

SUBJECT Approved Methods: Solid and Hazardous Waste	DATE 05/19/2017	PAGE 1 of 110	Item No. 180.3
---	---------------------------	-------------------------	--------------------------

Characteristic Testing

Analyte	Technology	Method Name	ELAP Method Number
Ignitability	99	EPA 1020	4001
	FLPT	EPA 1010A	3999
	IGNT	EPA 1030	1102
Corrosivity	GRAV	EPA 1110A	3802
	POT	EPA 9040C	1286
	POT	EPA 9045D	1287
E.P. Toxicity	99	EPA 1310	4004
TCLP	99	EPA 1311	4005
Synthetic Precipitation Leaching Proc.	99	EPA 1312	4007
Multiple Extraction Procedure	99	EPA 1320	4033
Free Liquids	PA	EPA 9095B	1058

Metals I

Analyte	Technology	Method Name	ELAP Method Number
Barium, Total	FAAS	EPA 7000B	7000
	GFAAS	EPA 7010	7010
	ICP-AES	EPA 6010C	4078
	ICP-AES	EPA 6010D	4080
	ICP-MS	EPA 6020A	4081
	ICP-MS	EPA 6020B	4088
	PREP	EPA 3005A	4016
	PREP	EPA 3010A	4015
	PREP	EPA 3031	4317
	PREP	EPA 3040A	4017
	PREP	EPA 3050B	4018
	PREP	EPA 3051A	4087
	PREP	EPA 3052	4311

SUBJECT Approved Methods: Solid and Hazardous Waste	DATE 05/19/2017	PAGE 2 of 110	Item No. 180.3
---	---------------------------	-------------------------	--------------------------

Metals I

Analyte	Technology	Method Name	ELAP Method Number
Cadmium, Total	FAAS	EPA 7000B	7000
	GFAAS	EPA 7010	7010
	ICP-AES	EPA 6010C	4078
	ICP-AES	EPA 6010D	4080
	ICP-MS	EPA 6020A	4081
	ICP-MS	EPA 6020B	4088
	PREP	EPA 3005A	4016
	PREP	EPA 3010A	4015
	PREP	EPA 3020A	4066
	PREP	EPA 3031	4317
	PREP	EPA 3040A	4017
	PREP	EPA 3050B	4018
	PREP	EPA 3051A	4087
	PREP	EPA 3052	4311
	Calcium, Total	FAAS	EPA 7000B
ICP-AES		EPA 6010C	4078
ICP-AES		EPA 6010D	4080
ICP-MS		EPA 6020A	4081
ICP-MS		EPA 6020B	4088
PREP		EPA 3005A	4016
PREP		EPA 3010A	4015
PREP		EPA 3050B	4018
PREP		EPA 3051A	4087
PREP		EPA 3052	4311
Chromium, Total	FAAS	EPA 7000B	7000
	GFAAS	EPA 7010	7010

SUBJECT Approved Methods: Solid and Hazardous Waste	DATE 05/19/2017	PAGE 3 of 110	Item No. 180.3
---	---------------------------	-------------------------	--------------------------

Metals I

Analyte	Technology	Method Name	ELAP Method Number
Chromium, Total	ICP-AES	EPA 6010C	4078
	ICP-AES	EPA 6010D	4080
	ICP-MS	EPA 6020A	4081
	ICP-MS	EPA 6020B	4088
	PREP	EPA 3005A	4016
	PREP	EPA 3010A	4015
	PREP	EPA 3020A	4066
	PREP	EPA 3031	4317
	PREP	EPA 3040A	4017
	PREP	EPA 3050B	4018
	PREP	EPA 3051A	4087
	PREP	EPA 3052	4311
	Copper, Total	FAAS	EPA 7000B
GFAAS		EPA 7010	7010
ICP-AES		EPA 6010C	4078
ICP-AES		EPA 6010D	4080
ICP-MS		EPA 6020A	4081
ICP-MS		EPA 6020B	4088
PREP		EPA 3005A	4016
PREP		EPA 3010A	4015
PREP		EPA 3031	4317
PREP		EPA 3040A	4017
PREP		EPA 3050B	4018
PREP		EPA 3051A	4087
PREP		EPA 3052	4311
Iron, Total	FAAS	EPA 7000B	7000

SUBJECT Approved Methods: Solid and Hazardous Waste	DATE 05/19/2017	PAGE 4 of 110	Item No. 180.3
---	---------------------------	-------------------------	--------------------------

Metals I

Analyte	Technology	Method Name	ELAP Method Number
Iron, Total	GFAAS	EPA 7010	7010
	ICP-AES	EPA 6010C	4078
	ICP-AES	EPA 6010D	4080
	ICP-MS	EPA 6020A	4081
	ICP-MS	EPA 6020B	4088
	PREP	EPA 3005A	4016
	PREP	EPA 3010A	4015
	PREP	EPA 3040A	4017
	PREP	EPA 3050B	4018
	PREP	EPA 3051A	4087
	PREP	EPA 3052	4311
	Lead, Total	FAAS	EPA 7000B
GFAAS		EPA 7010	7010
ICP-AES		EPA 6010C	4078
ICP-AES		EPA 6010D	4080
ICP-MS		EPA 6020A	4081
ICP-MS		EPA 6020B	4088
PREP		EPA 3005A	4016
PREP		EPA 3010A	4015
PREP		EPA 3020A	4066
PREP		EPA 3031	4317
PREP		EPA 3040A	4017
PREP		EPA 3050B	4018
PREP		EPA 3051A	4087
PREP		EPA 3052	4311
PREP		EPA 600/R-93/200	4072

SUBJECT Approved Methods: Solid and Hazardous Waste	DATE 05/19/2017	PAGE 5 of 110	Item No. 180.3
---	---------------------------	-------------------------	--------------------------

Metals I

Analyte	Technology	Method Name	ELAP Method Number
Nickel, Total	FAAS	EPA 7000B	7000
	GFAAS	EPA 7010	7010
	ICP-AES	EPA 6010C	4078
	ICP-AES	EPA 6010D	4080
	ICP-MS	EPA 6020A	4081
	ICP-MS	EPA 6020B	4088
	PREP	EPA 3005A	4016
	PREP	EPA 3010A	4015
	PREP	EPA 3020A	4066
	PREP	EPA 3031	4317
	PREP	EPA 3040A	4017
	PREP	EPA 3050B	4018
	PREP	EPA 3051A	4087
	PREP	EPA 3052	4311
	Magnesium, Total	FAAS	EPA 7000B
ICP-AES		EPA 6010C	4078
ICP-AES		EPA 6010D	4080
ICP-MS		EPA 6020A	4081
ICP-MS		EPA 6020B	4088
PREP		EPA 3005A	4016
PREP		EPA 3010A	4015
PREP		EPA 3050B	4018
PREP		EPA 3051A	4087
PREP		EPA 3052	4311
Manganese, Total	FAAS	EPA 7000B	7000
	GFAAS	EPA 7010	7010

SUBJECT Approved Methods: Solid and Hazardous Waste	DATE 05/19/2017	PAGE 6 of 110	Item No. 180.3
---	---------------------------	-------------------------	--------------------------

Metals I

Analyte	Technology	Method Name	ELAP Method Number
Manganese, Total	ICP-AES	EPA 6010C	4078
	ICP-AES	EPA 6010D	4080
	ICP-MS	EPA 6020A	4081
	ICP-MS	EPA 6020B	4088
	PREP	EPA 3005A	4016
	PREP	EPA 3010A	4015
	PREP	EPA 3040A	4017
	PREP	EPA 3050B	4018
	PREP	EPA 3051A	4087
	PREP	EPA 3052	4311
	Potassium, Total	FAAS	EPA 7000B
ICP-AES		EPA 6010C	4078
ICP-AES		EPA 6010D	4080
ICP-MS		EPA 6020A	4081
ICP-MS		EPA 6020B	4088
PREP		EPA 3005A	4016
PREP		EPA 3010A	4015
PREP		EPA 3050B	4018
PREP		EPA 3051A	4087
PREP		EPA 3052	4311
Silver, Total		FAAS	EPA 7000B
	GFAAS	EPA 7010	7010
	ICP-AES	EPA 6010C	4078
	ICP-AES	EPA 6010D	4080
	ICP-MS	EPA 6020A	4081
	ICP-MS	EPA 6020B	4088

SUBJECT Approved Methods: Solid and Hazardous Waste	DATE 05/19/2017	PAGE 7 of 110	Item No. 180.3
---	---------------------------	-------------------------	--------------------------

Metals I

Analyte	Technology	Method Name	ELAP Method Number
Silver, Total	PREP	EPA 3005A	4016
	PREP	EPA 3031	4317
	PREP	EPA 3050B	4018
	PREP	EPA 3051A	4087
	PREP	EPA 3052	4311
Sodium, Total	FAAS	EPA 7000B	7000
	ICP-AES	EPA 6010C	4078
	ICP-AES	EPA 6010D	4080
	ICP-MS	EPA 6020A	4081
	ICP-MS	EPA 6020B	4088
	PREP	EPA 3005A	4016
	PREP	EPA 3050B	4018
	PREP	EPA 3051A	4087
	PREP	EPA 3052	4311
	Strontium, Total	FAAS	EPA 7000B
FAAS		EPA 7780A	4035
ICP-AES		EPA 6010C	4078
ICP-AES		EPA 6010D	4080
ICP-MS		EPA 6020A	4081
ICP-MS		EPA 6020B	4088
PREP		EPA 3005A	4016
PREP		EPA 3010A	4015
PREP		EPA 3050B	4018
PREP		EPA 3051A	4087
PREP		EPA 3052	4311

SUBJECT Approved Methods: Solid and Hazardous Waste	DATE 05/19/2017	PAGE 8 of 110	Item No. 180.3
---	---------------------------	-------------------------	--------------------------

Metals II

Analyte	Technology	Method Name	ELAP Method Number
Aluminum, Total	FAAS	EPA 7000B	7000
	ICP-AES	EPA 6010C	4078
	ICP-AES	EPA 6010D	4080
	ICP-MS	EPA 6020A	4081
	ICP-MS	EPA 6020B	4088
	PREP	EPA 3005A	4016
	PREP	EPA 3010A	4015
	PREP	EPA 3050B	4018
	PREP	EPA 3051A	4087
	PREP	EPA 3052	4311
Antimony, Total	FAAS	EPA 7000B	7000
	GFAAS	EPA 7010	7010
	HGAAS	EPA 7062	4083
	ICP-AES	EPA 6010C	4078
	ICP-AES	EPA 6010D	4080
	ICP-MS	EPA 6020A	4081
	ICP-MS	EPA 6020B	4088
	PREP	EPA 3005A	4016
	PREP	EPA 3031	4317
	PREP	EPA 3040A	4017
	PREP	EPA 3050B	4018
	PREP	EPA 3051A	4087
	PREP	EPA 3052	4311
Arsenic, Total	ASV	EPA 7063	4312
	GFAAS	EPA 7010	7010
	GFAAS	EPA 7060A	4021

SUBJECT Approved Methods: Solid and Hazardous Waste	DATE 05/19/2017	PAGE 9 of 110	Item No. 180.3
---	---------------------------	-------------------------	--------------------------

Metals II

Analyte	Technology	Method Name	ELAP Method Number
Arsenic, Total	HGAAS	EPA 7061A	4022
	HGAAS	EPA 7062	4083
	ICP-AES	EPA 6010C	4078
	ICP-AES	EPA 6010D	4080
	ICP-MS	EPA 6020A	4081
	ICP-MS	EPA 6020B	4088
	PREP	EPA 3005A	4016
	PREP	EPA 3010A	4015
	PREP	EPA 3031	4317
	PREP	EPA 3040A	4017
	PREP	EPA 3050B	4018
	PREP	EPA 3051A	4087
	PREP	EPA 3052	4311
	Beryllium, Total	FAAS	EPA 7000B
GFAAS		EPA 7010	7010
ICP-AES		EPA 6010C	4078
ICP-AES		EPA 6010D	4080
ICP-MS		EPA 6020A	4081
ICP-MS		EPA 6020B	4088
PREP		EPA 3005A	4016
PREP		EPA 3010A	4015
PREP		EPA 3020A	4066
PREP		EPA 3031	4317
PREP		EPA 3040A	4017
PREP		EPA 3050B	4018
PREP		EPA 3051A	4087

SUBJECT Approved Methods: Solid and Hazardous Waste	DATE 05/19/2017	PAGE 10 of 110	Item No. 180.3
---	---------------------------	--------------------------	--------------------------

Metals II

Analyte	Technology	Method Name	ELAP Method Number
Beryllium, Total	PREP	EPA 3052	4311
	Chromium VI	COLOR	EPA 7196A
	DPP	EPA 7198	4067
	FAAS	EPA 7195	4028
	FAAS	EPA 7197	4029
	IC	EPA 7199	4313
	PREP	EPA 3060A	4318
Lithium, Total	ICP-AES	EPA 6010C	4078
	ICP-AES	EPA 6010D	4080
	ICP-MS	EPA 6020A	4081
	ICP-MS	EPA 6020B	4088
	PREP	EPA 3005A	4016
	PREP	EPA 3010A	4015
	PREP	EPA 3050B	4018
Mercury, Total	PREP	EPA 3051A	4087
	ASV	EPA 7472	4314
	CVAAS	EPA 7471B	4040
	CVAAS	EPA 7473	7473
	CVAFS	EPA 7474	7474
	PREP	EPA 3051A	4087
	Selenium, Total	GFAAS	EPA 7010
HGAAS		EPA 7741A	4034
HGAAS		EPA 7742	4085
ICP-AES		EPA 6010C	4078
ICP-AES		EPA 6010D	4080
ICP-MS		EPA 6020A	4081

SUBJECT Approved Methods: Solid and Hazardous Waste	DATE 05/19/2017	PAGE 11 of 110	Item No. 180.3
---	---------------------------	--------------------------	--------------------------

Metals II

Analyte	Technology	Method Name	ELAP Method Number
Selenium, Total	ICP-MS	EPA 6020B	4088
	PREP	EPA 3005A	4016
	PREP	EPA 3010A	4015
	PREP	EPA 3031	4317
	PREP	EPA 3040A	4017
	PREP	EPA 3050B	4018
	PREP	EPA 3051A	4087
	PREP	EPA 3052	4311
Vanadium, Total	FAAS	EPA 7000B	7000
	GFAAS	EPA 7010	7010
	ICP-AES	EPA 6010C	4078
	ICP-AES	EPA 6010D	4080
	ICP-MS	EPA 6020A	4081
	ICP-MS	EPA 6020B	4088
	PREP	EPA 3005A	4016
	PREP	EPA 3010A	4015
	PREP	EPA 3020A	4066
	PREP	EPA 3031	4317
	PREP	EPA 3040A	4017
	PREP	EPA 3050B	4018
	PREP	EPA 3051A	4087
	PREP	EPA 3052	4311
Zinc, Total	FAAS	EPA 7000B	7000
	GFAAS	EPA 7010	7010
	ICP-AES	EPA 6010C	4078
	ICP-AES	EPA 6010D	4080

SUBJECT Approved Methods: Solid and Hazardous Waste	DATE 05/19/2017	PAGE 12 of 110	Item No. 180.3
---	---------------------------	--------------------------	--------------------------

Metals II

Analyte	Technology	Method Name	ELAP Method Number
Zinc, Total	ICP-MS	EPA 6020A	4081
	ICP-MS	EPA 6020B	4088
	PREP	EPA 3005A	4016
	PREP	EPA 3010A	4015
	PREP	EPA 3031	4317
	PREP	EPA 3050B	4018
	PREP	EPA 3051A	4087
	PREP	EPA 3052	4311

Metals III

Analyte	Technology	Method Name	ELAP Method Number
Cobalt, Total	FAAS	EPA 7000B	7000
	GFAAS	EPA 7010	7010
	ICP-AES	EPA 6010C	4078
	ICP-AES	EPA 6010D	4080
	ICP-MS	EPA 6020A	4081
	ICP-MS	EPA 6020B	4088
	PREP	EPA 3005A	4016
	PREP	EPA 3010A	4015
	PREP	EPA 3020A	4066
	PREP	EPA 3031	4317
	PREP	EPA 3050B	4018
	PREP	EPA 3051A	4087
	PREP	EPA 3052	4311
Molybdenum, Total	FAAS	EPA 7000B	7000
	GFAAS	EPA 7010	7010
	ICP-AES	EPA 6010C	4078

SUBJECT Approved Methods: Solid and Hazardous Waste	DATE 05/19/2017	PAGE 13 of 110	Item No. 180.3
---	---------------------------	--------------------------	--------------------------

Metals III

Analyte	Technology	Method Name	ELAP Method Number
Molybdenum, Total	ICP-AES	EPA 6010D	4080
	ICP-MS	EPA 6020A	4081
	ICP-MS	EPA 6020B	4088
	PREP	EPA 3005A	4016
	PREP	EPA 3010A	4015
	PREP	EPA 3020A	4066
	PREP	EPA 3031	4317
	PREP	EPA 3050B	4018
	PREP	EPA 3051A	4087
	PREP	EPA 3052	4311
Thallium, Total	FAAS	EPA 7000B	7000
	GFAAS	EPA 7010	7010
	ICP-AES	EPA 6010C	4078
	ICP-AES	EPA 6010D	4080
	ICP-MS	EPA 6020A	4081
	ICP-MS	EPA 6020B	4088
	PREP	EPA 3005A	4016
	PREP	EPA 3010A	4015
	PREP	EPA 3020A	4066
	PREP	EPA 3031	4317
	PREP	EPA 3050B	4018
	PREP	EPA 3051A	4087
	PREP	EPA 3052	4311
Tin, Total	FAAS	EPA 7000B	7000
	ICP-AES	EPA 6010C	4078
	ICP-AES	EPA 6010D	4080

SUBJECT	DATE	PAGE	Item No.
Approved Methods: Solid and Hazardous Waste	05/19/2017	14 of 110	180.3

Metals III

Analyte	Technology	Method Name	ELAP Method Number
Tin, Total	ICP-MS	EPA 6020A	4081
	ICP-MS	EPA 6020B	4088
	PREP	EPA 3005A	4016
	PREP	EPA 3010A	4015
	PREP	EPA 3020A	4066
	PREP	EPA 3050B	4018
	PREP	EPA 3051A	4087
Titanium, Total	ICP-AES	EPA 6010C	4078
	ICP-AES	EPA 6010D	4080
	ICP-MS	EPA 6020A	4081
	ICP-MS	EPA 6020B	4088
	PREP	EPA 3005A	4016
	PREP	EPA 3010A	4015
	PREP	EPA 3020A	4066
	PREP	EPA 3050B	4018
Silica, Dissolved	PREP	EPA 3051A	4087
	ICP-AES	EPA 6010C	4078
	ICP-AES	EPA 6010D	4080
	ICP-MS	EPA 6020A	4081
	ICP-MS	EPA 6020B	4088

Acrylates

Analyte	Technology	Method Name	ELAP Method Number
Acrolein (Propenal)	GC-MS	EPA 8260C	4089
	HPLC-UV	EPA 8316	4093
	PREP	EPA 5035A-H	1061
	PREP	EPA 5035A-L	1060

SUBJECT Approved Methods: Solid and Hazardous Waste	DATE 05/19/2017	PAGE 15 of 110	Item No. 180.3
---	---------------------------	--------------------------	--------------------------

Acrylates

Analyte	Technology	Method Name	ELAP Method Number
Acrylonitrile	GC-MS	EPA 8260C	4089
	HPLC-UV	EPA 8316	4093
	PREP	EPA 5035A-H	1061
	PREP	EPA 5035A-L	1060
Ethyl methacrylate	GC-MS	EPA 8260C	4089
Methyl acrylonitrile	GC-MS	EPA 8260C	4089
Methyl methacrylate	GC-MS	EPA 8260C	4089

Chlorinated Hydrocarbons

Analyte	Technology	Method Name	ELAP Method Number
1-Chloronaphthalene	GC-MS	EPA 8270D	5058
	GC-MS	EPA 8275A	8275
2-Chloronaphthalene	GC-ECD	EPA 8121	4097
	GC-MS	EPA 8270D	5058
	PREP	EPA 3540C	4056
	PREP	EPA 3541	4319
	PREP	EPA 3545A	4086
	PREP	EPA 3546	4077
	PREP	EPA 3550C	4051
	PREP	EPA 3580A	3580
	Hexachlorobenzene	GC-ECD	EPA 8121
GC-MS		EPA 8270D	5058
PREP		EPA 3540C	4056
PREP		EPA 3541	4319
PREP		EPA 3545A	4086
PREP		EPA 3546	4077
PREP		EPA 3550C	4051

SUBJECT Approved Methods: Solid and Hazardous Waste	DATE 05/19/2017	PAGE 16 of 110	Item No. 180.3
---	---------------------------	--------------------------	--------------------------

