METHOD FINDER (Key on page MF-34]

Chemical	Meth No.	Method Name	Flow Rate (L/min)	Vol. (L) min max	Extraction	Analytical Technique	Sampler
Acenaphthene	5506	POLYNUCLEAR AROMATIC HYDROCARBONS by HPLC	2.0	200 - 1000	acetonitrile	HPLC-FL/UV	PTFE & XAD-2
Acenaphthene	5515	POLYNUCLEAR AROMATIC HYDROCARBONS	2.0	200 - 1000	varies	GC-FID	PTFE & XAD-2
Acenaphthylene	5506	POLYNUCLEAR AROMATIC HYDROCARBONS by HPLC	2.0	200 - 1000	acetonitrile	HPLC-FL/UV	PTFE & XAD-2
Acenaphthylene	5515	POLYNUCLEAR AROMATIC HYDROCARBONS	2.0	200 - 1000	varies	GC-FID	PTFE & XAD-2
Acetaldehyde	2018	ALIPHATIC ALDEHYDES	0.1 - 1.5	1 - 15	ACN	HPLC/UV	SG-DNPH
Acetaldehyde	2538	ACETALDEHYDE	0.01 - 0.05	1 - 12	tol	GC-FID	XAD-2/HMP
Acetaldehyde	2539	ALDEHYDES, SCREENING	0.01 - 0.05	5 - 5	tol	GC-FID/MS	XAD-2/HMP
Acetaldehyde	3507	ACETALDEHYDE	0.1 - 0.5	6 - 60	reag	HPLC-UV	BuB
Acetic acid	1603	ACETIC ACID	0.01 - 0.1	20 - 300	formic a	GC-FID	CCT
Acetic anhydride	3506	ACETIC ANHYDRIDE	0.2 - 1.0	25 - 100	reag	VIS	BuB
Acetoin	2558	ACETOIN	0.01 - 0.2	1 - 10	Acet-Meth	GC-FID	A-CMS
Acetone	1300	KETONES I	0.01 - 0.2	0.5 - 3	CS_2	GC-FID	CCT
Acetone	2549	VOLATILE ORGANIC CPDS (Screening)	0.01 - 0.05	1 - 6	thermal	TD/GC-MS	TD
Acetone	3800	ORGANIC AND INORGANIC GASES BY EXTRACTIVE FTIR SPECTROMETRY	0.1 - 2.0	Instr. Dep.	NA	FTIR	Dir. Read
Acetone	2555	KETONES I	0.01 - 0.2	0.5 - 3.0	CS_2	GC-FID	A-CMS
Acetone cyanohydrin	2506	ACETONE CYANOHYDRIN	0.2	0.3 - 12	Et Ac	GC-NPD	Por QS
Acetonitrile	1606	ACETONITRILE	0.01 - 0.2	1 - 25	MeCl/MeOH	GC-FID	CCT
Acetylene dichloride	1003	HYDROCARBONS, HALOGENATED	0.01 - 0.2	0.2 - 5	CS_2	GC-FID	CCT
Acetylene tetrabromide	2003	1,1,2,2-TETRABROMOETHANE	0.2 - 1.0	50 - 100	THF	GC-FID	SG
Acetylene tetrachloride	1019	1,1,2,2-TETRACHLOROETHANE	0.01 - 0.2	3.0 - 30	CS_2	GC-FID	PCT
Acids, inorganic	7903	ACIDS, INORGANIC	0.2 - 0.5	3.0 - 100	HCO_3^-/CO_3^{2-}	IC	SG(washed)
ACN	1606	ACETONITRILE	0.01 - 0.2	1 - 25	MeCl/MeOH	GC-FID	CCT lg
Acrolein	2501	ACROLEIN	0.01 - 0.1	1.5 - 48	tol	GC-NPD	XAD-2/HMP
Acrolein	2539	ALDEHYDES, SCREENING	0.01 - 0.05	5 - 5	tol	GC-FID/MS	XAD-2/HMP
Acrylonitrile	1604	ACRYLONITRILE	0.01 - 0.2	3.5 - 20	acet/CS_2	GC-FID	CCT
Aerobic bacteria	0801	AEROBIC BACTERIA by GC-FAME	28.3	50 - 300	hex/MTBE	GC-FID	impactor
Alachlor	5603	ALACHLOR in AIR	1	70 - 1750	methanol	ELISA	SPE disk
Alachlor	5602	CHLORINATED ORGANONITROGEN HERBICIDES (AIR SAMPLING)	0.2 - 1	12 - 480	reagent	GC/ECD	OVS-2
Alachlor	9200	CHLORINATED ORGANONITROGEN HERBICIDES (HAND WASH)	NA	NA	NA	GC-ECD	polyethylene bag
Alachlor	9201	CHLORINATED ORGANONITROGEN HERBICIDES (DERMAL PATCH))	NA	NA	IPA/diazomethane	GC-ECD	PUF pad
Aldehydes, screening	2539	ALDEHYDES, SCREENING	0.01 - 0.05	5 - 5	tol	GC-FID/MS	XAD-2
Aldicarb	5601	ORGANONITROGEN PESTICIDES	0.1 - 1	var-480	reagent	HPLC-UV	OVS-2
Aldrin	5502	ALDRIN & LINDANE	0.2 - 1.0	18 - 240	isooct	GC-ECN	GFF & BuB
Alkaline dusts	7401	ALKALINE DUSTS	1 - 4	70 - 1000	HCl	Titration	PTFE
Allyl alcohol	1402	ALCOHOLS III	0.01 - 0.2	1 - 10	IPA/CS_2	GC-FID	CCT
Allyl alcohol	1405	ALCOHOLS COMBINED	0.01 - 0.2	2 - 10	IPA-CS_2	GC-FID	CCT
Allyl chloride	1000	ALLYL CHLORIDE	0.01 - 1.0	16 - 100	bz	GC-FID	CCT

Chemical	Meth No.	Method Name	Flow Rate (L/min)	Vol. (L) min max	Extraction	Analytical Technique	Sampler
Allyl glycidyl ether	2545	ALLYL GLYCIDYL ETHER	0.01 - 0.2	1.5 - 8	diethyl ether	GC-FID	Tenax
Allyl trichloride	1003	HYDROCARBONS, HALOGENATED	0.01 - 0.2	2 - 60	CS_2	GC-FID	CCT
Alumina	0500	PARTICULATES N.O.R.	1 - 2	7 - 133	–	Grav	PVC, tared
Aluminum	7300	ELEMENTS by ICP	1 - 4	5 - 100	$HNO_3/HClO_4$	ICP-AES	MCEF
Aluminum	7303	ELEMENTS by ICP (HOT BLOCK/HCl/HNO_3 DIGESTION)	1 - 4	See Table	HCl/HNO_3	ICP-AES	MCEF
Aluminum	7301	ELEMENTS by ICP (AQUA REGIA ASHING)	1 - 4	5 - 100	HCl/HNO_3	ICP-AES	MCEF
Aluminum	7013	ALUMINUM & CPDS, as Al	1 - 3	10 - 400	HNO_3	FAAS	MCEF
Amines, aliphatic	2010	AMINES, ALIPHATIC	0.01 - 1.0	3 - 30	H_2SO_4/aq MeOH	GC-FID	SG
Amines, aromatic	2002	AMINES, AROMATIC	0.2 - 1.0	30 - 150	Ethanol	GC-FID	SG
Aminobenzene	2002	AMINES, AROMATIC	0.2 - 1.0	30 - 150	Ethanol	GC-FID	SG
Aminobenzene	2017	ANILINE, o-TOLUIDINE, AND NITROBENZENE	0.2	5 - 50	Ethanol	GC-FID	GFF + SG
2-Aminoethanol	2007	AMINOETHANOL COMPOUNDS I	0.01 - 0.2	4 - 24	MeOH/H_2O	GC-FID	SG
2-Aminoethanol	3509	AMINOETHANOL COMPOUNDS II	0.5 - 1.0	5 - 300	HSA	IC	IMP
2-aminotoluene	2017	ANILINE, o-TOLUIDINE, AND NITROBENZENE	0.2	5 - 50	ethanol	GC-FID	GFF + SG
p-Aminophenylarsonic acid	5022	ARSENIC, ORGANO-	1 - 3	50 - 1000	buffer	IC-HYAAS	PTFE
2-Aminotoluene	2002	AMINES, AROMATIC	0.02 - 1.0	10 - 150	Ethanol	GC-FID	SG
Ammonia	6015	AMMONIA by VIS	0.1 - 0.2	0.1 - 90	H_2O	VIS-Auto	SG + H_2SO_4
Ammonia	6016	AMMONIA by IC	0.1 - 0.5	0.1 - 96	H_2O	IC	SG + H_2SO_4
n- and *sec*-Amyl acetate	1450	ESTERS I	0.01 - 0.2	1 - 10	CS_2	GC-FID	CCT
n-Amyl acetate	1450	ESTERS I	0.01 - 2	1 - 10	CS_2	GC-FID	CCT
Amyl acetate	2549	VOLATILE ORGANIC CPDS (Screening)	0.01 - 0.05	1 - 6	thermal	TD/GC-MS	TD
iso-Amylacetate	1450	ESTERS I	0.01 - 2	1 - 10	CS_2	GC-FID	CCT
Aniline	2002	AMINES, AROMATIC	0.02 - 0.2	5 - 30	Ethanol	GC-FID	SG
Aniline	2017	ANILINE, O-TOLUIDINE, & NITROBENZENE	0.2	5 - 50	ethanol	GC-FID	GFF+SG
Aniline	8317	ANALINE and o-TOLUIDINE in urine	NA	NA	Alk	HPLC/ECD	NA
Anisidine	2514	ANISIDINE	0.5 - 1.0	24 - 320	MeOH	HPLC-UV	XAD-2
Anthracene	5506	POLYNUCLEAR AROMATIC HYDROCARBONS by HPLC	2.0	200 - 1000	acetonitrile	HPLC-FL/UV	PTFE & XAD-2
Anthracene	5515	POLYNUCLEAR AROMATIC HYDROCARBONS	2.0	200 - 1000	varies	GC-FID	PTFE & XAD-2
Antimony	7303	ELEMENTS by ICP (HOT BLOCK/HCl/HNO_3 DIGESTION)	1 - 4	See Table	HCl/HNO_3	ICP-AES	MCEF
Antimony	7301	ELEMENTS by ICP (AQUA REGIA ASHING)	1 - 4	50 - 2000	HCl/HNO_3	ICP-AES	MCEF
p-Arsanilic acid	5022	ARSENIC, organo-	1 - 3	50 - 1000	buffer	IC-HYAAS	PTFE
Arsenic	7900	ARSENIC & compounds, as As	1 - 3	30 - 1000	$HNO_3/H_2SO_4/HClO_4$	HYAAS	MCEF
Arsenic	7300	ELEMENTS by ICP	1 - 4	5 - 2000	$HNO_3/HClO_4$	ICP-AES	MCEF
Arsenic	9102	ELEMENTS on WIPES	NA	NA	NA	ICP-AES	Wipe
Arsenic	7303	ELEMENTS by ICP (HOT BLOCK/HCl/HNO_3 DIGESTION)	1 - 4	See Table	HCl/HNO_3	ICP-AES	MCEF
Arsenic	7301	ELEMENTS by ICP (AQUA REGIA ASHING)	1 - 4	5 - 2000	HCl/HNO_3	ICP-AES	MCEF
Arsenic trioxide	7901	ARSENIC TRIOXIDE, as As	1 - 3	30 - 1000	HNO_3/H_2O_2	GFAAS	MCEF

Chemical	Meth No.	Method Name	Flow Rate (L/min)	Vol. (L) min max	Extraction	Analytical Technique	Sampler
Arsine	6001	ARSINE	0.01 - 0.2	0.1 - 10	HNO_3	GFAAS	CCT
Asbestos	7400	ASBESTOS FIBERS by PCM	0.5 - 16	400 - var	NA	PCM	MCEF open
Asbestos	7402	ASBESTOS FIBERS by TEM	0.5 - 16	400 - var	NA	TEM	MCEF open
Asbestos	9000	ASBESTOS, CHRYSOTILE by XRD	NA	NA	NA	XRD	bulk
Asbestos	9002	ASBESTOS (bulk) by PLM	NA	NA	NA	PLM	bulk
Aspartame	5031	ASPARTAME	1 - 3	70 - 1200	eluent	HPLC-UV	PTFE
Asphalt fume	5042	BENZENE SOLUBLE FRACTION AND TOTAL PARTICULATE (ASPHALT FUME)	1 - 4	28 - 400	benzene	GRAVIMETRIC	Tared PTFE
Atrazine	5602	CHLORINATED ORGANONITROGEN HERBICIDES (AIR SAMPLING)	0.2 - 1	12 - 480	reagent	GC/ECD	OVS-2
Atrazine	8315	TRIAZINE HERBICIDES and their METABOLITES	NA	NA	NA	GC-MSD	Urine
Atrazine	9200	CHLORINATED ORGANONITROGEN HERBICIDES (HAND WASH)	NA	NA	NA	GC-ECD	polyethylene bag
Atrazine	9201	CHLORINATED ORGANONITROGEN HERBICIDES (DERMAL PATCH))	NA	NA	IPA/ diazomethane	GC-ECD	PUF pad
Azelaic acid	5019	AZELAIC ACID	1 - 3	200 - 1000	Ethanol	GC-FID	PVC
Azinphos methyl	5600	ORGANOPHOSPHORUS PESTICIDES	0.2 - 1.0	12 - 240	tol/acet	GC-FPD	OVS-2
Bacteria	0801	AEROBIC BACTERIA by GC-FAME	28.3	50 - 300	hex/MTBE	GC-FID	impactor
B[a]P	5506	POLYNUCLEAR AROMATIC HYDROCARBONS by HPLC	2.0	200 - 1000	acetonitrile	HPLC-FL/UV	PTFE & XAD-2
B[a]P	5515	POLYNUCLEAR AROMATIC HYDROCARBONS	2.0	200 - 1000	varies	GC-FID	PTFE & XAD-2
Barium	7056	BARIUM, SOLUBLE COMPOUNDS	1 - 4	50 - 2000	H_2O	FAAS	MCEF
Barium	9102	ELEMENTS on WIPES	NA	NA	NA	ICP-AES	Wipe
Barium	7303	ELEMENTS by ICP (HOT BLOCK/HCl/HNO_3 DIGESTION)	1 - 4	See Table	HCl/HNO_3	ICP-AES	MCEF
Barium	7301	ELEMENTS by ICP (AQUA REGIA ASHING)	1 - 4	50 - 2000	HCl/HNO_3	ICP-AES	MCEF
Benomyl	5601	ORGANONITROGEN PESTICIDES	0.1 - 1	var - 480	reagent	HPLC-UV	OVS-2
Benzaldehyde	2549	VOLATILE ORGANIC CPDS (Screening)	0.01 - 0.05	1 - 6	thermal	TD/GC-MS	TD
Benz[a]anthracene	5506	POLYNUCLEAR AROMATIC HYDROCARBONS by HPLC	2.0	200 - 1000	acetonitrile	HPLC-FL/UV	PTFE & XAD-2
Benz(a)anthracene	5515	POLYNUCLEAR AROMATIC HYDROCARBONS	2.0	200 - 1000	varies	GC-FID	PTFE & XAD-2
Benzene	2549	VOLATILE ORGANIC CPDS (Screening)	0.01 - 0.05	1 - 6	thermal	TD/GC-MS	TD
Benzene	3700	BENZENE by portable GC	> 0.02	80% vol	NA	GC	air bag
Benzene	1501	HYDROCARBONS, AROMATIC	0.01 - 0.2	5 - 30	CS_2	GC-FID	CCT
Benzene	1500	HYDROCARBONS, BP 36-216°C	0.01 - 0.2	2 - 30	CS_2	GC-FID	CCT
Benzene	3800	ORGANIC and INORGANIC GASES by EXTRACTIVE FTIR SPECTROMETRY	0.1 - 2.0	Instr. Dep.	NA	FTIR	Dir. Read
Benzene solubles	5042	BENZENE SOLUBLE FRACTION AND TOTAL PARTICULATE (ASPHALT FUME)	1 - 4	28	benzene	Grav	Tared PTFE
1,3-benzenediol	5701	RESORCINOL	0.2 - 1	5 - 160	methanol	GC-FID	OVS-7
Benzidine Dyes	5013	DYES	1 - 3	150 - 500	H_2O	HPLC-UV	PTFE
Benzidine	5509	BENZIDINE and 3,3'-DICHLORO-BENZIDINE	0.2	20 - 100	triethyl amine /MeOH	HPLC-UV	GFF
Benzo[a]pyrene	5506	POLYNUCLEAR AROMATIC HYDROCARBONS by HPLC	2.0	200 - 1000	acetonitrile	HPLC-FL/UV	PTFE & XAD-2
Benzo(a)pyrene	5515	POLYNUCLEAR AROMATIC HYDROCARBONS	2.0	200 - 1000	varies	GC-FID	PTFE & XAD-2

Chemical	Meth No.	Method Name	Flow Rate (L/min)	Vol. (L) min max	Extraction	Analytical Technique	Sampler
Benzo[a]fluoranthene	5506	POLYNUCLEAR AROMATIC HYDROCARBONS by HPLC	2.0	200 - 1000	acetonitrile	HPLC-FL/UV	PTFE & XAD-2
Benzo(b)fluoranthene	5515	POLYNUCLEAR AROMATIC HYDROCARBONS	2.0	200 - 1000	varies	GC-FID	PTFE & XAD-2
Benzo[e]pyrene	5506	POLYNUCLEAR AROMATIC HYDROCARBONS by HPLC	2.0	200 - 1000	acetonitrile	HPLC-FL/UV	PTFE & XAD-2
Benzo(e)pyrene	5515	POLYNUCLEAR AROMATIC HYDROCARBONS	2.0	200 - 1000	varies	GC-ID	PTFE & XAD-2
Benzo[k]fluoranthene	5506	POLYNUCLEAR AROMATIC HYDROCARBONS by HPLC	2.0	200 - 1000	acetonitrile	HPLC-FL/UV	PTFE & XAD-2
Benzo(k)fluoranthene	5515	POLYNUCLEAR AROMATIC HYDROCARBONS	2.0	200 - 1000	varies	GC-ID	PTFE & XAD-2
Benzo[ghi]perylene	5506	POLYNUCLEAR AROMATIC HYDROCARBONS by HPLC	2.0	200 - 1000	acetonitrile	HPLC-FL/UV	PTFE & XAD-2
Benzo(ghi)perylene	5515	POLYNUCLEAR AROMATIC HYDROCARBONS	2.0	200 - 1000	varies	GC-ID	PTFE & XAD-2
Benzosulfonazole	2550	BENZOTHIAZOLE IN ASPHALT FUME	1.0 - 2.0	480 - 960	hexane	GC-SCD	PTFE + XD-2
Benzothiazole	2550	BENZOTHIAZOLE IN ASPHALT FUME	1.0 - 2.0	480 - 960	hexane	GC-SCD	PTFE + XD-2
Benzoyl peroxide	5009	BENZOYL PEROXIDE	1 - 3	40 - 400	diethyl ether	HPLC-UV	MCEF
Benzyl chloride	1003	HYDROCARBONS, HALOGENATED	0.01 - 0.2	6 - 50	CS_2	GC-FID	CCT
Beryllium	7300	ELEMENTS by ICP	1 - 4	1250-2000	$HNO_3/HClO_4$	ICP-AES	MCEF
Beryllium	9102	ELEMENTS on WIPES	NA	NA	NA	ICP-AES	Wipe
Beryllium	7303	ELEMENTS by ICP (HOT BLOCK/HCl/HNO_3 DIGESTION)	1 - 4	See Table	HCl/HNO_3	ICP-AES	MCEF
Beryllium	7301	ELEMENTS by ICP (AQUA REGIA ASHING)	1 - 4	1250-2000	HCl/HNO_3	ICP-AES	MCEF
Beryllium & compounds	7102	BERYLLIUM and cpds, as Be	1 - 4	25 - 2000	HNO_3/H_2SO_4	GFAAS	MCEF
Bioaerosol	0800	BIOAEROSOL SAMPLING (Indoor Air)	28.3	varies	NA	varies	Impactor
Biphenyl	2530	DIPHENYL	0.01 - 0.5	15 - 30	CCl_4	GC-FID	Tenax GC
Bismuth	7303	ELEMENTS by ICP (HOT BLOCK/HCl/HNO_3 DIGESTION)	1 - 4	See Table	HCl/HNO_3	ICP-AES	MCEF
Bitumen fume	5042	BENZENE SOLUBLE FRACTION AND TOTAL PARTICULATE (ASPHALT FUME)	1 - 4	28 - 400	benzene	Grav	Tared PTFE
Boron	7303	ELEMENTS by ICP (HOT BLOCK/HCl/HNO_3 DIGESTION)	1 - 4	See Table	HCl/HNO_3	ICP-AES	MCEF
Boron carbide	7506	BORON CARBIDE	1.7 or 2.2	100 - 1000	ash	XRD	CYC & PVC
Boron oxide	0500	PARTICULATES N.O.R.	1.5 - 2.0	25 - 133	NA	Grav	PVC
Bromoform	1003	HYDROCARBONS, HALOGENATED	0.01 - 0.2	4 - 70	CS_2	GC-FID	CCT
Bromine	6011	CHLORINE and BROMINE	0.3 - 1.0	8 - 360	$Na_2S_2O_3$	IC	Ag F
1-Bromopropane 2-Bromopropane	1025	1- and 2-BROMOPROPANE	0.01 - 0.2	0.1 - 12	CS_2	GC-FID	CCT
Bromoform	1003	HYDROCARBONS, HALOGENATED	0.01 - 0.2	4 - 70	CS_2	GC-FID	CCT
Bromotrifluoromethane	1017	TRIFLUOROBROMOMETHANE	0.01 - 0.05	0.3 - 1.0	CH_2Cl_2	GC-FID	2 CCT (lg+sm)
Bromoxynil	5010	BROMOXYNIL and B'OCTANOATE	1 - 3	2 - 400	CH_3CN	HPLC-UV	PTFE
Bromoxynil octanoate	5010	BROMOXYNIL and B'OCTANOATE	1 - 3	90 - 400	CH_3CN	HPLC-UV	PTFE
1,3-Butadiene	1024	1,3-BUTADIENE	0.01 - 0.5	5 - 25	CH_2Cl_2	GC-FID	CCT
2-Butanone	2500	METHYL ETHYL KETONE	0.01 - 0.2	1 - 12	CS_2	GC-FID	Carbon beads
2-Butanone	2549	VOLATILE ORGANIC CPDS (Screening)	0.01 - 0.05	1 - 6	thermal	TD/GC-MS	TD
2-Butanone	3800	ORGANIC and INORGANIC GASES by EXTRACTIVE FTIR SPECTROMETRY	0.1 - 2.0	Instr. Dep.	NA	FTIR	Dir. Read

