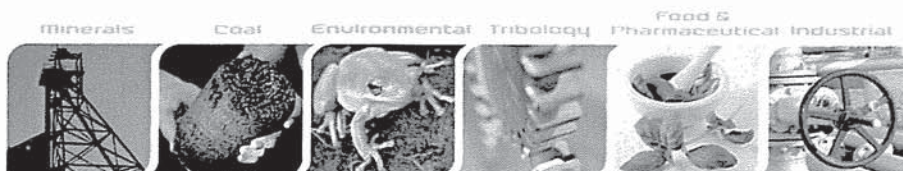


Target Compound	Alt. Name	Verified to ppbv	Result ppbv
Dichloromethane	Methylene chloride	0.2	<0.2
m- & p-Xylene	1,3 & 1,4 -Dimethylbenzene	0.4	<0.4
o-Xylene	1,2-Dimethylbenzene	0.2	<0.2
Styrene	Vinyl benzene	0.2	<0.2
Tetrachloroethene	PCE / Perchloroethylene	0.2	<0.2
Toluene	Methyl Benzene	0.2	<0.2
trans-1,3-Dichloropropene	trans-1,3-Dichloropropylene	0.2	<0.2
Trichloroethene	TCE / Trichloroethylene	0.2	<0.2
Vinyl chloride	Chloroethene	0.2	<0.2
1,2,4-Trichlorobenzene		0.2	<0.2
1,3-Butadiene	Biethylene	0.2	<0.2
1,4-Dioxane	p-Dioxane	0.2	<0.2
2,2,4-Trimethylpentane	Isooctane	0.2	<0.2
4-Ethyltoluene	p-Ethyltoluene	0.2	<0.2
Acetone	2-Propanone	0.2	<0.2
Allyl chloride	3-Chloropropene	0.2	<0.2
Bromodichloromethane	Dichlorobromomethane	0.2	<0.2
Bromoform	Tribromomethane	0.2	<0.2
Carbon disulfide	CS ₂	0.2	<0.2
Cyclohexane		0.2	<0.2
Dibromochloromethane	Chlorodibromoethane	0.2	<0.2
Ethyl acetate	Acetic ester	0.2	<0.2
Isopropyl alcohol	Isopropanol / 2-Propanol	0.2	<0.2
Methyl butyl ketone	MBK / 2-Hexanone	0.2	<0.2
Methyl ethyl ketone	MEK / 2-Butanone	0.2	<0.2
Methyl isobutyl ketone	MIBK / 4-Methyl-2-pentanone	0.2	<0.2
Methyl tert-butyl ether	MTBE	0.2	<0.2
n-Heptane		0.2	<0.2
n-Hexane		0.2	<0.2
Propene	Propylene	0.2	<0.2
Tetrahydrofuran	THF	0.2	<0.2
trans-1,2-Dichloroethene	trans-1,2-Dichloroethylene	0.2	<0.2
Vinyl acetate	Acetic acid vinyl ester	0.2	<0.2
Bromoethene	Vinyl bromide	0.2	<0.2
Benzyl chloride	α-Chlorotoluene	0.2	<0.2
Ethanol	Ethyl alcohol	0.2	<0.2
Acetonitrile	Methyl cyanide	0.2	<0.2
Acrolein	2-Propenal	0.2	<0.2
Acrylonitrile	2-Propenenitrile	0.2	<0.2
tert-Butyl alcohol	TBA	0.2	<0.2
2-Chloroprene	2-Chloro-1,3-butadiene	0.2	<0.2
Diisopropyl Ether	DIPE	0.2	<0.2
Ethyl tert-butyl ether	ETBE	0.2	<0.2
tert-Amyl methyl ether	TAME	0.2	<0.2
Methyl methacrylate	MMA	0.2	<0.2
1,1,1,2-Tetrachloroethane	R-130a / Acetylene trichloride	0.2	<0.2
Isopropylbenzene	Cumene	0.2	<0.2
2-Chlorotoluene	o-Chlorotoluene	0.2	<0.2
n-Propylbenzene	Phenyl propane	0.2	<0.2
tert-Butylbenzene	1,1-Dimethylethylbenzene	0.2	<0.2
sec-Butylbenzene	1-Methylpropylbenzene	0.2	<0.2
2-Isopropyltoluene	o-Cymene	0.2	<0.2
n-Butylbenzene	Phenyl butane	0.2	<0.2
Naphthalene		0.2	<0.2

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Sampler Verification Report

Sampler No: 044

Specified Purpose: USEPA TO15 (Extended Suite) **Verification Date:** 22-Sep-2017
LORs Required: Ambient Air **Valid To (At least):** 20-Oct-2017
Sampler Type: Soil Gas - Compact **Verification File:** 170921_25.D

Gauge Pressure on Dispatch:* - 28 Hg **Analyst:** **Dale Sample**
 (1Hg = 3.39 kPa) **Checked by:** 26/9/17 **Approved for Dispatch by:** 26/9/17

Gauge pressure is indicative only - Pressure varies with Atmospheric Pressure and may change in transit.

Sampler Verification Protocol

Samplers are generally verified 'fit for purpose' for the requested analyses and applications. For most applications, samplers are verified clean according to the requirements of USEPA method TO15.

Each verification involves a check for contamination, leaks and damage to fittings.

ALS METHOD CODE: EP101

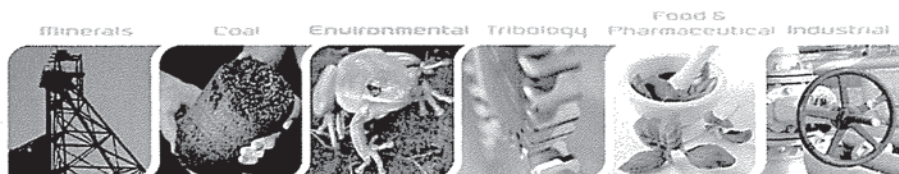
REFERENCE METHOD: Compendium Method TO-15: Determination of Volatile Organic Compounds (VOCs) in air collected in specially-prepared Canisters and analysed by Gas Chromatography/Mass Spectrometry (GC/MS)
<http://www.epa.gov/ttn/amtic/files/ambient/airtox/to-15r.pdf>

