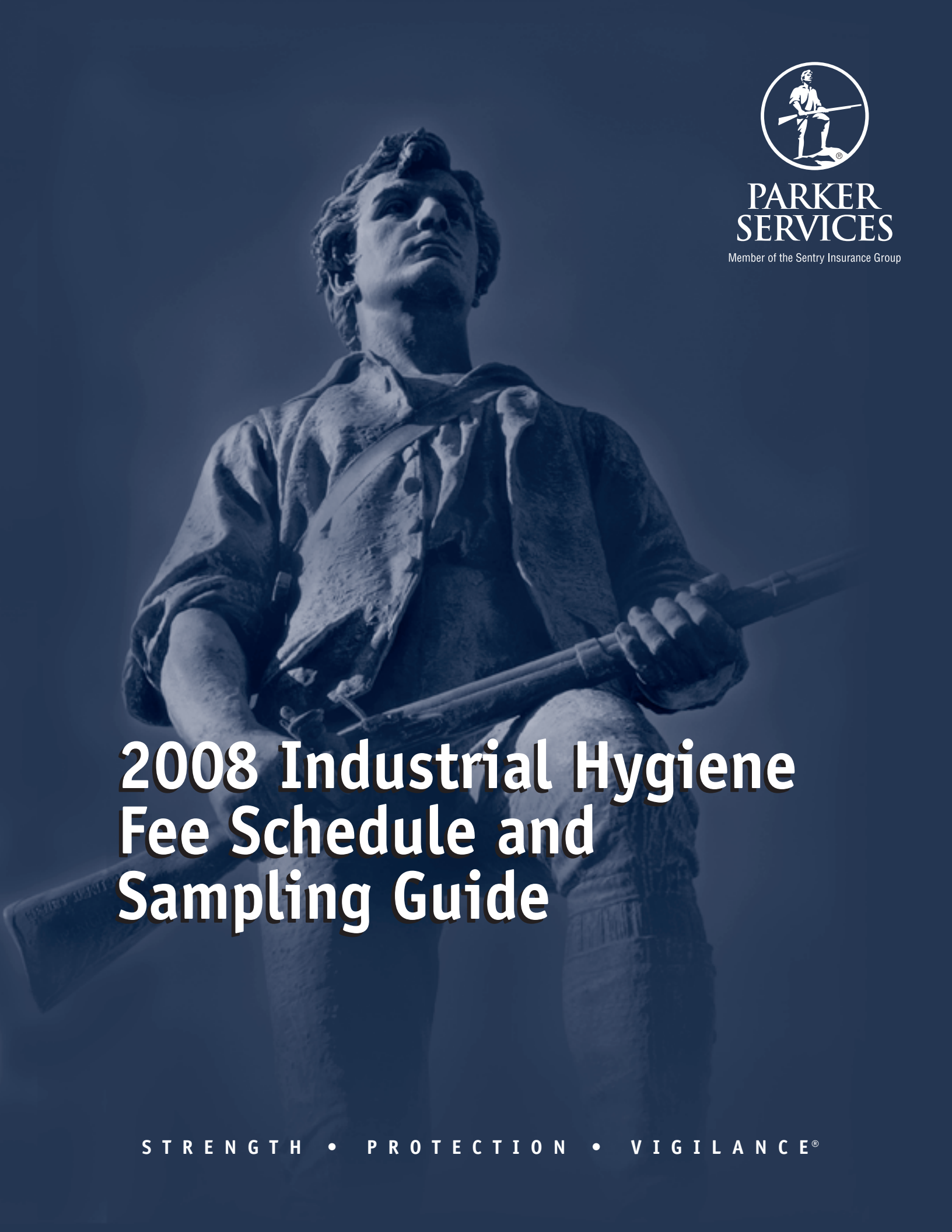

PARKER SERVICES

Member of the Sentry Insurance Group

2008 Industrial Hygiene Fee Schedule and Sampling Guide

STRENGTH • PROTECTION • VIGILANCE®

Year 2008
Fee Schedule &
Field Sampling Guide

1-800-443-9655

parkerserviceslab.com

Parker Services Industrial Hygiene

The frequency and severity of workplace illness is a growing concern for American businesses. With our network of certified industrial hygienists and state-of-the-art laboratory facilities, Parker Services Industrial Hygiene can help your business reduce the risk of occupational diseases that arise from workplace exposures.

Since 1978, Parker Services has been providing quality analytical and consulting services. Though our clientele has grown significantly over the years, we remain focused on the personal service that separates us from our competition.

Our Quality Contract With You

This Fee Schedule and Field Sampling Guide represents our contract with you that Parker Services will maintain the highest possible standards of performance. It is our policy to follow The American Industrial Hygiene Association (AIHA) Laboratory Quality Assurance Program (LQAP) that meets the requirements of ISO/IEC 17025. Parker Services will follow all applicable test methods and to the best of our ability we will follow the sampling and analytical procedures described in the Fee Schedule and Field Sampling Guide.

Parker Services will provide trained analysts that have proven their proficiency on the instruments and methods outlined in this document. Management personnel at Parker Services are committed to the Laboratory Quality Assurance Program. Deviations from the sampling/analytical SOPs shall be discussed with the client and documented.

Laboratory Services

Our laboratory has been accredited by the American Industrial Hygiene Association (AIHA) since 1978 and we participate in the following proficiency testing programs:

- AIHA IH Proficiency Analytical Testing Program
- AIHA Environmental Lead Proficiency Analytical Testing Program
- AIHA Diffusive Monitor Proficiency Analytical Testing Program
- WASP Proficiency Analytical Testing Program-Formaldehyde by DNPH
- EPA National Performance Audit Program for Lead

Industrial Hygiene Consulting Services

Parker Services' staff of four certified industrial hygienists averages more than 20 years of experience in both the field and laboratory. We have conducted a wide range of complete audits, site or contaminant specific surveys, indoor air quality audits, and customized training courses.

For more information on services and hourly consulting rates, please call our toll-free number:

Phone: **1-800-443-9655**
Fax: **1-715-346-6330**
E-mail: **ih@sentry.com**
Web site: **www.parkerserviceslab.com**

Parker Services Industrial Hygiene
1800 North Point Drive
Stevens Point, WI 54481

VISA$_{TM}$, MasterCard$_{TM}$, and American Express$_{TM}$ cards are accepted.

Opening an Account with Parker Services Industrial Hygiene

New Clients

- New clients may choose to use a credit card or include a check with the samples. Samples will be processed within 10 working days of receipt.

Established Clients

- Established clients may choose to issue a purchase order or use a credit card.

Payment Terms

- Parker Services Industrial Hygiene payment terms are 30 days net. Invoices over 30 days without payment may be referred to a collection agency.

Notes and Explanations

- This fee schedule does not include all analyses and services available from Parker Services. Please contact our office for additional information: **1-800-443-9655**.
- There is a 100% surcharge or $100 minimum fee for any requested priority service. Advance notice is required to ensure priority service. **The lab must have advance notice (at least 24 hours) of rush priority service to guarantee analysis in less than 10 working days. Please indicate "rush" on the lab request form.** Blanks will be charged at the same rate as samples when submitted with priority service work. No discounts are applied to priority samples.
- There is a minimum laboratory fee of $50, except for gravimetric analyses.
- Support documentation, including calibration, chromatograms, etc., are available at a charge of $100/hour or minimum charge of $100.
- Standard turnaround time is 10 working days. Time begins when samples reach the laboratory.
- Nonroutine analyses and special requests will be performed at an hourly rate of $100. This includes method development, special lab report preparation, and/or data interpretation. Parker Services reserves the right to charge the hourly rate to fill out necessary lab forms including calculating volumes for the client.
- There will be no returns of purchased media.
- Requests for overnight shipment of sample media or equipment must be received by 1:00 p.m. (Central Time zone)
- Impinger solutions cannot be shipped overnight due to DOT regulations.
- **A sample preparation fee may be charged for some bulk analyses.**
- All bulk samples will be returned to the client.
- **One blank should be submitted for each type of analysis requested in a given batch of samples.** If a blank is not submitted, one will be added to the shipment upon receipt and the cost of the blank material will be added to the cost of analysis. Blank analysis will be charged the minimum analytical fee. Scan blanks will be $80 unless otherwise stated.
- There will be a 10% quantity discount for analyses of 10 or more samples of the same analyte received at the same time. This discount does not apply to priority samples.
- Parker Services performs all analyses in strict confidence. Results will be released only to the client unless specified otherwise by the client.
- **There will be a minimum fee of $20 for all overnight shipment of sampling media. 2-day shipping – $15, and Saturday delivery – $25.**
- Client must submit samples on media that are specified by Parker Services.
- Multiple component solvents such as mineral spirits, naphtha, gasoline and petroleum distillates require a sample of the bulk material to be used as a standard. There will be no extra charge for analyzing this bulk sample.
- Prices and terms of sale contained in this fee schedule are subject to change without prior notice.