Chemical	Meth No.	Method Name	Flow Rate (L/min)	Vol. (L) min max	Extraction	Analytical Technique	Sampler
Butoxyacetic acid	8316	BUTOXYACETIC ACID in urine	NA	NA	NA	GC-ECD	NA
2-Butoxyethyanol	2549	VOLATILE ORGANIC CPDS (Screening)	0.01 - 0.05	1 - 6	thermal	TD/GC-MS	TD
2-Butoxyethanol	1403	ALCOHOLS IV	0.01 - 0.05	2 - 10	CH_2Cl_2/MeOH	GC-FID	CCT
n-, *sec*-, & *t*-Butyl acetate	1450	ESTERS I	0.01 - 0.2	1 - 10	CS_2	GC-FID	CCT
Butyl acetate	2549	VOLATILE ORGANIC CPDS (Screening)	0.01 - 0.05	1 - 6	thermal	TD/GC-MS	TD
iso-Butyl acetate	1450	ESTERS I	0.01 - 2	1 - 10	CS_2	GC-FID	CCT
1-Butyl acetate	1450	ESTERS I	0.01 - 2	1 - 10	CS_2	GC-FID	CCT
Butyl alcohol	2549	VOLATILE ORGANIC CPDS (Screening)	0.01 - 0.05	1 - 6	thermal	TD/GC-MS	TD
tert-Butyl alcohol	1400	ALCOHOLS I	0.01 - 0.2	1 - 10	CS_2	GC-FID	CCT
n- & *sec*-Butyl alcohol	1401	ALCOHOLS II	0.01 - 0.2	2 - 10	CS_2	GC-FID	CCT
n-Butyl alcohol	1405	ALCOHOLS COMBINED	0.01 - 0.2	2 - 10	IPA-CS_2	GC-FID	CCT
sec-Butyl alcohol	1405	ALCOHOLS COMBINED	0.01 - 0.2	2 - 10	IPA-CS_2	GC-FID	CCT
n-Butylamine	2012	*n*-BUTYLAMINE	0.01 - 1.0	2 - 100	MeOH	GC-FID	SG + H_2SO_4
Butyl cellosolve	2549	VOLATILE ORGANIC CPDS (Screening)	0.01 - 0.05	1 - 6	thermal	TD/GC-MS	TD
Butyl cellosolve	1403	ALCOHOLS IV	0.01 - 0.05	1 - 10	CH_2Cl_2/MeOH	GC-FID	CCT
1,3-Butylene glygol	5523	GLYCOLS	0.5 - 2	5 - 60	MeOH	GC-FID	OVS-7
Butyl glycidyl ether	1616	BUTYL GLYCIDYL ETHER	0.01 - 0.2	15 - 30	CS_2	GC-FID	CCT
n-Butyl mercaptan	2525	*n*-BUTYL MERCAPTAN	0.01 - 0.05	1 - 4	acet	GC-FPD	Chrom 104
n-Butyl mercaptan	2542	MERCAPTANS	0.1 - 0.2	10 - 150	HCl/DCE	GC-FPD	GFF/HgAc
p-*tert*-Butyltoluene	1501	HYDROCARBONS, AROMATIC	0.01 - 0.2	1 - 29	CS_2	GC-FID	CCT
Butyraldehyde	2539	ALDEHYDES, SCREENING	0.05	5 - 5	tol	GC-FID/MS	XAD-2/HMP
Cadmium	7300	ELEMENTS by ICP	1 - 4	13 - 2000	HNO_3/$HClO_4$	ICP-AES	MCEF
Cadmium	9102	ELEMENTS on WIPES	NA	NA	NA	ICP-AES	Wipe
Cadmium	7303	ELEMENTS by ICP (HOT BLOCK/HCl/HNO_3 DIGESTION)	1 - 4	See Table	HCl/HNO_3	ICP-AES	MCEF
Cadmium	7301	ELEMENTS by ICP (AQUA REGIA ASHING)	1 - 4	13 - 2000	HCl/HNO_3	ICP-AES	MCEF
Cadmium & compounds	7048	CADMIUM and cpds, as Cd	1 - 3	25 - 1500	HNO_3/HCl	FAAS	MCEF
Calcium	7300	ELEMENTS by ICP	1 - 4	5 - 200	HNO_3/$HClO_4$	ICP-AES	MCEF
Calcium	7303	ELEMENTS by ICP (HOT BLOCK/HCl/HNO_3 DIGESTION)	1 - 4	See Table	HCl/HNO_3	ICP-AES	MCEF
Calcium	7301	ELEMENTS by ICP (AQUA REGIA ASHING)	1 - 4	5 - 200	HCl/HNO_3	ICP-AES	MCEF
Calcium & compounds	7020	CALCIUM and cpds as Ca	1 - 3	20 - 400	HNO_3/$HClO_4$	FAAS	MCEF
Camphor	1301	KETONES II	0.01 - 0.2	1 - 25	MeOH/CS_2	GC-FID	CCT
Camphor	2553	KETONES II	0.01 - 0.2	1 - 25	IPA-CS_2	GC-FID	A-CMS
Capsaicin	5041	CAPSAICIN and DIHYDROCAPSAICIN	1 - 3	5 - 1000	CH_3CN	HPLC-FL	GFF
Captan	5601	ORGANONITROGEN PESTICIDES	0.1 - 1	var-480	reagent	HPLC- UV	OVS-2
Captan	9205	CAPTAN and THIOPHENATE-METHYL on DERMAL PATCH	NA	NA	IPA/ACN	HPLC-UV	Patch
Captan	9202	CAPTAN and THIOPHENATE-METHYL in Handrinse	NA	NA	NA	HPLC-UV	Hand wash
Carbaryl	5601	ORGANONITROGEN PESTICIDES	0.1 - 1	var-480	reagent	HPLC- UV	OVS-2
Carbaryl (Sevin)	5006	CARBARYL	1 - 3	20 - 400	reagent	VIS	GFF

Chemical	Meth No.	Method Name	Flow Rate (L/min)	Vol. (L) min max	Extraction	Analytical Technique	Sampler
Carbendazim	5601	ORGANONITROGEN PESTICIDES	0.1 - 1	var - 480	reagent	HPLC-UV	OVS-2
Carbitol	2549	VOLATILE ORGANIC CPDS (Screening)	0.01 - 0.05	1 - 6	thermal	TD/GC–MS	TD
Carbofuran	5601	ORGANONITROGEN PESTICIDES	0.1 - 1	var-480	reagent	HPLC-UV	OVS-2
Carbon black	5000	CARBON BLACK	1 - 2	30 - 570	NA	Grav	PVC
Carbon, elemental	5040	ELEMENTAL CARBON (DIESEL PART.)	2 - 4	142-19000	thermal	EGA/TOA	QFF
Carbon dioxide	6603	CARBON DIOXIDE	0.02 - 0.1	80% vol	NA	GC–TCD	air bag
Carbon disulfide	1600	CARBON DISULFIDE	0.01 -0.2	2 - 25	toluene	GC–FPD	CCT & dry tube
Carbon monoxide	6604	CARBON MONOXIDE	NA	NA	NA	Sensor	Port Instr
Carbon tetrachloride	1003	HYDROCARBONS, HALOGENATED	0.01 - 0.2	3 - 150	CS_2	GC–FID	CCT
δ-3-Carene	1552	TERPENES	0.01 - 0.02	2 - 30	CS_2	GC–FID	CCT
Cellulose	7404	CELLULOSE INSULATION	1	NA	NA	SEM	ACF
Chlordane	5510	CHLORDANE	0.5 - 1.0	10 - 200	tol	GC–ECD	MCEF & Chrom 102
Chlorinated camphene	5039	CHLORINATED CAMPHENE	0.2 - 1	2 - 30	pet ether	GC–ECD	MCEF
Chlorinated diphenyl oxide	5025	CHLORINATED DIPHENYL OXIDE	0.5 - 1.5	8 - 200	isooctane	GC–ECN	MCEF
Chlorinated terphenyl	5014	CHLORINATED TERPHENYL	1 - 3	100 - 1500	isooctane	GC–ECD	GFF
Chlorine	6011	CHLORINE and BROMINE	0.3 - 1.0	2 - 90	$Na_2S_2O_3$	IC	Ag F
Chloroacetaldehyde	2015	CHLOROACETALDEHYDE	0.05 - 0.2	3 - 16	MeOH	GC–ECD	SG
Chloroacetic acid	2008	CHLOROACETIC ACID	0.05 - 0.2	1 - 100	H_2O	IC	SG
Chlorobenzene	1003	HYDROCARBONS, HALOGENATED	0.01 - 0.2	1.5 - 40	CS_2	GC–FID	CCT
p-Chlorobenzotrifluoride	1026	*p*-CHLOROBENZOTRIFLUORIDE	0.01 - 0.2	0.1 - 10	CS_2/MeOH	GC-FID	CCT
Chlorobromomethane	1003	HYDROCARBONS, HALOGENATED	0.01 - 0.2	0.5 - 60	CS_2	GC-FID	CCT
Chlorobromomethane	1003	HYDROCARBONS, HALOGENATED	0.01 - 0.2	0.5 - 8	CS_2	GC–FID	CCT
Chlorodifluoromethane	1018	DICHLORODIFLUOROMETHANE	0.01 - 0.05	1 - 4	CH_2Cl_2	GC–FID	2CCT (lg+sm)
Chlorodiphenyl (42 & 54% Cl)	5503	POLYCHLOROBIPHENYLS	0.05 - 0.2	1 - 50	hexane	GC–ECD	GFF & Florisil
2–Chloroethanol	2513	ETHYLENE CHLOROHYDRIN	0.01 - 0.2	2 - 35	IPA/CS_2	GC–FID	PCT
Chloroform	1003	HYDROCARBONS, HALOGENATED	0.01 - 0.2	1 - 50	CS_2	GC–FID	CCT
4–Chloronitrobenzene	2005	NITROAROMATIC COMPOUNDS	0.01 - 1.0	1 - 150	MeOH	GC–FID	SG
p–Chlorophenol	2014	*p–CHLOROPHENOL*	0.05 - 0.2	1.5 - 40	CH_3CN	HPLC–UV	SG
Chloroprene	1002	β–CHLOROPRENE	0.01 - 0.1	1.5 - 8	CS_2	GC–FID	CCT
Chlorpropham	5601	ORGANONITROGEN PESTICIDES	0.1 - 1	var-480	reagent	HPLC, UV	OVS-2
Chlorpyrifos	5600	ORGANOPHOSPHORUS PESTICIDES	0.2 - 1.0	12 - 240	tol/acet	GC–FPD	OVS–2
Chromic acid	7600	CHROMIUM, HEXAVALENT	1 - 4	8 - 400	reagent	VIS	PVC
Chromic acid	7604	CHROMIUM, HEXAVALENT	1 - 4	100 - 1000	NaOH/Na_2CO_3	IC	PVC
Chromium	7024	CHROMIUM and cpds, as Cr	1 - 3	10 - 1000	HCl/HNO_3	FAAS	MCEF
Chromium	7300	ELEMENTS by ICP	1 - 4	5 - 1000	HNO_3/$HClO_4$	ICP–AES	MCEF
Chromium	7301	ELEMENTS by ICP (AQUA REGIA ASHING)	1 - 4	5 - 1000	HCl/HNO_3	ICP-AES	MCEF
Chromium	7303	ELEMENTS by ICP (HOT BLOCK/HCl/HNO_3 DIGESTION)	1 - 4	See Table	HCl/HNO_3	ICP-AES	MCEF
Chromium	9102	ELEMENTS on WIPES	NA	NA	NA	ICP-AES	Wipe
Chromium, hexavalent	7600	CHROMIUM, HEXAVALENT	1 - 4	8 - 400	reagent	VIS	PVC
Chromium, hexavalent	7604	CHROMIUM, HEXAVALENT	1 - 4	100 - 1000	NaOH/Na_2CO_3	IC	PVC

Chemical	Meth No.	Method Name	Flow Rate (L/min)	Vol. (L) min max	Extraction	Analytical Technique	Sampler
Chromium, hexavalent	7605	CHROMIUM HEXAVALENT by ION CHROMATOGRAPHY	0.1 - 4	1 - 400	$NaOH-Na_2CO_3$	IC	PVC
Chromium, hexavalent	7703	CHROMIUM, HEXAVALENT by Field-Portable Spectrophotometry	1 - 4	10 - 1200	$(NH_4)_2SO_4/NH_4OH$	VIS	PVC, MCE, PTFE
Chromium, hexavalent	9101	CHROMIUM, HEXAVALENT in settled dust	NA	NA	NA	Spot	Test strip
Chrysene	5506	POLYNUCLEAR AROMATIC HYDROCARBONS by HPLC	2.0	200 - 1000	acetonitrile	HPLC–FL/UV	PTFE & XAD–2
Chrysene	5515	POLYNUCLEAR AROMATIC HYDROCARBONS	2.0	200 - 1000	varies	GC–FID	PTFE & XAD–2
Coal tar naphtha	1550	NAPHTHAS	0.01 - 0.2	1.3 - 20	CS_2	GC–FID	CCT
Coal tar pitch volatiles	5042	BENZENE SOLUBLE FRACTION AND TOTAL PARTICULATE (ASPHALT FUME)	1 - 4	28 - 400	benzene	Grav	tared PTFE
Cobalt	7300	ELEMENTS by ICP	1 - 4	25 - 2000	$HNO_3/HClO_4$	ICP–AES	MCEF
Cobalt	9102	ELEMENTS on WIPES	NA	NA	NA	ICP-AES	Wipe
Cobalt	7301	ELEMENTS by ICP (AQUA REGIA ASHING)	1 - 4	25 - 2000	HCl/HNO_3	ICP-AES	MCEF
Cobalt	7303	ELEMENTS by ICP (HOT BLOCK/HCl/HNO_3 DIGESTION)	1 - 4	See Table	HCl/HNO_3	ICP-AES	MCEF
Cobalt & compounds	7027	COBALT and cpds, as Co	1 - 3	30 - 1500	aq reg/HNO_3	FAAS	MCEF
Copper	7300	ELEMENTS by ICP	1 - 4	5 - 1000	$HNO_3/HClO_4$	ICP–AES	MCEF
Copper	7301	ELEMENTS by ICP (AQUA REGIA ASHING)	1 - 4	5 - 1000	HCl/HNO_3	ICP-AES	MCEF
Copper	9102	ELEMENTS on WIPES	NA	NA	NA	ICP-AES	Wipe
Copper	7303	ELEMENTS by ICP (HOT BLOCK/HCl/HNO_3 DIGESTION)	1 - 4	See Table	HCl/HNO_3	ICP-AES	MCEF
Copper (dust & fume)	7029	COPPER (dust & fumes)	1 - 3	50 - 1500	HNO_3/HCl	FAAS	MCEF
Cresol	2549	VOLATILE ORGANIC CPDS (Screening)	0.01 - 0.05	1 - 6	thermal	TD/GC–MS	TD
Cresol, all isomers	2546	CRESOLS and PHENOL	0.01 - 0.1	1 - 24	MeOH	GC–FID	XAD–7
Crotonaldehyde	2539	ALDEHYDES, SCREENING	0.01 - 0.05	5 - 5	tol	GC–FID/MS	XAD–2/HMP
Crotonaldehyde	3516	CROTONALDEHYDE	0.1 - 0.2	1 - 49	buffer	DPP	BuB
Cryofluorane	1018	DICHLORODIFLUOROMETHANE, 1,2–DICHLOROTETRAFLUORO–ETHANE, & CHLORODIFLUOROMETHANE	0.01 - 0.05	1 - 4	CH_2Cl_2	GC–FID	2 CCT
Cumene	1501	HYDROCARBONS, AROMATIC	0.01 - 0.2	1 - 30	CS_2	GC–FID	CCT
Cyanides	7904	CYANIDES, aerosol and gas	0.5 - 1.0	10 - 180	KOH	ISE	MCEF & BuB
Cyanides	6010	HYDROGEN CYANIDE	0.05 - 0.2	0.6 - 90	H_2O	VIS	soda lime
Cyanuric acid	5030	CYANURIC ACID	1 - 3	10 - 1000	reagents	HPLC–UV	PVC
Cyanazine	5602	CHLORINATED ORGANONITROGEN HERBICIDES (AIR SAMPLING)	0.2 - 1	12 - 480	reagent	GC/ECD	OVS-2
Cyanazine	8315	TRIAZINE HERBICIDES and their METABOLITES	NA	NA	NA	GS-MSD	Urine
Cyanazine	9200	CHLORINATED ORGANONITROGEN HERBICIDES (HAND WASH)	NA	NA	NA	GC-ECD	polyethylene bag
Cyanazine	9201	CHLORINATED ORGANONITROGEN HERBICIDES (DERMAL PATCH))	NA	NA	IPA/diazomethane	GC-ECD	PUF pad
Cyclohexane	1500	HYDROCARBONS, BP 36–216°C	0.01 - 0.2	2.5 - 5	CS_2	GC–FID	CCT
Cyclohexanol	1402	ALCOHOLS III	0.01 - 0.2	1 - 10	IPA/CS_2	CG–FID	CCT
Cyclohexanol	1405	ALCOHOLS COMBINED	0.01 - 0.2	2 - 10	$IPA-CS_2$	GC-FID	CCT

Chemical	Meth No.	Method Name	Flow Rate (L/min)	Vol. (L) min max	Extraction	Analytical Technique	Sampler
Cyclohexanone	2549	VOLATILE ORGANIC CPDS (Screening)	0.01 - 0.05	1 - 6	thermal	TD/GC–MS	TD
Cyclohexanone	2555	KETONES I	0.01 - 0.2	1 - 10	CS_2	GC-FID	A-CMS
Cyclohexanone	1300	KETONES I	0.01 - 0.2	1 - 10	CS_2	CG–FID	CCT
Cyclohexene	1500	HYDROCARBONS, BP 36–216°C	0.01 - 0.2	5 - 7	CS_2	CG–FID	CCT
1,3–Cyclopentadiene	2523	1,3–CYCLOPENTADIENE	0.01 - 0.05	1 - 5	Et Ac	GC–FID	Chrom104/ maleic anhy
2,4–D	5001	2,4–D and 2,4,5–T	1 - 3	15 - 200	MeOH	HPLC–UV	GFF
2,4-D acid; 2,4-D,2-ethylhexyl ester; 2,4-D,2-butoxyethyl ester	5602	CHLORINATED ORGANONITROGEN HERBICIDES (AIR SAMPLING)	0.2 - 1	12 - 480	reagent	GC-ECD	OVS-2
2,4-D acid; 2,4-D,2-ethylhexyl ester; 2,4-D,2-butoxyethyl ester	9200	CHLORINATED ORGANONITROGEN HERBICIDES (HAND WASH)	NA	NA	NA	GC-ECD	polyethylene bag
2,4-D acid; 2,4-D,2-ethylhexyl ester; 2,4-D,2-butoxyethyl ester	9201	CHLORINATED ORGANONITROGEN HERBICIDES (DERMAL PATCH))	NA	NA	IPA/diazomethane	GC-ECD	PUF pad
Decabromodiphenyl Oxide	2559	DECABROMODIPHENYL OXIDE	2.0	48 - 960	Tol	GC/NCD	GFF
n–Decane	2549	VOLATILE ORGANIC CPDS (Screening)	0.01 - 0.05	1 - 6	thermal	TD/GC–MS	TD
n-Decane	1500	HYDROCARBONS, BP 36°-216°C	NA	NA	CS_2	GC-FID	CCT
Demeton	5514	DEMETON	0.2 - 1.0	30 - 500	toluene	GC–FPD	MCEF &XAD–2
Desethylatrazine	8315	TRIAZINE HERBICIDES and their METABOLITES	NA	NA	NA	GC-MSD	Urine
Desisopropylatrazine	8315	TRIAZINE HERBICIDES and their METABOLITES	NA	NA	NA	GC-MSD	Urine
Diacetone alcohol	1402	ALCOHOLS III	0.01 - 0.2	1 - 10	IPA/CS_2	GC–FID	CCT
Diacetone alcohol	1405	ALCOHOLS COMBINED	0.01 - 0.2	1 - 10	IPA-CS_2	GC-FID	CCT
Diacetyl	2557	DIACETYL	0.01 - 0.2	1 - 10	Acet-Meth	GC-FID	A-CMS
o–Dianisidine	5013	DYES	1 - 3	150 - 500	H_2O	HPLC–UV	PTFE
Diatomaceous earth	7501	SILICA, AMORPHOUS	1 - 3	50 - 400	ash	XRD	PVC/CYC
Diazinon	5600	ORGANOPHOSPHORUS PESTICIDES	0.2 - 1	12 - 240	toluene/acetone	GC–FPD	OVS–2
Diazomethane	2515	DIAZOMETHANE	0.2	6 - 30	CS_2	GC–FID	XAD–2(coated)
Dibenz[a,h]anthracene	5506	POLYNUCLEAR AROMATIC HYDROCARBONS by HPLC	2.0	200 - 1000	acetonitrile	HPLC–FL/UV	PTFE & XAD–2
Dibenz(a,h) anthracene	5515	POLYNUCLEAR AROMATIC HYDROCARBONS	2.0	200 - 1000	varies	GC–FID	PTFE & XAD–2
Diborane	6006	DIBORANE	0.5 - 1.0	60 - 260	H_2O_2	PES	PTFE & CCT w/oxidizer
Dibromodifluoromethane	1012	DIFLUORODIBROMOMETHANE	0.01 - 0.2	2.5 - 10	IPA	GC–FID	2 CCT
2–Dibutylaminoethanol	2007	AMINOETHANOL COMPOUNDS	0.01 - 0.2	4 - 24	MeOH/H_2O	GC–FID	SG
Dibutyl phosphate	5017	DIBUTYL PHOSPHATE	1 - 3	50 - 250	CH_3CN	GC–FPD	PTFE
Dibutyl phthalate	5020	DIBUTYL PHTHALATE & DI(2–ETHYLHEXYL) PHTHALATE	1 - 3	6 - 200	CS_2	GC–FID	MCEF
Dibutyltin bis(isooctyl mercaptoacetate)	5504	ORGANOTIN COMPOUNDS	1 - 1.5	50 - 500	Acetic a/CH_3CN	HPLC/GFAAS	GFF + XAD–2
o–, *p*–Dichlorobenzene	2549	VOLATILE ORGANIC CPDS (Screening)	0.01 - 0.05	1 - 6	varies	TD/GC–MS	TD
o-Dichlorobenzene	1003	HYDROCARBONS, HALOGENATED	0.01 - 0.2	1 - 10	CS_2	GC-FID	CCT

