



OREGON

Environmental Laboratory Accreditation Program



NELAP Recognized

Eurofins Air Toxics, Inc
CA300005

180 Blue Ravine Road, Ste. B
Folsom, CA 95630

IS GRANTED APPROVAL BY ORELAP UNDER THE 2009 TNI STANDARDS, TO PERFORM ANALYSES ON ENVIRONMENTAL SAMPLES IN MATRICES AS LISTED BELOW :

<i>Air</i>	<i>Drinking Water</i>	<i>Non Potable Water</i>	<i>Solids and Chem. Waste</i>	<i>Tissue</i>
Chemistry				

AND AS RECORDED IN THE LIST OF APPROVED ANALYTES, METHODS, ANALYTICAL TECHNIQUES, AND FIELDS OF TESTING ISSUED CONCURRENTLY WITH THIS CERTIFICATE AND REVISED AS NECESSARY.

ACCREDITED STATUS DEPENDS ON SUCCESSFUL ONGOING PARTICIPATION IN THE PROGRAM AND CONTINUED COMPLIANCE WITH THE STANDARDS.

CUSTOMERS ARE URGED TO VERIFY THE LABORATORY'S CURRENT ACCREDITATION STATUS IN OREGON.

Christopher L Redman

Christopher L. Redman, BA
Oregon State Public Health Laboratory
ORELAP Program Manager
3150 NW. 229th Ave, Suite 100
Hillsboro, OR 97124

EFFECTIVE DATE : 10/18/2017
EXPIRATION DATE : 10/17/2018
Certificate No : CA300005 - 010





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Environmental Laboratory Accreditation Program



ORELAP Fields of Accreditation

ORELAP ID: CA300005

EPA CODE: CA00933

Certificate: CA300005 - 010

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MATRIX	Reference	Code	Analyte	Code	Description
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Air

ASTM D1945 03				30024443	Natural Gas by Gas Chromatography
	4938		2-Methylbutane (Isopentane)		
	4942		2-methylpropane (Isobutane)		
	4323		Acetylene		
	3755		Carbon dioxide		
	3780		Carbon monoxide		
	4747		Ethane		
	4752		Ethene		
	1767		Helium		
	1772		Hydrogen		
	4926		Methane		
	3853		Natural Gas		
	5007		n-Butane		
	9511		Neopentane		
	1843		Nitrogen		
	5028		n-Pentane		
	5029		n-Propane		
	3895		Oxygen		
ASTM D1946- 90				30024465	Reformed Gas by Gas Chromatography
	3755		Carbon dioxide		
	3780		Carbon monoxide		
	4747		Ethane		
	4752		Ethene		
	1767		Helium		
	1772		Hydrogen		
	4926		Methane		
	1843		Nitrogen		
	3895		Oxygen		
EPA 325B 2013				10277437	Sorbent Tubes Coupled with Thermal Desorption and GC/MS
	9318		1,3-Butadiene		
	4375		Benzene		
	4765		Ethylbenzene		
	5240		m+p-xylene		
	5250		o-Xylene		
	5100		Styrene		
	5140		Toluene		
EPA TO-12				10248201	Non-Methane Organic Compounds by GC/FID
	3860		Non-methane organics		



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Air	EPA TO-13A	10248405	Polycyclic Aromatic Hydrocarbons in Ambient Air by GC/MS
	5795	2-Chloronaphthalene	
	6385	2-Methylnaphthalene	
	5500	Acenaphthene	
	5505	Acenaphthylene	
	5555	Anthracene	
	5575	Benzo(a)anthracene	
	5580	Benzo(a)pyrene	
	5590	Benzo(g,h,i)perylene	
	5600	Benzo(k)fluoranthene	
	5585	Benzo[b]fluoranthene	
	5855	Chrysene	
	5895	Dibenz(a,h) anthracene	
	6265	Fluoranthene	
	6270	Fluorene	
	6315	Indeno(1,2,3-cd) pyrene	
	5005	Naphthalene	
	6615	Phenanthrene	
	6665	Pyrene	
	EPA TO-13A SIM	10248449	Polycyclic Aromatic Hydrocarbons in Ambient Air by GC/MS SIM
	5795	2-Chloronaphthalene	
	6385	2-Methylnaphthalene	
	5500	Acenaphthene	
	5505	Acenaphthylene	
	5555	Anthracene	
	5575	Benzo(a)anthracene	
	5580	Benzo(a)pyrene	
	5590	Benzo(g,h,i)perylene	
	5600	Benzo(k)fluoranthene	
	5585	Benzo[b]fluoranthene	
	5855	Chrysene	
	5895	Dibenz(a,h) anthracene	
	6265	Fluoranthene	
	6270	Fluorene	
	6315	Indeno(1,2,3-cd) pyrene	
	5005	Naphthalene	
	6615	Phenanthrene	
	6665	Pyrene	
	EPA TO-14A	10248609	Volatile Organic Compounds with SUMMA canister and GC/MS
	5160	1,1,1-Trichloroethane	
	5110	1,1,2,2-Tetrachloroethane	



