Adiabatic Ionization Potentials

E(eV)	Inorgan.	Alkanes	Alkenes	Alkynes	Aromatics	Alcohols	Ethers	Aldehydes	Ketones	Esters	Acids	Nitriles	Nitros	Amines	Fluoro	Chloro	Bromo	Iodo	Sulfur	E(eV)
7					perylene															7
					coronene															
					anthracene														dimethyldisulfide	
					chrysene															
					phenanthrene									trimethylamine						
8					napthalene									diethylamine						8
Xe					1,2,3-trimethylbenzene									dimethylamine						
					p-xylene														diethylsulfide	
			2-methyl-2-butene		o, m-xylene									butylamine					dimethylsulfide	
					toluene									ethylamine						
9			cis, trans-2-pentene											methylamine					butanethiol	9
	NO		isobutene		benzene		diisopropylether		3-hexanone									triiodomethane	ethanethiol	
	S_2, I_2		1-hexene				methylpropylether		2&3-pentanone									diiodomethane	methanethiol	
Xe		decane	1-butene	2-butyne		3-hexanol	diethylether	hexanol	2-butanone									iodomethane		
	NO_2, H_2Se	octane	propene	propadiene		2-butanol	methylethylether	butyraldehyde	acetone	sec-butylacetate										
10	IBr, PH_3	heptane		1-pentyne		2-propanol	dimethylether	propionaldehyde		ethylacetate							2-bromopropane			10
Kr	CS_2, NH_3	hexane		1-butyne		1-propanol		acetaldehyde		methylacetate	butyric			ammonia			bromoethane			
	S, HI, H_2S	pentane		propyne		ethanol				butylformate	propionic						dibromomethane		hydrogen sulfide	
Kr	Br_2, IF	butane	ethylene							ethylformate	acetic		2-nitropropane				bromomethane			
						methanol		formaldehyde					1-nitropropane							
11	ClO, BrCl	propane											nitroethane			1,1,2-trichloroethane				11
	COS											butyronitrile	nitromethane			chloromethane				
	Cl_2			acetylene							formic				1-fluoropropane	tetrachloromethane				
Ar	SiH_4, HBr	ethane																		
	BrF, SiF_4											propionitrile			fluoroethane					
12	O_2														1,2-difluoroethane					12
	Xe											acetonitrile								
	SO_2, O_3																			
	H_2O, ClF	methane													fluoromethane					
13	HCl, N_2O														difluoromethane					13
	NF_3														1,1,1-trifluoroethane					
	C_2N_2														hexafluoroethane					
												hydrocyanic acid								
14	CO_2																			14
	Kr, CO														trifluoromethane					
15																				15
He2																				
	H_2, SF_6																			
	N_2, F_2, BF_3																			
16	Ar																			16
	HF																			

Valco Instruments Co. Inc.
Houston, TX
(800) 367-8424 sales
(713) 688-9345 tech
(713) 688-8106 fax
valco@vici.com

Valco International
Schenkon, Switzerland
Int + 41-41-925-6200 phone
Int + 41-41-925-6201 fax
vici@vici.com