Chlorinated Hydrocarbons

Analyte	Technology	Method Name	ELAP Method Number
Hexachlorobenzene	PREP	EPA 3580A	3580
Hexachlorobutadiene	GC-ECD	EPA 8121	4097
	GC-MS	EPA 8270D	5058
	PREP	EPA 3540C	4056
	PREP	EPA 3541	4319
	PREP	EPA 3545A	4086
	PREP	EPA 3546	4077
	PREP	EPA 3550C	4051
	PREP	EPA 3580A	3580
Hexachlorocyclopentadiene	GC-ECD	EPA 8121	4097
	GC-MS	EPA 8270D	5058
	PREP	EPA 3540C	4056
	PREP	EPA 3541	4319
	PREP	EPA 3545A	4086
	PREP	EPA 3546	4077
	PREP	EPA 3550C	4051
	PREP	EPA 3580A	3580
Hexachloroethane	GC-ECD	EPA 8121	4097
	GC-MS	EPA 8260C	4089
	GC-MS	EPA 8270D	5058
	PREP	EPA 3540C	4056
	PREP	EPA 3541	4319
	PREP	EPA 3545A	4086
	PREP	EPA 3546	4077
	PREP	EPA 3550C	4051
	PREP	EPA 3580A	3580

SUBJECT Approved Methods: Solid and Hazardous Waste	DATE 05/19/2017	PAGE 17 of 110	Item No. 180.3
---	---------------------------	--------------------------	--------------------------

Chlorinated Hydrocarbons

Analyte	Technology	Method Name	ELAP Method Number
Hexachlorophene	GC-MS	EPA 8270D	5058
Hexachloropropene	GC-MS	EPA 8270D	5058
Pentachlorobenzene	GC-ECD	EPA 8121	4097
	GC-FID	EPA 8041A	4045
1,2,3-Trichlorobenzene	GC-MS	EPA 8270D	5058
	PREP	EPA 3545A	4086
	PREP	EPA 3546	4077
	GC-ECD	EPA 8121	4097
	GC-MS	EPA 8260C	4089
	GCELCD/PID	EPA 8021B	4095
	PREP	EPA 5021A	4301
1,2,4-Trichlorobenzene	PREP	EPA 5035A-H	1061
	PREP	EPA 5035A-L	1060
	GC-ECD	EPA 8121	4097
	GC-MS	EPA 8270D	5058
	PREP	EPA 3540C	4056
	PREP	EPA 3541	4319
	PREP	EPA 3545A	4086
	PREP	EPA 3546	4077
	PREP	EPA 3550C	4051
	PREP	EPA 3580A	3580
1,3,5-Trichlorobenzene	GC-ECD	EPA 8121	4097
1,2,4,5-Tetrachlorobenzene	GC-ECD	EPA 8121	4097
	GC-MS	EPA 8270D	5058

SUBJECT Approved Methods: Solid and Hazardous Waste	DATE 05/19/2017	PAGE 18 of 110	Item No. 180.3
---	---------------------------	--------------------------	--------------------------

Haloethers

Analyte	Technology	Method Name	ELAP Method Number
Bis(2-chloroethyl)ether	GC-ECD	EPA 8111	8111
	GC-FTIR	EPA 8410	8410
	GC-FTIR	EPA 8430	8430
	GC-MS	EPA 8270D	5058
	PREP	EPA 3540C	4056
	PREP	EPA 3541	4319
	PREP	EPA 3545A	4086
	PREP	EPA 3546	4077
	PREP	EPA 3550C	4051
	PREP	EPA 3580A	3580
Bis(2-chloroethoxy)methane	GC-ECD	EPA 8121	4097
	GC-MS	EPA 8270D	5058
	PREP	EPA 3540C	4056
	PREP	EPA 3541	4319
	PREP	EPA 3545A	4086
	PREP	EPA 3546	4077
	PREP	EPA 3550C	4051
	PREP	EPA 3580A	3580
2,2'-Oxybis(1-chloropropane)	GC-ECD	EPA 8121	4097
	GC-MS	EPA 8270D	5058
	PREP	EPA 3540C	4056
	PREP	EPA 3541	4319
	PREP	EPA 3545A	4086
	PREP	EPA 3546	4077
	PREP	EPA 3550C	4051
	PREP	EPA 3580A	3580

SUBJECT Approved Methods: Solid and Hazardous Waste	DATE 05/19/2017	PAGE 19 of 110	Item No. 180.3
---	---------------------------	--------------------------	--------------------------

Haloethers

Analyte	Technology	Method Name	ELAP Method Number
4-Bromophenylphenyl ether	GC-ECD	EPA 8111	8111
	GC-FTIR	EPA 8410	8410
	GC-MS	EPA 8270D	5058
	GC-MS	EPA 8275A	8275
	PREP	EPA 3540C	4056
	PREP	EPA 3541	4319
	PREP	EPA 3545A	4086
	PREP	EPA 3546	4077
	PREP	EPA 3550C	4051
	PREP	EPA 3580A	3580
4-Chlorophenylphenyl ether	GC-ECD	EPA 8111	8111
	GC-FTIR	EPA 8410	8410
	GC-MS	EPA 8270D	5058
	PREP	EPA 3540C	4056
	PREP	EPA 3541	4319
	PREP	EPA 3545A	4086
	PREP	EPA 3546	4077
	PREP	EPA 3550C	4051
	PREP	EPA 3580A	3580
Chloromethylmethyl ether	GCELCD/PID	EPA 8021B	4095

Nitroaromatics and Isophorone

Analyte	Technology	Method Name	ELAP Method Number
2-Amino-4,6-dinitrotoluene	HPLC-UV	EPA 8330A	8331
	HPLC-UV	EPA 8330B	8332
4-Amino-2,6-dinitrotoluene	HPLC-UV	EPA 8330A	8331
	HPLC-UV	EPA 8330B	8332

SUBJECT	DATE	PAGE	Item No.
Approved Methods: Solid and Hazardous Waste	05/19/2017	20 of 110	180.3

Nitroaromatics and Isophorone

Analyte	Technology	Method Name	ELAP Method Number
3-Chloromethyl pyridine-HCl	GC-MS	EPA 8270D	5058
4-Dimethylaminoazobenzene	GC-MS	EPA 8270D	5058
2,4-Dinitrotoluene	GC-MS	EPA 8270D	5058
	GC-NPD	EPA 8091	4047
	HPLC-UV	EPA 8330A	8331
	HPLC-UV	EPA 8330B	8332
	PREP	EPA 3540C	4056
	PREP	EPA 3541	4319
	PREP	EPA 3545A	4086
	PREP	EPA 3546	4077
	PREP	EPA 3550C	4051
	PREP	EPA 3580A	3580
2,6-Dinitrotoluene	GC-MS	EPA 8270D	5058
	GC-NPD	EPA 8091	4047
	HPLC-UV	EPA 8330A	8331
	HPLC-UV	EPA 8330B	8332
	PREP	EPA 3540C	4056
	PREP	EPA 3541	4319
	PREP	EPA 3545A	4086
	PREP	EPA 3546	4077
	PREP	EPA 3550C	4051
	PREP	EPA 3580A	3580
3,5-Dinitroaniline	HPLC-UV	EPA 8330B	8332
1,2-Dinitrobenzene	GC-MS	EPA 8270D	5058
	GC-NPD	EPA 8091	4047
1,3-Dinitrobenzene	GC-MS	EPA 8270D	5058

SUBJECT	DATE	PAGE	Item No.
Approved Methods: Solid and Hazardous Waste	05/19/2017	21 of 110	180.3

Nitroaromatics and Isophorone

Analyte	Technology	Method Name	ELAP Method Number	
1,3-Dinitrobenzene	HPLC-UV	EPA 8330A	8331	
	HPLC-UV	EPA 8330B	8332	
1,4-Dinitrobenzene	GC-MS	EPA 8270D	5058	
	GC-NPD	EPA 8091	4047	
Hexahydro-1,3,5-trinitro-1,3,5-triazine	HPLC-UV	EPA 8330A	8331	
	HPLC-UV	EPA 8330B	8332	
Hydroquinone	GC-MS	EPA 8270D	5058	
Isophorone	GC-MS	EPA 8270D	5058	
	GC-NPD	EPA 8091	4047	
	PREP	EPA 3540C	4056	
	PREP	EPA 3541	4319	
	PREP	EPA 3545A	4086	
	PREP	EPA 3546	4077	
	PREP	EPA 3550C	4051	
	PREP	EPA 3580A	3580	
	Methyl-2,4,6-trinitrophenylNitramine	HPLC-UV	EPA 8330A	8331
		HPLC-UV	EPA 8330B	8332
1,4-Naphthoquinone	GC-MS	EPA 8270D	5058	
	GC-NPD	EPA 8091	4047	
4-Nitroquinoline-1-oxide	GC-MS	EPA 8270D	5058	
2-Nitrotoluene	HPLC-UV	EPA 8330A	8331	
	HPLC-UV	EPA 8330B	8332	
3-Nitrotoluene	HPLC-UV	EPA 8330A	8331	
	HPLC-UV	EPA 8330B	8332	
4-Nitrotoluene	HPLC-UV	EPA 8330A	8331	
	HPLC-UV	EPA 8330B	8332	

SUBJECT	DATE	PAGE	Item No.
Approved Methods: Solid and Hazardous Waste	05/19/2017	22 of 110	180.3

Nitroaromatics and Isophorone

Analyte	Technology	Method Name	ELAP Method Number
Nitrobenzene	GC-MS	EPA 8260C	4089
	GC-MS	EPA 8270D	5058
	GC-NPD	EPA 8091	4047
	HPLC-UV	EPA 8330A	8331
	HPLC-UV	EPA 8330B	8332
	PREP	EPA 3540C	4056
	PREP	EPA 3541	4319
	PREP	EPA 3545A	4086
	PREP	EPA 3546	4077
	PREP	EPA 3550C	4051
	PREP	EPA 3580A	3580
	PREP	EPA 5035A-H	1061
	PREP	EPA 5035A-L	1060
	Nitroglycerine	HPLC-UV	EPA 8330B
Octahydro-tetranitro-tetrazocine	HPLC-UV	EPA 8330A	8331
	HPLC-UV	EPA 8330B	8332
Pentaerythritol tetranitrate	HPLC-UV	EPA 8330B	8332
Pyridine	GC-FID	EPA 8015C	9996
	GC-FID	EPA 8015D	9992
	GC-MS	EPA 8260C	4089
	GC-MS	EPA 8270D	5058
1,3,5-Trinitrobenzene	GC-MS	EPA 8270D	5058
	HPLC-UV	EPA 8330A	8331
	HPLC-UV	EPA 8330B	8332
2,4,6-Trinitrotoluene	HPLC-UV	EPA 8330A	8331
	HPLC-UV	EPA 8330B	8332

SUBJECT Approved Methods: Solid and Hazardous Waste	DATE 05/19/2017	PAGE 23 of 110	Item No. 180.3
---	---------------------------	--------------------------	--------------------------

Nitroaromatics and Isophorone

Analyte	Technology	Method Name	ELAP Method Number
2,4,6-Trichloronitrobenzene	GC-NPD	EPA 8091	4047

Phthalate Esters

Analyte	Technology	Method Name	ELAP Method Number
Benzyl butyl phthalate	GC-ECD	EPA 8061A	4096
	GC-ECD	EPA 8082A	4308
	GC-HRMS	EPA 1668 A	1668
	GC-HRMS	EPA 1668B	1669
	GC-MS	EPA 8270D	5058
	PREP	EPA 3540C	4056
	PREP	EPA 3541	4319
	PREP	EPA 3545A	4086
	PREP	EPA 3546	4077
	PREP	EPA 3550C	4051
Bis(2-ethylhexyl) phthalate	PREP	EPA 3580A	3580
	GC-ECD	EPA 8061A	4096
	GC-MS	EPA 8270D	5058
	PREP	EPA 3540C	4056
	PREP	EPA 3541	4319
	PREP	EPA 3545A	4086
	PREP	EPA 3546	4077
	PREP	EPA 3550C	4051
	PREP	EPA 3580A	3580
	Diethyl phthalate	GC-ECD	EPA 8061A
GC-MS		EPA 8270D	5058
PREP		EPA 3540C	4056
PREP		EPA 3541	4319

SUBJECT Approved Methods: Solid and Hazardous Waste	DATE 05/19/2017	PAGE 24 of 110	Item No. 180.3
---	---------------------------	--------------------------	--------------------------

Phthalate Esters

Analyte	Technology	Method Name	ELAP Method Number	
Diethyl phthalate	PREP	EPA 3545A	4086	
	PREP	EPA 3546	4077	
	PREP	EPA 3550C	4051	
	PREP	EPA 3580A	3580	
Dimethyl phthalate	GC-ECD	EPA 8061A	4096	
	GC-MS	EPA 8270D	5058	
	PREP	EPA 3540C	4056	
	PREP	EPA 3541	4319	
	PREP	EPA 3545A	4086	
	PREP	EPA 3546	4077	
	PREP	EPA 3550C	4051	
	PREP	EPA 3580A	3580	
	Di-n-butyl phthalate	GC-ECD	EPA 8061A	4096
		GC-MS	EPA 8270D	5058
PREP		EPA 3540C	4056	
PREP		EPA 3541	4319	
PREP		EPA 3545A	4086	
PREP		EPA 3546	4077	
PREP		EPA 3550C	4051	
PREP		EPA 3580A	3580	
Di-n-octyl phthalate		GC-ECD	EPA 8061A	4096
		GC-MS	EPA 8270D	5058
	PREP	EPA 3540C	4056	
	PREP	EPA 3541	4319	
	PREP	EPA 3545A	4086	
	PREP	EPA 3546	4077	

SUBJECT	DATE	PAGE	Item No.
Approved Methods: Solid and Hazardous Waste	05/19/2017	25 of 110	180.3

Phthalate Esters

Analyte	Technology	Method Name	ELAP Method Number
Di-n-octyl phthalate	PREP	EPA 3550C	4051
	PREP	EPA 3580A	3580

Polychlorinated Biphenyls

Analyte	Technology	Method Name	ELAP Method Number
PCB-1016	GC-ECD	ASTM D6160-98	2167
	GC-ECD	EPA 8082A	4308
	GC-ECD	OLM 4.3	1203
	GC-MS	EPA 8270D	5058
	PREP	EPA 3540C	4056
	PREP	EPA 3541	4319
	PREP	EPA 3545A	4086
	PREP	EPA 3546	4077
	PREP	EPA 3550C	4051
PCB-1221	GC-ECD	ASTM D6160-98	2167
	GC-ECD	EPA 8082A	4308
	GC-ECD	OLM 4.3	1203
	GC-MS	EPA 8270D	5058
	PREP	EPA 3540C	4056
	PREP	EPA 3541	4319
	PREP	EPA 3545A	4086
	PREP	EPA 3546	4077
	PREP	EPA 3550C	4051
PCB-1232	GC-ECD	ASTM D6160-98	2167
	GC-ECD	EPA 8082A	4308
	GC-ECD	OLM 4.3	1203
	GC-MS	EPA 8270D	5058

SUBJECT Approved Methods: Solid and Hazardous Waste	DATE 05/19/2017	PAGE 26 of 110	Item No. 180.3
---	---------------------------	--------------------------	--------------------------

Polychlorinated Biphenyls

Analyte	Technology	Method Name	ELAP Method Number
PCB-1232	PREP	EPA 3540C	4056
	PREP	EPA 3541	4319
	PREP	EPA 3545A	4086
	PREP	EPA 3546	4077
	PREP	EPA 3550C	4051
PCB-1242	GC-ECD	ASTM D6160-98	2167
	GC-ECD	EPA 8082A	4308
	GC-ECD	OLM 4.3	1203
	GC-MS	EPA 8270D	5058
	PREP	EPA 3540C	4056
	PREP	EPA 3541	4319
	PREP	EPA 3545A	4086
	PREP	EPA 3546	4077
	PREP	EPA 3550C	4051
	PCB-1248	GC-ECD	ASTM D6160-98
GC-ECD		EPA 8082A	4308
GC-ECD		OLM 4.3	1203
GC-MS		EPA 8270D	5058
PREP		EPA 3540C	4056
PREP		EPA 3541	4319
PREP		EPA 3545A	4086
PREP		EPA 3546	4077
PREP		EPA 3550C	4051
PCB-1254		GC-ECD	ASTM D6160-98
	GC-ECD	EPA 8082A	4308
	GC-ECD	OLM 4.3	1203

SUBJECT	DATE	PAGE	Item No.
Approved Methods: Solid and Hazardous Waste	05/19/2017	27 of 110	180.3

Polychlorinated Biphenyls

Analyte	Technology	Method Name	ELAP Method Number
PCB-1254	GC-MS	EPA 8270D	5058
	PREP	EPA 3540C	4056
	PREP	EPA 3541	4319
	PREP	EPA 3545A	4086
	PREP	EPA 3546	4077
	PREP	EPA 3550C	4051
PCB-1260	GC-ECD	ASTM D6160-98	2167
	GC-ECD	EPA 8082A	4308
	GC-ECD	OLM 4.3	1203
	GC-MS	EPA 8270D	5058
	PREP	EPA 3540C	4056
	PREP	EPA 3541	4319
	PREP	EPA 3545A	4086
	PREP	EPA 3546	4077
	PREP	EPA 3550C	4051
PCB-1262	GC-ECD	ASTM D6160-98	2167
	GC-ECD	EPA 8082A	4308
PCB-1268	GC-ECD	ASTM D6160-98	2167
	GC-ECD	EPA 8082A	4308
PCBs in Oil	GC-ECD	ASTM D4059-91,00, e05	1209
	GC-ECD	ASTM D6160-98	2167
	GC-ECD	EPA 8082A	4308
	GC-ECD	EPA-600/4-81-045	1035
	PREP	EPA 3580A	3580
PCB 1	GC-ECD	EPA 8082A	4308
	GC-HRMS	EPA 1668 A	1668

SUBJECT Approved Methods: Solid and Hazardous Waste	DATE 05/19/2017	PAGE 28 of 110	Item No. 180.3
---	---------------------------	--------------------------	--------------------------

Polychlorinated Biphenyls

Analyte	Technology	Method Name	ELAP Method Number
PCB 1	GC-HRMS	EPA 1668B	1669
PCB 2	GC-ECD	EPA 8082A	4308
	GC-HRMS	EPA 1668 A	1668
	GC-HRMS	EPA 1668B	1669
PCB 3	GC-ECD	EPA 8082A	4308
	GC-HRMS	EPA 1668 A	1668
	GC-HRMS	EPA 1668B	1669
PCB 4	GC-ECD	EPA 8082A	4308
	GC-HRMS	EPA 1668 A	1668
	GC-HRMS	EPA 1668B	1669
PCB 5	GC-ECD	EPA 8082A	4308
	GC-HRMS	EPA 1668 A	1668
	GC-HRMS	EPA 1668B	1669
PCB 6	GC-ECD	EPA 8082A	4308
	GC-HRMS	EPA 1668 A	1668
	GC-HRMS	EPA 1668B	1669
PCB 7	GC-ECD	EPA 8082A	4308
	GC-HRMS	EPA 1668 A	1668
	GC-HRMS	EPA 1668B	1669
PCB 8	GC-ECD	EPA 8082A	4308
	GC-HRMS	EPA 1668 A	1668
	GC-HRMS	EPA 1668B	1669
PCB 9	GC-ECD	EPA 8082A	4308
	GC-HRMS	EPA 1668 A	1668
	GC-HRMS	EPA 1668B	1669
PCB 10	GC-ECD	EPA 8082A	4308

SUBJECT Approved Methods: Solid and Hazardous Waste	DATE 05/19/2017	PAGE 29 of 110	Item No. 180.3
---	---------------------------	--------------------------	--------------------------

Polychlorinated Biphenyls

Analyte	Technology	Method Name	ELAP Method Number
PCB 10	GC-HRMS	EPA 1668 A	1668
	GC-HRMS	EPA 1668B	1669
PCB 11	GC-ECD	EPA 8082A	4308
	GC-HRMS	EPA 1668 A	1668
PCB 12	GC-HRMS	EPA 1668B	1669
	GC-ECD	EPA 8082A	4308
PCB 13	GC-HRMS	EPA 1668 A	1668
	GC-HRMS	EPA 1668B	1669
PCB 14	GC-ECD	EPA 8082A	4308
	GC-HRMS	EPA 1668 A	1668
PCB 15	GC-HRMS	EPA 1668B	1669
	GC-ECD	EPA 8082A	4308
PCB 16	GC-HRMS	EPA 1668 A	1668
	GC-HRMS	EPA 1668B	1669
PCB 17	GC-ECD	EPA 8082A	4308
	GC-HRMS	EPA 1668 A	1668
PCB 18	GC-HRMS	EPA 1668B	1669
	GC-ECD	EPA 8082A	4308
PCB 18	GC-HRMS	EPA 1668 A	1668
	GC-HRMS	EPA 1668B	1669