Target Compound	Alt. Name	Verified to ppbv	Result ppbv
1,1,1-Trichloroethane	1,1,1-TCA / Methyl chloroform	0.2	<0.2
1,1,2,2-Tetrachloroethane	R-130 / Acetylene tetrachloride	0.2	<0.2
1,1,2-Trichloroethane	Vinyl trichloride	0.2	<0.2
1,1-Dichloroethane	Ethylidene chloride	0.2	<0.2
1,1-Dichloroethene	1,1-DCE / Vinylidene chloride	0.2	<0.2
1,2-Dichloroethane	Ethylene chloride	0.2	<0.2
1,2,4-Trimethylbenzene	Pseudocumene	0.2	<0.2
1,2-Dibromoethane	EDB / Ethylene dibromide	0.2	<0.2
1,2-Dichlorobenzene	o-Dichlorobenzene	0.2	<0.2
1,2-Dichloropropane	Propylene dichloride	0.2	<0.2
1,3,5-Trimethylbenzene	Mesitylene	0.2	<0.2
1,3-Dichlorobenzene	m-Dichlorobenzene	0.2	<0.2
1,4-Dichlorobenzene	p-Dichlorobenzene	0.2	<0.2
Benzene	Cyclohexatriene	0.2	<0.2
Bromomethane	Methyl bromide	0.2	<0.2
Tetrachloromethane	Carbon tetrachloride	0.2	<0.2
Chlorobenzene	Phenyl chloride	0.2	<0.2
Chloroethane	Ethyl chloride	0.2	<0.2
Chloroform	Trichloromethane	0.2	<0.2
Chloromethane	Methyl chloride	0.2	<0.2
cis-1,2-Dichloroethene	cis-1,2-Dichloroethylene	0.2	<0.2
cis-1,3-Dichloropropene	cis-1,3-Dichloropropylene	0.2	<0.2
Ethylbenzene	Phenyl ethane	0.2	<0.2
Freon 12	Dichlorodifluoromethane	0.2	<0.2
Freon 11	Trichlorofluoromethane	0.2	<0.2
Freon 113	1,1,2-Trichloro-1,1,2-trifluoroethane	0.2	<0.2
Freon 114	1,2-Dichlorotetrafluoroethane	0.2	<0.2
Hexachlorobutadiene	Hexachloro-1,3-Butadiene	0.2	<0.2

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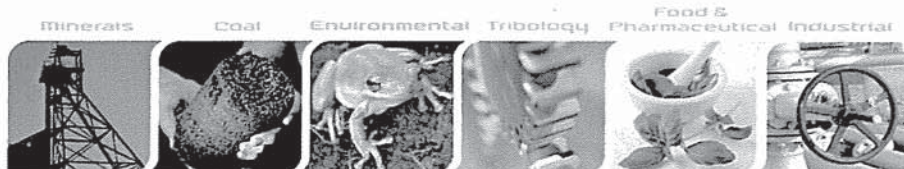


Target Compound	Alt. Name	Verified to ppbv	Result ppbv
Dichloromethane	Methylene chloride	0.2	<0.2
m -& p-Xylene	1,3 & 1,4 -Dimethylbenzene	0.4	<0.4
o-Xylene	1,2-Dimethylbenzene	0.2	<0.2
Styrene	Vinyl benzene	0.2	<0.2
Tetrachloroethene	PCE / Perchloroethylene	0.2	<0.2
Toluene	Methyl Benzene	0.2	<0.2
trans-1,3-Dichloropropene	trans-1,3-Dichloropropylene	0.2	<0.2
Trichloroethene	TCE / Trichloroethylene	0.2	<0.2
Vinyl chloride	Chloroethene	0.2	<0.2
1,2,4-Trichlorobenzene		0.2	<0.2
1,3-Butadiene	Biethylene	0.2	<0.2
1,4-Dioxane	p-Dioxane	0.2	<0.2
2,2,4-Trimethylpentane	Isooctane	0.2	<0.2
4-Ethyltoluene	p-Ethyltoluene	0.2	<0.2
Acetone	2-Propanone	0.2	<0.2
Allyl chloride	3-Chloropropene	0.2	<0.2
Bromodichloromethane	Dichlorobromomethane	0.2	<0.2
Bromoform	Tribromomethane	0.2	<0.2
Carbon disulfide	CS2	0.2	<0.2
Cyclohexane		0.2	<0.2
Dibromochloromethane	Chlorodibromoethane	0.2	<0.2
Ethyl acetate	Acetic ester	0.2	<0.2
Isopropyl alcohol	Isopropanol / 2-Propanol	0.2	<0.2
Methyl butyl ketone	MBK / 2-Hexanone	0.2	<0.2
Methyl ethyl ketone	MEK / 2-Butanone	0.2	<0.2
Methyl isobutyl ketone	MIBK / 4-Methyl-2-pentanone	0.2	<0.2
Methyl tert-butyl ether	MTBE	0.2	<0.2
n-Heptane		0.2	<0.2
n-Hexane		0.2	<0.2
Propene	Propylene	0.2	<0.2
Tetrahydrofuran	THF	0.2	<0.2
trans-1,2-Dichloroethene	trans-1,2-Dichloroethylene	0.2	<0.2
Vinyl acetate	Acetic acid vinyl ester	0.2	<0.2
Bromoethene	Vinyl bromide	0.2	<0.2
Benzyl chloride	α-Chlorotoluene	0.2	<0.2
Ethanol	Ethyl alcohol	0.2	<0.2
Acetonitrile	Methyl cyanide	0.2	<0.2
Acrolein	2-Propenal	0.2	<0.2
Acrylonitrile	2-Propenenitrile	0.2	<0.2
tert-Butyl alcohol	TBA	0.2	<0.2
2-Chloroprene	2-Chloro-1,3-butadiene	0.2	<0.2
Diisopropyl Ether	DIPE	0.2	<0.2
Ethyl tert-butyl ether	ETBE	0.2	<0.2
tert-Amyl methyl ether	TAME	0.2	<0.2
Methyl methacrylate	MMA	0.2	<0.2
1,1,1,2-Tetrachloroethane	R-130a / Acetylene trichloride	0.2	<0.2
Isopropylbenzene	Cumene	0.2	<0.2
2-Chlorotoluene	o-Chlorotoluene	0.2	<0.2
n-Propylbenzene	Phenyl propane	0.2	<0.2
tert-Butylbenzene	1,1-Dimethylethylbenzene	0.2	<0.2
sec-Butylbenzene	1-Methylpropylbenzene	0.2	<0.2
2-Isopropyltoluene	o-Cymene	0.2	<0.2
n-Butylbenzene	Phenyl butane	0.2	<0.2
Naphthalene		0.2	<0.2

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Sampler Verification Report

Sampler No: 047

Specified Purpose: USEPA TO15 (Extended Suite) **Verification Date:** 22-Sep-2017
LORs Required: Ambient Air **Valid To (At least):** 20-Oct-2017
Sampler Type: Soil Gas - Compact **Verification File:** 170922_08.D

Gauge Pressure on Dispatch:* -32Hz **Analyst:** Dale Sample

(1Hg = 3.39 kPa)

Checked by: J 26/9/17

Approved for Dispatch by:

Gauge pressure is indicative only - Pressure varies with Atmospheric Pressure and may change in transit.

Sampler Verification Protocol

Samplers are generally verified 'fit for purpose' for the requested analyses and applications. For most applications, samplers are verified clean according to the requirements of USEPA method TO15.

Each verification involves a check for contamination, leaks and damage to fittings.

