans-1,2-dichloroethene		11	.5
13	1,1-dichloroethane		11	.5
14	2-butanone (MEK)		11	2.0
15	2,2-dichloropropane		10	.5
16	cis-1,2-dichloroethene		12	.5
17	Chloroform		11	.5
18	Bromochloromethane		11	.5
19	1,2-dichloroethane		12	.5
20	Surr_TOLUENE-D8		4.9	.5
21	1,1,1- trichloroethane		11	.5
22	1,1-dichloropropene		12	.5
23	Carbon tetrachloride		12	.5
24	Benzene		12	.5
25	Trichloroethene		12	.5
26	1,2-dichloropropane		12	.5
27	Dibromomethane		12	.5
28	Bromodichloromethane		12	.5
29	Methyl iso-butyl ketone		12	1.0
30	cis-1,3-dichloropropene		12	.5
31	Toluene		12	.5
32	trans-1,3-dichloropropene		12	.5
33	1,1,2-trichloroethane		12	.5
34	Tetrachloroethene		12	.5
35	1,3-dichloropropane		12	.5
36	Dibromochloromethane		12	2.0
37	Chlorobenzene		12	.5
38	1,1,1,2-tetrachloroethane		12	.5
39	Ethylbenzene		13	.5
40	P & M-xylene		25	.5
41	O-xylene		13	.5
42	Styrene		13	.5
43	1,1,2,2-tetrachloroethane		12	.5
44	Bromoform		12	2.0
45	Isopropylbenzene		13	.5
46	1,2,3-trichloropropane		12	.5
47	N-propylbenzene		13	.5

User: Vannelli, Sandy
Westchester Dept. of Labs & Research
Date: 11/23/2001 Time: 17:21:07

Sample: AD28269
Analysis: SC3524 Volatile Organic Compounds-Cal 1
Units: ug
Started: 11/21/01 00:09 Ended: 11/21/01 00:09 Analyst: BH
Result source: manual entry
Page: 2

	Component Name	Viol	Result	MDL
48	Bromobenzene		12	.5
49	1,3,5-trimethylbenzene		13	.5
50	2-chlorotoluene	USPEC	14	.5
51	4-chlorotoluene		11	.5
52	TERT-butylbenzene		13	.5
53	1,2,4-trimethylbenzene		13	.5
54	SEC-butylbenzene		13	.5
55	P-isopropyltoluene		12	.5
56	1,3-dichlorobenzene		12	.5
57	1,4-dichlorobenzene		12	.5
58	N-butylbenzene		12	.5
59	1,2-dichlorobenzene		12	.5
60	1,2,4-trichlorobenzene		12	.5
61	Hexachlobutadiene		11	.5
62	Naphthalene		12	.5
63	1,2,3-trichlorobenzene		13	.5

Quantitation Report

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\01nov21\1121C10.D
 Acq On : 21 Nov 2001 9:12 am
 Sample : cal 10
 Misc : November 21, 2001
 MS Integration Params: LSCINT.P
 Quant Time: Nov 21 9:50 2001

Vial: 2
 Operator: 201-wb
 Inst : GC/MS Ins
 Multiplr: 1.00

28269C3

Quant Results File: HP110701.RES

Quant Method : C:\HPCHEM\1\METHODS\HP110701.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Last Update : Thu Nov 08 08:26:02 2001
 Response via : Initial Calibration
 DataAcq Meth : HP110701

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.10	114	775304	5.00	ug/L	-0.02
24) CHLOROBENZENE-D5	21.76	117	662067	5.00	ug/L	-0.02
52) 1,4-DICHLOROBENZENE-D4	26.95	152	353878	5.00	ug/L	0.00

System Monitoring Compounds

2) 1,2-DICHLOROETHANE-D4	14.34	65	494381	4.94	ug/L	-0.02
Spiked Amount	5.000		Recovery	=	98.80%	
3) 4-BROMOFLUOROBENZENE	24.36	174	276570	4.64	ug/L	0.00
Spiked Amount	5.000		Recovery	=	92.80%	
25) TOLUENE-D8	18.47	98	905292	4.95	ug/L	0.00
Spiked Amount	5.000		Recovery	=	99.00%	

Target Compounds

	R.T.	QIon	Response	Conc	Units	Qvalue
4) DICHLORODIFLUOROMETHANE	4.85	85	402341	15.69	ug/L	98
5) CHLOROMETHANE	5.51	50	313763	11.42	ug/L	100
6) VINYL CHLORIDE	5.58	62	271016	10.41	ug/L	100
7) BROMOMETHANE	6.58	94	232684	9.91	ug/L	97
8) CHLOROETHANE	6.72	64	199583	9.82	ug/L	97
9) TRICHLOROFLUOROMETHANE	7.27	101	589489	9.69	ug/L	100
10) Isopropyl Alcohol	7.89	45	831681	1027.19	ug/L	100
11) 1,1,2-Trichloro-1,2,2-trif	8.17	101	411815	10.33	ug/L	100
12) ACETONE	8.25	43	123458	12.89	ug/L	91
13) 1,1-DICHLOROETHENE	8.60	61	598978	10.66	ug/L	97
14) METHYLENE CHLORIDE	9.61	49	657714	10.93	ug/L	99
15) METHYL TERT BUTYL ETHER	9.93	73	425479	10.97	ug/L	98
16) TRANS-1,2-DICHLOROETHENE	10.28	61	631256	11.31	ug/L	99
17) 1,1-DICHLOROETHANE	11.18	63	684184	10.73	ug/L	99
18) 2-BUTANONE (MEK)	12.00	43	114160	10.87	ug/L	97
19) 2,2-DICHLOROPROPANE	12.38	77	490711	10.11	ug/L	96
20) CIS-1,2-DICHLOROETHENE	12.49	96	382827	11.93	ug/L	99
21) CHLOROFORM	12.82	83	803357	11.00	ug/L	100
22) BROMOCHLOROMETHANE	13.20	49	393182	11.43	ug/L	98
23) 1,2-DICHLOROETHANE	14.55	62	654321	11.53	ug/L	98
26) 1,1,1-TRICHLOROETHANE	13.71	97	651648	10.88	ug/L	96
27) 1,1-DICHLOROPROPENE	14.04	75	531540	12.22	ug/L	97
28) CARBON TETRACHLORIDE	14.30	117	683592	11.62	ug/L	97
29) BENZENE	14.63	78	1362791	12.13	ug/L	99
30) TRICHLOROETHENE	15.92	95	414578	11.81	ug/L	97
31) 1,2-DICHLOROPROPANE	16.27	63	365260	11.77	ug/L	96
32) DIBROMOMETHANE	16.95	174	176757	12.08	ug/L	96
33) BROMODICHLOROMETHANE	16.79	83	574689	12.27	ug/L	99

(#) = qualifier out of range (m) = manual integration

1121C10.D HP110701.M Wed Nov 21 09:50:43 2001

Page 1

Quantitation Report

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\01nov21\1121C10.D
 Acq On : 21 Nov 2001 9:12 am
 Sample : cal 10
 Misc : November 21, 2001
 MS Integration Params: LSCINT.P
 Quant Time: Nov 21 9:50 2001

Vial: 2
 Operator: 201-wb
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Results File: HP110701.RES

Quant Method : C:\HPCHEM\1\METHODS\HP110701.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Last Update : Thu Nov 08 08:26:02 2001
 Response via : Initial Calibration
 DataAcq Meth : HP110701

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
34) 2-CHLOROETHYL VINYL ETHER	17.26	63	122069	12.18	ug/L	100
35) MIBK	17.35	58	64701	12.17	ug/L	95
36) CIS-1,3-DICHLOROPROPENE	17.87	75	451259	12.45	ug/L	97
37) TOLUENE	18.64	91	1335689	12.23	ug/L	98
38) TRANS-1,3-DICHLOROPROPENE	18.92	75	347982	12.31	ug/L	97
39) 1,1,2-TRICHLOROETHANE	19.30	97	227072	12.00	ug/L	95
40) TETRACHLOROETHENE	20.09	166	387192	11.95	ug/L	93
41) 1,3-DICHLOROPROPANE	19.82	76	420079	12.19	ug/L	98
42) DIBROMOCHLOROMETHANE	20.52	129	317720	12.17	ug/L	98
43) 1,2-DIBROMOETHANE	20.97	107	226901	12.69	ug/L	98
44) CHLOROBENZENE	21.85	112	921112	12.35	ug/L	98
45) 1,1,1,2-TETRACHLOROETHANE	21.90	131	345810	12.10	ug/L	95
46) 2-HEXANONE	19.20	43	136702	11.69	ug/L	99
47) ETHYLBENZENE	21.88	91	1681180	12.67	ug/L	98
48) P & M-XYLENE	22.06	106	1170051	25.39	ug/L	97
49) O-XYLENE	23.03	91	1314662	13.05	ug/L	98
50) STYRENE	23.08	104	878251	13.17	ug/L	95
51) 1,1,2,2-TETRACHLOROETHANE	24.09	83	243981	12.10	ug/L	99
53) BROMOFORM	23.94	173	156269	12.07	ug/L	98
54) ISOPROPYLBENZENE	23.75	105	1411393	13.10	ug/L	98
55) 1,2,3-TRICHLOROPROPANE	24.42	110	81458	12.15	ug/L	97
56) N-PROPYLBENZENE	24.62	91	1885503	12.62	ug/L	99
57) BROMOBENZENE	24.86	156	363632	12.47	ug/L	93
58) 1,3,5-TRIMETHYLBENZENE	24.93	105	1303875	12.83	ug/L	98
59) 2-CHLOROTOLUENE	25.09	91	1439633	14.25	ug/L	97
60) 4-CHLOROTOLUENE	25.17	91	1089807	11.33	ug/L	99
61) TERT-BUTYLBENZENE	25.73	119	1148569	12.76	ug/L	96
62) 1,2,4-TRIMETHYLBENZENE	25.82	105	1369659	12.99	ug/L	99
63) SEC-BUTYLBENZENE	26.18	105	1508802	12.59	ug/L	100
64) P-ISOPROPYLTOLUENE	26.45	119	1158579	12.42	ug/L	97
65) 1,3-DICHLOROBENZENE	26.79	146	668144	12.30	ug/L	94
66) 1,4-DICHLOROBENZENE	27.02	146	695529	11.58	ug/L	98
67) N-BUTYLBENZENE	27.32	91	1259220	12.28	ug/L	96
68) 1,2-DICHLOROBENZENE	27.87	146	575559	12.26	ug/L	99
69) 1,2-DIBROMO-3-CHLOROPROPAN	29.65	157	28580	14.20	ug/L	89
70) 1,2,4-TRICHLOROBENZENE	31.95	180	357736	12.34	ug/L	98
71) HEXACHLOROBUTADIENE	32.27	225	259918	11.47	ug/L	99
72) NAPHTHALENE	32.81	128	389183	12.39	ug/L	97
73) 1,2,3-TRICHLOROBENZENE	33.50	180	301083	12.87	ug/L	99
74) NITROBENZENE	29.86	77	156240	220.16	ug/L	99

(#) = qualifier out of range (m) = manual integration
 1121C10.D HP110701.M Wed Nov 21 09:50:46 2001

Page 2

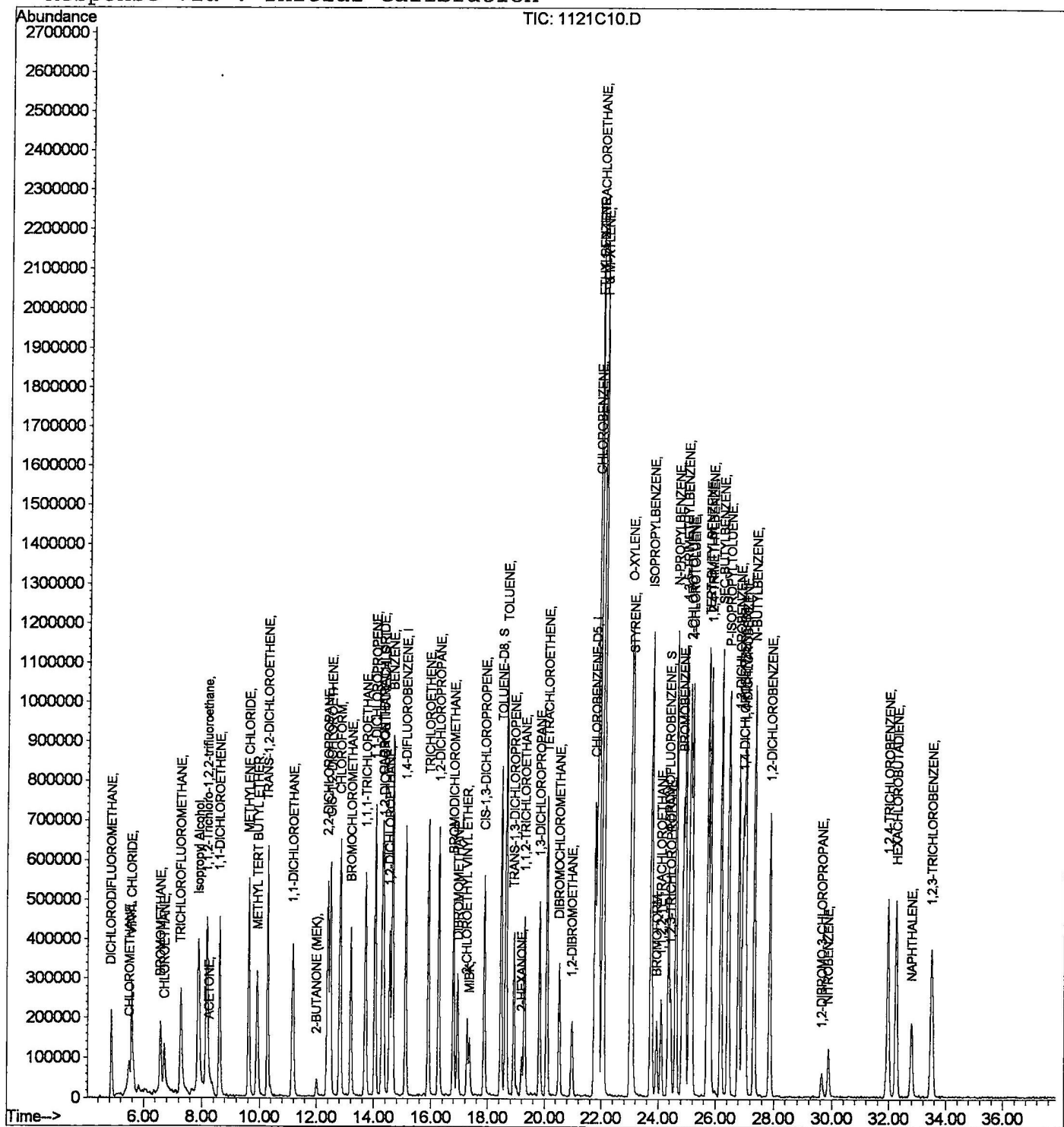
Quantitation Report

Data File : C:\HPCHEM\1\DATA\01nov21\1121C10.D
Acq On : 21 Nov 2001 9:12 am
Sample : cal 10
Misc : November 21, 2001
MS Integration Params: LSCINT.P
Quant Time: Nov 21 9:50 2001

Vial: 2
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: HP110701.RES

Method : C:\HPCHEM\1\METHODS\HP110701.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu Nov 08 08:08:25 2001
Response via : Initial Calibration



User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 11/23/2001 Time: 14:07:37

Sample: AD28269
 Analysis: \$C4524 Volatile Organic Compounds-Cal 1
 Units: ug
 Started: 11/21/01 00:04 Ended: 11/21/01 00:04 Analyst: BH
 Result source: a:\1121c10a.rr
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr_1,2-DICHLOROETHANE-		4.8		.5
2	Surr_4-BROMOFLUOROBENZE		4.6		.5
3	Dichlorodifluoromethane	USPEC	15		.5
4	Chloromethane		13		.5
5	Vinyl chloride		11		.5
6	Bromomethane		11		.5
7	Chloroethane		11		.5
8	Trichlorofluoromethane		9.7		.5
9	1,1-Dichloroethene		10		.5
10	Methylene Chloride		11		.5
11	Methyl tert-butyl ether		10		1.0
12	trans-1,2-dichloroethene		11		.5
13	1,1-dichloroethane		11		.5
14	2-butanone (MEK)		10		2.0
15	2,2-dichloropropane		9.2		.5
16	cis-1,2-dichloroethene		11		.5
17	Chloroform		11		.5
18	Bromochloromethane		11		.5
19	1,2-dichloroethane		11		.5
20	Surr_TOLUENE-D8		5.0		.5
21	1,1,1- trichloroethane		10		.5
22	1,1-dichloropropene		11		.5
23	Carbon tetrachloride		11		.5
24	Benzene		12		.5
25	Trichloroethene		11		.5
26	1,2-dichloropropane		11		.5
27	Dibromomethane		11		.5
28	Bromodichloromethane		11		.5
29	Methyl iso-butyl ketone		9.9		1.0
30	cis-1,3-dichloropropene		11		.5
31	Toluene		12		.5
32	trans-1,3-dichloropropene		11		.5
33	1,1,2-trichloroethane		11		.5
34	Tetrachloroethene		11		.5
35	1,3-dichloropropane		11		.5
36	Dibromochloromethane		11		2.0
37	Chlorobenzene		11		.5
38	1,1,1,2-tetrachloroethane		11		.5
39	Ethylbenzene		12		.5
40	P & M-xylene		24		.5
41	O-xylene		12		.5
42	Styrene		12		.5
43	1,1,2,2-tetrachloroethane		11		.5
44	Bromoform		10		2.0
45	Isopropylbenzene		12		.5
46	1,2,3-trichloropropane		11		.5
47	N-propylbenzene		12		.5
48	Bromobenzene		12		.5