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Air	EPA TO-14A		
	5195	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	
	5165	1,1,2-Trichloroethane	
	4630	1,1-Dichloroethane	
	4640	1,1-Dichloroethylene	
	5155	1,2,4-Trichlorobenzene	
	5210	1,2,4-Trimethylbenzene	
	4585	1,2-Dibromoethane (EDB, Ethylene dibromide)	
	4695	1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon-114)	
	4610	1,2-Dichlorobenzene	
	4635	1,2-Dichloroethane (Ethylene dichloride)	
	4655	1,2-Dichloropropane	
	5215	1,3,5-Trimethylbenzene	
	9318	1,3-Butadiene	
	4615	1,3-Dichlorobenzene	
	4620	1,4-Dichlorobenzene	
	4735	1,4-Dioxane (1,4- Diethyleneoxide)	
	4836	1-Propene (Propylene)	
	4410	2-Butanone (Methyl ethyl ketone, MEK)	
	4860	2-Hexanone (MBK)	
	4542	4-Ethyltoluene	
	4995	4-Methyl-2-pentanone (MIBK)	
	4315	Acetone	
	4375	Benzene	
	5635	Benzyl chloride	
	4395	Bromodichloromethane	
	4400	Bromoform	
	4450	Carbon disulfide	
	4455	Carbon tetrachloride	
	4475	Chlorobenzene	
	4575	Chlorodibromomethane	
	4485	Chloroethane (Ethyl chloride)	
	4505	Chloroform	
	4705	cis & trans-1,2-Dichloroethene	
	4680	cis-1,3-Dichloropropene	
	4555	Cyclohexane	
	4625	Dichlorodifluoromethane (Freon-12)	
	4750	Ethanol	
	4765	Ethylbenzene	
	4835	Hexachlorobutadiene	
	4895	Isopropyl alcohol (2-Propanol, Isopropanol)	
	4900	Isopropylbenzene (Cumene)	



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Air	EPA TO-14A			
		5240	m+p-xylene	
		4950	Methyl bromide (Bromomethane)	
		4960	Methyl chloride (Chloromethane)	
		5000	Methyl tert-butyl ether (MTBE)	
		4975	Methylene chloride (Dichloromethane)	
		5005	Naphthalene	
		4825	n-Heptane	
		4855	n-Hexane	
		5090	n-Propylbenzene	
		5250	o-Xylene	
		5100	Styrene	
		5115	Tetrachloroethylene (Perchloroethylene)	
		5120	Tetrahydrofuran (THF)	
		5140	Toluene	
		4685	trans-1,3-Dichloropropylene	
		5170	Trichloroethene (Trichloroethylene)	
		5175	Trichlorofluoromethane (Fluorotrichloromethane, Freon 11)	
		5235	Vinyl chloride	
		5260	Xylene (total)	
	EPA TO-15			10248803 VOCs collected in Canisters by GC/MS
		5160	1,1,1-Trichloroethane	
		5110	1,1,2,2-Tetrachloroethane	
		5195	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	
		5165	1,1,2-Trichloroethane	
		4630	1,1-Dichloroethane	
		4640	1,1-Dichloroethylene	
		5182	1,2,3-Trimethylbenzene	
		5155	1,2,4-Trichlorobenzene	
		5210	1,2,4-Trimethylbenzene	
		4585	1,2-Dibromoethane (EDB, Ethylene dibromide)	
		4695	1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon-114)	
		4610	1,2-Dichlorobenzene	
		4635	1,2-Dichloroethane (Ethylene dichloride)	
		4655	1,2-Dichloropropane	
		5215	1,3,5-Trimethylbenzene	
		9318	1,3-Butadiene	
		4615	1,3-Dichlorobenzene	
		4676	1,3-Diethylbenzene	
		4620	1,4-Dichlorobenzene	
		4735	1,4-Dioxane (1,4- Diethyleneoxide)	



