

Semi Volatile Organic Compound Standards (SVOCs)

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
- 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 µg/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 calibration of the GC-MS instrument is completed using high purity ISO Guide 34 accredited SVOC standards similar in SVOC 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.

Semi Volatile Organic Compound Standards (SVOCs)

Product No.	Description	Concentration in Matrix	Pack Size
RESVOC001	1,2,4,5-Tetrachlorobenzene	1000µg/ml in Purge & Trap Methanol	1ml
RESVOC002	1,2,4,5-Tetrachlorobenzene	2000µg/ml in Purge & Trap Methanol	1ml
RESVOC003	1,4-Naphthoquinone	1000µg/ml in Purge & Trap Methanol	1ml
RESVOC004	1,4-Naphthoquinone	2000µg/ml in Purge & Trap Methanol	1ml
RESVOC005	1-Acetyl-2-thiourea	1000µg/ml in Purge & Trap Methanol	1ml
RESVOC006	1-Acetyl-2-thiourea	2000µg/ml in Purge & Trap Methanol	1ml
RESVOC007	1-Aminonaphthalene	1000µg/ml in Purge & Trap Methanol	1ml
RESVOC008	1-Aminonaphthalene	2000µg/ml in Purge & Trap Methanol	1ml
RESVOC009	1-Chloronaphthalene	1000µg/ml in Purge & Trap Methanol	1ml
RESVOC010	1-Chloronaphthalene	2000µg/ml in Purge & Trap Methanol	1ml

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RESVOC011	2-Aminoanthraquinone	1000µg/ml in MeCl:Benzene:Tetrahydrofuran	1ml
RESVOC012	2-Aminoanthraquinone	2000µg/ml in MeCl:Benzene:Tetrahydrofuran	1ml
RESVOC013	2-Aminonaphthalene	1000µg/ml in Purge & Trap Methanol	1ml
RESVOC014	2-Aminonaphthalene	2000µg/ml in Purge & Trap Methanol	1ml
RESVOC015	2-Chloroaniline	1000µg/ml in Purge & Trap Methanol	1ml
RESVOC016	2-Chloroaniline	2000µg/ml in Purge & Trap Methanol	1ml
RESVOC017	2-Chloronaphthalene	1000µg/ml in Purge & Trap Methanol	1ml
RESVOC018	2-Chloronaphthalene	2000µg/ml in Purge & Trap Methanol	1ml
RESVOC019	2-Nitroaniline	1000µg/ml in Purge & Trap Methanol	1ml
RESVOC020	2-Nitroaniline	2000µg/ml in Purge & Trap Methanol	1ml
RESVOC021	3-Amino-9-ethylcarbazole.	1000µg/ml in Purge & Trap Methanol	1ml
RESVOC022	3-Amino-9-ethylcarbazole.	2000µg/ml in Purge & Trap Methanol	1ml
RESVOC023	3-Methylcholanthrene	1000µg/ml in Methylene Chloride	1ml
RESVOC024	3-Methylcholanthrene	2000µg/ml in Methylene Chloride	1ml
RESVOC025	3-Nitroaniline	1000µg/ml in Purge & Trap Methanol	1ml
RESVOC026	3-Nitroaniline	2000µg/ml in Purge & Trap Methanol	1ml
RESVOC027	4-Chloro-1,2-phenylenediamine	1000µg/ml in Acetonitrile	1ml
RESVOC028	4-Chloro-1,2-phenylenediamine	2000µg/ml in Acetonitrile	1ml
RESVOC029	4-Chloro-1,3-phenylenediamine	1000µg/ml in Acetone	1ml
RESVOC030	4-Chloro-1,3-phenylenediamine	2000µg/ml in Acetone	1ml
RESVOC031	4-Nitroaniline	1000µg/ml in Purge & Trap Methanol	1ml
RESVOC032	4-Nitroaniline	2000µg/ml in Purge & Trap Methanol	1ml
RESVOC033	4-Nitrobiphenyl	1000µg/ml in Purge & Trap Methanol	1ml
RESVOC034	4-Nitrobiphenyl	2000µg/ml in Purge & Trap Methanol	1ml
RESVOC035	5-Chloro-2-methylaniline	1000µg/ml in Purge & Trap Methanol	1ml
RESVOC036	5-Chloro-2-methylaniline	2000µg/ml in Purge & Trap Methanol	1ml
RESVOC037	5-Nitroacenaphthene	1000µg/ml in Purge & Trap Methanol	1ml
RESVOC038	5-Nitroacenaphthene	2000µg/ml in Purge & Trap Methanol	1ml
RESVOC039	Aniline	1000µg/ml in Purge & Trap Methanol	1ml
RESVOC040	Aniline	2000µg/ml in Purge & Trap Methanol	1ml
RESVOC041	Benzoic acid	1000µg/ml in Methylene Chloride	1ml
RESVOC042	Benzoic acid	2000µg/ml in Methylene Chloride	1ml
RESVOC043	Benzyl alcohol	1000µg/ml in Purge & Trap Methanol	1ml
RESVOC044	Benzyl alcohol	2000µg/ml in Purge & Trap Methanol	1ml
RESVOC045	Dibenzofuran	1000µg/ml in Purge & Trap Methanol	1ml