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 11/23/2001 Time: 14:07:37

Sample: AD28269
Analysis: \$C4524 Volatile Organic Compounds-Cal 1
Units: ug
Started: 11/21/01 00:04 Ended: 11/21/01 00:04 Analyst: BH
Result source: a:\1121c10a.rr
Page: 2

	Component Name	Viol	Result	Qualifier	MDL
49	1,3,5-trimethylbenzene		12		.5
50	2-chlorotoluene		12		.5
51	4-chlorotoluene		11		.5
52	TERT-butylbenzene		12		.5
53	1,2,4-trimethylbenzene		12		.5
54	SEC-butylbenzene		12		.5
55	P-isopropyltoluene		12		.5
56	1,3-dichlorobenzene		11		.5
57	1,4-dichlorobenzene		11		.5
58	N-butylbenzene		11		.5
59	1,2-dichlorobenzene		11		.5
60	1,2,4-trichlorobenzene		11		.5
61	Hexachlobutadiene		10		.5
62	Naphthalene		10		.5
63	1,2,3-trichlorobenzene		11		.5

Quantitation Report

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\01nov21\1121C10A.D

Vial: 12

Acq On : 21 Nov 2001 4:22 pm

Operator: 201-wb

Sample : cal 10

Inst : GC/MS Ins

Misc : November 21, 2001

Multiplr: 1.00

MS Integration Params: LSCINT.P

Quant Time: Nov 21 17:00 2001

Quant Results File: HP110701.RES

Quant Method : C:\HPCHEM\1\METHODS\HP110701.M (RTE Integrator)

Title : VOCs BY EPA METHOD 524

Last Update : Thu Nov 08 08:26:02 2001

Response via : Initial Calibration

DataAcq Meth : HP110701

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.14	114	721256	5.00	ug/L	0.02
24) CHLOROBENZENE-D5	21.79	117	626134	5.00	ug/L	0.02
52) 1,4-DICHLOROBENZENE-D4	26.97	152	334041	5.00	ug/L	0.02

System Monitoring Compounds

2) 1,2-DICHLOROETHANE-D4	14.37	65	450604	4.84	ug/L	0.02
Spiked Amount	5.000		Recovery	=	96.80%	
3) 4-BROMOFLUOROBENZENE	24.37	174	254807	4.60	ug/L	0.02
Spiked Amount	5.000		Recovery	=	92.00%	
25) TOLUENE-D8	18.48	98	860833	4.98	ug/L	0.02
Spiked Amount	5.000		Recovery	=	99.60%	

Target Compounds

						Qvalue
4) DICHLORODIFLUOROMETHANE	4.88	85	351922	14.75	ug/L	93
5) CHLOROMETHANE	5.51	50	325184	12.72	ug/L	100
6) VINYL CHLORIDE	5.61	62	266029	10.98	ug/L	100
7) BROMOMETHANE	6.61	94	236114	10.81	ug/L	99
8) CHLOROETHANE	6.75	64	200333	10.60	ug/L	95
9) TRICHLOROFLUOROMETHANE	7.30	101	550354	9.72	ug/L	98
10) Isopropyl Alcohol	7.91	45	699153	928.22	ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	8.20	101	355395	9.58	ug/L	98
12) ACETONE	8.27	43	91414	10.26	ug/L	92
13) 1,1-DICHLOROETHENE	8.64	61	524389	10.03	ug/L	98
14) METHYLENE CHLORIDE	9.63	49	598328	10.69	ug/L	99
15) METHYL TERT BUTYL ETHER	9.95	73	360553	9.99	ug/L	98
16) TRANS-1,2-DICHLOROETHENE	10.31	61	574393	11.06	ug/L	97
17) 1,1-DICHLOROETHANE	11.20	63	626359	10.56	ug/L	98
18) 2-BUTANONE (MEK)	12.04	43	98438	10.07	ug/L	95
19) 2,2-DICHLOROPROPANE	12.42	77	417422	9.24	ug/L	97
20) CIS-1,2-DICHLOROETHENE	12.51	96	336924	11.29	ug/L	94
21) CHLOROFORM	12.84	83	731126	10.77	ug/L	99
22) BROMOCHLOROMETHANE	13.22	49	347019	10.84	ug/L	96
23) 1,2-DICHLOROETHANE	14.56	62	584108	11.07	ug/L	97
26) 1,1,1-TRICHLOROETHANE	13.74	97	586618	10.36	ug/L	99
27) 1,1-DICHLOROPROPENE	14.06	75	463785	11.28	ug/L	98
28) CARBON TETRACHLORIDE	14.32	117	591878	10.64	ug/L	97
29) BENZENE	14.67	78	1237876	11.65	ug/L	98
30) TRICHLOROETHENE	15.94	95	370807	11.17	ug/L	98
31) 1,2-DICHLOROPROPANE	16.29	63	331507	11.30	ug/L	99
32) DIBROMOMETHANE	16.97	174	154520	11.17	ug/L	96
33) BROMODICHLOROMETHANE	16.81	83	503375	11.37	ug/L	98

(#)= qualifier out of range (m)= manual integration

1121C10A.D HP110701.M

Wed Nov 21 17:00:44 2001

Page 1

Quantitation Report

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\01nov21\1121C10A.D
 Acq On : 21 Nov 2001 4:22 pm
 Sample : cal 10
 Misc : November 21, 2001
 MS Integration Params: LSCINT.P
 Quant Time: Nov 21 17:00 2001

Vial: 12
 Operator: 201-wb
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Results File: HP110701.RES

Quant Method : C:\HPCHEM\1\METHODS\HP110701.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Last Update : Thu Nov 08 08:26:02 2001
 Response via : Initial Calibration
 DataAcq Meth : HP110701

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
34) 2-CHLOROETHYL VINYL ETHER	17.28	63	100801	10.63	ug/L	97
35) MIBK	17.37	58	49829	9.91	ug/L	88
36) CIS-1,3-DICHLOROPROPENE	17.91	75	387236	11.29	ug/L	98
37) TOLUENE	18.66	91	1198849	11.61	ug/L	99
38) TRANS-1,3-DICHLOROPROPENE	18.94	75	288019	10.78	ug/L	98
39) 1,1,2-TRICHLOROETHANE	19.32	97	199083	11.12	ug/L	98
40) TETRACHLOROETHENE	20.10	166	339945	11.09	ug/L	91
41) 1,3-DICHLOROPROPANE	19.84	76	366868	11.26	ug/L	97
42) DIBROMOCHLOROMETHANE	20.54	129	274405	11.12	ug/L	99
43) 1,2-DIBROMOETHANE	20.99	107	187024	11.06	ug/L	95
44) CHLOROBENZENE	21.86	112	809357	11.48	ug/L	99
45) 1,1,1,2-TETRACHLOROETHANE	21.92	131	300321	11.11	ug/L	99
46) 2-HEXANONE	19.22	43	114180	10.33	ug/L	85
47) ETHYLBENZENE	21.92	91	1486072	11.84	ug/L	99
48) P & M-XYLENE	22.07	106	1043047	23.94	ug/L	96
49) O-XYLENE	23.05	91	1169410	12.27	ug/L	99
50) STYRENE	23.10	104	767020	12.17	ug/L	100
51) 1,1,2,2-TETRACHLOROETHANE	24.13	83	202577	10.63	ug/L	99
53) BROMOFORM	23.95	173	128091	10.48	ug/L	98
54) ISOPROPYLBENZENE	23.76	105	1228975	12.08	ug/L	98
55) 1,2,3-TRICHLOROPROPANE	24.44	110	68226	10.78	ug/L	100
56) N-PROPYLBENZENE	24.63	91	1651982	11.71	ug/L	96
57) BROMOBENZENE	24.88	156	322040	11.70	ug/L	92
58) 1,3,5-TRIMETHYLBENZENE	24.95	105	1143705	11.92	ug/L	99
59) 2-CHLOROTOLUENE	25.12	91	1184522	12.42	ug/L	100
60) 4-CHLOROTOLUENE	25.19	91	1018768	11.22	ug/L	97
61) TERT-BUTYLBENZENE	25.75	119	995819	11.72	ug/L	98
62) 1,2,4-TRIMETHYLBENZENE	25.84	105	1198379	12.04	ug/L	99
63) SEC-BUTYLBENZENE	26.20	105	1303178	11.52	ug/L	99
64) P-ISOPROPYLTOLUENE	26.46	119	1014851	11.52	ug/L	99
65) 1,3-DICHLOROBENZENE	26.83	146	576503	11.25	ug/L	98
66) 1,4-DICHLOROBENZENE	27.04	146	596875	10.52	ug/L	98
67) N-BUTYLBENZENE	27.35	91	1110157	11.47	ug/L	98
68) 1,2-DICHLOROBENZENE	27.89	146	487376	11.00	ug/L	97
69) 1,2-DIBROMO-3-CHLOROPROPAN	29.67	157	21788	11.47	ug/L	81
70) 1,2,4-TRICHLOROBENZENE	31.97	180	289012	10.56	ug/L	99
71) HEXACHLOROBUTADIENE	32.28	225	216507	10.12	ug/L	98
72) NAPHTHALENE	32.82	128	295898	9.98	ug/L	94
73) 1,2,3-TRICHLOROBENZENE	33.54	180	242129	10.96	ug/L	98
74) NITROBENZENE	29.90	77	109076	162.83	ug/L	93

(#) = qualifier out of range (m) = manual integration
 1121C10A.D HP110701.M Wed Nov 21 17:00:46 2001

Page 2

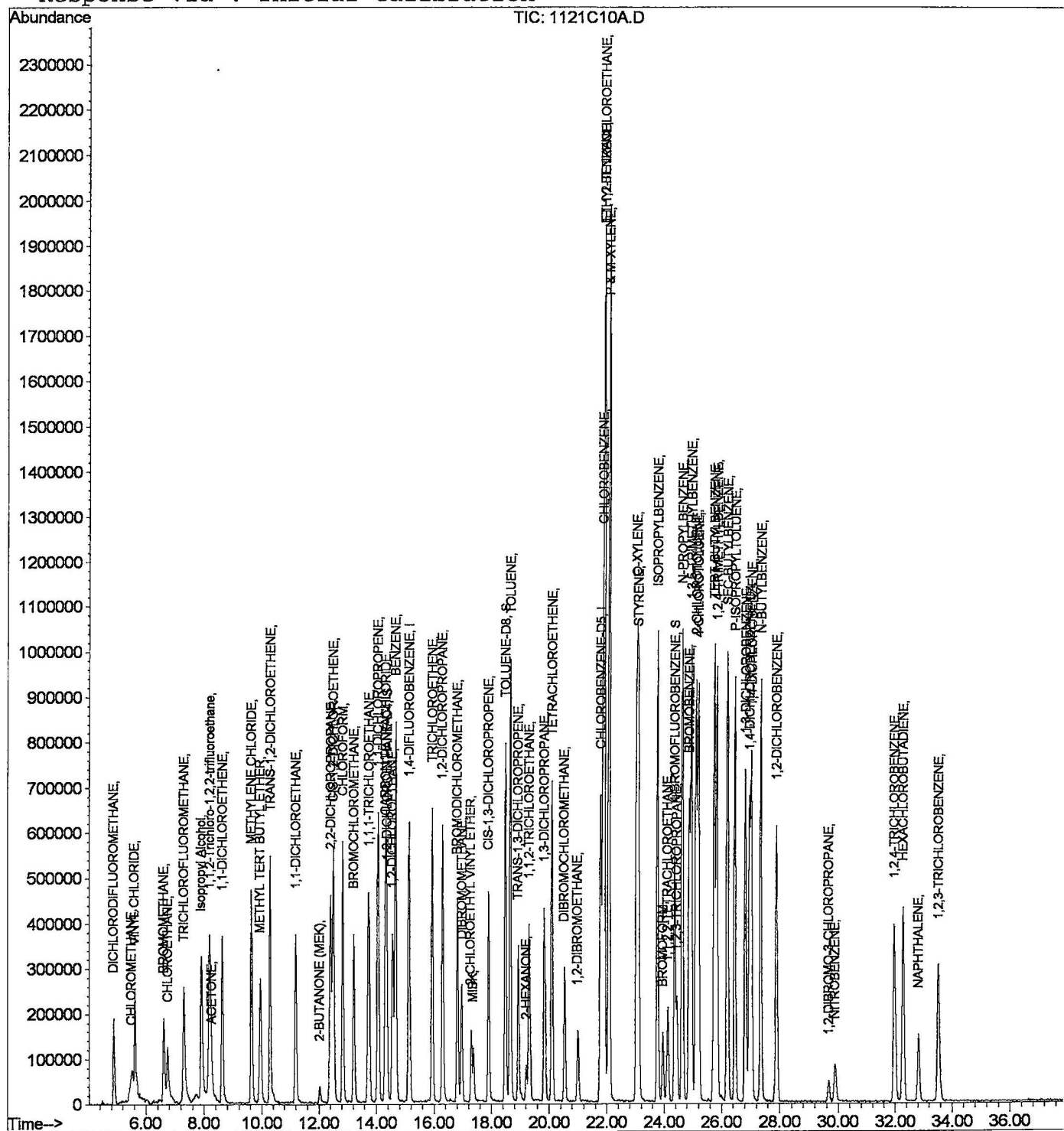
Quantitation Report

Data File : C:\HPCHEM\1\DATA\01nov21\1121C10A.D
Acq On : 21 Nov 2001 4:22 pm
Sample : cal 10
Misc : November 21, 2001
MS Integration Params: LSCINT.P
Quant Time: Nov 21 17:00 2001

Vial: 12
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: HP110701.RES

Method : C:\HPCHEM\1\METHODS\HP110701.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu Nov 08 08:08:25 2001
Response via : Initial Calibration



Wed Nov 21 17:00:54 2001

Page 3

User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 11/23/2001 Time: 14:10:14

Sample: AD27986
 Analysis: \$524 Volatile Organic Compounds
 Units: ug
 Started: 11/21/01 00:00 Ended: 11/21/01 00:00 Analyst: BH
 Result source: a:\27986.rr
 Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		4.7		.5
2	Surr - 4-BROMOFLUOROBENZ		3.8		.5
3	Dichlorodifluoromethane		< MDL		.5
4	Chloromethane		< MDL		.5
5	Vinyl chloride		< MDL		.5
6	Bromomethane		< MDL		.5
7	Chloroethane		< MDL		.5
8	Trichlorofluoromethane		< MDL		.5
9	1,1-Dichloroethene		< MDL		.5
10	Methylene Chloride		< MDL		.5
11	Methyl tert-butyl ether (MTBE)		< MDL		1.0
12	trans-1,2-dichloroethene		< MDL		.5
13	1,1-dichloroethane		< MDL		.5
14	2-butanone (MEK)		< MDL		2.0
15	2,2-dichloropropane		< MDL		.5
16	cis-1,2-dichloroethene		< MDL		.5
17	*THM-Chloroform		< MDL		.5
18	Bromochloromethane		< MDL		.5
19	1,2-dichloroethane		< MDL		.5
20	Surr - TOLUENE-D8		5.1		.5
21	1,1,1- trichloroethane		< MDL		.5
22	1,1-dichloropropene		< MDL		.5
23	Carbon tetrachloride		< MDL		.5
24	Benzene		< MDL		.5
25	Trichloroethene		< MDL		.5
26	1,2-dichloropropane		< MDL		.5
27	Dibromomethane		< MDL		.5
28	*THM-Bromodichloromethane		< MDL		.5
29	Methyl iso-butyl ketone (MIBK)		< MDL		1.0
30	cis-1,3-dichloropropene		< MDL		.5
31	Toluene		< MDL		.5
32	trans-1,3-dichloropropene		< MDL		.5
33	1,1,2-trichloroethane		< MDL		.5
34	Tetrachloroethene		< MDL		.5
35	1,3-dichloropropane		< MDL		.5
36	*THM-Dibromochloromethane		< MDL		2.0
37	Chlorobenzene		< MDL		.5
38	1,1,1,2-tetrachloroethane		< MDL		.5
39	Ethylbenzene		< MDL		.5
40	P & M-xylene		< MDL		.5
41	O-xylene		< MDL		.5
42	Styrene		< MDL		.5
43	1,1,2,2-tetrachloroethane		< MDL		.5
44	*THM-Bromoform		< MDL		2.0
45	Isopropylbenzene		< MDL		.5
46	1,2,3-trichloropropane		< MDL		.5
47	N-propylbenzene		< MDL		.5
48	Bromobenzene		< MDL		.5