Chemical	Meth No.	Method Name	Flow Rate (L/min)	Vol. (L) min max	Extraction	Analytical Technique	Sampler
p-Dichlorobenzene	1003	HYDROCARBONS, HALOGENATED	0.01 - 0.2	1 - 8	CS_2	GC-FID	CCT
p-Dichlorobenzene	1003	HYDROCARBONS, HALOGENATED	0.01 - 0.2	1 - 10	CS_2	GC-FID	CCT
3,3'-Dichlorobenzidine	5509	BENZIDINE and 3,3'-DICHLOROBENZIDINE	0.2	20 - 100	TEA/MeOH	HPLC-UV	GFF
Dichlorodifluoromethane	1018	DICHLORODIFLUOROMETHANE, 1,2-DICHLOROTETRAFLUORO-ETHANE & CHLORODIFLUOROMETHANE	0.01 - 0.05	1 - 4	CH_2Cl_2	GC-FID	2 CCT (lg + sm)
1,1-Dichloroethane	1003	HYDROCARBONS, HALOGENATED	0.01 - 0.2	0.5 - 15	CS_2	GC-FID	CCT
1,2-Dichloroethane	1003	HYDROCARBONS, HALOGENATED	0.01 - 0.2	0.5 - 50	CS_2	GC-FID	CCT
Dichloroethyl ether	1004	DICHLOROETHYL ETHER	0.01 - 1.0	2 - 15	CS_2	GC-FID	CCT
1,2-Dichloroethylene	1003	HYDROCARBONS, HALOGENATED	0.01 - 0.2	0.2 - 5	CS_2	GC-FID	CCT
Dichlorofluoromethane	2516	DICHLOROFLUOROMETHANE	0.01 - 0.05	0.25 - 3	CS_2	GC-FID	2 CCT (lg)
Dichloromethane	1005	METHYLENE CHLORIDE	0.01 - 0.2	0.5 - 2.5	CS_2	GC-FID	2 CCT
Dichloromethane	2549	VOLATILE ORGANIC CPDS (Screening)	0.01 - 0.05	1 - 6	thermal	TD/GC-MS	TD
1,1-Dichloro-1-nitroethane	1601	1,1-DICHLORO-1-NITROETHANE	0.01 - 1.0	1.5 - 15	CS_2	GC-FID	PCT
1,2-Dichloropropane	1013	PROPYLENE DICHLORIDE	0.01 - 0.2	0.1 - 3.5	Acet/cyclohexane	GC-ECN	PCT
1,2-Dichlorotetra-fluoroethane	1018	DICHLORODIFLUOROMETHANE, 1,2-DICHLOROTETRAFLUORO-ETHANE & CHLORODIFLUOROMETHANE	0.01 - 0.05	1 - 4	CH_2Cl_2	GC-FID	2 CCT (lg + sm)
Dicrotophos	5600	ORGANOPHOSPHORUS PESTICIDES	0.2 - 1	12 - 240	tol/acet	GC-FPD	OVS-2
Diesel exhaust	5040	ELEMENTAL CARBON (DIESEL PART.)	1 - 4	142 -19000	thermal	EGA/TOA	QFF
Diethanolamine	3509	AMINOETHANOL COMPOUNDS II	0.5 - 1.0	5 - 300	HSA	IC	IMP
Diethylamine	2010	AMINES, ALIPHATIC	0.01 - 1.0	3 - 30	H_2SO_4/MeOH	GC-FID	SG
2-Diethylaminoethanol	2007	AMINOETHANOL COMPOUNDS I	0.01 - 0.2	4 - 24	MeOH/H_2O	GC-FID	SG
Diethylene glycol	5523	GLYCOLS	0.5 - 2	5 - 60	MeOH	GC-FID	OVS-7
Diethylene glycol ether	2549	VOLATILE ORGANIC CPDS (Screening)	0.01 - 0.05	1 - 6	thermal	TD/GC-MS	TD
Diethylenetriamine	2540	ETHYLENEDIAMINE, DIETHYLENETRIAMINE, & TRIETHYLENETETRAMINE	0.01 - 0.1	1 - 20	DMF	HPLC-UV	XAD-2 w/10% NITC
Di-(2-ethylhexyl) phthalate	5020	DIBUTYL PHTHALATE and DI(2-ETHYLHEXYL) PHTHALATE	1 - 3	10 - 200	CS_2	GC-FID	MCEF
Difluorodibromomethane	1012	DIFLUORODIBROMOMETHANE	0.01 - 0.2	2.5 - 10	IPA	GC-FID	2 CCT
Difluorodichloromethane	1018	DICHLORODIFLUOROMETHANE, 1,2-DICHLOROTETRAFLUORO-ETHANE & CHLORODIFLUOROMETHANE	0.01 - 0.05	1 - 4	CH_2Cl_2	GC-FID	2 CCT
Dihydrocapsaicin	5041	CAPSAICIN and DIHYDROCAPSAICIN	1 - 3	7 - 1000	CH_3CN	HPLC-FL	GFF
Diisobutyl ketone	1300	KETONES I	0.01 - 0.2	1 - 10	CS_2	GC-FID	CCT
Diisobutyl ketone	2555	KETONES I	0.01 - 0.2	1 - 10	CS_2	GC-FID	A-CMS
Dimethylacetamide	2004	DIMETHYLACETAMIDE and DIMETHYLFORMAMIDE	0.01 - 1.0	15 - 80	MeOH	GC-FID	SG
Dimethylamine	2010	AMINES, ALIPHATIC	0.01 - 1.0	3 - 30	H_2SO_4/MeOH	GC-FID	SG
2-(Dimethylamino)ethanol 1-Dimethylamino-2-propanol	2561	2-(DIMETHYLAMINO)ETHANOL 1-DIMETHYLAMINO-2-PROPANOL	0.02 - 0.1	10 - 24	MeOH	GC-FID	XAD
N,N-Dimethylaniline	2002	AMINES, AROMATIC	0.02 - 1.0	3 - 30	Ethanol	GC-FID	SG
Dimethylarsinic acid	5022	ARSENIC, ORGANO-	1 - 3	50 - 1000	buffer	IC-HYAAS	PTFE

Chemical	Meth No.	Method Name	Flow Rate (L/min)	Vol. (L) min max	Extraction	Analytical Technique	Sampler
Dimethylformamide	2004	DIMETHYLACETAMIDE & DIMETHYLFORMAMIDE	0.01 - 1.0	15 - 80	MeOH	GC–FID	SG
1,1–Dimethylhydrazine	3515	1,1–DIMETHYLHYDRAZINE	0.2 - 1.0	2 - 100	reagent	VIS	BuB (0.1 *M* HCl)
N,N–Dimethyl–*p*–toluidine	2002	AMINES, AROMATIC	0.02 - 1.0	20 - 100	Ethanol	GC–FID	SG
Dimethyl sulfate	2524	DIMETHYL SULFATE	0.01 - 0.2	0.25 - 12	diEt ether	GC–ECN	Por P
Dioxane	1602	DIOXANE	0.01 - 0.2	0.5 - 15	CS_2	GC–FID	CCT
Diphenyl	2530	DIPHENYL	0.01 - 0.5	15 - 30	CCl_4	GC–FID	Tenax GC
Dipropylene glycol monomethyl ether	2554	GLYCOL ETHERS	0.1 - 0.2	3 - 25	$MeCl_2$/Meth	GC-FID	A-747
Disulfoton	5600	ORGANOPHOSPHORUS PESTICIDES	0.2 - 1	12 - 240	tol/acet	GC–FPD	OVS–2
Diuron	5601	ORGANONITROGEN PESTICIDES	0.1 - 1	var-480	reagent	HPLC, UV	OVS-2
n-Dodecane	1500	HYDROCARBONS, BP 36°-216°C	NA	NA	CS_2	GC-FID	CCT
Dyes– benzidine–, o–tolidine–, o–dianisidine–	5013	DYES, BENZIDINE–, *o*– TOLIDINE–, *o*– DIANISIDINE	1 - 3	150 - 500	H_2O	HPLC–UV	PTFE
Elemental carbon	5040	ELEMENTAL CARBON (DIESEL PART.)	2 - 4	142 -19000	thermal	EGA-TOA	QFF
Elements	7300	ELEMENTS by ICP	1 - 4	Varies	HNO_3/$HClO_4$	ICP–AES	MCEF
Elements	7301	ELEMENTS by ICP (Aqua Region Ashing)	1 - 4	Varies	Aq Reg	ICP-AES	MCEF PVCF
Elements	7303	ELEMENTS by ICP (HOT BLOCK/HCl/HNO_3 DIGESTION)	1 - 4	See Table	HCl/HNO_3	ICP-AES	MCEF
Endrin	5519	ENDRIN	0.5 - 1.0	12 - 400	tol	GC–ECD	MCEF & Chrom 102
Epichlorohydrin	1010	EPICHLOROHYDRIN	0.01 - 0.2	2 - 30	CS_2	GC–FID	CCT
EPN	5012	EPN	1 - 2	15 - 700	isooctane	GC–FPD	GFF
1,2–Epoxypropane	1612	PROPYLENE OXIDE	0.01 - 0.2	0.5 - 5	CS_2	GC–FID	CCT
β-Estradiol	5044	ESTROGENIC COMPOUNDS	1	150 - 1000	Meth	HPLC-UV	PTFE
Estrone	5044	ESTROGENIC COMPOUNDS	1	150 - 1000	Meth	HPLC-UV	PTFE
β-Estrodiol-3-Benzoate	5044	ESTROGENIC COMPOUNDS	1	150 - 1000	Meth	HPLC-UV	PTFE
Ethanol	2549	VOLATILE ORGANIC CPDS (Screening)	0.01 - 0.05	1 - 6	thermal	TD/GC–MS	TD
Ethanol	1400	ALCOHOLS I	0.01 - 0.05	0.1 - 1	2-butanol/CS_2	GC–FID	CCT
Ethanolamine	2007	AMINOETHANOL COMPOUNDS I	0.01 - 0.2	4 - 24	5600	GC–FID	SG
Ethion	5600	ORGANOPHOSPHORUS PESTICIDES	0.2 - 1	12 - 240	tol/acet	GC–FPD	OVS–2
Ethoprop	5600	ORGANOPHOSPHORUS PESTICIDES	0.2 - 1	12 - 240	tol/acet	GC–FPD	OVS–2
2–Ethoxyethanol	1403	ALCOHOLS IV	0.01 - 0.05	1 - 6	MeOH	GC–FID	CCT
2–Ethoxyethyl acetate	1450	ESTERS I	0.01 - 0.2	1 - 10	CS_2	GC–FID	CCT
Ethyl acetate	2549	VOLATILE ORGANIC CPDS (Screening)	0.01 - 0.05	1 - 6	thermal	TD/GC–MS	TD
Ethyl acetate	1457	ETHYL ACETATE	0.01 - 0.2	0.1 - 10	CS_2	GC–FID	CCT
Ethyl acrylate	1450	ESTERS I	0.01 - 0.2	1 - 10	CS_2	GC–FID	CCT
Ethyl amyl ketone	1301	KETONES II	0.01 - 0.2	1 - 25	MeOH/CS_2	GC–FID	CCT
Ethylbenzene	1501	HYDROCARBONS, AROMATIC	0.01 - 0.2	1 - 24	CS_2	GC–FID	CCT
Ethyl bromide	1011	ETHYL BROMIDE	0.01 - 0.2	0.5 - 4	IPA	GC–FID	CCT
Ethyl butyl ketone	1301	KETONES II	0.01 - 0.2	1 - 25	MeOH/CS_2	GC–FID	CCT
Ethyl chloride	2519	ETHYL CHLORIDE	0.02 - 0.05	0.3 - 3	CS_2	GC–FID	2 CCT (lg)
Ethylene chlorohydrin	2513	ETHYLENE CHLOROHYDRIN	0.01 - 0.2	2 - 35	IPA/CS_2	GC–FID	PCT

Chemical	Meth No.	Method Name	Flow Rate (L/min)	Vol. (L) min max	Extraction	Analytical Technique	Sampler
Ethylenediamine	2540	ETHYLENEDIAMINE, DIETHYLENETRIAMINE, & TRIETHYLENETETRAMINE	0.01 - 0.1	1 - 20	DMF	HPLC-UV	XAD-2 w/10% NITC
Ethylene dibromide	1008	ETHYLENE DIBROMIDE	0.02 - 0.2	0.1 - 25	bz/MeOH	GC-ECD	CCT
Ethylene dichloride	1003	HYDROCARBONS, HALOGENATED	0.01 - 0.2	1 - 50	CS_2	GC-FID	CCT
Ethylene glycol	5523	GLYCOLS	0.5 - 2	5 - 60	MeOH	GC-FID	OVS-7
Ethylene glycol dinitrate	2507	NITROGLYCERIN & ETHYLENE GLYCOL DINITRATE	0.2 - 1.0	3 - 100	Ethanol	GC-ECD	Tenax GC
Ethylene oxide	1614	ETHYLENE OXIDE	0.05 - 0.15	1 - 24	DMF	GC-ECD	PCT w/HBr
Ethylene oxide	3702	ETHYLENE OXIDE by portable GC	> 0.02	80% vol	NA	GC-PID	air bag
Ethylene oxide	3800	ORGANIC and INORGANIC GASES by EXTRACTIVE FTIR SPECTROMETRY	0.1 - 2.0	Instr. dep.	NA	FTIR	Dir. Read
Ethylene thiourea	5011	ETHYLENE THIOUREA	1 - 3	200 - 800	H_2O	VIS	PVC or MCEF
Ethylenimine	3514	ETHYLENIMINE	0.2	1 - 48	$CHCl_3$	HPLC-UV	BuB
Ethyl ether	1610	ETHYL ETHER	0.01 - 0.2	0.25 - 3	CS_2	GC-FID	CCT
Ethyl ether	1610	ETHYL ETHER	0.01 - 0.2	0.25 - 3	Et Ac	GC-FID	CCT
Ethyl formate	1452	ETHYL FORMATE	0.01 - 0.2	0.3 - 10	CS_2	GC-FID	CCT
Ethyl mercaptan	2542	MERCAPTANS	0.1 - 0.2	10 - 150	HCl/DCE	GC-FPD	GFF/HgAc
Ethyl methacrytate	2537	METHYL and ETHYL METHACRYLATE	0.01 - 0.05	1 - 8	CS_2	GC-FID	XAD
Fenamiphos	5600	ORGANOPHOSPHORUS PESTICIDES	0.2 - 1	12 - 240	tol/acet	GC-FPD	OVS-2
Fibrous glass	7400	ASBESTOS & other FIBERS by PCM	0.5 - 16	400-varies	-	PCM	MCEF
Fluoranthene	5506	POLYNUCLEAR AROMATIC HYDROCARBONS by HPLC	2.0	200 - 1000	acetonitrile	HPLC-FL/UV	PTFE & XAD-2
Fluoranthene	5515	POLYNUCLEAR AROMATIC HYDROCARBONS	2.0	200 - 1000	varies	GC-FID	PTFE & XAD-2
Fluorene	5506	POLYNUCLEAR AROMATIC HYDROCARBONS by HPLC	2.0	200 - 1000	acetonitrile	HPLC-FL/UV	PTFE & XAD-2
Fluorene	5515	POLYNUCLEAR AROMATIC HYDROCARBONS	2.0	200 - 1000	varies	GC-FID	PTFE & XAD-2
Fluorides	7902	FLUORIDES, aerosol & gas	1 - 2	12 - 800	NaOH	ISE	MCEF & pad w/ Na_2CO_3
Fluorides	7906	FLUORIDES by IC	1 - 2	s 1 - 800 i 120 - 800	NaOH	IC	MCEF & pad w/ Na_2CO_3
Fluorotrichloromethane	1006	FLUOROTRICHLOROMETHANE	0.01 - 0.05	0.3 - 7	CS_2	GC-FID	CCT (lg)
Fonofos	5600	ORGANOPHOSPHORUS PESTICIDES	0.2 - 1.0	12 - 240	tol/acet	GC-FPD	OVS-2
Formaldehyde	2016	FORMALDEHYDE	0.1 - 1.5	1 - 15	acetonitrile	HPLC-UV	SG/DNPH
Formaldehyde	2541	FORMALDEHYDE	0.01 - 0.1	1 - 36	tol	GC-FID	XAD-2/HMP
Formaldehyde	3500	FORMALDEHYDE	0.2 - 1.0	1 - 100	$NaHSO_3$	VIS	PTFE & 2 IMP
Formaldehyde	2539	ALDEHYDES, SCREENING	0.01 - 0.05	5 - 5	tol	GC-FID/MS	XAD-2/HMP
Formaldehyde	3800	ORGANIC and INORGANIC GASES by EXTRACTIVE FTIR SPECTROMETRY	0.1 - 2.0	Instr. dep.	NA	FTIR	Dir. Read
Formaldehyde	5700	FORMALDEHYDE on dust	2	240 - 1050	H_2O/DNPH/CH_3CN	HPLC-UV	IOM/PVC
Formetanate.HCl	5601	ORGANONITROGEN PESTICIDES	0.1 - 1	var-480	reagent	HPLC, UV	OVS-2
Formic acid	2011	FORMIC ACID	0.05 - 0.2	1 - 24	H_2O	IC	PTFE & SG (washed)
Furfural	2529	FURFURAL	0.01 - 0.05	1 - 12	tol	GC-FID	XAD-2/HMP
Furfural	2539	ALDEHYDES, SCREENING	0.05	5 - 5	tol	GC-FID/MS	XAD-2/HMP

Chemical	Meth No.	Method Name	Flow Rate (L/min)	Vol. (L) min max	Extraction	Analytical Technique	Sampler
Furfuryl alcohol	2505	FURFURYL ALCOHOL	0.01 - 0.05	3 - 25	acet	GC–FID	Por Q
Gallium	7303	ELEMENTS by ICP (HOT BLOCK/HCl/HNO_3 DIGESTION)	1 - 4	See Table	HCl/HNO_3	ICP-AES	MCEF
Glutaraldehyde	2532	GLUTARALDEHYDE	0.01 - 0.08	4 - 39	CH_3CN	HPLC–UV	SG/DNPH
Glycerin mist	0500	PARTICULATES N.O.R.	1 - 2	7 - 133	NA	Grav	PVC
Glycidol	1608	GLYCIDOL	0.01 - 1.0	5 - 100	THF	GC–FID	CCT
Glycols	5523	GLYCOLS	0.5 - 2	5 - 60	MeOH	GC–FID	OVS–7
Gold	7303	ELEMENTS by ICP (HOT BLOCK/HCl/HNO_3 DIGESTION)	1 - 4	See Table	HCl/HNO_3	ICP-AES	MCEF
Heptanal	2539	ALDEHYDES, SCREENING	0.01 - 0.05	5 - 5	tol	GC–FID/MS	XAD–2/HMP
n–Heptane	2549	VOLATILE ORGANIC CPDS (Screening)	0.01 - 0.05	1 - 6	thermal	TD/GC–MS	TD
n–Heptane	1500	HYDROCARBONS, BP 36–216°C	0.01 - 0.2	NA	CS_2	GC–FID	CCT
2-Heptanone	2553	KETONES II	0.01 - 0.2	1 - 25	IPA-CS_2	GC-FID	A-CMS
3-Heptanone	2553	KETONES II	0.01 - 0.2	1 - 25	IPA-CS_2	GC-FID	A-CMS
Herbicides	5602	CHLORINATED ORGANONITROGEN HERBICIDES (AIR SAMPLING)	0.2 - 1	12 - 480	reagent	GC/ECD	OVS-2
Herbicides	9200	CHLORINATED ORGANONITROGEN HERBICIDES (HAND WASH)	NA	NA	NA	GC-ECD	polyethylene bag
Herbicides	9201	CHLORINATED ORGANONITROGEN HERBICIDES (DERMAL PATCH))	NA	NA	IPA/diazomethane	GC-ECD	PUF pad
Hexachlorobutadiene	2543	HEXACHLOROBUTADIENE	0.05 - 0.2	1 - 100	hexane	GC–ECD	XAD–2
Hexachloro–1,3–cyclo pentadiene	2518	HEXACHLORO–1,3–CYCLOPENTA DIENE	0.01 - 0.2	0.25 - 90	hexane	GC–ECD	2 Por T
Hexachloroethane	1003	HYDROCARBONS, HALOGENATED	0.01 - 0.2	3 - 70	CS_2	GC–FID	CCT
Hexamethylene–diisocyanate	5522	ISOCYANATES	1 - 2	15 - 360	tryptamine/DMSO	HPLC–FL	IMP
1,6-Hexamethylene–diisocyanate	5521	ISOCYANATES, MONOMERIC	1.0	5 - 500	reagents	HPLC–ECHD	IMP
1,6-Hexamethylene diisocyanate (HDI)	5525	ISOCYANATES, TOTAL (MAP)	1 - 2	1 - 500	MAP	HPLC/UV	GFF, IMP
Hexanal	2539	ALDEHYDES, SCREENING	0.01 - 0.05	5 - 5	tol	GC–FID/MS	XAD–2/HMP
Hexanal	2549	VOLATILE ORGANIC CPDS (Screening)	0.01 - 0.05	1 - 6	thermal	TD/GC–MS	TD
n–Hexane	2549	VOLATILE ORGANIC CPDS (Screening)	0.01 - 0.05	1 - 6	thermal	TD/GC–MS	TD
n–Hexane	1500	HYDROCARBONS, BP 36–216°C	0.01 - 0.2	4 - 4	CS_2	GC–FID	CCT
n-Hexane	3800	ORGANIC and INORGANIC GASES by EXTRACTIVE FTIR SPECTROMETRY	0.1 - 2.0	Instr. dep.	NA	FTIR	Dir. Read
2–Hexanone	1300	KETONES I	0.01 - 1.0	1 - 10	CS_2	GC–FID	CCT
2-Hexanone	2555	KETONES I	0.01 - 0.2	1 - 10	CS_2	GC-FID	A-CMS
Hippuric acid	8301	HIPPURIC and METHYL HIPPURIC ACID in urine	NA	NA	Etac	HPLC-UV	NA
Hydrazine	3503	HYDRAZINE	0.2 - 1.0	7 - 100	reagents	VIS	BuB
Hydrogen bromide	7903	ACIDS, INORGANIC	0.2 - 0.5	3 - 100	HCO_3^-/CO_3^{2-}	IC	SG
Hydrogen chloride	7903	ACIDS, INORGANIC	0.2 - 0.5	3 - 100	HCO_3^-/CO_3^{2-}	IC	SG
Hydrogen cyanide	6010	HYDROGEN CYANIDE	0.05 - 0.2	2 - 90	H_2O	VIS	soda lime
Hydrogen cyanide	6017	HYDROGEN CYANIDE	0.05 - 2	2 - 90	H_2O	IC-DC Amp	SL