General Fee Information

Gas Chromatography (GC) Analysis (FID, MS)

- Organic Scan, Industrial (25 Common Industrial Organics - GC/MS) $190 on charcoal tubes; $215 on organic vapor badge
  - n-Hexane
  - Acetone
  - 1,1,1-Trichloroethane
  - Methyl ethyl ketone
  - Isopropyl alcohol
  - Benzene
  - Trichloroethylene
  - Methyl isobutyl ketone
  - Methylene chloride
  - Perchloroethylene
  - Toluene
  - Butyl acetate
  - Propylene glycol monomethyl ether
  - Ethyl benzene
  - n-Butyl alcohol
  - Xylene
  - Propylene glycol monomethyl ether acetate
  - Styrene
  - 1, 2, 4 - Trimethylbenzene
  - Cyclohexanone
  - Diacetone alcohol
  - Butyl cellosolve
  - Butyl cellosolve acetate
  - Naphthalene
  - Epichlorohydrin

- Organic Scan, IAQ (Indoor Air Quality - GC/MS) $110 on charcoal tubes; $135 on organic vapor badge
  - Toluene
  - Benzene
  - Ethyl benzene
  - Perchloroethylene
  - 1,1,1-Trichlorethane
  - Styrene
  - d-Limonene
  - Isopropyl alcohol
  - Ethanol
  - Xylene

- Common solvents (FID)

Sorbent tubes	first component	$45.00
	each additional component	$15.00
Passive monitors	first component	$45.00
	each additional component	$15.00
Multiple component solvents, total hydrocarbons, blends and special organic compounds (i.e., naphtha, petroleum distillates, etc.)		$50.00

- Aldehydes (NPD)

Formaldehyde, Acrolein, Acetaldehyde (must enclose 3 blank tubes)	first component	$70.00
	each additional component	$25.00

- Pesticides (ECD, FPD)

Malathion, Diazinon, Chlorpyrifos, Toxaphene	first component	$80.00
	each additional component	$40.00

Gas Chromatography/Mass Spectrometry (GC/MS) Thermal Desorption

- Qualitative – (Indoor air quality) peak ID — $120 minimum, $10/peak; Blank analysis – $80
- Peak Confirmation or peak ID – $50/peak
- Call for quotation on special projects

Fourier Transmission Infrared Spectrophotometry (FTIR) Analysis

- Oil mist, mineral (bulk required) $65.00
- Silica (alpha quartz, respirable)
  - Filters $65.00
  - Bulk (includes bulk sample prep fee) $110.00

High Pressure Liquid Chromatography (HPLC) Analysis

■ Diisocyanates (HDI, TDI, MDI, HMDI) (monomers) . . . . . first component $80.00
each additional component $40.00

■ PAH Scan (polynuclear aromatic hydrocarbons) $175.00
- Chrysene
- Anthracene
- Benzo(a)pyrene
- Pyrene
- Phenanthrene

■ Individual PAHs . . . . . first component $85.00
each additional component $40.00

■ Aldehyde Scan (7 aldehydes - HPLC) $155.00
- Formaldehyde
- Acetaldehyde
- Propionaldehyde
- Crotonaldehyde
- Butyraldehyde
- Benzaldehyde
- Valeraldehyde

■ Individual Aldehydes . . . . . first component $70.00
each additional component $20.00

■ Amines . . . . . first component $85.00
each additional component $40.00

Inductively Coupled Plasma Emission Spectrometer (ICP) Analysis

■ Common metals . . . . . first component $28.00
each additional component $14.00

■ Common metal scan (NIOSH 7303) $95.00

Cadmium	Iron	Nickel
Chromium	Lead	Zinc
Copper	Manganese	

■ OSHA welding fume scan (OSHA ID-125G) $150.00

Antimony	Copper	Molybdenum
Beryllium	Iron	Nickel
Cadmium	Lead	Vanadium
Chromium	Manganese	Zinc
Cobalt		

■ Lead in paint chips, soil, and commercial wet wipes. $28.00
(quantity discounts available)

UV/VIS Spectrophotometry

Oxides of Nitrogen (NO/NO_2) $84.00
Hydrogen Cyanide $75.00

Ion Chromatography Analysis (IC)

Hydrobromic acid	first component	$46.00
Hydrochloric acid	each additional component	$18.00
Hydrofluoric acid	any 5	$100.00
Nitric acid		
Phosphoric acid		
Sulfuric acid		
Sulfur dioxide		$60.00
Ozone		$63.00
Amines	first component	$85.00
	each additional component	$25.00

Ion Specific Electrode (ISE)

Ammonia	$50.00
Chlorine	$45.00
Fluorides (gas/aerosol)	$85.00

Gravimetric Analysis

Total or respirable dust	$17.00
Diesel particulate	$60.00
Inhalable particulate mass	$25.00

Sampling Materials

Filter Cassettes - Preassembled

Glass fiber for PAH & CTPV	$5.00
Glass fiber	$1.00
MCEF	$1.00
PTFE	$7.00
PVC (preweighed)	$1.00
Special filters	
• Diisocyanates	$5.00
• Glutaraldehyde	$7.00
• 25 mm matched weight MCEF (welding fume only)	$7.00
• 37 mm matched weight MCEF (welding fume only)	$4.00
• 25 mm MCEF with Cowl (fiber counts)	$2.00
• Ozone filters	$6.00
• 25 mm MCEF	$3.00
• 37 mm non weighed PVC	$1.00
• 25 mm non weighed PVC	$3.00
• 4, 4 Methylene dianiline	$6.00
• Fluoride sets	$5.00
• Metal working fluids	$7.00

Passive Monitors

Organic vapor monitor - high sampling rate (AT-566)	$14.00
Organic vapor monitor - high capacity rate (AT-546)	$15.00
Formaldehyde monitor (AT-571)	$18.00
Ammonia monitor (AT-584)	$14.00
Ozone monitor (AT-586)	$14.00
Acrolein monitor (AT-592)	$18.00

Field Sampling Guide

Abbreviation Codes

- MCEF - mixed cellulose ester membrane filter
- OVM - organic vapor monitor (passive sampling badge)
- OSHA CIM - OSHA Chemical Information Manual
- PVC - polyvinyl chloride filter
- PTFE - teflon™ filter
- PVC - polyvinyl chloride filter
- ORBO™ - Supelco, Inc. - sorbent tube

Compound	CAS #	*Method #	Sampling Media (see insert)	Flow Rate	Vol.-min.	Vol.-max.	Fee Per Sample
Abietic acid	514-10-3	OSHA CIM	Filter glass fiber	2 L/min.	200 L	—	$55
Acetaldehyde	75-07-0	EPA TO-11A	Assay Technology passive monitor, tube DNPH	0.1 to 0.2 L/min.	12 L	96 L	$70
Acetic acid	64-19-7	1603	Charcoal, 100/50 mg	0.1 to 1.0 L/min.	20 L	270 L	$55
Acetone	67-64-1	1300	Charcoal, 100/50 mg, OVM	0.01 to 0.2 L/min.	0.5 L	3 L	$45
Acetonitrile	75-05-8	1606	Charcoal, 400/200 mg, OVM, **ship on ice**	0.01 to 0.2 L/min.	3 L	25 L	$45
Acetophenone	98-86-2	OSHA PV2003	Tenax tube, 30/15 mg	0.1 L/min.	—	12 L	$45
Acetylacetone (2,4-Pentane-dione)	123-54-6	3M	Charcoal, 100/500 mg, OVM XAD-2, 270/140 mg	0.2 L/min.	10 L	30 L	$45
Acids, Inorganic (HF, HCl, H_3PO_4, HBr, HNO_3, H_2SO_4	—	7903	Washed silica gel, 400/200 mg, ORBO™-53	0.2 to 0.5 L/min.	10 L	100 L	$46
Acrolein	107-02-8	Assay Tech.	Assay Technology passive monitor 592	—	15 min.	8 hours	$70
Acrolein	107-02-8	OSHA 52	Treated XAD-2, 150/75mg	0.1 to 0.2 L/min.	3 L	24 L	$70
Acrylamide	76-06-1	OSHA 21	Filter, glass fiber (Swinnex) + silica gel, 150/75 mg	1 L/min.	120 L	120 L	$80
Acrylic acid	79-10-17	OSHA 28	Anasorb 708, 2 tubes in series, 100 mg	0.1 L/min.	1.5 L	24 L	$80
Acrylonitrile	107-13-1	1604	Charcoal, 100/50 mg, OVM	0.01 to 0.2 L/min.	4 L	20 L	$45
Adipic acid	124-09-9	OSHA CIM	OVS-2 sampler, XAD-2, 270/140 mg	0.2 L/min.	15 L	100 L	$55

