

# Volatile Organic Compound Standards (VOCs)



## Summary of Features & Benefits:

### Commercial Benefits

- Ready to use (dilute for use as calibration and/or quality control standards)
- Extensive range of organic compound mixes and single compound standards available
- Can be used with a variety of instruments including GC, GC-MS, HPLC and LC-MS
- Designed specifically for use in EPA or EU analytical methods
- Presented in high quality amber ampoules
- Customised formulations available

### Technical Benefits

- Produced in accordance with EPA methods
- Consistency of product - Independent, Traceable, Certified
- Ideal for use in EPA 500, 600 and 8000 series methods
- Certificates of Analysis and Safety Data Sheets available online

These products are prepared gravimetrically on a weight/volume basis. Both solute and solvent are prepared using equipment calibrated by Reagecon engineers. Reagecon holds IEC/ISO 17025 accreditation for calibration of laboratory balances and pipettes (INAB Ref:265C). The resulting equipment Calibration Certificates are issued in accordance with the requirements of ISO/IEC 17025. The results are then reported and certified in  $\mu\text{g}/\text{ml}$  on the basis of weight and the density measurement of the standard. Reagecon is IEC/ISO 17025 (INAB Ref:264T) Accredited for density measurement using an Oscillating U-Tube Method in accordance with the ASTM D4052 method. The concentration of each standard is verified using a high performance calibrated Gas Chromatograph - Mass Spectrometer (GC-MS Instrument). The calibration of the GC-MS instrument is completed using high purity ISO 17034 accredited VOC standards similar in VOC concentration value to these products. The mass spectrum of each of the analytes is confirmed by comparison with the National Institute of Standards and Technology (NIST) mass spectral library.



## Volatile Organic Compounds (VOCs) Mixed Standards

Description	US EPA Methods	Pack in Ampoule	2,000µg/ml in Purge & Trap Methanol	200µg/ml in Purge & Trap Methanol
1,1-Dichlorethene (dichloroethylene)	502.2	1ml	REVOC001	REVOC002
trans-1,2-Dichloroethene	524.2		(54 compound mix)	(54 compound mix)
Dichloromethane (methylene chloride)	8021			
1,1-Dichloroethane	8021A			
cis-1,2-Dichloroethane	8021B			
2,2-Dichloropropane	8260B			
Bromochloromethane				
Chloroform				
1,1,1-Trichloroethane				
1,1-Dichloropropene				
Carbon Tetrachloride				
1,2-Dichloroethane				
Benzene				
Trichloroethene				
1,2-Dichloropropane				
Dibromomethane				
Bromodichloromethane				
trans-1,3-Dichloropropene				
Toluene				
cis-1,3-Dichloropropene				
1,3-Dichloropropane				
Tetrachloroethene				
Dibromochloromethane				
Dibromoethane				
Chlorobenzene				
1,1,1,2-Tetrachloroethane				
Ethylbenzene				
m-Xylene				
p-Xylene				
o-Xylene				
Styrene				
Bromoform				
Isopropylbenzene				
1,1,2,2-Tetrachloroethane				
1,2,3-Trichloropropane				
Bromobenzene				
n-Propylbenzene				
2-Chlorotoluene				
1,2,4-Trimethylbenzene				
4-Chlorotoluene				
tert-Butylbenzene				
1,3,5-Trimethylbenzene				
sec-Butylbenzene				
1,3-Dichlorobenzene				
4-Isopropyltoluene				
1,4-Dichlorobenzene				
1,2-Dichlorobenzene				
n-Butylbenzene				
1,2-Dibromo-3-chloropropane				
1,2,3-Trichlorobenzene				
Hexachlorobutadiene				
Naphthalene				
1,2,4-Trichlorobenzene				
1,1,2-Trichloroethane				

Description	US EPA Methods	Pack in Ampoule	2,000µg/ml in Purge & Trap Methanol	200µg/ml in Purge & Trap Methanol
Bromoform	502.2	1ml	REVOC003 (15 compound mix)	REVOC004 (15 compound mix)
Chlorobenzene	524.2			
Carbon Tetrachloride	8021			
Chloroform	8021A			
Dibromochloromethane	8021B			
1,1-Dichloroethane	624			
1,2-Dichloroethane	8240B			
1,1-Dichlorethene	8260B			
trans-1,2-Dichloroethene				
1,2-Dichloropropane				
Dichloromethane				
1,1,1,2-Tetrachloroethane				
Tetrachloroethene				
1,1,2-Trichloroethane				
Trichloroethene				
Bromobenzene	502.2	1ml	REVOC005 (21 compound mix)	REVOC006 (21 compound mix)
Bromochloromethane	524.2			
Bromodichloromethane	8021			
n-Butylbenzene	8021A			
2-Chlorotoluene	8021B			
4-Chlorotoluene	8260B			
Dibromoethane				
1,2-Dichlorobenzene				
1,3-Dichlorobenzene				
cis-1,2-Dichloroethane				
1,3-Dichloropropane				
1,1-Dichloropropene				
cis-1,3-Dichloropropene				
trans-1,3-Dichloropropene				
Ethylbenzene				
Isopropylbenzene				
Styrene				
1,1,1,2-Tetrachloroethane				
1,1,1-Trichloroethane				
1,2,3-Trichloropropane				
p-Xylene				
Benzene	502.2	1ml	REVOC007 (17 compound mix)	REVOC008 (17 compound mix)
sec-Butylbenzene	524.2			
tert-Butylbenzene	8021			
1,2-Dibromo-3-chloropropane	8021A			
1,4-Dichlorobenzene	8021B			
2,2-Dichloropropane	8260B			
Hexachlorobutadiene				
4-Isopropyltoluene				
Naphthalene				
n-Propylbenzene				
Toluene				
1,2,3-Trichlorobenzene				
1,2,4-Trichlorobenzene				
1,2,4-Trimethylbenzene				
1,3,5-Trimethylbenzene				
o-Xylene				
m-Xylene				

Description	US EPA Methods	Pack in Ampoule	2,000µg/ml in Purge & Trap Methanol	200µg/ml in Purge & Trap Methanol
Bromodichloromethane	501	1ml	REVOC009 (4 compound mix)	REVOC010 (4 compound mix)
Bromoform				
Chloroform				
Dibromochloromethane				
Benzene	602	1 ml	REVOC018 (7 compound mix)	REVOC019 (7 compound mix)
Chlorobenzene				
1,2-Dichlorobenzene				
1,3-Dichlorobenzene				
1,4-Dichlorobenzene				
Ethylbenzene				
Toluene				
Benzene	602	1ml	REVOC020 (6 compound mix for BTEX)	REVOC021 (6 compound mix for BTEX)
Ethylbenzene				
Toluene				
m-Xylene				
p-Xylene				
o-Xylene				

## Volatile Organic Compounds (VOCs) Mixed Standards

Product No.	Description - Each at 2,000µg/ml in Purge & Trap Methanol	US EPA Methods	Packed in Ampoule
REVOC011 (9 compound mix)	Bromochloromethane	502.2	1ml
	Bromoform	524.2	
	Carbon Tetrachloride	8021	
	Chloroform	8021A	
	Dibromomethane	8021B	
	1,1-Dichloroethane		
	2,2-Dichloropropane		
	Tetrachloroethene		
	1,1,1-Trichloroethane		
REVOC012 (16 compound mix)	1,2-Dibromo-3-chloropropane	502.2	1ml
	Dibromoethane	524.2	
	1,2-Dichloroethane	8021	
	1,2-Dichloropropane	8021A	
	1,3-Dichloropropane	8021B	
	1,1-Dichloropropene		
	trans-1,3-Dichloropropene		
	cis-1,3-Dichloropropene		
	Hexachlorobutadiene		
	1,1,1,2-Tetrachloroethane		
	1,1,2,2-Tetrachloroethane		
	1,1,2-Trichloroethane		
	Trichloroethene		
	1,2,3-Trichloropropane		
	Naphthalene		
1,2,4-Trimethylbenzene			