Chemical	Meth No.	Method Name	Flow Rate (L/min)	Vol. (L) min max	Extraction	Analytical Technique	Sampler
Hydrogen cyanide	7904	CYANIDES, AEROSOL & GAS	0.5 - 1.0	7 - 100	KOH	ISE	MCEF
Hydrogen flouride	7903	ACIDS, INORGANIC	0.2 - 0.5	3 - 100	HCO_3^-/CO_3^{2-}	IC	SG
Hydrogen flouride	7902	FLUORIDES, AEROSOL & GAS	1 - 2	12 - 800	NaOH	ISE	MCEF & pad w/Na_2CO_3
Hydrogen flouride	7906	FLUORIDES by IC	1 - 2	1 - 800	NaOH	IC	MCEF & pad w/Na_2CO_3
Hydrogen sulfide	6013	HYDROGEN SULFIDE (withdrawn)	0.1 - 1.5	1.2 - 40	NH_4OH/H_2O_2	IC	PTFE & CCT (lg)
Hydroquinone	5004	HYDROQUINONE	1 - 4	30 - 180	acetic acid	HPLC-UV	MCEF
Indeno[1,2,3-cd]pyrene	5506	POLYNUCLEAR AROMATIC HYDROCARBONS by HPLC	2.0	200 - 1000	acetonitrile	HPLC-FL/UV	PTFE & XAD-2
Indeno [1,2,3-cd] pyrene	5515	POLYNUCLEAR AROMATIC HYDROCARBONS	2.0	200 - 1000	varies	GC-FID	PTFE & XAD-2
Iodine	6005	IODINE	0.5 - 1.0	15 - 225	Na_2CO_3	IC	CCT w/alkali
Indium	7303	ELEMENTS by ICP (HOT BLOCK/HCl/HNO_3 DIGESTION)	1 - 4	See Table	HCl/HNO_3	ICP-AES	MCEF
Iron	9102	ELEMENTS on WIPES	NA	NA	NA	ICP-AES	Wipe
Iron	7301	ELEMENTS by ICP (AQUA REGIA ASHING)	1 - 4	5 - 100	HCl/HNO_3	ICP-AES	MCEF
Iron	7303	ELEMENTS by ICP (HOT BLOCK/HCl/HNO_3 DIGESTION)	1 - 4	See Table	HCl/HNO_3	ICP-AES	MCEF
Iron	7300	ELEMENTS by ICP	1 - 4	5 - 100	$HNO_3/HClO_4$	ICP-AES	MCEF
Isoamyl acetate	1450	ESTERS I	0.01 - 0.2	1 - 10	CS_2	GC-FID	CCT
Isoamyl alcohol	1402	ALCOHOLS III	0.01 - 0.2	1 - 10	IPA/CS_2	GC-FID	CCT
Isoamyl alcohol	1405	ALCOHOLS COMBINED	0.01 - 0.2	1 - 10	IPA-CS_2	GC-FID	CCT
Isobutyl acetate	1450	ESTERS I	0.01 - 0.2	1 - 10	CS_2	GC-FID	CCT
Isobutyl alcohol	1401	ALCOHOLS II	0.01 - 0.2	2 - 10	IPA/CS_2	GC-FID	CCT
Isobutyl alcohol	1405	ALCOHOLS COMBINED	0.01 - 0.2	2 - 10	IPA-CS_2	GC-FID	CCT
Isobutyraldehyde	2539	ALDEHYDES, SCREENING	0.01 - 0.05	5 - 5	tol	GC-FID/MS	XAD-2/HMP
Isocyanates	5521	ISOCYANATES, MONOMERIC	1.0	5 - 500	reagents	HPLC-ECHD	IMP
Isocyanates	5522	ISOCYANATES	1 - 2	15 - 360	tryptamine/DMSO	HPLC-FL/ECHD	IMP
Isophorone	2508	ISOPHORONE	0.01 - 1.0	2 - 25	CS_2	GC-FID	PCT
Isophorone	2556	ISOPHORONE	0.01 - 1	2 - 25	DEE	GC-FID	XAD
Isophorone diisocyanate (IPDI)	5525	ISOCYANATES, TOTAL (MAP)	1 - 2	1 - 500	MAP	HPLC/UV	GFF, IMP
Isopropyl acetate	1454	ISOPROPYL ACETATE	0.02 - 0.2	0.1 - 9	CS_2	GC-FID	CCT
Isopropyl acetate	1460	ISOPROPYL ACETATE	0.02 - 0.2	0.1 - 9	CS_2-Meth	GC-FID	CCT
Isopropyl alcohol	2549	VOLATILE ORGANIC CPDS (Screening)	0.01 - 0.05	1 - 6	thermal	TD/GC-MS	TD
Isopropyl alcohol	1400	ALCOHOLS I	0.01 - 0.2	0.2 - 3	2-butanone/CS_2	GC-FID	CCT
Isopropyl ether	1618	ISOPROPYL ETHER	0.01 - 0.05	0.1 - 3	CS_2	GC-FID	CCT
Isopropyl glycidyl ether	1620	ISOPROPYL GLYCIDYL ETHER	0.01 - 0.2	1 - 30	CS_2	GC-FID	CCT
Isovaleraldehyde	2018	ALIPHATIC ALDEHYDES	0.1 - 1.5	1 - 15	ACN	HPLC/UV	SG-DNPH
Isovaleraldehyde	2539	ALDEHYDES, SCREENING	0.01 - 0.05	5 - 5	tol	GC-FID/MS	XAD-2/HMP
Kepone	5508	KEPONE	0.5 - 1.0	50 - 600	bz/MeOH	GC-ECD	MCEF & IMP
Kerosene	1550	NAPHTHAS	0.01 - 0.2	1.3 - 20	CS_2	GC-FID	CCT

Chemical	Meth No.	Method Name	Flow Rate (L/min)	Vol. (L) min max	Extraction	Analytical Technique	Sampler
Lanthanum	7301	ELEMENTS by ICP (AQUA REGIA ASHING)	1 - 4	5 - 1000	HCl/HNO_3	ICP-AES	MCEF
Lanthanum	9102	ELEMENTS on WIPES	NA	NA	NA	ICP-AES	Wipe
Lead	7082	LEAD by FAAS	1 - 4	200 - 1500	HNO_3/H_2O_2	FAAS	MCEF
Lead	7702	LEAD BY FIELD PORTABLE XRF	1 - 4	570 - 1900	NA	XRF (port)	MCEF
Lead	7105	LEAD by GFAAS	1 - 4	1 - 1500	HNO_3/H_2O_2	GFAAS	MCEF
Lead	7701	LEAD BY ULTRASOUND/ASV	1 - 4	20 - 1500	HNO_3	Port ASV	MCEF
Lead	7300	ELEMENTS by ICP	1 - 4	1250 -2000	$HNO_3/HClO_4$	ICP-AES	MCEF
Lead	7700	LEAD in Air by Chemical Spot Test	2	10 - 240	-	Spot	MCEF
Lead	9100	LEAD in Surface Wipe Samples	NA	NA	$HNO_3/HClO_4$	AAS; ICP	Wipes
Lead	7301	ELEMENTS by ICP (AQUA REGIA ASHING)	1 - 4	50 - 2000	HCl/HNO_3	ICP-AES	MCEF
Lead	9102	ELEMENTS on WIPES	NA	NA	NA	ICP-AES	Wipe
Lead	7303	ELEMENTS by ICP (HOT BLOCK/HCl/HNO_3 DIGESTION)	1 - 4	See Table	HCl/HNO_3	ICP-AES	MCEF
Lead	9105	LEAD in DUST WIPES by Chemical Spot Test	NA	NA	NA	Spot	Wipe
Lead sulfide	7505	LEAD SULFIDE	1.7 or 2.2	600 - 1000	THF	XRD	CYC & PVC
Limonene	1552	TERPENES	0.01 - 0.2	2 - 30	CS_2	GC-FID	CCT
Limonene	2549	VOLATILE ORGANIC CPDS (Screening)	0.01 - 0.05	1 - 6	thermal	TD/GC-MS	TD
Lindane	5502	ALDRIN and LINDANE	0.2 - 1.0	18 - 240	isooctane	GC-ECN	GFF & BuB
Lithium	7300	ELEMENTS by ICP	1 - 4	100 - 2000	$HNO_3/HClO_4$	ICP-AES	MCEF
Lithium	7301	ELEMENTS by ICP (AQUA REGIA ASHING)	1 - 4	100 - 2000	HCl/HNO_3	ICP-AES	MCEF
Lithium hydroxide	7401	ALKALINE DUSTS	1 - 4	70 - 1000	HCl	Titration	PTFE
Magnesium	7300	ELEMENTS by ICP	1 - 4	5 - 67	$HNO_3/HClO_4$	ICP-AES	MCEF
Magnesium	7301	ELEMENTS by ICP (AQUA REGIA ASHING)	1 - 4	5 - 67	HCl/HNO_3	ICP-AES	MCEF
Magnesium	7303	ELEMENTS by ICP (HOT BLOCK/HCl/HNO_3 DIGESTION)	1 - 4	See Table	HCl/HNO_3	ICP-AES	MCEF
Malathion	5600	ORGANOPHOSPHORUS PESTICIDES	0.2 - 1	12 - 60	tol/acet	GC-FPD	OVS-2
Maleic Anhydride	3512	MALEIC ANHYDRIDE	0.2 - 1.5	40 - 500	H_2O	HPLC-UV	BuB
Maneb	3601	MANEB	NA	NA	NA	HPLC-UV	Hand wash
Maneb	3600	MANEB	NA	NA	Cys/EDTA	HPLC-UV	Patch
Manganese	7300	ELEMENTS by ICP	1 - 4	5 - 200	$HNO_3/HClO_4$	ICP-AES	MCEF
Manganese	9102	ELEMENTS on WIPES	NA	NA	NA	ICP-AES	Wipe
Manganese	7301	ELEMENTS by ICP (AQUA REGIA ASHING)	1 - 4	5 - 200	HCl/HNO_3	ICP-AES	MCEF
Manganese	7303	ELEMENTS by ICP (HOT BLOCK/HCl/HNO_3 DIGESTION)	1 - 4	See Table	HCl/HNO_3	ICP-AES	MCEF
MBK	1300	KETONES I	0.01 - 0.2	1 - 10	CS_2	GC-FID	CCT
MDI (4,4'-methylene-bisphenyl isocyanate)	5521	ISOCYANATES, MONOMERIC	1.0	5 - 500	reagents	HPLC-ECHD	IMP
MDI (4,4'-methylene-bisphenyl isocyanate)	5522	ISOCYANATES	1 - 2	15 - 360	tryptamine	HPLC-FL/ECHD	IMP
Mercury	6009	MERCURY	0.15 - 0.25	2 - 100	HNO_3/HCl	AAS-cold vap	Hopcalite

Chemical	Meth No.	Method Name	Flow Rate (L/min)	Vol. (L) min max	Extraction	Analytical Technique	Sampler
Mercaptans	2542	MERCAPTANS	0.1 - 0.2	10 - 150	HCl/DCE	GC–FPD	GFF/HgAc
Mesityl oxide	1301	KETONES II	0.01 - 0.2	1 - 25	MeOH/CS_2	GC–FID	CCT
Mesityl oxide	2553	KETONES II	0.01 - 0.2	1 - 25	IPA-CS_2	GC-FID	A-CMS
Metals in air	7300	ELEMENTS by ICP	1 - 4	var - 2000	HNO_3/$HClO_4$	ICP–AES	MCEF
Metalworking Fluids	5524	METALWORKING FLUIDS (MWF) ALL CATEGORIES	1.6 - 2.0	1000 - ND	DCM/MeOH/Tol MeOH	Grav	PTFE/CYC
Methanal	2016	FORMALDEHYDE	0.1 - 1.5	1 - 15	acetonitrile	HPLC-UV	SG/DNPH
Methamidophos	5600	ORGANOPHOSPHORUS PESTICIDES	0.2 - 1	12 - 240	tol/acet	GC–FPD	OVS–2
Methanol	2000	METHANOL	0.02 - 0.2	1 - 5	H_2O/IPA	GC-FID	SG
Methanol	2549	VOLATILE ORGANIC CPDS (Screening)	0.01 - 0.05	1 - 6	thermal	TD/GC–MS	TD
Methanol	3800	ORGANIC and INORGANIC GASES by EXTRACTIVE FTIR SPECTROMETRY	0.1 - 20	Instr. dep.	NA	FTIR	Dir. Read
Methiocarb	5601	ORGANONITROGEN PESTICIDES	0.1 - 1	var - 480	reagent	HPLC-UV	OVS-2
Methomyl	5601	ORGANONITROGEN PESTICIDES	0.1 - 1	var - 480	reagent	HPLC-UV	OVS-2
Metolachlor	5602	CHLORINATED ORGANONITROGEN HERBICIDES (AIR SAMPLING)	0.2 - 1	12 - 480	reagent	GC/ECD	OVS-2
Metolachlor	9200	CHLORINATED ORGANONITROGEN HERBICIDES (HAND WASH)	NA	NA	NA	GC-ECD	polyethylene bag
Metolachlor	9201	CHLORINATED ORGANONITROGEN HERBICIDES (DERMAL PATCH))	NA	NA	IPA/diazomethane	GC-ECD	PUF pad
2–Methoxyethyl acetate	1451	METHYL CELLOSOLVE ACETATE	0.01 - 0.2	0.2 - 20	CS_2	GC–FID	CCT
2–Methoxyethanol	1403	ALCOHOLS IV	0.01 - 0.05	6 - 50	MeOH/CH_2Cl_2	GC–FID	CCT
Methyl acetate	1458	METHYL ACETATE	0.01 - 0.2	0.2 - 10	CS_2	GC–FID	CCT
Methyl acrylate	1459	METHYL ACRYLATE	0.01 - 0.2	1 - 5	CS_2	GC–FID	CCT
Methyl acrylate	2552	METHYL ACRYLATE	0.01 - 0.2	1 - 5	CS_2	GC-FID	A-CMS
Methyl alcohol	2000	METHANOL	0.02 - 0.2	1 - 5	H_2O/IPA	GC–FID	SG
Methylal	1611	METHYLAL	0.01 - 0.2	1 - 3	hexane	GC–FID	CCT
4-Methylbenzenesulfonic acid	5043	*p*-TOLUENESULFONIC ACID	1 - 3	10 - 1000	IPA/H_20	HPLC-UV	GFF
N-Methyl-y-butyrolactone	1302	*N*-METHYL-2-PYRROLIDINONE	0.05 - 0.2	0.5 - 125	CH_2Cl_2/MeOH	GC-NPD or FID	CCT
Methyl–(n–amyl)–ketone	1301	KETONES II	0.01 - 0.2	1 - 25	MeOH/CS_2	GC–FID	CCT
Methylarsonic acid	5022	ARSENIC, ORGANO–	1 - 3	50 - 1000	buffer	IC–HYAAS	PTFE
Methyl bromide	2520	METHYL BROMIDE	0.01 - 0.1	1 - 5	CS_2	GC–AED	PCT(2)+drytube
Methyl cellosolve	1403	ALCOHOLS IV	0.01 - 0.05	6 - 50	MeOH/CH_2Cl_2	GC–FID	CCT
Methyl cellosolve acetate	1451	METHYL CELLOSOLVE ACETATE	0.01 - 0.2	0.2 - 20	CS_2	GC–FID	CCT
Methyl chloride	1001	METHYL CHLORIDE	0.01 - 0.1	0.4 - 3	CH_2Cl_2	GC–FID	2 CCT (lg+sm)
Methyl chloroform	1003	HYDROCARBONS, HALOGENATED	0.01 - 0.2	0.1 - 8	CS_2	GC–FID	CCT
Methyl chloroform	2549	VOLATILE ORGANIC CPDS (Screening)	0.01 - 0.05	1 - 6	thermal	TD/GC–MS	TD
Methyl cyanide	1606	ACETONITRILE	0.01 - 0.2	3 - 25	MECI/MEOH	GC–FID	CCT
Methyl cyclohexane	1500	HYDROCARBONS, BP 36–216°C	0.01 - 0.2	4 - 4	CS_2	GC–FID	CCT
Methylcyclohexanol	1404	METHYLCYCLOHEXANOL	0.01 - 0.2	1 - 15	CH_2Cl_2	GC–FID	CCT
Methylcyclohexanone	2521	METHYLCYCLOHEXANONE	0.01 - 0.05	1 - 6	acet	GC–FID	Por Q
4,4'-Methylene-bis (cyclo hexyl isocyanate) (HMDI)	5525	ISOCYANATES, TOTAL (MAP)	1 - 2	1 - 500	MAP	HPLC/UV	GFF, IMP

Chemical	Meth No.	Method Name	Flow Rate (L/min)	Vol. (L) min max	Extraction	Analytical Technique	Sampler
4,4-Methylene-bis (phenyl isocyanate) (MDI)	5525	ISOCYANATES, TOTAL (MAP)	1 - 2	1 - 500	MAP	HPLC/UV	GFF, IMP
Methylene chloride	1005	METHYLENE CHLORIDE	0.01 - 0.2	0.5 - 2.5	CS_2	GC-FID	2 CCT
Methylene chloride	2549	VOLATILE ORGANIC CPDS (Screening)	0.01 - 0.05	1 - 6	thermal	TD/GC–MS	TD
Methylene chloride	3800	ORGANIC and INORGANIC GASES by EXTRACTIVE FTIR SPECTROMETRY	0.1 - 20	Instr. dep.	NA	FTIR	Dir. Read
4,4'–Methylenedianiline	5029	4,4'–METHYLENEDIANILINE	1 - 2	10 - 1000	KOH/MeOH	HPLC–UV	GFF/H_2SO_4
4,4–Methylene diphenyl diisocyanate	5522	ISOCYANATES	1 - 2	15 - 360	tryptamine	HPLC–FL/ECHD	IMP
Methyl ethyl ketone	2549	VOLATILE ORGANIC CPDS (Screening)	0.01 - 0.05	1 - 6	thermal	TD/GC–MS	TD
Methyl ethyl ketone	2500	METHYL ETHYL KETONE	0.01 - 0.2	0.25 - 12	CS_2	GC–FID	Carbon beads
Methyl ethyl ketone	2555	KETONES I	0.01 - 0.2	1 - 10	CS_2	GC-FID	A-CMS
Methyl ethyl ketone peroxide	3508	METHYL ETHYL KETONE PEROXIDE	0.5 - 0.2	52 - 520	reagent	VIS	IMP
5–Methyl–3–heptanone	1301	KETONES II	0.01 - 0.2	1 - 25	MeOH/CS_2	GC–FID	CCT
5-Methyl-3-heptanone	2553	KETONES II	0.01 - 0.2	1 - 25	IPA-CS_2	GC-FID	A-CMS
Methyl hippuric acid	8301	HIPPURIC and METHYL HIPPURIC ACID in urine	NA	NA	Etac	HPLC-UV	NA
Methyl iodide	1014	METHYL IODIDE	0.01 - 1.0	15 - 50	tol	GC–FID	CCT
Methyl isoamyl acetate	1450	ESTERS I	0.01 - 0.2	1 - 10	CS_2	GC–FID	CCT
Methyl isobutyl carbinol	1402	ALCOHOLS III	0.01 - 0.2	1 - 10	IPA/CS_2	GC–FID	CCT
Methyl isobutyl carbinol	1405	ALCOHOLS COMBINED	0.01 - 0.2	1 - 10	IPA-CS_2	GC-FID	CCT
Methyl isobutyl ketone	2549	VOLATILE ORGANIC CPDS (Screening)	0.01 - 0.05	1 - 6	thermal	TD/GC–MS	TD
Methyl isobutyl ketone	1300	KETONES I	0.01 - 0.2	1 - 10	CS_2	GC–FID	CCT
Methyl isobutyl ketone	2555	KETONES I	0.01 - 0.2	1 - 10	CS_2	GC-FID	A-CMS
Methyl mercaptan	2542	MERCAPTANS	0.1 - 0.2	10 - 150	HCl/DCE	GC–FPD	GFF/HgAc
Methyl methacrylate	2537	METHYL and ETHYL METHACRYLATE	0.01 - 0.05	1 - 8	CS_2	GC–FID	XAD
Methyl parathion	5600	ORGANOPHOSPHORUS PESTICIDES	0.2 - 1	12 - 240	tol/acet	GC–FPD	OVS–2
Methyl phenol	2549	VOLATILE ORGANIC CPDS (Screening)	0.01 - 0.05	1 - 6	thermal	TD/GC–MS	TD
N-methyl-2-pyrrolidinone	1302	*N*-METHYL-2-PYRROLIDINONE	0.05 - 0.2	0.5 - 125	CH_2Cl_2/MeOH	GC-NPD or FID	CCT
α–Methyl styrene	1501	HYDROCARBONS, AROMATIC	0.01 - 0.2	1 - 30	CS_2	GC–FID	CCT
β-Methylstyrene	1501	HYDROCARBONS, AROMATIC	0.01 - 0.2	1 - 30	CS_2	GC-FID	CCT
Methyl *tert*–butyl ether	1615	METHYL *tert*–BUTYL ETHER	0.1 - 0.2	2 - 96	CS_2	GC–FID	2 CCT (lg)
Methyltin chloride	5526	METHYLTIN CHLORIDES	0.25 - 1	15 - 75	AAA	GC-FPD	OVS
Mevinphos	5600	ORGANOPHOSPHORUS PESTICIDES	0.2 - 1.0	12 - 240	tol/acet	GC–FPD	OVS–2
Mineral spirits	1550	NAPHTHAS	0.01 - 0.2	1.3 - 20	CS_2	GC–FID	CCT
Molybdenum	7300	ELEMENTS by ICP	1 - 4	5 - 67	HNO_3/$HClO_4$	ICP–AES	MCEF
Molybdenum	7301	ELEMENTS by ICP (Aqua Regia Ashing)	1 - 4	5 - 67	HCl/HNO_3	ICP-AES	MCEF
Molybdenum	7303	ELEMENTS by ICP (Hot Block/HCl/ HNO_3 Digestion)	1 - 4	See Table	HCl/HNO_3	ICP-AES	MCEF
Molybdenum	9102	ELEMENTS on WIPES	NA	NA	NA	ICP-AES	Wipe
Monocrotophos	5600	ORGANOPHOSPHORUS PESTICIDES	0.2 - 1	12 - 240	tol/acet	GC–FPD	OVS–2