SUBJECT Approved Methods: Solid and Hazardous Waste	DATE 05/19/2017	PAGE 30 of 110	Item No. 180.3
---	---------------------------	--------------------------	--------------------------

Polychlorinated Biphenyls

Analyte	Technology	Method Name	ELAP Method Number
PCB 19	GC-ECD	EPA 8082A	4308
	GC-HRMS	EPA 1668 A	1668
	GC-HRMS	EPA 1668B	1669
PCB 20	GC-ECD	EPA 8082A	4308
	GC-HRMS	EPA 1668 A	1668
	GC-HRMS	EPA 1668B	1669
PCB 21	GC-ECD	EPA 8082A	4308
	GC-HRMS	EPA 1668 A	1668
	GC-HRMS	EPA 1668B	1669
PCB 22	GC-ECD	EPA 8082A	4308
	GC-HRMS	EPA 1668 A	1668
	GC-HRMS	EPA 1668B	1669
PCB 23	GC-ECD	EPA 8082A	4308
	GC-HRMS	EPA 1668 A	1668
	GC-HRMS	EPA 1668B	1669
PCB 24	GC-ECD	EPA 8082A	4308
	GC-HRMS	EPA 1668 A	1668
	GC-HRMS	EPA 1668B	1669
PCB 25	GC-ECD	EPA 8082A	4308
	GC-HRMS	EPA 1668 A	1668
	GC-HRMS	EPA 1668B	1669
PCB 26	GC-ECD	EPA 8082A	4308
	GC-HRMS	EPA 1668 A	1668
	GC-HRMS	EPA 1668B	1669
PCB 27	GC-ECD	EPA 8082A	4308
	GC-HRMS	EPA 1668 A	1668

SUBJECT Approved Methods: Solid and Hazardous Waste	DATE 05/19/2017	PAGE 31 of 110	Item No. 180.3
---	---------------------------	--------------------------	--------------------------

Polychlorinated Biphenyls

Analyte	Technology	Method Name	ELAP Method Number
PCB 27	GC-HRMS	EPA 1668B	1669
PCB 28	GC-ECD	EPA 8082A	4308
	GC-HRMS	EPA 1668 A	1668
	GC-HRMS	EPA 1668B	1669
PCB 29	GC-ECD	EPA 8082A	4308
	GC-HRMS	EPA 1668 A	1668
	GC-HRMS	EPA 1668B	1669
PCB 30	GC-ECD	EPA 8082A	4308
	GC-HRMS	EPA 1668 A	1668
	GC-HRMS	EPA 1668B	1669
PCB 31	GC-ECD	EPA 8082A	4308
	GC-HRMS	EPA 1668 A	1668
	GC-HRMS	EPA 1668B	1669
PCB 32	GC-ECD	EPA 8082A	4308
	GC-HRMS	EPA 1668 A	1668
	GC-HRMS	EPA 1668B	1669
PCB 33	GC-ECD	EPA 8082A	4308
	GC-HRMS	EPA 1668 A	1668
	GC-HRMS	EPA 1668B	1669
PCB 34	GC-ECD	EPA 8082A	4308
	GC-HRMS	EPA 1668 A	1668
	GC-HRMS	EPA 1668B	1669
PCB 35	GC-ECD	EPA 8082A	4308
	GC-HRMS	EPA 1668 A	1668
	GC-HRMS	EPA 1668B	1669
PCB 36	GC-ECD	EPA 8082A	4308

SUBJECT Approved Methods: Solid and Hazardous Waste	DATE 05/19/2017	PAGE 32 of 110	Item No. 180.3
---	---------------------------	--------------------------	--------------------------

Polychlorinated Biphenyls

Analyte	Technology	Method Name	ELAP Method Number
PCB 36	GC-HRMS	EPA 1668 A	1668
	GC-HRMS	EPA 1668B	1669
PCB 37	GC-ECD	EPA 8082A	4308
	GC-HRMS	EPA 1668 A	1668
PCB 38	GC-HRMS	EPA 1668B	1669
	GC-ECD	EPA 8082A	4308
PCB 39	GC-HRMS	EPA 1668 A	1668
	GC-HRMS	EPA 1668B	1669
	GC-ECD	EPA 8082A	4308
PCB 40	GC-HRMS	EPA 1668 A	1668
	GC-HRMS	EPA 1668B	1669
	GC-ECD	EPA 8082A	4308
PCB 41	GC-HRMS	EPA 1668 A	1668
	GC-HRMS	EPA 1668B	1669
	GC-ECD	EPA 8082A	4308
PCB 42	GC-HRMS	EPA 1668 A	1668
	GC-HRMS	EPA 1668B	1669
	GC-ECD	EPA 8082A	4308
PCB 43	GC-HRMS	EPA 1668 A	1668
	GC-HRMS	EPA 1668B	1669
	GC-ECD	EPA 8082A	4308
PCB 44	GC-HRMS	EPA 1668 A	1668
	GC-HRMS	EPA 1668B	1669
	GC-ECD	EPA 8082A	4308

SUBJECT Approved Methods: Solid and Hazardous Waste	DATE 05/19/2017	PAGE 33 of 110	Item No. 180.3
---	---------------------------	--------------------------	--------------------------

Polychlorinated Biphenyls

Analyte	Technology	Method Name	ELAP Method Number
PCB 45	GC-ECD	EPA 8082A	4308
	GC-HRMS	EPA 1668 A	1668
	GC-HRMS	EPA 1668B	1669
PCB 46	GC-ECD	EPA 8082A	4308
	GC-HRMS	EPA 1668 A	1668
	GC-HRMS	EPA 1668B	1669
PCB 47	GC-ECD	EPA 8082A	4308
	GC-HRMS	EPA 1668 A	1668
	GC-HRMS	EPA 1668B	1669
PCB 48	GC-ECD	EPA 8082A	4308
	GC-HRMS	EPA 1668 A	1668
	GC-HRMS	EPA 1668B	1669
PCB 49	GC-ECD	EPA 8082A	4308
	GC-HRMS	EPA 1668 A	1668
	GC-HRMS	EPA 1668B	1669
PCB 50	GC-ECD	EPA 8082A	4308
	GC-HRMS	EPA 1668 A	1668
	GC-HRMS	EPA 1668B	1669
PCB 51	GC-ECD	EPA 8082A	4308
	GC-HRMS	EPA 1668 A	1668
	GC-HRMS	EPA 1668B	1669
PCB 52	GC-ECD	EPA 8082A	4308
	GC-HRMS	EPA 1668 A	1668
	GC-HRMS	EPA 1668B	1669
PCB 53	GC-ECD	EPA 8082A	4308
	GC-HRMS	EPA 1668 A	1668

SUBJECT	DATE	PAGE	Item No.
Approved Methods: Solid and Hazardous Waste	05/19/2017	34 of 110	180.3

Polychlorinated Biphenyls

Analyte	Technology	Method Name	ELAP Method Number
PCB 53	GC-HRMS	EPA 1668B	1669
PCB 54	GC-ECD	EPA 8082A	4308
	GC-HRMS	EPA 1668 A	1668
	GC-HRMS	EPA 1668B	1669
PCB 55	GC-ECD	EPA 8082A	4308
	GC-HRMS	EPA 1668 A	1668
	GC-HRMS	EPA 1668B	1669
PCB 56	GC-ECD	EPA 8082A	4308
	GC-HRMS	EPA 1668 A	1668
	GC-HRMS	EPA 1668B	1669
PCB 57	GC-ECD	EPA 8082A	4308
	GC-HRMS	EPA 1668 A	1668
	GC-HRMS	EPA 1668B	1669
PCB 58	GC-ECD	EPA 8082A	4308
	GC-HRMS	EPA 1668 A	1668
	GC-HRMS	EPA 1668B	1669
PCB 59	GC-ECD	EPA 8082A	4308
	GC-HRMS	EPA 1668 A	1668
	GC-HRMS	EPA 1668B	1669
PCB 60	GC-ECD	EPA 8082A	4308
	GC-HRMS	EPA 1668 A	1668
	GC-HRMS	EPA 1668B	1669
PCB 61	GC-ECD	EPA 8082A	4308
	GC-HRMS	EPA 1668 A	1668
	GC-HRMS	EPA 1668B	1669
PCB 62	GC-ECD	EPA 8082A	4308

SUBJECT Approved Methods: Solid and Hazardous Waste	DATE 05/19/2017	PAGE 35 of 110	Item No. 180.3
---	---------------------------	--------------------------	--------------------------

Polychlorinated Biphenyls

Analyte	Technology	Method Name	ELAP Method Number
PCB 62	GC-HRMS	EPA 1668 A	1668
	GC-HRMS	EPA 1668B	1669
PCB 63	GC-ECD	EPA 8082A	4308
	GC-HRMS	EPA 1668 A	1668
PCB 64	GC-HRMS	EPA 1668B	1669
	GC-ECD	EPA 8082A	4308
PCB 65	GC-HRMS	EPA 1668 A	1668
	GC-HRMS	EPA 1668B	1669
PCB 66	GC-ECD	EPA 8082A	4308
	GC-HRMS	EPA 1668 A	1668
PCB 67	GC-HRMS	EPA 1668B	1669
	GC-ECD	EPA 8082A	4308
PCB 68	GC-HRMS	EPA 1668 A	1668
	GC-HRMS	EPA 1668B	1669
PCB 69	GC-ECD	EPA 8082A	4308
	GC-HRMS	EPA 1668 A	1668
PCB 70	GC-HRMS	EPA 1668B	1669
	GC-ECD	EPA 8082A	4308
PCB 70	GC-HRMS	EPA 1668 A	1668
	GC-HRMS	EPA 1668B	1669

SUBJECT	DATE	PAGE	Item No.
Approved Methods: Solid and Hazardous Waste	05/19/2017	36 of 110	180.3

Polychlorinated Biphenyls

Analyte	Technology	Method Name	ELAP Method Number
PCB 71	GC-ECD	EPA 8082A	4308
	GC-HRMS	EPA 1668 A	1668
	GC-HRMS	EPA 1668B	1669
PCB 72	GC-ECD	EPA 8082A	4308
	GC-HRMS	EPA 1668 A	1668
	GC-HRMS	EPA 1668B	1669
PCB 73	GC-ECD	EPA 8082A	4308
	GC-HRMS	EPA 1668 A	1668
	GC-HRMS	EPA 1668B	1669
PCB 74	GC-ECD	EPA 8082A	4308
	GC-HRMS	EPA 1668 A	1668
	GC-HRMS	EPA 1668B	1669
PCB 75	GC-ECD	EPA 8082A	4308
	GC-HRMS	EPA 1668 A	1668
	GC-HRMS	EPA 1668B	1669
PCB 76	GC-ECD	EPA 8082A	4308
	GC-HRMS	EPA 1668 A	1668
	GC-HRMS	EPA 1668B	1669
PCB 77	GC-ECD	EPA 8082A	4308
	GC-HRMS	EPA 1668 A	1668
	GC-HRMS	EPA 1668B	1669
PCB 78	GC-ECD	EPA 8082A	4308
	GC-HRMS	EPA 1668 A	1668
	GC-HRMS	EPA 1668B	1669
PCB 79	GC-ECD	EPA 8082A	4308
	GC-HRMS	EPA 1668 A	1668

SUBJECT Approved Methods: Solid and Hazardous Waste	DATE 05/19/2017	PAGE 37 of 110	Item No. 180.3
---	---------------------------	--------------------------	--------------------------

Polychlorinated Biphenyls

Analyte	Technology	Method Name	ELAP Method Number
PCB 79	GC-HRMS	EPA 1668B	1669
PCB 80	GC-ECD	EPA 8082A	4308
	GC-HRMS	EPA 1668 A	1668
	GC-HRMS	EPA 1668B	1669
PCB 81	GC-ECD	EPA 8082A	4308
	GC-HRMS	EPA 1668 A	1668
	GC-HRMS	EPA 1668B	1669
PCB 82	GC-ECD	EPA 8082A	4308
	GC-HRMS	EPA 1668 A	1668
	GC-HRMS	EPA 1668B	1669
PCB 83	GC-ECD	EPA 8082A	4308
	GC-HRMS	EPA 1668 A	1668
	GC-HRMS	EPA 1668B	1669
PCB 84	GC-ECD	EPA 8082A	4308
	GC-HRMS	EPA 1668 A	1668
	GC-HRMS	EPA 1668B	1669
PCB 85	GC-ECD	EPA 8082A	4308
	GC-HRMS	EPA 1668 A	1668
	GC-HRMS	EPA 1668B	1669
PCB 86	GC-ECD	EPA 8082A	4308
	GC-HRMS	EPA 1668 A	1668
	GC-HRMS	EPA 1668B	1669
PCB 87	GC-ECD	EPA 8082A	4308
	GC-HRMS	EPA 1668 A	1668
	GC-HRMS	EPA 1668B	1669
PCB 88	GC-ECD	EPA 8082A	4308

SUBJECT Approved Methods: Solid and Hazardous Waste	DATE 05/19/2017	PAGE 38 of 110	Item No. 180.3
---	---------------------------	--------------------------	--------------------------

Polychlorinated Biphenyls

Analyte	Technology	Method Name	ELAP Method Number
PCB 88	GC-HRMS	EPA 1668 A	1668
	GC-HRMS	EPA 1668B	1669
PCB 89	GC-ECD	EPA 8082A	4308
	GC-HRMS	EPA 1668 A	1668
PCB 90	GC-HRMS	EPA 1668B	1669
	GC-ECD	EPA 8082A	4308
PCB 91	GC-HRMS	EPA 1668 A	1668
	GC-HRMS	EPA 1668B	1669
PCB 92	GC-ECD	EPA 8082A	4308
	GC-HRMS	EPA 1668 A	1668
PCB 93	GC-HRMS	EPA 1668B	1669
	GC-ECD	EPA 8082A	4308
PCB 94	GC-HRMS	EPA 1668 A	1668
	GC-HRMS	EPA 1668B	1669
PCB 95	GC-ECD	EPA 8082A	4308
	GC-HRMS	EPA 1668 A	1668
PCB 96	GC-HRMS	EPA 1668B	1669
	GC-ECD	EPA 8082A	4308
PCB 96	GC-HRMS	EPA 1668 A	1668
	GC-HRMS	EPA 1668B	1669

SUBJECT	DATE	PAGE	Item No.
Approved Methods: Solid and Hazardous Waste	05/19/2017	39 of 110	180.3

Polychlorinated Biphenyls

Analyte	Technology	Method Name	ELAP Method Number
PCB 97	GC-ECD	EPA 8082A	4308
	GC-HRMS	EPA 1668 A	1668
	GC-HRMS	EPA 1668B	1669
PCB 98	GC-ECD	EPA 8082A	4308
	GC-HRMS	EPA 1668 A	1668
	GC-HRMS	EPA 1668B	1669
PCB 99	GC-ECD	EPA 8082A	4308
	GC-HRMS	EPA 1668 A	1668
	GC-HRMS	EPA 1668B	1669
PCB 100	GC-ECD	EPA 8082A	4308
	GC-HRMS	EPA 1668 A	1668
	GC-HRMS	EPA 1668B	1669
PCB 101	GC-ECD	EPA 8082A	4308
	GC-HRMS	EPA 1668 A	1668
	GC-HRMS	EPA 1668B	1669
PCB 102	GC-ECD	EPA 8082A	4308
	GC-HRMS	EPA 1668 A	1668
	GC-HRMS	EPA 1668B	1669
PCB 103	GC-ECD	EPA 8082A	4308
	GC-HRMS	EPA 1668 A	1668
	GC-HRMS	EPA 1668B	1669
PCB 104	GC-ECD	EPA 8082A	4308
	GC-HRMS	EPA 1668 A	1668
	GC-HRMS	EPA 1668B	1669
PCB 105	GC-ECD	EPA 8082A	4308
	GC-HRMS	EPA 1668 A	1668

SUBJECT Approved Methods: Solid and Hazardous Waste	DATE 05/19/2017	PAGE 40 of 110	Item No. 180.3
---	---------------------------	--------------------------	--------------------------

Polychlorinated Biphenyls

Analyte	Technology	Method Name	ELAP Method Number
PCB 105	GC-HRMS	EPA 1668B	1669
PCB 106	GC-ECD	EPA 8082A	4308
	GC-HRMS	EPA 1668 A	1668
	GC-HRMS	EPA 1668B	1669
PCB 107	GC-ECD	EPA 8082A	4308
	GC-HRMS	EPA 1668 A	1668
	GC-HRMS	EPA 1668B	1669
PCB 108	GC-ECD	EPA 8082A	4308
	GC-HRMS	EPA 1668 A	1668
	GC-HRMS	EPA 1668B	1669
PCB 109	GC-ECD	EPA 8082A	4308
	GC-HRMS	EPA 1668 A	1668
	GC-HRMS	EPA 1668B	1669
PCB 110	GC-ECD	EPA 8082A	4308
	GC-HRMS	EPA 1668 A	1668
	GC-HRMS	EPA 1668B	1669
PCB 111	GC-ECD	EPA 8082A	4308
	GC-HRMS	EPA 1668 A	1668
	GC-HRMS	EPA 1668B	1669
PCB 112	GC-ECD	EPA 8082A	4308
	GC-HRMS	EPA 1668 A	1668
	GC-HRMS	EPA 1668B	1669
PCB 113	GC-ECD	EPA 8082A	4308
	GC-HRMS	EPA 1668 A	1668
	GC-HRMS	EPA 1668B	1669
PCB 114	GC-ECD	EPA 8082A	4308

SUBJECT Approved Methods: Solid and Hazardous Waste	DATE 05/19/2017	PAGE 41 of 110	Item No. 180.3
---	---------------------------	--------------------------	--------------------------

Polychlorinated Biphenyls

Analyte	Technology	Method Name	ELAP Method Number
PCB 114	GC-HRMS	EPA 1668 A	1668
	GC-HRMS	EPA 1668B	1669
PCB 115	GC-ECD	EPA 8082A	4308
	GC-HRMS	EPA 1668 A	1668
PCB 116	GC-HRMS	EPA 1668B	1669
	GC-ECD	EPA 8082A	4308
PCB 117	GC-HRMS	EPA 1668 A	1668
	GC-HRMS	EPA 1668B	1669
PCB 118	GC-ECD	EPA 8082A	4308
	GC-HRMS	EPA 1668 A	1668
PCB 119	GC-HRMS	EPA 1668B	1669
	GC-ECD	EPA 8082A	4308
PCB 120	GC-HRMS	EPA 1668 A	1668
	GC-HRMS	EPA 1668B	1669
PCB 121	GC-ECD	EPA 8082A	4308
	GC-HRMS	EPA 1668 A	1668
PCB 122	GC-HRMS	EPA 1668B	1669
	GC-ECD	EPA 8082A	4308
PCB 122	GC-HRMS	EPA 1668 A	1668
	GC-HRMS	EPA 1668B	1669

SUBJECT Approved Methods: Solid and Hazardous Waste	DATE 05/19/2017	PAGE 42 of 110	Item No. 180.3
---	---------------------------	--------------------------	--------------------------

Polychlorinated Biphenyls

Analyte	Technology	Method Name	ELAP Method Number
PCB 123	GC-ECD	EPA 8082A	4308
	GC-HRMS	EPA 1668 A	1668
	GC-HRMS	EPA 1668B	1669
PCB 124	GC-ECD	EPA 8082A	4308
	GC-HRMS	EPA 1668 A	1668
	GC-HRMS	EPA 1668B	1669
PCB 125	GC-ECD	EPA 8082A	4308
	GC-HRMS	EPA 1668 A	1668
	GC-HRMS	EPA 1668B	1669
PCB 126	GC-ECD	EPA 8082A	4308
	GC-HRMS	EPA 1668 A	1668
	GC-HRMS	EPA 1668B	1669
PCB 127	GC-ECD	EPA 8082A	4308
	GC-HRMS	EPA 1668 A	1668
	GC-HRMS	EPA 1668B	1669
PCB 128	GC-ECD	EPA 8082A	4308
	GC-HRMS	EPA 1668 A	1668
	GC-HRMS	EPA 1668B	1669
PCB 129	GC-ECD	EPA 8082A	4308
	GC-HRMS	EPA 1668 A	1668
	GC-HRMS	EPA 1668B	1669
PCB 130	GC-ECD	EPA 8082A	4308
	GC-HRMS	EPA 1668 A	1668
	GC-HRMS	EPA 1668B	1669
PCB 131	GC-ECD	EPA 8082A	4308
	GC-HRMS	EPA 1668 A	1668

SUBJECT Approved Methods: Solid and Hazardous Waste	DATE 05/19/2017	PAGE 43 of 110	Item No. 180.3
---	---------------------------	--------------------------	--------------------------

