

Project Name: DC UNITED

Lab Number: L1622741

Project Number: 40223-004

Report Date: 07/31/16

SAMPLE RESULTS

Lab ID: L1622741-21
 Client ID: DP-157-SO-100-01
 Sample Location: WASHINGTON, D.C.

Date Collected: 07/21/16 10:15
 Date Received: 07/21/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
cis-1,3-Dichloropropene	ND		mg/kg	0.0012	0.00014	1
Toluene	ND		mg/kg	0.0018	0.00023	1
4-Methyl-2-pentanone	0.0053	J	mg/kg	0.012	0.00029	1
Tetrachloroethene	ND		mg/kg	0.0012	0.00017	1
trans-1,3-Dichloropropene	ND		mg/kg	0.0012	0.00014	1
1,3-Dichloropropene, Total	ND		mg/kg	0.0012	0.00014	1
1,1,2-Trichloroethane	ND		mg/kg	0.0018	0.00036	1
Dibromochloromethane	ND		mg/kg	0.0012	0.00018	1
1,2-Dibromoethane	ND		mg/kg	0.0048	0.00021	1
2-Hexanone	ND		mg/kg	0.012	0.00080	1
Chlorobenzene	ND		mg/kg	0.0012	0.00042	1
Ethylbenzene	ND		mg/kg	0.0012	0.00015	1
p/m-Xylene	ND		mg/kg	0.0024	0.00024	1
o-Xylene	ND		mg/kg	0.0024	0.00020	1
Xylenes, Total	ND		mg/kg	0.0024	0.00020	1
Styrene	ND		mg/kg	0.0024	0.00048	1
Bromoform	ND		mg/kg	0.0048	0.00028	1
Isopropylbenzene	0.00025	J	mg/kg	0.0012	0.00012	1
1,1,2,2-Tetrachloroethane	ND		mg/kg	0.0012	0.00012	1
1,3-Dichlorobenzene	ND		mg/kg	0.0060	0.00016	1
1,4-Dichlorobenzene	ND		mg/kg	0.0060	0.00016	1
1,2-Dichlorobenzene	ND		mg/kg	0.0060	0.00018	1
1,2-Dibromo-3-chloropropane	ND		mg/kg	0.0060	0.00047	1
1,2,4-Trichlorobenzene	ND		mg/kg	0.0060	0.00022	1
1,2,3-Trichlorobenzene	ND		mg/kg	0.0060	0.00018	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	84		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	91		70-130

Project Name: DC UNITED
Project Number: 40223-004

Lab Number: L1622741
Report Date: 07/31/16

SAMPLE RESULTS

Lab ID: L1622741-22
 Client ID: DP-163-SO-010-01
 Sample Location: WASHINGTON, D.C.
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/26/16 16:49
 Analyst: BN
 Percent Solids: 86%

Date Collected: 07/21/16 09:20
 Date Received: 07/21/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Dichlorodifluoromethane	ND		mg/kg	0.012	0.00022	1
Chloromethane	ND		mg/kg	0.0058	0.00034	1
Vinyl chloride	ND		mg/kg	0.0023	0.00014	1
Bromomethane	ND		mg/kg	0.0023	0.00039	1
Chloroethane	ND		mg/kg	0.0023	0.00037	1
Trichlorofluoromethane	ND		mg/kg	0.0058	0.00045	1
1,1-Dichloroethene	ND		mg/kg	0.0012	0.00030	1
Carbon disulfide	ND		mg/kg	0.012	0.0013	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		mg/kg	0.023	0.00032	1
Methylene chloride	ND		mg/kg	0.0058	0.0013	1
Acetone	0.0030	J	mg/kg	0.042	0.0012	1
trans-1,2-Dichloroethene	ND		mg/kg	0.0017	0.00025	1
Methyl Acetate	ND		mg/kg	0.0046	0.00031	1
Methyl tert butyl ether	ND		mg/kg	0.0023	0.00009	1
1,1-Dichloroethane	ND		mg/kg	0.0017	0.00010	1
cis-1,2-Dichloroethene	ND		mg/kg	0.0012	0.00017	1
1,2-Dichloroethene, Total	ND		mg/kg	0.0012	0.00017	1
Cyclohexane	ND		mg/kg	0.023	0.00017	1
Bromochloromethane	ND		mg/kg	0.0058	0.00032	1
Chloroform	ND		mg/kg	0.0017	0.00043	1
Carbon tetrachloride	ND		mg/kg	0.0012	0.00024	1
1,1,1-Trichloroethane	ND		mg/kg	0.0012	0.00013	1
2-Butanone	ND		mg/kg	0.012	0.00032	1
Benzene	ND		mg/kg	0.0012	0.00014	1
1,2-Dichloroethane	ND		mg/kg	0.0012	0.00013	1
Methyl cyclohexane	ND		mg/kg	0.0046	0.00018	1
Trichloroethene	ND		mg/kg	0.0012	0.00014	1
1,2-Dichloropropane	ND		mg/kg	0.0041	0.00026	1
Bromodichloromethane	ND		mg/kg	0.0012	0.00020	1
1,4-Dioxane	ND		mg/kg	0.12	0.017	1

Project Name: DC UNITED

Lab Number: L1622741

Project Number: 40223-004

Report Date: 07/31/16

SAMPLE RESULTS

Lab ID: L1622741-22
 Client ID: DP-163-SO-010-01
 Sample Location: WASHINGTON, D.C.