REVIEWED BY AN
 DATE 11/23/01

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 11/23/2001 Time: 14:10:14

Sample: AD27986
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 11/21/01 00:00 Ended: 11/21/01 00:00 Analyst: BH
Result source: a:\27986.rr
Page: 2

	Component Name	Viol	Result	Qualifier	MDL
49	1,3,5-trimethylbenzene		< MDL		.5
50	2-chlorotoluene		< MDL		.5
51	4-chlorotoluene		< MDL		.5
52	TERT-butylbenzene		< MDL		.5
53	1,2,4-trimethylbenzene		< MDL		.5
54	SEC-butylbenzene		< MDL		.5
55	P-isopropyltoluene		< MDL		.5
56	1,3-dichlorobenzene		< MDL		.5
57	1,4-dichlorobenzene		< MDL		.5
58	N-butylbenzene		< MDL		.5
59	1,2-dichlorobenzene		< MDL		.5
60	1,2,4-trichlorobenzene		< MDL		.5
61	Hexachlorobutadiene		< MDL		.5
62	Naphthalene		< MDL		.5
63	1,2,3-trichlorobenzene		< MDL		.5

Quantitation Report

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\01nov21\27986.D
 Acq On : 21 Nov 2001 10:38 am
 Sample : 524 nyc
 Misc : November 21, 2001
 MS Integration Params: LSCINT.P
 Quant Time: Nov 21 11:16 2001

Vial: 4
 Operator: 201-wb
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Results File: HP110701.RES

Quant Method : C:\HPCHEM\1\METHODS\HP110701.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Last Update : Thu Nov 08 08:26:02 2001
 Response via : Initial Calibration
 DataAcq Meth : HP110701

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.12	114	699275	5.00	ug/L	0.00
24) CHLOROBENZENE-D5	21.78	117	571105	5.00	ug/L	0.00
52) 1,4-DICHLOROBENZENE-D4	26.95	152	248645	5.00	ug/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.36	65	424853	4.71	ug/L	0.00
Spiked Amount 5.000			Recovery	=	94.20%	
3) 4-BROMOFLUOROBENZENE	24.36	174	201777	3.76	ug/L	0.00
Spiked Amount 5.000			Recovery	=	75.20%	
25) TOLUENE-D8	18.47	98	798286	5.06	ug/L	0.00
Spiked Amount 5.000			Recovery	=	101.20%	
Target Compounds						Qvalue
7) BROMOMETHANE	6.39	94	2016	0.10	ug/L	72
10) Isopropyl Alcohol	7.91	45	2949	4.04	ug/L	73
12) ACETONE	8.13	43	1469	0.17	ug/L	53
18) 2-BUTANONE (MEK)	12.00	43	5242	0.55	ug/L	66

 (#) = qualifier out of range (m) = manual integration
 27986.D HP110701.M Wed Nov 21 11:16:41 2001

Page 1

Quantitation Report

Data File : C:\HPCHEM\1\DATA\01nov21\27986.D

Acq On : 21 Nov 2001 10:38 am

Sample : 524 nyc

Misc : November 21, 2001

MS Integration Params: LSCINT.P

Quant Time: Nov 21 11:16 2001

Vial: 4

Operator: 201-wb

Inst : GC/MS Ins

Multiplr: 1.00

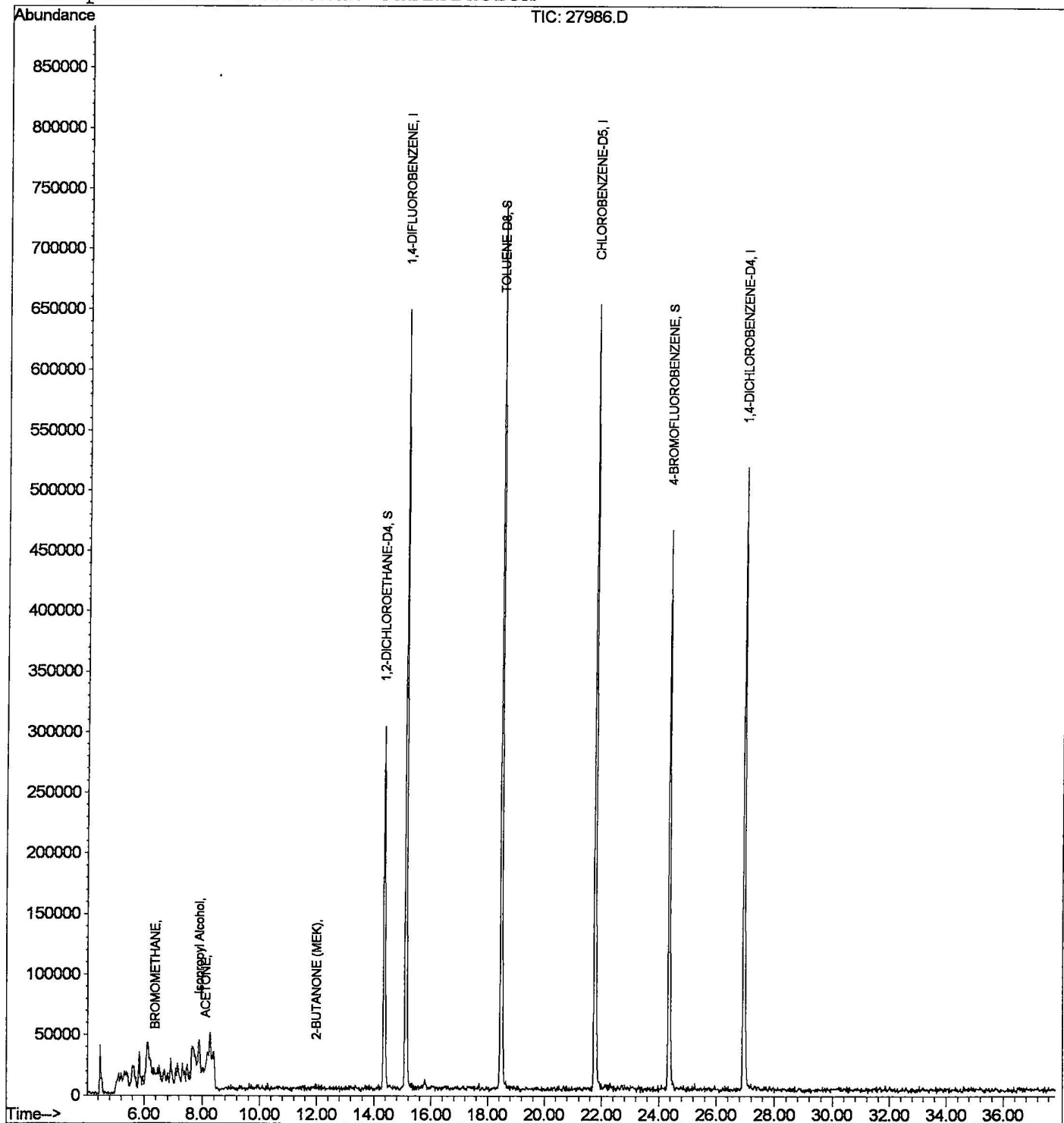
Quant Results File: HP110701.RES

Method : C:\HPCHEM\1\METHODS\HP110701.M (RTE Integrator)

Title : VOCs BY EPA METHOD 524

Last Update : Thu Nov 08 08:08:25 2001

Response via : Initial Calibration



User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 11/23/2001 Time: 14:11:09

Sample: AD28104
 Analysis: \$524 Volatile Organic Compounds
 Units: ug
 Started: 11/21/01 00:01 Ended: 11/21/01 00:01 Analyst: BH
 Result source: a:\28104.rr
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		5.1		.5
2	Surr - 4-BROMOFLUOROBENZ		4.0		.5
3	Dichlorodifluoromethane		< MDL		.5
4	Chloromethane		< MDL		.5
5	Vinyl chloride		< MDL		.5
6	Bromomethane		< MDL		.5
7	Chloroethane		< MDL		.5
8	Trichlorofluoromethane		< MDL		.5
9	1,1-Dichloroethene		< MDL		.5
10	Methylene Chloride		< MDL		.5
11	Methyl tert-butyl ether (MTBE)		< MDL		1.0
12	trans-1,2-dichloroethene		< MDL		.5
13	1,1-dichloroethane		< MDL		.5
14	2-butanone (MEK)		< MDL		2.0
15	2,2-dichloropropane		< MDL		.5
16	cis-1,2-dichloroethene		< MDL		.5
17	*THM-Chloroform		< MDL		.5
18	Bromochloromethane		< MDL		.5
19	1,2-dichloroethane		< MDL		.5
20	Surr - TOLUENE-D8		5.0		.5
21	1,1,1- trichloroethane		< MDL		.5
22	1,1-dichloropropene		< MDL		.5
23	Carbon tetrachloride		< MDL		.5
24	Benzene		< MDL		.5
25	Trichloroethene		< MDL		.5
26	1,2-dichloropropane		< MDL		.5
27	Dibromomethane		< MDL		.5
28	*THM-Bromodichloromethane		< MDL		.5
29	Methyl iso-butyl ketone (MIBK)		< MDL		1.0
30	cis-1,3-dichloropropene		< MDL		.5
31	Toluene		< MDL		.5
32	trans-1,3-dichloropropene		< MDL		.5
33	1,1,2-trichloroethane		< MDL		.5
34	Tetrachloroethene		< MDL		.5
35	1,3-dichloropropane		< MDL		.5
36	*THM-Dibromochloromethane		< MDL		2.0
37	Chlorobenzene		< MDL		.5
38	1,1,1,2-tetrachloroethane		< MDL		.5
39	Ethylbenzene		< MDL		.5
40	P & M-xylene		< MDL		.5
41	O-xylene		< MDL		.5
42	Styrene		< MDL		.5
43	1,1,1,2,2-tetrachloroethane		< MDL		.5
44	*THM-Bromoform		< MDL		2.0
45	Isopropylbenzene		< MDL		.5
46	1,2,3-trichloropropane		< MDL		.5
47	N-propylbenzene		< MDL		.5
48	Bromobenzene		< MDL		.5

REVIEWED BY AN
 DATE 11/23/01

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 11/23/2001 Time: 14:11:09

Sample: AD28104
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 11/21/01 00:01 Ended: 11/21/01 00:01 Analyst: BH
Result source: a:\28104.rr
Page: 2

	Component Name	Viol	Result	Qualifier	MDL
49	1,3,5-trimethylbenzene		< MDL		.5
50	2-chlorotoluene		< MDL		.5
51	4-chlorotoluene		< MDL		.5
52	TERT-butylbenzene		< MDL		.5
53	1,2,4-trimethylbenzene		< MDL		.5
54	SEC-butylbenzene		< MDL		.5
55	P-isopropyltoluene		< MDL		.5
56	1,3-dichlorobenzene		< MDL		.5
57	1,4-dichlorobenzene		< MDL		.5
58	N-butylbenzene		< MDL		.5
59	1,2-dichlorobenzene		< MDL		.5
60	1,2,4-trichlorobenzene		< MDL		.5
61	Hexachlorobutadiene		< MDL		.5
62	Naphthalene		< MDL		.5
63	1,2,3-trichlorobenzene		< MDL		.5

Quantitation Report

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\01nov21\28104.D
 Acq On : 21 Nov 2001 11:21 am
 Sample : 524 nyc
 Misc : November 21, 2001
 MS Integration Params: LSCINT.P
 Quant Time: Nov 21 12:00 2001

Vial: 5
 Operator: 201-wb
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Results File: HP110701.RES

Quant Method : C:\HPCHEM\1\METHODS\HP110701.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Last Update : Thu Nov 08 08:26:02 2001
 Response via : Initial Calibration
 DataAcq Meth : HP110701

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.12	114	679356	5.00	ug/L	0.00
24) CHLOROBENZENE-D5	21.78	117	589995	5.00	ug/L	0.00
52) 1,4-DICHLOROBENZENE-D4	26.95	152	263008	5.00	ug/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.35	65	445215	5.08	ug/L	0.00
Spiked Amount 5.000			Recovery	=	101.60%	
3) 4-BROMOFLUOROBENZENE	24.36	174	210245	4.03	ug/L	0.00
Spiked Amount 5.000			Recovery	=	80.60%	
25) TOLUENE-D8	18.48	98	813341	4.99	ug/L	0.02
Spiked Amount 5.000			Recovery	=	99.80%	
Target Compounds						Qvalue
5) CHLOROMETHANE	5.73	50	5017	0.21	ug/L	71
7) BROMOMETHANE	6.83	94	1323	0.06	ug/L	93
12) ACETONE	8.27	43	18223	2.17	ug/L	81
18) 2-BUTANONE (MEK)	12.05	43	3022	0.33	ug/L	66
46) 2-HEXANONE	19.18	43	1286	0.12	ug/L	33

 (#) = qualifier out of range (m) = manual integration
 28104.D HP110701.M Wed Nov 21 12:00:13 2001

Page 1

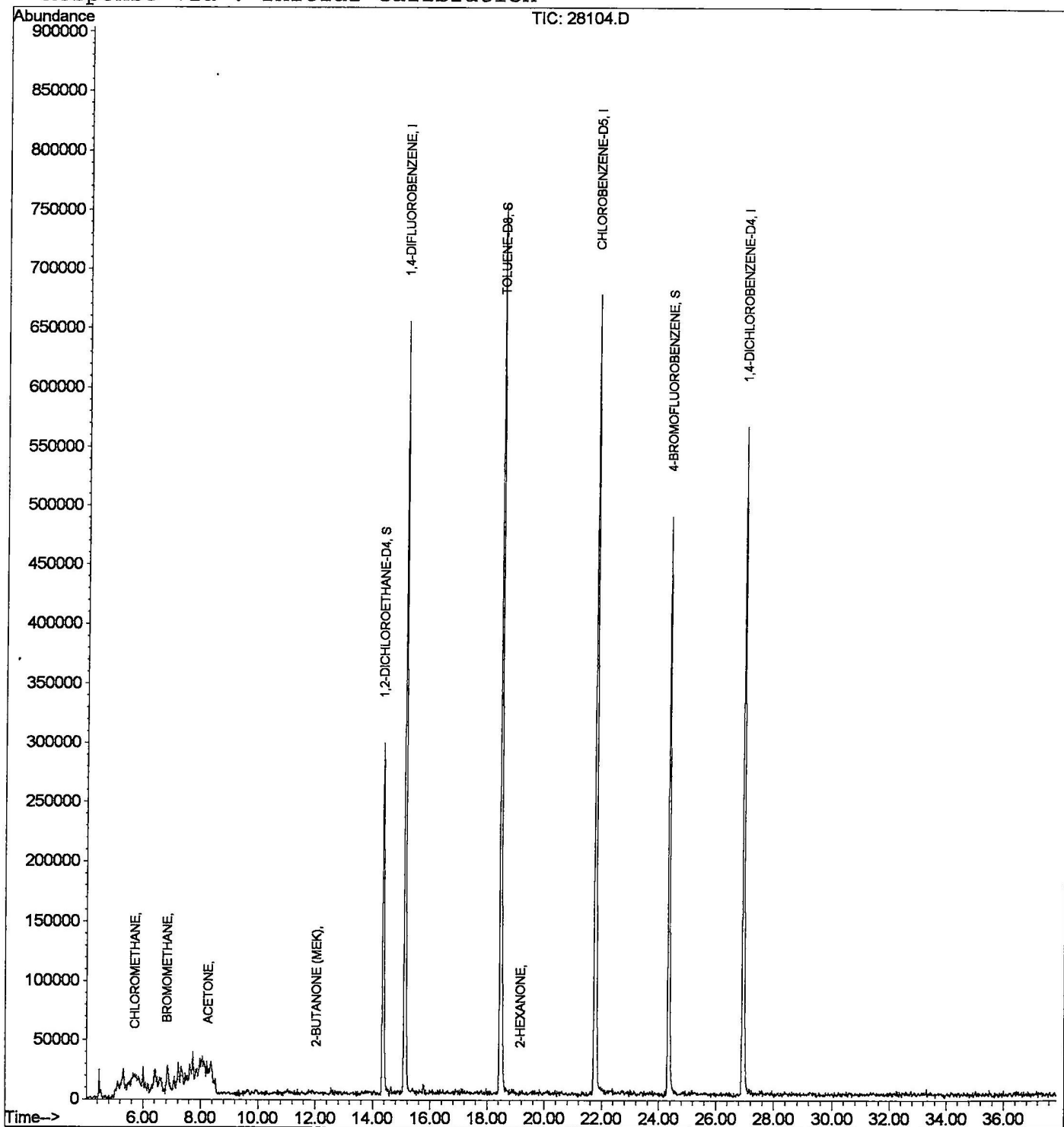
Quantitation Report

Data File : C:\HPCHEM\1\DATA\01nov21\28104.D
Acq On : 21 Nov 2001 11:21 am
Sample : 524 nyc
Misc : November 21, 2001
MS Integration Params: LSCINT.P
Quant Time: Nov 21 12:00 2001

Vial: 5
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: HP110701.RES

Method : C:\HPCHEM\1\METHODS\HP110701.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu Nov 08 08:08:25 2001
Response via : Initial Calibration