Polychlorinated Biphenyls

Analyte	Technology	Method Name	ELAP Method Number
PCB 131	GC-HRMS	EPA 1668B	1669
PCB 132	GC-ECD	EPA 8082A	4308
	GC-HRMS	EPA 1668 A	1668
	GC-HRMS	EPA 1668B	1669
PCB 133	GC-ECD	EPA 8082A	4308
	GC-HRMS	EPA 1668 A	1668
	GC-HRMS	EPA 1668B	1669
PCB 134	GC-ECD	EPA 8082A	4308
	GC-HRMS	EPA 1668 A	1668
	GC-HRMS	EPA 1668B	1669
PCB 135	GC-ECD	EPA 8082A	4308
	GC-HRMS	EPA 1668 A	1668
	GC-HRMS	EPA 1668B	1669
PCB 136	GC-ECD	EPA 8082A	4308
	GC-HRMS	EPA 1668 A	1668
	GC-HRMS	EPA 1668B	1669
PCB 137	GC-ECD	EPA 8082A	4308
	GC-HRMS	EPA 1668 A	1668
	GC-HRMS	EPA 1668B	1669
PCB 138	GC-ECD	EPA 8082A	4308
	GC-HRMS	EPA 1668 A	1668
	GC-HRMS	EPA 1668B	1669
PCB 139	GC-ECD	EPA 8082A	4308
	GC-HRMS	EPA 1668 A	1668
	GC-HRMS	EPA 1668B	1669
PCB 140	GC-ECD	EPA 8082A	4308

SUBJECT Approved Methods: Solid and Hazardous Waste	DATE 05/19/2017	PAGE 44 of 110	Item No. 180.3
---	---------------------------	--------------------------	--------------------------

Polychlorinated Biphenyls

Analyte	Technology	Method Name	ELAP Method Number
PCB 140	GC-HRMS	EPA 1668 A	1668
	GC-HRMS	EPA 1668B	1669
PCB 141	GC-ECD	EPA 8082A	4308
	GC-HRMS	EPA 1668 A	1668
PCB 142	GC-HRMS	EPA 1668B	1669
	GC-ECD	EPA 8082A	4308
PCB 143	GC-HRMS	EPA 1668 A	1668
	GC-HRMS	EPA 1668B	1669
	GC-ECD	EPA 8082A	4308
PCB 144	GC-HRMS	EPA 1668 A	1668
	GC-HRMS	EPA 1668B	1669
	GC-ECD	EPA 8082A	4308
PCB 145	GC-HRMS	EPA 1668 A	1668
	GC-HRMS	EPA 1668B	1669
	GC-ECD	EPA 8082A	4308
PCB 146	GC-HRMS	EPA 1668 A	1668
	GC-HRMS	EPA 1668B	1669
	GC-ECD	EPA 8082A	4308
PCB 147	GC-HRMS	EPA 1668 A	1668
	GC-HRMS	EPA 1668B	1669
	GC-ECD	EPA 8082A	4308
PCB 148	GC-HRMS	EPA 1668 A	1668
	GC-HRMS	EPA 1668B	1669
	GC-ECD	EPA 8082A	4308

SUBJECT Approved Methods: Solid and Hazardous Waste	DATE 05/19/2017	PAGE 45 of 110	Item No. 180.3
---	---------------------------	--------------------------	--------------------------

Polychlorinated Biphenyls

Analyte	Technology	Method Name	ELAP Method Number
PCB 149	GC-ECD	EPA 8082A	4308
	GC-HRMS	EPA 1668 A	1668
	GC-HRMS	EPA 1668B	1669
PCB 150	GC-ECD	EPA 8082A	4308
	GC-HRMS	EPA 1668 A	1668
	GC-HRMS	EPA 1668B	1669
PCB 151	GC-ECD	EPA 8082A	4308
	GC-HRMS	EPA 1668 A	1668
	GC-HRMS	EPA 1668B	1669
PCB 152	GC-ECD	EPA 8082A	4308
	GC-HRMS	EPA 1668 A	1668
	GC-HRMS	EPA 1668B	1669
PCB 153	GC-ECD	EPA 8082A	4308
	GC-HRMS	EPA 1668 A	1668
	GC-HRMS	EPA 1668B	1669
PCB 154	GC-ECD	EPA 8082A	4308
	GC-HRMS	EPA 1668 A	1668
	GC-HRMS	EPA 1668B	1669
PCB 155	GC-ECD	EPA 8082A	4308
	GC-HRMS	EPA 1668 A	1668
	GC-HRMS	EPA 1668B	1669
PCB 156	GC-ECD	EPA 8082A	4308
	GC-HRMS	EPA 1668 A	1668
	GC-HRMS	EPA 1668B	1669
PCB 157	GC-ECD	EPA 8082A	4308
	GC-HRMS	EPA 1668 A	1668

SUBJECT Approved Methods: Solid and Hazardous Waste	DATE 05/19/2017	PAGE 46 of 110	Item No. 180.3
---	---------------------------	--------------------------	--------------------------

Polychlorinated Biphenyls

Analyte	Technology	Method Name	ELAP Method Number
PCB 157	GC-HRMS	EPA 1668B	1669
PCB 158	GC-ECD	EPA 8082A	4308
	GC-HRMS	EPA 1668 A	1668
	GC-HRMS	EPA 1668B	1669
PCB 159	GC-ECD	EPA 8082A	4308
	GC-HRMS	EPA 1668 A	1668
	GC-HRMS	EPA 1668B	1669
PCB 160	GC-ECD	EPA 8082A	4308
	GC-HRMS	EPA 1668 A	1668
	GC-HRMS	EPA 1668B	1669
PCB 161	GC-ECD	EPA 8082A	4308
	GC-HRMS	EPA 1668 A	1668
	GC-HRMS	EPA 1668B	1669
PCB 162	GC-ECD	EPA 8082A	4308
	GC-HRMS	EPA 1668 A	1668
	GC-HRMS	EPA 1668B	1669
PCB 163	GC-ECD	EPA 8082A	4308
	GC-HRMS	EPA 1668 A	1668
	GC-HRMS	EPA 1668B	1669
PCB 164	GC-ECD	EPA 8082A	4308
	GC-HRMS	EPA 1668 A	1668
	GC-HRMS	EPA 1668B	1669
PCB 165	GC-ECD	EPA 8082A	4308
	GC-HRMS	EPA 1668 A	1668
	GC-HRMS	EPA 1668B	1669
PCB 166	GC-ECD	EPA 8082A	4308

SUBJECT Approved Methods: Solid and Hazardous Waste	DATE 05/19/2017	PAGE 47 of 110	Item No. 180.3
---	---------------------------	--------------------------	--------------------------

Polychlorinated Biphenyls

Analyte	Technology	Method Name	ELAP Method Number
PCB 166	GC-HRMS	EPA 1668 A	1668
	GC-HRMS	EPA 1668B	1669
PCB 167	GC-ECD	EPA 8082A	4308
	GC-HRMS	EPA 1668 A	1668
PCB 168	GC-HRMS	EPA 1668B	1669
	GC-ECD	EPA 8082A	4308
PCB 169	GC-HRMS	EPA 1668 A	1668
	GC-HRMS	EPA 1668B	1669
PCB 170	GC-ECD	EPA 8082A	4308
	GC-HRMS	EPA 1668 A	1668
PCB 171	GC-HRMS	EPA 1668B	1669
	GC-ECD	EPA 8082A	4308
PCB 172	GC-HRMS	EPA 1668 A	1668
	GC-HRMS	EPA 1668B	1669
PCB 173	GC-ECD	EPA 8082A	4308
	GC-HRMS	EPA 1668 A	1668
PCB 174	GC-HRMS	EPA 1668B	1669
	GC-ECD	EPA 8082A	4308
PCB 173	GC-HRMS	EPA 1668 A	1668
	GC-HRMS	EPA 1668B	1669

SUBJECT Approved Methods: Solid and Hazardous Waste	DATE 05/19/2017	PAGE 48 of 110	Item No. 180.3
---	---------------------------	--------------------------	--------------------------

Polychlorinated Biphenyls

Analyte	Technology	Method Name	ELAP Method Number
PCB 175	GC-ECD	EPA 8082A	4308
	GC-HRMS	EPA 1668 A	1668
	GC-HRMS	EPA 1668B	1669
PCB 176	GC-ECD	EPA 8082A	4308
	GC-HRMS	EPA 1668 A	1668
	GC-HRMS	EPA 1668B	1669
PCB 177	GC-ECD	EPA 8082A	4308
	GC-HRMS	EPA 1668 A	1668
	GC-HRMS	EPA 1668B	1669
PCB 178	GC-ECD	EPA 8082A	4308
	GC-HRMS	EPA 1668 A	1668
	GC-HRMS	EPA 1668B	1669
PCB 179	GC-ECD	EPA 8082A	4308
	GC-HRMS	EPA 1668 A	1668
	GC-HRMS	EPA 1668B	1669
PCB 180	GC-ECD	EPA 8082A	4308
	GC-HRMS	EPA 1668 A	1668
	GC-HRMS	EPA 1668B	1669
PCB 181	GC-ECD	EPA 8082A	4308
	GC-HRMS	EPA 1668 A	1668
	GC-HRMS	EPA 1668B	1669
PCB 182	GC-ECD	EPA 8082A	4308
	GC-HRMS	EPA 1668 A	1668
	GC-HRMS	EPA 1668B	1669
PCB 183	GC-ECD	EPA 8082A	4308
	GC-HRMS	EPA 1668 A	1668

SUBJECT Approved Methods: Solid and Hazardous Waste	DATE 05/19/2017	PAGE 49 of 110	Item No. 180.3
---	---------------------------	--------------------------	--------------------------

Polychlorinated Biphenyls

Analyte	Technology	Method Name	ELAP Method Number
PCB 183	GC-HRMS	EPA 1668B	1669
PCB 184	GC-ECD	EPA 8082A	4308
	GC-HRMS	EPA 1668 A	1668
	GC-HRMS	EPA 1668B	1669
PCB 185	GC-ECD	EPA 8082A	4308
	GC-HRMS	EPA 1668 A	1668
	GC-HRMS	EPA 1668B	1669
PCB 186	GC-ECD	EPA 8082A	4308
	GC-HRMS	EPA 1668 A	1668
	GC-HRMS	EPA 1668B	1669
PCB 187	GC-ECD	EPA 8082A	4308
	GC-HRMS	EPA 1668 A	1668
	GC-HRMS	EPA 1668B	1669
PCB 188	GC-ECD	EPA 8082A	4308
	GC-HRMS	EPA 1668 A	1668
	GC-HRMS	EPA 1668B	1669
PCB 189	GC-ECD	EPA 8082A	4308
	GC-HRMS	EPA 1668 A	1668
	GC-HRMS	EPA 1668B	1669
PCB 190	GC-ECD	EPA 8082A	4308
	GC-HRMS	EPA 1668 A	1668
	GC-HRMS	EPA 1668B	1669
PCB 191	GC-ECD	EPA 8082A	4308
	GC-HRMS	EPA 1668 A	1668
	GC-HRMS	EPA 1668B	1669
PCB 192	GC-ECD	EPA 8082A	4308

SUBJECT Approved Methods: Solid and Hazardous Waste	DATE 05/19/2017	PAGE 50 of 110	Item No. 180.3
---	---------------------------	--------------------------	--------------------------

Polychlorinated Biphenyls

Analyte	Technology	Method Name	ELAP Method Number
PCB 192	GC-HRMS	EPA 1668 A	1668
	GC-HRMS	EPA 1668B	1669
PCB 193	GC-ECD	EPA 8082A	4308
	GC-HRMS	EPA 1668 A	1668
PCB 194	GC-HRMS	EPA 1668B	1669
	GC-ECD	EPA 8082A	4308
PCB 195	GC-HRMS	EPA 1668 A	1668
	GC-HRMS	EPA 1668B	1669
	GC-ECD	EPA 8082A	4308
PCB 196	GC-HRMS	EPA 1668 A	1668
	GC-HRMS	EPA 1668B	1669
	GC-ECD	EPA 8082A	4308
PCB 197	GC-HRMS	EPA 1668 A	1668
	GC-HRMS	EPA 1668B	1669
	GC-ECD	EPA 8082A	4308
PCB 198	GC-HRMS	EPA 1668 A	1668
	GC-HRMS	EPA 1668B	1669
	GC-ECD	EPA 8082A	4308
PCB 199	GC-HRMS	EPA 1668 A	1668
	GC-HRMS	EPA 1668B	1669
	GC-ECD	EPA 8082A	4308
PCB 200	GC-HRMS	EPA 1668 A	1668
	GC-HRMS	EPA 1668B	1669
	GC-ECD	EPA 8082A	4308

SUBJECT Approved Methods: Solid and Hazardous Waste	DATE 05/19/2017	PAGE 51 of 110	Item No. 180.3
---	---------------------------	--------------------------	--------------------------

Polychlorinated Biphenyls

Analyte	Technology	Method Name	ELAP Method Number
PCB 201	GC-ECD	EPA 8082A	4308
	GC-HRMS	EPA 1668 A	1668
	GC-HRMS	EPA 1668B	1669
PCB 202	GC-ECD	EPA 8082A	4308
	GC-HRMS	EPA 1668 A	1668
	GC-HRMS	EPA 1668B	1669
PCB 203	GC-ECD	EPA 8082A	4308
	GC-HRMS	EPA 1668 A	1668
	GC-HRMS	EPA 1668B	1669
PCB 204	GC-ECD	EPA 8082A	4308
	GC-HRMS	EPA 1668 A	1668
	GC-HRMS	EPA 1668B	1669
PCB 205	GC-ECD	EPA 8082A	4308
	GC-HRMS	EPA 1668 A	1668
	GC-HRMS	EPA 1668B	1669
PCB 206	GC-ECD	EPA 8082A	4308
	GC-HRMS	EPA 1668 A	1668
	GC-HRMS	EPA 1668B	1669
PCB 207	GC-ECD	EPA 8082A	4308
	GC-HRMS	EPA 1668 A	1668
	GC-HRMS	EPA 1668B	1669
PCB 208	GC-ECD	EPA 8082A	4308
	GC-HRMS	EPA 1668 A	1668
	GC-HRMS	EPA 1668B	1669
PCB 209	GC-ECD	EPA 8082A	4308
	GC-HRMS	EPA 1668 A	1668

SUBJECT	DATE	PAGE	Item No.
Approved Methods: Solid and Hazardous Waste	05/19/2017	52 of 110	180.3

Polychlorinated Biphenyls

Analyte	Technology	Method Name	ELAP Method Number
PCB 209	GC-HRMS	EPA 1668B	1669
PCB Congeners, Total	GC-ECD	EPA 8082A	4308
	GC-HRMS	EPA 1668 A	1668
	GC-HRMS	EPA 1668B	1669

Polynuclear Aromatic Hydrocarbons

Analyte	Technology	Method Name	ELAP Method Number
2-Acetylaminofluorene	GC-MS	EPA 8270D	5058
Acenaphthene	GC-FID	EPA 8100	1019
	GC-MS	EPA 8270D	5058
	PREP	EPA 3540C	4056
	PREP	EPA 3541	4319
	PREP	EPA 3545A	4086
	PREP	EPA 3546	4077
	PREP	EPA 3550C	4051
	PREP	EPA 3561	4300
	PREP	EPA 3570	3570
	PREP	EPA 3580A	3580
Anthracene	GC-FID	EPA 8100	1019
	GC-MS	EPA 8270D	5058
	PREP	EPA 3540C	4056
	PREP	EPA 3541	4319
	PREP	EPA 3545A	4086
	PREP	EPA 3546	4077
	PREP	EPA 3550C	4051
	PREP	EPA 3561	4300
	PREP	EPA 3570	3570

SUBJECT Approved Methods: Solid and Hazardous Waste	DATE 05/19/2017	PAGE 53 of 110	Item No. 180.3
---	---------------------------	--------------------------	--------------------------

Polynuclear Aromatic Hydrocarbons

Analyte	Technology	Method Name	ELAP Method Number
Anthracene	PREP	EPA 3580A	3580
Acenaphthylene	GC-FID	EPA 8100	1019
	GC-MS	EPA 8270D	5058
	PREP	EPA 3540C	4056
	PREP	EPA 3541	4319
	PREP	EPA 3545A	4086
	PREP	EPA 3546	4077
	PREP	EPA 3550C	4051
	PREP	EPA 3561	4300
	PREP	EPA 3570	3570
	PREP	EPA 3580A	3580
Benzo(a)anthracene	GC-FID	EPA 8100	1019
	GC-MS	EPA 8270D	5058
	PREP	EPA 3540C	4056
	PREP	EPA 3541	4319
	PREP	EPA 3545A	4086
	PREP	EPA 3546	4077
	PREP	EPA 3550C	4051
	PREP	EPA 3561	4300
	PREP	EPA 3570	3570
	PREP	EPA 3580A	3580
Benzo(a)pyrene	GC-FID	EPA 8100	1019
	GC-MS	EPA 8270D	5058
	PREP	EPA 3540C	4056
	PREP	EPA 3541	4319
	PREP	EPA 3545A	4086

SUBJECT Approved Methods: Solid and Hazardous Waste	DATE 05/19/2017	PAGE 54 of 110	Item No. 180.3
---	---------------------------	--------------------------	--------------------------

Polynuclear Aromatic Hydrocarbons

Analyte	Technology	Method Name	ELAP Method Number
Benzo(a)pyrene	PREP	EPA 3546	4077
	PREP	EPA 3550C	4051
	PREP	EPA 3561	4300
	PREP	EPA 3570	3570
	PREP	EPA 3580A	3580
Benzo(b)fluoranthene	GC-FID	EPA 8100	1019
	GC-MS	EPA 8270D	5058
	PREP	EPA 3540C	4056
	PREP	EPA 3541	4319
	PREP	EPA 3545A	4086
	PREP	EPA 3546	4077
	PREP	EPA 3550C	4051
	PREP	EPA 3561	4300
	PREP	EPA 3570	3570
	PREP	EPA 3580A	3580
Benzo(ghi)perylene	GC-FID	EPA 8100	1019
	GC-MS	EPA 8270D	5058
	PREP	EPA 3540C	4056
	PREP	EPA 3541	4319
	PREP	EPA 3545A	4086
	PREP	EPA 3546	4077
	PREP	EPA 3550C	4051
	PREP	EPA 3561	4300
	PREP	EPA 3570	3570
	PREP	EPA 3580A	3580
Benzo(k)fluoranthene	GC-FID	EPA 8100	1019

SUBJECT	DATE	PAGE	Item No.
Approved Methods: Solid and Hazardous Waste	05/19/2017	55 of 110	180.3

Polynuclear Aromatic Hydrocarbons

Analyte	Technology	Method Name	ELAP Method Number
Benzo(k)fluoranthene	GC-MS	EPA 8270D	5058
	GC-MS	EPA 8275A	8275
	PREP	EPA 3540C	4056
	PREP	EPA 3541	4319
	PREP	EPA 3545A	4086
	PREP	EPA 3546	4077
	PREP	EPA 3550C	4051
	PREP	EPA 3561	4300
	PREP	EPA 3570	3570
	PREP	EPA 3580A	3580
	Chrysene	GC-FID	EPA 8100
GC-MS		EPA 8270D	5058
PREP		EPA 3540C	4056
PREP		EPA 3541	4319
PREP		EPA 3545A	4086
PREP		EPA 3546	4077
PREP		EPA 3550C	4051
PREP		EPA 3561	4300
PREP		EPA 3570	3570
PREP		EPA 3580A	3580
Dibenzo(a,j)acridine		GC-FID	EPA 8100
	GC-MS	EPA 8270D	5058
Dibenzo(a,h)acridine	GC-FID	EPA 8100	1019
Dibenzo(a,h)anthracene	GC-FID	EPA 8100	1019
	GC-MS	EPA 8270D	5058
	PREP	EPA 3540C	4056

SUBJECT	DATE	PAGE	Item No.
Approved Methods: Solid and Hazardous Waste	05/19/2017	56 of 110	180.3

Polynuclear Aromatic Hydrocarbons

Analyte	Technology	Method Name	ELAP Method Number	
Dibenzo(a,h)anthracene	PREP	EPA 3541	4319	
	PREP	EPA 3545A	4086	
	PREP	EPA 3546	4077	
	PREP	EPA 3550C	4051	
	PREP	EPA 3561	4300	
	PREP	EPA 3570	3570	
	PREP	EPA 3580A	3580	
Dibenzo(a,e)pyrene	GC-FID	EPA 8100	1019	
	GC-MS	EPA 8270D	5058	
7,12-Dimethylbenzyl (a) anthracene	GC-MS	EPA 8270D	5058	
Fluoranthene	GC-ECD	EPA 8081B	4049	
	GC-FID	EPA 8100	1019	
	GC-MS	EPA 8270D	5058	
	PREP	EPA 3540C	4056	
	PREP	EPA 3541	4319	
	PREP	EPA 3545A	4086	
	PREP	EPA 3546	4077	
	PREP	EPA 3550C	4051	
	PREP	EPA 3561	4300	
	PREP	EPA 3570	3570	
	PREP	EPA 3580A	3580	
	Fluorene	GC-ECD	EPA 8081B	4049
		GC-FID	EPA 8100	1019
GC-MS		EPA 8270D	5058	
PREP		EPA 3540C	4056	
PREP		EPA 3541	4319	