Chemical	Meth No.	Method Name	Flow Rate (L/min)	Vol. (L) min max	Extraction	Analytical Technique	Sampler
Monomethylaniline	3511	MONOMETHYLANILINE	0.2 - 1.0	11 - 100	NaOH	GC–FID	BuB/H_2SO_4
Monomethylhydrazine	3510	MONOMETHYLHYDRAZINE	0.5 - 1.5	3 - 20	PMA/HCl	VIS	BuB/HCl
Mycobacterium	0900	MYCOBACTERIUM TUBERCULOSIS	≥4	varies	PCR	reagent	PTFE
Naphtha (coal tar)	1550	NAPHTHAS	0.01 - 0.2	1.3 - 20	CS_2	GC–FID	CCT
Naphthalene	1501	HYDROCARBONS, AROMATIC	0.01 - 1.0	100 - 200	CS_2	GC–FID	CCT
Naphthalene	5506	POLYNUCLEAR AROMATIC HYDROCARBONS by HPLC	2.0	200 - 1000	acetonitrile	HPLC–FL/UV	PTFE & XAD–2
Naphthalene	5515	POLYNUCLEAR AROMATIC HYDROCARBONS	2.0	200 - 1000	varies	GC-FID	PTFE & XAD–2
1,5-Naphthalene diisocyanate (NDI)	5525	ISOCYANATES, TOTAL (MAP)	1 - 2	1 - 500	MAP	HPLC-UV	GFF, IMP
Naphthylamines	5518	NAPHTHYLAMINES	0.2 - 0.8	30 - 100	acetic a /IPA	GC–FID	GFF & SG
Neodymium	7303	ELEMENTS by ICP (Hot Block/HCl/ HNO_3 Digestion)	1 - 4	See Table	HCl/HNO_3	ICP-AES	MCEF
Nickel	7300	ELEMENTS by ICP	1 – 4	25 - 1000	HNO_3/$HClO_4$	ICP–AES	MCEF
Nickel	7301	ELEMENTS by ICP (Aqua Regia Ashing)	1 - 4	5 - 1000	HCl/HNO_3	ICP-AES	MCEF
Nickel	7303	ELEMENTS by ICP (Hot Block/HCl/ HNO_3 Digestion)	1 - 4	See Table	HCl/HNO_3	ICP-AES	MCEF
Nickel	9102	ELEMENTS on WIPES	NA	NA	NA	ICP-AES	Wipe
Nickel carbonyl	6007	NICKEL CARBONYL	0.05 - 0.2	7 - 80	HNO_3	GFAAS	CCT (low Ni)
Nicotine	2544	NICOTINE	1.0	60 - 400	EtAc	GC–NPD	XAD–2
Nicotine	2551	NICOTINE	0.1 - 1.0	0.5 - 600	ethyl acetate	GC-NPD	XAD-4
Nitric acid	7903	ACIDS, INORGANIC	0.2 - 0.5	3 - 100	HCO_3^-/CO_3^{2-}	IC	SG (washed)
Nitric oxide	6014	NITRIC OXIDE & NITROGEN DIOXIDE	0.025	1.5 - 6	reagent	VIS	MS w/TEA & oxidizer
p–Nitroaniline	5033	*p*–NITROANILINE	1 - 3	20	IPA	HPLC–UV	MCEF
Nitrobenzene	2005	NITROAROMATIC COMPOUNDS	0.01 - 1	10 - 150	MeOH	GC–FID	SG
Nitrobenzene	2017	ANILINE, o-TOLUIDINE, AND NITROBENZENE	0.2	5 - 50	ethanol	GC-FID	GFF + SG
Nitrobenzol	2017	ANILINE, o-TOLUIDINE, AND NITROBENZENE	0.2	5 - 50	ethanol	GC-FID	GFF + SG
p–Nitrochlorobenzene	2005	NITROAROMATIC COMPOUNDS	0.01 - 1	1 - 150	MeOH	GC–FID	SG
Nitroethane	2526	NITROETHANE	0.01 - 0.05	1.5 - 3	EtAc	GC–FID	2XAD–2
Nitrogen dioxide	6014	NITRIC OXIDE & NITROGEN DIOXIDE	0.025 - 0.2	1.5 - 6	reagent	VIS	MS w/TEA
Nitrogen dioxide	6700	NITROGEN DIOXIDE	NA	NA	reagent	VIS	Diffusive
Nitrogen peroxide	6700	NITROGEN DIOXIDE	NA	NA	reagent	VIS	Diffusive
Nitroglycerin	2507	NITROGLYCERIN & ETHYLENE GLYCOL DINITRATE	0.2 - 1.0	3 - 100	ethanol	GC–ECD	Tenax–GC
Nitromethane	2527	NITROMETHANE	0.01 - 0.05	1.2 - 3	EtAc	GC–FPD	Chrom 106
2–Nitropropane	2528	2–NITROPROPANE	0.01 - 0.05	0.1 - 2	EtAc	GC–FID	Chrom 106
1-Nitropyrene	2560	1-NITROPYRENE in DIESEL PARTICULATES	1.0 - 2.0	480 - 960	Tol	GC/NCD	GFF
Nitrosamines	2522	NITROSAMINES	0.2 - 2.0	15 - 1000	MeOH/CH_2Cl_2	GC–TEA	TD tube
o-,*m*-, *p*-Nitrotoluene	2005	NITROAROMATIC COMPOUNDS	0.01 - 0.2	1 - 30	MeOH	GC–FID	SG
Nitrous oxide	3800	ORGANIC and INORGANIC GASES by EXTRACTIVE FTIR SPECTROMETRY	0.1 - 20	Instr. dep.	NA	FTIR	Dir. Read

Chemical	Meth No.	Method Name	Flow Rate (L/min)	Vol. (L) min max	Extraction	Analytical Technique	Sampler
Nitrous oxide	6600	NITROUS OXIDE	NA	80% vol	NA	IR	air bag
n-Nonane	1500	HYDROCARBONS, BP 36-216°C	0.01 - 0.2	4 - 4	CS_2	GC-FID	CCT
NMP	1302	N-Methyl-2-Pyrrolidinone	0.05 - 0.2	0.5 - 125	CH_2Cl_2/MeOH	GC-FID/NPD	CCT
Nuisance dusts	0500	PARTICULATES N.O.R.	1 - 2	7 - 133	NA	GRAV	PVC
n-Octane	2549	VOLATILE ORGANIC CPDS (Screening)	0.01 - 0.05	1 - 6	thermal	TD/GC-MS	TD
n-Octane	1500	HYDROCARBONS, BP 36-216°C	0.01 - 0.2	4 - 4	CS_2	GC-FID	CCT
Octamethylcyclotetra-siloxane	2549	VOLATILE ORGANIC CPDS (Screening)	0.01 - 0.05	1 - 6	thermal	TD/GC-MS	TD
1-Octanethiol	2510	1-OCTANETHIOL	0.01 - 0.2	1 - 15	acet	GC-FPD	Tenax GC
Oil mist (mineral)	5026	OIL MIST, MINERAL	1 - 3	20 - 500	CCl_4	IR	PVC or MCE
Organonitrogen pesticides	5601	ORGANONITROGEN PESTICIDES	0.1 - 1	varies-480	reagent	HPLC-UV	OVS-2
Organophosphorus Pesticides	5600	ORGANOPHOSPHORUS PESTICIDES	0.2 - 1	12 - 240	tol/acet	GC-FPD	OVS-2
Oxamyl	5601	ORGANONITROGEN PESTICIDES	0.1 - 1	var - 480	reagent	HPLC, UV	OVS-2
Oxygen	6601	OXYGEN	NA	1 - NA	NA	Sensor	portable
PAC	5800	POLY AROMATIC COMPOUNDS, TOTAL (PACs)	1 - 2	5 - 1000	hexane	FI-FL	PTFE + XAD-2
Palladium	7303	ELEMENTS by ICP (Hot Block/HCl/ HNO_3 Digestion)	1 - 4	See Table	HCl/HNO_3	ICP-AES	MCEF
Paraquat	5003	PARAQUAT	1 - 4	40 - 1000	H_2O	HPLC-UV	PTFE
Parathion	5600	ORGANOPHOSPHORUS PESTICIDES	0.2 - 1.0	12 - 240	tol/acet	GC-FPD	OVS-2
Particulates N.O.R.	0500	PARTICULATES N.O.R., TOTAL	1 - 2	7 - 133	NA	GRAV	PVC
Particulates N.O.R.	0600	PARTICULATES, N.O.R, RESPIRABLE	1.7, 2.2, 2.5	20 - 400	NA	Grav.	CYC & PVC
Pentachlorobenzene	5517	POLYCHLOROBENZENES	0.01 - 0.2	3 - 12	hexane	GC-ECD	PTFE & XAD-2
Pentachloroethane	2517	PENTACHLOROETHANE	0.01 - 0.2	1 - 10	hexane	GC-ECD	Por R
Pentachlorophenol	5512	PENTACHLOROPHENOL	0.5 - 1.0	48 - 480	MeOH	HPLC-UV	MCEF & BuB
Pentamidine	5032	PENTAMIDINE ISETHIONATE	1 - 2	50 - 1500	reagents	HPLC/FL	PVC/opaque
n-Pentane	2549	VOLATILE ORGANIC CPDS (Screening)	0.01 - 0.05	1 - 6	thermal	TD/GC-MS	TD
n-Pentane	1500	HYDROCARBONS, BP 36-216°C	0.01 - 0.2	4 - 4	CS_2	GC-FID	CCT
2-Pentanone	1300	KETONES I	0.01 - 2.0	1 - 10	CS_2	GC-FID	CCT
2-Pentanone	2555	KETONES I	0.01 - 0.2	1 - 10	CS_2	GC-FID	A-CMS
Perchloroethylene	3704	PERCHLOROETHYLENE (port GC) in exhaled breath and air	0.02 - 5	<80% cap	NA	GC (port)-PID	air bag
Perchloroethylene	2549	VOLATILE ORGANIC CPDS (Screening)	0.01 - 0.05	1 - 6	thermal	TD/GC-MS	TD
Pesticides	5600	ORGANOPHOSPHORUS PESTICIDES	0.2 - 1	12 - 240	tol/acet	GC-FPD	OVS-2
Pesticides	5601	ORGANONITROGEN PESTICIDES	0.1 - 1	var - 480	reagent	HPLC-UV	OVS-2
Petroleum ether/naphtha	1550	NAPHTHAS	0.01 - 0.2	1.3 - 20	CS_2	GC-FID	CCT
Phenanthrene	5506	POLYNUCLEAR AROMATIC HYDROCARBONS by HPLC	2.0	200 - 1000	acetonitrile	HPLC-FL/UV	PTFE & XAD-2
Phenanthrene	5515	POLYNUCLEAR AROMATIC HYDROCARBONS	2.0	200 - 1000	varies	GC-FID	PTFE & XAD-2
Phenol	2549	VOLATILE ORGANIC CPDS (Screening)	0.01 - 0.05	1 - 6	thermal	TD/GC-MS	TD

Chemical	Meth No.	Method Name	Flow Rate (L/min)	Vol. (L) min max	Extraction	Analytical Technique	Sampler
Phenol	2546	CRESOLS and PHENOL	0.01 - 0.1	1 - 24	MeOH	GC–FID	XAD–7
Phenyl ether	1617	PHENYL ETHER	0.01 - 0.2	1 - 50	CS_2	GC–FID	CCT
Phenyl ether–diphenyl mixture	2013	PHENYL ETHER–DIPHENYL MIXTURE	0.01 - 0.2	1 - 40	bz	GC–FID	SG
Phenyl glycidyl ether	1619	PHENYL GLYCIDYL ETHER	0.01 - 1	80 - 150	CS_2	GC–FID	CCT
Phenylhydrazine	3518	PHENYLHYDRAZINE	0.2 - 1.0	25 - 120	PMA	VIS	BuB/HCl
Phorate	5600	ORGANOPHOSPHORUS PESTICIDES	0.2 - 1	12 - 240	tol/acet	GC–FPD	OVS–2
Phosdrin (mevinphos)	5600	ORGANOPHOSPHORUS PESTICIDES	0.2 - 1	12 - 480	tol/acet	GC–FPD	OVS–2
Phosphine	6002	PHOSPHINE	0.01 - 0.2	1 - 16	reagent	VIS	SG/$Hg(CN)_2$
Phosphoric acid	7903	ACIDS, INORGANIC	0.2 - 0.5	3 - 100	HCO_3^-/CO_3^{2-}	IC	SG (washed)
Phosphorus	7300	ELEMENTS by ICP	1 - 4	50 - 2000	$HNO_3/HClO_4$	ICP–AES	MCEF
Phosphorus	7905	PHOSPHORUS	0.01 - 0.2	5 - 100	xylene	GC–FPD	Tenax GC
Phosphorus	7301	ELEMENTS by ICP (Aqua Regia Ashing)	1 - 4	25 - 2000	HCl/HNO_3	ICP-AES	MCEF
Phosphorus	7303	ELEMENTS by ICP (Hot Block/HCl/ HNO_3 Digestion)	1 - 4	See Table	HCl/HNO_3	ICP-AES	MCEF
Phosphorus	9102	ELEMENTS on WIPES	NA	NA	NA	ICP-AES	Wipe
Phosphorus trichloride	6402	PHOSPHORUS TRICHLORIDE	0.05 - 0.2	11 - 100	reagents	VIS	BuB/H_2O
Pinene	1552	TERPENES	0.01 - 0.2	2 - 30	CS_2	GC–FID	CCT
Pinene	2549	VOLATILE ORGANIC CPDS (Screening)	0.01 - 0.05	1 - 6	thermal	TD/GC–MS	TD
Platinum	7300	ELEMENTS by ICP	1 - 4	13 - 2000	$HNO_3/HClO_4$	ICP–AES	MCEF
PAH	5506	POLYNUCLEAR AROMATIC HYDROCARBONS	2.0	200 - 1000	varies	HPLC–FL/UV	PTFE & XAD–2
Polyacrylate	5035	SUPER ABSORBENT POLYMER	1 - 2	50 - 1500	$Cu(Ac)_2$	ICP or AAS	PVC
PACs	5800	POLYCYCLIC AROMATIC COMPOUNDS, TOTAL	1 - 2	5 - 1000	hexane	FI-FL	
Platinum	7303	ELEMENTS by ICP (Hot Block/HCl/ HNO_3 Digestion)	1 - 4	See Table	HCl/HNO_3	ICP-AES	MCEF
Polychlorobiphenyl (42% & 54% Cl)	5503	POLYCHLOROBIPHENYLS	0.05 - 0.2	1 - 50	hexane	GC–ECD	GFF & Florisil
Potassium	7301	ELEMENTS by ICP (Aqua Regia Ashing)	1 - 4	5 - 1000	HCl/HNO_3	ICP-AES	MCEF
Potassium	7303	ELEMENTS by ICP (Hot Block/HCl/ HNO_3 Digestion)	1 - 4	See Table	HCl/HNO_3	ICP-AES	MCEF
Potassium hydroxide	7401	ALKALINE DUSTS	1 - 4	70 - 1000	HCl	titration	PTFE
Progesterone	5044	ESTROGENIC COMPOUNDS	1	150 - 1000	Meth	HPLC-UV	PTFE
Propazine	8315	TRIAZINE HERBICIDES and their METABOLITES	NA	NA	NA	GC-MSD	Urine
Propham	5601	ORGANONITROGEN PESTICIDES	0.1 - 1	var - 480	reagent	HPLC, UV	OVS-2
Propionaldehyde	2539	ALDEHYDES, SCREENING	0.01 - 0.05	5 - 5	tol	GC–FID/MS	XAD–2/HMP
Propionaldehyde	2018	ALIPHATIC ALDEHYDES	0.1 - 1.5	1 - 15	ACN	HPLC-UV	SG-DNPH
Propoxur	5601	ORGANONITROGEN PESTICIDES	0.1 - 1	var - 480	reagent	HPLC, UV	OVS-2
n–Propyl acetate	1450	ESTERS I	0.01 - 0.2	1 - 10	CS_2	GC–FID	CCT
n–Propyl alcohol	1401	ALCOHOLS II	0.01 - 0.2	1 - 10	IPA/CS_2	GC–FID	CCT
n-Propyl alcohol	1405	ALCOHOLS COMBINED	0.01 - 0.2	1 - 10	IPA-CS_2	GC-FID	CCT
Propylene dichloride	1013	PROPYLENE DICHLORIDE	0.01 - 0.2	0.1 - 3.5	acet/cychex	GC–ECN	PCT

Chemical	Meth No.	Method Name	Flow Rate (L/min)	Vol. (L) min max	Extraction	Analytical Technique	Sampler
Propylene glycol	5523	GLYCOLS	0.5 - 2	5 - 60	MeOH	GC–FID	OVS–7
Propylene glycol monomethyl ether	2554	GLYCOL ETHERS	0.1 - 0.2	3 - 25	$MeCl_2$/Meth	GC-FID	A-747
Propylene glycol monomethyl ether acetate	2554	GLYCOL ETHERS	0.1 - 0.2	3 - 25	$MeCl_2$/Meth	GC-FID	A-747
Propylene oxide	1612	PROPYLENE OXIDE	0.01 - 0.2	0.5 - 5	CS_2	GC–FID	CCT
Pyrene	5506	POLYNUCLEAR AROMATIC HYDROCARBONS by HPLC	2.0	200 - 1000	acetonitrile	HPLC–FL/UV	PTFE & XAD–2
Pyrene	5515	POLYNUCLEAR AROMATIC HYDROCARBONS	2.0	200 - 1000	varies	GC–FID	PTFE & XAD–2
Pyrethrum	5008	PYRETHUM	1 - 4	20 - 400	CH_3CN	HPLC–UV	GFF
Pyridine	1613	PYRIDINE	0.01 - 1.0	18 - 150	CH_2Cl_2	GC–FID	CCT
Resorcinol	5701	RESORCINOL	0.2 - 1	5 - 160	MeOH	GC-FID	OVS-7
Ribavirin	5027	RIBAVIRIN	1 - 4	5 - 1000	H_2SO_4	HPLC–UV	GFF
Ronnel	5600	ORGANOPHOSPHORUS PESTICIDES	0.2 - 1	12 - 60	tol/acet	GC–FPD	OVS–2
Rotenone	5007	ROTENONE	1 - 4	8 - 400	CH_3CN	HPLC–UV	PTFE
Rubber solvent	1550	NAPHTHAS	0.01 - 0.2	1.3 - 20	CS_2	GC–FID	CCT
Selenium	7300	ELEMENTS by ICP	1 - 4	5 - 2000	HNO_3/$HClO_4$	ICP–AES	MCEF
Selenium	7301	ELEMENTS by ICP (Aqua Regia Ashing)	1 - 4	13 - 2000	HCl/HNO_3	ICP-AES	MCEF
Selenium	7303	ELEMENTS by ICP (Hot Block/HCl/ HNO_3 Digestion)	1 - 4	See Table	HCl/HNO_3	ICP-AES	MCEF
Selenium	9102	ELEMENTS on WIPES	NA	NA	NA	ICP-AES	Wipe
Silica, amorphous	7501	SILICA, AMORPHOUS	1.7 or 2.2	50 - 400	ash	XRD	PVC (total) PVC&CYC
Silica, crystalline	7500	SILICA, CRYSTALLINE, by XRD	1.7, 2.2, 2.5	400 - 1000	ash or THF	XRD	CYC & PVC
Silica, crystalline	7601	SILICA, CRYSTALLINE	1.7, 2.2, 2.5	400 - 800	H_3PO_4/HF	VIS	CYC & MCE or PVC
Silica, crystalline	7602	SILICA, CRYSTALLINE (IR)	1.7, 2.2, 2.5	400 - 800	ash	IR	CYC & MCE or PVC
Silicon dioxide	7500	SILICA, CRYSTALLINE, by XRD.	1.7, 2.2, 2.5	400 - 1000	ash or THF	XRD	CYC & PVC
Silica in coal mine dust	7603	QUARTZ in coal mine dust	1.7, 2.2, 2.5	300 - 1000	ash	IR	CYC & PVC
Silver	7300	ELEMENTS by ICP	1 - 4	250 - 2000	HNO_3+	ICP–AES	MCEF
Silver	7301	ELEMENTS by ICP (Aqua Regia Ashing)	1 - 4	250 - 2000	HCl/HNO_3	ICP-AES	MCEF
Silver	9102	ELEMENTS on WIPES	NA	NA	NA	ICP-AES	Wipe
Simazine	5602	CHLORINATED ORGANONITROGEN HERBICIDES (AIR SAMPLING)	0.2 - 1	12 - 480	reagent	GC/ECD	OVS-2
Simazine	9200	CHLORINATED ORGANONITROGEN HERBICIDES (HAND WASH)	NA	NA	NA	GC-ECD	polyethylene bag
Simazine	9201	CHLORINATED ORGANONITROGEN HERBICIDES (DERMAL PATCH))	NA	NA	IPA/diazomethane	GC-ECD	PUF pad
Sodium	7303	ELEMENTS by ICP (Hot Block/HCl/ HNO_3 Digestion)	1 - 4	See Table	HCl/HNO_3	ICP-AES	MCEF
Sodium hexafluoro–aluminate	7902	FLUORIDES, aerosol & gas	1 - 2	12 - 800	NaOH	ISE	MCEF& pad w/Na_2CO_3