ALS METHOD CODE: EP101

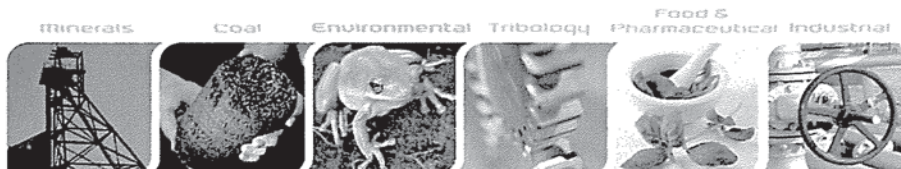
REFERENCE METHOD: Compendium Method TO-15: Determination of Volatile Organic Compounds (VOCs) in air collected in specially-prepared Canisters and analysed by Gas Chromatography/Mass Spectrometry (GC/MS)
<http://www.epa.gov/ttn/amtic/files/ambient/airtox/to-15r.pdf>

Target Compound	Alt. Name	Verified to ppbv	Result ppbv
1,1,1-Trichloroethane	1,1,1-TCA / Methyl chloroform	0.2	<0.2
1,1,2,2-Tetrachloroethane	R-130 / Acetylene tetrachloride	0.2	<0.2
1,1,2-Trichloroethane	Vinyl trichloride	0.2	<0.2
1,1-Dichloroethane	Ethylidene chloride	0.2	<0.2
1,1-Dichloroethene	1,1-DCE / Vinylidene chloride	0.2	<0.2
1,2-Dichloroethane	Ethylene chloride	0.2	<0.2
1,2,4-Trimethylbenzene	Pseudocumene	0.2	<0.2
1,2-Dibromoethane	EDB / Ethylene dibromide	0.2	<0.2
1,2-Dichlorobenzene	o-Dichlorobenzene	0.2	<0.2
1,2-Dichloropropane	Propylene dichloride	0.2	<0.2
1,3,5-Trimethylbenzene	Mesitylene	0.2	<0.2
1,3-Dichlorobenzene	m-Dichlorobenzene	0.2	<0.2
1,4-Dichlorobenzene	p-Dichlorobenzene	0.2	<0.2
Benzene	Cyclohexatriene	0.2	<0.2
Bromomethane	Methyl bromide	0.2	<0.2
Tetrachloromethane	Carbon tetrachloride	0.2	<0.2
Chlorobenzene	Phenyl chloride	0.2	<0.2
Chloroethane	Ethyl chloride	0.2	<0.2
Chloroform	Trichloromethane	0.2	<0.2
Chloromethane	Methyl chloride	0.2	<0.2
cis-1,2-Dichloroethene	cis-1,2-Dichloroethylene	0.2	<0.2
cis-1,3-Dichloropropene	cis-1,3-Dichloropropylene	0.2	<0.2
Ethylbenzene	Phenyl ethane	0.2	<0.2
Freon 12	Dichlorodifluoromethane	0.2	<0.2
Freon 11	Trichlorofluoromethane	0.2	<0.2
Freon 113	1,1,2-Trichloro-1,1,2-trifluoroethane	0.2	<0.2
Freon 114	1,2-Dichlorotetrafluoroethane	0.2	<0.2
Hexachlorobutadiene	Hexachloro-1,3-Butadiene	0.2	<0.2

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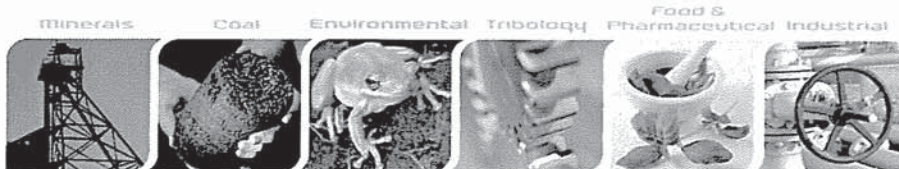


Target Compound	Alt. Name	Verified to ppbv	Result ppbv
Dichloromethane	Methylene chloride	0.2	<0.2
m -& p-Xylene	1,3 & 1,4 -Dimethylbenzene	0.4	<0.4
o-Xylene	1,2-Dimethylbenzene	0.2	<0.2
Styrene	Vinyl benzene	0.2	<0.2
Tetrachloroethene	PCE / Perchloroethylene	0.2	<0.2
Toluene	Methyl Benzene	0.2	<0.2
trans-1,3-Dichloropropene	trans-1,3-Dichloropropylene	0.2	<0.2
Trichloroethene	TCE / Trichloroethylene	0.2	<0.2
Vinyl chloride	Chloroethene	0.2	<0.2
1,2,4-Trichlorobenzene		0.2	<0.2
1,3-Butadiene	Biethylene	0.2	<0.2
1,4-Dioxane	p-Dioxane	0.2	<0.2
2,2,4-Trimethylpentane	Isooctane	0.2	<0.2
4-Ethyltoluene	p-Ethyltoluene	0.2	<0.2
Acetone	2-Propanone	0.2	<0.2
Allyl chloride	3-Chloropropene	0.2	<0.2
Bromodichloromethane	Dichlorobromomethane	0.2	<0.2
Bromoform	Tribromomethane	0.2	<0.2
Carbon disulfide	CS2	0.2	<0.2
Cyclohexane		0.2	<0.2
Dibromochloromethane	Chlorodibromoethane	0.2	<0.2
Ethyl acetate	Acetic ester	0.2	<0.2
Isopropyl alcohol	Isopropanol / 2-Propanol	0.2	<0.2
Methyl butyl ketone	MBK / 2-Hexanone	0.2	<0.2
Methyl ethyl ketone	MEK / 2-Butanone	0.2	<0.2
Methyl isobutyl ketone	MIBK / 4-Methyl-2-pentanone	0.2	<0.2
Methyl tert-butyl ether	MTBE	0.2	<0.2
n-Heptane		0.2	<0.2
n-Hexane		0.2	<0.2
Propene	Propylene	0.2	<0.2
Tetrahydrofuran	THF	0.2	<0.2
trans-1,2-Dichloroethene	trans-1,2-Dichloroethylene	0.2	<0.2
Vinyl acetate	Acetic acid vinyl ester	0.2	<0.2
Bromoethene	Vinyl bromide	0.2	<0.2
Benzyl chloride	α-Chlorotoluene	0.2	<0.2
Ethanol	Ethyl alcohol	0.2	<0.2
Acetonitrile	Methyl cyanide	0.2	<0.2
Acrolein	2-Propenal	0.2	<0.2
Acrylonitrile	2-Propenenitrile	0.2	<0.2
tert-Butyl alcohol	TBA	0.2	<0.2
2-Chloroprene	2-Chloro-1,3-butadiene	0.2	<0.2
Diisopropyl Ether	DIPE	0.2	<0.2
Ethyl tert-butyl ether	ETBE	0.2	<0.2
tert-Amyl methyl ether	TAME	0.2	<0.2
Methyl methacrylate	MMA	0.2	<0.2
1,1,1,2-Tetrachloroethane	R-130a / Acetylene trichloride	0.2	<0.2
Isopropylbenzene	Cumene	0.2	<0.2
2-Chlorotoluene	o-Chlorotoluene	0.2	<0.2
n-Propylbenzene	Phenyl propane	0.2	<0.2
tert-Butylbenzene	1,1-Dimethylethylbenzene	0.2	<0.2
sec-Butylbenzene	1-Methylpropylbenzene	0.2	<0.2
2-Isopropyltoluene	o-Cymene	0.2	<0.2
n-Butylbenzene	Phenyl butane	0.2	<0.2
Naphthalene		0.2	<0.2

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Sampler Verification Report

Sampler No: 054

Specified Purpose: USEPA TO15 (Extended Suite) **Verification Date:** 22-Sep-2017
LORs Required: Ambient Air **Valid To (At least):** 20-Oct-2017
Sampler Type: Soil Gas - Compact **Verification File:** 170922_07.D

Gauge Pressure on Dispatch:* - 32 Hg
 (1Hg = 3.39 kPa)

Analyst: Dale Semple

Checked by: S 26/9/12

Approved for Dispatch by: S 26/9/12

Gauge pressure is indicative only - Pressure varies with Atmospheric Pressure and may change in transit.