*All methods are NIOSH unless otherwise noted.

continued

continued

Compound	CAS #	*Method #	Sampling Media (see insert)	Flow Rate	Vol.-min.	Vol.-max.	Fee Per Sample
Aluminum and compounds as Al	—	7303	Filter, 0.8 µm MCEF	1 to 3 L/min.	100 L	1000 L	$28
Amines (IC)							
n-Butylamine	109-73-9	OSHA ID-188 mod	Carbon beads, treated, 500/250 mg	0.1 L/min.	7.5 L	24 L	$85
Cyclohexylamine	108-91-8	OSHA ID-188 mod	Carbon beads, treated, 500/250 mg	0.1 L/min.	7.5 L	24 L	$85
Diethylamine	109-89-7	OSHA ID-188 mod	Carbon beads, treated, 500/250 mg	0.1 L/min.	7.5 L	24 L	$85
Diethylethanolamine	100-37-8	OSHA ID-188 mod	Carbon beads, treated, 500/250 mg	0.1 L/min.	7.5 L	24 L	$85
Diisobutylamine	110-96-3	OSHA ID-188 mod	Carbon beads, treated, 500/250 mg	0.1 L/min.	7.5 L	24 L	$85
Diisopropylamine	108-18-9	OSHA ID-188 mod	Carbon beads, treated, 500/250 mg	0.1 L/min.	7.5 L	24 L	$85
Dimethylethylamine	598-56-1	OSHA ID-188 mod	Carbon beads, treated, 500/250 mg	0.1 L/min.	7.5 L	24 L	$85
Dimethylisopropylamine	996-35-0	OSHA ID-188 mod	Carbon beads, treated, 500/250 mg	0.1 L/min.	7.5 L	24 L	$85
Ethylamine	75-04-7	OSHA ID-188 mod	Carbon beads, treated, 500/250 mg	0.1 L/min.	7.5 L	24 L	$85
Ethylenediamine	107-15-3	OSHA ID-188 mod	Carbon beads, treated, 500/250 mg	0.1 L/min.	7.5 L	24 L	$85
Methylamine	74-89-5	OSHA ID-188 mod	Carbon beads, treated, 500/250 mg	0.1 L/min.	7.5 L	24 L	$85
Morpholine	110-91-8	OSHA ID-188 mod	Carbon beads, treated, 500/250 mg	0.1 L/min.	7.5 L	24 L	$85
Triethanolamine	102-71-6	OSHA ID-188 mod	Carbon beads, treated, 500/250 mg	0.1 L/min.	7.5 L	24 L	$85
Triethylamine	121-44-8	OSHA ID-188 mod	Carbon beads, treated, 500/250 mg	0.1 L/min.	7.5 L	24 L	$85
Trimethylamine	75-50-3	OSHA ID-188 mod	Carbon beads, treated, 500/250 mg	0.1 L/min.	7.5 L	24 L	$85
Amines (HPLC)							
Diethanolamine	111-42-2	OSHA 60 mod	XAD-2, treated, 80/40 mg	0.1 L/min.	10 L	10 L	$85
Diethylenetriamine	111-40-4	OSHA 60 mod	XAD-2, treated, 80/40 mg	0.1 L/min.	10 L	10 L	$85
Dimethylamine	124-40-3	OSHA 60 mod	XAD-2, treated, 80/40 mg	0.1 L/min.	10 L	10 L	$85
Ethanolamine	141-43-5	OSHA 60 mod	XAD-2, treated, 80/40 mg	0.1 L/min.	10 L	10 L	$85
Tetraethylenepentamine	112-57-2	OSHA 60 mod	XAD-2, treated, 80/40 mg	0.1 L/min.	10 L	10 L	$85
Triethylenetetramine	112-24-3	OSHA 60 mod	XAD-2, treated, 80/40 mg	0.1 L/min.	10 L	10 L	$85
n-Amyl acetate	628-63-7	1450	Charcoal, 100/50 mg, OVM	0.01 to 0.2 L/min.	1 L	10 L	$45
sec-Amyl acetate	626-38-0	1450	Charcoal, 100/50 mg, OVM	0.01 to 0.2 L/min.	1 L	10 L	$45
Ammonia	7664-41-7	Assay Tech.	Assay Technology passive monitor	—	15 min.	8 hours	$50
Ammonia	7664-41-7	S-347	Silica gel, treated 200/100 mg	0.1 to 0.2 L/min.	30 L	—	$50
Aniline (aromatic amine)	62-53-3	2017	Filter, glass fiber, treated + Silica gel	0.2 L/min.	5 L	50 L	$80
Aniline	62-53-3	2002	Silica gel	0.02 to 1 L/min.	2 L	20 L	$80

*All methods are NIOSH unless otherwise noted.

Compound	CAS #	*Method #	Sampling Media (see insert)	Flow Rate	Vol.-min.	Vol.-max.	Fee Per Sample
Arsenic and compounds, as As	—	7303	Filter, 0.8 µm MCEF	1 to 3 L/min.	200 L	1000 L	$28
Asphalt fume (methylene chloride extractables)	8052-42-4	OSHA 58	Filter, glass fiber	1 to 4 L/min.	960 L	—	$65
Barium, soluble compounds	—	7303	Filter, 0.8 µm MCEF	1 to 4 L/min.	50 L	2000 L	$28
Benzaldehyde	100-52-7	Assay Tech., EPA TO-11A	Assay Technology passive monitor, tube DNPH	— 0.1 to 0.2 L/min.	15 min. 12 L	8 hours 96 L	$70
Benzene	71-43-2	1500 & 1501	Charcoal, 100/50 mg, OVM	0.2 L/min. 2 hour for OVM	2 L	20 L	$45
Benzoyl peroxide	94-36-0	5009	Filter, 5 µm, PTFE **ship on ice**	1 to 3 L/min.	40 L	400 L	$75
Beryllium and compounds, as Be	—	7303	Filter, 0.8 µm MCEF	1 to 4 L/min.	800 L	1000 L	$28
Biphenyl (Diphenyl)	95-52-4	OSHA CIM	XAD-7, 100/50 mg	0.2 L/min.	—	20 L	$45
Bisphenol A	80-05-7	333	Filter, glass fiber	1.5 L/min.	60 L	360 L	$75
Bromoform	75-25-2	1003	Charcoal, 100/50 mg, OVM	0.2 L/min.	10 L	10 L	$45
2-Butanone (Methyl ethyl ketone)	78-93-3	2500	OVM, Anasorb 747, charcoal, beaded carbon, 70/140 mg	0.01 to 0.2 L/min.	0.25 L	12 L	$45
1,3 Butadiene	106-99-0	OSHA 56	Coated charcoal, 100/50 mg, OVM	0.05 L/min.	3 L	—	$60
2-Butoxyethanol (Butyl cellosolve)	111-76-2	1403	Charcoal, 100/50 mg, OVM	0.01 to 0.05 L/min.	1 L	10 L	$45
gamma-Butyrolactone	96-48-0	OSHA CIM	Charcoal, 100/50 mg, OVM	0.2 to 1 L/min.	2 L	10 L	$45
n-Butyl acetate	123-86-4	1450	Charcoal, 100/50 mg, OVM	0.01 to 0.2 L/min.	1 L	10 L	$45
sec-Butyl acetate	105-46-4	1450	Charcoal, 100/50 mg, OVM	0.01 to 0.2 L/min.	1 L	10 L	$45
t-Butyl acetate	540-88-5	1450	Charcoal, 100/50 mg, OVM	0.01 to 0.2 L/min.	1 L	10 L	$45
Butyl acrylate	141-32-2	1450	Charcoal, 100/50 mg, OVM	0.01 to 0.2 L/min.	1 L	10 L	$45
n-Butyl alcohol	71-36-3	1401	Charcoal, 100/50 mg, OVM	0.01 to 0.2 L/min.	1 L	10 L	$45
sec-Butyl alcohol	78-92-2	1401	Charcoal, 100/50 mg, OVM	0.01 to 0.2 L/min.	1 L	10 L	$45
t-Butyl alcohol	75-65-0	1401	Charcoal, 100/50 mg, OVM	0.01 to 0.2 L/min.	1 L	10 L	$45
Butyl glycidyl ether	2426-08-6	1616	Charcoal, 100/50 mg, OVM	0.2 L/min.	15 L	30 L	$45
Butyl methacrylate	97-88-1	1450	Charcoal, 100/50 mg, OVM	0.01 to 0.2 L/min.	1 L	10 L	$45