Chemical	Meth No.	Method Name	Flow Rate (L/min)	Vol. (L) min max	Extraction	Analytical Technique	Sampler
Sodium hexafluoro-aluminate	7906	FLUORIDES by IC	1 - 2	120 - 800	NaOH	IC	MCEF& pad w/Na_2CO_3
Sodium hydroxide	7401	ALKALINE DUSTS	1 - 4	70 - 1000	HCl	Titration	PTFE
Stibine	6008	STIBINE	0.01 - 0.2	4 - 50	HCl	VIS	SG w/$HgCl_2$
Stoddard solvent	1550	NAPHTHAS	0.01 - 0.2	1.3 - 20	CS_2	GC-FID	CCT
Strontium	7301	ELEMENTS by ICP (Aqua Regia Ashing)	1 - 4	10 - 1000	HCl/HNO_3	ICP-AES	MCEF
Strontium	7303	ELEMENTS by ICP (Hot Block/HCl/ HNO_3 Digestion)	1 - 4	See Table	HCl/HNO_3	ICP-AES	MCEF
Strontium	9102	ELEMENTS on WIPES	NA	NA	NA	ICP-AES	Wipe
Strychnine	5016	STRYCHNINE	1 - 3	70 - 1000	reagents	HPLC-UV	GFF
Styrene	1501	HYDROCARBONS, AROMATIC	0.01 - 1.0	1 - 14	CS_2	GC-FID	CCT
Styrene	3800	ORGANIC and INORGANIC GASES by EXTRACTIVE FTIR SPECTROMETRY	0.1 - 20	Instr. Dep.	NA	FTIR	Dir. Read
Sulfur dioxide	6004	SULFUR DIOXIDE	0.5 - 1.5	4 - 200	HCO_3^-/CO_3^{2-}	IC	MCEF& pad w/Na_2CO_3
Sulfur hexafluoride	6602	SULFUR HEXAFLUORIDE	0.01 - 0.05	80% vol	NA	GC-ECD	air bag
Sulfuric acid	7903	ACIDS, INORGANIC	0.2 - 0.5	3 - 100	HCO_3^-/CO_3^{2-}	IC	SG(washed)
Sulfuryl fluoride	6012	SULFURYL FLUORIDE	0.05 - 0.1	1.3 - 10	NaOH	IC	CCT (lg)
Sulprofos	5600	ORGANOPHOSPHORUS PESTICIDES	0.2 - 1	12 - 240	tol/acet	GC-FPD	OVS-2
Super absorbent polymer	5035	SUPER ABSORBENT POLYMER	1 - 3	50 - 1500	$Cu(Ac)_2$	ICP or AAS	PVC
Simazine	8315	TRIAZINE HERBICIDES and their METABOLITES	NA	NA	NA	GC-MSD	Urine
2,4,5-T	5001	2,4-D and 2,4,5-T	1 - 3	15 - 200	MeOH	HPLC-UV	GFF
TB	0900	MYCOBACTERIUM TUBERCULOSIS, AIRBORNE	≥4	varies	reagent	PCR	PTFE
Tellurium	7300	ELEMENTS by ICP	1 - 4	25 - 2000	HNO_3	ICP-AES	MCEF
Tellurium	7301	ELEMENTS by ICP (Aqua Regia Ashing)	1 - 4	25 - 2000	HCl/HNO_3	ICP-AES	MCEF
Tellurium	7303	ELEMENTS by ICP (Hot Block/HCl/ HNO_3 Digestion)	1 - 4	See Table	HCl/HNO_3	ICP-AES	MCEF
Tellurium	9102	ELEMENTS on WIPES	NA	NA	NA	ICP-AES	Wipe
Terbufos	5600	ORGANOPHOSPHORUS PESTICIDES	0.2 - 1	12 - 240	tol/acet	GC-FID	OVS-2
Terpenes	1552	TERPENES	0.01 - 2	2 - 30	CS_2	GC-FID	CCT
o-Terphenyl	5021	o-TERPHENYL	1 - 3	2 - 30	CS_2	GC-FID	PTFE
1,1,2,2-Tetrabromo ethane	2003	1,1,2,2-TETRABROMOETHANE	0.2 - 1.0	50 - 100	THF	GC-FID	SG
Tetrabutyltin	5504	ORGANOTIN COMPOUNDS	1 - 1.5	50 - 500	aaa	HPLC/GFAAS	GFF & XAD-2
1,2,4,5-Tetrachlorobenzene	5517	POLYCHLOROBENZENES	0.01 - 0.2	3 - 12	hexane	GC-ECD	PTFE & XAD-2
1,1,2,2-Tetrachloro-2,2-difluoroethane	1016	1,1,2,2-TETRACHLORO-2,2-DIFLUOROETHANE & 1,1,2,2-TETRACHLORO-1,2-DIFLUOROETHANE	0.01 -0.035	0.5 - 2	CS_2	GC-FID	CCT
1,1,1,2-Tetrachloro-1,2-difluoroethane	1016	1,1,2,2-TETRACHLORO-2,2-DIFLUOROETHANE & 1,1,2,2-TETRACHLORO-1,2-DIFLUOROETHANE	0.01 -0.035	0.5 - 2	CS_2	GC-FID	CCT
1,1,2,2-Tetrachloroethane	1019	1,1,2,2-TETRACHLOROETHANE	0.01 - 0.2	3 - 30	CS_2	GC-FID	PCT
1,1,2,2-Tetrachloroethane	2562	1,1,2,2-TETRACHLOROETHANE	0.01 - 0.2	3 - 30	CS_2	GC-FID	A-CMS

Chemical	Meth No.	Method Name	Flow Rate (L/min)	Vol. (L) min max	Extraction	Analytical Technique	Sampler
Tetrachloroethylene	1003	HYDROCARBONS, HALOGENATED	0.01 - 0.2	1 - 40	CS_2	GC-FID	CCT
Tetrachloroethylene	3704	PERCHLOROETHYLENE (port GC) in exhaled breath and air	0.1 - 1	<80% cap	NA	Port GC-PID	air bag
Tetraethylene glycol	5523	GLYCOLS	0.5 - 2	5 - 60	MeOH	GC-FID	OVS-7
Tetraethyl lead	2533	TETRAETHYL LEAD (as Pb)	0.01 - 1.0	30 - 200	pentane	GC-PID	XAD-2
Tetraethyl pyrophosphate	2504	TETRAETHYL PYROPHOSPHATE	0.01 - 0.2	20 - 48	toluene	GC-FPD	2 Chrom 102
Tetrafluoroethylene	3800	ORGANIC and INORGANIC GASES by EXTRACTIVE FTIR SPECTROMETRY	0.1 - 20	Instr. dep.	NA	FTIR	Dir. Read
Tetrahydrofuran	1609	TETRAHYDROFURAN	0.01 - 0.2	1 - 9	CS_2	GC-FID	CCT
Tetrahydrofuran	3800	ORGANIC and INORGANIC GASES by EXTRACTIVE FTIR SPECTROMETRY	0.1 - 20	Instr. dep.	NA	FTIR	Dir. Read
Tetrakis(hydroxymethyl) phosphonium chloride	5046	TETRKIS(HYDROXYMETHYL) PHOSPHONIUM CHLORIDE	1 - 1.7	1 - 400	ACN	HPLC-UV	GFF
Tetramethyl lead	2534	TETRAMETHYL LEAD (as Pb)	0.01 - 0.2	15 - 100	pentane	GC-PID	XAD-2
Tetramethyl thiourea	3505	TETRAMETHYL THIOUREA	0.2 - 1.0	50 - 250	reagents	VIS	IMP/H_2O
Tetranitromethane	3513	TETRANITROMETHANE	0.5 - 1.0	20 - 250	-	GC-FID	IMP/EtAc
Thallium	7300	ELEMENTS by ICP	1 - 4	25 - 2000	$HNO_3/HClO_4$	ICP-AES	MCEF
Thallium	7310	ELEMENTS by ICP (Aqua Regia Ashing)	1 - 4	25 - 2000	HCl/HNO_3	ICP-AES	MCEF
Thallium	7303	ELEMENTS by ICP (Hot Block/HCl/ HNO_3 Digestion)	1 - 4	See Table	HCl/HNO_3	ICP-AES	MCEF
Thiobencarb	5601	ORGANONITROGEN PESTICIDES	0.1 - 1	var - 480	reagent	HPLC, UV	OVS-2
Thiophenate-methyl	9205	CAPTAN and THIOPHENATE-METHYL on DERMAL PATCH	NA	NA	IPA/ACN	HPLC-UV	Patch
Thiophenate-methyl	9202	CAPTAN and THIOPHENATE-METHYL in Hand Rinse	NA	NA	NA	HPLC-UV	Hand wash
Thiophenate-methyl	5606	THIOPHENATE-METHYL in AIR	0.1 - 1.0	20 - 480	IPA/ACN	HPLC-UV	QFF/SST
Thiram	5005	THIRAM	1 - 4	10 - 400	CH_3CN	HPLC-UV	PTFE
Tin	7301	ELEMENTS by ICP (Aqua Regia Ashing)	1 - 4	5 - 1000	HCl/HNO_3	ICP-AES	MCEF
Tin	7303	ELEMENTS by ICP (Hot Block/HCl/ HNO_3 Digestion)	1 - 4	See Table	HCl/HNO_3	ICP-AES	MCEF
Tin, organic compds as Sn	5504	ORGANOTIN CPDS. (as Sn)	1 - 1.5	50 - 500	acetic a/CH_3CN	HPLC/GFAAS	GFF & XAD-2
Titanium	7300	ELEMENTS by ICP	1 - 4	5 - 100	$HNO_3/HClO_4$	ICP-AES	MCEF
Titanium	7301	ELEMENTS by ICP (Aqua Regia Ashing)	1 - 4	5 - 100	HCl/HNO_3	ICP-AES	MCEF
Titanium	7303	ELEMENTS by ICP (Hot Block/HCl/ HNO_3 Digestion)	1 - 4	See Table	HCl/HNO_3	ICP-AES	MCEF
Toluene	2549	VOLATILE ORGANIC CPDS (Screening)	0.01 - 0.05	1 - 6	thermal	TD/GC-MS	TD
Toluene	4000	TOLUENE(Diffusive sampler)	NA	15 min-8h	CS_2	GC-FID	Diffusive
Toluene	1500	HYDROCARBONS, BP 36-216°C	0.01 - 0.2	2 - 8	CS_2	GC-FID	CCT
Toluene	1501	HYDROCARBONS, AROMATIC	0.01 - 0.2	1 - 8	CS_2	GC-FID	CCT
Toluene	3800	ORGANIC and INORGANIC GASES by EXTRACTIVE FTIR SPECTROMETRY	0.1 - 20	Instr. dep.	NA	FTIR	Dir. Read
2,4 & 2,6-Toluenediamine	5516	2,4- & 2,6-TOLUENEDIAMINE	1.0	30 - 500	acetylate/MeOH	HPLC-UV	IMP
Toluene-2,4-diisocyanate	2535	TOLUENE-2,4-DIISOCYANATE	0.2 - 1.0	2 - 170	MeOH	HPLC-UV	GW coated
Toluene-2,4-diisocyanate	5521	ISOCYANATES, MONOMERIC	1.0	5 - 500	acetylate/MeOH	HPLC-ECHD	IMP

Chemical	Meth No.	Method Name	Flow Rate (L/min)	Vol. (L) min max	Extraction	Analytical Technique	Sampler
Toluene-2,4-diisocyanate	5522	ISOCYANATES	1 - 2	15 - 360	tryptamine/DMSO	HPLC-FL/ECHD	IMP
Toluene 2,4-dissocyanate (2,4-TDI)	5525	ISOCYANATES, TOTAL (MAP)	1 - 2	1 - 500	MAP	HPLC-UV	GFF, IMP
Toluene-2,6-diisocyanate	5522	ISOCYANATES	1 - 2	15 - 360	tryptamine/DMSO	HPLC-FL/ECHD	IMP
Toluene-2,6-diisocyanate	5521	ISOCYANATES, MONOMERIC	1.0	5 - 500	acetylate/MeOH	HPLC-ECHD	IMP
Toluene-2,6-diisocyanate (2,6-TDI)	5525	ISOCYANATES, TOTAL (MAP)	1 - 2	1 - 500	MAP	HPLC-UV	GFF, IMP
p-Toluenesulfonic acid	5043	*P*-TOLUENESULFONIC ACID	1 - 3	10 - 1000	IPA/H_2O	HPLC-UV	GFF
o-Toluidine	2002	AMINES, AROMATIC	0.02 - 1.0	10 - 150	Ethanol	GC-FID	SG
o-Toluidine	2017	ANILINE, o-TOLUIDINE, AND NITROBENZENE	0.2	5 - 50	ethanol	GC-FID	GFF + SG
o-Toluidine	5013	DYES	1 - 3	150 - 500	H_2O	HPLC-UV	PTFE
o-Toluidine	8317	ANALINE and o-TOLUIDINE in urine	NA	NA	ALK	HPLC-ECD	NA
o-Toluidine	8313	ANALINE and o-TOLUIDINE in urine	NA	NA	ALK	HPLC-ECD	NA
Tribromomethane	1003	HYDROCARBONS, HALOGENATED	0.01 - 0.2	4 - 70	CS_2	GC-FID	CCT
Tributyl phosphate	5034	TRIBUTYL PHOSPHATE	1 - 3	2 - 100	diethyl ether	GC-FPD	MCEF
Tributyltin chloride	5504	ORGANOTIN COMPOUNDS	1 - 1.5	50 - 500	acetic a/CH_3CN	HPLC/GFAAS	GFF & XAD-2
1,2,4-Trichlorobenzene	5517	POLYCHLOROBENZENES	0.01 - 0.2	3 - 12	hexane	GC-ECD	PTFE & XAD-2
1,1,2-Trichloroethane	1003	HYDROCARBONS, HALOGENATED	0.01 - 0.2	2 - 60	CS_2	GC-FID	CCT
1,1,1-Trichloroethane	1003	HYDROCARBONS, HALOGENATED	0.01 - 0.2	0.1 - 8	CS_2	GC-FID	CCT
1,1,1-Trichloroethane	2549	VOLATILE ORGANIC CPDS (Screening)	0.01 - 0.05	1 - 6	thermal	TD/GC-MS	TD
Trichloroethylene	1003	HYDROCARBONS, HALOGENATED	0.01 - 0.2	0.2 - 30	CS_2	GC-FID	CCT
Trichloroethylene	1022	TRICHLOROETHYLENE	0.01 - 0.2	1 - 30	CS_2	GC-FID	CCT
Trichloroethylene	3701	TRICHLOROETHYLENE by port GC	> 0.02	80% vol	NA	GC-port	air bag
Trichloroethylene	3800	ORGANIC and INORGANIC GASES by EXTRACTIVE FTIR SPECTROMETRY	0.1 - 20	Instr. dep.	NA	FTIR	Dir. Read
Trichlorofluoromethane	1006	FLUOROTRICHLOROMETHANE	0.01 - 0.05	0.3 - 7	CS_2	GC-FID	CCT(lg)
Trichloromethane	1003	HYDROCARBONS, HALOGENATED	0.01 - 0.2	1 - 50	CS_2	GC-FID	CCT
1,2,3-Trichloropropane	1003	HYDROCARBONS, HALOGENATED	0.01 - 0.2	0.6 - 60	CS_2	GC-FID	CCT
Trichylohexyltin hydroxide	5504	ORGANOTIN COMPOUNDS	1 - 1.5	50 - 500	acetic a/CH_3CN	HPLC-GFAAS	GFF & XAD-2
1,1,2-Trichloro-1,2,2-trifluoroethane	1020	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	0.01 - 0.05	0.1 - 3	CS_2	GC-FID	CCT
1,1,2-Trichloro-1,2,2-trifluoroethane	2549	VOLATILE ORGANIC CPDS (Screening)	0.01 - 0.05	1 - 6	thermal	TD/GC-MS	TD
Triethanolamine	3509	AMINOETHANOL COMPOUNDS II	0.5 - 1.0	5 - 300	HSA	IC	IMP
Triethylene glycol	5523	GLYCOLS	0.5 - 2	5 - 60	MeOH	GC-FID	OVS-7
Triethylenetetramine	2540	ETHYLENEDIAMINE, DIETHYLENETRIAMINE, & TRIETHYLENETETRAMINE	0.01 - 0.1	1 - 20	DMF	HPLC-UV	XAD-2 W/10% NITC
Trifluorobromomethane	1017	TRIFLUOROBROMOMETHANE	0.01 - 0.05	0.1 - 1	CH_2Cl_2	GC-FID	2 CCT(lg+sm)
Trimellitic anhydride	5036	TRIMELLITIC ANHYDRIDE	1.5 - 2	400 - 1000	MeOH	GC-FID	PVC
2,4,7-Trinitrofluoren-9-one	5018	2,4,7-TRINITRO-FLUOREN-9-ONE	1 - 3	100 - 500	toluene	HPLC-UV	PTFE
Triorthocresyl phosphate	5037	TRIORTHOCRESYL PHOSPHATE	1 - 3	2 - 100	diethyl ether	GC-FPD	MCEF
Triphenyl phosphate	5038	TRIPHENYL PHOSPHATE	1 - 3	10 - 400	diethyl ether	GC-FPD	MCEF
Triphenyltin chloride	5527	TRIPHENYL TIN CHLORIDE	1 - 4	100 - 2000	TWM	HPLC-ICP	PVC

Chemical	Meth No.	Method Name	Flow Rate (L/min)	Vol. (L) min max	Extraction	Analytical Technique	Sampler
Tubercle bacilli	0900	MYCOBACTERIUM TUBERCULOSIS	≥4	varies	reagent	PCR	PTFE
Tungsten	7301	ELEMENTS by ICP (Aqua Regia Ashing)	1 - 4	50 - 1000	HCl/HNO_3	ICP-AES	MCEF
Tungsten, soluble/insoluble	7074	TUNGSTEN (soluble/insoluble)	1 - 4	200 - 1000	HF/HNO_3	FAAS	MCEF
Turpentine	1551	TURPENTINE	0.01 - 0.2	1 - 10	CS_2	GC-FID	CCT
Turpentine	2549	VOLATILE ORGANIC CPDS (Screening)	0.01 - 0.05	1 - 6	thermal	TD/GC-MS	TD
n-Undecane	1500	HYDROCARBONS, BP 36-216°C	0.01 - 0.05	2 - 2	CS_2	GC-FID	CCT
Valeraldehyde	2018	ALIPHATIC ALDEHYDES	0.1 - 1.5	1 - 15	ACN	HPLC-UV	SG-DNPH
Valeraldehyde	2536	VALERALDEHYDE	0.01 - 0.04	0.5 - 10	toluene	GC-FID	XAD-2/HMP
Valeraldehyde	2539	ALDEHYDES, SCREENING	0.01 - 0.05	5 - 5	toluene	GC-FID/MS	XAD-2/HMP
Vanadium	7300	ELEMENTS by ICP	1 - 4	5 - 2000	$HNO_3/HClO_4$	ICP-AES	MCEF
Vanadium	7301	ELEMENTS by ICP (Aqua Regia Ashing)	1 - 4	5 - 2000	HCl/HNO_3	ICP-AES	MCEF
Vanadium	7303	ELEMENTS by ICP (Hot Block/HCl/ HNO_3 Digestion)	1 - 4	See Table	HCl/HNO_3	ICP-AES	MCEF
Vanadium	9102	ELEMENTS on WIPES	NA	NA	NA	ICP-AES	Wipe
Vanadium oxides	7504	VANADIUM OXIDES	1.7 or 2.2	200 - 1000	THF	XRD	CYC & PVC
Vinyl acetate	1453	VINYL ACETATE	0.1 - 0.2	0.75 - 24	CH_2Cl_2/MeOH	GC-FID	MS(carbon)
Vinyl benzene	1501	HYDROCARBONS, AROMATIC	.01 - 1	1 - 14	CS_2	GC-FID	CCT
Vinyl bromide	1009	VINYL BROMIDE	0.01 - 0.2	2 - 10	Ethanol	GC-FID	CCT (lg)
Vinyl chloride	1007	VINYL CHLORIDE	0.05	0.7 - 5	CS_2	GC-FID	2 CCT
Vinylidene chloride	1015	VINYLIDENE CHLORIDE	0.01 - 0.2	2.5 - 7	CS_2	GC-FID	CCT
Vinylidene Fluoride	3800	ORGANIC and INORGANIC GASES by EXTRACTIVE FTIR SPECTROMETRY	0.1 - 20	Instr. dep.	NA	FTIR	Dir. Read
Vinyl tolueneuene	1501	HYDROCARBONS, AROMATIC	0.01 - 0.2	1 - 24	CS_2	GC-FID	CCT
VM&P naphtha	1550	NAPHTHAS	0.01 - 0.2	1.3 - 20	CS_2	GC-FID	CCT
VOCs	2549	VOLATILE ORGANIC CPDS (Screening)	0.01 - 0.05	1 - 6	thermal	TD/GC-MS	TD
Warfarin	5002	WARFARIN	1 - 4	200 - 1000	MeOH	HPLC-UV	PTFE
Wood alcohol	2000	METHANOL	0.02 - 0.2	1 - 5	H_2O/IPA	GC-FID	SG
Xylene	2549	VOLATILE ORGANIC CPDS (Screening)	0.01 - 0.05	1 - 6	thermal	TD/GC-MS	TD
Xylene (*o*,*m*,*p*)	1501	HYDROCARBONS, AROMATIC	0.01 - 0.2	2 - 23	CS_2	GC-FID	CCT
p-Xylene	3800	ORGANIC and INORGANIC GASES by EXTRACTIVE FTIR SPECTROMETRY	0.1 - 20	Instr. dep.	NA	FTIR	Dir. Read
m-Xylene	3800	ORGANIC and INORGANIC GASES by EXTRACTIVE FTIR SPECTROMETRY	0.1 - 20	Instr. dep.	NA	FTIR	Dir. Read
o-Xylene	3800	ORGANIC and INORGANIC GASES by EXTRACTIVE FTIR SPECTROMETRY	0.1 - 20	Instr. dep.	NA	FTIR	Dir. Read
2,4-Xylidine	2002	AMINES, AROMATIC	0.02 - 0.2	3 - 20	Ethanol	GC-FID	SG
Yttrium	7300	ELEMENTS by ICP	1 - 4	5 - 1000	$HNO_3/HClO_4$	ICP-AES	MCEF
Yttrium	7301	ELEMENTS by ICP (Aqua Regia Ashing)	1 - 4	5 - 1000	HCl/HNO_3	ICP-AES	MCEF
Yttrium	7303	ELEMENTS by ICP (Hot Block/HCl/ HNO_3 Digestion)	1 - 4	See Table	HCl/HNO_3	ICP-AES	MCEF
Yttrium	9102	ELEMENTS on WIPES	NA	NA	NA	ICP-AES	Wipe