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Air	EPA TO-15	4917	1-Butene
		4833	1-Pentene
		4836	1-Propene (Propylene)
		5220	2,2,4-Trimethylpentane
		4666	2,2-Dimethylbutane
		4667	2,3,4-Trimethylpentane
		4669	2,3-Dimethylbutane
		4671	2,3-Dimethylpentane
		4672	2,4-Dimethylpentane
		4410	2-Butanone (Methyl ethyl ketone, MEK)
		4538	2-Ethyltoluene
		4860	2-Hexanone (MBK)
		4934	2-Methyl-2-Butene
		4937	2-Methylbutadiene (Isoprene)
		4938	2-Methylbutane (Isopentane)
		4939	2-Methylheptane
		4946	2-Methylhexane
		4941	2-Methylpentane (Isohexane)
		4942	2-methylpropane (Isobutane)
		4531	3-Ethyltoluene (1-Methyl-3-ethylbenzene)
		4529	3-Methyl-1-Butene
		4532	3-Methylheptane
		4533	3-Methylhexane
		4534	3-Methylpentane
		4542	4-Ethyltoluene
		4913	4-Methyl-1-Pentene
		4995	4-Methyl-2-pentanone (MIBK)
		4300	Acetaldehyde
		4315	Acetone
		4320	Acetonitrile
		4323	Acetylene
		4325	Acrolein (Propenal)
		4340	Acrylonitrile
		4355	Allyl chloride (3-Chloropropene)
		4375	Benzene
		5635	Benzyl chloride
		4390	Bromochloromethane
		4395	Bromodichloromethane
		4400	Bromoform
		4450	Carbon disulfide
		4455	Carbon tetrachloride
		4475	Chlorobenzene
		4575	Chlorodibromomethane



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Air	EPA TO-15		
		4485	Chloroethane (Ethyl chloride)
		4505	Chloroform
		4525	Chloroprene (2-Chloro-1,3-butadiene)
		4705	cis & trans-1,2-Dichloroethene
		4680	cis-1,3-Dichloropropene
		4602	cis-2-Butene
		4604	cis-2-Hexene
		4603	cis-2-pentene
		4555	Cyclohexane
		4562	Cyclopentane
		4563	Cyclopentene
		4625	Dichlorodifluoromethane (Freon-12)
		4627	Dichlorofluoromethane (Freon 21)
		4747	Ethane
		4750	Ethanol
		4752	Ethene
		4765	Ethylbenzene
		4835	Hexachlorobutadiene
		4895	Isopropyl alcohol (2-Propanol, Isopropanol)
		4900	Isopropylbenzene (Cumene)
		5240	m+p-xylene
		4930	Methanol
		4950	Methyl bromide (Bromomethane)
		4960	Methyl chloride (Chloromethane)
		5000	Methyl tert-butyl ether (MTBE)
		4965	Methylcyclohexane
		4966	Methylcyclopentane
		4975	Methylene chloride (Dichloromethane)
		5005	Naphthalene
		5007	n-Butane
		5875	n-Decane
		4825	n-Heptane
		4855	n-Hexane
		5026	n-Nonane
		5027	n-Octane
		5028	n-Pentane
		5029	n-Propane
		5090	n-Propylbenzene
		6747	n-Undecane
		5250	o-Xylene
		5253	p-Diethylbenzene
		5100	Styrene
		5115	Tetrachloroethylene (Perchloroethylene)