Product No.	Description	Concentration in Matrix	Pack Size
RESVOC046	Dibenzofuran	2000µg/ml in Purge & Trap Methanol	1ml
RESVOC047	Diethyl sulfate	1000µg/ml in Purge & Trap Methanol	1ml
RESVOC048	Diethyl sulfate	2000µg/ml in Purge & Trap Methanol	1ml
RESVOC049	Diethylstilbestrol	1000µg/ml in Purge & Trap Methanol	1ml
RESVOC050	Diethylstilbestrol	2000µg/ml in Purge & Trap Methanol	1ml
RESVOC051	Hexachlorophene	1000µg/ml in Methylene Chloride	1ml
RESVOC052	Hexachlorophene	2000µg/ml in Methylene Chloride	1ml
RESVOC053	Hexachloropropene	1000µg/ml in Purge & Trap Methanol	1ml
RESVOC054	Hexachloropropene	2000µg/ml in Purge & Trap Methanol	1ml
RESVOC055	Hexamethylphosphoramide	1000µg/ml in Purge & Trap Methanol	1ml
RESVOC056	Hexamethylphosphoramide	2000µg/ml in Purge & Trap Methanol	1ml
RESVOC057	Hydroquinone	1000µg/ml in Purge & Trap Methanol	1ml
RESVOC058	Hydroquinone	2000µg/ml in Purge & Trap Methanol	1ml
RESVOC059	Maleic anhydride	1000µg/ml in Purge & Trap Methanol	1ml
RESVOC060	Maleic anhydride	2000µg/ml in Purge & Trap Methanol	1ml
RESVOC061	Nicotine	1000µg/ml in Purge & Trap Methanol	1ml
RESVOC062	Nicotine	2000µg/ml in Purge & Trap Methanol	1ml
RESVOC063	Nitroquinoline-1-oxide	1000µg/ml in Methylene Chloride	1ml
RESVOC064	Nitroquinoline-1-oxide	2000µg/ml in Methylene Chloride	1ml
RESVOC065	p-Benzoquinone	1000µg/ml in Purge & Trap Methanol	1ml
RESVOC066	p-Benzoquinone	2000µg/ml in Purge & Trap Methanol	1ml
RESVOC067	Resorcinol	1000µg/ml in Purge & Trap Methanol	1ml
RESVOC068	Resorcinol	2000µg/ml in Purge & Trap Methanol	1ml
RESVOC069	Safrole	1000µg/ml in Purge & Trap Methanol	1ml
RESVOC070	Safrole	2000µg/ml in Purge & Trap Methanol	1ml
RESVOC071	Tetraethyl dithiopyrophosphate	1000µg/ml in Purge & Trap Methanol	1ml
RESVOC072	Tetraethyl dithiopyrophosphate	2000µg/ml in Purge & Trap Methanol	1ml
RESVOC073	Thiophenol (Benzenethiol)	1000µg/ml in Purge & Trap Methanol	1ml
RESVOC074	Thiophenol (Benzenethiol)	2000µg/ml in Purge & Trap Methanol	1ml
RESVOC075	Toluene diisocyanate	1000µg/ml in Purge & Trap Methanol	1ml
RESVOC076	Toluene diisocyanate	2000µg/ml in Purge & Trap Methanol	1ml