RECEIVER : SNIFZOL
23th Pure Air Street
Stinktown

16/04/2010

Test Report

Draft 1

Case number : 17-AN-788

Customer Order N° : 2010-8965

SAMPLES RECEIVED ON : APRIL 10, 2010

Environment type (filled out by the customer) :

☒ Ambiant Air	☐ IAQ	☐ Industrial hygiene	☐ Undisclosed
☐ Public access building	☐ Emission	☐ Other :	

Approval:		
NAME(S)	X. MANASA	
POSITION :	ANALYST	
DATE & VISA	16/02/10	

This report has : 3 pages

1. Purpose and scope

Reported results are only related to test items.

Samplings were conducted by Snifzol

2. Confidentiality

The content of this document is the property of Snifzol and cannot be disclosed to unauthorized third parties without the written authorization.

3. Test location

All the tests were conducted by WAS LAB of Aromacity

4. Samples

Parameter to be analysed	Sample code	Other information from the « sampling » manager	Test date
NMHC	Canister		15/02/2010

5. Analytical method

Substance	Support	Standard	Analytical technique
Non-methanic VOC frome 2 to 9 atoms of carbons	Ambiant Air canister	US EPA TO-14	TD/GC-FID

6. Results

Sample code	Compounds	Concentration (ppb) (in decreasing order)
Canister	propene	5,13
	ethylene	4,76
	ethane	4,12
	isopentane	2,92
	methyl-pentene	2,91
	acetylene	2,91
	toluene	2,75
	butane	2,13
	propane	1,75
	benzene	1,46
	m+p xylene	1,4
	dimethylpentene	1,2
	isobutane	1,08
	pentane	0,94

	o-xylene	0,55
	ethylbenzene	0,47
	1,2,4-trimethylbenzene	0,43
	1-butene	0,35
	T2-butene	0,33
	hexane	0,32
	C2-butene	0,24
	heptane	0,22
	1,3-butadiene	0,21
	1,2,3-trimethylebenzene	0,16
	1,3,5-trimethylbenzene	0,15
	isoprene	0,1
	isooctane	0,08
	1-hexene	0,07
	2,2-dimethylbutane	0,07
	2,3-dimethylbutane	0,07
	2-methylpentane	<LD
	3-methylpentane	<LD
	3-ethyltoluene	<LD
	4-ethyltoluene	<LD
	propylbenzene	<LD

Analytical uncertainty : 20% for k=2

QL = 0,05ppb

7. Measurement history

Compounds	Concentrations (ppb)				
	15/11/2009	16/12/2009	12/01/2010	17/02/2010	15/03/2010
1,2,3-trimethylbenzene	0,18	0,21	0,13	0,15	0,10
1,2,4-trimethylbenzene	0,47	0,57	0,77	0,89	1,21
1,3,5-trimethylbenzene	0,16	0,20	0,27	0,31	0,43
1,3-butadiene	0,23	0,28	0,38	0,43	0,57
1-butene	0,38	0,47	0,63	0,71	0,95
1-hexene	0,08	0,09	0,13	0,14	0,20
2,2-dimethylbutane	0,08	0,09	0,12	0,14	0,19
2,3-dimethylbutane	0,08	0,09	0,13	0,14	0,20
dimethyl-pentene	0,17	0,20	0,28	0,31	0,43
2-methylpentane	<DL	<DL	<DL	<DL	<DL
methyl-pentene	0,09	0,11	0,14	0,17	0,23
3-ethyltoluene	<DL	<DL	<DL	<DL	<DL
3-methylpentane	<DL	<DL	<DL	<DL	<DL
4-ethyltoluene	<DL	<DL	<DL	<DL	<DL
acetylene	3,20	3,82	5,11	5,84	7,94
benzene	1,60	1,92	2,62	2,99	4,08
butane	2,33	2,82	3,84	4,38	5,99
C2-butene	0,27	0,32	0,43	0,48	0,66
ethane	4,54	5,56	7,43	8,37	11,13

ethylbenzene	0,52	0,63	0,85	0,96	1,32
ethylene	5,21	6,36	8,76	9,93	13,54
heptane	0,24	0,30	0,41	0,47	0,62
hexane	0,35	0,43	0,58	0,67	0,90
isobutane	1,19	1,43	1,95	2,19	2,98
isooctane	0,09	0,11	0,14	0,16	0,22
isopentane	3,20	3,94	5,27	6,11	8,13
isoprene	0,11	0,13	0,18	0,21	0,28
m+p xylene	1,54	1,86	2,49	2,87	3,82
o-xylene	0,61	0,74	1,01	1,16	1,55
pentane	1,04	1,27	1,71	1,94	2,59
propane	1,92	2,31	3,16	3,67	5,02
propene	1,25	1,51	2,04	2,29	3,16
propylbenzene	<DL	<DL	<DL	<DL	<DL
T2-butene	0,37	0,44	0,58	0,66	0,90
toluene	3,01	3,59	4,85	5,51	7,52

REPORT END