Sampler Verification Protocol

Samplers are generally verified 'fit for purpose' for the requested analyses and applications. For most applications, samplers are verified clean according to the requirements of USEPA method TO15.

Each verification involves a check for contamination, leaks and damage to fittings.

ALS METHOD CODE: EP101

REFERENCE METHOD: Compendium Method TO-15: Determination of Volatile Organic Compounds (VOCs) in air collected in specially-prepared Canisters and analysed by Gas Chromatography/Mass Spectrometry (GC/MS)
<http://www.epa.gov/ttn/amtic/files/ambient/airtox/to-15r.pdf>

Target Compound	Alt. Name	Verified to ppbv	Result ppbv
1,1,1-Trichloroethane	1,1,1-TCA / Methyl chloroform	0.2	<0.2
1,1,2,2-Tetrachloroethane	R-130 / Acetylene tetrachloride	0.2	<0.2
1,1,2-Trichloroethane	Vinyl trichloride	0.2	<0.2
1,1-Dichloroethane	Ethylidene chloride	0.2	<0.2
1,1-Dichloroethene	1,1-DCE / Vinylidene chloride	0.2	<0.2
1,2-Dichloroethane	Ethylene chloride	0.2	<0.2
1,2,4-Trimethylbenzene	Pseudocumene	0.2	<0.2
1,2-Dibromoethane	EDB / Ethylene dibromide	0.2	<0.2
1,2-Dichlorobenzene	o-Dichlorobenzene	0.2	<0.2
1,2-Dichloropropane	Propylene dichloride	0.2	<0.2
1,3,5-Trimethylbenzene	Mesitylene	0.2	<0.2
1,3-Dichlorobenzene	m-Dichlorobenzene	0.2	<0.2
1,4-Dichlorobenzene	p-Dichlorobenzene	0.2	<0.2
Benzene	Cyclohexatriene	0.2	<0.2
Bromomethane	Methyl bromide	0.2	<0.2
Tetrachloromethane	Carbon tetrachloride	0.2	<0.2
Chlorobenzene	Phenyl chloride	0.2	<0.2
Chloroethane	Ethyl chloride	0.2	<0.2
Chloroform	Trichloromethane	0.2	<0.2
Chloromethane	Methyl chloride	0.2	<0.2
cis-1,2-Dichloroethene	cis-1,2-Dichloroethylene	0.2	<0.2
cis-1,3-Dichloropropene	cis-1,3-Dichloropropylene	0.2	<0.2
Ethylbenzene	Phenyl ethane	0.2	<0.2
Freon 12	Dichlorodifluoromethane	0.2	<0.2
Freon 11	Trichlorofluoromethane	0.2	<0.2
Freon 113	1,1,2-Trichloro-1,1,2-trifluoroethane	0.2	<0.2
Freon 114	1,2-Dichlorotetrafluoroethane	0.2	<0.2
Hexachlorobutadiene	Hexachloro-1,3-Butadiene	0.2	<0.2

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Target Compound	Alt. Name	Verified to ppbv	Result ppbv
Dichloromethane	Methylene chloride	0.2	<0.2
m -& p-Xylene	1,3 & 1,4 -Dimethylbenzene	0.4	<0.4
o-Xylene	1,2-Dimethylbenzene	0.2	<0.2
Styrene	Vinyl benzene	0.2	<0.2
Tetrachloroethene	PCE / Perchloroethylene	0.2	<0.2
Toluene	Methyl Benzene	0.2	<0.2
trans-1,3-Dichloropropene	trans-1,3-Dichloropropylene	0.2	<0.2
Trichloroethene	TCE / Trichloroethylene	0.2	<0.2
Vinyl chloride	Chloroethene	0.2	<0.2
1,2,4-Trichlorobenzene		0.2	<0.2
1,3-Butadiene	Biethylene	0.2	<0.2
1,4-Dioxane	p-Dioxane	0.2	<0.2
2,2,4-Trimethylpentane	Isooctane	0.2	<0.2
4-Ethyltoluene	p-Ethyltoluene	0.2	<0.2
Acetone	2-Propanone	0.2	<0.2
Allyl chloride	3-Chloropropene	0.2	<0.2
Bromodichloromethane	Dichlorobromomethane	0.2	<0.2
Bromoform	Tribromomethane	0.2	<0.2
Carbon disulfide	CS ₂	0.2	<0.2
Cyclohexane		0.2	<0.2
Dibromochloromethane	Chlorodibromoethane	0.2	<0.2
Ethyl acetate	Acetic ester	0.2	<0.2
Isopropyl alcohol	Isopropanol / 2-Propanol	0.2	<0.2
Methyl butyl ketone	MBK / 2-Hexanone	0.2	<0.2
Methyl ethyl ketone	MEK / 2-Butanone	0.2	<0.2
Methyl isobutyl ketone	MIBK / 4-Methyl-2-pentanone	0.2	<0.2
Methyl tert-butyl ether	MTBE	0.2	<0.2
n-Heptane		0.2	<0.2
n-Hexane		0.2	<0.2
Propene	Propylene	0.2	<0.2
Tetrahydrofuran	THF	0.2	<0.2
trans-1,2-Dichloroethene	trans-1,2-Dichloroethylene	0.2	<0.2
Vinyl acetate	Acetic acid vinyl ester	0.2	<0.2
Bromoethene	Vinyl bromide	0.2	<0.2
Benzyl chloride	α-Chlorotoluene	0.2	<0.2
Ethanol	Ethyl alcohol	0.2	<0.2
Acetonitrile	Methyl cyanide	0.2	<0.2
Acrolein	2-Propenal	0.2	<0.2
Acrylonitrile	2-Propenenitrile	0.2	<0.2
tert-Butyl alcohol	TBA	0.2	<0.2
2-Chloroprene	2-Chloro-1,3-butadiene	0.2	<0.2
Diisopropyl Ether	DIPE	0.2	<0.2
Ethyl tert-butyl ether	ETBE	0.2	<0.2
tert-Amyl methyl ether	TAME	0.2	<0.2
Methyl methacrylate	MMA	0.2	<0.2
1,1,1,2-Tetrachloroethane	R-130a / Acetylene trichloride	0.2	<0.2
Isopropylbenzene	Cumene	0.2	<0.2
2-Chlorotoluene	o-Chlorotoluene	0.2	<0.2
n-Propylbenzene	Phenyl propane	0.2	<0.2
tert-Butylbenzene	1,1-Dimethylethylbenzene	0.2	<0.2
sec-Butylbenzene	1-Methylpropylbenzene	0.2	<0.2
2-Isopropyltoluene	o-Cymene	0.2	<0.2
n-Butylbenzene	Phenyl butane	0.2	<0.2
Naphthalene		0.2	<0.2

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Sampler Verification Report

Sampler No: 059

Specified Purpose: USEPA TO15 (Extended Suite) **Verification Date:** 22-Sep-2017
LORs Required: Ambient Air **Valid To (At least):** 20-Oct-2017
Sampler Type: Soil Gas - Compact **Verification File:** 170922_10.D

Gauge Pressure on Dispatch:* - 28 Hg
 (1Hg = 3.39 kPa)

Analyst: Dale Semple

Checked by: J 26/9/17

Approved for Dispatch by: J 26/9/17

Gauge pressure is indicative only - Pressure varies with Atmospheric Pressure and may change in transit.