SUBJECT Approved Methods: Solid and Hazardous Waste	DATE 05/19/2017	PAGE 57 of 110	Item No. 180.3
---	---------------------------	--------------------------	--------------------------

Polynuclear Aromatic Hydrocarbons

Analyte	Technology	Method Name	ELAP Method Number
Fluorene	PREP	EPA 3545A	4086
	PREP	EPA 3546	4077
	PREP	EPA 3550C	4051
	PREP	EPA 3561	4300
	PREP	EPA 3570	3570
	PREP	EPA 3580A	3580
Indeno(1,2,3-cd)pyrene	GC-ECD	EPA 8081B	4049
	GC-FID	EPA 8100	1019
	GC-MS	EPA 8270D	5058
	PREP	EPA 3540C	4056
	PREP	EPA 3541	4319
	PREP	EPA 3545A	4086
	PREP	EPA 3546	4077
	PREP	EPA 3550C	4051
	PREP	EPA 3561	4300
	PREP	EPA 3570	3570
	PREP	EPA 3580A	3580
	3-Methylcholanthrene	GC-FID	EPA 8100
GC-MS		EPA 8270D	5058
GC-ECD		EPA 8081B	4049
Naphthalene	GC-FID	EPA 8100	1019
	GC-MS	EPA 8270D	5058
	PREP	EPA 3540C	4056
	PREP	EPA 3541	4319
	PREP	EPA 3545A	4086
	PREP	EPA 3546	4077

SUBJECT Approved Methods: Solid and Hazardous Waste	DATE 05/19/2017	PAGE 58 of 110	Item No. 180.3
---	---------------------------	--------------------------	--------------------------

Polynuclear Aromatic Hydrocarbons

Analyte	Technology	Method Name	ELAP Method Number	
Naphthalene	PREP	EPA 3550C	4051	
	PREP	EPA 3561	4300	
	PREP	EPA 3570	3570	
	PREP	EPA 3580A	3580	
	PREP	EPA 3585	4303	
Phenanthrene	GC-FID	EPA 8100	1019	
	GC-MS	EPA 8270D	5058	
	PREP	EPA 3540C	4056	
	PREP	EPA 3541	4319	
	PREP	EPA 3545A	4086	
	PREP	EPA 3546	4077	
	PREP	EPA 3550C	4051	
	PREP	EPA 3561	4300	
	PREP	EPA 3570	3570	
	PREP	EPA 3580A	3580	
	Pyrene	GC-FID	EPA 8100	1019
		GC-MS	EPA 8270D	5058
		PREP	EPA 3540C	4056
PREP		EPA 3541	4319	
PREP		EPA 3545A	4086	
PREP		EPA 3546	4077	
PREP		EPA 3550C	4051	
PREP		EPA 3561	4300	
PREP		EPA 3570	3570	
PREP		EPA 3580A	3580	

SUBJECT Approved Methods: Solid and Hazardous Waste	DATE 05/19/2017	PAGE 59 of 110	Item No. 180.3
---	---------------------------	--------------------------	--------------------------

Low Level Polynuclear Aromatic Hydrocarbons

Analyte	Technology	Method Name	ELAP Method Number
Acenaphthylene Low Level	GC-MS	EPA 8270D	5058
	GC-MS	EPA 8270D SIM	5059
	HPLC-FLUOR	EPA 8310	4060
	PREP	EPA 3540C	4056
	PREP	EPA 3541	4319
	PREP	EPA 3545A	4086
	PREP	EPA 3546	4077
	PREP	EPA 3561	4300
Acenaphthene Low Level	GC-MS	EPA 8270D	5058
	GC-MS	EPA 8270D SIM	5059
	HPLC-FLUOR	EPA 8310	4060
	PREP	EPA 3540C	4056
	PREP	EPA 3541	4319
	PREP	EPA 3545A	4086
	PREP	EPA 3546	4077
	PREP	EPA 3561	4300
Anthracene Low Level	GC-MS	EPA 8270D	5058
	GC-MS	EPA 8270D SIM	5059
	HPLC-FLUOR	EPA 8310	4060
	PREP	EPA 3540C	4056
	PREP	EPA 3541	4319
	PREP	EPA 3545A	4086
	PREP	EPA 3546	4077
	PREP	EPA 3561	4300
Benzo(a)anthracene Low Level	GC-MS	EPA 8270D	5058
	GC-MS	EPA 8270D SIM	5059

SUBJECT	DATE	PAGE	Item No.
Approved Methods: Solid and Hazardous Waste	05/19/2017	60 of 110	180.3

Low Level Polynuclear Aromatic Hydrocarbons

Analyte	Technology	Method Name	ELAP Method Number
Benzo(a)anthracene Low Level	HPLC-FLUOR	EPA 8310	4060
	PREP	EPA 3540C	4056
	PREP	EPA 3541	4319
	PREP	EPA 3545A	4086
	PREP	EPA 3546	4077
	PREP	EPA 3561	4300
Benzo(b)fluoranthene Low Level	GC-MS	EPA 8270D	5058
	GC-MS	EPA 8270D SIM	5059
	HPLC-FLUOR	EPA 8310	4060
	PREP	EPA 3540C	4056
	PREP	EPA 3541	4319
	PREP	EPA 3545A	4086
	PREP	EPA 3546	4077
Benzo(k)fluoranthene Low Level	PREP	EPA 3561	4300
	GC-MS	EPA 8270D	5058
	GC-MS	EPA 8270D SIM	5059
	HPLC-FLUOR	EPA 8310	4060
	PREP	EPA 3540C	4056
	PREP	EPA 3541	4319
	PREP	EPA 3545A	4086
Benzo(g,h,i)perylene Low Level	PREP	EPA 3546	4077
	PREP	EPA 3561	4300
	GC-MS	EPA 8270D	5058
	GC-MS	EPA 8270D SIM	5059
	HPLC-FLUOR	EPA 8310	4060
	PREP	EPA 3540C	4056

SUBJECT Approved Methods: Solid and Hazardous Waste	DATE 05/19/2017	PAGE 61 of 110	Item No. 180.3
---	---------------------------	--------------------------	--------------------------

Low Level Polynuclear Aromatic Hydrocarbons

Analyte	Technology	Method Name	ELAP Method Number	
Benzo(g,h,i)perylene Low Level	PREP	EPA 3541	4319	
	PREP	EPA 3545A	4086	
	PREP	EPA 3546	4077	
	PREP	EPA 3561	4300	
Benzo(a)pyrene Low Level	GC-MS	EPA 8270D	5058	
	GC-MS	EPA 8270D SIM	5059	
	HPLC-FLUOR	EPA 8310	4060	
	PREP	EPA 3540C	4056	
	PREP	EPA 3541	4319	
	PREP	EPA 3545A	4086	
	PREP	EPA 3546	4077	
	PREP	EPA 3561	4300	
	Chrysene Low Level	GC-MS	EPA 8270D	5058
		GC-MS	EPA 8270D SIM	5059
HPLC-FLUOR		EPA 8310	4060	
PREP		EPA 3540C	4056	
PREP		EPA 3541	4319	
PREP		EPA 3545A	4086	
PREP		EPA 3546	4077	
PREP		EPA 3561	4300	
Dibenzo(a,h)anthracene Low Level		GC-MS	EPA 8270D	5058
		GC-MS	EPA 8270D SIM	5059
	HPLC-FLUOR	EPA 8310	4060	
	PREP	EPA 3540C	4056	
	PREP	EPA 3541	4319	
	PREP	EPA 3545A	4086	

SUBJECT	DATE	PAGE	Item No.
Approved Methods: Solid and Hazardous Waste	05/19/2017	62 of 110	180.3

Low Level Polynuclear Aromatic Hydrocarbons

Analyte	Technology	Method Name	ELAP Method Number	
Dibenzo(a,h)anthracene Low Level	PREP	EPA 3546	4077	
	PREP	EPA 3561	4300	
Fluoranthene Low Level	GC-MS	EPA 8270D	5058	
	GC-MS	EPA 8270D SIM	5059	
	HPLC-FLUOR	EPA 8310	4060	
	PREP	EPA 3540C	4056	
	PREP	EPA 3541	4319	
	PREP	EPA 3545A	4086	
	PREP	EPA 3546	4077	
	PREP	EPA 3561	4300	
	Fluorene Low Level	GC-MS	EPA 8270D	5058
		GC-MS	EPA 8270D SIM	5059
HPLC-FLUOR		EPA 8310	4060	
PREP		EPA 3540C	4056	
PREP		EPA 3541	4319	
PREP		EPA 3545A	4086	
PREP		EPA 3546	4077	
PREP		EPA 3561	4300	
Indeno(1,2,3-cd)pyrene Low Level		GC-MS	EPA 8270D	5058
		GC-MS	EPA 8270D SIM	5059
	HPLC-FLUOR	EPA 8310	4060	
	PREP	EPA 3540C	4056	
	PREP	EPA 3541	4319	
	PREP	EPA 3545A	4086	
	PREP	EPA 3546	4077	
	PREP	EPA 3561	4300	

SUBJECT Approved Methods: Solid and Hazardous Waste	DATE 05/19/2017	PAGE 63 of 110	Item No. 180.3
---	---------------------------	--------------------------	--------------------------

Low Level Polynuclear Aromatic Hydrocarbons

Analyte	Technology	Method Name	ELAP Method Number
Naphthalene Low Level	GC-MS	EPA 8270D	5058
	GC-MS	EPA 8270D SIM	5059
	HPLC-FLUOR	EPA 8310	4060
	PREP	EPA 3540C	4056
	PREP	EPA 3541	4319
	PREP	EPA 3545A	4086
	PREP	EPA 3546	4077
	PREP	EPA 3561	4300
	Phenanthrene Low Level	GC-MS	EPA 8270D
GC-MS		EPA 8270D SIM	5059
HPLC-FLUOR		EPA 8310	4060
PREP		EPA 3540C	4056
PREP		EPA 3541	4319
PREP		EPA 3545A	4086
PREP		EPA 3546	4077
PREP		EPA 3561	4300
Pyrene Low Level		GC-MS	EPA 8270D
	GC-MS	EPA 8270D SIM	5059
	HPLC-FLUOR	EPA 8310	4060
	PREP	EPA 3540C	4056
	PREP	EPA 3541	4319
	PREP	EPA 3545A	4086
	PREP	EPA 3546	4077
	PREP	EPA 3561	4300

SUBJECT Approved Methods: Solid and Hazardous Waste	DATE 05/19/2017	PAGE 64 of 110	Item No. 180.3
---	---------------------------	--------------------------	--------------------------

Priority Pollutant Phenols

Analyte	Technology	Method Name	ELAP Method Number
4-Chloro-3-methylphenol	GC-FID	EPA 8041A	4045
	GC-MS	EPA 8270D	5058
	PREP	EPA 3540C	4056
	PREP	EPA 3541	4319
	PREP	EPA 3545A	4086
	PREP	EPA 3546	4077
	PREP	EPA 3550C	4051
	PREP	EPA 3580A	3580
2-Chlorophenol	GC-FID	EPA 8041A	4045
	GC-MS	EPA 8270D	5058
	PREP	EPA 3540C	4056
	PREP	EPA 3541	4319
	PREP	EPA 3545A	4086
	PREP	EPA 3546	4077
	PREP	EPA 3550C	4051
	PREP	EPA 3580A	3580
2,4-Dichlorophenol	GC-FID	EPA 8041A	4045
	GC-MS	EPA 8270D	5058
	PREP	EPA 3540C	4056
	PREP	EPA 3541	4319
	PREP	EPA 3545A	4086
	PREP	EPA 3546	4077
	PREP	EPA 3550C	4051
	PREP	EPA 3580A	3580
2,6-Dichlorophenol	GC-FID	EPA 8041A	4045
	GC-MS	EPA 8270D	5058

SUBJECT Approved Methods: Solid and Hazardous Waste	DATE 05/19/2017	PAGE 65 of 110	Item No. 180.3
---	---------------------------	--------------------------	--------------------------

Priority Pollutant Phenols

Analyte	Technology	Method Name	ELAP Method Number
2,4-Dimethylphenol	GC-FID	EPA 8041A	4045
	GC-MS	EPA 8270D	5058
	PREP	EPA 3540C	4056
	PREP	EPA 3541	4319
	PREP	EPA 3545A	4086
	PREP	EPA 3546	4077
	PREP	EPA 3550C	4051
	PREP	EPA 3580A	3580
2,4-Dinitrophenol	GC-FID	EPA 8041A	4045
	GC-MS	EPA 8270D	5058
	PREP	EPA 3540C	4056
	PREP	EPA 3541	4319
	PREP	EPA 3545A	4086
	PREP	EPA 3546	4077
	PREP	EPA 3550C	4051
	PREP	EPA 3580A	3580
2-Methylphenol	GC-FID	EPA 8041A	4045
	GC-FTIR	EPA 8410	8410
	GC-MS	EPA 8270D	5058
	PREP	EPA 3540C	4056
	PREP	EPA 3541	4319
	PREP	EPA 3545A	4086
	PREP	EPA 3546	4077
	PREP	EPA 3550C	4051
	PREP	EPA 3580A	3580
3-Methylphenol	GC-FID	EPA 8041A	4045

SUBJECT Approved Methods: Solid and Hazardous Waste	DATE 05/19/2017	PAGE 66 of 110	Item No. 180.3
---	---------------------------	--------------------------	--------------------------

Priority Pollutant Phenols

Analyte	Technology	Method Name	ELAP Method Number
3-Methylphenol	GC-MS	EPA 8270D	5058
4-Methylphenol	GC-FID	EPA 8041A	4045
	GC-FTIR	EPA 8410	8410
	GC-MS	EPA 8270D	5058
	PREP	EPA 3540C	4056
	PREP	EPA 3541	4319
	PREP	EPA 3545A	4086
	PREP	EPA 3546	4077
	PREP	EPA 3550C	4051
	PREP	EPA 3580A	3580
2-Methyl-4,6-dinitrophenol	GC-FID	EPA 8041A	4045
	GC-MS	EPA 8270D	5058
	PREP	EPA 3540C	4056
	PREP	EPA 3541	4319
	PREP	EPA 3545A	4086
	PREP	EPA 3546	4077
	PREP	EPA 3550C	4051
	PREP	EPA 3580A	3580
2-Nitrophenol	GC-FID	EPA 8041A	4045
	GC-MS	EPA 8270D	5058
	PREP	EPA 3540C	4056
	PREP	EPA 3541	4319
	PREP	EPA 3545A	4086
	PREP	EPA 3546	4077
	PREP	EPA 3550C	4051
	PREP	EPA 3580A	3580

SUBJECT	DATE	PAGE	Item No.
Approved Methods: Solid and Hazardous Waste	05/19/2017	67 of 110	180.3

Priority Pollutant Phenols

Analyte	Technology	Method Name	ELAP Method Number	
4-Nitrophenol	GC-ECD	EPA 8151A	4100	
	GC-FID	EPA 8041A	4045	
	GC-MS	EPA 8270D	5058	
	PREP	EPA 3540C	4056	
	PREP	EPA 3541	4319	
	PREP	EPA 3545A	4086	
	PREP	EPA 3546	4077	
	PREP	EPA 3550C	4051	
	PREP	EPA 3580A	3580	
	Pentachlorophenol	GC-MS	EPA 8270D	5058
PREP		EPA 3540C	4056	
PREP		EPA 3541	4319	
PREP		EPA 3545A	4086	
PREP		EPA 3546	4077	
PREP		EPA 3550C	4051	
PREP		EPA 3580A	3580	
Phenol		GC-FID	EPA 8041A	4045
	GC-MS	EPA 8270D	5058	
	PREP	EPA 3540C	4056	
	PREP	EPA 3541	4319	
	PREP	EPA 3545A	4086	
	PREP	EPA 3546	4077	
	PREP	EPA 3550C	4051	
	PREP	EPA 3580A	3580	
	2,3,4,6 Tetrachlorophenol	GC-FID	EPA 8041A	4045
		GC-MS	EPA 8270D	5058

SUBJECT	DATE	PAGE	Item No.
Approved Methods: Solid and Hazardous Waste	05/19/2017	68 of 110	180.3

Priority Pollutant Phenols

Analyte	Technology	Method Name	ELAP Method Number
2,4,6-Trichlorophenol	GC-FID	EPA 8041A	4045
	GC-MS	EPA 8270D	5058
	PREP	EPA 3540C	4056
	PREP	EPA 3541	4319
	PREP	EPA 3545A	4086
	PREP	EPA 3546	4077
	PREP	EPA 3550C	4051
	PREP	EPA 3580A	3580
2,4,5-Trichlorophenol	GC-ECD	EPA 8151A	4100
	GC-MS	EPA 8270D	5058
	PREP	EPA 3540C	4056
	PREP	EPA 3541	4319
	PREP	EPA 3545A	4086
	PREP	EPA 3546	4077
	PREP	EPA 3550C	4051
	PREP	EPA 3580A	3580
Thiophenol	GC-MS	EPA 8270D	5058

Volatile Aromatics

Analyte	Technology	Method Name	ELAP Method Number
1,2,4-Trichlorobenzene, Volatile	GC-MS	EPA 8260C	4089
	GCELCD/PID	EPA 8021B	4095
	PREP	EPA 3580A	3580
	PREP	EPA 5021A	4301
	PREP	EPA 5035A-H	1061
	PREP	EPA 5035A-L	1060
Benzene	GC-MS	EPA 8260C	4089

SUBJECT	DATE	PAGE	Item No.
Approved Methods: Solid and Hazardous Waste	05/19/2017	69 of 110	180.3

Volatile Aromatics

Analyte	Technology	Method Name	ELAP Method Number
Benzene	GCELCD/PID	EPA 8021B	4095
	PREP	EPA 3585	4303
	PREP	EPA 5021A	4301
	PREP	EPA 5035A-H	1061
	PREP	EPA 5035A-L	1060
n-Butylbenzene	GC-ELCD	SM 18-19 6230B	5304
	GC-MS	EPA 8260C	4089
	GCELCD/PID	EPA 8021B	4095
	PREP	EPA 5021A	4301
	PREP	EPA 5035A-H	1061
sec-Butylbenzene	PREP	EPA 5035A-L	1060
	GC-ELCD	SM 18-19 6230B	5304
	GC-MS	EPA 8260C	4089
	GCELCD/PID	EPA 8021B	4095
	PREP	EPA 5021A	4301
tert-Butylbenzene	PREP	EPA 5035A-H	1061
	PREP	EPA 5035A-L	1060
	GC-ELCD	SM 18-19 6230B	5304
	GC-MS	EPA 8260C	4089
	GCELCD/PID	EPA 8021B	4095
Bromobenzene	PREP	EPA 5021A	4301
	PREP	EPA 5035A-H	1061
	PREP	EPA 5035A-L	1060
	GC-ELCD	SM 18-19 6230B	5304
	GC-MS	EPA 8260C	4089
	GCELCD/PID	EPA 8021B	4095

SUBJECT	DATE	PAGE	Item No.
Approved Methods: Solid and Hazardous Waste	05/19/2017	70 of 110	180.3

Volatile Aromatics

Analyte	Technology	Method Name	ELAP Method Number
Bromobenzene	PREP	EPA 5021A	4301
	PREP	EPA 5035A-H	1061
	PREP	EPA 5035A-L	1060
Chlorobenzene	GC-MS	EPA 8260C	4089
	GCELCD/PID	EPA 8021B	4095
	PREP	EPA 3585	4303
	PREP	EPA 5035A-H	1061
	PREP	EPA 5035A-L	1060
2-Chlorotoluene	GC-ELCD	SM 18-19 6230B	5304
	GC-MS	EPA 8260C	4089
	GCELCD/PID	EPA 8021B	4095
	PREP	EPA 5021A	4301
4-Chlorotoluene	GC-ELCD	SM 18-19 6230B	5304
	GC-MS	EPA 8260C	4089
	GCELCD/PID	EPA 8021B	4095
	PREP	EPA 5021A	4301
1,2-Dichlorobenzene	GC-MS	EPA 8260C	4089
	GCELCD/PID	EPA 8021B	4095
	PREP	EPA 3580A	3580
	PREP	EPA 3585	4303
	PREP	EPA 5021A	4301
	PREP	EPA 5035A-H	1061
	PREP	EPA 5035A-L	1060
1,3-Dichlorobenzene	GC-MS	EPA 8260C	4089
	GCELCD/PID	EPA 8021B	4095
	PREP	EPA 3580A	3580