User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 11/23/2001 Time: 14:13:19

Sample: AD28106
 Analysis: \$524 Volatile Organic Compounds
 Units: ug
 Started: 11/21/01 00:02 Ended: 11/21/01 00:02 Analyst: BH
 Result source: a:\28106.rr
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		5.0		.5
2	Surr - 4-BROMOFLUOROBENZ		4.1		.5
3	Dichlorodifluoromethane		< MDL		.5
4	Chloromethane		< MDL		.5
5	Vinyl chloride		< MDL		.5
6	Bromomethane		< MDL		.5
7	Chloroethane		< MDL		.5
8	Trichlorofluoromethane		< MDL		.5
9	1,1-Dichloroethene		< MDL		.5
10	Methylene Chloride		< MDL		.5
11	Methyl tert-butyl ether (MTBE)		< MDL		1.0
12	trans-1,2-dichloroethene		< MDL		.5
13	1,1-dichloroethane		< MDL		.5
14	2-butanone (MEK)		< MDL		2.0
15	2,2-dichloropropane		< MDL		.5
16	cis-1,2-dichloroethene		< MDL		.5
17	*THM-Chloroform		< MDL		.5
18	Bromochloromethane		< MDL		.5
19	1,2-dichloroethane		< MDL		.5
20	Surr - TOLUENE-D8		4.9		.5
21	1,1,1- trichloroethane		< MDL		.5
22	1,1-dichloropropene		< MDL		.5
23	Carbon tetrachloride		< MDL		.5
24	Benzene		< MDL		.5
25	Trichloroethene		< MDL		.5
26	1,2-dichloropropane		< MDL		.5
27	Dibromomethane		< MDL		.5
28	*THM-Bromodichloromethane		< MDL		.5
29	Methyl iso-butyl ketone (MIBK)		< MDL		1.0
30	cis-1,3-dichloropropene		< MDL		.5
31	Toluene		< MDL		.5
32	trans-1,3-dichloropropene		< MDL		.5
33	1,1,2-trichloroethane		< MDL		.5
34	Tetrachloroethene		< MDL		.5
35	1,3-dichloropropane		< MDL		.5
36	*THM-Dibromochloromethane		< MDL		2.0
37	Chlorobenzene		< MDL		.5
38	1,1,1,2-tetrachloroethane		< MDL		.5
39	Ethylbenzene		< MDL		.5
40	P & M-xylene		< MDL		.5
41	O-xylene		< MDL		.5
42	Styrene		< MDL		.5
43	1,1,2,2-tetrachloroethane		< MDL		.5
44	*THM-Bromoform		< MDL		2.0
45	Isopropylbenzene		< MDL		.5
46	1,2,3-trichloropropane		< MDL		.5
47	N-propylbenzene		< MDL		.5
48	Bromobenzene		< MDL		.5

REVIEWED BY *AV*
 DATE *11/23/01*

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 11/23/2001 Time: 14:13:19

Sample: AD28106
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 11/21/01 00:02 Ended: 11/21/01 00:02 Analyst: BH
Result source: a:\28106.rr
Page: 2

	Component Name	Viol	Result	Qualifier	MDL
49	1,3,5-trimethylbenzene		< MDL		.5
50	2-chlorotoluene		< MDL		.5
51	4-chlorotoluene		< MDL		.5
52	TERT-butylbenzene		< MDL		.5
53	1,2,4-trimethylbenzene		< MDL		.5
54	SEC-butylbenzene		< MDL		.5
55	P-isopropyltoluene		< MDL		.5
56	1,3-dichlorobenzene		< MDL		.5
57	1,4-dichlorobenzene		< MDL		.5
58	N-butylbenzene		< MDL		.5
59	1,2-dichlorobenzene		< MDL		.5
60	1,2,4-trichlorobenzene		< MDL		.5
61	Hexachlorobutadiene		< MDL		.5
62	Naphthalene		< MDL		.5
63	1,2,3-trichlorobenzene		< MDL		.5

Quantitation Report

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\01nov21\28106.D
 Acq On : 21 Nov 2001 12:47 pm
 Sample : 524 nyc
 Misc : November 21, 2001
 MS Integration Params: LSCINT.P
 Quant Time: Nov 21 13:26 2001

Vial: 7
 Operator: 201-wb
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Results File: HP110701.RES

Quant Method : C:\HPCHEM\1\METHODS\HP110701.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Last Update : Thu Nov 08 08:26:02 2001
 Response via : Initial Calibration
 DataAcq Meth : HP110701

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-DIFLUOROBENZENE	15.14	114	675111	5.00	ug/L	0.02
24) CHLOROBENZENE-D5	21.78	117	579768	5.00	ug/L	0.00
52) 1,4-DICHLOROBENZENE-D4	26.97	152	260527	5.00	ug/L	0.02
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.37	65	436689	5.01	ug/L	0.02
Spiked Amount 5.000			Recovery	=	100.20%	
3) 4-BROMOFLUOROBENZENE	24.37	174	212803	4.10	ug/L	0.02
Spiked Amount 5.000			Recovery	=	82.00%	
25) TOLUENE-D8	18.48	98	787608	4.92	ug/L	0.02
Spiked Amount 5.000			Recovery	=	98.40%	
Target Compounds						Qvalue
5) CHLOROMETHANE	5.46	50	4049	0.17	ug/L	76
7) BROMOMETHANE	6.60	94	1299	0.06	ug/L	88
12) ACETONE	8.29	43	14682	1.76	ug/L	87
18) 2-BUTANONE (MEK)	12.04	43	2945	0.32	ug/L	66

 (#) = qualifier out of range (m) = manual integration
 28106.D HP110701.M Wed Nov 21 13:26:10 2001

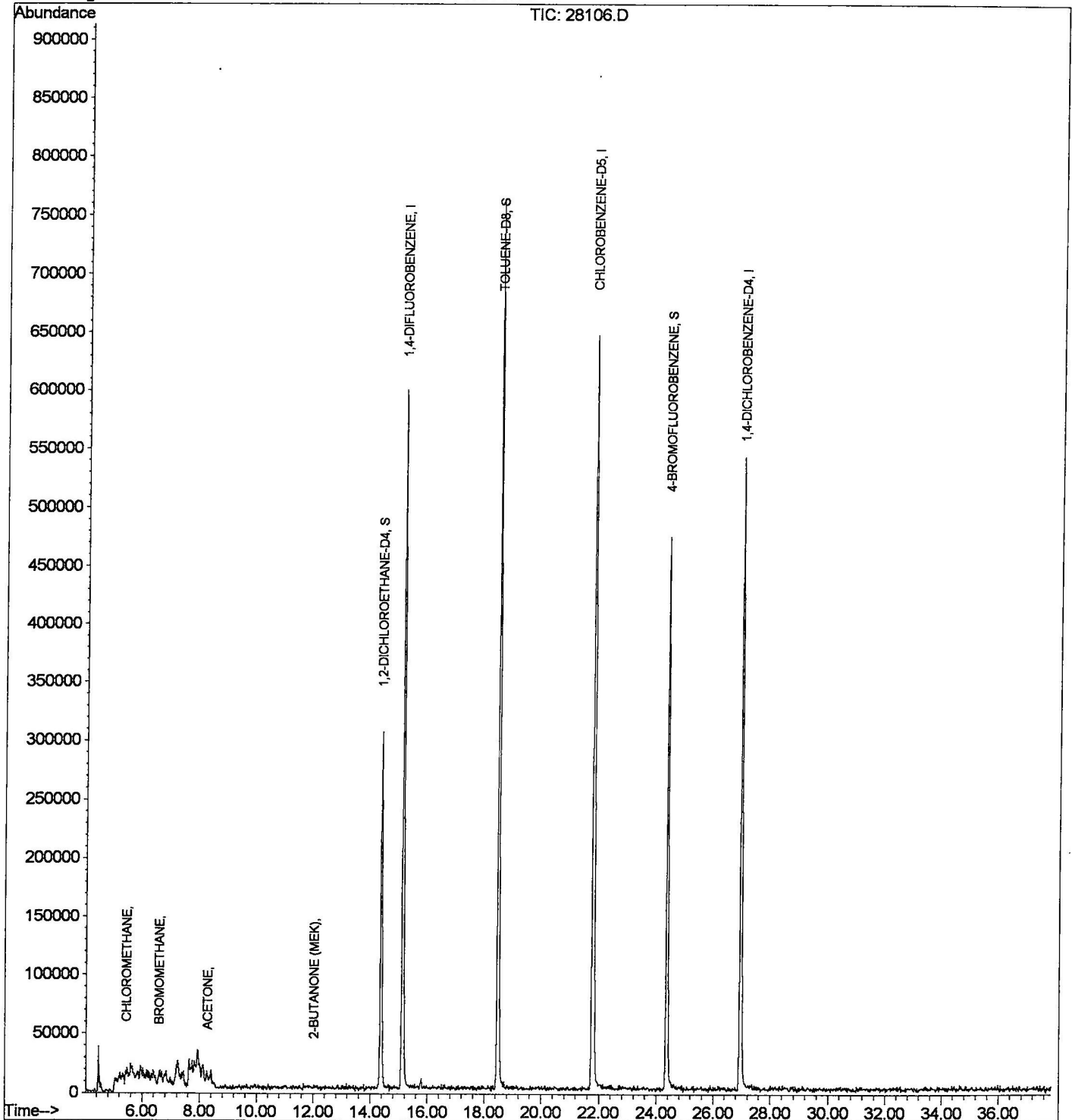
Quantitation Report

Data File : C:\HPCHEM\1\DATA\01nov21\28106.D
 Acq On : 21 Nov 2001 12:47 pm
 Sample : 524 nyc
 Misc : November 21, 2001
 MS Integration Params: LSCINT.P
 Quant Time: Nov 21 13:26 2001

Vial: 7
 Operator: 201-wb
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Results File: HP110701.RES

Method : C:\HPCHEM\1\METHODS\HP110701.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Last Update : Thu Nov 08 08:08:25 2001
 Response via : Initial Calibration



User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 11/23/2001 Time: 14:14:21

Sample: AD28308
 Analysis: \$524 Volatile Organic Compounds
 Units: ug
 Started: 11/21/01 00:01 Ended: 11/21/01 00:01 Analyst: BH
 Result source: a:\28308.rr
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		5.0		.5
2	Surr - 4-BROMOFLUOROBENZ		3.9		.5
3	Dichlorodifluoromethane		< MDL		.5
4	Chloromethane		< MDL		.5
5	Vinyl chloride		< MDL		.5
6	Bromomethane		< MDL		.5
7	Chloroethane		< MDL		.5
8	Trichlorofluoromethane		< MDL		.5
9	1,1-Dichloroethene		< MDL		.5
10	Methylene Chloride		< MDL		.5
11	Methyl tert-butyl ether (MTBE)		< MDL		1.0
12	trans-1,2-dichloroethene		< MDL		.5
13	1,1-dichloroethane		< MDL		.5
14	2-butanone (MEK)		< MDL		2.0
15	2,2-dichloropropane		< MDL		.5
16	cis-1,2-dichloroethene		< MDL		.5
17	*THM-Chloroform		< MDL		.5
18	Bromochloromethane		< MDL		.5
19	1,2-dichloroethane		< MDL		.5
20	Surr - TOLUENE-D8		5.1		.5
21	1,1,1- trichloroethane		< MDL		.5
22	1,1-dichloropropene		< MDL		.5
23	Carbon tetrachloride		< MDL		.5
24	Benzene		< MDL		.5
25	Trichloroethene		< MDL		.5
26	1,2-dichloropropane		< MDL		.5
27	Dibromomethane		< MDL		.5
28	*THM-Bromodichloromethane		< MDL		.5
29	Methyl iso-butyl ketone (MIBK)		< MDL		1.0
30	cis-1,3-dichloropropene		< MDL		.5
31	Toluene		< MDL		.5
32	trans-1,3-dichloropropene		< MDL		.5
33	1,1,2-trichloroethane		< MDL		.5
34	Tetrachloroethene		< MDL		.5
35	1,3-dichloropropane		< MDL		.5
36	*THM-Dibromochloromethane		< MDL		2.0
37	Chlorobenzene		< MDL		.5
38	1,1,1,2-tetrachloroethane		< MDL		.5
39	Ethylbenzene		< MDL		.5
40	P & M-xylene		< MDL		.5
41	O-xylene		< MDL		.5
42	Styrene		< MDL		.5
43	1,1,2,2-tetrachloroethane		< MDL		.5
44	*THM-Bromoform		< MDL		2.0
45	Isopropylbenzene		< MDL		.5
46	1,2,3-trichloropropane		< MDL		.5
47	N-propylbenzene		< MDL		.5
48	Bromobenzene		< MDL		.5

REVIEWED BY	<i>AN</i>
DATE	11/23/01

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 11/23/2001 Time: 14:14:21

Sample: AD28308
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 11/21/01 00:01 Ended: 11/21/01 00:01 Analyst: BH
Result source: a:\28308.rr
Page: 2

	Component Name	Viol	Result	Qualifier	MDL
49	1,3,5-trimethylbenzene		< MDL		.5
50	2-chlorotoluene		< MDL		.5
51	4-chlorotoluene		< MDL		.5
52	TERT-butylbenzene		< MDL		.5
53	1,2,4-trimethylbenzene		< MDL		.5
54	SEC-butylbenzene		< MDL		.5
55	P-isopropyltoluene		< MDL		.5
56	1,3-dichlorobenzene		< MDL		.5
57	1,4-dichlorobenzene		< MDL		.5
58	N-butylbenzene		< MDL		.5
59	1,2-dichlorobenzene		< MDL		.5
60	1,2,4-trichlorobenzene		< MDL		.5
61	Hexachlorobutadiene		< MDL		.5
62	Naphthalene		< MDL		.5
63	1,2,3-trichlorobenzene		< MDL		.5

Quantitation Report

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\01nov21\28308.D
 Acq On : 21 Nov 2001 1:30 pm
 Sample : 524 nyc
 Misc : November 21, 2001
 MS Integration Params: LSCINT.P
 Quant Time: Nov 21 14:09 2001

Vial: 8
 Operator: 201-wb
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Results File: HP110701.RES

Quant Method : C:\HPCHEM\1\METHODS\HP110701.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Last Update : Thu Nov 08 08:26:02 2001
 Response via : Initial Calibration
 DataAcq Meth : HP110701

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-DIFLUOROBENZENE	15.14	114	650842	5.00	ug/L	0.02
24) CHLOROBENZENE-D5	21.79	117	550656	5.00	ug/L	0.02
52) 1,4-DICHLOROBENZENE-D4	26.97	152	246664	5.00	ug/L	0.02
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.37	65	418125	4.98	ug/L	0.02
Spiked Amount 5.000			Recovery	=	99.60%	
3) 4-BROMOFLUOROBENZENE	24.37	174	196831	3.94	ug/L	0.02
Spiked Amount 5.000			Recovery	=	78.80%	
25) TOLUENE-D8	18.48	98	769778	5.06	ug/L	0.02
Spiked Amount 5.000			Recovery	=	101.20%	
Target Compounds						Qvalue
5) CHLOROMETHANE	5.32	50	4841	0.21	ug/L	97
7) BROMOMETHANE	6.83	94	1300	0.07	ug/L	62
10) Isopropyl Alcohol	7.68	45	3013	4.43	ug/L	94
12) ACETONE	8.27	43	12005	1.49	ug/L	98
18) 2-BUTANONE (MEK)	12.05	43	4789	0.54	ug/L	66
46) 2-HEXANONE	19.27	43	1011	0.10	ug/L	33

 (#) = qualifier out of range (m) = manual integration
 28308.D HP110701.M Wed Nov 21 14:09:10 2001