Sampler Verification Protocol

Samplers are generally verified 'fit for purpose' for the requested analyses and applications. For most applications, samplers are verified clean according to the requirements of USEPA method TO15.

Each verification involves a check for contamination, leaks and damage to fittings.

ALS METHOD CODE: EP101

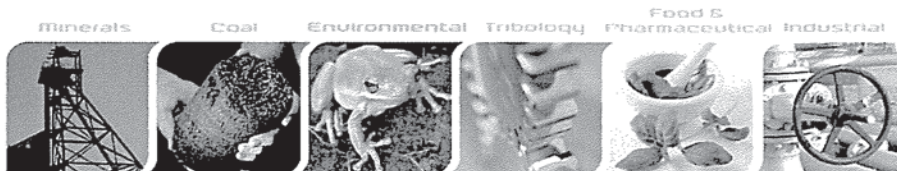
REFERENCE METHOD: Compendium Method TO-15: Determination of Volatile Organic Compounds (VOCs) in air collected in specially-prepared Canisters and analysed by Gas Chromatography/Mass Spectrometry (GC/MS)
<http://www.epa.gov/ttn/amtic/files/ambient/airtox/to-15r.pdf>

Target Compound	Alt. Name	Verified to ppbv	Result ppbv
1,1,1-Trichloroethane	1,1,1-TCA / Methyl chloroform	0.2	<0.2
1,1,2,2-Tetrachloroethane	R-130 / Acetylene tetrachloride	0.2	<0.2
1,1,2-Trichloroethane	Vinyl trichloride	0.2	<0.2
1,1-Dichloroethane	Ethylidene chloride	0.2	<0.2
1,1-Dichloroethene	1,1-DCE / Vinylidene chloride	0.2	<0.2
1,2-Dichloroethane	Ethylene chloride	0.2	<0.2
1,2,4-Trimethylbenzene	Pseudocumene	0.2	<0.2
1,2-Dibromoethane	EDB / Ethylene dibromide	0.2	<0.2
1,2-Dichlorobenzene	o-Dichlorobenzene	0.2	<0.2
1,2-Dichloropropane	Propylene dichloride	0.2	<0.2
1,3,5-Trimethylbenzene	Mesitylene	0.2	<0.2
1,3-Dichlorobenzene	m-Dichlorobenzene	0.2	<0.2
1,4-Dichlorobenzene	p-Dichlorobenzene	0.2	<0.2
Benzene	Cyclohexatriene	0.2	<0.2
Bromomethane	Methyl bromide	0.2	<0.2
Tetrachloromethane	Carbon tetrachloride	0.2	<0.2
Chlorobenzene	Phenyl chloride	0.2	<0.2
Chloroethane	Ethyl chloride	0.2	<0.2
Chloroform	Trichloromethane	0.2	<0.2
Chloromethane	Methyl chloride	0.2	<0.2
cis-1,2-Dichloroethene	cis-1,2-Dichloroethylene	0.2	<0.2
cis-1,3-Dichloropropene	cis-1,3-Dichloropropylene	0.2	<0.2
Ethylbenzene	Phenyl ethane	0.2	<0.2
Freon 12	Dichlorodifluoromethane	0.2	<0.2
Freon 11	Trichlorofluoromethane	0.2	<0.2
Freon 113	1,1,2-Trichloro-1,1,2-trifluoroethane	0.2	<0.2
Freon 114	1,2-Dichlorotetrafluoroethane	0.2	<0.2
Hexachlorobutadiene	Hexachloro-1,3-Butadiene	0.2	<0.2

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Target Compound	Alt. Name	Verified to ppbv	Result ppbv
Dichloromethane	Methylene chloride	0.2	<0.2
m -& p-Xylene	1,3 & 1,4 -Dimethylbenzene	0.4	<0.4
o-Xylene	1,2-Dimethylbenzene	0.2	<0.2
Styrene	Vinyl benzene	0.2	<0.2
Tetrachloroethene	PCE / Perchloroethylene	0.2	<0.2
Toluene	Methyl Benzene	0.2	<0.2
trans-1,3-Dichloropropene	trans-1,3-Dichloropropylene	0.2	<0.2
Trichloroethene	TCE / Trichloroethylene	0.2	<0.2
Vinyl chloride	Chloroethene	0.2	<0.2
1,2,4-Trichlorobenzene		0.2	<0.2
1,3-Butadiene	Biethylene	0.2	<0.2
1,4-Dioxane	p-Dioxane	0.2	<0.2
2,2,4-Trimethylpentane	Isooctane	0.2	<0.2
4-Ethyltoluene	p-Ethyltoluene	0.2	<0.2
Acetone	2-Propanone	0.2	<0.2
Allyl chloride	3-Chloropropene	0.2	<0.2
Bromodichloromethane	Dichlorobromomethane	0.2	<0.2
Bromoform	Tribromomethane	0.2	<0.2
Carbon disulfide	CS2	0.2	<0.2
Cyclohexane		0.2	<0.2
Dibromochloromethane	Chlorodibromoethane	0.2	<0.2
Ethyl acetate	Acetic ester	0.2	<0.2
Isopropyl alcohol	Isopropanol / 2-Propanol	0.2	<0.2
Methyl butyl ketone	MBK / 2-Hexanone	0.2	<0.2
Methyl ethyl ketone	MEK / 2-Butanone	0.2	<0.2
Methyl isobutyl ketone	MIBK / 4-Methyl-2-pentanone	0.2	<0.2
Methyl tert-butyl ether	MTBE	0.2	<0.2
n-Heptane		0.2	<0.2
n-Hexane		0.2	<0.2
Propene	Propylene	0.2	<0.2
Tetrahydrofuran	THF	0.2	<0.2
trans-1,2-Dichloroethene	trans-1,2-Dichloroethylene	0.2	<0.2
Vinyl acetate	Acetic acid vinyl ester	0.2	<0.2
Bromoethene	Vinyl bromide	0.2	<0.2
Benzyl chloride	α-Chlorotoluene	0.2	<0.2
Ethanol	Ethyl alcohol	0.2	<0.2
Acetonitrile	Methyl cyanide	0.2	<0.2
Acrolein	2-Propenal	0.2	<0.2
Acrylonitrile	2-Propenenitrile	0.2	<0.2
tert-Butyl alcohol	TBA	0.2	<0.2
2-Chloroprene	2-Chloro-1,3-butadiene	0.2	<0.2
Diisopropyl Ether	DIPE	0.2	<0.2
Ethyl tert-butyl ether	ETBE	0.2	<0.2
tert-Amyl methyl ether	TAME	0.2	<0.2
Methyl methacrylate	MMA	0.2	<0.2
1,1,1,2-Tetrachloroethane	R-130a / Acetylene trichloride	0.2	<0.2
Isopropylbenzene	Cumene	0.2	<0.2
2-Chlorotoluene	o-Chlorotoluene	0.2	<0.2
n-Propylbenzene	Phenyl propane	0.2	<0.2
tert-Butylbenzene	1,1-Dimethylethylbenzene	0.2	<0.2
sec-Butylbenzene	1-Methylpropylbenzene	0.2	<0.2
2-Isopropyltoluene	o-Cymene	0.2	<0.2
n-Butylbenzene	Phenyl butane	0.2	<0.2
Naphthalene		0.2	<0.2

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Sampler Verification Report

Sampler No: 078

Specified Purpose: USEPA TO15 (Extended Suite) **Verification Date:** 22-Sep-2017
LORs Required: Ambient Air **Valid To (At least):** 20-Oct-2017
Sampler Type: Soil Gas - Compact **Verification File:** 170922_09.D

Gauge Pressure on Dispatch:*

(1Hg = 3.39 kPa)

Checked by:

Gauge pressure is indicative only - Pressure varies with Atmospheric Pressure and may change in transit.