SUBJECT	DATE	PAGE	Item No.
Approved Methods: Solid and Hazardous Waste	05/19/2017	71 of 110	180.3

Volatile Aromatics

Analyte	Technology	Method Name	ELAP Method Number	
1,3-Dichlorobenzene	PREP	EPA 3585	4303	
	PREP	EPA 5021A	4301	
	PREP	EPA 5035A-H	1061	
	PREP	EPA 5035A-L	1060	
1,4-Dichlorobenzene	GC-MS	EPA 8260C	4089	
	GCELCD/PID	EPA 8021B	4095	
	PREP	EPA 3580A	3580	
	PREP	EPA 3585	4303	
	PREP	EPA 5021A	4301	
	PREP	EPA 5035A-H	1061	
	PREP	EPA 5035A-L	1060	
	Ethyl benzene	GC-MS	EPA 8260C	4089
		GCELCD/PID	EPA 8021B	4095
		PREP	EPA 3585	4303
PREP		EPA 5021A	4301	
PREP		EPA 5035A-H	1061	
PREP		EPA 5035A-L	1060	
Isopropylbenzene		GC-ELCD	SM 18-19 6230B	5304
	GC-MS	EPA 8260C	4089	
	GCELCD/PID	EPA 8021B	4095	
	PREP	EPA 5021A	4301	
	PREP	EPA 5035A-H	1061	
	PREP	EPA 5035A-L	1060	
	p-Isopropyltoluene (P-Cymene)	GC-MS	EPA 8260C	4089
		GCELCD/PID	EPA 8021B	4095
PREP		EPA 5021A	4301	

SUBJECT	DATE	PAGE	Item No.
Approved Methods: Solid and Hazardous Waste	05/19/2017	72 of 110	180.3

Volatile Aromatics

Analyte	Technology	Method Name	ELAP Method Number
p-Isopropyltoluene (P-Cymene)	PREP	EPA 5035A-H	1061
	PREP	EPA 5035A-L	1060
Naphthalene, Volatile	GC-MS	EPA 8260C	4089
	GCELCD/PID	EPA 8021B	4095
	PREP	EPA 5021A	4301
	PREP	EPA 5035A-H	1061
n-Propylbenzene	PREP	EPA 5035A-L	1060
	GC-MS	EPA 8260C	4089
	GCELCD/PID	EPA 8021B	4095
	PREP	EPA 5021A	4301
Toluene	PREP	EPA 5035A-H	1061
	PREP	EPA 5035A-L	1060
	GC-MS	EPA 8260C	4089
	GCELCD/PID	EPA 8021B	4095
Total Xylenes	PREP	EPA 3585	4303
	PREP	EPA 5021A	4301
	PREP	EPA 5035A-H	1061
	PREP	EPA 5035A-L	1060
m/p-Xylenes	GC-MS	EPA 8260C	4089
	GCELCD/PID	EPA 8021B	4095
	PREP	EPA 3585	4303
	PREP	EPA 5021A	4301
m/p-Xylenes	PREP	EPA 5035A-H	1061
	PREP	EPA 5035A-L	1060
	GC-MS	EPA 8260C	4089
	GCELCD/PID	EPA 8021B	4095

SUBJECT	DATE	PAGE	Item No.
Approved Methods: Solid and Hazardous Waste	05/19/2017	73 of 110	180.3

Volatile Aromatics

Analyte	Technology	Method Name	ELAP Method Number
m/p-Xylenes	PREP	EPA 3585	4303
	PREP	EPA 5021A	4301
	PREP	EPA 5035A-H	1061
	PREP	EPA 5035A-L	1060
o-Xylene	GC-MS	EPA 8260C	4089
	GCELCD/PID	EPA 8021B	4095
	PREP	EPA 3585	4303
	PREP	EPA 5021A	4301
1,2,4-Trimethylbenzene	PREP	EPA 5035A-H	1061
	PREP	EPA 5035A-L	1060
	GC-ELCD	SM 18-19 6230B	5304
	GC-MS	EPA 8260C	4089
1,3,5-Trimethylbenzene	GCELCD/PID	EPA 8021B	4095
	PREP	EPA 5021A	4301
	GC-ELCD	SM 18-19 6230B	5304
	GC-MS	EPA 8260C	4089
Styrene	GCELCD/PID	EPA 8021B	4095
	PREP	EPA 5021A	4301
	GC-ELCD	SM 18-19 6230B	5304
	GC-MS	EPA 8260C	4089
	GCELCD/PID	EPA 8021B	4095
	PREP	EPA 3570	3570
	PREP	EPA 3585	4303
	PREP	EPA 5021A	4301
	PREP	EPA 5035A-H	1061
	PREP	EPA 5035A-L	1060

SUBJECT	DATE	PAGE	Item No.
Approved Methods: Solid and Hazardous Waste	05/19/2017	74 of 110	180.3

Volatile Halocarbons

Analyte	Technology	Method Name	ELAP Method Number
Bromoacetone	GC-MS	EPA 8260C	4089
	GCELCD/PID	EPA 8021B	4095
Bromochloromethane	GC-ELCD	SM 18-19 6230B	5304
	GC-MS	EPA 8260C	4089
	GCELCD/PID	EPA 8021B	4095
	PREP	EPA 3585	4303
	PREP	EPA 5021A	4301
	PREP	EPA 5035A-H	1061
	PREP	EPA 5035A-L	1060
Bromodichloromethane	GC-MS	EPA 8260C	4089
	GCELCD/PID	EPA 8021B	4095
	PREP	EPA 3585	4303
	PREP	EPA 5021A	4301
	PREP	EPA 5035A-H	1061
	PREP	EPA 5035A-L	1060
	Bromoform	GC-MS	EPA 8260C
GCELCD/PID		EPA 8021B	4095
PREP		EPA 3585	4303
PREP		EPA 5021A	4301
PREP		EPA 5035A-H	1061
PREP		EPA 5035A-L	1060
Bromomethane		GC-MS	EPA 8260C
	GCELCD/PID	EPA 8021B	4095
	PREP	EPA 3585	4303
	PREP	EPA 5021A	4301
	PREP	EPA 5035A-H	1061

SUBJECT	DATE	PAGE	Item No.
Approved Methods: Solid and Hazardous Waste	05/19/2017	75 of 110	180.3

Volatile Halocarbons

Analyte	Technology	Method Name	ELAP Method Number
Bromomethane	PREP	EPA 5035A-L	1060
Carbon tetrachloride	GC-MS	EPA 8260C	4089
	GCELCD/PID	EPA 8021B	4095
	PREP	EPA 3585	4303
	PREP	EPA 5021A	4301
	PREP	EPA 5035A-H	1061
Chloroethane	PREP	EPA 5035A-L	1060
	GC-MS	EPA 8260C	4089
	GCELCD/PID	EPA 8021B	4095
	PREP	EPA 3585	4303
	PREP	EPA 5021A	4301
	PREP	EPA 5035A-H	1061
	PREP	EPA 5035A-L	1060
2-Chloro-1,3-butadiene (Chloroprene)	GC-MS	EPA 8260C	4089
	GCELCD/PID	EPA 8021B	4095
	PREP	EPA 5035A-H	1061
	PREP	EPA 5035A-L	1060
	2-Chloroethylvinyl ether	GC-MS	EPA 8260C
GCELCD/PID		EPA 8021B	4095
PREP		EPA 5035A-H	1061
PREP		EPA 5035A-L	1060
Chloroform		GC-MS	EPA 8260C
	GCELCD/PID	EPA 8021B	4095
	PREP	EPA 3585	4303
	PREP	EPA 5021A	4301
	PREP	EPA 5035A-H	1061

SUBJECT	DATE	PAGE	Item No.
Approved Methods: Solid and Hazardous Waste	05/19/2017	76 of 110	180.3

Volatile Halocarbons

Analyte	Technology	Method Name	ELAP Method Number
Chloroform	PREP	EPA 5035A-L	1060
Chloromethane	GC-MS	EPA 8260C	4089
	GCELCD/PID	EPA 8021B	4095
	PREP	EPA 3585	4303
	PREP	EPA 5021A	4301
	PREP	EPA 5035A-H	1061
	PREP	EPA 5035A-L	1060
	cis-1,4-Dichloro-2-butene	GC-MS	EPA 8260C
	PREP	EPA 5035A-H	1061
	PREP	EPA 5035A-L	1060
trans-1,4-Dichloro-2-butene	GC-MS	EPA 8260C	4089
	PREP	EPA 5035A-H	1061
	PREP	EPA 5035A-L	1060
1,2-Dibromo-3-chloropropane	GC-MS	EPA 8260C	4089
	GCELCD/PID	EPA 8021B	4095
	PREP	EPA 3580A	3580
	PREP	EPA 5021A	4301
	PREP	EPA 5035A-H	1061
	PREP	EPA 5035A-L	1060
	1,2-Dibromoethane	GC-MS	EPA 8260C
	GCELCD/PID	EPA 8021B	4095
	PREP	EPA 5021A	4301
	PREP	EPA 5035A-H	1061
	PREP	EPA 5035A-L	1060
1,3-Dichloro-2-propanol	GC-MS	EPA 8260C	4089
	GCELCD/PID	EPA 8021B	4095

SUBJECT	DATE	PAGE	Item No.
Approved Methods: Solid and Hazardous Waste	05/19/2017	77 of 110	180.3

Volatile Halocarbons

Analyte	Technology	Method Name	ELAP Method Number
3-Chloropropene (Allyl chloride)	GC-MS	EPA 8260C	4089
	GCELCD/PID	EPA 8021B	4095
	PREP	EPA 5035A-H	1061
	PREP	EPA 5035A-L	1060
cis-1,3-Dichloropropene	GC-MS	EPA 8260C	4089
	GCELCD/PID	EPA 8021B	4095
	PREP	EPA 3585	4303
	PREP	EPA 5035A-H	1061
	PREP	EPA 5035A-L	1060
trans-1,3-Dichloropropene	GC-MS	EPA 8260C	4089
	GCELCD/PID	EPA 8021B	4095
	PREP	EPA 3585	4303
	PREP	EPA 5035A-H	1061
	PREP	EPA 5035A-L	1060
Dibromochloromethane	GC-MS	EPA 8260C	4089
	GCELCD/PID	EPA 8021B	4095
	PREP	EPA 3585	4303
	PREP	EPA 5021A	4301
	PREP	EPA 5035A-H	1061
	PREP	EPA 5035A-L	1060
Dibromomethane	GC-ELCD	SM 18-19 6230B	5304
	GC-MS	EPA 8260C	4089
	GCELCD/PID	EPA 8021B	4095
	PREP	EPA 3585	4303
	PREP	EPA 5021A	4301
	PREP	EPA 5035A-H	1061

SUBJECT	DATE	PAGE	Item No.
Approved Methods: Solid and Hazardous Waste	05/19/2017	78 of 110	180.3

Volatile Halocarbons

Analyte	Technology	Method Name	ELAP Method Number
Dibromomethane	PREP	EPA 5035A-L	1060
Dichlorodifluoromethane	GC-MS	EPA 8260C	4089
	GCELCD/PID	EPA 8021B	4095
	PREP	EPA 3585	4303
	PREP	EPA 5021A	4301
	PREP	EPA 5035A-H	1061
	PREP	EPA 5035A-L	1060
	1,1-Dichloroethane	GC-MS	EPA 8260C
GCELCD/PID		EPA 8021B	4095
PREP		EPA 3585	4303
PREP		EPA 5021A	4301
PREP		EPA 5035A-H	1061
PREP		EPA 5035A-L	1060
1,2-Dichloroethane		GC-MS	EPA 8260C
	GCELCD/PID	EPA 8021B	4095
	PREP	EPA 3585	4303
	PREP	EPA 5021A	4301
	PREP	EPA 5035A-H	1061
	PREP	EPA 5035A-L	1060
	1,1-Dichloroethene	GC-MS	EPA 8260C
GCELCD/PID		EPA 8021B	4095
PREP		EPA 3585	4303
PREP		EPA 5021A	4301
PREP		EPA 5035A-H	1061
PREP		EPA 5035A-L	1060
cis-1,2-Dichloroethene		GC-ELCD	SM 18-19 6230B

SUBJECT	DATE	PAGE	Item No.
Approved Methods: Solid and Hazardous Waste	05/19/2017	79 of 110	180.3

Volatile Halocarbons

Analyte	Technology	Method Name	ELAP Method Number
cis-1,2-Dichloroethene	GC-MS	EPA 8260C	4089
	GCELCD/PID	EPA 8021B	4095
	PREP	EPA 3585	4303
	PREP	EPA 5021A	4301
	PREP	EPA 5035A-H	1061
	PREP	EPA 5035A-L	1060
trans-1,2-Dichloroethene	GC-ELCD	SM 18-19 6230B	5304
	GC-MS	EPA 8260C	4089
	GCELCD/PID	EPA 8021B	4095
	PREP	EPA 3585	4303
	PREP	EPA 5021A	4301
	PREP	EPA 5035A-H	1061
	PREP	EPA 5035A-L	1060
1,1-Dichloropropene	GC-ELCD	SM 18-19 6230B	5304
	GC-MS	EPA 8260C	4089
	GCELCD/PID	EPA 8021B	4095
	PREP	EPA 5021A	4301
	PREP	EPA 5035A-H	1061
	PREP	EPA 5035A-L	1060
1,2-Dichloropropane	GC-MS	EPA 8260C	4089
	GCELCD/PID	EPA 8021B	4095
	PREP	EPA 3585	4303
	PREP	EPA 5021A	4301
	PREP	EPA 5035A-H	1061
	PREP	EPA 5035A-L	1060
1,3-Dichloropropane	GC-ELCD	SM 18-19 6230B	5304

SUBJECT	DATE	PAGE	Item No.
Approved Methods: Solid and Hazardous Waste	05/19/2017	80 of 110	180.3

Volatile Halocarbons

Analyte	Technology	Method Name	ELAP Method Number
1,3-Dichloropropane	GC-MS	EPA 8260C	4089
	GCELCD/PID	EPA 8021B	4095
	PREP	EPA 5021A	4301
	PREP	EPA 5035A-H	1061
	PREP	EPA 5035A-L	1060
2,2-Dichloropropane	GC-ELCD	SM 18-19 6230B	5304
	GC-MS	EPA 8260C	4089
	GCELCD/PID	EPA 8021B	4095
	PREP	EPA 5021A	4301
	PREP	EPA 5035A-H	1061
Hexachlorobutadiene, Volatile	PREP	EPA 5035A-L	1060
	GC-MS	EPA 8260C	4089
	GCELCD/PID	EPA 8021B	4095
	PREP	EPA 5021A	4301
	PREP	EPA 5035A-H	1061
Methylene chloride	PREP	EPA 5035A-L	1060
	GC-MS	EPA 8260C	4089
	GCELCD/PID	EPA 8021B	4095
	PREP	EPA 3585	4303
	PREP	EPA 5021A	4301
Methyl iodide	PREP	EPA 5035A-H	1061
	PREP	EPA 5035A-L	1060
	GC-MS	EPA 8260C	4089
	GC-ELCD	SM 18-19 6230B	5304
	GC-MS	EPA 8260C	4089
1,1,1,2-Tetrachloroethane	GCELCD/PID	EPA 8021B	4095

SUBJECT	DATE	PAGE	Item No.
Approved Methods: Solid and Hazardous Waste	05/19/2017	81 of 110	180.3

Volatile Halocarbons

Analyte	Technology	Method Name	ELAP Method Number	
1,1,1,2-Tetrachloroethane	PREP	EPA 3585	4303	
	PREP	EPA 5021A	4301	
	PREP	EPA 5035A-H	1061	
	PREP	EPA 5035A-L	1060	
1,1,2,2-Tetrachloroethane	GC-MS	EPA 8260C	4089	
	GCELCD/PID	EPA 8021B	4095	
	PREP	EPA 3585	4303	
	PREP	EPA 5021A	4301	
	PREP	EPA 5035A-H	1061	
	PREP	EPA 5035A-L	1060	
	Tetrachloroethene	GC-MS	EPA 8260C	4089
		GCELCD/PID	EPA 8021B	4095
PREP		EPA 3585	4303	
PREP		EPA 5021A	4301	
PREP		EPA 5035A-H	1061	
PREP		EPA 5035A-L	1060	
1,1,1-Trichloroethane		GC-MS	EPA 8260C	4089
		GCELCD/PID	EPA 8021B	4095
	PREP	EPA 3585	4303	
	PREP	EPA 5021A	4301	
	PREP	EPA 5035A-H	1061	
	PREP	EPA 5035A-L	1060	
	1,1,2-Trichloroethane	GC-MS	EPA 8260C	4089
		GCELCD/PID	EPA 8021B	4095
PREP		EPA 3585	4303	
PREP		EPA 5021A	4301	

SUBJECT	DATE	PAGE	Item No.
Approved Methods: Solid and Hazardous Waste	05/19/2017	82 of 110	180.3

Volatile Halocarbons

Analyte	Technology	Method Name	ELAP Method Number		
1,1,2-Trichloroethane	PREP	EPA 5035A-H	1061		
	PREP	EPA 5035A-L	1060		
Trichloroethene	GC-MS	EPA 8260C	4089		
	GCELCD/PID	EPA 8021B	4095		
	PREP	EPA 3585	4303		
	PREP	EPA 5021A	4301		
	PREP	EPA 5035A-H	1061		
	PREP	EPA 5035A-L	1060		
	Trichlorofluoromethane	GC-MS	EPA 8260C	4089	
GCELCD/PID		EPA 8021B	4095		
PREP		EPA 3585	4303		
PREP		EPA 5021A	4301		
PREP		EPA 5035A-H	1061		
PREP		EPA 5035A-L	1060		
1,2,3-Trichloropropane		GC-ELCD	SM 18-19 6230B	5304	
	GC-MS	EPA 8260C	4089		
	GCELCD/PID	EPA 8021B	4095		
	PREP	EPA 3585	4303		
	PREP	EPA 5021A	4301		
	PREP	EPA 5035A-H	1061		
	PREP	EPA 5035A-L	1060		
	1,1,2-Trichloro-1,2,2-Trifluoroethane	GC-MS	EPA 8260C	4089	
		Vinyl chloride	GC-MS	EPA 8260C	4089
			GCELCD/PID	EPA 8021B	4095
PREP			EPA 3585	4303	
PREP			EPA 5021A	4301	

SUBJECT Approved Methods: Solid and Hazardous Waste	DATE 05/19/2017	PAGE 83 of 110	Item No. 180.3
---	---------------------------	--------------------------	--------------------------

Volatile Halocarbons

Analyte	Technology	Method Name	ELAP Method Number
Vinyl chloride	PREP	EPA 5035A-H	1061
	PREP	EPA 5035A-L	1060

Chlorinated Hydrocarbon Pesticides

Analyte	Technology	Method Name	ELAP Method Number
Aldrin	GC-ECD	EPA 8081B	4049
	GC-MS	EPA 8270D	5058
	PREP	EPA 3540C	4056
	PREP	EPA 3541	4319
	PREP	EPA 3545A	4086
	PREP	EPA 3546	4077
	PREP	EPA 3550C	4051
	PREP	EPA 3580A	3580
	Atrazine	GC-ECD	EPA 8081B
GC-MS		EPA 8270D	5058
alpha-BHC		GC-ECD	EPA 8081B
	GC-MS	EPA 8270D	5058
	PREP	EPA 3540C	4056
	PREP	EPA 3541	4319
	PREP	EPA 3545A	4086
	PREP	EPA 3546	4077
	PREP	EPA 3550C	4051
	PREP	EPA 3580A	3580
	beta-BHC	GC-ECD	EPA 8081B
GC-MS		EPA 8270D	5058
PREP		EPA 3540C	4056
PREP		EPA 3541	4319

SUBJECT Approved Methods: Solid and Hazardous Waste	DATE 05/19/2017	PAGE 84 of 110	Item No. 180.3
---	---------------------------	--------------------------	--------------------------

Chlorinated Hydrocarbon Pesticides

Analyte	Technology	Method Name	ELAP Method Number	
beta-BHC	PREP	EPA 3545A	4086	
	PREP	EPA 3546	4077	
	PREP	EPA 3550C	4051	
	PREP	EPA 3580A	3580	
delta-BHC	GC-ECD	EPA 8081B	4049	
	GC-MS	EPA 8270D	5058	
	PREP	EPA 3540C	4056	
	PREP	EPA 3541	4319	
	PREP	EPA 3545A	4086	
	PREP	EPA 3546	4077	
	PREP	EPA 3550C	4051	
	PREP	EPA 3580A	3580	
	Lindane	GC-ECD	EPA 8081B	4049
		GC-MS	EPA 8270D	5058
PREP		EPA 3540C	4056	
PREP		EPA 3541	4319	
PREP		EPA 3545A	4086	
PREP		EPA 3546	4077	
PREP		EPA 3550C	4051	
PREP		EPA 3580A	3580	
alpha-Chlordane		GC-ECD	EPA 8081B	4049
		GC-ECD	OLM 4.3	1203
	GC-MS	EPA 8270D	5058	
	PREP	EPA 3540C	4056	
	PREP	EPA 3541	4319	
	PREP	EPA 3545A	4086	