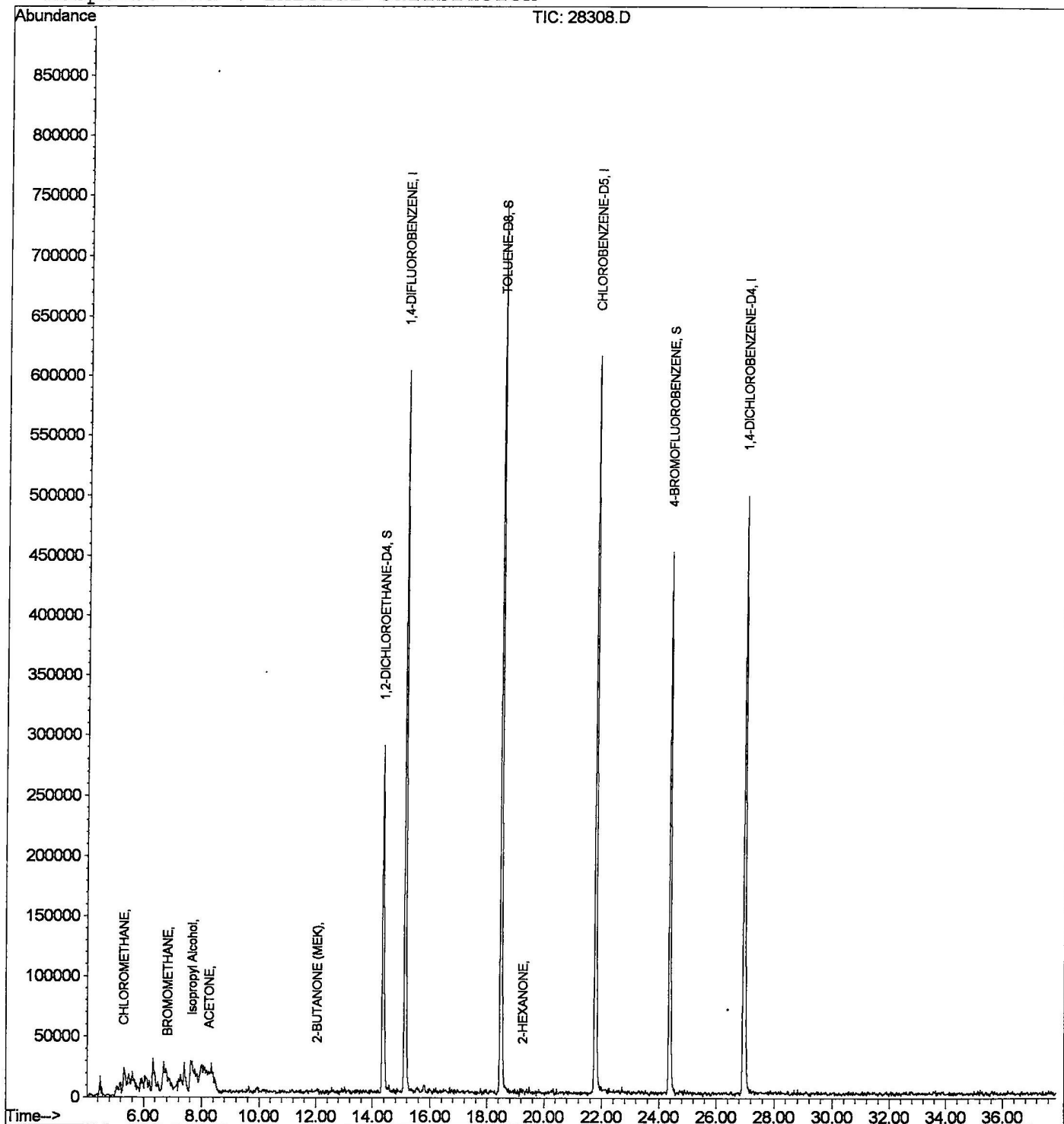
Quantitation Report

Data File : C:\HPCHEM\1\DATA\01nov21\28308.D
Acq On : 21 Nov 2001 1:30 pm
Sample : 524 nyc
Misc : November 21, 2001
MS Integration Params: LSCINT.P
Quant Time: Nov 21 14:09 2001

Vial: 8
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: HP110701.RES

Method : C:\HPCHEM\1\METHODS\HP110701.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu Nov 08 08:08:25 2001
Response via : Initial Calibration



User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 11/23/2001 Time: 14:17:58

Sample: AD28309
 Analysis: \$524 Volatile Organic Compounds
 Units: ug
 Started: 11/21/01 14:16 Ended: 11/21/01 14:16 Analyst: BH
 Result source: manual entry
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		4.8		.5
2	Surr - 4-BROMOFLUOROBENZ		4.0		.5
3	Dichlorodifluoromethane		< MDL		.5
4	Chloromethane		< MDL		.5
5	Vinyl chloride		< MDL		.5
6	Bromomethane		< MDL		.5
7	Chloroethane		< MDL		.5
8	Trichlorofluoromethane		< MDL		.5
9	1,1-Dichloroethene		< MDL		.5
10	Methylene Chloride		< MDL		.5
11	Methyl tert-butyl ether (MTBE)		< MDL		1.0
12	trans-1,2-dichloroethene		< MDL		.5
13	1,1-dichloroethane		< MDL		.5
14	2-butanone (MEK)		< MDL		2.0
15	2,2-dichloropropane		< MDL		.5
16	cis-1,2-dichloroethene		< MDL		.5
17	*THM-Chloroform		< MDL		.5
18	Bromochloromethane		< MDL		.5
19	1,2-dichloroethane		< MDL		.5
20	Surr - TOLUENE-D8		5.0		.5
21	1,1,1- trichloroethane		< MDL		.5
22	1,1-dichloropropene		< MDL		.5
23	Carbon tetrachloride		< MDL		.5
24	Benzene		< MDL		.5
25	Trichloroethene		< MDL		.5
26	1,2-dichloropropane		< MDL		.5
27	Dibromomethane		< MDL		.5
28	*THM-Bromodichloromethane		< MDL		.5
29	Methyl iso-butyl ketone (MIBK)		< MDL		1.0
30	cis-1,3-dichloropropene		< MDL		.5
31	Toluene		< MDL		.5
32	trans-1,3-dichloropropene		< MDL		.5
33	1,1,2-trichloroethane		< MDL		.5
34	Tetrachloroethene		< MDL		.5
35	1,3-dichloropropane		< MDL		.5
36	*THM-Dibromochloromethane		< MDL		2.0
37	Chlorobenzene		< MDL		.5
38	1,1,1,2-tetrachloroethane		< MDL		.5
39	Ethylbenzene		< MDL		.5
40	P & M-xylene		< MDL		.5
41	O-xylene		< MDL		.5
42	Styrene		< MDL		.5
43	1,1,1,2,2-tetrachloroethane		< MDL		.5
44	*THM-Bromoform		< MDL		2.0
45	Isopropylbenzene		< MDL		.5
46	1,2,3-trichloropropane		< MDL		.5
47	N-propylbenzene		< MDL		.5
48	Bromobenzene		< MDL		.5

REVIEWED BY AR
 DATE 11/23/01

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 11/23/2001 Time: 14:17:58

Sample: AD28309
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 11/21/01 14:16 Ended: 11/21/01 14:16 Analyst: BH
Result source: manual entry
Page: 2

	Component Name	Viol	Result	Qualifier	MDL
49	1,3,5-trimethylbenzene		< MDL		.5
50	2-chlorotoluene		< MDL		.5
51	4-chlorotoluene		< MDL		.5
52	TERT-butylbenzene		< MDL		.5
53	1,2,4-trimethylbenzene		< MDL		.5
54	SEC-butylbenzene		< MDL		.5
55	P-isopropyltoluene		< MDL		.5
56	1,3-dichlorobenzene		< MDL		.5
57	1,4-dichlorobenzene		< MDL		.5
58	N-butylbenzene		< MDL		.5
59	1,2-dichlorobenzene		< MDL		.5
60	1,2,4-trichlorobenzene		< MDL		.5
61	Hexachlorobutadiene		< MDL		.5
62	Naphthalene		< MDL		.5
63	1,2,3-trichlorobenzene		< MDL		.5

Quantitation Report

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\01nov21\28309.D
 Acq On : 21 Nov 2001 2:13 pm
 Sample : 524 nyc
 Misc : November 21, 2001
 MS Integration Params: LSCINT.P
 Quant Time: Nov 21 14:51 2001

Vial: 9
 Operator: 201-wb
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Results File: HP110701.RES

Quant Method : C:\HPCHEM\1\METHODS\HP110701.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Last Update : Thu Nov 08 08:26:02 2001
 Response via : Initial Calibration
 DataAcq Meth : HP110701

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.14	114	628184	5.00	ug/L	0.02
24) CHLOROBENZENE-D5	21.79	117	536505	5.00	ug/L	0.02
52) 1,4-DICHLOROBENZENE-D4	26.97	152	238321	5.00	ug/L	0.02
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.37	65	392929	4.85	ug/L	0.02
Spiked Amount 5.000			Recovery	=	97.00%	
3) 4-BROMOFLUOROBENZENE	24.37	174	190592	3.95	ug/L	0.02
Spiked Amount 5.000			Recovery	=	79.00%	
25) TOLUENE-D8	18.48	98	734748	4.96	ug/L	0.02
Spiked Amount 5.000			Recovery	=	99.20%	
Target Compounds						Qvalue
5) CHLOROMETHANE	5.55	50	2836	0.13	ug/L	86
12) ACETONE	8.27	43	10116	1.30	ug/L	97
18) 2-BUTANONE (MEK)	12.04	43	3031	0.36	ug/L	66

 (#) = qualifier out of range (m) = manual integration
 28309.D HP110701.M Wed Nov 21 14:52:03 2001

Page 1

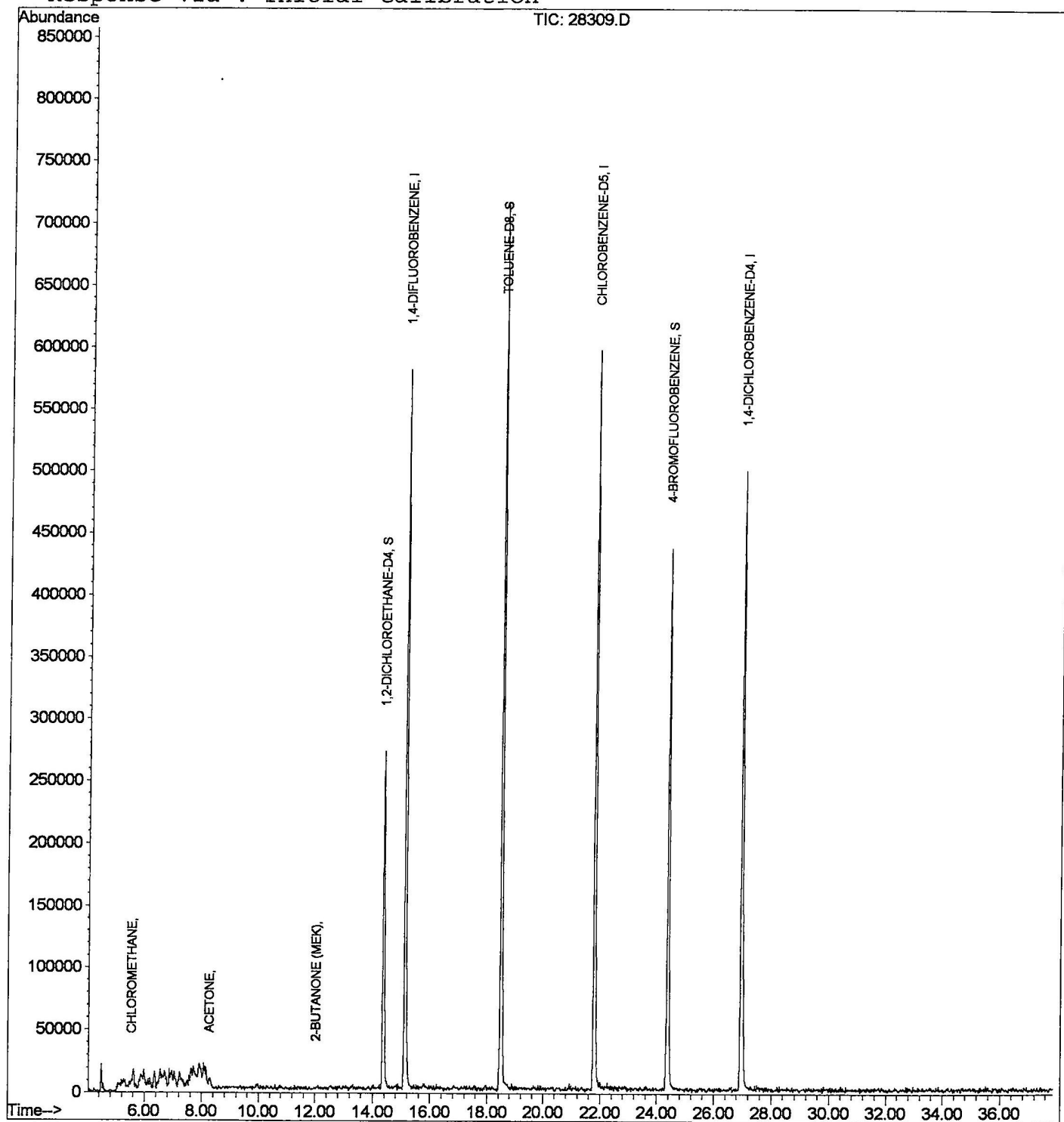
Quantitation Report

Data File : C:\HPCHEM\1\DATA\01nov21\28309.D
Acq On : 21 Nov 2001 2:13 pm
Sample : 524 nyc
Misc : November 21, 2001
MS Integration Params: LSCINT.P
Quant Time: Nov 21 14:51 2001

Vial: 9
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: HP110701.RES

Method : C:\HPCHEM\1\METHODS\HP110701.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu Nov 08 08:08:25 2001
Response via : Initial Calibration



User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 11/23/2001 Time: 14:18:47

Sample: AD28310
 Analysis: \$524 Volatile Organic Compounds
 Units: ug
 Started: 11/21/01 00:02 Ended: 11/21/01 00:02 Analyst: BH
 Result source: a:\28310.rr
 Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		4.9		.5
2	Surr - 4-BROMOFLUOROBENZ		4.0		.5
3	Dichlorodifluoromethane		< MDL		.5
4	Chloromethane		< MDL		.5
5	Vinyl chloride		< MDL		.5
6	Bromomethane		< MDL		.5
7	Chloroethane		< MDL		.5
8	Trichlorofluoromethane		< MDL		.5
9	1,1-Dichloroethene		< MDL		.5
10	Methylene Chloride		< MDL		.5
11	Methyl tert-butyl ether (MTBE)		< MDL		1.0
12	trans-1,2-dichloroethene		< MDL		.5
13	1,1-dichloroethane		< MDL		.5
14	2-butanone (MEK)		< MDL		2.0
15	2,2-dichloropropane		< MDL		.5
16	cis-1,2-dichloroethene		< MDL		.5
17	*THM-Chloroform		< MDL		.5
18	Bromochloromethane		< MDL		.5
19	1,2-dichloroethane		< MDL		.5
20	Surr - TOLUENE-D8		5.1		.5
21	1,1,1- trichloroethane		< MDL		.5
22	1,1-dichloropropene		< MDL		.5
23	Carbon tetrachloride		< MDL		.5
24	Benzene		< MDL		.5
25	Trichloroethene		< MDL		.5
26	1,2-dichloropropane		< MDL		.5
27	Dibromomethane		< MDL		.5
28	*THM-Bromodichloromethane		< MDL		.5
29	Methyl iso-butyl ketone (MIBK)		< MDL		1.0
30	cis-1,3-dichloropropene		< MDL		.5
31	Toluene		< MDL		.5
32	trans-1,3-dichloropropene		< MDL		.5
33	1,1,2-trichloroethane		< MDL		.5
34	Tetrachloroethene		< MDL		.5
35	1,3-dichloropropane		< MDL		.5
36	*THM-Dibromochloromethane		< MDL		2.0
37	Chlorobenzene		< MDL		.5
38	1,1,1,2-tetrachloroethane		< MDL		.5
39	Ethylbenzene		< MDL		.5
40	P & M-xylene		< MDL		.5
41	O-xylene		< MDL		.5
42	Styrene		< MDL		.5
43	1,1,2,2-tetrachloroethane		< MDL		.5
44	*THM-Bromoform		< MDL		2.0
45	Isopropylbenzene		< MDL		.5
46	1,2,3-trichloropropane		< MDL		.5
47	N-propylbenzene		< MDL		.5
48	Bromobenzene		< MDL		.5

REVIEWED BY *AV*
 DATE *11/23/01*

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 11/23/2001 Time: 14:18:47

Sample: AD28310
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 11/21/01 00:02 Ended: 11/21/01 00:02 Analyst: BH
Result source: a:\28310.rr
Page: 2

	Component Name	Viol	Result	Qualifier	MDL
49	1,3,5-trimethylbenzene		< MDL		.5
50	2-chlorotoluene		< MDL		.5
51	4-chlorotoluene		< MDL		.5
52	TERT-butylbenzene		< MDL		.5
53	1,2,4-trimethylbenzene		< MDL		.5
54	SEC-butylbenzene		< MDL		.5
55	P-isopropyltoluene		< MDL		.5
56	1,3-dichlorobenzene		< MDL		.5
57	1,4-dichlorobenzene		< MDL		.5
58	N-butylbenzene		< MDL		.5
59	1,2-dichlorobenzene		< MDL		.5
60	1,2,4-trichlorobenzene		< MDL		.5
61	Hexachlorobutadiene		< MDL		.5
62	Naphthalene		< MDL		.5
63	1,2,3-trichlorobenzene		< MDL		.5

Quantitation Report

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\01nov21\28310.D
 Acq On : 21 Nov 2001 2:56 pm
 Sample : 524 nyc
 Misc : November 21, 2001
 MS Integration Params: LSCINT.P
 Quant Time: Nov 21 15:34 2001

Vial: 10
 Operator: 201-wb
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Results File: HP110701.RES

Quant Method : C:\HPCHEM\1\METHODS\HP110701.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Last Update : Thu Nov 08 08:26:02 2001
 Response via : Initial Calibration
 DataAcq Meth : HP110701