## Volatile Organic Compounds (VOCs) Mixed Standards

Product No.	Description - Each at 2,000µg/ml in Purge & Trap Methanol	US EPA Methods	Packed in Ampoule
REVOC013 (12 compound mix)	Benzene	502.2	1ml
	Bromobenzene	524.2	
	n-Butylbenzene	8021	
	Ethylbenzene	8021A	
	4-Isopropyltoluene	8021B	
	Styrene		
	Toluene		
	1,2,3-Trichlorobenzene		
	1,2,4-Trichlorobenzene		
	1,3,5-Trimethylbenzene		
	1,2,4-Trimethylbenzene		
	m-Xylene		
	REVOC014 (12 compound mix)	sec-Butylbenzene	
tert-Butylbenzene		524.2	
Chlorobenzene		8021	
2-Chlorotoluene		8021A	
4-Chlorotoluene		8021B	
1,2-Dichlorobenzene			
1,3-Dichlorobenzene			
1,4-Dichlorobenzene			
Isopropylbenzene			
n-Propylbenzene			
o-Xylene			
p-Xylene			
REVOC015 (28 compound mix)	1,2,4-Trimethylbenzene	503.1	1ml
	1,2-Dichlorobenzene		
	1,3,5-Trimethylbenzene		
	1,3-Dichlorobenzene		
	1,4-Dichlorobenzene		
	2-Chlorotoluene		
	Benzene		
	Bromobenzene		
	n-Butylbenzene		
	tert-Butylbenzene		
	sec-Butylbenzene		
	Chlorobenzene		
	4-Chlorotoluene		
	Ethylbenzene		
	Hexachlorobutadiene		
	Isopropylbenzene		
	4-Isopropyltoluene		
	Naphthalene		
	n-Propylbenzene		
	Styrene		
	Tetrachloroethene		
	Toluene		
	1,2,3-Trichlorobenzene		
	1,2,4-Trichlorobenzene		
	Trichloroethene		
	m-Xylene		
	p-Xylene		
	o-Xylene		

Product No.	Description - Each at 2,000µg/ ml in Purge & Trap Methanol	US EPA Methods	Packed in Ampoule
REVOC016 (2 compound mix)	1,2-Dibromo-3-chloropropane	504	1ml
	Dibromoethane	8011	
REVOC017 (3 compound mix)	1,2-Dibromo-3-chloropropane	504.1	1ml
	Dibromoethane		
	1,2,3-Trichloropropane		
REVOC022 (10 compound mix)	Benzene	8020	1ml
	Chlorobenzene	8020A	
	1,3-Dichlorobenzene		
	1,4-Dichlorobenzene		
	1,2-Dichlorobenzene		
	Ethylbenzene		
	m-Xylene		
	p-Xylene		
	o-Xylene		
Toluene			



Product No.	Description - Each at 2,000µg/ml in Purge & Trap Methanol	US EPA Methods	Packed in Ampoule
REVOC023 (53 compound mix)	1,1-Dichlorethene (dichloroethylene)	8021	1ml
	Dichloromethane (methylene chloride)	8021A	
	trans-1,2-Dichloroethene	8021B	
	1,1-Dichloroethane	8260B	
	cis-1,2-Dichloroethane		
	2,2-Dichloropropane		
	Chloroform		
	1,1,1-Trichloroethane		
	1,1-Dichloropropene		
	Carbon Tetrachloride		
	1,2-Dichloroethane		
	Benzene		
	Trichloroethene		
	1,2-Dichloropropane		
	Dibromomethane		
	Bromodichloromethane		
	trans-1,3-Dichloropropene		
	Toluene		
	cis-1,3-Dichloropropene		
	1,3-Dichloropropane		
	Tetrachloroethene		
	Dibromochloromethane		
	Dibromoethane		
	Chlorobenzene		
	1,1,1,2-Tetrachloroethane		
	Ethylbenzene		
	m-Xylene		
	p-Xylene		
	o-Xylene		
	Styrene		
	Bromoform		
	Isopropylbenzene		
	1,1,2,2-Tetrachloroethane		
	1,2,3-Trichloropropane		
	Bromobenzene		
	n-Propylbenzene		
	2-Chlorotoluene		
	1,2,4-Trimethylbenzene,		
	4-Chlorotoluene		
	tert-Butylbenzene		
	1,3,5-Trimethylbenzene		
	sec-Butylbenzene		
	1,3-Dichlorobenzene		
	4-Isopropyltoluene		
	1,4-Dichlorobenzene		
	1,2-Dichlorobenzene		
	n-Butylbenzene		
	1,2-Dibromo-3-chloropropane		
	1,2,3-Trichlorobenzene		
	Hexachlorobutadiene		
	Naphthalene		
	1,2,4-Trichlorobenzene		
	1,1,2-Trichloroethane		

Product No. Pack in 1ml Ampoule	Description - Each at 200µg/ml in Purge & Trap Methanol
REVOC0025 (20 compound mix)	1,1,1-Trichloroethane
	1,1-Dichlorethene (dichloroethylene)
	1,1-Dichloroethane
	1,2-Dichlorobenzene
	1,2-Dichloropropane
	1,3-Dichlorobenzene
	1,4-Dichlorobenzene
	Benzene
	Bromodichloromethane
	Bromoform
	Carbon Tetrachloride
	Chlorobenzene
	Chloroform
	Dibromochloromethane
	Dichloromethane (methylene chloride)
	Ethylbenzene
	Styrene
	Tetrachloroethene
	Toluene
	Trichloroethene

Product No. Pack in 1ml Ampoule	Description - Each at 1000µg/ml in Purge & Trap Methanol
REVOC0026 (18 compound mix)	1,2,3-Trichlorobenzene
	1,2,4-Trichlorobenzene
	1,2-Dichlorobenzene
	1,3-Dichlorobenzene
	1,4-Dichlorobenzene
	Benzene
	Bromodichloromethane
	Bromoform
	Carbon Tetrachloride
	Chloroform
	Dibromochloromethane
	Ethylbenzene
	Isopropylbenzene
	m-Xylene
	o-Xylene
	p-Xylene
	Styrene
	Toluene

Product No. Pack in 1ml Ampoule	Description - Each at 20000µg/ml in Purge & Trap Methanol
REVOC0028 (13 compound mix)	1,2,3-Trichlorobenzene
	1,2,4-Trichlorobenzene
	1,2,4-Trimethylbenzene
	1,3,5-Trimethylbenzene
	4-Isopropyltoluene
	Benzene
	Bromobenzene
	Ethylbenzene
	m-Xylene
	Naphthalene
	n-Butylbenzene
	Styrene
	Toluene

Product No. Pack in 1ml Ampoule	Description - Each at 20000µg/ml in Purge & Trap Methanol
REVOC0030 (12 compound mix)	1,2-Dichlorobenzene
	1,3-Dichlorobenzene
	1,4-Dichlorobenzene
	2-Chlorotoluene
	4-Chlorotoluene
	Chlorobenzene
	Isopropylbenzene
	n-Propylbenzene
	o-Xylene
	p-Xylene
	sec-Butylbenzene
	tert-Butylbenzene

Product No. Pack in 1ml Ampoule	Description - Each at 20000µg/ml in Purge & Trap Methanol
REVOC0031 (12 compound mix)	1,2,3-Trichlorobenzene
	1,2,4-Trichlorobenzene
	1,2,4-Trimethylbenzene
	1,3,5-Trimethylbenzene
	4-Isopropyltoluene
	Benzene
	Bromobenzene
	Ethylbenzene
	Naphthalene
	n-Butylbenzene
	Styrene
	Toluene

Product No. Pack in 1ml Ampoule	Description - Each at 1000µg/ml in Purge & Trap Methanol
REVOC0033 (11 compound mix)	1,2-Dichlorobenzene
	1,3-Dichlorobenzene
	1,4-Dichlorobenzene
	2-Chlorotoluene
	4-Chlorotoluene
	Chlorobenzene
	Isopropylbenzene
	n-Propylbenzene
	sec-Butylbenzene
	tert-Butylbenzene
	o-Xylene



Product No. Pack in 1ml Ampoule	Description - Each at 40µg/ml in Purge & Trap Methanol
REVOC0034 (10 compound mix)	1,1,2,2-Tetrachloroethane
	1,1,2-Trichloroethane
	1,1-Dichloroethene (dichloroethylene)
	1,2,3-Trichloropropane
	1,2-Dichloroethane
	1,2-Dichloropropane
	Chloroform
	Hexachlorobutadiene
	Tetrachloroethene
	Trichloroethene

Product No. Pack in 1ml Ampoule	Description - Each at 200µg/ml in Purge & Trap Methanol
REVOC0035 (10 compound mix)	1,1,1-Trichloroethane
	1,1-Dichloroethene
	Bromodichloromethane
	Bromoform
	Carbon Tetrachloride
	Chloroform
	Dibromochloromethane
	Dichloromethane (methylene chloride)
	Tetrachloroethene
	Trichloroethene