SUBJECT	DATE	PAGE	Item No.
Approved Methods: Solid and Hazardous Waste	05/19/2017	85 of 110	180.3

Chlorinated Hydrocarbon Pesticides

Analyte	Technology	Method Name	ELAP Method Number	
alpha-Chlordane	PREP	EPA 3546	4077	
	PREP	EPA 3550C	4051	
gamma-Chlordane	GC-ECD	EPA 8081B	4049	
	GC-ECD	OLM 4.3	1203	
	GC-MS	EPA 8270D	5058	
	PREP	EPA 3540C	4056	
	PREP	EPA 3541	4319	
	PREP	EPA 3545A	4086	
	PREP	EPA 3546	4077	
	PREP	EPA 3550C	4051	
	Chlordane Total	GC-ECD	EPA 8081B	4049
		GC-MS	EPA 8270D	5058
PREP		EPA 3540C	4056	
PREP		EPA 3541	4319	
PREP		EPA 3545A	4086	
PREP		EPA 3546	4077	
PREP		EPA 3550C	4051	
PREP		EPA 3580A	3580	
Chlorobenzilate	GC-ECD	EPA 8081B	4049	
	GC-MS	EPA 8270D	5058	
2,4'-DDD (Mitotane)	GC-ECD	EPA 8081B	4049	
	GC-ECD	EPA 8081B	4049	
4,4'-DDD	GC-MS	EPA 8270D	5058	
	PREP	EPA 3540C	4056	
	PREP	EPA 3541	4319	
	PREP	EPA 3545A	4086	

SUBJECT	DATE	PAGE	Item No.
Approved Methods: Solid and Hazardous Waste	05/19/2017	86 of 110	180.3

Chlorinated Hydrocarbon Pesticides

Analyte	Technology	Method Name	ELAP Method Number	
4,4'-DDD	PREP	EPA 3546	4077	
	PREP	EPA 3550C	4051	
	PREP	EPA 3580A	3580	
4,4'-DDE	GC-ECD	EPA 8081B	4049	
	GC-MS	EPA 8270D	5058	
	PREP	EPA 3540C	4056	
	PREP	EPA 3541	4319	
	PREP	EPA 3545A	4086	
	PREP	EPA 3546	4077	
	PREP	EPA 3550C	4051	
	PREP	EPA 3580A	3580	
	4,4'-DDT	GC-ECD	EPA 8081B	4049
		GC-MS	EPA 8270D	5058
PREP		EPA 3540C	4056	
PREP		EPA 3541	4319	
PREP		EPA 3545A	4086	
PREP		EPA 3546	4077	
PREP		EPA 3550C	4051	
PREP		EPA 3580A	3580	
Diallate		GC-ECD	EPA 8081B	4049
		GC-MS	EPA 8270D	5058
Dieldrin	GC-ECD	EPA 8081B	4049	
	GC-MS	EPA 8270D	5058	
	PREP	EPA 3540C	4056	
	PREP	EPA 3541	4319	
	PREP	EPA 3545A	4086	

SUBJECT Approved Methods: Solid and Hazardous Waste	DATE 05/19/2017	PAGE 87 of 110	Item No. 180.3
---	---------------------------	--------------------------	--------------------------

Chlorinated Hydrocarbon Pesticides

Analyte	Technology	Method Name	ELAP Method Number	
Dieldrin	PREP	EPA 3546	4077	
	PREP	EPA 3550C	4051	
	PREP	EPA 3580A	3580	
Endosulfan I	GC-ECD	EPA 8081B	4049	
	GC-MS	EPA 8270D	5058	
	PREP	EPA 3540C	4056	
	PREP	EPA 3541	4319	
	PREP	EPA 3545A	4086	
	PREP	EPA 3546	4077	
	PREP	EPA 3550C	4051	
	PREP	EPA 3580A	3580	
	Endosulfan II	GC-ECD	EPA 8081B	4049
		GC-MS	EPA 8270D	5058
PREP		EPA 3540C	4056	
PREP		EPA 3541	4319	
PREP		EPA 3545A	4086	
PREP		EPA 3546	4077	
PREP		EPA 3550C	4051	
PREP		EPA 3580A	3580	
Endosulfan sulfate		GC-ECD	EPA 8081B	4049
		GC-MS	EPA 8270D	5058
	PREP	EPA 3540C	4056	
	PREP	EPA 3541	4319	
	PREP	EPA 3545A	4086	
	PREP	EPA 3546	4077	
	PREP	EPA 3550C	4051	

SUBJECT Approved Methods: Solid and Hazardous Waste	DATE 05/19/2017	PAGE 88 of 110	Item No. 180.3
---	---------------------------	--------------------------	--------------------------

Chlorinated Hydrocarbon Pesticides

Analyte	Technology	Method Name	ELAP Method Number	
Endosulfan sulfate	PREP	EPA 3580A	3580	
	GC-ECD	EPA 8081B	4049	
Endrin	GC-MS	EPA 8270D	5058	
	PREP	EPA 3540C	4056	
	PREP	EPA 3541	4319	
	PREP	EPA 3545A	4086	
	PREP	EPA 3546	4077	
	PREP	EPA 3550C	4051	
	PREP	EPA 3580A	3580	
	Endrin aldehyde	GC-ECD	EPA 8081B	4049
		GC-MS	EPA 8270D	5058
		PREP	EPA 3540C	4056
PREP		EPA 3541	4319	
PREP		EPA 3545A	4086	
PREP		EPA 3546	4077	
PREP		EPA 3550C	4051	
PREP		EPA 3580A	3580	
Endrin Ketone	GC-ECD	EPA 8081B	4049	
	GC-ECD	OLM 4.3	1203	
	GC-MS	EPA 8270D	5058	
	PREP	EPA 3540C	4056	
	PREP	EPA 3541	4319	
	PREP	EPA 3545A	4086	
	PREP	EPA 3546	4077	
	PREP	EPA 3550C	4051	
	PREP	EPA 3580A	3580	

SUBJECT Approved Methods: Solid and Hazardous Waste	DATE 05/19/2017	PAGE 89 of 110	Item No. 180.3
---	---------------------------	--------------------------	--------------------------

Chlorinated Hydrocarbon Pesticides

Analyte	Technology	Method Name	ELAP Method Number
Heptachlor	GC-ECD	EPA 8081B	4049
	GC-MS	EPA 8270D	5058
	PREP	EPA 3540C	4056
	PREP	EPA 3541	4319
	PREP	EPA 3545A	4086
	PREP	EPA 3546	4077
	PREP	EPA 3550C	4051
	PREP	EPA 3580A	3580
Heptachlor epoxide	GC-ECD	EPA 8081B	4049
	GC-MS	EPA 8270D	5058
	PREP	EPA 3540C	4056
	PREP	EPA 3541	4319
	PREP	EPA 3545A	4086
	PREP	EPA 3546	4077
	PREP	EPA 3550C	4051
	PREP	EPA 3580A	3580
Isodrin	GC-MS	EPA 8270D	5058
Mirex	GC-ECD	EPA 8081B	4049
	GC-MS	EPA 8270D	5058
Methoxychlor	GC-ECD	EPA 8081B	4049
	GC-MS	EPA 8270D	5058
	PREP	EPA 3540C	4056
	PREP	EPA 3541	4319
	PREP	EPA 3545A	4086
	PREP	EPA 3546	4077
	PREP	EPA 3550C	4051

SUBJECT	DATE	PAGE	Item No.
Approved Methods: Solid and Hazardous Waste	05/19/2017	90 of 110	180.3

Chlorinated Hydrocarbon Pesticides

Analyte	Technology	Method Name	ELAP Method Number
Methoxychlor	PREP	EPA 3580A	3580
	Toxaphene	GC-ECD	EPA 8081B
	GC-MS	EPA 8270D	5058
	PREP	EPA 3540C	4056
	PREP	EPA 3541	4319
	PREP	EPA 3545A	4086
	PREP	EPA 3546	4077
	PREP	EPA 3550C	4051
	PREP	EPA 3580A	3580
Kepone	GC-ECD	EPA 8081B	4049
	GC-MS	EPA 8270D	5058
Pentachloronitrobenzene	GC-ECD	EPA 8081B	4049
	GC-MS	EPA 8270D	5058
	GC-NPD	EPA 8091	4047
Trifluralin	GC-ECD	EPA 8081B	4049
	GC-MS	EPA 8270D	5058
	GC-NPD	EPA 8091	4047
Simazine	GC-MS	EPA 8270D	5058
	GC-NPD	EPA 8141B	4098

Chlorophenoxy Acid Pesticides

Analyte	Technology	Method Name	ELAP Method Number
2,4-DB	GC-ECD	EPA 8151A	4100
	HPLC-TSMS	EPA 8321B	8322
	PREP	EPA 3545A	4086
	PREP	EPA 3546	4077
2,4-D	GC-ECD	EPA 8151A	4100

SUBJECT	DATE	PAGE	Item No.
Approved Methods: Solid and Hazardous Waste	05/19/2017	91 of 110	180.3

Chlorophenoxy Acid Pesticides

Analyte	Technology	Method Name	ELAP Method Number
2,4-D	HPLC-TSMS	EPA 8321B	8322
	PREP	EPA 3545A	4086
	PREP	EPA 3546	4077
2,4,5-T	GC-ECD	EPA 8151A	4100
	HPLC-TSMS	EPA 8321B	8322
	PREP	EPA 3545A	4086
	PREP	EPA 3546	4077
2,4,5-TP (Silvex)	GC-ECD	EPA 8151A	4100
	HPLC-TSMS	EPA 8321B	8322
	PREP	EPA 3545A	4086
	PREP	EPA 3546	4077
Dicamba	GC-ECD	EPA 8151A	4100
	HPLC-TSMS	EPA 8321B	8322
	PREP	EPA 3545A	4086
	PREP	EPA 3546	4077
Dichloroprop	GC-ECD	EPA 8151A	4100
	HPLC-TSMS	EPA 8321B	8322
Dinoseb	GC-ECD	EPA 8151A	4100
	GC-MS	EPA 8270D	5058
	HPLC-TSMS	EPA 8321B	8322
	PREP	EPA 3545A	4086
	PREP	EPA 3546	4077
Dalapon	PREP	EPA 3580A	3580
	GC-ECD	EPA 8151A	4100
	HPLC-TSMS	EPA 8321B	8322
MCPA	GC-ECD	EPA 8151A	4100

SUBJECT	DATE	PAGE	Item No.
Approved Methods: Solid and Hazardous Waste	05/19/2017	92 of 110	180.3

Chlorophenoxy Acid Pesticides

Analyte	Technology	Method Name	ELAP Method Number
MCPA	HPLC-TSMS	EPA 8321B	8322
MCPP	GC-ECD	EPA 8151A	4100
Pentachlorophenol	HPLC-TSMS	EPA 8321B	8322
	GC-ECD	EPA 8151A	4100
	PREP	EPA 3546	4077

Organophosphate Pesticides

Analyte	Technology	Method Name	ELAP Method Number
Azinphos ethyl	GC-NPD	EPA 8141B	4098
Azinphos methyl	GC-MS	EPA 8270D	5058
	GC-NPD	EPA 8141B	4098
Bolstar	GC-NPD	EPA 8141B	4098
Carbophenothion	GC-MS	EPA 8270D	5058
	GC-NPD	EPA 8141B	4098
Coumaphos	GC-MS	EPA 8270D	5058
	GC-NPD	EPA 8141B	4098
Chlorpyrifos	GC-MS	EPA 8270D	5058
	GC-NPD	EPA 8141B	4098
Chlorpyrifos methyl	GC-NPD	EPA 8141B	4098
Chlorphenvinphos	GC-MS	EPA 8270D	5058
	GC-NPD	EPA 8141B	4098
Crotoxyphos	GC-MS	EPA 8270D	5058
Cyanazine	GC-MS	EPA 8270D	5058
Demeton-O	GC-MS	EPA 8270D	5058
	GC-NPD	EPA 8141B	4098
Demeton-S	GC-MS	EPA 8270D	5058
	GC-NPD	EPA 8141B	4098

SUBJECT Approved Methods: Solid and Hazardous Waste	DATE 05/19/2017	PAGE 93 of 110	Item No. 180.3
---	---------------------------	--------------------------	--------------------------

Organophosphate Pesticides

Analyte	Technology	Method Name	ELAP Method Number
Diazinon	GC-MS	EPA 8270D	5058
	GC-NPD	EPA 8141B	4098
Dichlorfenthion	GC-NPD	EPA 8141B	4098
Dichlorvos	GC-MS	EPA 8270D	5058
	GC-NPD	EPA 8141B	4098
Dicrotophos	GC-MS	EPA 8270D	5058
	GC-NPD	EPA 8141B	4098
Dimethoate	GC-MS	EPA 8270D	5058
	GC-NPD	EPA 8141B	4098
Dioxathion	GC-MS	EPA 8270D	5058
	GC-NPD	EPA 8141B	4098
Disulfoton	GC-MS	EPA 8270D	5058
	GC-NPD	EPA 8141B	4098
	PREP	EPA 3540C	4056
	PREP	EPA 3541	4319
	PREP	EPA 3545A	4086
	PREP	EPA 3546	4077
Ethion	GC-MS	EPA 8270D	5058
	GC-NPD	EPA 8141B	4098
Ethoprop	GC-NPD	EPA 8141B	4098
EPN	GC-MS	EPA 8270D	5058
	GC-NPD	EPA 8141B	4098
Famphur	GC-MS	EPA 8270D	5058
	GC-NPD	EPA 8141B	4098
Fenitrothion	GC-MS	EPA 8270D	5058
	GC-NPD	EPA 8141B	4098

SUBJECT	DATE	PAGE	Item No.
Approved Methods: Solid and Hazardous Waste	05/19/2017	94 of 110	180.3

Organophosphate Pesticides

Analyte	Technology	Method Name	ELAP Method Number
Fensulfothion	GC-NPD	EPA 8141B	4098
Fenthion	GC-MS	EPA 8270D	5058
	GC-NPD	EPA 8141B	4098
Fonophos	GC-NPD	EPA 8141B	4098
	GC-MS	EPA 8270D	5058
Isophenphos	GC-NPD	EPA 8141B	4098
	GC-MS	EPA 8270D	5058
Malathion	GC-MS	EPA 8270D	5058
	GC-NPD	EPA 8141B	4098
Mevinphos	GC-MS	EPA 8270D	5058
	GC-NPD	EPA 8141B	4098
Monocrotophos	GC-MS	EPA 8270D	5058
	GC-NPD	EPA 8141B	4098
NALED	GC-MS	EPA 8270D	5058
	GC-NPD	EPA 8141B	4098
Parathion ethyl	GC-MS	EPA 8270D	5058
	GC-NPD	EPA 8141B	4098
Parathion methyl	GC-MS	EPA 8270D	5058
	GC-NPD	EPA 8141B	4098
Pendimethalin	GC-MS	EPA 8270D	5058
	GC-NPD	EPA 8141B	4098
Phorate	GC-MS	EPA 8270D	5058
	GC-NPD	EPA 8141B	4098
Phosphamidon	GC-MS	EPA 8270D	5058
	GC-NPD	EPA 8141B	4098
Prometon	GC-MS	EPA 8270D	5058
	GC-NPD	EPA 8141B	4098

SUBJECT	DATE	PAGE	Item No.
Approved Methods: Solid and Hazardous Waste	05/19/2017	95 of 110	180.3

Organophosphate Pesticides

Analyte	Technology	Method Name	ELAP Method Number
Prometryn	GC-MS	EPA 8270D	5058
	GC-NPD	EPA 8141B	4098
Ronnel	GC-NPD	EPA 8141B	4098
Sulfotepp	GC-MS	EPA 8270D	5058
	GC-NPD	EPA 8141B	4098
TEPP	GC-MS	EPA 8270D	5058
	GC-NPD	EPA 8141B	4098
Terbufos	GC-MS	EPA 8270D	5058
	GC-NPD	EPA 8141B	4098
Thionazin	GC-MS	EPA 8270D	5058
	GC-NPD	EPA 8141B	4098
Tokuthion	GC-NPD	EPA 8141B	4098
Trichlorfon	GC-NPD	EPA 8141B	4098
Trichloronate	GC-NPD	EPA 8141B	4098

Volatile Chlorinated Organics

Analyte	Technology	Method Name	ELAP Method Number
Benzyl chloride	GC-ECD	EPA 8082A	4308
	GC-ECD	EPA 8121	4097
	GC-HRMS	EPA 1668 A	1668
	GC-HRMS	EPA 1668B	1669
	GC-MS	EPA 8260C	4089
Epichlorohydrin	GC-MS	EPA 8260C	4089
	GCELCD/PID	EPA 8021B	4095

Miscellaneous

Analyte	Technology	Method Name	ELAP Method Number
Asbestos in Friable Material	PLM	EPA 600/M4/82/020	4008

SUBJECT Approved Methods: Solid and Hazardous Waste	DATE 05/19/2017	PAGE 96 of 110	Item No. 180.3
---	---------------------------	--------------------------	--------------------------

Miscellaneous

Analyte	Technology	Method Name	ELAP Method Number	
Asbestos in Friable Material	PLM	Item 198.1 of Manual	1981	
Asbestos in Non-Friable Material-TEM	TEM	Item 198.4 of Manual	4070	
Asbestos in Non-Friable Material-PLM	PLM	Item 198.6 of Manual (NOB by PLM)	1986	
Asbestos-Vermiculite-Containing Materials	PLM	Item 198.8 of Manual	4601	
Boron, Total	ICP-AES	EPA 6010C	4078	
	ICP-AES	EPA 6010D	4080	
	ICP-MS	EPA 6020A	4081	
	ICP-MS	EPA 6020B	4088	
	PREP	EPA 3005A	4016	
	PREP	EPA 3010A	4015	
	PREP	EPA 3050B	4018	
	PREP	EPA 3051A	4087	
	PREP	EPA 3052	4311	
	Cyanide, Total	AUTO	EPA 9012B	9380
		COLOR	EPA 9014	4014
PREP		EPA 9010C	9379	
Cyanide, Free	COLOR	EPA 9016	9377	
Formaldehyde	HPLC-UV	EPA 8315A	8316	
Lead in Paint	FAAS	ASTM D3335-85A	9500	
	FAAS	EPA 7000B	7000	
	GFAAS	EPA 7010	7010	
	ICP-AES	EPA 6010C	4078	
	ICP-AES	EPA 6010D	4080	
	ICP-AES	SM 18-21 3120B (99)	2583	
	ICP-MS	EPA 6020A	4081	
	ICP-MS	EPA 6020B	4088	

SUBJECT	DATE	PAGE	Item No.
Approved Methods: Solid and Hazardous Waste	05/19/2017	97 of 110	180.3

Miscellaneous

Analyte	Technology	Method Name	ELAP Method Number
Lead in Paint	PREP	AOAC 974.02	1059
	PREP	ASTM D3335-85A	9502
	PREP	ASTM E-1979-12	4073
	PREP	EPA 3050B	4018
	PREP	EPA 3051A	4087
	PREP	EPA 3052	4311
	PREP	EPA 600/R-93/200	4072
Lead in Dust Wipes	FAAS	EPA 7000B	7000
	FAAS	NIOSH 9100	9507
	GFAAS	EPA 7010	7010
	GFAAS	NIOSH 7105	9505
	GFAAS	NIOSH 9100	9506
	IC-MS	NIOSH 9100	9509
	ICP-AES	EPA 6010C	4078
	ICP-AES	EPA 6010D	4080
	ICP-AES	NIOSH 9100	9508
	ICP-MS	EPA 6020A	4081
	ICP-MS	EPA 6020B	4088
	PREP	ASTM E-1644-04	9910
	PREP	ASTM E-1979-12	4073
	PREP	EPA 3050B	4018
	PREP	EPA 3051A	4087
PREP	EPA 3052	4311	
Organic Carbon, Total	IR	EPA 9060A	9961
	IR	Lloyd Kahn Method	1210
Perchlorate	HPLC-ESMS	EPA 6850	1183

SUBJECT Approved Methods: Solid and Hazardous Waste	DATE 05/19/2017	PAGE 98 of 110	Item No. 180.3
---	---------------------------	--------------------------	--------------------------

Miscellaneous

Analyte	Technology	Method Name	ELAP Method Number
Phenols	COLOR	EPA 9065	9965
	COLOR	EPA 9066	9966
	COLOR	EPA 9067	9967
Specific Conductance	COND	EPA 9050A	9378
Sulfide (as S)	PREP	EPA 9030B	4010
	TITR	EPA 9031	4011
	TITR	EPA 9034	4316
Extractable Organic Halides	COUL	EPA 9023	9923
Total Organic Halides	COUL	EPA 9020B	9025
	NAA	EPA 9022	9026