Chemical	Meth No.	Method Name	Flow Rate (L/min)	Vol. (L) min max	Extraction	Analytical Technique	Sampler
Zinc and compounds	7030	ZINC and compounds, as Zn	1 - 3	2 - 400	HNO_3	FAAS	MCEF
Zinc	7300	ELEMENTS by ICP	1 - 4	5 - 200	$HNO_3/HClO_4$	ICP-AES	MCEF
Zinc	7301	ELEMENTS by ICP (Aqua Regia Ashing)	1 - 4	5 - 200	HCl/HNO_3	ICP-AES	MCEF
Zinc	7303	ELEMENTS by ICP (Hot Block/HCl/ HNO_3 Digestion)	1 - 4	See Table	HCl/HNO_3	ICP-AES	MCEF
Yttrium	9102	ELEMENTS on WIPES	NA	NA	NA	ICP-AES	Wipe
Zinc oxide	7502	ZINC OXIDE	1 - 3	10 - 400	--	XRD	PVC
Zirconium	7300	ELEMENTS by ICP	1 - 4	5 - 200	$HNO_3/HClO_4$	ICP-AES	MCEF
Zirconium	7301	ELEMENTS by ICP (Aqua Regia Ashing)	1 - 4	5 - 200	HCl/HNO_3	ICP-AES	MCEF
Zirconium	9102	ELEMENTS on WIPES	NA	NA	NA	ICP-AES	Wipe
METHODS BY NUMBER							
	0500	PARTICULATES N.O.R.	1 - 2	7 - 133	NA	GRAV	PVC
	0600	PARTICULATES, N.O.R, RESP.	1.7, 2.2,2.5	20 - 400	NA	Grav.	CYC & PVC
	0800	BIOAEROSOL SAMPLING	28.3	varies	NA	varies	impactor
	0801	AEROBIC BACTERIA - GC-FAME	28.3	50 - 300	hex/MTBE	GC-FID	Impactor
	0900	MYCOBACTERIUM TUBERCULOSIS	4	varies	reagent	PCR	PTFE
	1000	ALLYL CHLORIDE	0.01 - 1.0	16 - 100	bz	GC-FID	CCT
	1001	METHYL CHLORIDE	0.01 - 0.1	0.4 - 3	CH_2Cl_2	GC-FID	2 CCT (lg+sm)
	1002	β-CHLOROPRENE	0.01 - 0.1	1.5 - 8	CS_2	GC-FID	CCT
	1003	HYDROCARBONS, HALOGENATED	0.01 - 0.2	3 - 70	CS_2	GC-FID	CCT
	1004	DICHLOROETHYL ETHER	0.01 - 1.0	2 - 15	CS_2	GC-FID	CCT
	1005	METHYLENE CHLORIDE	0.01 - 0.2	0.5 - 2.5	CS_2	GC-FID	2 CCT
	1006	FLUOROTRICHLOROMETHANE	0.01 - 0.05	0.3 - 7	CS_2	GC-FID	CCT (lg)
	1007	VINYL CHLORIDE	0.05	0.7 - 5	CS_2	GC-FID	2 CCT
	1008	ETHYLENE DIBROMIDE	0.02 - 0.2	0.1 - 25	bz/MeOH	GC-ECD	CCT
	1009	VINYL BROMIDE	0.01 - 0.2	2 - 10	Ethanol	GC-FID	CCT (lg)
	1010	EPICHLOROHYDRIN	0.01 - 0.2	2 - 30	CS_2	GC-FID	CCT
	1011	ETHYL BROMIDE	0.01 - 0.2	0.5 - 4	IPA	GC-FID	CCT
	1012	DIFLUORODIBROMOMETHANE	0.01 - 0.2	2.5 - 10	IPA	GC-FID	2 CCT
	1013	PROPYLENE DICHLORIDE	0.01 - 0.2	0.1 - 3.5	acet/cyclohexane	GC-ECN	PCT
	1014	METHYL IODIDE	0.01 - 1.0	15 - 50	tol	GC-FID	CCT
	1015	VINYLIDENE CHLORIDE	0.01 - 0.2	2.5 - 7	CS_2	GC-FID	CCT
	1016	1,1,2,2-TETRACHLORO-2,2-DIFLUOROETHANE & 1,1,2,2-TETRACHLORO-1,2-DIFLUOROETHANE	0.01 -0.035	0.5 - 2	CS_2	GC-FID	CCT
	1017	TRIFLUOROBROMOMETHANE	0.01 - 0.05	0.1 - 1	CH_2Cl_2	GC-FID	2 CCT(lg+sm)
	1018	DICHLORODIFLUOROMETHANE, 1,2-DICHLOROTETRAFLUORO-ETHANE& CHLORODIFLUOROMETHANE	0.01 - 0.05	1 - 4	CH_2Cl_2	GC-FID	2 CCT (lg + sm)
	1019	1,1,2,2-TETRACHLOROETHANE	0.01 - 0.2	3 - 30	CS_2	GC-FID	PCT
	1020	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	0.01 - 0.05	0.1 - 3	CS_2	GC-FID	CCT
	1022	TRICHLOROETHYLENE	0.01 - 0.2	1 - 30	CS_2	GC-FID	CCT

Chemical	Meth No.	Method Name	Flow Rate (L/min)	Vol. (L) min max	Extraction	Analytical Technique	Sampler
	1024	1,3-BUTADIENE	0.01 - 0.5	5 - 25	CH_2Cl_2	GC-FID	CCT
	1025	1- and 2-BROMOPROPANE	0.01 - 0.2	0.1 - 12	CS_2	GC-FID	CCT
	1026	*P*-CHLOROBENZOTRIFLUORIDE	0.01 - 0.2	0.1 - 10	CS_2/MeOH	GC-FID	CCT
	1300	KETONES I	0.01 - 2.0	1 - 10	CS_2	GC-FID	CCT
	1301	KETONES II	0.01 - 0.2	1 - 25	MeOH/CS_2	GC-FID	CCT
	1302	*N*-METHYL-2-PYRROLIDINONE	0.05 - 0.2	0.5 - 125	CH_2CL_2/MeOH	GC-FID/NPD	CCT
	1400	ALCOHOLS I	0.01 - 0.2	1 - 10	CS_2	GC-FID	CCT
	1401	ALCOHOLS II	0.01 - 0.2	2 - 10	IPA/CS_2	GC-FID	CCT
	1402	ALCOHOLS III	0.01 - 0.2	1 - 10	IPA/CS_2	CG-FID	CCT
	1403	ALCOHOLS IV	0.01 - 0.05	6 - 50	MeOH/CH_2Cl_2	GC-FID	CCT
	1404	METHYLCYCLOHEXANOL	0.01 - 0.2	1 - 15	CH_2Cl_2	GC-FID	CCT
	1405	ALCOHOLS COMBINED	0.01 - 0.2	2 - 10	IPA-CS_2	GC-FID	CCT
	1450	ESTERS I	0.01 - 0.2	1 - 10	CS_2	GC-FID	CCT
	1451	METHYL CELLOSOLVE ACETATE	0.01 - 0.2	0.2 - 20	CS_2	GC-FID	CCT
	1452	ETHYL FORMATE	0.01 - 0.2	0.3 - 10	CS_2	GC-FID	CCT
	1453	VINYL ACETATE	0.1 - 0.2	0.75 - 24	CH_2Cl_2/MeOH	GC-FID	MS(carbon)
	1454	ISOPROPYL ACETATE	0.02 - 0.2	0.1 - 9	CS_2	GC-FID	CCT
	1457	ETHYL ACETATE	0.01 - 0.2	0.1 - 10	CS_2	GC-FID	CCT
	1458	METHYL ACETATE	0.01 - 0.2	0.2 - 10	CS_2	GC-FID	CCT
	1459	METHYL ACRYLATE	0.01 - 0.2	1 - 5	CS_2	GC-FID	CCT
	1460	ISOPROPYL ACETATE	0.02 - 0.2	0.1 - 9	CS_2/Meth	GC-FID	CCT
	1500	HYDROCARBONS, BP 36-216°C	0.01 - 0.2	2 - 7	CS_2	GC-FID	CCT
	1501	HYDROCARBONS, AROMATIC	0.01 - 1.0	1 - 30	CS_2	GC-FID	CCT
	1550	NAPHTHAS	0.01 - 0.2	1.3 - 20	CS_2	GC-FID	CCT
	1551	TURPENTINE	0.01 - 0.2	1 - 10	CS_2	GC-FID	CCT
	1552	TERPENES	0.01 - 2	2 - 30	CS_2	GC-FID	CCT
	1600	CARBON DISULFIDE	0.01 - 0.2	2 - 25	tol	GC-FPD	CCT & dry tube
	1601	1,1-DICHLORO-1-NITROETHANE	0.01 - 1.0	1.5 - 15	CS_2	GC-FID	PCT
	1602	DIOXANE	0.01 - 0.2	0.5 - 15	CS_2	GC-FID	CCT
	1603	ACETIC ACID	0.01 - 0.1	20 - 300	formic a	GC-FID	CCT
	1604	ACRYLONITRILE	0.01 - 0.2	3.5 - 20	acet/CS_2	GC-FID	CCT
	1606	ACETONITRILE	0.01 - 0.2	1 - 25	CH_2Cl_2/MeOH	GC-FID	CCT
	1608	GLYCIDOL	0.01 - 1.0	5 - 100	THF	GC-FID	CCT
	1609	TETRAHYDROFURAN	0.01 - 0.2	1 - 9	CS_2	GC-FID	CCT
	1610	ETHYL ETHER	0.01 - 0.2	0.25 - 3	CS_2	GC-FID	CCT
	1611	METHYLAL	0.01 - 0.2	1 - 3	hexane	GC-FID	CCT
	1612	PROPYLENE OXIDE	0.01 - 0.2	0.5 - 5	CS_2	GC-FID	CCT
	1613	PYRIDINE	0.01 - 1.0	18 - 150	CH_2Cl_2	GC-FID	CCT
	1614	ETHYLENE OXIDE	0.05 - 0.15	1 - 24	DMF	GC-ECD	PCT w/HBr
	1615	METHYL *tert*-BUTYL ETHER	0.1 - 0.2	2 - 96	CS_2	GC-FID	2 CCT (lg)
	1616	BUTYL GLYCIDYL ETHER	0.01 - 0.2	15 - 30	CS_2	GC-FID	CCT
	1617	PHENYL ETHER	0.01 - 0.2	1 - 50	CS_2	GC-FID	CCT

Chemical	Meth No.	Method Name	Flow Rate (L/min)	Vol. (L) min max	Extraction	Analytical Technique	Sampler
	1618	ISOPROPYL ETHER	0.01 - 0.05	0.1 - 3	CS_2	GC–FID	CCT
	1619	PHENYL GLYCIDYL ETHER	0.01 - 1	80 - 150	CS_2	GC–FID	CCT
	1620	ISOPROPYL GLYCIDYL ETHER	0.01 - 0.2	1 - 30	CS_2	GC–FID	CCT
	2000	METHANOL	0.02 - 0.2	1 - 5	H_2O/IPA	GC–FID	SG
	2002	AMINES, AROMATIC	0.2 - 1.0	30 - 150	Ethanol	GC–FID	SG
	2003	1,1,2,2–TETRABROMOETHANE	0.2 - 1.0	50 - 100	THF	GC–FID	SG
	2004	DIMETHYLACETAMIDE and DIMETHYLFORMAMIDE	0.01 - 1.0	15 - 80	MeOH	GC–FID	SG
	2005	NITROAROMATIC COMPOUNDS	0.01 - 1	1 - 150	MeOH	GC–FID	SG
	2007	AMINOETHANOL COMPOUNDS I	0.01 - 0.2	4 - 24	MeOH/H_2O	GC–FID	SG
	2008	CHLOROACETIC ACID	0.05 - 0.2	1 - 100	H_2O	IC	SG
	2010	AMINES, ALIPHATIC	0.01 - 1.0	3 - 30	H_2SO_4/aq MeOH	GC–FID	SG
	2011	FORMIC ACID	0.05 - 0.2	1 - 24	H_2O	IC	PTFE & SG (washed)
	2012	*n*–BUTYLAMINE	0.01 - 1.0	2 - 100	MeOH	GC–FID	SG + H_2SO_4
	2013	PHENYL ETHER–DIPHENYL MIXTURE	0.01 - 0.2	1 - 40	bz	GC–FID	SG
	2014	*p–CHLOROPHENOL*	0.05 - 0.2	1.5 - 40	CH_3CN	HPLC–UV	SG
	2015	CHLOROACETALDEHYDE	0.05 - 0.2	3 - 16	MeOH	GC–ECD	SG
	2016	FORMALDEHYDE	0.03 - 1.5	1 - 15	acetonitrile	HPLC-UV	SG/DNPH
	2017	ANILINE, o-TOLUIDINE, AND NITROBENZENE	0.2	5 - 50	ethanol	GC-FID	GFF + SG w/H_2SO_4
	2018	ALIPHATIC ALDEHYDES	0.1 - 1.5	1 - 15	ACN	HPLC-UV	SG-DNPH
	2500	METHYL ETHYL KETONE	0.01 - 0.2	0.25 - 12	CS_2	GC–FID	Carbon beads
	2501	ACROLEIN	0.01 - 0.1	1.5 - 48	tol	GC–NPD	XAD–2/HMP
	2504	TETRAETHYL PYROPHOSPHATE	0.01 - 0.2	20 - 48	toluene	GC–FPD	2 Chrom 102
	2505	FURFURYL ALCOHOL	0.01 - 0.05	3 - 25	acet	GC–FID	Por Q
	2506	ACETONE CYANOHYDRIN	0.2	0.3 - 12	Et Ac	GC–NPD	Por QS
	2507	NITROGLYCERIN & ETHYLENE GLYCOL DINITRATE	0.2 - 1.0	3 - 100	Ethanol	GC–ECD	Tenax–GC
	2508	ISOPHORONE	0.01 - 1.0	2 - 25	CS_2	GC–FID	PCT
	2510	1–OCTANETHIOL	0.01 - 0.2	1 - 15	acet	GC–FPD	Tenax GC
	2513	ETHYLENE CHLOROHYDRIN	0.01 - 0.2	2 - 35	IPA/CS_2	GC–FID	PCT
	2514	ANISIDINE	0.5 - 1.0	24 - 320	MeOH	HPLC–UV	XAD–2
	2515	DIAZOMETHANE	0.2	6 - 30	CS_2	GC–FID	XAD–2 (coated)
	2516	DICHLOROFLUOROMETHANE	0.01 - 0.05	0.25 - 3	CS_2	GC–FID	2 CCT (lg)
	2517	PENTACHLOROETHANE	0.01 - 0.2	1 - 10	hexane	GC–ECD	Por R
	2518	HEXACHLORO–1,3–CYCLOPENTA-DIENE	0.01 - 0.2	0.25 - 90	hexane	GC–ECD	2 Por T
	2519	ETHYL CHLORIDE	0.02 - 0.05	0.3 - 3	CS_2	GC–FID	2 CCT (lg)
	2520	METHYL BROMIDE	0.01 - 0.1	1 - 5	CS_2	GC–AED	PCT(2)+dry tube
	2521	METHYLCYCLOHEXANONE	0.01 - 0.05	1 - 6	acet	GC–FID	Por Q
	2522	NITROSAMINES	0.2 - 2.0	15 - 1000	MeOH/CH_2Cl_2	GC–TEA	Thermalosorb/N
	2523	1,3–CYCLOPENTADIENE	0.01 - 0.05	1 - 5	Et Ac	GC–FID	Chrom104/ maleic anh.

Chemical	Meth No.	Method Name	Flow Rate (L/min)	Vol. (L) min max	Extraction	Analytical Technique	Sampler
	2524	DIMETHYL SULFATE	0.01 - 0.2	0.25 - 12	diEt ether	GC–ECN	Por P
	2525	*n*–BUTYL MERCAPTAN	0.01 - 0.05	1 - 4	acet	GC–FPD	Chrom 104
	2526	NITROETHANE	0.01 - 0.05	1.5 - 3	EtAc	GC–FID	2XAD–2
	2527	NITROMETHANE	0.01 - 0.05	1.2 - 3	EtAc	GC–FPD	Chrom 106
	2528	2–NITROPROPANE	0.01 - 0.05	0.1 - 2	EtAc	GC–FID	Chrom 106
	2529	FURFURAL	0.01 - 0.05	1 - 12	tol	GC–FID	XAD–2/HMP
	2530	DIPHENYL	0.01 - 0.5	15 - 30	CCl_4	GC–FID	Tenax GC
	2532	GLUTARALDEHYDE	0.01 - 0.08	4 - 39	CH_3CN	HPLC–UV	SG/DNPH
	2533	TETRAETHYL LEAD (as Pb)	0.01 - 1.0	30 - 200	pentane	GC–PID	XAD–2
	2534	TETRAMETHYL LEAD (as Pb)	0.01 - 0.2	15 - 100	pentane	GC–PID	XAD–2
	2535	TOLUENE–2,4–DIISOCYANATE	0.2 - 1.0	2 - 170	MeOH	HPLC–UV	GW coated
	2536	VALERALDEHYDE	0.01 - 0.04	0.5 - 10	toluene	GC-FID	XAD-2/HMP
	2537	METHYL and ETHYL METHACRYLATE	0.01 - 0.05	1 - 8	CS_2	GC–FID	XAD–2
	2538	ACETALDEHYDE	0.01 - 0.05	1 - 12	tol	GC–FID	XAD–2/HMP
	2539	ALDEHYDES, SCREENING	0.01 - 0.05	5 - 5	tol	GC–FID/MS	XAD–2
	2540	ETHYLENEDIAMINE, DIETHYLENETRIAMINE, & TRIETHYLENETETRAMINE	0.01 - 0.1	1 - 20	DMF	HPLC–UV	XAD–2 w/10% NITC
	2541	FORMALDEHYDE	0.01 - 0.1	1 - 36	tol	GC–FID	XAD–2/HMP
	2542	MERCAPTANS	0.1 - 0.2	10 - 150	HCl/DCE	GC–FPD	GFF/HgAc
	2543	HEXACHLOROBUTADIENE	0.05 - 0.2	1 - 100	hexane	GC–ECD	XAD–2
	2544	NICOTINE	1.0	60 - 400	EtAc	GC–NPD	XAD–2
	2545	ALLYL GLYCIDYL ETHER	0.01 - 0.2	1.5 - 8	diethyl ether	GC–FID	Tenax
	2549	VOLATILE ORGANIC CPDS (Screening)	0.01 - 0.05	1 - 6	thermal	TD/GC–MS	TD
	2550	BENZOTHIAZOLE IN ASPHALT FUME	1.0 - 2.0	480 - 960	hexane	GC-SCD	PTFE + XD-2
	2551	NICOTINE	0.1 - 1.0	0.5 - 600	ethyl acetate	GC-NPD	XAD-4
	2552	METHYL ACRYLATE	0.01 - 0.2	1 - 5	CS_2	GC-FID	A-CMS
	2553	KETONES II	0.01 - 0.2	1 - 25	IPA-CS_2	GC-FID	A-CMS
	2554	GLYCOL ETHERS	0.1 - 0.2	3 - 25	$MeCl_2$/Meth	GC-FID	A-747
	2555	KETONES I	0.01 - 0.2	0.5 - 3.0 1 - 10	CS_2	GC-FID	A-CMS
	2556	ISOPHORONE	0.01 - 1	2 - 25	DEE	GC-FID	XAD
	2557	DIACETYL	0.01 - 0.2	1 - 10	Acet-Meth	GC-FID	A-CMS
	2558	ACETOIN	0.01 - 0.2	1 - 10	Acet-Meth	GC-FID	A-CMS
	2559	DECABROMODIPHENYL OXIDE	2.0	48 - 960	DMSO	HPLC/UV	QFF
	2560	1-NITROPYRENE in DIESEL PARTICULATES	1.0 - 2.0	480 - 960	Tol	GC-NCD	GFF
	2561	2-(DIMETHYLAMINO)ETHANOL 1-DIMETHYLAMINO-2-PROPANOL	0.02 - 1	10 - 24	MeOH	GC-FID	XAD
	2562	1,1,2,2-TETRACHLOROETHANE	0.01 - 0.2	3 - 30	CS_2	GC-FID	A-CMS
	3500	FORMALDEHYDE	0.2 - 1.0	1 - 100	$NaHSO_3$	VIS	PTFE & 2 IMP
	3503	HYDRAZINE	0.2 - 1.0	7 - 100	reagents	VIS	BuB
	3505	TETRAMETHYL THIOUREA	0.2 - 1.0	50 - 250	reagents	VIS	IMP/H_2O
	3506	ACETIC ANHYDRIDE	0.2 - 1.0	25 - 100	reagent	VIS	BuB

Chemical	Meth No.	Method Name	Flow Rate (L/min)	Vol. (L) min max	Extraction	Analytical Technique	Sampler
	3507	ACETALDEHYDE	0.1 - 0.5	6 - 60	reagent	HPLC-UV	BuB
	3508	METHYL ETHYL KETONE PEROXIDE	0.5 - 0.2	52 - 520	reagent	VIS	IMP
	3509	AMINOETHANOL COMPOUNDS II	0.5 - 1.0	5 - 300	HSA	IC	IMP
	3510	MONOMETHYLHYDRAZINE	0.5 - 1.5	3 - 20	PMA/HCl	VIS	BuB/HCl
	3511	MONOMETHYLANILINE	0.2 - 1.0	11 - 100	NaOH	GC-FID	BuB/H_2SO_4
	3512	MALEIC ANHYDRIDE	0.2 - 1.5	40 - 500	--	HPLC-UV	BuB/H_2O
	3513	TETRANITROMETHANE	0.5 - 1.0	20 - 250	--	GC-FID	IMP/EtAc
	3514	ETHYLENIMINE	0.2	1 - 48	$CHCl_3$	HPLC-UV	BuB
	3515	1,1-DIMETHYLHYDRAZINE	0.2 - 1.0	2 - 100	reagent	VIS	BuB (.1 M HCl)
	3516	CROTONALDEHYDE	0.1 - 0.2	1 - 49	buffer	DPP	BuB
	3518	PHENYLHYDRAZINE	0.2 - 1.0	25 - 120	PMA	VIS	BuB/HCl
	3600	MANEB	NA	NA	Cys/EDTA	HPLC-UV	Patch
	3601	MANEB	NA	NA	NA	HPLC-UV	Hand wash
	3700	BENZENE by portable GC	> 0.02	80% vol	NA	GC	air bag
	3701	TRICHLOROETHYLENE by port GC	> 0.02	80% vol	NA	GC-port	air bag
	3702	ETHYLENE OXIDE by portable GC	> 0.02	80% vol	NA	GC-PID	air bag
	3704	PERCHLOROETHYLENE (portable GC) in exhaled breath and air	0.1 - 1	80% VOL	NA	Port GC-PID	air bag
	3800	ORGANIC and INORGANIC GASES by EXTRACTIVE FTIR SPECTROMETRY	0.1 - 20	Instr. dep.	NA	FTIR	Dir. Read
	4000	TOLUENE (Diffusive sampler)	NA	15 min-8h	CS_2	GC-FID	Diffusive
	5000	CARBON BLACK	1 - 2	30 - 570	NA	Grav	PVC
	5001	2,4-D and 2,4,5-T	1 - 3	15 - 200	MeOH	HPLC-UV	GFF
	5002	WARFARIN	1 - 4	200 - 1000	MeOH	HPLC-UV	PTFE
	5003	PARAQUAT	1 - 4	40 - 1000	H_2O	HPLC-UV	PTFE
	5004	HYDROQUINONE	1 - 4	30 - 180	acetic acid	HPLC-UV	MCEF
	5005	THIRAM	1 - 4	10 - 400	CH_3CN	HPLC-UV	PTFE
	5006	CARBARYL	1 - 3	20 - 400	reagent	VIS	GFF
	5007	ROTENONE	1 - 4	8 - 400	CH_3CN	HPLC-UV	PTFE
	5008	PYRETHUM	1 - 4	20 - 400	CH_3CN	HPLC-UV	GFF
	5009	BENZOYL PEROXIDE	1 - 3	40 - 400	diethyl ether	HPLC-UV	MCEF
	5010	BROMOXYNIL and B'OCTANOATE	1 - 3	2 - 400	CH_3CN	HPLC-UV	PTFE
	5011	ETHYLENE THIOUREA	1 - 3	200 - 800	H_2O	VIS	PVC or MCEF
	5012	EPN	1 - 2	15 - 700	isooctane	GC-FPD	GFF
	5013	DYES	1 - 3	150 - 500	H_2O	HPLC-UV	PTFE
	5014	CHLORINATED TERPHENYL	1 - 3	100 - 1500	isooctane	GC-ECD	GFF
	5016	STRYCHNINE	1 - 3	70 - 1000	reagents	HPLC-UV	GFF
	5017	DIBUTYL PHOSPHATE	1 - 3	50 - 250	CH_3CN	GC-FPD	PTFE
	5018	2,4,7-TRINITRO-FLUOREN-9-ONE	1 - 3	100 - 500	toluene	HPLC-UV	PTFE
	5019	AZELAIC ACID	1 - 3	200 - 1000	Ethanol	GC-FID	PVC
	5020	DIBUTYL PHTHALATE & DI(2-ETHYLHEXYL) PHTHALATE	1 - 3	6 - 200	CS_2	GC-FID	MCEF
	5021	o-TERPHENYL	1 - 3	2 - 30	CS_2	GC-FID	PTFE
	5022	ARSENIC, organo-	1 - 3	50 - 1000	buffer	IC-HYAAS	PTFE