*All methods are NIOSH unless otherwise noted.

continued

continued

Compound	CAS #	*Method #	Sampling Media (see insert)	Flow Rate	Vol.-min.	Vol.-max.	Fee Per Sample
Butylated hydroxy toluene	128-37-0	226, OSHA PV	Silica gel, 150/75 mg OVS-7	0.2 L/min. 0.1 to 1 L/min.	3 L 15 L	10 L 100 L	$45
Butyraldehyde	123-72-8	Assay Tech., EPA TO-11A	Assay Technology passive monitor, tube DNPH	0.1 to 0.2 L/min.	15 min. 12 L	8 hours 96 L	$70
Cadmium and compounds, as Cd	—	7303	Filter, 0.8 µm, MCEF	1 to 3 L/min.	400 L	1500 L	$28
Calcium and compounds, as Ca	—	7303	Filter, 0.8 µm, MCEF	1 to 3 L/min.	100 L	400 L	$28
Caprolactam	105-60-2	OSHA PV2012	OVS-7 sampler, XAD-7, 200/100 mg	0.1 to 1 L/min.	15 L	100 L	$75
Captan	133-06-2	OSHA CIM	OVS-2 sampler (XAD-2)	1 L/min.	60 L	60 L	$75
Carbon black (extraction)	1333-86-4	OSHA ID 196	Filter, tared 5 µm PVC	2 L/min.	480 L	960 L	$65
Carbon black (gravimetric)	1333-86-4	5000	Filter, tared 5 µm PVC	2 L/min.	480 L	960 L	$17
Carbon disulfide	75-15-0	1600	Charcoal + drying tube	0.01 to 0.2 L/min.	2 L	25 L	$80
Carbon tetrachloride	56-23-5	1003	Charcoal, 100/50 mg, OVM	0.01 to 0.2 L/min.	3 L	15 L	$45
Cathechol	120-80-9	OSHA 32	XAD-7 tube, 100/50 mg	0.05 to 0.1 L/min.	1.5 L	24 L	$70
Chlorine	7782-50-5	OSHA ID-101	Impinger, 0.1% Sulfamic acid	0.5 to 1 L/min.	15 L	300 L	$50
Chloroacetic acid	79-11-8	2008	Washed silica gel - ORBO™-53, 400/200 mg	0.05 to 0.2 L/min.	20 L	100 L	$46
Chlorobenzene	108-90-7	1003	Charcoal, 100/50 mg, OVM	0.01 to 0.2 L/min.	1.5 L	40 L	$45
p-Chlorophenol	106-48-9	2014	Silica gel, 150/75 mg	0.05 to 0.2 L/min.	1.5 L	40 L	$55
Chloroprene	126-99-8	1002	Charcoal, 100/50 mg, OVM	0.1 L/min.	10 L	10 L	$45
o-Chlorotoluene	95-49-8	1003	Charcoal, 100/50 mg, OVM	0.2 L/min.	20 L	20 L	$45
Chlorpyrifos (Dursban™)	2921-88-2	5600 OSHA 62	OVS tube, Filter/solid sorbent, XAD-2, 270/140 mg	0.2 to 1 L/min.	12 L	240 L	$80
Chromium and compounds, as Cr	—	7303	Filter, 0.8 µm MCEF	1 to 3 L/min.	400 L	1000 L	$28
Chromium, hexavalent	—	OSHA ID 215	Filter, 5 µm PVC	1 to 2 L/min.	200 L	960 L	$65
Coal tar pitch volatiles (methylene chloride extractables)	65996-93-2	OSHA 58	Filter, glass fiber	2 to 4 L/min.	960 L	2400 L	$65

*All methods are NIOSH unless otherwise noted.

Compound	CAS #	*Method #	Sampling Media (see insert)	Flow Rate	Vol.-min.	Vol.-max.	Fee Per Sample
Cobalt and compounds, as Co	—	7303	Filter, 0.8 µm MCEF	1 to 3 L/min.	100 L	1500 L	$28
Copper (dust and fume)	—	7303	Filter, 0.8 µm MCEF	1 to 3 L/min.	100 L	1500 L	$28
Cresol, all isomers	1319-77-3	OSHA 32	XAD-7 tube, 100/50 mg	0.01 to 0.1 L/min.	1 L	24 L	$70
Cumene (Isopropylbenzene)	98-82-8	1501	Charcoal, 100/50 mg, OVM	0.2 L/min.	10 L	30 L	$45
Cyclohexane	110-82-7	1500	Charcoal, 100/50 mg, OVM	0.2 L/min.	2.5 L	5 L	$45
Cyclohexanol	108-93-0	1402	Charcoal, 100/50 mg, OVM	0.01 to 0.2 L/min.	1 L	10 L	$45
Cyclohexanone	108-94-1	1300	Charcoal, 100/50 mg, OVM	0.01 to 0.2 L/min.	1 L	25 L	$45
Cyclohexene	110-83-8	1500	Charcoal, 100/50 mg, OVM	0.2 L/min.	5 L	7 L	$45
Cypermethrin	52315-07-8	OSHA CIM	OVS tube, Filter/solid sorbent, XAD-2, 270/140 mg	1 L/min.	—	60 L	$80
Desflurane	57041-67-5	OSHA 106	Anasorb 747 tube, 140/70 mg, OVM	0.05 L/min.	3 L	3 L	$45
Diacetone alcohol	123-42-2	1402	Charcoal, 100/50 mg, OVM	0.01 to 0.2 L/min.	1 L	10 L	$45
Diazinon	333-41-5	5600 OSHA 62	OVS tube, Filter/solid sorbent, XAD-2, 270/140 mg	0.2 to 1 L/min.	12 L	240 L	$80
1,2-Dibromo-3-chloropropane	96-12-8	OSHA CIM	Charcoal, petroleum based, 100/50 mg	0.1 to 0.2 L/min.	10 L	—	$45
Dibutyl phthalate and Di (2-ethylhexyl) phthalate (DOP)	84-74-2	5020	Filter, 0.8 µm MCEF	1 to 3 L/min.	10 L	200 L	$55
o-Dichlorobenzene	95-50-1	1003	Charcoal, 100/50 mg, OVM	0.01 to 0.2 L/min.	1 L	60 L	$45
p-Dichlorobenzene	106-46-7	1003	Charcoal, 100/50 mg, OVM	0.01 to 0.2 L/min.	1 L	10 L	$45
1,1-Dichloroethane	75-34-3	1003	Charcoal, 100/50 mg, OVM	0.01 to 0.2 L/min.	5 L	15 L	$45
1,2-Dichloroethane (Ethylene dichloride)	107-06-2	1003	Charcoal, 100/50 mg, OVM	0.01 to 0.2 L/min.	5 L	50 L	$45
Dichlorodifluoro-methane (Freon 12) or 1,2-Dichlorotetra-fluoroethane (Freon 114)	75-71-8 76-14-2	1018	Charcoal, 350/350/350 mg	0.01 to 0.05 L/min.	1 L	4 L	$45
Dichlorofluoromethane (Freon 21)	75-43-4	2516	2 Charcoal tubes in series, 400/200 mg	0.01 to 0.05 L/min.	0.25 L	3 L	$45

*All methods are NIOSH unless otherwise noted.

