

Sample Report



Analytical Report

Client: Air Quality Inspections
3212 NW 12th St.
Baltimore, MD 21224

COC: 6010
Laboratory ID: 6010-1

Sampled By: Alex Carter
Project: Recent renovation.
Location: 123 W. Maple Ave.
Boston, MA 25478

Received Date: 12/03/2014
Approved Date: 12/03/2014
Scanned Date: 12/05/2014
Report Date: 12/08/2014

Client Sample ID: Office
Volume: 24.4 L
Date Sampled: 12/01/2014
Sample Type: TDT 112J

A2-MSX Fire TDT Analysis

Primary and Secondary Fire/Smoke indicators are listed below. Secondary indicators may have significant additional sources or inadequate instrument response. Results reported semiquantitatively are determined based on an internal standard ratio only. Results displayed in order of decreasing volatility as indicated by the Retention Index (RI). Analysis performed via NIOSH method 2549 and ISO method 16000-6 (modified).

General Notes

The Fire VOC results below indicate that fire/smoke residue is present.

Primary Fire Indicators

Compound	CAS	Sample Concentration		Reporting Limit	Additional Information
		ng/L	ppb	ng/L	
2-Furaldehyde	98-01-1	0.7	0.2	0.2	Furfural
o-Cresol	95-48-7	< 0.2	< 0.05	0.2	
2-Methoxyphenol	90-05-1	1.1	0.2	0.2	Guaicol
m,p-Cresol	108-39-4 & 106-44-5	0.6	0.1	0.4	
Creosol	93-51-6	0.7	0.1	0.4	
4-Ethyl-2-methoxyphenol	2785-89-9	< 0.4	< 0.06	0.4	4-Ethylguaicol
Acenaphthylene	208-96-8	0.2	0.04	0.2	

Secondary Fire Indicators

Compound	CAS	Sample Concentration		Reporting Limit	Additional Information
		ng/L	ppb	ng/L	
Methylbiphenyl	N/A	< 1	< 0.1	1.0	Cannot determine isomer; Reported Semiquantitatively
Acrolein	107-02-8	< 1	< 0.4	1.0	Reported Semiquantitatively
Acetonitrile	75-05-8	< 0.2	< 0.1	0.2	
Salicylaldehyde	90-02-8	< 0.4	< 0.08	0.4	

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Secondary Fire Indicators

Compound	CAS	Sample Concentration		Reporting Limit	Additional Information
		ng/L	ppb	ng/L	
Naphthalene	91-20-3	0.3	0.06	0.2	
2,4-Dimethylphenol	105-67-9	< 0.2	< 0.04	0.2	
2-Methylnaphthalene	91-57-6	< 0.2	< 0.03	0.2	
Biphenyl	92-52-4	< 1	< 0.2	1.0	Reported Semiquantitatively

These results pertain only to this sample as it was collected and to the items reported.
These results have been reviewed and approved by the Laboratory Director or authorized representative.



Alice E. Delia, Ph.D., Laboratory Director

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