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Air	EPA TO-15			
		5120	Tetrahydrofuran (THF)	
		5140	Toluene	
		4685	trans-1,3-Dichloropropylene	
		4607	trans-2-Butene	
		4606	trans-2-Hexene	
		4608	trans-2-pentene	
		5170	Trichloroethene (Trichloroethylene)	
		5175	Trichlorofluoromethane (Fluorotrichloromethane, Freon 11)	
		5225	Vinyl acetate	
		5230	Vinyl bromide (Bromoethane)	
		5235	Vinyl chloride	
		5260	Xylene (total)	
	EPA TO-15 GC/MS SIM			10248858
				VOCs collected in Canisters by GC/MS SIM
		5160	1,1,1-Trichloroethane	
		5110	1,1,2,2-Tetrachloroethane	
		5165	1,1,2-Trichloroethane	
		4630	1,1-Dichloroethane	
		4640	1,1-Dichloroethylene	
		4585	1,2-Dibromoethane (EDB, Ethylene dibromide)	
		4695	1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon-114)	
		4635	1,2-Dichloroethane (Ethylene dichloride)	
		4620	1,4-Dichlorobenzene	
		4375	Benzene	
		4455	Carbon tetrachloride	
		4485	Chloroethane (Ethyl chloride)	
		4505	Chloroform	
		4645	cis-1,2-Dichloroethylene	
		4625	Dichlorodifluoromethane (Freon-12)	
		4765	Ethylbenzene	
		5240	m+p-xylene	
		4960	Methyl chloride (Chloromethane)	
		5000	Methyl tert-butyl ether (MTBE)	
		5005	Naphthalene	
		5250	o-Xylene	
		5115	Tetrachloroethylene (Perchloroethylene)	
		5140	Toluene	
		4700	trans-1,2-Dichloroethylene	
		5170	Trichloroethene (Trichloroethylene)	
		5235	Vinyl chloride	



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Air	EPA TO-17	10312206	Determination of Volatile Organic Compounds in Ambient Air Using Active Sampling Onto Sorbent Tubes
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- 5160 1,1,1-Trichloroethane
- 5195 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)
- 5165 1,1,2-Trichloroethane
- 4630 1,1-Dichloroethane
- 4640 1,1-Dichloroethylene
- 5155 1,2,4-Trichlorobenzene
- 5210 1,2,4-Trimethylbenzene
- 4695 1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon-114)
- 4610 1,2-Dichlorobenzene
- 4635 1,2-Dichloroethane (Ethylene dichloride)
- 4655 1,2-Dichloropropane
- 5215 1,3,5-Trimethylbenzene
- 9318 1,3-Butadiene
- 4615 1,3-Dichlorobenzene
- 4620 1,4-Dichlorobenzene
- 4735 1,4-Dioxane (1,4- Diethyleneoxide)
- 6380 1-Methylnaphthalene
- 5220 2,2,4-Trimethylpentane
- 4410 2-Butanone (Methyl ethyl ketone, MEK)
- 4860 2-Hexanone (MBK)
- 4938 2-Methylbutane (Isopentane)
- 6385 2-Methylnaphthalene
- 4542 4-Ethyltoluene
- 4995 4-Methyl-2-pentanone (MIBK)
- 5500 Acenaphthene
- 5505 Acenaphthylene
- 5555 Anthracene
- 4375 Benzene
- 4450 Carbon disulfide
- 4455 Carbon tetrachloride
- 4475 Chlorobenzene
- 4485 Chloroethane (Ethyl chloride)
- 4505 Chloroform
- 4645 cis-1,2-Dichloroethylene
- 4555 Cyclohexane
- 4765 Ethylbenzene
- 6265 Fluoranthene
- 6270 Fluorene
- 4835 Hexachlorobutadiene