continued

continued

Compound	CAS #	*Method #	Sampling Media (see insert)	Flow Rate	Vol.-min.	Vol.-max.	Fee Per Sample
Dichloropropane (Propylene dichloride)	78-87-5	S-95	Charcoal, 100/50 mg	0.2 L/min.	3 L	10 L	$45
Diethyl phthalate	84-66-2	OSHA 104	OVS-2 sampler (XAD-2, 270/140 mg)	1 L/min.	60 L	—	$55
Diethylene glycol dibutyl ether (Dibutyl carbitol)	112-73-2	1403 mod	Charcoal, 100/50 mg, OVM	0.05 to 0.1 L/min.	2 L	10 L	$45
Diethylene glycol diethyl ether	112-36-7	1403 mod	Charcoal, 100/50 mg	0.05 to 0.1 L/min.	2 L	10 L	$45
Diethylene glycol dimethyl ether	111-96-6	1403 mod	Charcoal, 100/50 mg	0.05 to 0.1 L/min.	2 L	10 L	$45
Diethylene glycol monobutyl ether (Butyl carbitol)	112-34-5	1403 mod	Charcoal, 100/50 mg, OVM	0.05 to 0.1 L/min.	2 L	10 L	$45
Diethylene glycol monoethyl ether (Carbitol)	111-90-0	1403 mod	Charcoal, 100/50 mg, OVM	0.05 to 0.1 L/min.	2 L	10 L	$45
Diethylene glycol monomethyl ether (Methyl carbitol)	111-77-3	1403 mod	Charcoal, 100/50 mg	0.05 to 0.1 L/min.	2 L	10 L	$45
Diisobutyl ketone	108-83-8	1300	Charcoal, 100/50 mg, OVM	0.01 to 0.2 L/min.	1 L	25 L	$45
Dimethyl phthalate	131-11-3	OSHA 104	OVS-2 sampler (XAD-2, 270/140 mg)	1 L/min.	60 L	—	$55
Dimethyl sulfide	75-18-3	OSHA CIM	Charcoal tube, 100/50 mg	0.1 L/min.	10 L	10 L	$80
Dioxane	123-91-1	1602	Charcoal, 100/50 mg, OVM	0.01 to 0.2 L/min.	2 L	15 L	$45
Dipropylene glycol methyl ether	34590-94-8	1403 mod	Charcoal, 100/50 mg, OVM	0.05 to 0.1 L/min.	2 L	10 L	$45
Dipropylene glycol methyl ether acetate	88917-22-0	1403 mod	Charcoal, 100/50 mg	0.05 to 0.1 L/min.	2 L	10 L	$45
Elements (ICP) Ag, Al, As, Ba, Be, B, Bi, Ca, Ce, Cd, Co, Cr, Cu, Fe, In, K, Li, Mg, Mn, Mo, Na, Ni,P, Pb, Pr, Sb, Se, Sn, Sr, Ta, Ti, Tl, V, W, Y, Zn, Zr	—	7303	Filter, 0.8 µm MCEF	1 to 4 L/min.	400 L	1000 L	$28

*All methods are NIOSH unless otherwise noted.

Compound	CAS #	*Method #	Sampling Media (see insert)	Flow Rate	Vol.-min.	Vol.-max.	Fee Per Sample
Enflurane	13838-16-9	OSHA 29 OSHA 103	2 Charcoal in series, 100/50 mg, OVM Anasorb 747 tube, 140/70 mg	0.1 L/min. 0.05 L/min.	10 L 10 L	10 L 10 L	$45
Epichlorohydrin	106-89-8	1010	Charcoal, 100/50 mg, OVM	0.01 to 0.2 L/min.	2 L	30 L	$45
2-Ethoxyethanol (Cellosolve)	110-80-5	1403	Charcoal, 100/50 mg, OVM	0.01 to 0.05 L/min.	3 L	10 L	$45
2-Ethoxyethyl acetate (Cellosolve acetate)	111-15-9	1450	Charcoal, 100/50 mg, OVM	0.01 to 0.2 L/min.	3 L	10 L	$45
Ethyl acetate	141-78-6	1457	Charcoal, 100/50 mg, OVM	0.2 L/min.	1 L	10 L	$45
Ethyl acrylate	140-88-5	1450	Charcoal, 100/50 mg, OVM	0.01 to 0.2 L/min.	1 L	10 L	$45
Ethyl alcohol (ethanol)	64-17-5	1400	Charcoal, 100/50 mg, OVM	0.01 to 0.2 L/min.	1 L	10 L	$45
Ethyl bromide	74-96-4	1011	Charcoal, 100/50 mg, OVM	0.01 to 0.2 L/min.	0.5 L	4 L	$45
Ethyl butyl ketone (3-Heptanone)	106-35-4	1301	Charcoal, 100/50 mg, OVM	0.01 to 0.2 L/min.	1 L	25 L	$45
Ethyl-2-cyanoacrylate	7085-85-0	OSHA 55	XAD-7, treated, 80/40 mg, **ship on ice**	0.1 L/min.	2 L	12 L	$80
Ethyl ether	60-29-7	1610	Charcoal, 100/50 mg, OVM	0.01 to 0.2 L/min.	1 L	3 L	$45
2-Ethyl hexyl acrylate	103-11-7	OSHA PV2026	Charcoal, treated	0.01 to 0.2 L/min.	1 L	10 L	$45
Ethyl lactate	97-64-3	1402	Charcoal, 100/50 mg, OVM	0.05 to 0.2 L/min.	2 L	10 L	$45
Ethyl methacrylate	97-63-2	OSHA CIM	Charcoal, 100/50 mg, OVM	0.01 to 0.2 L/min.	1 L	10 L	$45
Ethylbenzene	100-41-4	1501	Charcoal, 100/50 mg, OVM	0.2 L/min.	10 L	24 L	$45
Ethylene chlorohydrin	107-07-3	2513	Charcoal, petroleum, 100/50 mg, OVM	0.01 to 0.2 L/min.	2 L	35 L	$45
Ethylene dibromide	106-93-4	1008	Charcoal, 100/50 mg, OVM	0.02 to 0.2 L/min.	1 L	25 L	$45
Ethylene glycol	107-21-1	5523	OVS-7 sampler (XAD-7, 200/100 mg) **ship on dry ice**	0.5 to 2 L/min.	1.0 L	60 L	$55
Ethylene oxide	75-21-8	OSHA 50	HBr Coated Charcoal, 100/50 mg	0.1 L/min.	1.5 L	24 L	$85
Fluorides, aerosol and gas	—	7902	Filter, .8 μm MCEF + $NaCO_3$ pad in series	1 to 2 L/min.	20 L	800 L	$85
Formaldehyde	50-00-0	EPA TO-11A	Tube DNPH	0.1 to 0.2 L/min.	12 L	96 L	$70
Formaldehyde	50-00-0	OSHA 52	Treated XAD-2, 150/75 mg	0.1 to .02 L/min.	3 L	24 L	$70
Formaldehyde (STEL or TWA)	50-00-0	Assay Tech.	Assay Technology passive monitor	—	15 min.	8 hours	$70

*All methods are NIOSH unless otherwise noted.

continued

continued

Compound	CAS #	*Method #	Sampling Media (see insert)	Flow Rate	Vol.-min.	Vol.-max.	Fee Per Sample
Formic acid	64-18-6	OSHA ID 186 SG	Charcoal, 100/50 mg	0.2 L/min.	2 L	48 L	$50
Furfural	98-01-1	OSHA 72	Charcoal, petroleum based, 100/50 mg	1 L/min.	180 L	—	$45
Furfuryl alcohol	98-00-0	2505	Poropak-Q, 150/75 mg, OVM	0.01 to 0.05 L/min.	3 L	25 L	$45
Gasoline	86290-81-5	1550	Charcoal, 100/50 mg, OVM	0.2 L/min.	3 L	10 L	$50
Glutaraldehyde	111-30-8	Assay Tech., EPA TO-11A	Assay Technology passive monitor, tube DNPH	— 0.1 to 0.2 L/min.	15 min. 12 L	8 hours 96L	$70
Glutaraldehyde	111-30-8	OSHA 64	Coated 4 piece glass fiber filter* * (sample open face)	1 L/min.	15 L	120 L	$75
Glycerol propoxytriacrylate	52408-84-1	OSHA CIM	XAD-7, tube, 100/50 mg	0.02 to 0.1 L/min.	2 L	10 L	$75
Halothane	151-67-7	OSHA 29 OSHA 103	2 Charcoal in series, 100/50 mg, OVM Anasorb 747 tube, 140/70 mg	0.1 L/min. 0.05 L/min.	10 L 10 L	10 L 10 L	$45
n-Heptane	142-82-5	1500	Charcoal, 100/50 mg, OVM	0.2 L/min.	4 L	4 L	$45
2-Heptanone (Methyl n-amyl ketone)	110-43-0	1301	Charcoal, 100/50 mg, OVM	0.01 to 0.2 L/min.	1 L	25 L	$45
3-Heptanone	106-35-4	1301	Charcoal, 100/50 mg, OVM	0.01 to 0.2 L/min.	1 L	25 L	$45
Hexachloroethane	67-72-1	1003	Charcoal, 100/50 mg, OVM	0.01 to 0.2 L/min.	3 L	70 L	$45
n-Hexane	110-54-3	1500	Charcoal, 100/50 mg, OVM	0.2 L/min.	4 L	4 L	$45
1,6 Hexanediol diacrylate	13048-33-4	OSHA CIM	XAD-7 tube, 100/50 mg	0.02 L/min.	—	10 L	$75
Hexanol	111-27-3	OSHA CIM	Charcoal, 100/50 mg, OVM	0.2 L/min.	2 L	10 L	$45
2-Hexanone	591-78-6	1300	Charcoal, 100/50 mg, OVM	0.01 to 0.2 L/min.	1 L	25 L	$45
Hexylene glycol	107-41-5	5523	OVS-7 sampler, (XAD-7, 200/100 mg)	0.2 L/min.	1 L	10 L	$55
Hydrogen bromide	10035-10-6	7903	Washed silica gel, 400/200 mg (ORBO™ 53)	0.2 to 0.5 L/min.	10 L	100 L	$46
Hydrogen chloride	7647-01-0	7903	Washed silica gel, 400/200 mg (ORBO™ 53)	0.2 to 0.5 L/min.	10 L	100 L	$46
Hydrogen cyanide	74-90-8	6010	Tube, soda lime	0.05 to 0.2 L/min.	2 L	90 L	$75
Hydrogen fluoride	7664-39-3	7903	Washed silica gel, 400/200 mg (ORBO™ 53)	0.2 to 0.5 L/min.	10 L	100 L	$46
Hydroquinone	123-31-9	OSHA PV2094	XAD-7, tube, 80/40 mg	0.2 L/min.	20 L	—	$75