Product No. Pack in 1ml Ampoule	Description - Each at 20000µg/ml in Purge & Trap Methanol
REVOC0036 (9 compound mix)	1,1,1-Trichloroethane
	1,1-Dichloroethane
	2,2-Dichloropropane
	Bromodichloromethane
	Bromoform
	Carbon Tetrachloride
	Chloroform
	Dibromomethane
	Tetrachloroethene

Product No. Pack in 1ml Ampoule	Description - Each at 1000µg/ml in Purge & Trap Methanol
REVOC0037 (9 compound mix)	Benzene
	Carbon Tetrachloride
	Chloroform
	m-Xylene
	o-Xylene
	p-Xylene
	Tetrachloroethene
	Toluene
	Trichloroethene

Product No. Pack in 1ml Ampoule	Description - Each at 1000µg/ml in Purge & Trap Methanol
REVOC0038 (9 compound mix)	Benzene
	Chlorobenzene
	Ethylbenzene
	m-Xylene
	o-Xylene
	p-Xylene
	Styrene
	Toluene

Product No. Pack in 1ml Ampoule	Description - Each at 100µg/ml in Methylene Chloride
REVOC0042 (8 compound mix)	1,1,1-Trichloroethane
	Bromodichloromethane
	Bromoform
	Chloroform
	Dibromochloromethane
	Dichloromethane (methylene chloride)
	Tetrachloroethene
	Trichloroethene

Product No. Pack in 1ml Ampoule	Description - Each at 100µg/ml in Purge & Trap Methanol
REVOC0043 (5 compound mix)	Bromoform
	Carbon Tetrachloride
	Chloroform
	Tetrachloroethene
	Trichloroethene

Product No. Pack in 1ml Ampoule	Description - Each at 40µg/ml in Purge & Trap Methanol
REVOC0046 (3 compound mix)	1,1,1-Trichloroethane
	1,1-Dichloroethane
	trans-1,2-Dichloroethene

Product No. Pack in 1ml Ampoule	Description - Each at 1000µg/ml in Purge & Trap Methanol
REVOC0047 (3 compound mix)	1,1-Dichloroethane
	1,2-Dichloroethane
	Dichloromethane (methylene chloride)

Product No. Pack in 1ml Ampoule	Description - Each at 1000µg/ml in Purge & Trap Methanol
REVOC0048 (3 compound mix)	1,2,4-Trichlorobenzene
	1,4-Dichlorobenzene
	Chlorobenzene

Product No. Pack in 1ml Ampoule	Description - Each at 1000µg/ml in Purge & Trap Methanol
REVOC0049 (2 compound mix)	Tetrachloroethene
	Trichloroethene

Product No. Pack in 1ml Ampoule	Description - Each at 200µg/ml in Purge & Trap Methanol
REVOC0051 (2 compound mix)	Benzene
	Toluene

Product No. Pack in 1ml Ampoule	Description - Each at 2µg/ml in Purge & Trap Methanol
REVOC0052 (2 compound mix)	Benzene
	Toluene

Product No. Pack in 1ml Ampoule	Description - Each at 100µg/ml in Purge & Trap Methanol
REVOC0053 (2 compound mix)	Benzene
	Toluene

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**CERTIFICATE OF ANALYSIS**

**PRODUCT:** VOC Mixed Standard-13 Compound Mix @ 200µg/ml in Purge and Trap Methanol  
**PRODUCT No.:** REVOC004  
**MATRIX:** Methanol  
**LOT NO.:** VOC00415E1  
**DATE OF PREPARATION:** 28<sup>th</sup> May 2013  
**EXPIRY DATE:** 28<sup>th</sup> May 2018  
**PREPARATION OF STANDARD:**

All standard components have been pre-qualified/verified before use. All preparations take place in a cleanroom environment under strictly monitored and controlled conditions. All analytical measuring devices and instrumentation have been pre-calibrated. The actual concentrations reported below are based on this preparation methodology and compound impurities.

Compound	Purity %	Labeled µg/ml	Actual µg/ml
Bromoflume	97.7	200	20322.5
Chlorobenzene	99.7	200	19922.5
Carbon Tetrachloride	95.3	200	20122.5
Chloroform	95.3	200	20022.5
Dibromochloromethane	98.2	200	20212.5
1,1-Dichloroethane	98.4	200	20212.5
trans-1,2-Dichloroethane	99.3	200	100022.5
1,2-Dichloropropane	98.2	200	20022.5
Dichloromethane	98.2	200	20122.5
1,1,2-Trichloroethane	99.3	200	20212.5
Tetrachloroethane	99.3	200	20122.5
1,1,2-Trichloroethane	99.4	200	20022.5
Tetrachloroethane	95.3	200	20122.5

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**TRACEABILITY IN THE PRODUCTION OF THIS STANDARD**

This product was prepared gravimetrically on a weight/volume basis. The solute was weighed on a balance calibrated by Reagecon engineers using OIML traceable weights. Reagecon holds ISO 17025 accreditation for calibration of non-automatic weighing machines (205C). The resulting Balance Certificate of Calibration was issued in accordance with the requirements of ISO/IEC 17025. The balance was calibrated under monitored environmental conditions and atmospheric pressure. Tests were performed for capacity, readability, repeatability, accuracy and linearity. Dilution of the final product to volume was performed using internally calibrated Class A volumetric glassware.

**BALANCE ID No.:** ERD060      **CALIBRATION DATE OF BALANCE:** 28<sup>th</sup> May 2015  
**CALIBRATION AUTHORITY OF BALANCE:** Reagecon Diagnostics Ltd, ISO 17025 Accreditation No. 285C  
**WEIGHTS No.:** RTS68      **CALIBRATION DATE OF WEIGHTS:** 0<sup>th</sup> April 2013  
**CALIBRATION AUTHORITY OF WEIGHTS:** Complete Calibration (NSA No. 282)  
**QUALITY CONTROL VERIFICATION:** 29<sup>th</sup> May 2015

**STORAGE/USAGE INSTRUCTIONS:**

Please store this product in a freezer (-20°C). To open product, invert at least 10 times (do not shake) and sonicate if solid material is apparent. Break the ampoule open at the lower neck mark (cutting sharp glass) and transfer to vial. Allow to return to room temperature before use. Store after opening in a freezer, invert, sonicate and allow vial to return to room temperature before each subsequent use. Use only Class A volumetric glassware for dilutions and ensuring thorough mixing.

**Date:** 08<sup>th</sup> July 2015

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Product No. Pack in 1ml Ampoule	Description - Each in Acetone	Concentration µg/ml
REVOC0032 (12 compound mix)	1,2-Dichloroethane	4000
	Benzene	12000
	Carbon Tetrachloride	4000
	Chlorobenzene	8000
	Chloroform	4000
	Ethylbenzene	8000
	m-Xylene	12000
	o-Xylene	12000
	p-Xylene	12000
	Tetrachloroethene	4000
	Toluene	12000
	Trichloroethene	4000
Product No. Pack in 1ml Ampoule	Description - Each in Purge & Trap Methanol	Concentration µg/ml
REVOC0039 (9 compound mix)	1,2-Dichloroethane	3000
	Benzene	1000
	Chlorobenzene	1000
	Ethylbenzene	1000
	m-Xylene	1000
	o-Xylene	1000
	p-Xylene	1000
	Styrene	1000
	Toluene	1000
Product No. Pack in 1ml Ampoule	Description - Each in Purge & Trap Methanol	Concentration µg/ml
REVOC0040 (9 compound mix)	1,1,1-Trichloroethane	100
	1,2-Dichloroethane	100
	Bromodichloromethane	100
	Bromoform	100
	Carbon Tetrachloride	100
	Chloroform	100
	Dibromochloromethane	100
	Tetrachloroethene	50
	Trichloroethene	50
Product No. Pack in 1ml Ampoule	Description - Each in Purge & Trap Methanol	Concentration µg/ml
REVOC0041 (8 compound mix)	1,2-Dichloroethane	3000
	Benzene	1000
	Ethylbenzene	1000
	m-Xylene	1000
	o-Xylene	1000
	p-Xylene	1000
	Styrene	1000
	Toluene	1000

