User: Vannelli, Sandy
Westchester Dept. of Labs & Research
Date: 11/14/2001 Time: 12:49:54

Sample: AD26827
Analysis: $P_524 Duplicate calculation for 524
Units: ug
Started: 11/06/01 00:06 Ended: 11/06/01 00:06 Analyst: BH
Result source: calculation
Page: 1

	Component Name	Viol	Result
1	Surr - 1,2-DICHLOROETHANE-D		0.60
2	Surr - 4-BROMOFLUOROBENZE		0.10
3	DICHLORODIFLUOROMETHANE		< MDL
4	CHLOROMETHANE		< MDL
5	VINYL CHLORIDE		< MDL
6	BROMOMETHANE		< MDL
7	CHLOROETHANE		< MDL
8	TRICHLOROFLUOROMETHANE		< MDL
9	1,1-DICHLOROETHENE		< MDL
10	METHYLENE CHLORIDE		< MDL
11	METHYL TERT-BUTYL ETHER (M		< MDL
12	TRANS-1,2-DICHLOROETHENE		< MDL
13	1,1-DICHLOROETHANE		< MDL
14	2-BUTANONE (MEK)		< MDL
15	2,2-DICHLOROPROPANE		< MDL
16	CIS-1,2-DICHLOROETHENE		< MDL
17	*THM-CHLOROFORM		3.0
18	BROMOCHLOROMETHANE		< MDL
19	1,2-DICHLOROETHANE		< MDL
20	Surr - TOLUENE-D8		0.10
21	1,1,1- TRICHLOROETHANE		< MDL
22	1,1-DICHLOROPROPENE		< MDL
23	CARBON TETRACHLORIDE		< MDL
24	BENZENE		< MDL
25	TRICHLOROETHENE		< MDL
26	1,2-DICHLOROPROPANE		< MDL
27	DIBROMOMETHANE		< MDL
28	*THM-BROMODICHLOROMETH/		0.40
29	METHYL ISO-BUTYL KETONE (M		< MDL
30	CIS-1,3-DICHLOROPROPENE		< MDL
31	TOLUENE		< MDL
32	TRANS-1,3-DICHLOROPROPENE		< MDL
33	1,1,2-TRICHLOROETHANE		< MDL
34	TETRACHLOROETHENE		< MDL
35	1,3-DICHLOROPROPANE		< MDL
36	*THM-DIBROMOCHLOROMETH/		< MDL
37	1,2-DIBROMOETHANE		< MDL
38	CHLOROBENZENE		< MDL
39	1,1,1,2-TETRACHLOROETHANE		< MDL
40	2-HEXANONE		< MDL
41	ETHYLBENZENE		< MDL
42	P & M-XYLENE		< MDL
43	O-XYLENE		< MDL
44	STYRENE		< MDL
45	1,1,2,2-TETRACHLOROETHANE		< MDL
46	*THM-BROMOFORM		< MDL
47	ISOPROPYLBENZENE		< MDL

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Sample: AD26827
Analysis: $P_524 Duplicate calculation for 524
Units: ug
Started: 11/06/01 00:06 Ended: 11/06/01 00:06 Analyst: BH
Result source: calculation
Page: 2

	Component Name	Viol	Result
48	1,2,3-TRICHLOROPROPANE		< MDL
49	N-PROPYLBENZENE		< MDL
50	BROMOBENZENE		< MDL
51	1,3,5-TRIMETHYLBENZENE		< MDL
52	2-CHLOROTOLUENE		< MDL
53	4-CHLOROTOLUENE		< MDL
54	TERT-BUTYLBENZENE		< MDL
55	1,2,4-TRIMETHYLBENZENE		< MDL
56	SEC-BUTYLBENZENE		< MDL
57	P-ISOPROPYLTOLUENE		< MDL
58	1,3-DICHLOROBENZENE		< MDL
59	1,4-DICHLOROBENZENE		< MDL
60	N-BUTYLBENZENE		< MDL
61	1,2-DICHLOROBENZENE		< MDL
62	1,2-DIBROMO-3-CHLOROPROPA		< MDL
63	1,2,4-TRICHLOROBENZENE		< MDL
64	HEXACHLOROBUTADIENE		< MDL
65	NAPHTHALENE		< MDL
66	1,2,3-TRICHLOROBENZENE		< MDL

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 11/07/2001 Time: 15:58:35

Sample: AD26827
Analysis: $D_524 Volatile Organic Compounds-Duplicate
Units: ug
Started: 11/7/20 00:02 Ended: 11/7/20 00:02 Analyst: BH
Result source: c:\hpchem\1\data\01nov7\26827d.d\26827d.rr
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		5.6		.5
2	Surr - 4-BROMOFLUOROBENZ		5.4		.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		27 30		.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		4.3 4.7		.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

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Sample: AD26827
Analysis: $D_524 Volatile Organic Compounds-Duplicate
Units: ug
Started: 11/7/20 00:02 Ended: 11/7/20 00:02 Analyst: BH
Result source: c:\hpchem\1\data\01nov7\26827d.d\26827d.rr
Page: 2

	Component Name	Vial	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\01NOV7\26827D.D Vial: 10
Acq On : 7 Nov 2001 2:26 pm Operator:
Sample : dup Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Nov 7 15:05 2001 Quant Results File: HP110101.RES

Quant Method : C:\HPCHEM\1\METHODS\HP110101.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Nov 02 15:17:46 2001
Response via : Initial Calibration
DataAcq Meth : HP110101

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	14.47	114	685765	5.00	ug/L	0.03
22) CHLOROBENZENE-D5	21.05	117	609516	5.00	ug/L	0.02
50) 1,4-DICHLOROBENZENE-D4	26.21	152	255015	5.00	ug/L	0.02
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	13.69	65	225362	5.57	ug/L	0.03
Spiked Amount 5.000			Recovery = 111.40%			
3) 4-BROMOFLUOROBENZENE	23.64	174	193140	5.42	ug/L	0.03
Spiked Amount 5.000			Recovery = 108.40%			
23) TOLUENE-D8	17.78	98	915587	4.98	ug/L	0.03
Spiked Amount 5.000			Recovery = 99.60%			
Target Compounds						Qvalue
10) ACETONE	7.71	43	13078	3.52	ug/L	96
16) 2-BUTANONE (MEK)	11.41	43	4327	0.57	ug/L	57
19) CHLOROFORM	12.17	83	1243954	26.86	ug/L	100
31) BROMODICHLOROMETHANE	16.11	83	140278	4.28	ug/L	100
40) DIBROMOCHLOROMETHANE	19.81	129	4501	0.29	ug/L	85
44) 2-HEXANONE	18.56	43	2532	0.28	ug/L	27

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\01NOV7\26827D.D Vial: 10
Acq On : 7 Nov 2001 2:26 pm Operator:
Sample : dup Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Nov 7 15:05 2001 Quant Results File: HP110101.RES

Method : C:\HPCHEM\1\METHODS\HP102901.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Tue Oct 30 15:08:10 2001
Response via : Initial Calibration