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Compound	CAS #	*Method #	Sampling Media (see insert)	Flow Rate	Vol.-min.	Vol.-max.	Fee Per Sample
2-Hydroxyethyl acrylate	818-61-1	OSHA CIM	Silica gel, 520/260 mg	0.01 to 0.2 L/min.	1 L	10 L	$75
2-Hydroxyethyl methacrylate	868-77-9	OSHA CIM	Charcoal, 100/50 mg	0.01 to 0.2 L/min.	1 L	10 L	$45
Indene	95-13-6	OSHA CIM	Chromosorb 106, 600/300 mg	0.2 L/min.	—	10 L	$45
Inhalable Particulate Mass	—	0500 IOM	IOM sampler, stainless steel tared 25 mm PVC, 5 µm pore size	2 L/min.	120L	960L	$25
Isoamyl acetate	123-92-2	1450	Charcoal, 100/50 mg, OVM	0.01 to 0.2 L/min.	1 L	10 L	$45
Isoamyl alcohol	123-51-3	1402	Charcoal, 100/50 mg, OVM	0.01 to 0.2 L/min.	1 L	10 L	$45
Isobutyl acetate	110-19-0	1450	Charcoal, 100/50 mg, OVM	0.01 to 0.2 L/min.	1 L	10 L	$45
Isobutyl alcohol	78-83-1	1401	Charcoal, 100/50 mg, OVM	0.01 to 0.2 L/min.	1 L	10 L	$45
Isocyanates, monomers MDI HDI 2,4-TDI 2,6-TDI HMDI IDI	 101-68-8 822-06-0 584-84-9 91-08-7 5124-30-1 4098-71-9	OSHA 42, 47	Filter, glass fiber, treated (sample open face) shelf life 2 months in freezer**	1 L/min (open face)	30 L	100 L	$80
Isoflurane	26675-46-7	OSHA 29 OSHA 103	2 Charcoal tubes in series, 100/50 mg Anasorb 747 tube, 140/70 mg	0.1 L/min. 0.05 L/min	10 L 10 L	10 L 10 L	$45
Isophorone	78-59-1	2508	Charcoal, 100/50 mg, OVM	0.01 to 1 L/min.	2 L	25 L	$45
Isopropyl acetate	108-21-4	1454	Charcoal, 100/50 mg, OVM	0.2 L/min.	1 L	9 L	$45
Isopropyl alcohol	67-63-0	1400	Charcoal, 100/50 mg, OVM	0.01 to 0.2 L/min.	1 L	10 L	$45
Kerosene	8008-20-6	1550	Charcoal, 100/50 mg	0.01 to 0.2 L/min.	2 L	20 L	$50
Lead (airborne)	—	7303	Filter, 0.8 µm MCEF	1 to 4 L/min.	200 L	1200 L	$28
Lead (dust wipes)	—	ASTM E1613	Commercial wet wipes (non-alcohol containing)	N/A	N/A	N/A	$28
Lead (paint chips)	—	ASTM E1613	Contact Lab	N/A	N/A	N/A	$28
Lead (soil)	—	ASTM E1613	1/2 cup in baggie or glass vial	N/A	N/A	N/A	$28
Lead (wipes)	—	ASTM E1613	Filter, 0.8 µm MCEF or smear tab	N/A	N/A	N/A	$28
d-Limonene	5989-27-5	1552	Charcoal, 100/50 mg, OVM	0.01 to 0.2 L/min.	2 L	30 L	$45
Malathion	121-75-5	5600 OSHA 62	OVS tube, Filter/solid sorbent, XAD-2, 270/140 mg	0.2 to 1 L/min.	12 L	60 L	$80

*All methods are NIOSH unless otherwise noted.

continued

continued

Compound	CAS #	*Method #	Sampling Media (see insert)	Flow Rate	Vol.-min.	Vol.-max.	Fee Per Sample
Metals (see Elements)	—						
Metal working fluids	—	ASTM PS 42-97	Filter, 2 µm PTFE, tared**	2 L/min.	240 L	960 L	$80
Methanol	67-56-1	2000	Silica Gel, 520/260 mg	0.02 to 0.2 L/min.	1 L	5 L	$45
2-Methoxyethanol	109-86-4	1403	Charcoal, 100/50 mg, OVM	0.01 to 0.05 L/min.	3 L	10 L	$45
2-Methoxyethyl acetate	110-49-6	1450	Charcoal, 100/50 mg, OVM	0.1 to 0.2 L/min.	3 L	10 L	$45
Methyacrylic acid	79-41-4	OSHA PV2005	Anasorb 708, 2 tubes in series 100mg	0.1 L/min.	1.5 L	24 L	$75
Methyl acrylate	96-33-3	1459	Charcoal, 100/50 mg, OVM	0.01 to 0.2 L/min.	1 L	10 L	$45
Methyl ethyl ketone (2-Butanone)	78-93-3	2500	OVM, Anasorb 747, charcoal, beaded carbon, 70/140 mg	0.01 to 0.2 L/min.	0.25 L	12 L	$45
Methyl ethyl ketoxime	96-29-7	OSHA 7	Silica gel, 100/50 mg	0.05 to 0.5L/min.	14 L	14 L	$45
Methyl isoamyl ketone	110-12-3	OSHA PV2042	Charcoal, 100/50 mg, OVM	0.2 L/min.	25 L	25 L	$45
Methyl isobutyl ketone (Hexone)	108-10-1	1300	Charcoal, 100/50 mg, OVM	0.01 to 0.2 L/min.	1 L	25 L	$45
Methyl methacrylate	80-62-6	Assay Tech.	OVM, passive	—	2 hours	8 hours	$45
n-Methyl pyrrolidinone	872-50-4	GAF/In-house	Charcoal, 100/50 mg, OVM	0.1 to 1 L/min.	60 L		$45
Methyl n-amyl ketone (2-Heptanone)	110-43-0	1301	Charcoal, 100/50 mg, OVM	0.01 to 0.2 L/min.	1 L	25 L	$45
alpha-Methyl styrene	98-83-9	1501	Charcoal, 100/50 mg	0.2 L/min.	3 L	10 L	$45
Methyl sulfide	75-18-3	OSHA CIM	Charcoal tube, 100/50 mg	0.1 L/min.	10 L	10 L	$80
4,4 Methylene bis (o-Chloroaniline)	101-14-4	OSHA 71	Filter, glass fiber, treated**	1 L/min.	100 L	100 L	$85
Methylene chloride	75-09-2	1005 OSHA 59	2 Charcoal tubes in series, 100/50 mg, Charcoal 350/350/350 mg	0.01 to 0.2 L/min. 0.05 L/min.	0.5 L —	2.5 L 10 L	$45
4,4-Methylene dianiline	101-77-9	OSHA 57	2 treated glass fiber filters (Transfer to vial containing 2 ml. D.I.H_2O)**	1 L/min.	100 L	—	$85
Mineral spirits	—	1550	Charcoal, 100/50 mg	0.01 to 0.2 L/min.	2 L	20 L	$50
Naphthylamines, (alpha, beta)	134-32-7 91-59-8	5518	Glass fiber filter + silica gel 150/50 mg **ship on ice**	0.2 to 0.8 L/min.	30 L	100 L	$85
Naphthalene	91-20-3	1501	Charcoal, 100/50 mg, OVM	1 L/min.	200 L	200 L	$45