Analyst:

Dale Sample

Approved for Dispatch by:

Sampler Verification Protocol

Samplers are generally verified 'fit for purpose' for the requested analyses and applications. For most applications, samplers are verified clean according to the requirements of USEPA method TO15.

Each verification involves a check for contamination, leaks and damage to fittings.

ALS METHOD CODE: EP101

REFERENCE METHOD: Compendium Method TO-15: Determination of Volatile Organic Compounds (VOCs) in air collected in specially-prepared Canisters and analysed by Gas Chromatography/Mass Spectrometry (GC/MS)
<http://www.epa.gov/ttn/amtic/files/ambient/airtox/to-15r.pdf>

Target Compound	Alt. Name	Verified to ppbv	Result ppbv
1,1,1-Trichloroethane	1,1,1-TCA / Methyl chloroform	0.2	<0.2
1,1,2,2-Tetrachloroethane	R-130 / Acetylene tetrachloride	0.2	<0.2
1,1,2-Trichloroethane	Vinyl trichloride	0.2	<0.2
1,1-Dichloroethane	Ethylidene chloride	0.2	<0.2
1,1-Dichloroethene	1,1-DCE / Vinylidene chloride	0.2	<0.2
1,2-Dichloroethane	Ethylene chloride	0.2	<0.2
1,2,4-Trimethylbenzene	Pseudocumene	0.2	<0.2
1,2-Dibromoethane	EDB / Ethylene dibromide	0.2	<0.2
1,2-Dichlorobenzene	o-Dichlorobenzene	0.2	<0.2
1,2-Dichloropropane	Propylene dichloride	0.2	<0.2
1,3,5-Trimethylbenzene	Mesitylene	0.2	<0.2
1,3-Dichlorobenzene	m-Dichlorobenzene	0.2	<0.2
1,4-Dichlorobenzene	p-Dichlorobenzene	0.2	<0.2
Benzene	Cyclohexatriene	0.2	<0.2
Bromomethane	Methyl bromide	0.2	<0.2
Tetrachloromethane	Carbon tetrachloride	0.2	<0.2
Chlorobenzene	Phenyl chloride	0.2	<0.2
Chloroethane	Ethyl chloride	0.2	<0.2
Chloroform	Trichloromethane	0.2	<0.2
Chloromethane	Methyl chloride	0.2	<0.2
cis-1,2-Dichloroethene	cis-1,2-Dichloroethylene	0.2	<0.2
cis-1,3-Dichloropropene	cis-1,3-Dichloropropylene	0.2	<0.2
Ethylbenzene	Phenyl ethane	0.2	<0.2
Freon 12	Dichlorodifluoromethane	0.2	<0.2
Freon 11	Trichlorofluoromethane	0.2	<0.2
Freon 113	1,1,2-Trichloro-1,1,2-trifluoroethane	0.2	<0.2
Freon 114	1,2-Dichlorotetrafluoroethane	0.2	<0.2
Hexachlorobutadiene	Hexachloro-1,3-Butadiene	0.2	<0.2

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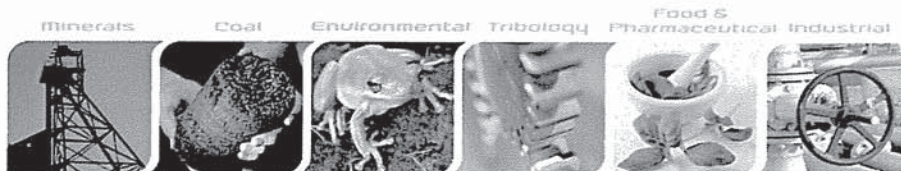


Target Compound	Alt. Name	Verified to ppbv	Result ppbv
Dichloromethane	Methylene chloride	0.2	<0.2
m- & p-Xylene	1,3 & 1,4 -Dimethylbenzene	0.4	<0.4
o-Xylene	1,2-Dimethylbenzene	0.2	<0.2
Styrene	Vinyl benzene	0.2	<0.2
Tetrachloroethene	PCE / Perchloroethylene	0.2	<0.2
Toluene	Methyl Benzene	0.2	<0.2
trans-1,3-Dichloropropene	trans-1,3-Dichloropropylene	0.2	<0.2
Trichloroethene	TCE / Trichloroethylene	0.2	<0.2
Vinyl chloride	Chloroethene	0.2	<0.2
1,2,4-Trichlorobenzene		0.2	<0.2
1,3-Butadiene	Biethylene	0.2	<0.2
1,4-Dioxane	p-Dioxane	0.2	<0.2
2,2,4-Trimethylpentane	Isooctane	0.2	<0.2
4-Ethyltoluene	p-Ethyltoluene	0.2	<0.2
Acetone	2-Propanone	0.2	<0.2
Allyl chloride	3-Chloropropene	0.2	<0.2
Bromodichloromethane	Dichlorobromomethane	0.2	<0.2
Bromoform	Tribromomethane	0.2	<0.2
Carbon disulfide	CS2	0.2	<0.2
Cyclohexane		0.2	<0.2
Dibromochloromethane	Chlorodibromoethane	0.2	<0.2
Ethyl acetate	Acetic ester	0.2	<0.2
Isopropyl alcohol	Isopropanol / 2-Propanol	0.2	<0.2
Methyl butyl ketone	MBK / 2-Hexanone	0.2	<0.2
Methyl ethyl ketone	MEK / 2-Butanone	0.2	<0.2
Methyl isobutyl ketone	MIBK / 4-Methyl-2-pentanone	0.2	<0.2
Methyl tert-butyl ether	MTBE	0.2	<0.2
n-Heptane		0.2	<0.2
n-Hexane		0.2	<0.2
Propene	Propylene	0.2	<0.2
Tetrahydrofuran	THF	0.2	<0.2
trans-1,2-Dichloroethene	trans-1,2-Dichloroethylene	0.2	<0.2
Vinyl acetate	Acetic acid vinyl ester	0.2	<0.2
Bromoethene	Vinyl bromide	0.2	<0.2
Benzyl chloride	α-Chlorotoluene	0.2	<0.2
Ethanol	Ethyl alcohol	0.2	<0.2
Acetonitrile	Methyl cyanide	0.2	<0.2
Acrolein	2-Propenal	0.2	<0.2
Acrylonitrile	2-Propenenitrile	0.2	<0.2
tert-Butyl alcohol	TBA	0.2	<0.2
2-Chloroprene	2-Chloro-1,3-butadiene	0.2	<0.2
Diisopropyl Ether	DIPE	0.2	<0.2
Ethyl tert-butyl ether	ETBE	0.2	<0.2
tert-Amyl methyl ether	TAME	0.2	<0.2
Methyl methacrylate	MMA	0.2	<0.2
1,1,1,2-Tetrachloroethane	R-130a / Acetylene trichloride	0.2	<0.2
Isopropylbenzene	Cumene	0.2	<0.2
2-Chlorotoluene	o-Chlorotoluene	0.2	<0.2
n-Propylbenzene	Phenyl propane	0.2	<0.2
tert-Butylbenzene	1,1-Dimethylethylbenzene	0.2	<0.2
sec-Butylbenzene	1-Methylpropylbenzene	0.2	<0.2
2-Isopropyltoluene	o-Cymene	0.2	<0.2
n-Butylbenzene	Phenyl butane	0.2	<0.2
Naphthalene		0.2	<0.2