Product No. Pack in 1ml Ampoule	Description - Each in Purge & Trap Methanol	Concentration µg/ml
REVOC0044 (5 compound mix)	1,1-Dichloroethane	6
	1,2,3-Trichloropropane	6
	Bromochloromethane	12
	n-Propylbenzene	6
	sec-Butylbenzene	8
Product No. Pack in 1ml Ampoule	Description - Each in Purge & Trap Methanol	Concentration µg/ml
REVOC0045 (5 compound mix)	1,1-Dichloroethane	0.6
	1,2,3-Trichloropropane	0.6
	Bromochloromethane	1.2
	n-Propylbenzene	0.6
	sec-Butylbenzene	0.8
Product No. Pack in 1ml Ampoule	Description - Each in Purge & Trap Methanol	Concentration µg/ml
REVOC0054 (9 compound mix)	1,2,3-Trichlorobenzene	100
	1,2,4-Trichlorobenzene	100
	Styrene	100
	Ethylbenzene	100
	Toluene	100
	o-Xylene	100
	m-Xylene	100
	p-Xylene	100
	Naphthalene	100
Product No. Pack in 1 ml Ampoule	Description - Each in Purge & Trap Methanol	Concentration µg/ml
REVOC0056 (4 compound mix)	Trichloroethene	100
	Tetrachloroethene	100
	1,2-Dichloroethene	100
	Benzene	100
Product No. Pack in 1ml Ampoule	Description - Each in Purge & Trap Methanol	Concentration µg/ml
REVOC0058 (8 compound mix)	Chloroform	100
	Bromodichloromethane	100
	Dibromochloromethane	100
	Bromoform	100
	1,2-Dichloroethane	100
	Trichloroethene	100
	Tetrachloroethene	100
	Tetrachloromethane	100

Product No. Pack in 1ml Ampoule	Description - Each in Purge & Trap Methanol	Concentration µg/ml
REVOC0183 (14 compound mix)	1,1-Dichloroethylene	500
	Methylene chloride	2000
	trans-1,2-Dichloroethylene	2000
	Chloropropene	500
	cis-1,2-Dichloroethylene	2000
	Chloroform	20
	Carbon Tetrachloride	20
	1,2-Dichloroethane	2000
	Trichloroethylene	20
	Bromodichloromethane	20
	Tetrachloroethylene	20
	Dibromochloromethane	100
	Bromoform	100
	Hexachlorobutadiene	20
Product No. Pack in 1ml Ampoule	Description - Each in Toluene	Concentration µg/ml
REVOC0184 (2 compound mix)	Methyl mercury chloride	1000
	Ethyl mercury chloride	1000
Product No. Pack in 1ml Ampoule	Description - Each in Purge & Trap Methanol	Concentration µg/ml
REVOC0185 (12 compound mix)	Chlorobenzene	100000
	1,2,4-Trichlorobenzene	200
	1,2,3-Trichlorobenzene	200
	1,3,5-Trichlorobenzene	200
	1,2,3,4-Tetrachlorobenzene	50
	1,2,3,5-Tetrachlorobenzene	50
	1,2-Dichlorobenzene	1000
	1,3-Dichlorobenzene	1000
	1,4-Dichlorobenzene	1000
	Hexachlorobenzene	20
	Pentachlorobenzene	20
	1,2,4,5-tetrachlorobenzene	50

Product No. Pack in 1ml Ampoule	Description - Each in Purge & Trap Methanol	Concentration µg/ml
REVOC0186 (16 compound mix)	Dimethyl phthalate	1000
	Diethyl phthalate	1000
	Diisobutyl phthalate	1000
	Dibutyl phthalate	1000
	Di(methoxyethyl) phthalate	1000
	Butyl methyl phthalate	1000
	Bis(2-ethoxyethyl)phthalate	1000
	Dipentyl phthalate	1000
	Di-n-hexyl phthalate	1000
	Benzyl butyl phthalate	1000
	Bis(2-n-butoxyethyl) phthalate	1000
	Dicyclohexyl phthalate	1000
	Di(2-ethylhexyl) phthalate	1000
	Diphenyl phthalate	1000
	Di-n-octyl phthalate	1000
	Dinonyl phthalate	1000
Product No. Pack in 1ml Ampoule	Description - Each in Purge & Trap Methanol	Concentration µg/ml
REVOC042 (6 compound mix)	Benzene	1000
	Toluene	1000
	o-Xylene	1000
	m-Xylene	1000
	p-Xylene	1000
	Ethylbenzene	1000
Product No. Pack in 1ml Ampoule	Description - Each in Purge & Trap Methanol	Concentration µg/ml
REVOC043 (8 compound mix)	Chloroform	50
	Bromodichloromethane	50
	Dibromochloromethane	50
	Bromoform	50
	1,2-Dichloroethane	50
	Tetrachloromethane	50
	Trichloroethene	50
	Tetrachloroethene	50
Product No. Pack in 1ml Ampoule	Description - Each in Purge & Trap Methanol	Concentration µg/ml
REVOC046 (7 compound mix)	Hexachloro-1,3-butadiene	100
	Tetrachloroethylene	100
	Trichloroethylene	100
	Trichloromethane	100
	Tetrachloromethane	100
	Dichloromethane	100
	1,2-Dichloroethane	100

Product No. Pack in 1ml Ampoule	Description - Each in Purge & Trap Methanol	Concentration µg/ml
REVOC059 (2 compound mix)	Acrolein	20000
	Acrylonitrile	20000
Product No. Pack in 1ml Ampoule	Description - Each in Carbon Disulfide	Concentration µg/ml
REVOC200 (18 compound mix)	Methanol	1000
	Ethanol	1000
	Acetone	1000
	Isopropyl alcohol	1000
	Dichloromethane	1000
	Hexane	1000
	Methyl ethyl ketone	1000
	Ethyl acetate	1000
	Cloroform	1000
	Benzene	1000
	1,4-Dioxane	1000
	Methyl isobutyl ketone	1000
	Toluene	1000
	Dimethylformamide	1000
	Chlorobenzene	1000
	Ethylbenzene	1000
o-Xylene	1000	
m-Xylene	1000	
Product No. Pack in 1ml Ampoule	Description - Each in Purge & Trap Methanol	Concentration µg/ml
RESVOC215 (16 compound mix)	Phthalic acid,bis-2-ethylhexylester	1000
	Phthalic acid, benzylbutyl ester	1000
	Phthalic acid, bis-butyl ester	1000
	Phthalic acid, bis-iso-butyl ester	1000
	Phthalic acid, bis-C6-C8-branched alkyl esters C7-rich	1000
	Phthalic acid, bis-methylglycol ester	1000
	Phthalic acid, bis-n-pentyl ester	1000
	Phthalic acid, bis-iso-pentyl ester	1000
	Phthalic acid, bis-1-octyl ester	1000
	Diisodecyl phthalate	1000
	Diisononyl phthalate	1000
	Phthalic acid, bis-hexyl ester	1000
	1,2-Benzenedicarboxylic acid dipentyl ester	1000
	1,2-Benzenedicarboxylic acid, di-C7-11	1000
	Isopentyl Pentyl Phthalate	1000
	1,2-Benzenedicarboxylic acid, dihexyl ester	1000

Product No. Pack in 5 x 1ml Ampoule	Description - Each in Purge & Trap Methanol	Concentration µg/ml
RESVOC215A (16 compound mix)	Phthalic acid,bis-2-ethylhexylester	1000
	Phthalic acid, benzylbutyl ester	1000
	Phthalic acid, bis-butyl ester	1000
	Phthalic acid, bis-iso-butyl ester	1000
	Phthalic acid, bis-C6-C8-branched alkyl esters C7-rich	1000
	Phthalic acid, bis-methylglycol ester	1000
	Phthalic acid, bis-n-pentyl ester	1000
	Phthalic acid, bis-iso-pentyl ester	1000
	Phthalic acid, bis-1-octyl ester	1000
	Diisodecyl phthalate	1000
	Diisononyl phthalate	1000
	Phthalic acid, bis-hexyl ester	1000
	1,2-Benzenedicarboxylic acid dipentyl ester	1000
	1,2-Benzenedicarboxylic acid, di-C7-11	1000
	Isopentyl Pentyl Phthalate	1000
	1,2-Benzenedicarboxylic acid, dihexyl ester	1000
Product No. Pack in 1ml Ampoule	Description - Each at 2000µg/ml in Purge & Trap Methanol	US EPA Methods
REVOC0027 (13 compound mix)	1,2,3-Trichlorobenzene	502
	1,2,4-Trichlorobenzene	524
	1,2,4-Trimethylbenzene	
	1,3,5-Trimethylbenzene	
	4-Isopropyltoluene	
	Benzene	
	Bromobenzene	
	Ethylbenzene	
	m-Xylene	
	Naphthalene	
	n-Butylbenzene	
	Styrene	
	Toluene	