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.14	114	640257	5.00	ug/L	0.02
24) CHLOROBENZENE-D5	21.79	117	541395	5.00	ug/L	0.02
52) 1,4-DICHLOROBENZENE-D4	26.97	152	253773	5.00	ug/L	0.02
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.37	65	402864	4.87	ug/L	0.02
Spiked Amount 5.000			Recovery	=	97.40%	
3) 4-BROMOFLUOROBENZENE	24.37	174	194493	3.96	ug/L	0.02
Spiked Amount 5.000			Recovery	=	79.20%	
25) TOLUENE-D8	18.48	98	762021	5.09	ug/L	0.02
Spiked Amount 5.000			Recovery	=	101.80%	
Target Compounds						Qvalue
12) ACETONE	8.29	43	10582	1.34	ug/L	73
18) 2-BUTANONE (MEK)	12.04	43	2874	0.33	ug/L	66

 (#) = qualifier out of range (m) = manual integration
 28310.D HP110701.M Wed Nov 21 15:35:01 2001

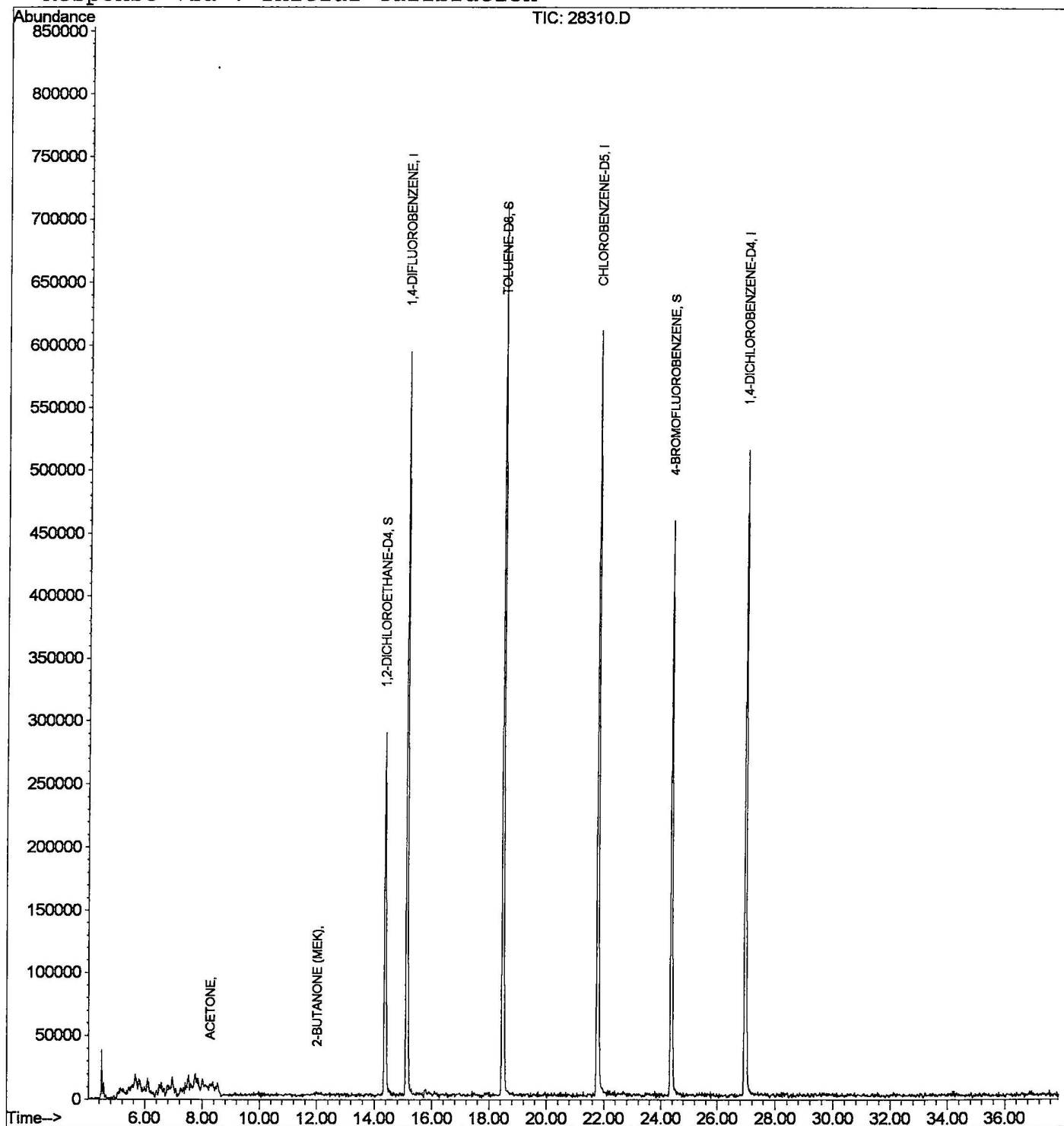
Quantitation Report

Data File : C:\HPCHEM\1\DATA\01nov21\28310.D
Acq On : 21 Nov 2001 2:56 pm
Sample : 524 nyc
Misc : November 21, 2001
MS Integration Params: LSCINT.P
Quant Time: Nov 21 15:34 2001

Vial: 10
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: HP110701.RES

Method : C:\HPCHEM\1\METHODS\HP110701.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu Nov 08 08:08:25 2001
Response via : Initial Calibration



User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 11/23/2001 Time: 14:20:05

Sample: AD28322
 Analysis: \$524 Volatile Organic Compounds
 Units: ug
 Started: 11/21/01 00:03 Ended: 11/21/01 00:03 Analyst: BH
 Result source: a:\28322.rr
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		4.7		.5
2	Surr - 4-BROMOFLUOROBENZ		3.8		.5
3	Dichlorodifluoromethane		< MDL		.5
4	Chloromethane		< MDL		.5
5	Vinyl chloride		< MDL		.5
6	Bromomethane		< MDL		.5
7	Chloroethane		< MDL		.5
8	Trichlorofluoromethane		< MDL		.5
9	1,1-Dichloroethene		< MDL		.5
10	Methylene Chloride		< MDL		.5
11	Methyl tert-butyl ether (MTBE)		< MDL		1.0
12	trans-1,2-dichloroethene		< MDL		.5
13	1,1-dichloroethane		< MDL		.5
14	2-butanone (MEK)		< MDL		2.0
15	2,2-dichloropropane		< MDL		.5
16	cis-1,2-dichloroethene		< MDL		.5
17	*THM-Chloroform		< MDL		.5
18	Bromochloromethane		< MDL		.5
19	1,2-dichloroethane		< MDL		.5
20	Surr - TOLUENE-D8		5.1		.5
21	1,1,1- trichloroethane		< MDL		.5
22	1,1-dichloropropene		< MDL		.5
23	Carbon tetrachloride		< MDL		.5
24	Benzene		< MDL		.5
25	Trichloroethene		< MDL		.5
26	1,2-dichloropropane		< MDL		.5
27	Dibromomethane		< MDL		.5
28	*THM-Bromodichloromethane		< MDL		.5
29	Methyl iso-butyl ketone (MIBK)		< MDL		1.0
30	cis-1,3-dichloropropene		< MDL		.5
31	Toluene		< MDL		.5
32	trans-1,3-dichloropropene		< MDL		.5
33	1,1,2-trichloroethane		< MDL		.5
34	Tetrachloroethene		< MDL		.5
35	1,3-dichloropropane		< MDL		.5
36	*THM-Dibromochloromethane		< MDL		2.0
37	Chlorobenzene		< MDL		.5
38	1,1,1,2-tetrachloroethane		< MDL		.5
39	Ethylbenzene		< MDL		.5
40	P & M-xylene		< MDL		.5
41	O-xylene		< MDL		.5
42	Styrene		< MDL		.5
43	1,1,2,2-tetrachloroethane		< MDL		.5
44	*THM-Bromoform		< MDL		2.0
45	Isopropylbenzene		< MDL		.5
46	1,2,3-trichloropropane		< MDL		.5
47	N-propylbenzene		< MDL		.5
48	Bromobenzene		< MDL		.5

REVIEWED BY	<i>AV</i>
DATE	<i>11/23/01</i>

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 11/23/2001 Time: 14:20:05

Sample: AD28322
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 11/21/01 00:03 Ended: 11/21/01 00:03 Analyst: BH
Result source: a:\28322.rr
Page: 2

	Component Name	Viol	Result	Qualifier	MDL
49	1,3,5-trimethylbenzene		< MDL		.5
50	2-chlorotoluene		< MDL		.5
51	4-chlorotoluene		< MDL		.5
52	TERT-butylbenzene		< MDL		.5
53	1,2,4-trimethylbenzene		< MDL		.5
54	SEC-butylbenzene		< MDL		.5
55	P-isopropyltoluene		< MDL		.5
56	1,3-dichlorobenzene		< MDL		.5
57	1,4-dichlorobenzene		< MDL		.5
58	N-butylbenzene		< MDL		.5
59	1,2-dichlorobenzene		< MDL		.5
60	1,2,4-trichlorobenzene		< MDL		.5
61	Hexachlorobutadiene		< MDL		.5
62	Naphthalene		< MDL		.5
63	1,2,3-trichlorobenzene		< MDL		.5

Quantitation Report

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\01nov21\28322.D

Vial: 11

Acq On : 21 Nov 2001 3:39 pm

Operator: 201-wb

Sample : 524 nyc

Inst : GC/MS Ins

Misc : November 21, 2001

Multiplr: 1.00

MS Integration Params: LSCINT.P

Quant Time: Nov 21 16:17 2001

Quant Results File: HP110701.RES

Quant Method : C:\HPCHEM\1\METHODS\HP110701.M (RTE Integrator)

Title : VOCs BY EPA METHOD 524

Last Update : Thu Nov 08 08:26:02 2001

Response via : Initial Calibration

DataAcq Meth : HP110701

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.14	114	647710	5.00	ug/L	0.02
24) CHLOROBENZENE-D5	21.79	117	540324	5.00	ug/L	0.02
52) 1,4-DICHLOROBENZENE-D4	26.97	152	240216	5.00	ug/L	0.02
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.37	65	396007	4.74	ug/L	0.02
Spiked Amount 5.000			Recovery	=	94.80%	
3) 4-BROMOFLUOROBENZENE	24.37	174	191109	3.84	ug/L	0.02
Spiked Amount 5.000			Recovery	=	76.80%	
25) TOLUENE-D8	18.48	98	755410	5.06	ug/L	0.02
Spiked Amount 5.000			Recovery	=	101.20%	
Target Compounds						Qvalue
5) CHLOROMETHANE	5.50	50	3638	0.16	ug/L	84
10) Isopropyl Alcohol	8.20	45	966	1.43	ug/L	83
12) ACETONE	8.29	43	39520	4.94	ug/L	94
14) METHYLENE CHLORIDE	9.65	49	18173	0.36	ug/L	94
18) 2-BUTANONE (MEK)	12.00	43	2861	0.33	ug/L	66
46) 2-HEXANONE	19.18	43	800	0.08	ug/L	33

(#) = qualifier out of range (m) = manual integration

28322.D HP110701.M Wed Nov 21 16:17:52 2001

Page 1

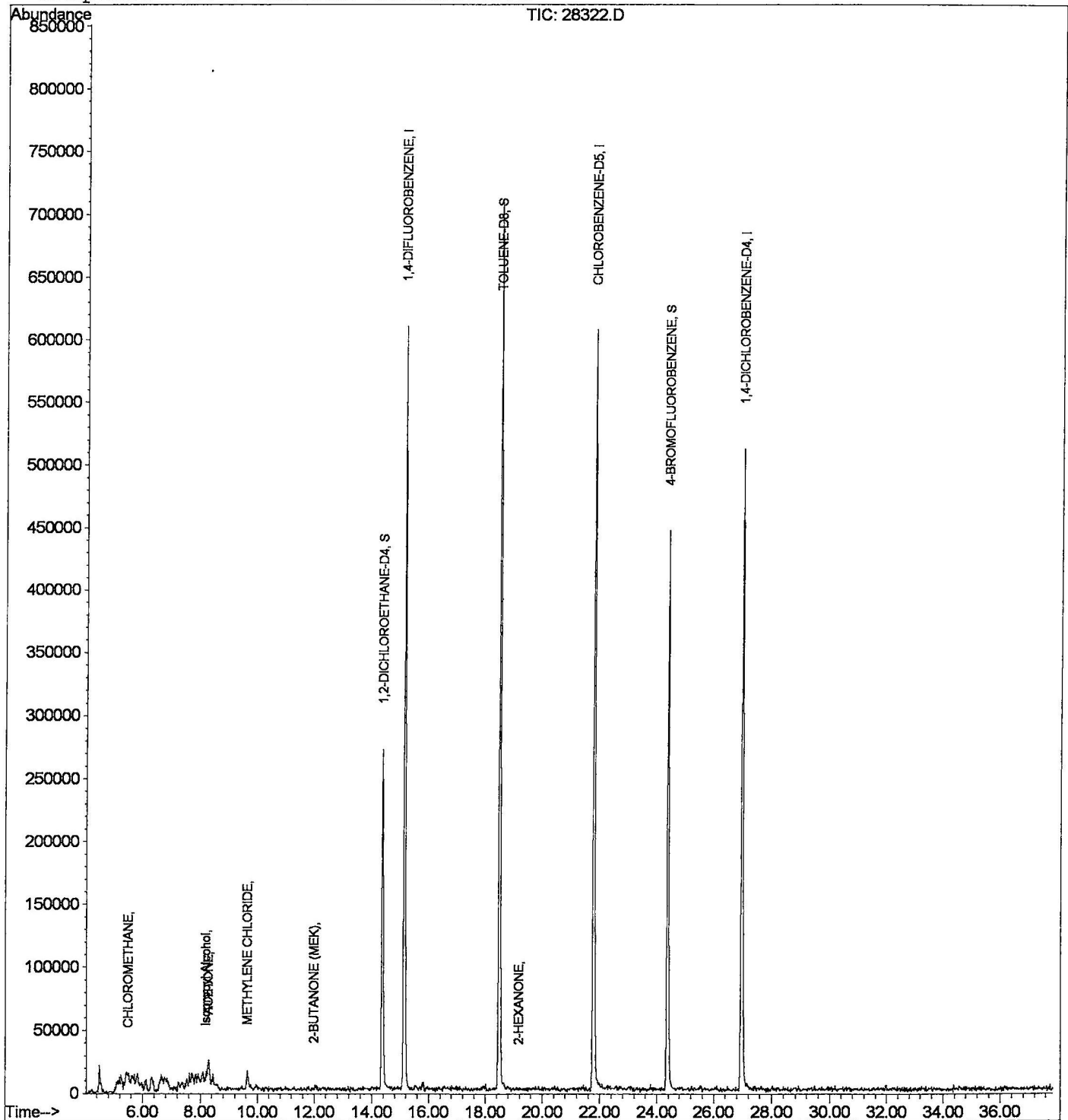
Quantitation Report

Data File : C:\HPCHEM\1\DATA\01nov21\28322.D
Acq On : 21 Nov 2001 3:39 pm
Sample : 524 nyc
Misc : November 21, 2001
MS Integration Params: LSCINT.P
Quant Time: Nov 21 16:17 2001

Vial: 11
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: HP110701.RES

Method : C:\HPCHEM\1\METHODS\HP110701.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu Nov 08 08:08:25 2001
Response via : Initial Calibration



User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 11/23/2001 Time: 14:21:50

Sample: AD28323
 Analysis: \$524 Volatile Organic Compounds
 Units: ug
 Started: 11/21/01 00:05 Ended: 11/21/01 00:05 Analyst: BH
 Result source: a:\28323.rr
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		4.8		.5
2	Surr - 4-BROMOFLUOROBENZ		3.9		.5
3	Dichlorodifluoromethane		< MDL		.5
4	Chloromethane		< MDL		.5
5	Vinyl chloride		< MDL		.5
6	Bromomethane		< MDL		.5
7	Chloroethane		< MDL		.5
8	Trichlorofluoromethane		< MDL		.5
9	1,1-Dichloroethene		< MDL		.5
10	Methylene Chloride		< MDL		.5
11	Methyl tert-butyl ether (MTBE)		< MDL		1.0
12	trans-1,2-dichloroethene		< MDL		.5
13	1,1-dichloroethane		< MDL		.5
14	2-butanone (MEK)		< MDL		2.0
15	2,2-dichloropropane		< MDL		.5
16	cis-1,2-dichloroethene		< MDL		.5
17	*THM-Chloroform		< MDL		.5
18	Bromochloromethane		< MDL		.5
19	1,2-dichloroethane		< MDL		.5
20	Surr - TOLUENE-D8		5.0		.5
21	1,1,1- trichloroethane		< MDL		.5
22	1,1-dichloropropene		< MDL		.5
23	Carbon tetrachloride		< MDL		.5
24	Benzene		< MDL		.5
25	Trichloroethene		< MDL		.5
26	1,2-dichloropropane		< MDL		.5
27	Dibromomethane		< MDL		.5
28	*THM-Bromodichloromethane		< MDL		.5
29	Methyl iso-butyl ketone (MIBK)		< MDL		1.0
30	cis-1,3-dichloropropene		< MDL		.5
31	Toluene		< MDL		.5
32	trans-1,3-dichloropropene		< MDL		.5
33	1,1,2-trichloroethane		< MDL		.5
34	Tetrachloroethene		< MDL		.5
35	1,3-dichloropropane		< MDL		.5
36	*THM-Dibromochloromethane		< MDL		2.0
37	Chlorobenzene		< MDL		.5
38	1,1,1,2-tetrachloroethane		< MDL		.5
39	Ethylbenzene		< MDL		.5
40	P & M-xylene		< MDL		.5
41	O-xylene		< MDL		.5
42	Styrene		< MDL		.5
43	1,1,2,2-tetrachloroethane		< MDL		.5
44	*THM-Bromoform		< MDL		2.0
45	Isopropylbenzene		< MDL		.5
46	1,2,3-trichloropropane		< MDL		.5
47	N-propylbenzene		< MDL		.5
48	Bromobenzene		< MDL		.5