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Sampler Verification Report

Sampler No: 104

Specified Purpose: USEPA TO15 (Extended Suite)
LORs Required: Ambient Air
Sampler Type: Soil Gas - Compact

Verification Date: 22-Sep-2017
Valid To (At least): 20-Oct-2017
Verification File: 170922_03.D

Gauge Pressure on Dispatch:* - 30 kPa
 (1Hg = 3.39 kPa)

Analyst: Dale Sample

Checked by: J 26/9/12

Approved for Dispatch by: J 26/9/12

Gauge pressure is indicative only - Pressure varies with Atmospheric Pressure and may change in transit.

Sampler Verification Protocol

Samplers are generally verified 'fit for purpose' for the requested analyses and applications. For most applications, samplers are verified clean according to the requirements of USEPA method TO15.

Each verification involves a check for contamination, leaks and damage to fittings.

ALS METHOD CODE: EP101

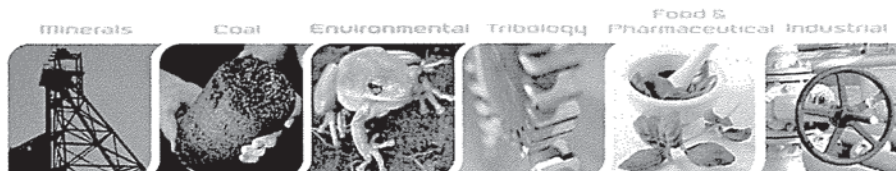
REFERENCE METHOD: Compendium Method TO-15: Determination of Volatile Organic Compounds (VOCs) in air collected in specially-prepared Canisters and analysed by Gas Chromatography/Mass Spectrometry (GC/MS)
<http://www.epa.gov/ttn/amtic/files/ambient/airtox/to-15r.pdf>

Target Compound	Alt. Name	Verified to ppbv	Result ppbv
1,1,1-Trichloroethane	1,1,1-TCA / Methyl chloroform	0.2	<0.2
1,1,2,2-Tetrachloroethane	R-130 / Acetylene tetrachloride	0.2	<0.2
1,1,2-Trichloroethane	Vinyl trichloride	0.2	<0.2
1,1-Dichloroethane	Ethylidene chloride	0.2	<0.2
1,1-Dichloroethene	1,1-DCE / Vinylidene chloride	0.2	<0.2
1,2-Dichloroethane	Ethylene chloride	0.2	<0.2
1,2,4-Trimethylbenzene	Pseudocumene	0.2	<0.2
1,2-Dibromoethane	EDB / Ethylene dibromide	0.2	<0.2
1,2-Dichlorobenzene	o-Dichlorobenzene	0.2	<0.2
1,2-Dichloropropane	Propylene dichloride	0.2	<0.2
1,3,5-Trimethylbenzene	Mesitylene	0.2	<0.2
1,3-Dichlorobenzene	m-Dichlorobenzene	0.2	<0.2
1,4-Dichlorobenzene	p-Dichlorobenzene	0.2	<0.2
Benzene	Cyclohexatriene	0.2	<0.2
Bromomethane	Methyl bromide	0.2	<0.2
Tetrachloromethane	Carbon tetrachloride	0.2	<0.2
Chlorobenzene	Phenyl chloride	0.2	<0.2
Chloroethane	Ethyl chloride	0.2	<0.2
Chloroform	Trichloromethane	0.2	<0.2
Chloromethane	Methyl chloride	0.2	<0.2
cis-1,2-Dichloroethene	cis-1,2-Dichloroethylene	0.2	<0.2
cis-1,3-Dichloropropene	cis-1,3-Dichloropropylene	0.2	<0.2
Ethylbenzene	Phenyl ethane	0.2	<0.2
Freon 12	Dichlorodifluoromethane	0.2	<0.2
Freon 11	Trichlorofluoromethane	0.2	<0.2
Freon 113	1,1,2-Trichloro-1,1,2-trifluoroethane	0.2	<0.2
Freon 114	1,2-Dichlorotetrafluoroethane	0.2	<0.2
Hexachlorobutadiene	Hexachloro-1,3-Butadiene	0.2	<0.2

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Target Compound	Alt. Name	Verified to ppbv	Result ppbv
Dichloromethane	Methylene chloride	0.2	<0.2
m -& p-Xylene	1,3 & 1,4 -Dimethylbenzene	0.4	<0.4
o-Xylene	1,2-Dimethylbenzene	0.2	<0.2
Styrene	Vinyl benzene	0.2	<0.2
Tetrachloroethene	PCE / Perchloroethylene	0.2	<0.2
Toluene	Methyl Benzene	0.2	<0.2
trans-1,3-Dichloropropene	trans-1,3-Dichloropropylene	0.2	<0.2
Trichloroethene	TCE / Trichloroethylene	0.2	<0.2
Vinyl chloride	Chloroethene	0.2	<0.2
1,2,4-Trichlorobenzene		0.2	<0.2
1,3-Butadiene	Biethylene	0.2	<0.2
1,4-Dioxane	p-Dioxane	0.2	<0.2
2,2,4-Trimethylpentane	Isooctane	0.2	<0.2
4-Ethyltoluene	p-Ethyltoluene	0.2	<0.2
Acetone	2-Propanone	0.2	<0.2
Allyl chloride	3-Chloropropene	0.2	<0.2
Bromodichloromethane	Dichlorobromomethane	0.2	<0.2
Bromoform	Tribromomethane	0.2	<0.2
Carbon disulfide	CS ₂	0.2	<0.2
Cyclohexane		0.2	<0.2
Dibromochloromethane	Chlorodibromoethane	0.2	<0.2
Ethyl acetate	Acetic ester	0.2	<0.2
Isopropyl alcohol	Isopropanol / 2-Propanol	0.2	<0.2
Methyl butyl ketone	MBK / 2-Hexanone	0.2	<0.2
Methyl ethyl ketone	MEK / 2-Butanone	0.2	<0.2
Methyl isobutyl ketone	MIBK / 4-Methyl-2-pentanone	0.2	<0.2
Methyl tert-butyl ether	MTBE	0.2	<0.2
n-Heptane		0.2	<0.2
n-Hexane		0.2	<0.2
Propene	Propylene	0.2	<0.2
Tetrahydrofuran	THF	0.2	<0.2
trans-1,2-Dichloroethene	trans-1,2-Dichloroethylene	0.2	<0.2
Vinyl acetate	Acetic acid vinyl ester	0.2	<0.2
Bromoethene	Vinyl bromide	0.2	<0.2
Benzyl chloride	α-Chlorotoluene	0.2	<0.2
Ethanol	Ethyl alcohol	0.2	<0.2
Acetonitrile	Methyl cyanide	0.2	<0.2
Acrolein	2-Propenal	0.2	<0.2
Acrylonitrile	2-Propenenitrile	0.2	<0.2
tert-Butyl alcohol	TBA	0.2	<0.2
2-Chloroprene	2-Chloro-1,3-butadiene	0.2	<0.2
Diisopropyl Ether	DIPE	0.2	<0.2
Ethyl tert-butyl ether	ETBE	0.2	<0.2
tert-Amyl methyl ether	TAME	0.2	<0.2
Methyl methacrylate	MMA	0.2	<0.2
1,1,1,2-Tetrachloroethane	R-130a / Acetylene trichloride	0.2	<0.2
Isopropylbenzene	Cumene	0.2	<0.2
2-Chlorotoluene	o-Chlorotoluene	0.2	<0.2
n-Propylbenzene	Phenyl propane	0.2	<0.2
tert-Butylbenzene	1,1-Dimethylethylbenzene	0.2	<0.2
sec-Butylbenzene	1-Methylpropylbenzene	0.2	<0.2
2-Isopropyltoluene	o-Cymene	0.2	<0.2
n-Butylbenzene	Phenyl butane	0.2	<0.2
Naphthalene		0.2	<0.2