## Volatile Organic Compounds (VOCs) Single Element Component Standards

Product No.	Description	Concentration	US EPA Methods	Pack in Ampoule
REVOC101	1,1-Dichlorethene	2,000µg/ml in Purge and Trap Methanol	502.2, 524.2, 8021, 8021A, 8021B, 624, 8240B, 8260B	1ml
REVOC101N	1,1-Dichlorethene	Neat		10mg
REVOC102	Dichloromethane	2,000µg/ml in Purge and Trap Methanol	502.2, 524.2, 8021, 8021A, 8021B, 624, 8240B, 8260B	1ml
REVOC102N	Dichloromethane	Neat		10mg
REVOC103	trans-1,2-Dichloroethene	2,000µg/ml in Purge and Trap Methanol	502.2, 524.2, 8021, 8021A, 8021B, 624, 8240B, 8260B	1ml
REVOC103N	trans-1,2-Dichloroethene	Neat		10mg
REVOC104	1,1-Dichloroethane	2,000µg/ml in Purge and Trap Methanol	502.2, 524.2, 8021, 8021A, 8021B, 624, 8240B, 8260B	1ml
REVOC104N	1,1-Dichloroethane	Neat		10mg
REVOC105	cis-1,2-Dichloroethane	2,000µg/ml in Purge and Trap Methanol	502.2, 524.2, 8021, 8021A, 8021B, 624, 8240B, 8260B	1ml
REVOC105N	cis-1,2-Dichloroethane	Neat		10mg
REVOC106	2,2-Dichloropropane	2,000µg/ml in Purge and Trap Methanol	502.2, 524.2, 8021, 8021A, 8021B, 624, 8240B, 8260B	1ml
REVOC106N	2,2-Dichloropropane	Neat		10mg
REVOC107	Bromochloromethane	2,000µg/ml in Purge and Trap Methanol	502.2, 524.2, 8021, 8021A, 8021B, 624, 8240B, 8260B	1ml
REVOC107N	Bromochloromethane	Neat		10mg
REVOC108	Chloroform	2,000µg/ml in Purge and Trap Methanol	502.2, 524.2, 8021, 8021A, 8021B, 624, 8240B, 8260B	1ml
REVOC108N	Chloroform	Neat		10mg
REVOC109	1,1,1-Trichloroethane	2,000µg/ml in Purge and Trap Methanol	502.2, 524.2, 8021, 8021A, 8021B, 624, 8240B, 8260B	1ml
REVOC109N	1,1,1-Trichloroethane	Neat		10mg
REVOC110	1,1-Dichloropropene	2,000µg/ml in Purge and Trap Methanol	502.2, 524.2, 8021, 8021A, 8021B, 624, 8240B, 8260B	1ml
REVOC110N	1,1-Dichloropropene	Neat		10mg
REVOC111	Carbon Tetrachloride	2,000µg/ml in Purge and Trap Methanol	502.2, 524.2, 8021, 8021A, 8021B, 624, 8240B, 8260B	1ml
REVOC111N	Carbon Tetrachloride	Neat		10mg
REVOC112	1,2-Dichloroethane	2,000µg/ml in Purge and Trap Methanol	502.2, 524.2, 8021, 8021A, 8021B, 624, 8240B, 8260B	1ml

Product No.	Description	Concentration	US EPA Methods	Pack in Ampoule
REVOC112N	1,2-Dichloroethane	Neat		10mg
REVOC113	Benzene	2,000µg/ml in Purge and Trap Methanol	502.2, 524.2, 8021, 8021A, 8021B, 624, 8240B, 8260B	1ml
REVOC113N	Benzene	Neat		10mg
REVOC114	Trichloroethene	2,000µg/ml in Purge and Trap Methanol	502.2, 524.2, 8021, 8021A, 8021B, 624, 8240B, 8260B	1ml
REVOC114N	Trichloroethene	Neat		10mg
REVOC115	1,2-Dichloropropane	2,000µg/ml in Purge and Trap Methanol	502.2, 524.2, 8021, 8021A, 8021B, 624, 8240B, 8260B	1ml
REVOC115N	1,2-Dichloropropane	Neat		10mg
REVOC116	Dibromomethane	2,000µg/ml in Purge and Trap Methanol	502.2, 524.2, 8021, 8021A, 8021B, 624, 8240B, 8260B	1ml
REVOC116N	Dibromomethane	Neat		10mg
REVOC117	Bromodichloromethane	2,000µg/ml in Purge and Trap Methanol	502.2, 524.2, 8021, 8021A, 8021B, 624, 8240B, 8260B	1ml
REVOC117N	Bromodichloromethane	Neat		10mg
REVOC118	trans-1,3-Dichloropropene	2,000µg/ml in Purge and Trap Methanol	502.2, 524.2, 8021, 8021A, 8021B, 624, 8240B, 8260B	1ml
REVOC118N	trans-1,3-Dichloropropene	Neat		10mg
REVOC119	Toluene	2,000µg/ml in Purge and Trap Methanol	502.2, 524.2, 8021, 8021A, 8021B, 624, 8240B, 8260B	1ml
REVOC119N	Toluene	Neat		10mg
REVOC120	cis-1,3-Dichloropropene	2,000µg/ml in Purge and Trap Methanol	502.2, 524.2, 8021, 8021A, 8021B, 624, 8240B, 8260B	1ml
REVOC120N	cis-1,3-Dichloropropene	Neat		10mg
REVOC121	1,3-Dichloropropane	2,000µg/ml in Purge and Trap Methanol	502.2, 524.2, 8021, 8021A, 8021B, 624, 8240B, 8260B	1ml
REVOC121N	1,3-Dichloropropane	Neat		10mg
REVOC122	Tetrachloroethene	2,000µg/ml in Purge and Trap Methanol	502.2, 524.2, 8021, 8021A, 8021B, 624, 8240B, 8260B	1ml
REVOC122N	Tetrachloroethene	Neat		10mg
REVOC123	Dibromochloromethane	2,000µg/ml in Purge and Trap Methanol	502.2, 524.2, 8021, 8021A, 8021B, 624, 8240B, 8260B	1ml
REVOC123N	Dibromochloromethane	Neat		10mg
REVOC124	Dibromoethane	2,000µg/ml in Purge and Trap Methanol	502.2, 524.2, 8021, 8021A, 8021B, 624, 8240B, 8260B	1ml

Product No.	Description	Concentration	US EPA Methods	Pack in Ampoule
REVOC124N	Dibromoethane	Neat		10mg
REVOC125	Chlorobenzene	2,000µg/ml in Purge and Trap Methanol	502.2, 524.2, 8021, 8021A, 8021B, 624, 8240B, 8260B	1ml
REVOC125N	Chlorobenzene	Neat		10mg
REVOC126	1,1,1,2-Tetrachloroethane	2,000µg/ml in Purge and Trap Methanol	502.2, 524.2, 8021, 8021A, 8021B, 624, 8240B, 8260B.	1ml
REVOC126N	1,1,1,2-Tetrachloroethane	Neat		10mg
REVOC127	Ethylbenzene	2,000µg/ml in Purge and Trap Methanol	502.2, 524.2, 8021, 8021A, 8021B, 624, 8240B, 8260B	1ml
REVOC127N	Ethylbenzene	Neat		10mg
REVOC128	m-Xylene	2,000µg/ml in Purge and Trap Methanol	502.2, 524.2, 8021, 8021A, 8021B, 624, 8240B, 8260B	1ml
REVOC128N	m-Xylene	Neat		10mg
REVOC129	p-Xylene	2,000µg/ml in Purge and Trap Methanol	502.2, 524.2, 8021, 8021A, 8021B, 624, 8240B, 8260B	1ml
REVOC129N	p-Xylene	Neat		10mg
REVOC130	o-Xylene	2,000µg/ml in Purge and Trap Methanol	502.2, 524.2, 8021, 8021A, 8021B, 624, 8240B, 8260B	1ml
REVOC130N	o-Xylene	Neat		10mg
REVOC131	Styrene	2,000µg/ml in Purge and Trap Methanol	502.2, 524.2, 8021, 8021A, 8021B, 624, 8240B, 8260B	1ml
REVOC131-C	Styrene	1000µg/ml in Carbon Disulphide	502.2, 524.2,	1ml
REVOC131N	Styrene	Neat		10mg
REVOC132	Bromoform	2,000µg/ml in Purge and Trap Methanol	502.2, 524.2, 8021, 8021A, 8021B, 624, 8240B, 8260B	1ml
REVOC132N	Bromoform	Neat		10mg
REVOC133	Isopropylbenzene	2,000µg/ml in Purge and Trap Methanol	502.2, 524.2, 8021, 8021A, 8021B, 624, 8240B, 8260B	1ml
REVOC133N	Isopropylbenzene	Neat		10mg
REVOC134	1,1,2,2-Tetrachloroethane	2,000µg/ml in Purge and Trap Methanol	502.2, 524.2, 8021, 8021A, 8021B, 624, 8240B, 8260B	1ml
REVOC134N	1,1,2,2-Tetrachloroethane	Neat		10mg
REVOC135	1,2,3-Trichloropropane	2,000µg/ml in Purge and Trap Methanol	502.2, 524.2, 8021, 8021A, 8021B, 624, 8240B, 8260B	1ml
REVOC135N	1,2,3-Trichloropropane	Neat		10mg