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Compound	CAS #	*Method #	Sampling Media (see insert)	Flow Rate	Vol.-min.	Vol.-max.	Fee Per Sample
Nicotine	54-11-5	ASTM D-5075	XAD-4, tube, 80/40 mg	0.5 to 1 L/min.	7.5 L	480 L	$55
Nitric acid	7697-37-2	7903	Washed silica gel, 400/200 mg (ORBO™ 53)	0.2 to 0.5 L/min.	10 L	100 L	$46
Nitroethane	79-24-3	2526	XAD-2, 2 tubes in series, 600 and 300 mg	0.01 to 0.05 L/min.	1.5 L	3 L	$55
Nitrogen dioxide/ Nitric oxide	10102-44-0 10102-43-9	6014	Mole sieve, (ORBO™ - 76)	0.025 L/min.	1 L	6 L	$84
Nitromethane	75-52-5	2527	Chromosorb 106, 600/300 mg	0.01 to 0.05 L/min.	1.2 L	3 L	$55
Nuisance dust, respirable	—	0600	10mm cyclone + filter, 5 µm PVC, tared	dependent on cyclone	100 L	800 L	$17
Nuisance dust, total	—	0500	Filter, 5 µm PVC, tared	1.5 to 2 L/min.	100 L	800 L	$17
n-Octane	111-65-9	1500	Charcoal, 100/50 mg, OVM	0.2 L/min.	4 L	4 L	$45
Oil mist (mineral, must submit bulk)	—	5026	Filter, 5 µm PVC, tared	1 to 2 L/min.	240 L	960 L	$65
Organic scan (IAQ)	—	OSHA 7	Charcoal, 100/50 mg, OVM	0.04 to 0.1 L/min.	50 L	100 L	$110/$135
Organic scan (industrial)	—	OSHA 7	Charcoal, 100/50 mg, OVM	0.02 to 0.1 L/min.	10 L	10 L	$190/$215
Oxalic acid	144-62-7	OSHA CIM	Filter, 0.8 µm MCEF	2 L/min.	30 L	960 L	$46
Ozone	10028-15-6	OSHA ID-214	Filter, glass fiber (2-week shelf life), treated**	0.25 to 0.5 L/min.	22.5 L	90 L	$63
Ozone	10028-15-6	Assay Tech.	Assay Technology passive monitor	—	480 min.	—	$63
Paraffin wax fume	8002-74-2	OSHA PV2047	Filter, glass fiber	1 to 2 L/min.	100 L	480 L	$55
Pentachlorophenol	87-86-5	OSHA 39	XAD-7, 2 tubes in series, 175 mg, a third tube is needed as a cap after sampling	0.2 to 0.5 L/min.	8 L	48 L	$80
n-Pentane	109-66-0	1500	Charcoal, 100/50 mg, OVM	0.05 L/min.	2 L	2 L	$45
Perchloroethylene (Tetrachloroethylene)	127-18-4	1003	Charcoal, 100/50 mg, OVM	0.01 to 0.2 L/min.	1 L	40 L	$45
Phenol	108-95-2	OSHA 32	XAD-7, tube, 100/50 mg	0.05 to 0.1 L/min.	1.5 L	24 L	$70
2-Phenoxyethanol	122-99-6	OSHA CIM	Charcoal, 100/50 mg	0.2 L/min.	10 L	10 L	$45
o-Phenyl phenol	90-43-7	OSHA CIM	Tube, Tenax, 30/15 mg	0.1 L/min.	—	10 L	$45

*All methods are NIOSH unless otherwise noted.

continued

continued

Compound	CAS #	*Method #	Sampling Media (see insert)	Flow Rate	Vol.-min.	Vol.-max.	Fee Per Sample
Phorate	298-02-2	5600	OVS tube, filter/solid sorbent, XAD-2, 270/140 mg	0.2 to 1 L/min.	12 L	240 L	$80
Phosphoric acid	7664-38-2	7903	Washed silica gel, 400/200 mg (ORBO™ 53)	0.2 to 0.5 L/min.	10 L	100 L	$46
alpha or beta - Pinene	80-56-8 127-91-3	1552	Charcoal, 100/50 mg	0.01 to 0.2 L/min.	2 L	30 L	$45
Polychlorobiphenyls (PCB) in air	—	5503	Filter, glass fiber + florisil, 100/50 mg (Transfer filter to vial)	0.05 to 0.2 L/min.	3 L	50 L	$82
Polychlorobiphenyls (PCB) in oil	—	EPA 608	Bulk oil	—	—	—	$82
Polynuclear aromatic hydrocarbons (5 PNA scan)	—	OSHA 58	Filter in opaque cassette, glass fiber, place in amber vial after sampling	1 to 4 L/min.	960 L	—	$175
Potassium hydroxide	1310-58-3	7303	Filter, 0.8 µm MCEF	1 to 4 L/min.	400 L	1000 L	$28
Propane	74-98-6	OSHA CIM	Anasorb™ CMS, 2 tubes 100/50 mg, OVM	0.1 L/min.	–	5 L	$50
Propionaldehyde	128-38-6	Assay Tech., EPA TO 11-A	Assay Technology passive monitor, tube DNPH	— 0.1 to 0.2 L/min.	15 min. 12 L	8 hours 96 L	$70
Propionic acid	79-09-4	1603	Charcoal, 100/50 mg	0.01 to 1 L/min.	20 L	300 L	$55
Propylene glycol	57-55-6	5523	OVS-7 sampler, (XAD-7, 200/100 mg) **ship on dry ice**	0.5 to 2 L/min.	1 L	10 L	$55
Propylene glycol monoethyl ether (1-Ethoxy- 2-propanol)	1569-02-4	1403	Charcoal, 100/50 mg	0.05 to 0.1 L/min.	2 L	10 L	$45
Propylene glycol monomethyl ether (1-Methoxy- 2-propanol)	107-98-2	1403	Charcoal, 100/50 mg, OVM	0.05 to 0.1 L/min.	2 L	10 L	$45
Propylene oxide	75-56-9	1612	Charcoal, 100/50 mg, OVM	0.01 to 0.2 L/min.	0.5 L	5 L	$45
n-Propyl acetate	109-60-4	1450	Charcoal, 100/50 mg, OVM	0.01 to 0.2 L/min.	1 L	10 L	$45
n-Propyl alcohol	71-23-8	1401	Charcoal, 100/50 mg, OVM	0.01 to 0.2 L/min.	1 L	10 L	$45
Propylene glycol monomethyl ether acetate (1-methoxy-2-propyl acetate)	108-65-6	1403	Charcoal, 100/50 mg, OVM	0.05 to 0.1 L/min.	2 L	10 L	$45

*All methods are NIOSH unless otherwise noted.