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Sampler Verification Report

Sampler No: 105

Specified Purpose: USEPA TO15 (Extended Suite) **Verification Date:** 22-Sep-2017
LORs Required: Ambient Air **Valid To (At least):** 20-Oct-2017
Sampler Type: Soil Gas - Compact **Verification File:** 170921_24.D

Gauge Pressure on Dispatch:* - 30 kPa
 (1Hg = 3.39 kPa)

Checked by: *us 26/9/17*

Gauge pressure is indicative only - Pressure varies with Atmospheric Pressure and may change in transit.

Analyst: Dale Sample

Approved for Dispatch by: *S 26/9/17*

Sampler Verification Protocol

Samplers are generally verified 'fit for purpose' for the requested analyses and applications. For most applications, samplers are verified clean according to the requirements of USEPA method TO15.

Each verification involves a check for contamination, leaks and damage to fittings.

ALS METHOD CODE: EP101

REFERENCE METHOD: Compendium Method TO-15: Determination of Volatile Organic Compounds (VOCs) in air collected in specially-prepared Canisters and analysed by Gas Chromatography/Mass Spectrometry (GC/MS)
<http://www.epa.gov/ttn/amtic/files/ambient/airtox/to-15r.pdf>

Target Compound	Alt. Name	Verified to ppbv	Result ppbv
1,1,1-Trichloroethane	1,1,1-TCA / Methyl chloroform	0.2	<0.2
1,1,2,2-Tetrachloroethane	R-130 / Acetylene tetrachloride	0.2	<0.2
1,1,2-Trichloroethane	Vinyl trichloride	0.2	<0.2
1,1-Dichloroethane	Ethylidene chloride	0.2	<0.2
1,1-Dichloroethene	1,1-DCE / Vinylidene chloride	0.2	<0.2
1,2-Dichloroethane	Ethylene chloride	0.2	<0.2
1,2,4-Trimethylbenzene	Pseudocumene	0.2	<0.2
1,2-Dibromoethane	EDB / Ethylene dibromide	0.2	<0.2
1,2-Dichlorobenzene	o-Dichlorobenzene	0.2	<0.2
1,2-Dichloropropane	Propylene dichloride	0.2	<0.2
1,3,5-Trimethylbenzene	Mesitylene	0.2	<0.2
1,3-Dichlorobenzene	m-Dichlorobenzene	0.2	<0.2
1,4-Dichlorobenzene	p-Dichlorobenzene	0.2	<0.2
Benzene	Cyclohexatriene	0.2	<0.2
Bromomethane	Methyl bromide	0.2	<0.2
Tetrachloromethane	Carbon tetrachloride	0.2	<0.2
Chlorobenzene	Phenyl chloride	0.2	<0.2
Chloroethane	Ethyl chloride	0.2	<0.2
Chloroform	Trichloromethane	0.2	<0.2
Chloromethane	Methyl chloride	0.2	<0.2
cis-1,2-Dichloroethene	cis-1,2-Dichloroethylene	0.2	<0.2
cis-1,3-Dichloropropene	cis-1,3-Dichloropropylene	0.2	<0.2
Ethylbenzene	Phenyl ethane	0.2	<0.2
Freon 12	Dichlorodifluoromethane	0.2	<0.2
Freon 11	Trichlorofluoromethane	0.2	<0.2
Freon 113	1,1,2-Trichloro-1,1,2-trifluoroethane	0.2	<0.2
Freon 114	1,2-Dichlorotetrafluoroethane	0.2	<0.2
Hexachlorobutadiene	Hexachloro-1,3-Butadiene	0.2	<0.2

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Target Compound	Alt. Name	Verified to ppbv	Result ppbv
Dichloromethane	Methylene chloride	0.2	<0.2
m -& p-Xylene	1,3 & 1,4 -Dimethylbenzene	0.4	<0.4
o-Xylene	1,2-Dimethylbenzene	0.2	<0.2
Styrene	Vinyl benzene	0.2	<0.2
Tetrachloroethene	PCE / Perchloroethylene	0.2	<0.2
Toluene	Methyl Benzene	0.2	<0.2
trans-1,3-Dichloropropene	trans-1,3-Dichloropropylene	0.2	<0.2
Trichloroethene	TCE / Trichloroethylene	0.2	<0.2
Vinyl chloride	Chloroethene	0.2	<0.2
1,2,4-Trichlorobenzene		0.2	<0.2
1,3-Butadiene	Biethylene	0.2	<0.2
1,4-Dioxane	p-Dioxane	0.2	<0.2
2,2,4-Trimethylpentane	Isooctane	0.2	<0.2
4-Ethyltoluene	p-Ethyltoluene	0.2	<0.2
Acetone	2-Propanone	0.2	<0.2
Allyl chloride	3-Chloropropene	0.2	<0.2
Bromodichloromethane	Dichlorobromomethane	0.2	<0.2
Bromoform	Tribromomethane	0.2	<0.2
Carbon disulfide	CS2	0.2	<0.2
Cyclohexane		0.2	<0.2
Dibromochloromethane	Chlorodibromoethane	0.2	<0.2
Ethyl acetate	Acetic ester	0.2	<0.2
Isopropyl alcohol	Isopropanol / 2-Propanol	0.2	<0.2
Methyl butyl ketone	MBK / 2-Hexanone	0.2	<0.2
Methyl ethyl ketone	MEK / 2-Butanone	0.2	<0.2
Methyl isobutyl ketone	MIBK / 4-Methyl-2-pentanone	0.2	<0.2
Methyl tert-butyl ether	MTBE	0.2	<0.2
n-Heptane		0.2	<0.2
n-Hexane		0.2	<0.2
Propene	Propylene	0.2	<0.2
Tetrahydrofuran	THF	0.2	<0.2
trans-1,2-Dichloroethene	trans-1,2-Dichloroethylene	0.2	<0.2
Vinyl acetate	Acetic acid vinyl ester	0.2	<0.2
Bromoethene	Vinyl bromide	0.2	<0.2
Benzyl chloride	α-Chlorotoluene	0.2	<0.2
Ethanol	Ethyl alcohol	0.2	<0.2
Acetonitrile	Methyl cyanide	0.2	<0.2
Acrolein	2-Propenal	0.2	<0.2
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