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Air	EPA TO-17	4895	Isopropyl alcohol (2-Propanol, Isopropanol)
		4900	Isopropylbenzene (Cumene)
		5240	m+p-xylene
		5000	Methyl tert-butyl ether (MTBE)
		4965	Methylcyclohexane
		4975	Methylene chloride (Dichloromethane)
		5005	Naphthalene
		4825	n-Heptane
		4855	n-Hexane
		5090	n-Propylbenzene
		5250	o-Xylene
		6615	Phenanthrene
		6665	Pyrene
		5100	Styrene
		5115	Tetrachloroethylene (Perchloroethylene)
		5140	Toluene
		4700	trans-1,2-Dichloroethylene
		5170	Trichloroethene (Trichloroethylene)
		5175	Trichlorofluoromethane (Fluorotrichloromethane, Freon 11)
		5235	Vinyl chloride
		5260	Xylene (total)
	EPA TO-17 Modified 2	10312217	Hydrocarbons in Ambient Air Using WMS Passive Sampling Tubes
		5160	1,1,1-Trichloroethane
		5110	1,1,2,2-Tetrachloroethane
		5165	1,1,2-Trichloroethane
		4630	1,1-Dichloroethane
		4640	1,1-Dichloroethylene
		5150	1,2,3-Trichlorobenzene
		5155	1,2,4-Trichlorobenzene
		5210	1,2,4-Trimethylbenzene
		4610	1,2-Dichlorobenzene
		4635	1,2-Dichloroethane (Ethylene dichloride)
		5215	1,3,5-Trimethylbenzene
		4615	1,3-Dichlorobenzene
		4620	1,4-Dichlorobenzene
		9546	1,4-Dithiane
		4410	2-Butanone (Methyl ethyl ketone, MEK)
		4995	4-Methyl-2-pentanone (MIBK)
		4315	Acetone
		6698	alpha-Pinene
		4375	Benzene



