			Experim	nental NELAC PT					
				ency Testing with P ⁻	TRLs				
				nking Water					
			Effecti	ive July 1, 2007		1		1	1
Matrix	EPA	NELAC	Analyta	Conc Range		cceptance (Critorio ^{2,3,4,5}	5	NELAC PTRL
IVIALITX	Analyte	Analyte	Analyte	Conc Range	A	b	C	d	NELAC FIRE
	Code	Code			α	6	U U	u	
			Misc Analytes						
Drinking Water		1045	Hexavalent Chromium (VI)	5 to 50 µg/L	0.9976	0.0479	0.0491	0.0441	4.5 µg/L
Drinking Water		1620	Corrosivity	-4 to +4 SI units	± 0.4 SI uni				Not Applicable
Drinking Water		1710	Dissolved Organic Carbon (DOC)	1.2 to 4.9 mg/l	0.9873	0.0565	0.0643	0.0769	0.93 mg/l
Drinking Water		1895	Perchlorate	•	0.9644	-0.0135	0.0690	-0.0012	ů.
Drinking Water Drinking Water	+ +	1895	Silica as SiO ₂	4 to 20 μg/L 5 to 50 mg/l				-0.0012	3.2 µg/L 4.2 mg/l
Drinking Water		2025	Surfactants - MBAS	0.05 to 1.0 mg/l	±15% fixed acceptance limit 0.9535 0.0170 0.0721 0.0144			0.028 mg/l	
Drinking Water		2023	UV 254 Absorbance	0.02 to 0.7 cm-1	1.0976	-0.0042	0.1097	0.0043	0.028 mg/i
Drinking Water		2000		0.02 10 0.1 011 1		0.00.2	000.	0.001.0	
			VOCs ¹	μg/L					µg/L
Drinking Water		4370	T-amylmethylether (TAME)	5 to 50	±40% fiz	xed accepta	ance limit		3.0
Drinking Water		4420	Tert-Butyl Alcohol	5 to 50		xed accepta			3.0
Drinking Water		4770	Ethyl-t-butylether (ETBE)	5 to 50		xed accepta			3.0
Drinking Water		5180	1,2,3-Trichloropropane ⁷	0.2 to 2.0		xed accepta			0.12
Drinking Water		5185	Trichlorotrifluoroethane (Freon 113)	5 to 50	±40% fiz	xed accepta	ance limit		3.0
Drinking Water		9375	Di-isopropylether (DIPE)	5 to 50	±40% fiz	xed accepta	ance limit		3.0
			PAH/Phthalates ¹	μg/L					
Drinking Water		5500	Acenaphthene	μg/L 1 to 10	+50% fi	xed accepta	nco limit		μg/L 0.50
Drinking Water		5505	Acenaphthylene	1 to 10					0.50
Drinking Water		5555	Acenaphilipiene	1 to 10	±50% fixed acceptance limit				0.50
Drinking Water		5575	Benzo(a)anthracene	1 to 10	±50% fixed acceptance limit ±50% fixed acceptance limit			0.50	
Drinking Water		5585	Benzo(b)fluoranthene	1 to 10		xed accepta			0.50
Drinking Water		5590	Benzo (g,h,i)perylene	1 to 10		xed accepta			0.50
Drinking Water		5600	Benzo(k)fluoranthene	1 to 10		xed accepta			0.50
Drinking Water		5670	Butylbenzylphthalate	10 to 50		xed accepta			4.0
Drinking Water		5855	Chrysene	1 to 10		xed accepta			0.50
Drinking Water		5895	Dibenz(a,h)anthracene	1 to 10		ked accepta			0.50
Drinking Water		5925	Di-n-butylphthalate	10 to 50		xed accepta			4.0
Drinking Water		6070	Diethylphthalate	10 to 50	±60% fiz	xed accepta	ance limit		4.0
Drinking Water		6135	Dimethylphthalate	10 to 50	±60% fiz	xed accepta	ance limit		4.0
Drinking Water		6200	Di-n-octylphthalate	10 to 50		xed accepta			4.0
Drinking Water		6265	Fluoranthene	1 to 10		xed accepta			0.50
Drinking Water		6270	Fluorene	1 to 10		xed accepta			0.50
Drinking Water		6315	Indeno(1,2,3-cd)pyrene	1 to 10		xed accepta			0.50
Drinking Water		5005	Naphthalene	2 to 50		xed accepta			1.2
Drinking Water		6615	Phenanthrene	1 to 10		xed accepta			0.50
Drinking Water		6665	Pyrene	1 to 10	±50% fiz	xed accepta	ance limit		0.50

				imental NELAC PT ciency Testing with PTF	Die				
					1LS				
				rinking Water					
			Effec	tive July 1, 2007					
							2245		
Matrix	EPA	NELAC	Analyte	Conc Range		cceptance (NELAC PTRL
	Analyte	Analyte			а	b	С	d	
	Code	Code	1						
			Pesticides ¹	µg/L					µg/L
Drinking Water		7130	Bromacil	2 to 20		±45% fixed acceptance limit ±45% fixed acceptance limit			1.1
Drinking Water		7875	Molinate (Ordram)	5 to 50	±45% f	ixed accepta	ance limit		2.7
			Herbicides	μg/L					µg/L
Drinking Water		8530	Bentazon	10 to 140	0.9052	-0.1670	0.2369	1.2766	1.5
Drinking Water		8540	Chloramben	20 to 100	±50% f	ixed accepta	ance limit		10
Drinking Water		8550	Dacthal diacid (DCPA)	20 to 100	0.8791	-2.7986	0.4470	-0.1212	2.0
Drinking Water		8600	3,5-Dichlorobenzoic acid	10 to 100	±50% f	ixed accepta	ance limit		5.0
Drinking Water		8605	Dichloroprop	10 to 100	0.9026	-0.7647	0.1517	0.2149	4.7
Drinking Water		9528	Paraquat	8 to 100	±50% f	±50% fixed acceptance limit			4.0
			Carbamates	μg/L					µg/L
Drinking Water		7800	Methiocarb	30 to 140	0.9192	1.6720	0.0476	1.8277	22
Drinking Water		8080	Baygon	30 to 140	1.0298	-1.9353	0.0893	0.2199	23
0									
			e, and herbicide standards, providers mus	t include a minimum number of ar	nalytes using t	he same cri	teria		
described in Cha	pter 2, Ap	nendix R S	ection B.1.2.						
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