Product No.	Description	Concentration	US EPA Methods	Pack in Ampoule
REVOC136	Bromobenzene	2,000µg/ml in Purge and Trap Methanol	502.2, 524.2, 8021, 8021A, 8021B, 624, 8240B, 8260B	1ml
REVOC136N	Bromobenzene	Neat		10mg
REVOC137	n-Propylbenzene	2,000µg/ml in Purge and Trap Methanol	502.2, 524.2, 8021, 8021A, 8021B, 624, 8240B, 8260B	1ml
REVOC137N	n-Propylbenzene	Neat		10mg
REVOC138	2-Chlorotoluene	2,000µg/ml in Purge and Trap Methanol	502.2, 524.2, 8021, 8021A, 8021B, 624, 8240B, 8260B	1ml
REVOC138N	2-Chlorotoluene	Neat		10mg
REVOC139	1,2,4-Trimethylbenzene	2,000µg/ml in Purge and Trap Methanol	502.2, 524.2, 8021, 8021A, 8021B, 624, 8240B, 8260B	1ml
REVOC139N	1,2,4-Trimethylbenzene	Neat		10mg
REVOC140	4-Chlorotoluene	2,000µg/ml in Purge and Trap Methanol	502.2, 524.2, 8021, 8021A, 8021B, 624, 8240B, 8260B	1ml
REVOC140N	4-Chlorotoluene	Neat		10mg
REVOC141	tert-Butylbenzene	2,000µg/ml in Purge and Trap Methanol	502.2, 524.2, 8021, 8021A, 8021B, 624, 8240B, 8260B	1ml
REVOC141N	tert-Butylbenzene	Neat		10mg
REVOC142	1,3,5-Trimethylbenzene	2,000µg/ml in Purge and Trap Methanol	502.2, 524.2, 8021, 8021A, 8021B, 624, 8240B, 8260B	1ml
REVOC142N	1,3,5-Trimethylbenzene	Neat		10mg
REVOC143	sec-Butylbenzene	2,000µg/ml in Purge and Trap Methanol	502.2, 524.2, 8021, 8021A, 8021B, 624, 8240B, 8260B	1ml
REVOC143N	sec-Butylbenzene	Neat		10mg
REVOC144	1,3-Dichlorobenzene	2,000µg/ml in Purge and Trap Methanol	502.2, 524.2, 8021, 8021A, 8021B, 624, 8240B, 8260B	1ml
REVOC144N	1,3-Dichlorobenzene	Neat		10mg
REVOC145	4-Isopropyltoluene	2,000µg/ml in Purge and Trap Methanol	502.2, 524.2, 8021, 8021A, 8021B, 624, 8240B, 8260B	1ml
REVOC145N	4-Isopropyltoluene	Neat		10mg
REVOC146	1,4-Dichlorobenzene	2,000µg/ml in Purge and Trap Methanol	502.2, 524.2, 8021, 8021A, 8021B, 624, 8240B, 8260B	1ml
REVOC146N	1,4-Dichlorobenzene	Neat		10mg
REVOC147	1,2-Dichlorobenzene	2,000µg/ml in Purge and Trap Methanol	502.2, 524.2, 8021, 8021A, 8021B, 624, 8240B, 8260B	1ml
REVOC147N	1,2-Dichlorobenzene	Neat		10mg

Product No.	Description	Concentration	US EPA Methods	Pack in Ampoule
REVOC148	n-Butylbenzene	2,000µg/ml in Purge and Trap Methanol	502.2, 524.2, 8021, 8021A, 8021B, 624, 8240B, 8260B	1ml
REVOC148N	n-Butylbenzene	Neat		10mg
REVOC149	1,2-Dibromo-3-chloropropane	2,000µg/ml in Purge and Trap Methanol	502.2, 524.2, 8021, 8021A, 8021B, 624, 8240B, 8260B	1ml
REVOC149N	1,2-Dibromo-3-chloropropane	Neat		10mg
REVOC150	1,2,3-Trichlorobenzene	2,000µg/ml in Purge and Trap Methanol	502.2, 524.2, 8021, 8021A, 8021B, 624, 8240B, 8260B	1ml
REVOC150N	1,2,3-Trichlorobenzene	Neat		10mg
REVOC151	Hexachlorobutadiene	2,000µg/ml in Purge and Trap Methanol	502.2, 524.2, 8021, 8021A, 8021B, 624, 8240B, 8260B	1ml
REVOC151N	Hexachlorobutadiene	Neat		10mg
REVOC152	Naphthalene	2,000µg/ml in Purge and Trap Methanol	502.2, 524.2, 8021, 8021A, 8021B, 624, 8240B, 8260B	1ml
REVOC152N	Naphthalene	Neat		10mg
REVOC153	1,2,4-Trichlorobenzene	2,000µg/ml in Purge and Trap Methanol	502.2, 524.2, 8021, 8021A, 8021B, 624, 8240B, 8260B	1ml
REVOC153N	1,2,4-Trichlorobenzene	Neat		10mg
REVOC154	1,1,2-Trichloroethane	2,000µg/ml in Purge and Trap Methanol	502.2, 524.2, 8021, 8021A, 8021B, 624, 8240B, 8260B	1ml
REVOC154N	1,1,2-Trichloroethane	Neat		10mg
REVOC159	Vinyl Chloride	20µg/ml in Purge and Trap Methanol	502.2, 524.2, 8021, 8021A, 8021B, 624, 8240B, 8260B	1ml
REVOC159N	Vinyl Chloride	Neat		10mg
REVOC163	Ethyl Mercaptan	1,000µg/ml in Toluene		1ml
REVOC163N	Ethyl Mercaptan	Neat		10mg
REVOC165	Vinyl Chloride	2,000µg/ml in Purge and Trap Methanol	502.2, 524.2, 8021, 8021A, 8021B, 624, 8240B, 8260B	1ml
REVOC166	Acetonitrile	2,000µg/ml in Purge and Trap Methanol	8240B, 8260B	1ml
REVOC166N	Acetonitrile	Neat		10mg
REVOC168	Cyclohexane	2,000µg/ml in Purge and Trap Methanol		1ml
REVOC168N	Cyclohexane	Neat		10mg
REVOC175	Methyl Mercaptan	1,000µg/ml in Purge and Trap Methanol		1ml
REVOC175N	Methyl Mercaptan	Neat		10mg

Product No.	Description	Concentration	US EPA Methods	Pack in Ampoule
REVOC176	Tetrahydrofuran	2,000µg/ml in Purge and Trap Methanol	524.2	1ml
REVOC176N	Tetrahydrofuran	Neat		10mg
REVOC181	Chloroprene	1,000µg/ml in Purge and Trap Methanol	8240B, 8021B, 8260B	1ml
REVOC181N	Chloroprene	Neat		10mg
REVOC182	1,3-Butadiene	2,000µg/ml in Purge and Trap Methanol	8260B	1ml
REVOC182N	1,3-Butadiene	Neat		10mg
REVOC183	Ethylene Oxide	10,000µg/L in Dimethyl Sulfoxide	8240B, 8260B	1ml
REVOC183N	Ethylene Oxide	Neat		10mg
REVOC184	1,2-Dichlorobenzene	1,000µg/ml in Purge and Trap Methanol	502.2, 524.2, 8021, 8021A, 8021B, 624, 8240B, 8260B	1ml
REVOC185	1,4-Dichlorobenzene	100µg/ml in Purge and Trap Methanol	502.2, 524.2, 8021, 8021A, 8021B, 624, 8240B, 8260B	1ml
REVOC186	1,3,5-Trimethylbenzene	5,000µg/ml in Purge and Trap Methanol	502.2, 524.2, 8021B, 8260B	1ml
REVOC187	Trimethylamine	100µg/ml in Purge and Trap Methanol	524.2, 624, 8260B	1ml
REVOC187N	Trimethylamine	Neat		10mg
REVOC188	Pyridine	1,000µg/L in Methylene Chloride	524.2, 624, 8270C, 8260B	1ml
REVOC188N	Pyridine	Neat		10mg
REVOC189	Turpentine	2,000µg/ml in Purge and Trap Methanol		1ml
REVOC189N	Turpentine	Neat		10mg
REVOC300	1,2,3,4-Diepoxybutane	1000µg/ml in Purge & Trap Methanol	8240B, 8260B	1ml
REVOC300N	1,2,3,4-Diepoxybutane	Neat		10mg
REVOC301	1,2,3,4-Diepoxybutane	2000µg/ml in Purge & Trap Methanol	8240B, 8260B	1ml
REVOC302	1,4-Dioxane	1000µg/ml in Purge & Trap Methanol	8240B, 8260B	1ml
REVOC302N	1,4-Dioxane	Neat		10mg
REVOC303	1,4-Dioxane	2000µg/ml in Purge & Trap Methanol	8240B, 8260B	1ml
REVOC304	1-Propanol	1000µg/ml in Purge & Trap Methanol	524.2, 624, 8260B	1ml
REVOC304N	1-Propanol	Neat		10mg
REVOC305	1-Propanol	2000µg/ml in Purge & Trap Methanol	524.2, 624, 8260B	1ml