Chemical	Meth No.	Method Name	Flow Rate (L/min)	Vol. (L) min max	Extraction	Analytical Technique	Sampler
	5025	CHLORINATED DIPHENYL OXIDE	0.5 - 1.5	8 - 200	isooctane	GC–ECN	MCEF
	5026	OIL MIST, MINERAL	1 - 3	20 - 500	CCl_4	IR	PVC or MCE
	5027	RIBAVIRIN	1 - 4	5 - 1000	H_2SO_4	HPLC–UV	GFF
	5029	4,4'–METHYLENEDIANILINE	1 - 2	10 - 1000	KOH/MeOH	HPLC–UV	GFF/H_2SO_4
	5030	CYANURIC ACID	1 - 3	10 - 1000	reagents	HPLC–UV	PVC
	5031	ASPARTAME	1 - 3	70 - 1200	eluent	HPLC–UV	PTFE
	5032	PENTAMIDINE ISETHIONATE	1 - 2	50 - 1500	reagents	HPLC/FL	PVC/opaque
	5033	*p*–NITROANILINE	1 - 3	20	IPA	HPLC–UV	MCEF
	5034	TRIBUTYL PHOSPHATE	1 - 3	2 - 100	diethyl ether	GC–FPD	MCEF
	5035	SUPER ABSORBENT POLYMER	1 - 3	50 - 1500	$Cu(Ac)_2$	ICP or AAS	PVC
	5036	TRIMELLITIC ANHYDRIDE	1.5 - 2	400 - 1000	MeOH	GC-FID	PVC
	5037	TRIORTHOCRESYL PHOSPHATE	1 - 3	2 - 100	diethyl ether	GC-FPD	MCEF
	5038	TRIPHENYL PHOSPHATE	1 - 3	10 - 400	diethyl ether	GC-FPD	MCEF
	5039	CHLORINATED CAMPHENE	0.2 - 1	2 - 30	pet ether	GC–ECD	MCEF
	5040	ELEMENTAL CARBON (DIESEL PARTICULATE)	2 - 4	142 -19000	thermal	EGA/TOA	QFF
	5041	CAPSAICIN and DIHYDROCAPSAICIN	1 - 3	5 - 1000	CH_3CN	HPLC–FL	GFF
	5042	BENZENE SOLUBLE FRACTION AND TOTAL PARTICULATE (ASPHALT FUME)	1 -4	28 - 400	benzene	Grav	tared PTFE
	5043	*p*-TOLUENESULFONIC ACID	1 - 3	10 - 1000	1PA/H_20	HPLC-UV	GFF
	5044	ESTROGENIC COMPOUNDS	1	150 - 1000	Meth	HPLC-UV	PTFE
	5046	TETRAKIS (HYDROXYMETHYL) PHOSPHONIUM CHLORIDE	1 - 1.7	1 - 400	ACN	HPLC-UV	GFF
	5502	ALDRIN & LINDANE	0.2 - 1.0	18 - 240	isooct	GC–ECN	GFF & BuB
	5503	POLYCHLOROBIPHENYLS	0.05 - 0.2	1 - 50	hexane	GC–ECD	GFF & Florisil
	5504	ORGANOTIN COMPOUNDS	1 - 1.5	50 - 500	acetic a/CH_3CN	HPLC-GFAAS	GFF & XAD-2
	5506	POLYNUCLEAR AROMATIC HYDROCARBONS	2.0	200 - 1000	acetonitrile	HPLC–FL/UV	PTFE & XAD–2
	5508	KEPONE	0.5 - 1.0	50 - 600	bz/MeOH	GC–ECD	MCEF & IMP
	5509	BENZIDINE and 3,3'–DICHLORO–BENZIDINE	0.2	20 - 100	triethyl amine /MeOH	HPLC–UV	GFF
	5510	CHLORDANE	0.5 - 1.0	10 - 200	tol	GC–ECD	MCEF & Chrom 102
	5512	PENTACHLOROPHENOL	0.5 - 1.0	48 - 480	MeOH	HPLC–UV	MCEF & BuB
	5514	DEMETON	0.2 - 1.0	30 - 500	tol	GC–FPD	MCEF &XAD–2
	5515	POLYNUCLEAR AROMATIC HYDROCARBONS	2.0	200 - 1000	varies	GC–FID	PTFE & XAD–2
	5516	2,4– & 2,6–TOLUENEDIAMINE	1.0	30 - 500	acetylate/MeOH	HPLC–UV	IMP
	5517	POLYCHLOROBENZENES	0.01 - 0.2	3 - 12	hexane	GC–ECD	PTFE & XAD–2
	5518	NAPHTHYLAMINES	0.2 - 0.8	30 - 100	acetic a /IPA	GC–FID	GFF & SG
	5519	ENDRIN	0.5 - 1.0	12 - 400	tol	GC–ECD	MCEF & Chrom 102
	5521	ISOCYANATES, MONOMERIC	1.0	5 - 500	reagents	HPLC–ECHD	IMP
	5522	ISOCYANATES	1 - 2	15 - 360	tryptamine/DMSO	HPLC–FL/ECHD	IMP
	5523	GLYCOLS	0.5 - 2	5 - 60	MeOH	GC–FID	OVS–7

Chemical	Meth No.	Method Name	Flow Rate (L/min)	Vol. (L) min max	Extraction	Analytical Technique	Sampler
	5524	METALWORKING FLUIDS (MWF) ALL CATEGORIES	1.6 - 2.0	1000 - ND	DCM/MeOH/Tol MeOH	Grav	PTFE/CYC
	5525	ISOCYANATES, TOTAL (MAP)	1 - 2	1 - 500	MAP	HPLC-UV	GFF, IMP
	5526	METHYLTIN CHLORIDES	0.25 - 1	15 - 75	AAA	GC-FPD	OVS
	5527	TRIPHENYL TIN CHLORIDE	1 - 4	100 - 2000	TWM	HPLC-ICP	PVC
	5600	ORGANOPHOSPHORUS PESTICIDES	0.2 - 1	12 - 240	tol/acet	GC–FPD	OVS–2
	5601	ORGANONITROGEN PESTICIDES	0.1 - 1	var - 480	reagent	HPLC-UV	OVS-2
	5602	CHLORINATED ORGANONITROGEN HERBICIDES (AIR SAMPLING)	0.2 - 1	12 - 480	reagent	GC/ECD	OVS-2
	5603	ALACHLOR in AIR	1	70 - 1750	MeOH	ELISA	SPE disk
	5606	THIOPHENATE-METHYL in AIR	0.1 - 1.0	20 - 480	IPA/ACN	HPLC-UV	QFF/SST
	5700	FORMALDEHYDE on dust	2	240 - 1050	H_2O/DNPH/CH_3CN	HPLC–UV	IOM/PVC
	5701	RESORCINOL	0.2 - 1	5 - 160	MeOH	GC-FID	OVS-7
	5800	POLY AROMATIC COMPOUNDS (PACs)	1 - 2	5 - 1000	hexane	FI-FL	PTFE + XAD-2
	6001	ARSINE	0.01 - 0.2	0.1 - 10	HNO_3	GFAAS	CCT
	6002	PHOSPHINE	0.01 - 0.2	1 - 16	reagent	VIS	SG/$Hg(CN)_2$
	6004	SULFUR DIOXIDE	0.5 - 1.5	4 - 200	HCO_3^-/CO_3^{2-}	IC	MCEF& pad w/Na_2CO_3
	6005	IODINE	0.5 - 1.0	15 - 225	Na_2CO_3	IC	CCT w/alkali
	6006	DIBORANE	0.5 - 1.0	60 - 260	H_2O_2	PES	PTFE & CCT w/oxidizer
	6007	NICKEL CARBONYL	0.05 - 0.2	7 - 80	HNO_3	GFAAS	CCT (low Ni)
	6008	STIBINE	0.01 - 0.2	4 - 50	HCl	VIS	SG w/$HgCl_2$
	6009	MERCURY	0.15 - 0.25	2 - 100	HNO_3/HCl	AAS–cold vap	Hopcalite
	6010	HYDROGEN CYANIDE	0.05 - 0.2	2 - 90	H_2O	VIS	soda lime
	6011	CHLORINE and BROMINE	0.3 - 1.0	2 - 90	$Na_2S_2O_3$	IC	Ag F
	6012	SULFURYL FLUORIDE	0.05 - 0.1	1.3 - 10	NaOH	IC	CCT (lg)
	6013	HYDROGEN SULFIDE (withdrawn)	0.1 - 1.5	1.2 - 40	NH_4OH/H_2O_2	IC	PTFE & CCT (lg)
	6014	NITRIC OXIDE & NITROGEN DIOXIDE	0.025	1.5 - 6	reagent	VIS	MS w/TEA & oxidizer
	6015	AMMONIA by VIS	0.1 - 0.2	0.1 - 90	H_2O	VIS–Auto	SG + H_2SO_4
	6016	AMMONIA by IC	0.1 - 0.5	0.1 - 96	H_2O	IC	SG + H_2SO_4
	6017	HYDROGEN CYANIDE	0.05 - 2	2 - 90	H_2O	IC-DC Amp	SL
	6402	PHOSPHORUS TRICHLORIDE	0.05 - 0.2	11 - 100	reagents	VIS	BuB/H_2O
	6600	NITROUS OXIDE	NA	80% vol	NA	IR	air bag
	6601	OXYGEN	NA	1 - NA	NA	Sensor	portable
	6602	SULFUR HEXAFLUORIDE	0.01 - 0.05	80% vol	NA	GC–ECD	air bag
	6603	CARBON DIOXIDE	0.02 - 0.1	80% vol	NA	GC–TCD	air bag
	6604	CARBON MONOXIDE	NA	NA	NA	Sensor	Port Instr
	6700	NITROGEN DIOXIDE (Diffusive)	NA	NA	reagent	VIS	Diffusive
	7013	ALUMINUM & CPDS, as Al	1 - 3	10 - 400	HNO_3	FAAS	MCEF
	7020	CALCIUM and cpds as Ca	1 - 3	20 - 400	$HNO_3/HClO_4$	FAAS	MCEF
	7024	CHROMIUM and cpds, as Cr	1 - 3	10 - 1000	HCl/HNO_3	FAAS	MCEF

Chemical	Meth No.	Method Name	Flow Rate (L/min)	Vol. (L) min max	Extraction	Analytical Technique	Sampler
	7027	COBALT and cpds, as Co	1 - 3	30 - 1500	aq reg/HNO_3	FAAS	MCEF
	7029	COPPER (dust & fumes)	1 - 3	50 - 1500	HNO_3/HCl	FAAS	MCEF
	7030	ZINC and compounds, as Zn	1 - 3	2 - 400	HNO_3	FAAS	MCEF
	7048	CADMIUM and cpds, as Cd	1 - 3	25 - 1500	HNO_3/HCl	FAAS	MCEF
	7056	BARIUM, SOLUBLE COMPOUNDS	1 - 4	50 - 2000	H_2O	FAAS	MCEF
	7074	TUNGSTEN (soluble/insoluble)	1 - 4	200 - 1000	HF/HNO_3	FAAS	MCEF
	7082	LEAD by FAAS	1 - 4	200 - 1500	HNO_3/H_2O_2	FAAS	MCEF
	7102	BERYLLIUM and cpds, as Be	1 - 4	25 - 2000	HNO_3/H_2SO_4	GFAAS	MCEF
	7105	LEAD by GFAAS	1 - 4	1 - 1500	HNO_3/H_2O_2	GFAAS	MCEF
	7300	ELEMENTS by ICP	1 - 4	Varies	HNO_3/$HClO_4$	ICP–AES	MCEF
	7301	ELEMENTS by ICP (AQUA REGIA ASHING)	1 - 4	Varies	Aq Reg	ICP-AES	MCEF PVCF
	7301	ELEMENTS by ICP (AQUA REGIA ASHING)	1 - 4	Varies	HCl/HNO_3	ICP-AES	MCEF
	7303	ELEMENTS by ICP (Hot Block/HCl/ HNO_3 Digestion)	1 - 4	See Table	HCl/HNO_3	ICP-AES	MCEF
	7400	ASBESTOS FIBERS by PCM	0.5 - 16	400 - var	NA	PCM	MCEF open
	7401	ALKALINE DUSTS	1 - 4	70 - 1000	HCl	Titration	PTFE
	7402	ASBESTOS FIBERS by TEM	0.5 - 16	400 - var	NA	TEM	MCEF open
	7404	CELLULOSE INSULATION	1	NA	NA	SEM	ACF
	7500	SILICA, CRYSTALLINE, by XRD.	1.7, 2.2,2.5	400 - 1000	ash or THF	XRD	CYC + PVC
	7501	SILICA, AMORPHOUS	1.7, 2.2,2.5	50 - 400	ash	XRD	PVC (total) PVC&CYC
	7502	ZINC OXIDE	1 - 3	10 - 400	NA	XRD	PVC
	7504	VANADIUM OXIDES	1.7, 2.2,2.5	200 - 1000	THF	XRD	CYC & PVC
	7505	LEAD SULFIDE	1.7, 2.2,2.5	600 - 1000	THF	XRD	CYC & PVC
	7506	BORON CARBIDE	1.7, 2.2,2.5	100 - 1000	ash	XRD	CYC & PVC
	7600	CHROMIUM, HEXAVALENT	1 - 4	8 - 400	reagent	VIS	PVC
	7601	SILICA, CRYSTALLINE	1.7, 2.2,2.5	400 - 800	H_3PO_4/HF	VIS	CYC & MCE or PVC
	7602	SILICA, CRYSTALLINE (IR)	1.7, 2.2,2.5	400 - 800	ash	IR	CYC & MCE or PVC
	7603	SILICA in coal mine dust	1.7, 2.2,2.5	300 - 1000	ash	IR	CYC & PVC
	7604	CHROMIUM, HEXAVALENT	1 - 4	100 - 1000	NaOH/Na_2CO_3	IC	PVC
	7605	CHROMIUM, HEXAVALENT by IONCHROMATOGRAPHY	0.1 - 4	1 - 400	NaOH-Na_2CO_3	IC	PVC
	7700	LEAD in Air by Chemical Spot Test	2	10 - 240	NA	Spot	MCEF
	7701	LEAD BY ULTRASOUND/ASV	1 - 4	20 - 1500	HNO_3	Port ASV	MCEF
	7702	LEAD by Field Portable XRF	1 - 4	570 - 1900	NA	XRF (port)	MCEF
	7703	CHROMIUM, HEXAVALENT by Field-Portable Spectrophotometry	1 - 4	10 - 1200	$(NH_4)_2SO_4$/ NH_4OH	VIS	PVC, MCE, PTFE
	7900	ARSENIC & compounds, as As	1 - 3	30 - 1000	HNO_3/H_2SO_4/$HClO_4$	HYAAS	MCEF
	7901	ARSENIC TRIOXIDE, as As	1 - 3	30 - 1000	HNO_3/H_2O_2	GFAAS	MCEF
	7902	FLUORIDES, aerosol & gas	1 - 2	12 - 800	NaOH	ISE	MCEF & pad w/ Na_2CO_3
	7903	ACIDS, INORGANIC	0.2 - 0.5	3.0 - 100	HCO_3^-/CO_3^{2-}	IC	SG(washed)

Chemical	Meth No.	Method Name	Flow Rate (L/min)	Vol. (L) min max	Extraction	Analytical Technique	Sampler
	7904	CYANIDES, aerosol and gas	0.5 - 1.0	10 - 180	KOH	ISE	MCEF & BuB
	7905	PHOSPHORUS	0.01 - 0.2	5 - 100	xylene	GC–FPD	Tenax GC
	7906	FLUORIDES by IC	1 - 2	s 1 - 800 i 120 - 800	NaOH	IC	MCEF & pad w/ Na_2CO_3
	8301	HIPPURIC and METHYL HIPPURIC ACID in URINE	NA	NA	Etac	HPLC-UV	NA
	8315	TRIAZINE HERBICIDES and their METABOLITES	NA	NA	NA	SC-MSD	Urine
	8316	BUTOXYACETIC ACID in URINE	NA	NA	NA	GC-ECD	NA
	8317	ANALINE and o-TOLUIDINE in urine	NA	NA	ALK	HPLC-ECD	NA
	9000	ASBESTOS, CHRYSOTILE by XRD	NA	NA	NA	XRD	bulk
	9002	ASBESTOS (bulk) by PLM	NA	NA	NA	PLM	bulk
	9100	LEAD in Surface Wipe Samples	NA	NA	HNO_3/H_2O_2	AAS; ICP	Wipes
	9101	CHROMIUM, HEXAVALENT in settled dust	NA	NA	NA	Spot	Test strip
	9102	ELEMENTS on WIPES	NA	NA	NA	ICP-AES	Wipe
	9105	LEAD in DUST WIPES by Chemical Spot Test	NA	NA	NA	Spot	Wipe
	9200	CHLORINATED ORGANONITROGEN HERBICIDES (HAND WASH)	NA	NA	NA	GC-ECD	polyethylene bag
	9201	CHLORINATED ORGANONITROGEN HERBICIDES (DERMAL PATCH))	NA	NA	IPA/diazomethane	GC-ECD	PUF pad
	9202	CAPTAN and THIOPHENATEMETHYL in Handrinse	NA	NA	NA	HPLC-UV	Hand wash
	9205	CAPTAN and THIOPHENATEMETHYL on Dermal Patch	NA	NA	IPA-ACN	HPLC-UV	Patch

METHOD FINDER KEY TO ABBREVIATIONS

Sampling Media/Devices

A-747	Anasorb 747
A-CMS	Anasorb CMS
Ag F	Silver membrane filter
BuB	Bubbler
CCT	Coconut shell charcoal tube
Chrom	Chromosorb
CYC	Cyclone
DNPH	Dinitrophenylhydrazine Hcl
Dry	Drying tube
GFF	Glass fiber filter
GW	Glass wool
HMP	2-(Hydroxymethyl)piperidine
IMP	Impinger
IOM	Inspirable dust sampler
MCEF	Mixed cellulose ester filter
MS	Molecular sieve
NITC	1-naphthylisothiocyanate
OVS-2	OSHA versatile sampler (quartz filter/XAD-2)
OVS-7	OSHA versatile sampler (glass fiber filter/XAD-7)
Pad	Cellulose backup pad
PCT	Petroleum charcoal tube
Por	Poropak
PTFE	Polytetrafluoroethylene (Teflon) filter
PUF	Polyurethane foam
PVC	Polyvinyl chloride filter
QFF	Quartz fiber filter
SG	Silica gel
SL	Soda lime
TD	Thermalalal desorption tube
TEA	Triethanolamine
XAD	Polymeric resin

Extraction Media

aaa	acetic acid/acetonitrile
a	acid
ac	acetate
ACN	acetonitrile
acet	acetone
al	alcohol
alk	alkali
aq	aqueous / water
aq reg	aqua regia
bz	benzene
cychex	cyclohexane
DCE	dichloroethane
DMF	dimethylformamide
DMSO	dimethylsulfoxide
DNPH	dinitrophenyl hydrazine
Et	ethyl
Etac	ethyl acetate
hex	hexane
HSA	hexanesulfonic acid
IPA	isopropanol
isooct	isooctane
$MeCl_2$/Meth	methylene chloride/methanol
Me	methyl
Meth	methanol
MTBE	methyl-tert-butyl ether
pet	petroleum
PMA	phosphomolybdic acid
pyr	pyridine
reag	reagent
THF	tetrahydrofuran
tol	toluene
TWM	tropolone-water-methanol

Analytical Techniques

AAS	Atomic absorption spectrophotometry
AMP	Amperometric detector
ASV	Anodic stripping voltammetry
CD	Conductivity detector
DPP	Differential Pulse Polargraphy
ECD	Electron capture detector
ECHD	Electrochemical detector
ECN	Electrolytic conductivity detector
EG	Evolved gas analysis
FAAS	Flame AAS
FI	Flow injection
FID	Flame ionization detector
FL	Fluorescence detector
FPD	Flame photometric detector
GC	Gas chromatography
Grav	Gravimetric (filter weight)
GFAAS	Graphite furnace AAS
HPLC	High performance liquid chromatography
HYAAS	Hydride generation AAS
IC	Ion chromatography
ICP-AES	Inductively coupled plasma-atomic emission spectroscopy
IR	Infrared spoectrophotometry
ISE	Ion specific electrode
MS	Mass spectrometry
NPD	Nitrogen phosphorus detector
PCM	Phase contrast microscopy
PES	Plasma emission spectrometry
PID	Photoionization detector
PLM	Polarized light microscopy
SCD	Sulfur chemiluminescence detector
SEM	Scanning electron microscopy
Spot	Spot test
TCD	Thermalalal conductivity detector
TEM	Transmission electron microscopy
TOA	Thermal optical analyzer
UV	Ultraviolet
VIS	Visible absorption spectrophotometry
XRD	X-ray diffraction
XRF	X-ray fluorescence

Other

cap	capacity
i	insoluble
NA	not applicable
port	portable
s	soluble
var	varies / variable