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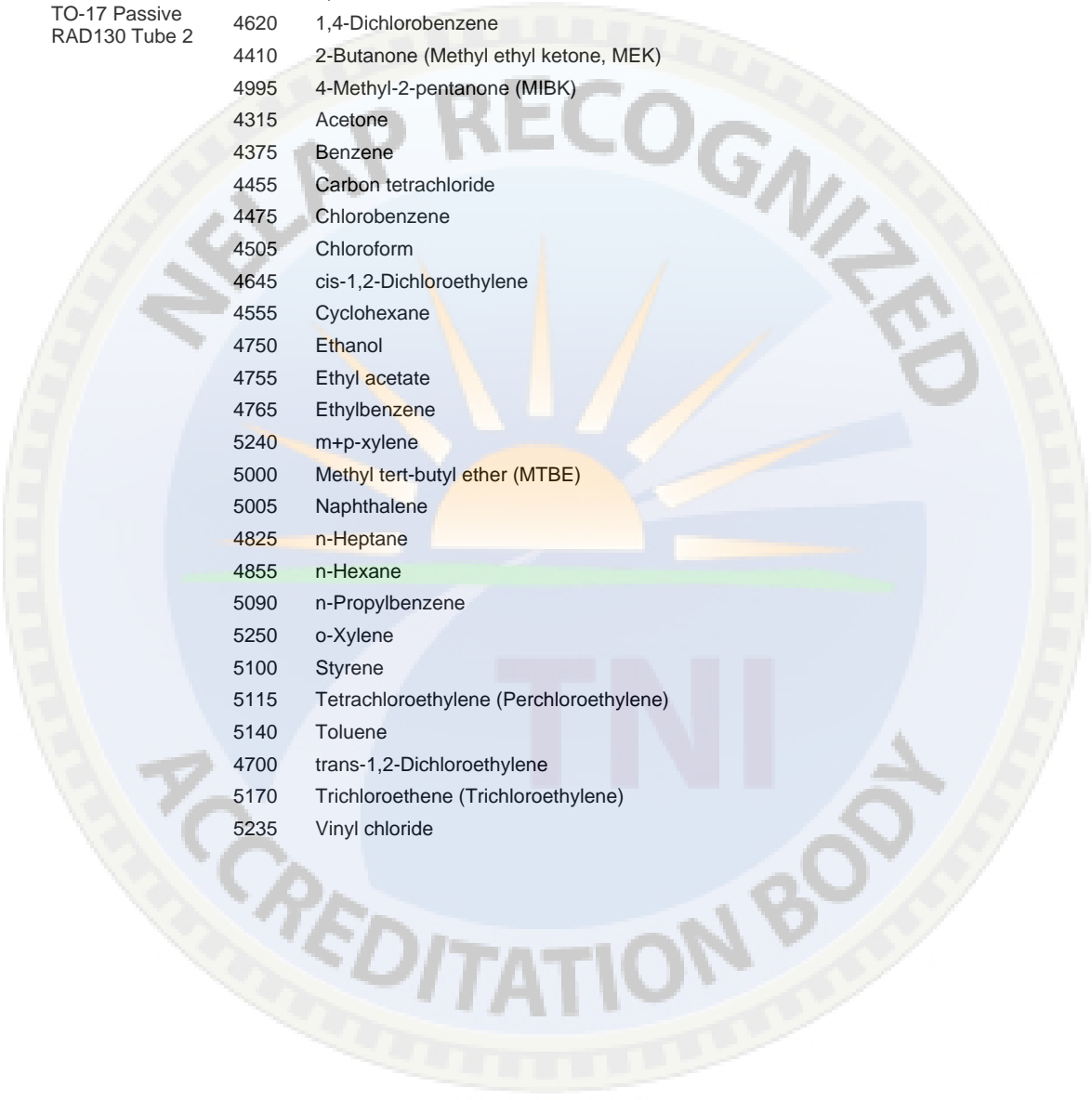
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Air	EPA TO-17 Modified 2	4455	Carbon tetrachloride	10249000	Cryogenic Trapping
		4475	Chlorobenzene		
		4505	Chloroform		
		4645	cis-1,2-Dichloroethylene		
		4555	Cyclohexane		
		6208	d-Limonene		
		4750	Ethanol		
		4755	Ethyl acetate		
		4765	Ethylbenzene		
		6774	Halothane (2-Bromo-2-chloro-1,1,1-trifluoroethane)		
		5240	m+p-xylene		
		4960	Methyl chloride (Chloromethane)		
		4990	Methyl methacrylate		
		5000	Methyl tert-butyl ether (MTBE)		
		5005	Naphthalene		
		4825	n-Heptane		
		4855	n-Hexane		
		5090	n-Propylbenzene		
		5250	o-Xylene		
		5100	Styrene		
		5115	Tetrachloroethylene (Perchloroethylene)		
		5140	Toluene		
		4700	trans-1,2-Dichloroethylene		
5170	Trichloroethene (Trichloroethylene)				
5235	Vinyl chloride				
	EPA TO-3			10249000	Cryogenic Trapping
		4375	Benzene		
		4765	Ethylbenzene		
		5000	Methyl tert-butyl ether (MTBE)		
		5140	Toluene		
		5260	Xylene (total)		
	Modified EPA TO-17 Passive RAD130 Tube 2			60032351	The Determination of Hydrocarbons in Air Via RAD130 RADIELLO Passive Sample Tubes
		5160	1,1,1-Trichloroethane		
		5110	1,1,2,2-Tetrachloroethane		
		5165	1,1,2-Trichloroethane		
		4630	1,1-Dichloroethane		
		4640	1,1-Dichloroethylene		
		5210	1,2,4-Trimethylbenzene		
		4610	1,2-Dichlorobenzene		
		4635	1,2-Dichloroethane (Ethylene dichloride)		
		5215	1,3,5-Trimethylbenzene		

AirModified EPA
TO-17 Passive
RAD130 Tube 2

4615	1,3-Dichlorobenzene
4620	1,4-Dichlorobenzene
4410	2-Butanone (Methyl ethyl ketone, MEK)
4995	4-Methyl-2-pentanone (MIBK)
4315	Acetone
4375	Benzene
4455	Carbon tetrachloride
4475	Chlorobenzene
4505	Chloroform
4645	cis-1,2-Dichloroethylene
4555	Cyclohexane
4750	Ethanol
4755	Ethyl acetate
4765	Ethylbenzene
5240	m+p-xylene
5000	Methyl tert-butyl ether (MTBE)
5005	Naphthalene
4825	n-Heptane
4855	n-Hexane
5090	n-Propylbenzene
5250	o-Xylene
5100	Styrene
5115	Tetrachloroethylene (Perchloroethylene)
5140	Toluene
4700	trans-1,2-Dichloroethylene
5170	Trichloroethene (Trichloroethylene)
5235	Vinyl chloride