Product No.	Description	Concentration	US EPA Methods	Pack in Ampoule
REVOC306	2-Butanone (MEK)	1000µg/ml in Purge & Trap Methanol	524.2, 624, 8260B, 8240B,	1ml
REVOC306N	2-Butanone (MEK)	Neat		10mg
REVOC307	2-Butanone (MEK)	2000µg/ml in Purge & Trap Methanol	524.2, 624, 8260B, 8240B,	1ml
REVOC308	2-Chloroethanol	1000µg/ml in Purge & Trap Methanol	524.2, 624, 8260B	1ml
REVOC308N	2-Chloroethanol	Neat		10mg
REVOC309	2-Chloroethanol	2000µg/ml in Purge & Trap Methanol	524.2, 624, 8260B	1ml
REVOC310	2-Chloroethyl vinyl ether	1000µg/ml in Purge & Trap Methanol	524.2, 624, 8240, 8260B	1ml
REVOC310N	2-Chloroethyl vinyl ether	Neat		10mg
REVOC311	2-Chloroethyl vinyl ether	2000µg/ml in Purge & Trap Methanol	524.2, 624, 8240, 8260B	1ml
REVOC312	2-Hexanone	1000µg/ml in Purge & Trap Methanol	524.2, 624, 8260B	1ml
REVOC312N	2-Hexanone	Neat		10mg
REVOC313	2-Hexanone	2000µg/ml in Purge & Trap Methanol	524.2, 624, 8260B	1ml
REVOC314	2-Hydroxypropionitrile	1000µg/ml in Purge & Trap Methanol	524.2, 624, 8260B	1ml
REVOC314N	2-Hydroxypropionitrile	Neat		10mg
REVOC315	2-Hydroxypropionitrile	2000µg/ml in Purge & Trap Methanol	524.2, 624, 8260B	1ml
REVOC316	2-Nitropropane	1000µg/ml in Purge & Trap Methanol	524.2, 624, 8260B	1ml
REVOC316N	2-Nitropropane	Neat		10mg
REVOC317	2-Nitropropane	2000µg/ml in Purge & Trap Methanol	524.2, 624, 8260B	1ml
REVOC318	2-Pentanone	1000µg/ml in Purge & Trap Methanol	524.2, 624, 8260B	1ml
REVOC318N	2-Pentanone	Neat		10mg
REVOC319	2-Pentanone	2000µg/ml in Purge & Trap Methanol	524.2, 624, 8260B	1ml
REVOC320	2-Picoline	1000µg/ml in Purge & Trap Methanol	524.2, 624, 8260B, 8270C	1ml
REVOC320N	2-Picoline	Neat		10mg
REVOC321	2-Picoline	2000µg/ml in Purge & Trap Methanol	524.2, 624, 8260B, 8270C	1ml
REVOC322	2-Propanol	1000µg/ml in Purge & Trap Methanol	524.2, 624, 8260B	1ml

Product No.	Description	Concentration	US EPA Methods	Pack in Ampoule
REVOC322N	2-Propanol	Neat		10mg
REVOC323	2-Propanol	1000µg/ml in Purge & Trap Methanol	524.2, 624, 8260B	1ml
REVOC324	2-Propanol	2000µg/ml in Purge & Trap Methanol	524.2, 624, 8260B	1ml
REVOC325	2-Propanol	2000µg/ml in Purge & Trap Methanol	524.2, 624, 8260B	1ml
REVOC326	3-Chloropropionitrile	1000µg/ml in Purge & Trap Methanol	524.2, 624, 8260B	1ml
REVOC326N	3-Chloropropionitrile	Neat		10mg
REVOC327	3-Chloropropionitrile	2000µg/ml in Purge & Trap Methanol	524.2, 624, 8260B	1ml
REVOC328	4-Methyl-2-pentanone (MIBK)	1000µg/ml in Purge & Trap Methanol	524.2, 624, 8260B	1ml
REVOC328N	4-Methyl-2-pentanone (MIBK)	Neat		10mg
REVOC329	4-Methyl-2-pentanone (MIBK)	2000µg/ml in Purge & Trap Methanol	524.2, 624, 8260B	1ml
REVOC330	Acrolein (Propenal)	1000µg/ml in Distilled Water	524.2, 624, 8260B	1ml
REVOC330N	Acrolein (Propenal)	Neat		10mg
REVOC331	Acrolein (Propenal)	1000µg/ml in Purge & Trap Methanol	524.2, 624, 8260B	1ml
REVOC332	Acrolein (Propenal)	2000µg/ml in Distilled Water	524.2, 624, 8260B	1ml
REVOC333	Acrolein (Propenal)	2000µg/ml in Purge & Trap Methanol	524.2, 624, 8260B	1ml
REVOC334	Acrylonitrile	1000µg/ml in Purge & Trap Methanol	524.2, 603, 624, 8240B, 8260B	1ml
REVOC334N	Acrylonitrile	Neat		10mg
REVOC335	Acrylonitrile	2000µg/ml in Purge & Trap Methanol	524.2, 603, 624, 8240B, 8260B	1ml
REVOC336	Allyl alcohol	1000µg/ml in Purge & Trap Methanol	524.2, 624, 8260B	1ml
REVOC336N	Allyl alcohol	Neat		10mg
REVOC337	Allyl alcohol	2000µg/ml in Purge & Trap Methanol	524.2, 624, 8260B	1ml
REVOC338	Allyl chloride	1000µg/ml in Purge & Trap Methanol	524.2, 624, 8260B	1ml
REVOC338N	Allyl chloride	Neat		10mg
REVOC339	Allyl chloride	2000µg/ml in Purge & Trap Methanol	524.2, 624, 8260B	1ml



Product No.	Description	Concentration	US EPA Methods	Pack in Ampoule
REVOC340	Benzyl chloride	1000µg/ml in Purge & Trap Methanol	524.2, 624, 8260B, 8270C	1ml
REVOC340N	Benzyl chloride	Neat		10mg
REVOC341	Benzyl chloride	2000µg/ml in Purge & Trap Methanol	524.2, 624, 8260B, 8270C	1ml
REVOC342	Bromoacetone	1000µg/ml in Purge & Trap Methanol	8021B, 8240B	1ml
REVOC342N	Bromoacetone	Neat		10mg
REVOC343	Bromoacetone	2000µg/ml in Purge & Trap Methanol	8021B, 8240B	1ml
REVOC344	Bromomethane	1000µg/ml in Purge & Trap Methanol	502.2, 524.2, 624, 8260B	1ml
REVOC344N	Bromomethane	Neat		10mg
REVOC345	Bromomethane	2000µg/ml in Purge & Trap Methanol	502.2, 524.2, 624, 8260B	1ml
REVOC346	Chloroethane	1000µg/ml in Purge & Trap Methanol	502.2, 524.2, 624, 8260B	1ml
REVOC346N	Chloroethane	Neat		10mg
REVOC347	Chloroethane	2000µg/ml in Purge & Trap Methanol	502.2, 524.2, 624, 8260B	1ml
REVOC348	Chloromethane	1000µg/ml in Purge & Trap Methanol	502.2, 524.2, 624, 8260B	1ml
REVOC348N	Chloromethane	Neat		10mg
REVOC349	Chloromethane	2000µg/ml in Purge & Trap Methanol	502.2, 524.2, 624, 8260B	1ml
REVOC350	Chloroprene	1000µg/ml in Purge & Trap Methanol	8240B, 8021B, 8260B	1ml
REVOC351	Chloroprene	2000µg/ml in Purge & Trap Methanol	8240B, 8021B, 8260B	1ml
REVOC352	cis-1,4-Dichloro-2-butene	1000µg/ml in Purge & Trap Methanol	524.2, 624, 8260B, 8270C	1ml
REVOC352N	cis-1,4-Dichloro-2-butene	Neat		10mg
REVOC353	cis-1,4-Dichloro-2-butene	2000µg/ml in Purge & Trap Methanol	524.2, 624, 8260B, 8270C	1ml
REVOC354	Crotonaldehyde	1000µg/ml in Purge & Trap Methanol	524.2, 624, 8260B, 8270C	1ml
REVOC354N	Crotonaldehyde	Neat		10mg
REVOC355	Crotonaldehyde	2000µg/ml in Purge & Trap Methanol	524.2, 624, 8260B, 8270C	1ml
REVOC356	Dichlorodifluoromethane	1000µg/ml in Purge & Trap Methanol	502.2, 524.2, 8240B, 8021B, 8260B	1ml
REVOC356N	Dichlorodifluoromethane	Neat		10mg
REVOC357	Dichlorodifluoromethane	2000µg/ml in Purge & Trap Methanol	502.2, 524.2, 8240B, 8021B, 8260B	1ml