Compound	CAS #	*Method #	Sampling Media (see insert)	Flow Rate	Vol.-min.	Vol.-max.	Fee Per Sample
Propyl Bromide	106-94-5	OSHA PV 2061	Charcoal, 100/50 mg, OVM	0.1 L/min.	—	12L	$45
Pyridine	110-86-1	1613	Charcoal, 100/50 mg, OVM	0.01 to 1 L/min.	18 L	150 L	$45
Resorcinol	108-46-3	NIOSH 5701	OVS GFF + XAD-7	0.2 L/min.	—	20 L	$45
Sevoflurane	28523-86-6	OSHA 29	Charcoal tubes, two in series, 100/50 mg, OVM	0.1 L/min.	10 L	10 L	$45
Silica (Quartz respirable)	14808-60-7	7603	Cyclone, 10mm nylon + filter, 5 µm PVC	dependent on cyclone	800 L	1000 L	$65
Silver	—	7303	Filter, 0.8 µm MCEF	1 to 3 L/min.	100 L	1000 L	$28
Sodium hydroxide	1310-73-2	7303	Filter, 0.8 µm MCEF	1 to 4 L/min.	200 L	800 L	$28
Stoddard solvent	8052-41-3	1550	Charcoal, 100/50 mg, OVM	0.01 to 0.2 L/min.	2 L	20 L	$50
Strontium Chromate as Cr	7789-06-2	7303	Filter, 0.8 µm MCEF	1 to 4 L/min.	2000 L	—	$28
Styrene	100-42-5	1501	Charcoal, 100/50 mg, OVM	0.01 to 0.2 L/min.	2 L	14 L	$45
Sulfur dioxide	7446-09-5	OSHA ID-200	Anasorb 747, treated 100/50 mg	0.1 L/min.	1.5 L	12 L	$60
Sulfuric acid	7664-93-9	7903	Washed silica gel, 400/200 mg (ORBO™ 53)	0.2 to 0.5 L/min.	10 L	100 L	$46
Terbufos	1307-79-9	5600	OVS tube, filter/solid sorbent, XAD-2, 270/140 mg	0.2 to 1 L/min.	12 L	240 L	$80
Terphenyls (mixed isomers)	26140-60-3	5021	Teflon filter (transfer filter to vial before shipping)	1-3 L/min.	2 L	30 L	$50
Terpineol	98-55-5	OSHA CIM	Charcoal, 100/50 mg, OVM	0.2 L/min.	10 L	10 L	$45
Tetrachloroethylene (Perchloroethylene)	127-18-4	1003	Charcoal, 100/50 mg, OVM	0.01 to 0.2 L/min.	1 L	40 L	$45
Tetraethylene-pentamine	112-57-2	OSHA 60 mod	XAD-2, treated, 80/40 mg	0.1 L/min.	10 L	10 L	$85
Tetrahydrofuran	109-99-9	1609	Charcoal, 100/50 mg, OVM	0.01 to 0.2 L/min.	1 L	9 L	$45
Thioglycolic acid	68-11-1	OSHA CIM	Impinger, 10ml D.I. H_2O	1 L/min.	25 L	100 L	$75
Thiourea	62-56-6	OSHA PV2059	Filter, glass fiber	2 L/min.	150 L	480 L	$75
Thiram	137-26-8	5005	Filter, 1 µm PTFE	1 to 4 L/min.	10 L	400 L	$75
Toluene	108-88-3	1501	Charcoal, 100/50 mg, OVM	0.2 L/min.	2 L	20 L	$45
Total hydrocarbons (VOC)	—	1550	Charcoal, 100/50 mg, OVM	0.01 to 0.2 L/min.	2 L	10 L	$50

*All methods are NIOSH unless otherwise noted.

continued

continued

Compound	CAS #	*Method #	Sampling Media (see insert)	Flow Rate	Vol.-min.	Vol.-max.	Fee Per Sample
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	1020	Charcoal, 400/200 mg, OVM	0.01 to 0.05 L/min.	0.2 L	5 L	$45
1,1,1-Trichloroethane (Methyl chloroform)	71-55-6	1003	Charcoal, 100/50 mg, OVM	0.01 to 0.2 L/min.	1 L	8 L	$45
1,1,2-Trichloroethane	79-00-5	1003	Charcoal, 100/50 mg, OVM	0.1 to 0.2 L/min.	2 L	60 L	$45
Trichloroethylene	79-01-6	1022	Charcoal, 100/50 mg, OVM	0.01 to 0.2 L/min.	1 L	30 L	$45
Trichlorofluoro-methane (Freon 11)	75-69-4	1006	Charcoal, 400/200 mg	0.01 to 0.05 L/min.	0.3 L	7 L	$45
1,2,3-Trichloropropane	96-18-4	1003	Charcoal, 100/50 mg , OVM	0.2 L/min.	2 L	60 L	$45
1,2,4-Trimethylbenzene	95-63-6	OSHA CIM	Charcoal, 100/50 mg, OVM	0.1 L/min.	1 L	10 L	$45
Trimethylpropane triacrylate	15625-89-5	OSHA CIM	XAD-7, 100/50 mg	0.02 to 0.2 L/min.	2 L	24 L	$75
Tripropylene glycol diacrylate	42978-66-5	OSHA CIM	XAD-7, 100/50 mg	0.02 L/min.	10 L	—	$75
Turpentine	8006-64-2	1551	Charcoal, 100/50 mg	0.01 to 0.2 L/min.	1 L	10 L	$50
Valeraldehyde	110-62-3	Assay Tech., EPA TO-11A	Assay Technology passive monitor, tube DNPH	— 0.1 to 0.2 L/min.	15 min. 12 L	8 hours 96 L	$70
Vinyl acetate	108-05-4	NIOSH 1453	Carbon molecular sieve, 160/80 mg	0.1 to 0.2 L/min.	3 L	25 L	$45
4-Vinylcyclohexene	100-40-3	OSHA 7	Charcoal, 100/50 mg, OVM	0.1 - 0.2 L/min.	3 L	10 L	$45
Vinylcyclohexene dioxide	106-87-6	OSHA PV2083	XAD-2, 100/50 mg	0.2 L/min.	10 L	10 L	$45
Vinyl chloride	75-01-4	1007	2 Charcoal tubes in series, 100/50 mg	0.05 L/min.	2 L	5 L	$50
n-Vinyl-2-pyrrolidinone	88-12-0	GAF	Charcoal, 100/50 mg, Collect separately	0.1 L/min.	10 L	—	$55
Vinylidene chloride (1,1-Dichloroethylene)	75-35-4	1015	Charcoal, 100/50 mg, OVM	0.01 to 0.2 L/min.	3 L	7 L	$45
Vinyl toluene (mixture of meta & para isomers)	25013-15-4	1501	Charcoal, 100/50 mg, OVM	0.2 L/min.	10 L	24 L	$45
Vinyltrimethoxysilane	2768-02-7	In-house Union Carbide	ORBO 425, 66/33 mg	TWA: 0.02 to 0.05 L/min. STEL: 0.5 L/min.	10 L 7.5 L	24 L —	$45

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Compound	CAS #	*Method #	Sampling Media (see insert)	Flow Rate	Vol.-min.	Vol.-max.	Fee Per Sample
VM&P Naphtha	8032-32-4	1550	Charcoal, 100/50 mg, OVM	0.01 to 0.2 L/min.	2 L	20 L	$50
Welding and brazing fume scan (common)	—	7303	Filter, 0.8 µm MCEF	1 L/min.	200 L	1000 L	$95
Welding and brazing fume scan (OSHA)	—	OSHA ID-125G	Filter, 0.8 µm MCEF	1 L/min.	200 L	1000 L	$150
m-Xylene a,a,diamine	1477-55-0	OSHA 105	Filter, glass fiber, H_2SO_4 treated	1 L/min.	15 L	15 L	$75
Xylene, o, m, p-isomers	1330-20-7	1501	Charcoal, 100/50 mg, OVM	0.2 L/min.	12 L	23 L	$45
Zinc and compounds, as Zn	—	7303	Filter, 0.8 µm MCEF	1 to 3 L/min.	100 L	400 L	$28

**Requires 24-48 hr. notice for filter prep. before shipping.

*All methods are NIOSH unless otherwise noted.

continued

Analytical Request Form

Parker Services
Industrial Hygiene
1800 North Point Drive
Stevens Point, WI 54481
800-443-9655
Fax: 715-346-6330
E-mail: ih@sentry.com

PARKER SERVICES, L.L.C.
Member of the Sentry Insurance Group

Client

Address

City State Zip

Contact

Phone Fax

E-mail

Bill to

Address

City State Zip

Phone Fax

Client Purchase Order/Job Number

LAB USE ONLY

Parker Services Project Number

Date Received

Date Issued

SAMPLE DATA

Sample #	One Contaminant Per Line	① Media Type	② TAT	③ AIR Vol (L)	④ Total Time (min)

ANALYTICAL RESULTS

Lab #	mg, µg	mg/m3, ppm	%	⑤ LOQ RL	Method	Date Analyzed	Analyst

Chain of Custody

Relinquished by: Date/Time

Received by: Date/Time

COMMENTS/SPECIAL INSTRUCTIONS

① Media Type: Filter – F; Treated Filter –TF; Tube – T; Inhalable dust sampler – IOM; Passive – P; Impinger – IMP

② Turnaround Time: Normal – N; Rush – R (100% surcharge, must notify lab in advance)

③ Liters = $\frac{\text{flow rate (cc) x time (min.)}}{1000}$

④ Passive Monitors only

⑤ Limit of quantitation Reporting limit

SEND ORIGINAL TO LAB
RETAIN COPY FOR RECORDS

Notes:

PARKER
SERVICES

Member of the Sentry Insurance Group

Industrial Hygiene
1800 North Point Drive
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