Critical Agents

Analyte	Technology	Method Name	ELAP Method Number
B. Anthracis, Swabs and Swipes	99	NYSDOH Approved Method	9900
B. Anthracis, Powders, Fluids, Bulk Mat.	99	NYSDOH Approved Method	9900
Botulinum Neurotoxin	99	NYSDOH Approved Method	9900
Brucella	99	NYSDOH Approved Method	9900
Burkholderia mallei	99	NYSDOH Approved Method	9900
Burkholderia pseudomallei	99	NYSDOH Approved Method	9900
F. tularensis	99	NYSDOH Approved Method	9900
Orthopox	99	NYSDOH Approved Method	9900
Ricin Toxin	99	NYSDOH Approved Method	9900
Y. pestis	99	NYSDOH Approved Method	9900

Benzidines

Analyte	Technology	Method Name	ELAP Method Number
Benzidine	GC-MS	EPA 8270D	5058
	HPLC-PBMS	EPA 8325	8325

SUBJECT	DATE	PAGE	Item No.
Approved Methods: Solid and Hazardous Waste	05/19/2017	99 of 110	180.3

Benzidines

Analyte	Technology	Method Name	ELAP Method Number
3,3'-Dichlorobenzidine	GC-MS	EPA 8270D	5058
	HPLC-PBMS	EPA 8325	8325
3,3'-Dimethylbenzidine	GC-MS	EPA 8270D	5058
	HPLC-PBMS	EPA 8325	8325

Volatile Organics

Analyte	Technology	Method Name	ELAP Method Number
Acetone	GC-FID	EPA 8015C	9996
	GC-FID	EPA 8015D	9992
	GC-MS	EPA 8260C	4089
	HPLC-UV	EPA 8315A	8316
	PREP	EPA 3585	4303
	PREP	EPA 5035A-H	1061
	PREP	EPA 5035A-L	1060
Acetonitrile	GC-FID	EPA 8015C	9996
	GC-FID	EPA 8015D	9992
	GC-MS	EPA 8260C	4089
	GC-NPD	EPA 8033	8033
Carbon Disulfide	GC-MS	EPA 8260C	4089
Cyclohexane	GC-FID	EPA 8015C	9996
	GC-FID	EPA 8015D	9992
	GC-MS	EPA 8260C	4089
	GC-MS	EPA 8270D	5058
Di-ethyl ether	GC-MS	EPA 8260C	4089
1,4-Dioxane	GC-FID	EPA 8015C	9996
	GC-FID	EPA 8015D	9992
	GC-MS	EPA 8260C	4089

SUBJECT Approved Methods: Solid and Hazardous Waste	DATE 05/19/2017	PAGE 100 of 110	Item No. 180.3
---	---------------------------	---------------------------	--------------------------

Volatile Organics

Analyte	Technology	Method Name	ELAP Method Number
1,4-Dioxane	GC-MS	EPA 8270D	5058
Ethyl Acetate	GC-FID	EPA 8015C	9996
	GC-FID	EPA 8015D	9992
	GC-MS	EPA 8260C	4089
Ethylene Glycol	GC-FID	EPA 8015C	9996
	GC-FID	EPA 8015D	9992
	GC-MS	EPA 8260C	4089
Isobutyl alcohol	GC-FID	EPA 8015C	9996
	GC-FID	EPA 8015D	9992
	GC-MS	EPA 8260C	4089
Isopropanol	GC-MS	EPA 8260C	4089
	GC-MS	EPA 8260C	4089
2-Hexanone	PREP	EPA 3585	4303
	PREP	EPA 5035A-H	1061
	PREP	EPA 5035A-L	1060
	GC-FID	EPA 8015C	9996
	GC-FID	EPA 8015D	9992
	GC-MS	EPA 8260C	4089
2-Butanone (Methylethyl ketone)	PREP	EPA 3585	4303
	PREP	EPA 5035A-H	1061
	PREP	EPA 5035A-L	1060
	GC-FID	EPA 8015C	9996
	GC-FID	EPA 8015D	9992
	GC-MS	EPA 8260C	4089
Methyl acetate	GC-FID	EPA 8015C	9996
	GC-FID	EPA 8015D	9992
	GC-MS	EPA 8260C	4089
Methyl cyclohexane	GC-FID	EPA 8015C	9996
	GC-FID	EPA 8015D	9992

SUBJECT	DATE	PAGE	Item No.
Approved Methods: Solid and Hazardous Waste	05/19/2017	101 of 110	180.3

Volatile Organics

Analyte	Technology	Method Name	ELAP Method Number
Methyl cyclohexane	GC-MS	EPA 8260C	4089
	GC-MS	EPA 8270D	5058
Methyl tert-butyl ether	GC-MS	EPA 8260C	4089
	GCELCD/PID	EPA 8021B	4095
	PREP	EPA 3585	4303
	PREP	EPA 5035A-H	1061
	PREP	EPA 5035A-L	1060
4-Methyl-2-Pentanone	GC-MS	EPA 8260C	4089
	PREP	EPA 3585	4303
	PREP	EPA 5035A-H	1061
	PREP	EPA 5035A-L	1060
n-Butanol	GC-MS	EPA 8260C	4089
2-Nitropropane	GC-MS	EPA 8260C	4089
Propionitrile	GC-FID	EPA 8015C	9996
	GC-FID	EPA 8015D	9992
	GC-MS	EPA 8260C	4089
o-Toluidine	GC-FID	EPA 8015C	9996
	GC-FID	EPA 8015D	9992
	GC-MS	EPA 8260C	4089
	GC-MS	EPA 8270D	5058
tert-butyl alcohol	GC-FID	EPA 8015C	9996
	GC-FID	EPA 8015D	9992
	GC-MS	EPA 8260C	4089
Vinyl acetate	GC-MS	EPA 8260C	4089
	PREP	EPA 5035A-H	1061
	PREP	EPA 5035A-L	1060

SUBJECT Approved Methods: Solid and Hazardous Waste	DATE 05/19/2017	PAGE 102 of 110	Item No. 180.3
---	---------------------------	---------------------------	--------------------------

Semi-Volatile Organics

Analyte	Technology	Method Name	ELAP Method Number
Acetophenone	GC-MS	EPA 8270D	5058
4-Amino biphenyl	GC-MS	EPA 8270D	5058
Aramite	GC-MS	EPA 8270D	5058
Benzoic Acid	GC-ECD	EPA 8082A	4308
	GC-FTIR	EPA 8410	8410
	GC-HRMS	EPA 1668 A	1668
	GC-HRMS	EPA 1668B	1669
	GC-MS	EPA 8270D	5058
Benzyl alcohol	GC-ECD	EPA 8082A	4308
	GC-HRMS	EPA 1668 A	1668
	GC-HRMS	EPA 1668B	1669
	GC-MS	EPA 8270D	5058
Benzaldehyde	GC-MS	EPA 8270D	5058
	HPLC-UV	EPA 8315A	8316
1,1'-Biphenyl	GC-MS	EPA 8270D	5058
Caprolactam	GC-MS	EPA 8270D	5058
1,2-Dichlorobenzene, Semi-volatile	GC-MS	EPA 8270D	5058
	PREP	EPA 3540C	4056
	PREP	EPA 3541	4319
	PREP	EPA 3545A	4086
	PREP	EPA 3546	4077
	PREP	EPA 3550C	4051
	PREP	EPA 3580A	3580
1,3-Dichlorobenzene, Semi-volatile	GC-MS	EPA 8270D	5058
	PREP	EPA 3540C	4056
	PREP	EPA 3541	4319

SUBJECT Approved Methods: Solid and Hazardous Waste	DATE 05/19/2017	PAGE 103 of 110	Item No. 180.3
---	---------------------------	---------------------------	--------------------------

Semi-Volatile Organics

Analyte	Technology	Method Name	ELAP Method Number	
1,3-Dichlorobenzene, Semi-volatile	PREP	EPA 3545A	4086	
	PREP	EPA 3546	4077	
	PREP	EPA 3550C	4051	
	PREP	EPA 3580A	3580	
1,4-Dichlorobenzene, Semi-volatile	GC-MS	EPA 8270D	5058	
	PREP	EPA 3540C	4056	
	PREP	EPA 3541	4319	
	PREP	EPA 3545A	4086	
	PREP	EPA 3546	4077	
	PREP	EPA 3550C	4051	
	PREP	EPA 3580A	3580	
	Dibenzofuran	GC-FTIR	EPA 8410	8410
		GC-MS	EPA 8270D	5058
		GC-MS	EPA 8275A	8275
PREP		EPA 3540C	4056	
PREP		EPA 3541	4319	
PREP		EPA 3545A	4086	
PREP		EPA 3546	4077	
PREP		EPA 3550C	4051	
PREP		EPA 3580A	3580	
Diethyl sulfate		GC-MS	EPA 8270D	5058
Dihydrosafrole	GC-MS	EPA 8270D	5058	
Ethyl methanesulfonate	GC-MS	EPA 8270D	5058	
Isosafrole	GC-MS	EPA 8270D	5058	
2-Methylnaphthalene	GC-FTIR	EPA 8410	8410	
	GC-MS	EPA 8270D	5058	

SUBJECT Approved Methods: Solid and Hazardous Waste	DATE 05/19/2017	PAGE 104 of 110	Item No. 180.3
---	---------------------------	---------------------------	--------------------------

Semi-Volatile Organics

Analyte	Technology	Method Name	ELAP Method Number
2-Methylnaphthalene	PREP	EPA 3540C	4056
	PREP	EPA 3541	4319
	PREP	EPA 3545A	4086
	PREP	EPA 3546	4077
	PREP	EPA 3550C	4051
	PREP	EPA 3580A	3580
Methyl methanesulfonate	GC-MS	EPA 8270D	5058
Phenacetin	GC-MS	EPA 8270D	5058
2-Picoline	GC-MS	EPA 8270D	5058
Piperonyl sulfoxide	GC-MS	EPA 8270D	5058
Resorcinol	GC-MS	EPA 8270D	5058
Safrole	GC-MS	EPA 8270D	5058
	GC-NPD	EPA 8141B	4098
Toluene Diisocyanate	GC-MS	EPA 8270D	5058
O,O,O-Triethyl phosphorothioate	GC-MS	EPA 8270D	5058

Amines

Analyte	Technology	Method Name	ELAP Method Number
Aniline	GC-MS	EPA 8270D	5058
	GC-NPD	EPA 8131	8131
o-Anisidine	GC-MS	EPA 8270D	5058
Carbazole	GC-MS	EPA 8270D	5058
2-Chloroaniline	GC-MS	EPA 8270D	5058
	GC-NPD	EPA 8131	8131
4-Chloroaniline	GC-FTIR	EPA 8410	8410
	GC-MS	EPA 8270D	5058
	GC-NPD	EPA 8131	8131

SUBJECT Approved Methods: Solid and Hazardous Waste	DATE 05/19/2017	PAGE 105 of 110	Item No. 180.3
---	---------------------------	---------------------------	--------------------------

Amines

Analyte	Technology	Method Name	ELAP Method Number
4-Chloro-1,2-phenylenediamine	GC-MS	EPA 8270D	5058
4-Chloro-1,3-phenylenediamine	GC-MS	EPA 8270D	5058
5-Chloro-2-methylaniline	GC-MS	EPA 8270D	5058
a,a-Dimethylphenethylamine	GC-MS	EPA 8270D	5058
Diphenylamine	GC-MS	EPA 8270D	5058
1-Naphthylamine	GC-MS	EPA 8270D	5058
2-Naphthylamine	GC-MS	EPA 8270D	5058
2-Nitroaniline	GC-FTIR	EPA 8410	8410
	GC-MS	EPA 8270D	5058
	GC-NPD	EPA 8131	8131
3-Nitroaniline	GC-FTIR	EPA 8410	8410
	GC-MS	EPA 8270D	5058
	GC-NPD	EPA 8131	8131
4-Nitroaniline	GC-FTIR	EPA 8410	8410
	GC-MS	EPA 8270D	5058
	GC-NPD	EPA 8131	8131
5-Nitro-o-toluidine	GC-MS	EPA 8270D	5058
Methapyrilene	GC-MS	EPA 8270D	5058
4,4'-Methylenebis(2-chloroaniline)	GC-MS	EPA 8270D	5058
4,4'-Oxydianiline	GC-MS	EPA 8270D	5058
1,4-Phenylenediamine	GC-MS	EPA 8270D	5058
1,2-Diphenylhydrazine	GC-MS	EPA 8270D	5058
Pronamide	GC-MS	EPA 8270D	5058

Carbamate Pesticides

Analyte	Technology	Method Name	ELAP Method Number
Aldicarb Sulfoxide	HPLC-TSMS	EPA 8321B	8322

SUBJECT Approved Methods: Solid and Hazardous Waste	DATE 05/19/2017	PAGE 106 of 110	Item No. 180.3
---	---------------------------	---------------------------	--------------------------

Carbamate Pesticides

Analyte	Technology	Method Name	ELAP Method Number
Aldicarb	HPLC-FLUOR	EPA 8318A	8318
	HPLC-TSMS	EPA 8321B	8322
Aldicarb Sulfone	HPLC-FLUOR	EPA 8318A	8318
	HPLC-TSMS	EPA 8321B	8322
Carbofuran	GC-MS	EPA 8270D	5058
	HPLC-FLUOR	EPA 8318A	8318
	HPLC-TSMS	EPA 8321B	8322

Nitrosoamines

Analyte	Technology	Method Name	ELAP Method Number
N-Nitrosodiphenylamine	GC-FTIR	EPA 8410	8410
	GC-MS	EPA 8270D	5058
	GC-NPD	EPA 8070A	8070
	PREP	EPA 3540C	4056
	PREP	EPA 3541	4319
	PREP	EPA 3545A	4086
	PREP	EPA 3546	4077
	PREP	EPA 3550C	4051
	PREP	EPA 3580A	3580
	N-Nitrosodimethylamine	GC-FTIR	EPA 8410
GC-MS		EPA 8270D	5058
GC-NPD		EPA 8070A	8070
PREP		EPA 3540C	4056
PREP		EPA 3541	4319
PREP		EPA 3545A	4086
PREP		EPA 3546	4077
PREP		EPA 3550C	4051

SUBJECT Approved Methods: Solid and Hazardous Waste	DATE 05/19/2017	PAGE 107 of 110	Item No. 180.3
---	---------------------------	---------------------------	--------------------------

Nitrosoamines

Analyte	Technology	Method Name	ELAP Method Number
N-Nitrosodimethylamine	PREP	EPA 3580A	3580
N-Nitrosodiethylamine	GC-MS	EPA 8270D	5058
N-nitrosomethylethylamine	GC-MS	EPA 8270D	5058
N-Nitrosodi-n-butylamine	GC-FID	EPA 8015C	9996
	GC-FID	EPA 8015D	9992
	GC-MS	EPA 8260C	4089
N-Nitrosodi-n-propylamine	GC-MS	EPA 8270D	5058
	GC-FTIR	EPA 8410	8410
	GC-MS	EPA 8270D	5058
	GC-NPD	EPA 8070A	8070
	PREP	EPA 3540C	4056
	PREP	EPA 3541	4319
	PREP	EPA 3545A	4086
	PREP	EPA 3546	4077
	PREP	EPA 3550C	4051
	PREP	EPA 3580A	3580
N-nitrosomorpholine	GC-MS	EPA 8270D	5058
N-nitrosopiperidine	GC-MS	EPA 8270D	5058
N-Nitrosopyrrolidine	GC-MS	EPA 8270D	5058

Minerals

Analyte	Technology	Method Name	ELAP Method Number
Bromide	IC-COND	EPA 9056A	9956
	POT	EPA 9211	9211
Chloride	COLOR	EPA 9250	9250
	COLOR	EPA 9251	9251
	IC-COND	EPA 9056A	9956

SUBJECT Approved Methods: Solid and Hazardous Waste	DATE 05/19/2017	PAGE 108 of 110	Item No. 180.3
---	---------------------------	---------------------------	--------------------------

Minerals

Analyte	Technology	Method Name	ELAP Method Number
Chloride	IC-COND	EPA 9057	9957
	POT	EPA 9212	9212
	TITR	EPA 9253	9252
Fluoride, Total	IC-COND	EPA 9056A	9956
	POT	EPA 9214	9214
Sulfate (as SO4)	COLOR	EPA 9035	9935
	COLOR	EPA 9036	9936
	COLOR	EPA 9038	9938
	IC-COND	EPA 9056A	9956

Nutrients

Analyte	Technology	Method Name	ELAP Method Number
Nitrate (as N)	IC-COND	EPA 9056A	9956
	POT	EPA 9210A	9215
Nitrite (as N)	IC-COND	EPA 9056A	9956
Orthophosphate (as P)	IC-COND	EPA 9056A	9956

Petroleum Hydrocarbons

Analyte	Technology	Method Name	ELAP Method Number
Diesel Range Organics	GC-FID	EPA 8015C	9996
	GC-FID	EPA 8015D	9992
	PREP	EPA 3540C	4056
	PREP	EPA 3541	4319
	PREP	EPA 3545A	4086
	PREP	EPA 3546	4077
	PREP	EPA 3550C	4051
	PREP	EPA 5021A	4301
Gasoline Range Organics	GC-FID	EPA 8015C	9996

SUBJECT Approved Methods: Solid and Hazardous Waste	DATE 05/19/2017	PAGE 109 of 110	Item No. 180.3
---	---------------------------	---------------------------	--------------------------

Petroleum Hydrocarbons

Analyte	Technology	Method Name	ELAP Method Number
Gasoline Range Organics	GC-FID	EPA 8015D	9992
	PREP	EPA 5021A	4301
	PREP	EPA 5035A-H	1061
	PREP	EPA 5035A-L	1060
Oil and Grease Total Recoverable (HEM)	GRAV	EPA 9071B (Solvent:Hexane)	9972

Dioxins and Furans

Analyte	Technology	Method Name	ELAP Method Number
2,3,7,8-Tetrachlorodibenzofuran	GC-HRMS	EPA 8290A	5084
	GC-LRMS	EPA 8280B	5085
2,3,4,7,8-Pentachlorodibenzofuran	GC-HRMS	EPA 8290A	5084
	GC-LRMS	EPA 8280B	5085
1,2,3,7,8-Pentachlorodibenzofuran	GC-HRMS	EPA 8290A	5084
	GC-LRMS	EPA 8280B	5085
1,2,3,4,7,8-Hexachlorodibenzofuran	GC-HRMS	EPA 8290A	5084
	GC-LRMS	EPA 8280B	5085
1,2,3,6,7,8-Hexachlorodibenzofuran	GC-HRMS	EPA 8290A	5084
	GC-LRMS	EPA 8280B	5085
1,2,3,7,8,9-Hexachlorodibenzofuran	GC-HRMS	EPA 8290A	5084
	GC-LRMS	EPA 8280B	5085
2,3,4,6,7,8-Hexachlorodibenzofuran	GC-HRMS	EPA 8290A	5084
	GC-LRMS	EPA 8280B	5085
1,2,3,4,6,7,8-Heptachlorodibenzofuran	GC-HRMS	EPA 8290A	5084
	GC-LRMS	EPA 8280B	5085
1,2,3,4,7,8,9-Heptachlorodibenzofuran	GC-HRMS	EPA 8290A	5084
	GC-LRMS	EPA 8280B	5085
1,2,3,4,6,7,8,9-Octachlorodibenzofuran	GC-HRMS	EPA 8290A	5084

SUBJECT Approved Methods: Solid and Hazardous Waste	DATE 05/19/2017	PAGE 110 of 110	Item No. 180.3
---	---------------------------	---------------------------	--------------------------

Dioxins and Furans

Analyte	Technology	Method Name	ELAP Method Number
1,2,3,4,6,7,8,9-Octachlorodibenzofuran	GC-LRMS	EPA 8280B	5085
2,3,7,8-Tetrachlorodibenzo-p-dioxin	GC-HRMS	EPA 8290A	5084
	GC-LRMS	EPA 8280B	5085
1,2,3,7,8-Pentachlorodibenzo-p-dioxin	GC-HRMS	EPA 8290A	5084
	GC-LRMS	EPA 8280B	5085
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	GC-HRMS	EPA 8290A	5084
	GC-LRMS	EPA 8280B	5085
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	GC-HRMS	EPA 8290A	5084
	GC-LRMS	EPA 8280B	5085
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	GC-HRMS	EPA 8290A	5084
	GC-LRMS	EPA 8280B	5085
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	GC-HRMS	EPA 8290A	5084
	GC-LRMS	EPA 8280B	5085
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	GC-HRMS	EPA 8290A	5084
	GC-LRMS	EPA 8280B	5085