REVIEWED BY *AN*
 DATE *11/23/01*

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 11/23/2001 Time: 14:21:50

Sample: AD28323
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 11/21/01 00:05 Ended: 11/21/01 00:05 Analyst: BH
Result source: a:\28323.rr
Page: 2

	Component Name	Viol	Result	Qualifier	MDL
49	1,3,5-trimethylbenzene		< MDL		.5
50	2-chlorotoluene		< MDL		.5
51	4-chlorotoluene		< MDL		.5
52	TERT-butylbenzene		< MDL		.5
53	1,2,4-trimethylbenzene		< MDL		.5
54	SEC-butylbenzene		< MDL		.5
55	P-isopropyltoluene		< MDL		.5
56	1,3-dichlorobenzene		< MDL		.5
57	1,4-dichlorobenzene		< MDL		.5
58	N-butylbenzene		< MDL		.5
59	1,2-dichlorobenzene		< MDL		.5
60	1,2,4-trichlorobenzene		< MDL		.5
61	Hexachlorobutadiene		< MDL		.5
62	Naphthalene		< MDL		.5
63	1,2,3-trichlorobenzene		< MDL		.5

Quantitation Report

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\01nov21\28323.D
 Acq On : 21 Nov 2001 5:05 pm
 Sample : 524 nyc
 Misc : November 21, 2001
 MS Integration Params: LSCINT.P
 Quant Time: Nov 21 17:43 2001

Vial: 13
 Operator: 201-wb
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Results File: HP110701.RES

Quant Method : C:\HPCHEM\1\METHODS\HP110701.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Last Update : Thu Nov 08 08:26:02 2001
 Response via : Initial Calibration
 DataAcq Meth : HP110701

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.14	114	683440	5.00	ug/L	0.02
24) CHLOROBENZENE-D5	21.79	117	585551	5.00	ug/L	0.02
52) 1,4-DICHLOROBENZENE-D4	26.97	152	254551	5.00	ug/L	0.02
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.37	65	426547	4.83	ug/L	0.02
Spiked Amount 5.000			Recovery	=	96.60%	
3) 4-BROMOFLUOROBENZENE	24.37	174	204072	3.89	ug/L	0.02
Spiked Amount 5.000			Recovery	=	77.80%	
25) TOLUENE-D8	18.48	98	810036	5.01	ug/L	0.02
Spiked Amount 5.000			Recovery	=	100.20%	
Target Compounds						Qvalue
5) CHLOROMETHANE	5.50	50	3275	0.14	ug/L	91
10) Isopropyl Alcohol	7.79	45	2457	3.44	ug/L	73
12) ACETONE	8.29	43	12461	1.48	ug/L	88
18) 2-BUTANONE (MEK)	12.04	43	2293	0.25	ug/L	66
46) 2-HEXANONE	19.36	43	870	0.08	ug/L	33

 (#) = qualifier out of range (m) = manual integration
 28323.D HP110701.M Wed Nov 21 17:43:35 2001

Page 1

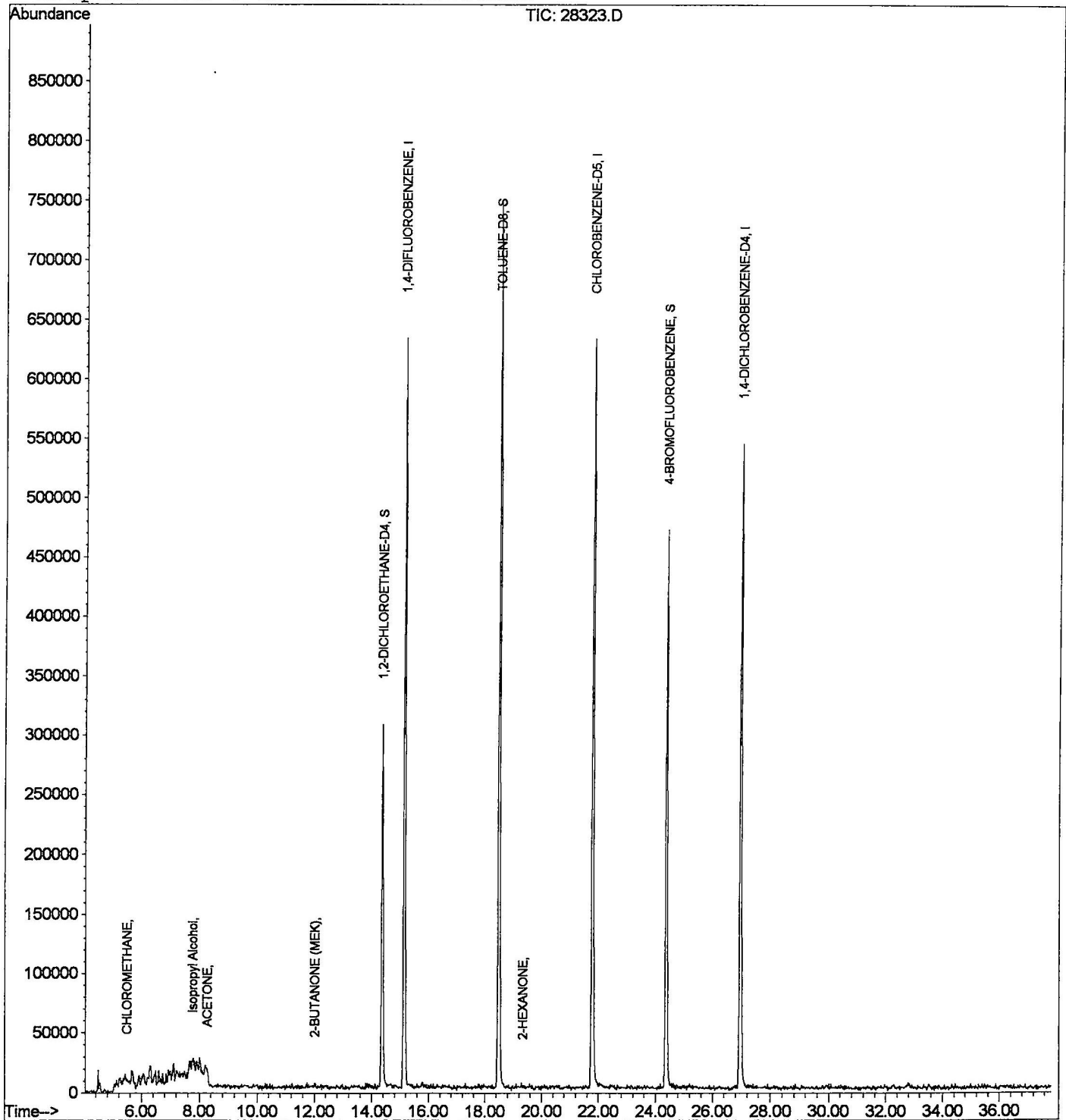
Quantitation Report

Data File : C:\HPCHEM\1\DATA\01nov21\28323.D
Acq On : 21 Nov 2001 5:05 pm
Sample : 524 nyc
Misc : November 21, 2001
MS Integration Params: LSCINT.P
Quant Time: Nov 21 17:43 2001

Vial: 13
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: HP110701.RES

Method : C:\HPCHEM\1\METHODS\HP110701.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu Nov 08 08:08:25 2001
Response via : Initial Calibration



User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 11/23/2001 Time: 14:23:14

Sample: AD28324
 Analysis: \$524 Volatile Organic Compounds
 Units: ug
 Started: 11/21/01 00:05 Ended: 11/21/01 00:05 Analyst: BH
 Result source: a:\28324.rr
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		4.8		.5
2	Surr - 4-BROMOFLUOROBENZ		4.0		.5
3	Dichlorodifluoromethane		< MDL		.5
4	Chloromethane		< MDL		.5
5	Vinyl chloride		< MDL		.5
6	Bromomethane		< MDL		.5
7	Chloroethane		< MDL		.5
8	Trichlorofluoromethane		< MDL		.5
9	1,1-Dichloroethene		< MDL		.5
10	Methylene Chloride		< MDL		.5
11	Methyl tert-butyl ether (MTBE)		< MDL		1.0
12	trans-1,2-dichloroethene		< MDL		.5
13	1,1-dichloroethane		< MDL		.5
14	2-butanone (MEK)		< MDL		2.0
15	2,2-dichloropropane		< MDL		.5
16	cis-1,2-dichloroethene		< MDL		.5
17	*THM-Chloroform		< MDL		.5
18	Bromochloromethane		< MDL		.5
19	1,2-dichloroethane		< MDL		.5
20	Surr - TOLUENE-D8		5.0		.5
21	1,1,1- trichloroethane		< MDL		.5
22	1,1-dichloropropene		< MDL		.5
23	Carbon tetrachloride		< MDL		.5
24	Benzene		< MDL		.5
25	Trichloroethene		< MDL		.5
26	1,2-dichloropropane		< MDL		.5
27	Dibromomethane		< MDL		.5
28	*THM-Bromodichloromethane		< MDL		.5
29	Methyl iso-butyl ketone (MIBK)		< MDL		1.0
30	cis-1,3-dichloropropene		< MDL		.5
31	Toluene		< MDL		.5
32	trans-1,3-dichloropropene		< MDL		.5
33	1,1,2-trichloroethane		< MDL		.5
34	Tetrachloroethene		< MDL		.5
35	1,3-dichloropropane		< MDL		.5
36	*THM-Dibromochloromethane		< MDL		2.0
37	Chlorobenzene		< MDL		.5
38	1,1,1,2-tetrachloroethane		< MDL		.5
39	Ethylbenzene		< MDL		.5
40	P & M-xylene		< MDL		.5
41	O-xylene		< MDL		.5
42	Styrene		< MDL		.5
43	1,1,2,2-tetrachloroethane		< MDL		.5
44	*THM-Bromoform		< MDL		2.0
45	Isopropylbenzene		< MDL		.5
46	1,2,3-trichloropropane		< MDL		.5
47	N-propylbenzene		< MDL		.5
48	Bromobenzene		< MDL		.5

REVIEWED BY AV
 DATE 11/23/01

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 11/23/2001 Time: 14:23:14

Sample: AD28324
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 11/21/01 00:05 Ended: 11/21/01 00:05 Analyst: BH
Result source: a:\28324.rr
Page: 2

	Component Name	Viol	Result	Qualifier	MDL
49	1,3,5-trimethylbenzene		< MDL		.5
50	2-chlorotoluene		< MDL		.5
51	4-chlorotoluene		< MDL		.5
52	TERT-butylbenzene		< MDL		.5
53	1,2,4-trimethylbenzene		< MDL		.5
54	SEC-butylbenzene		< MDL		.5
55	P-isopropyltoluene		< MDL		.5
56	1,3-dichlorobenzene		< MDL		.5
57	1,4-dichlorobenzene		< MDL		.5
58	N-butylbenzene		< MDL		.5
59	1,2-dichlorobenzene		< MDL		.5
60	1,2,4-trichlorobenzene		< MDL		.5
61	Hexachlorobutadiene		< MDL		.5
62	Naphthalene		< MDL		.5
63	1,2,3-trichlorobenzene		< MDL		.5

Quantitation Report

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\01nov21\28324.D
 Acq On : 21 Nov 2001 5:48 pm
 Sample : 524 nyc
 Misc : November 21, 2001
 MS Integration Params: LSCINT.P
 Quant Time: Nov 21 18:26 2001

Vial: 14
 Operator: 201-wb
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Results File: HP110701.RES

Quant Method : C:\HPCHEM\1\METHODS\HP110701.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Last Update : Thu Nov 08 08:26:02 2001
 Response via : Initial Calibration
 DataAcq Meth : HP110701

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.14	114	668529	5.00	ug/L	0.02
24) CHLOROBENZENE-D5	21.79	117	570855	5.00	ug/L	0.02
52) 1,4-DICHLOROBENZENE-D4	26.97	152	255776	5.00	ug/L	0.02
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.37	65	418086	4.84	ug/L	0.02
Spiked Amount 5.000			Recovery	=	96.80%	
3) 4-BROMOFLUOROBENZENE	24.37	174	203814	3.97	ug/L	0.02
Spiked Amount 5.000			Recovery	=	79.40%	
25) TOLUENE-D8	18.48	98	786853	4.99	ug/L	0.02
Spiked Amount 5.000			Recovery	=	99.80%	
Target Compounds						Qvalue
10) Isopropyl Alcohol	7.96	45	2369	3.39	ug/L	77
12) ACETONE	8.29	43	9653	1.17	ug/L	83
18) 2-BUTANONE (MEK)	12.04	43	1939	0.21	ug/L	66
46) 2-HEXANONE	19.18	43	1363	0.14	ug/L	33

 (#) = qualifier out of range (m) = manual integration
 28324.D HP110701.M Wed Nov 21 18:26:34 2001

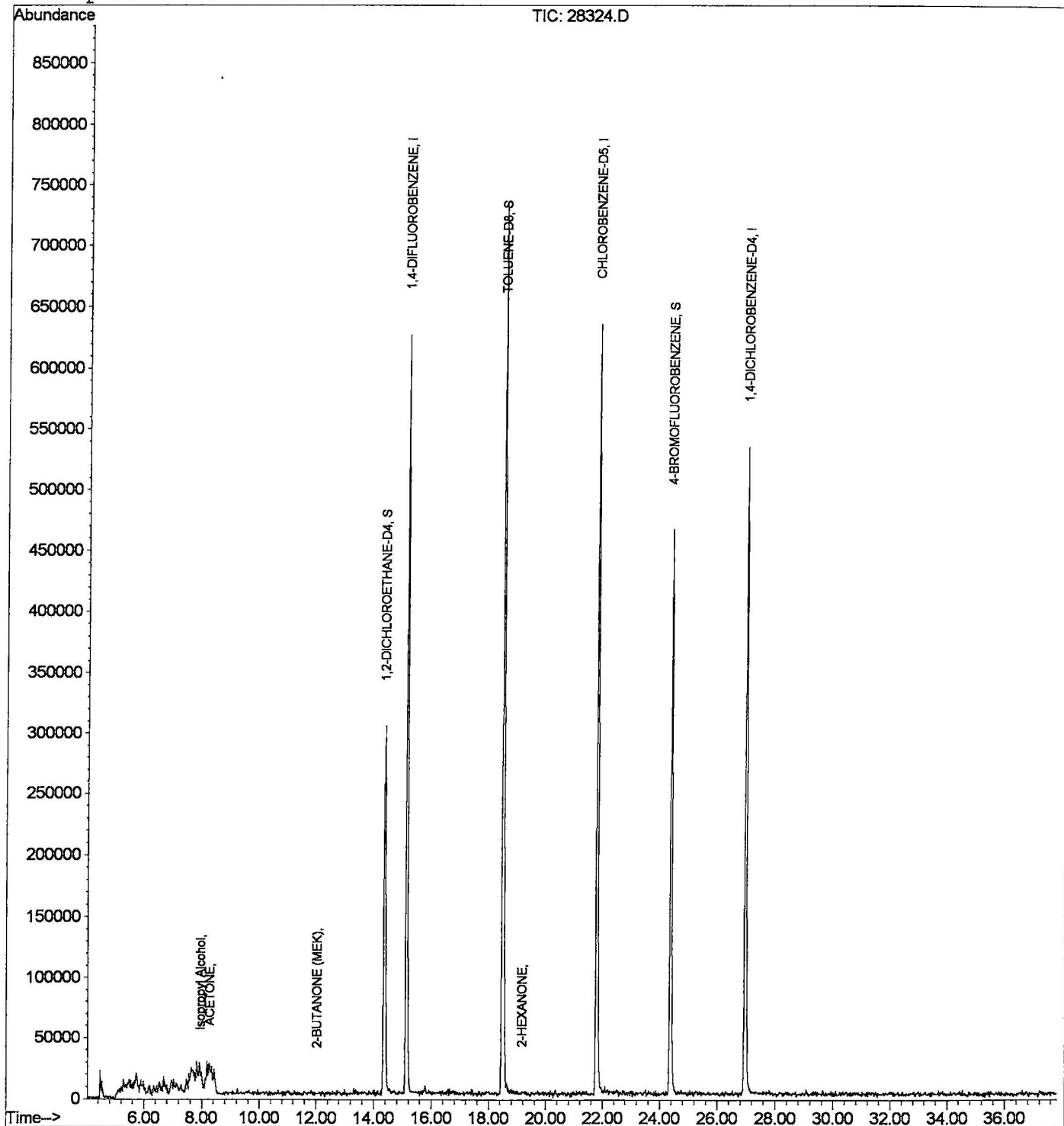
Quantitation Report

Data File : C:\HPCHEM\1\DATA\01nov21\28324.D
Acq On : 21 Nov 2001 5:48 pm
Sample : 524 nyc
Misc : November 21, 2001
MS Integration Params: LSCINT.P
Quant Time: Nov 21 18:26 2001