Product No.	Description	Concentration	US EPA Methods	Pack in Ampoule
REVOC358	Epichlorohydrin	1000µg/ml in Purge & Trap Methanol	8240B, 8260B	1ml
REVOC358N	Epichlorohydrin	Neat		10mg
REVOC359	Epichlorohydrin	2000µg/ml in Purge & Trap Methanol	8240B, 8260B	1ml
REVOC360	Ethanol	1000µg/ml in Purge & Trap Methanol	524.2, 624, 8260B	1ml
REVOC360N	Ethanol	Neat		10mg
REVOC361	Ethanol	2000µg/ml in Purge & Trap Methanol	524.2, 624, 8260B	1ml
REVOC362	Ethyl acetate	1000µg/ml in Purge & Trap Methanol	524.2, 624, 8260B	1ml
REVOC362N	Ethyl acetate	Neat		10mg
REVOC363	Ethyl acetate	2000µg/ml in Purge & Trap Methanol	524.2, 624, 8260B	1ml
REVOC364	Ethyl methacrylate	1000µg/ml in Purge & Trap Methanol	524.2, 624, 8260B, 8270C	1ml
REVOC364N	Ethyl methacrylate	Neat		10mg
REVOC365	Ethyl methacrylate	2000µg/ml in Purge & Trap Methanol	524.2, 624, 8260B, 8270C	1ml
REVOC366	Ethylene oxide	1000µg/ml in Purge & Trap Methanol	8240B, 8260B	1ml
REVOC367	Ethylene oxide	2000µg/ml in Purge & Trap Methanol	8240B, 8260B	1ml
REVOC368	Hexachloroethane	1000µg/ml in Purge & Trap Methanol	524.2, 624, 8260B, 8270C	1ml
REVOC368N	Hexachloroethane	Neat		10mg
REVOC369	Hexachloroethane	2000µg/ml in Purge & Trap Methanol	524.2, 624, 8260B, 8270C	1ml
REVOC370	Iodomethane	1000µg/ml in Purge & Trap Methanol	524.2, 624, 8260B, 8270C	1ml
REVOC370N	Iodomethane	Neat		10mg
REVOC371	Iodomethane	2000µg/ml in Purge & Trap Methanol	524.2, 624, 8260B, 8270C	1ml
REVOC372	Isobutyl alcohol	1000µg/ml in Purge & Trap Methanol	8240B, 8260B	1ml
REVOC372N	Isobutyl alcohol	Neat		10mg
REVOC373	Isobutyl alcohol	2000µg/ml in Purge & Trap Methanol	8240B, 8260B	1ml
REVOC374	Malononitrile	1000µg/ml in Purge & Trap Methanol	524.2, 624, 8260B	1ml
REVOC374N	Malononitrile	Neat		10mg
REVOC375	Malononitrile	2000µg/ml in Purge & Trap Methanol	524.2, 624, 8260B	1ml

Product No.	Description	Concentration	US EPA Methods	Pack in Ampoule
REVOC376	Methacrylonitrile	1000µg/ml in Purge & Trap Methanol	524.2, 624, 6240B, 8260B	1ml
REVOC376N	Methacrylonitrile	Neat		10mg
REVOC377	Methacrylonitrile	2000µg/ml in Purge & Trap Methanol	524.2, 624, 6240B, 8260B	1ml
REVOC378	Methyl methacrylate	1000µg/ml in Purge & Trap Methanol	524.2, 624, 6240B, 8260B	1ml
REVOC378N	Methyl methacrylate	Neat		10mg
REVOC379	Methyl methacrylate	2000µg/ml in Purge & Trap Methanol	524.2, 624, 6240B, 8260B	1ml
REVOC380	Nitrobenzene	1000µg/ml in Purge & Trap Methanol	524.2, 624, 8260B, 8270C	1ml
REVOC380N	Nitrobenzene	Neat		10mg
REVOC381	Nitrobenzene	2000µg/ml in Purge & Trap Methanol	524.2, 624, 8260B, 8270C	1ml
REVOC382	N-Nitroso-di-n-butylamine	1000µg/ml in Acetone	8260B	1ml
REVOC382N	N-Nitroso-di-n-butylamine	Neat		10mg
REVOC383	N-Nitroso-di-n-butylamine	1000µg/ml in Purge & Trap Methanol	8260B	1ml
REVOC384	N-Nitroso-di-n-butylamine	2000µg/ml in Acetone	8260B	1ml
REVOC385	N-Nitroso-di-n-butylamine	2000µg/ml in Purge & Trap Methanol	8260B	1ml
REVOC386	Pentachloroethane	1000µg/ml in Purge & Trap Methanol	524.2, 624, 8260B, 8270C	1ml
REVOC386N	Pentachloroethane	Neat		10mg
REVOC387	Pentachloroethane	2000µg/ml in Purge & Trap Methanol	524.2, 624, 8260B, 8270C	1ml
REVOC388	Propargyl alcohol	1000µg/ml in Purge & Trap Methanol	524.2, 624, 6240B, 8260B	1ml
REVOC388N	Propargyl alcohol	Neat		10mg
REVOC389	Propargyl alcohol	2000µg/ml in Purge & Trap Methanol	524.2, 624, 6240B, 8260B	1ml
REVOC390	Propionitrile (ethyl cyanide)	1000µg/ml in Purge & Trap Methanol	524.2, 624, 6240B, 8260B	1ml
REVOC390N	Propionitrile (ethyl cyanide)	Neat		10mg
REVOC391	Propionitrile (ethyl cyanide)	2000µg/ml in Purge & Trap Methanol	524.2, 624, 6240B, 8260B	1ml
REVOC392	Pyridine	1000µg/ml in Purge & Trap Methanol	524.2, 624, 8270C, 8260B	1ml
REVOC393	Pyridine	2000µg/ml in Purge & Trap Methanol	524.2, 624, 8270C, 8260B	1ml

Product No.	Description	Concentration	US EPA Methods	Pack in Ampoule
REVOC394	trans-1,4-Dichloro-2-butene	1000µg/ml in Purge & Trap Methanol	524.2, 624, 8260B	1ml
REVOC394N	trans-1,4-Dichloro-2-butene	Neat		10mg
REVOC395	trans-1,4-Dichloro-2-butene	2000µg/ml in Purge & Trap Methanol	524.2, 624, 8260B	1ml
REVOC396	Trichlorofluoromethane	1000µg/ml in Purge & Trap Methanol	502.2, 524.2, 624, 6021B, 6240B, 8260B	1ml
REVOC396N	Trichlorofluoromethane	Neat		10mg
REVOC397	Trichlorofluoromethane	2000µg/ml in Purge & Trap Methanol	502.2, 524.2, 624, 6021B, 6240B, 8260B	1ml
REVOC398	Vinyl acetate	1000µg/ml in Purge & Trap Methanol	8240B, 8260B	1ml
REVOC398N	Vinyl acetate	Neat		10mg
REVOC399	Vinyl acetate	2000µg/ml in Purge & Trap Methanol	8240B, 8260B	1ml
REVOC400	Vinyl chloride	1000µg/ml in Purge & Trap Methanol	502.2, 524.2, 624, 8021B, 8240B, 8260B	1ml
REVOC401	Vinyl chloride	2000µg/ml in Purge & Trap Methanol	502.2, 524.2, 624, 8021B, 8240B, 8260B	1ml