Vial: 14
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: HP110701.RES

Method : C:\HPCHEM\1\METHODS\HP110701.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu Nov 08 08:08:25 2001
Response via : Initial Calibration



28324.D HP110701.M

Wed Nov 21 18:26:37 2001

Page 2

User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 11/23/2001 Time: 14:15:36

Sample: AD28308
 Analysis: \$F_524 Volatile Organic Compounds-Field Blank
 Units: ug
 Started: 11/21/01 00:06 Ended: 11/21/01 00:06 Analyst: BH
 Result source: a:\28308f.rr
 Page: 1

	Component Name	Viol	Result	Quantifier	MDL
1	Surr_1,2-DICHLOROETHANE-		5.0		.5
2	Surr_4-BROMOFLUOROBENZE		3.9		.5
3	Dichlorodifluoromethane		< MDL		.5
4	Chloromethane		< MDL		.5
5	Vinyl chloride		< MDL		.5
6	Bromomethane		< MDL		.5
7	Chloroethane		< MDL		.5
8	Trichlorofluoromethane		< MDL		.5
9	1,1-Dichloroethene		< MDL		.5
10	Methylene Chloride		< MDL		.5
11	Methyl tert-butyl ether (MTBE)		< MDL		1.0
12	trans-1,2-dichloroethene		< MDL		.5
13	1,1-dichloroethane		< MDL		.5
14	2-butanone (MEK)		< MDL		2.0
15	2,2-dichloropropane		< MDL		.5
16	cis-1,2-dichloroethene		< MDL		.5
17	Chloroform		< MDL		.5
18	Bromochloromethane		< MDL		.5
19	1,2-dichloroethane		< MDL		.5
20	Surr_TOLUENE-D8		5.0		.5
21	1,1,1- trichloroethane		< MDL		.5
22	1,1-dichloropropene		< MDL		.5
23	Carbon tetrachloride		< MDL		.5
24	Benzene		< MDL		.5
25	Trichloroethene		< MDL		.5
26	1,2-dichloropropane		< MDL		.5
27	Dibromomethane		< MDL		.5
28	Bromodichloromethane		< MDL		.5
29	Methy iso-butyl ketone (MIBK)		< MDL		1.0
30	cis-1,3-dichloropropene		< MDL		.5
31	Toluene		< MDL		.5
32	trans-1,3-dichloropropene		< MDL		.5
33	1,1,2-trichloroethane		< MDL		.5
34	Tetrachloroethene		< MDL		.5
35	1,3-dichloropropane		< MDL		.5
36	Dibromochloromethane		< MDL		2.0
37	Chlorobenzene		< MDL		.5
38	1,1,1,2-tetrachloroethane		< MDL		.5
39	Ethylbenzene		< MDL		.5
40	P & M-xylene		< MDL		.5
41	O-xylene		< MDL		.5
42	Styrene		< MDL		.5
43	1,1,2,2-tetrachloroethane		< MDL		.5
44	Bromoform		< MDL		2.0
45	Isopropylbenzene		< MDL		.5
46	1,2,3-trichloropropane		< MDL		.5
47	N-propylbenzene		< MDL		.5
48	Bromobenzene		< MDL		.5

Acetone 38

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 11/23/2001 Time: 14:15:36

Sample: AD28308
Analysis: \$F_524 Volatile Organic Compounds-Field Blank
Units: ug
Started: 11/21/01 00:06 Ended: 11/21/01 00:06 Analyst: BH
Result source: a:\28308f.rr
Page: 2

	Component Name	Viol	Result	Qualifier	MDL
49	1,3,5-trimethylbenzene		< MDL		.5
50	2-chlorotoluene		< MDL		.5
51	4-chlorotoluene		< MDL		.5
52	TERT-butylbenzene		< MDL		.5
53	1,2,4-trimethylbenzene		< MDL		.5
54	SEC-butylbenzene		< MDL		.5
55	P-isopropyltoluene		< MDL		.5
56	1,3-dichlorobenzene		< MDL		.5
57	1,4-dichlorobenzene		< MDL		.5
58	N-butylbenzene		< MDL		.5
59	1,2-dichlorobenzene		< MDL		.5
60	1,2,4-trichlorobenzene		< MDL		.5
61	Hexachlobutadiene		< MDL		.5
62	Naphthalene		< MDL		.5
63	1,2,3-trichlorobenzene		< MDL		.5

Quantitation Report

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\01nov21\28308F.D
 Acq On : 21 Nov 2001 6:31 pm
 Sample : 524 nyc fb
 Misc : November 21, 2001
 MS Integration Params: LSCINT.P
 Quant Time: Nov 21 19:09 2001

Vial: 15
 Operator: 201-wb
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Results File: HP110701.RES

Quant Method : C:\HPCHEM\1\METHODS\HP110701.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Last Update : Thu Nov 08 08:26:02 2001
 Response via : Initial Calibration
 DataAcq Meth : HP110701

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.14	114	658330	5.00	ug/L	0.02
24) CHLOROBENZENE-D5	21.79	117	562404	5.00	ug/L	0.02
52) 1,4-DICHLOROBENZENE-D4	26.97	152	251251	5.00	ug/L	0.02
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.37	65	423805	4.99	ug/L	0.02
Spiked Amount 5.000			Recovery	=	99.80%	
3) 4-BROMOFLUOROBENZENE	24.37	174	197677	3.91	ug/L	0.02
Spiked Amount 5.000			Recovery	=	78.20%	
25) TOLUENE-D8	18.48	98	778129	5.01	ug/L	0.02
Spiked Amount 5.000			Recovery	=	100.20%	
Target Compounds						Qvalue
5) CHLOROMETHANE	5.59	50	2068	0.09	ug/L	80
10) Isopropyl Alcohol	7.91	45	7521	10.94	ug/L	71
12) ACETONE	8.29	43	305460	37.55	ug/L	97
18) 2-BUTANONE (MEK)	12.04	43	3865	0.43	ug/L	66
46) 2-HEXANONE	19.25	43	766	0.08	ug/L	33

 (#) = qualifier out of range (m) = manual integration
 28308F.D HP110701.M Wed Nov 21 19:09:33 2001

Page 1

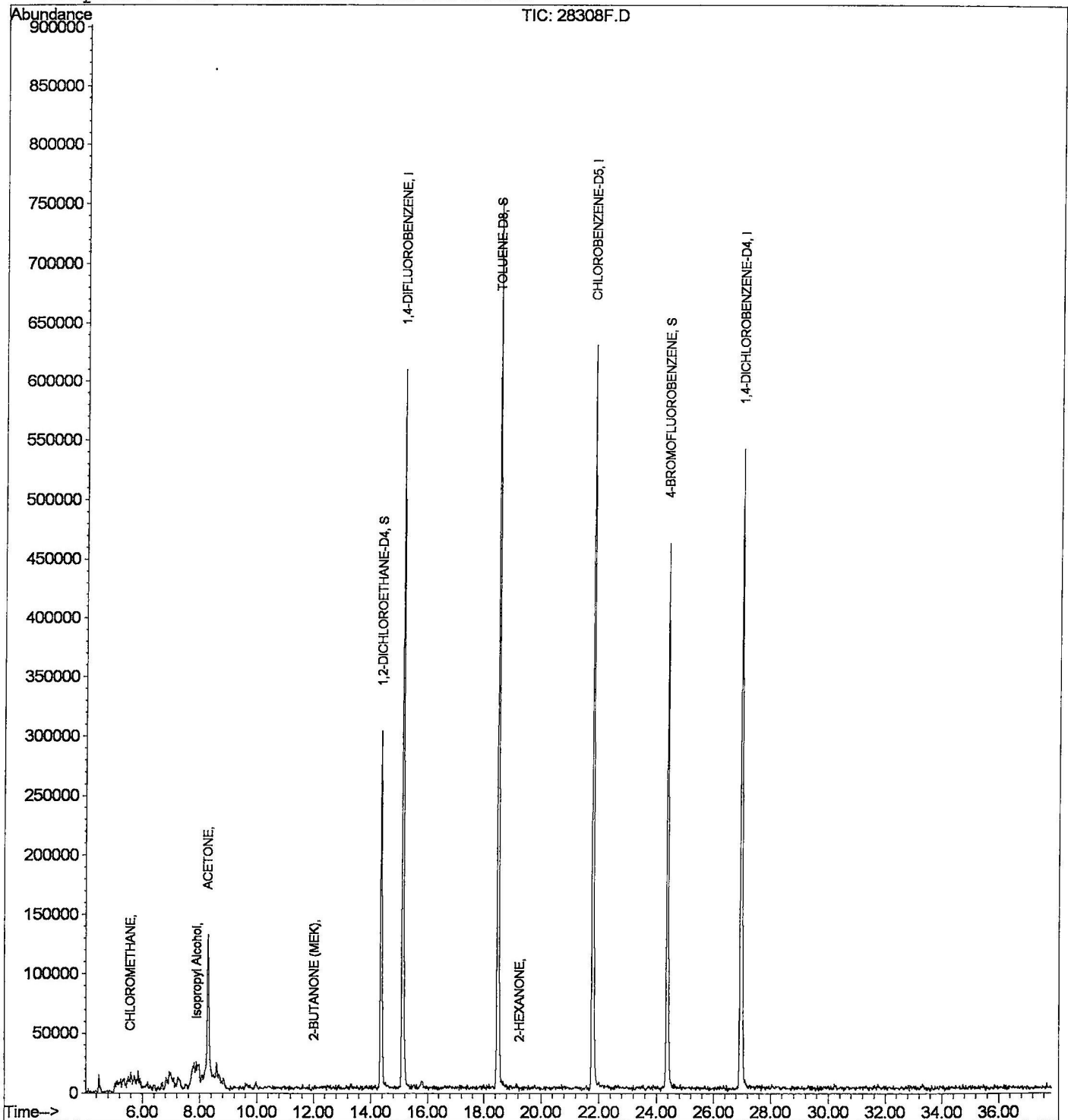
Quantitation Report

Data File : C:\HPCHEM\1\DATA\01nov21\28308F.D
Acq On : 21 Nov 2001 6:31 pm
Sample : 524 nyc fb
Misc : November 21, 2001
MS Integration Params: LSCINT.P
Quant Time: Nov 21 19:09 2001

Vial: 15
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: HP110701.RES

Method : C:\HPCHEM\1\METHODS\HP110701.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu Nov 08 08:08:25 2001
Response via : Initial Calibration



User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 11/23/2001 Time: 14:20:38

Sample: AD28322
 Analysis: \$F_524 Volatile Organic Compounds-Field Blank
 Units: ug
 Started: 11/21/01 00:07 Ended: 11/21/01 00:07 Analyst: BH
 Result source: a:\28322f.rr
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr_1,2-DICHLOROETHANE-		5.0		.5
2	Surr_4-BROMOFLUOROBENZE		3.9		.5
3	Dichlorodifluoromethane		< MDL		.5
4	Chloromethane		< MDL		.5
5	Vinyl chloride		< MDL		.5
6	Bromomethane		< MDL		.5
7	Chloroethane		< MDL		.5
8	Trichlorofluoromethane		< MDL		.5
9	1,1-Dichloroethene		< MDL		.5
10	Methylene Chloride		< MDL		.5
11	Methyl tert-butyl ether (MTBE)		< MDL		1.0
12	trans-1,2-dichloroethene		< MDL		.5
13	1,1-dichloroethane		< MDL		.5
14	2-butanone (MEK)		< MDL		2.0
15	2,2-dichloropropane		< MDL		.5
16	cis-1,2-dichloroethene		< MDL		.5
17	Chloroform		< MDL		.5
18	Bromochloromethane		< MDL		.5
19	1,2-dichloroethane		< MDL		.5
20	Surr_TOLUENE-D8		5.0		.5
21	1,1,1-trichloroethane		< MDL		.5
22	1,1-dichloropropene		< MDL		.5
23	Carbon tetrachloride		< MDL		.5
24	Benzene		< MDL		.5
25	Trichloroethene		< MDL		.5
26	1,2-dichloropropane		< MDL		.5
27	Dibromomethane		< MDL		.5
28	Bromodichloromethane		< MDL		.5
29	Methy iso-butyl ketone (MIBK)		< MDL		1.0
30	cis-1,3-dichloropropene		< MDL		.5
31	Toluene		< MDL		.5
32	trans-1,3-dichloropropene		< MDL		.5
33	1,1,2-trichloroethane		< MDL		.5
34	Tetrachloroethene		< MDL		.5
35	1,3-dichloropropane		< MDL		.5
36	Dibromochloromethane		< MDL		2.0
37	Chlorobenzene		< MDL		.5
38	1,1,1,2-tetrachloroethane		< MDL		.5
39	Ethylbenzene		< MDL		.5
40	P & M-xylene		< MDL		.5
41	O-xylene		< MDL		.5
42	Styrene		< MDL		.5
43	1,1,2,2-tetrachloroethane		< MDL		.5
44	Bromoform		< MDL		2.0
45	Isopropylbenzene		< MDL		.5
46	1,2,3-trichloropropane		< MDL		.5
47	N-propylbenzene		< MDL		.5
48	Bromobenzene		< MDL		.5

acetone 15

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 11/23/2001 Time: 14:20:38

Sample: AD28322
Analysis: \$F_524 Volatile Organic Compounds-Field Blank
Units: ug
Started: 11/21/01 00:07 Ended: 11/21/01 00:07 Analyst: BH
Result source: a:\28322f.rr
Page: 2

	Component Name	Viol	Result	Qualifier	MDL
49	1,3,5-trimethylbenzene		< MDL		.5
50	2-chlorotoluene		< MDL		.5
51	4-chlorotoluene		< MDL		.5
52	TERT-butylbenzene		< MDL		.5
53	1,2,4-trimethylbenzene		< MDL		.5
54	SEC-butylbenzene		< MDL		.5
55	P-isopropyltoluene		< MDL		.5
56	1,3-dichlorobenzene		< MDL		.5
57	1,4-dichlorobenzene		< MDL		.5
58	N-butylbenzene		< MDL		.5
59	1,2-dichlorobenzene		< MDL		.5
60	1,2,4-trichlorobenzene		< MDL		.5
61	Hexachlobutadiene		< MDL		.5
62	Naphthalene		< MDL		.5
63	1,2,3-trichlorobenzene		< MDL		.5

Quantitation Report

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\01nov21\28322F.D
 Acq On : 21 Nov 2001 7:14 pm
 Sample : 524 nyc fb
 Misc : November 21, 2001
 MS Integration Params: LSCINT.P
 Quant Time: Nov 21 19:52 2001

Vial: 16
 Operator: 201-wb
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Results File: HP110701.RES

Quant Method : C:\HPCHEM\1\METHODS\HP110701.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Last Update : Thu Nov 08 08:26:02 2001
 Response via : Initial Calibration
 DataAcq Meth : HP110701

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.14	114	655025	5.00	ug/L	0.02
24) CHLOROBENZENE-D5	21.78	117	558803	5.00	ug/L	0.00
52) 1,4-DICHLOROBENZENE-D4	26.97	152	248057	5.00	ug/L	0.02
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.37	65	426338	5.04	ug/L	0.02
Spiked Amount 5.000			Recovery	=	100.80%	
3) 4-BROMOFLUOROBENZENE	24.37	174	196966	3.92	ug/L	0.02
Spiked Amount 5.000			Recovery	=	78.40%	
25) TOLUENE-D8	18.48	98	777454	5.04	ug/L	0.02
Spiked Amount 5.000			Recovery	=	100.80%	
Target Compounds						Qvalue
6) VINYL CHLORIDE	5.64	62	1294	0.06	ug/L	83
7) BROMOMETHANE	6.48	94	1203	0.06	ug/L	98
10) Isopropyl Alcohol	7.93	45	26894	39.32	ug/L	97
12) ACETONE	8.27	43	117796	14.56	ug/L	91
18) 2-BUTANONE (MEK)	12.07	43	3409	0.38	ug/L	66
46) 2-HEXANONE	19.16	43	798	0.08	ug/L	33

 (#) = qualifier out of range (m) = manual integration
 28322F.D HP110701.M Wed Nov 21 19:52:42 2001

Page 1

Quantitation Report

Data File : C:\HPCHEM\1\DATA\01nov21\28322F.D
 Acq On : 21 Nov 2001 7:14 pm
 Sample : 524 nyc fb
 Misc : November 21, 2001
 MS Integration Params: LSCINT.P
 Quant Time: Nov 21 19:52 2001

Vial: 16
 Operator: 201-wb
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Results File: HP110701.RES

Method : C:\HPCHEM\1\METHODS\HP110701.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Last Update : Thu Nov 08 08:08:25 2001
 Response via : Initial Calibration