Date Collected: 07/21/16 09:20
 Date Received: 07/21/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
cis-1,3-Dichloropropene	ND		mg/kg	0.0012	0.00014	1
Toluene	ND		mg/kg	0.0017	0.00023	1
4-Methyl-2-pentanone	ND		mg/kg	0.012	0.00028	1
Tetrachloroethene	ND		mg/kg	0.0012	0.00016	1
trans-1,3-Dichloropropene	ND		mg/kg	0.0012	0.00014	1
1,3-Dichloropropene, Total	ND		mg/kg	0.0012	0.00014	1
1,1,2-Trichloroethane	ND		mg/kg	0.0017	0.00035	1
Dibromochloromethane	ND		mg/kg	0.0012	0.00018	1
1,2-Dibromoethane	ND		mg/kg	0.0046	0.00020	1
2-Hexanone	ND		mg/kg	0.012	0.00078	1
Chlorobenzene	ND		mg/kg	0.0012	0.00040	1
Ethylbenzene	ND		mg/kg	0.0012	0.00015	1
p/m-Xylene	ND		mg/kg	0.0023	0.00023	1
o-Xylene	ND		mg/kg	0.0023	0.00020	1
Xylenes, Total	ND		mg/kg	0.0023	0.00020	1
Styrene	ND		mg/kg	0.0023	0.00047	1
Bromoform	ND		mg/kg	0.0046	0.00027	1
Isopropylbenzene	ND		mg/kg	0.0012	0.00012	1
1,1,2,2-Tetrachloroethane	ND		mg/kg	0.0012	0.00012	1
1,3-Dichlorobenzene	ND		mg/kg	0.0058	0.00016	1
1,4-Dichlorobenzene	ND		mg/kg	0.0058	0.00016	1
1,2-Dichlorobenzene	ND		mg/kg	0.0058	0.00018	1
1,2-Dibromo-3-chloropropane	ND		mg/kg	0.0058	0.00046	1
1,2,4-Trichlorobenzene	ND		mg/kg	0.0058	0.00021	1
1,2,3-Trichlorobenzene	ND		mg/kg	0.0058	0.00017	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	87		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	87		70-130
Dibromofluoromethane	91		70-130

Project Name: DC UNITED

Lab Number: L1622741

Project Number: 40223-004

Report Date: 07/31/16

SAMPLE RESULTS

Lab ID: L1622741-23
 Client ID: DP-163-SO-050-01
 Sample Location: WASHINGTON, D.C.
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/26/16 17:16
 Analyst: BN
 Percent Solids: 85%

Date Collected: 07/21/16 09:25
 Date Received: 07/21/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Dichlorodifluoromethane	ND		mg/kg	0.012	0.00022	1
Chloromethane	ND		mg/kg	0.0059	0.00034	1
Vinyl chloride	ND		mg/kg	0.0023	0.00014	1
Bromomethane	ND		mg/kg	0.0023	0.00040	1
Chloroethane	ND		mg/kg	0.0023	0.00037	1
Trichlorofluoromethane	ND		mg/kg	0.0059	0.00045	1
1,1-Dichloroethene	ND		mg/kg	0.0012	0.00031	1
Carbon disulfide	ND		mg/kg	0.012	0.0013	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		mg/kg	0.023	0.00032	1
Methylene chloride	ND		mg/kg	0.0059	0.0013	1
Acetone	ND		mg/kg	0.042	0.0012	1
trans-1,2-Dichloroethene	ND		mg/kg	0.0018	0.00025	1
Methyl Acetate	ND		mg/kg	0.0047	0.00032	1
Methyl tert butyl ether	ND		mg/kg	0.0023	0.00009	1
1,1-Dichloroethane	ND		mg/kg	0.0018	0.00010	1
cis-1,2-Dichloroethene	ND		mg/kg	0.0012	0.00017	1
1,2-Dichloroethene, Total	ND		mg/kg	0.0012	0.00017	1
Cyclohexane	ND		mg/kg	0.023	0.00017	1
Bromochloromethane	ND		mg/kg	0.0059	0.00032	1
Chloroform	ND		mg/kg	0.0018	0.00043	1
Carbon tetrachloride	ND		mg/kg	0.0012	0.00025	1
1,1,1-Trichloroethane	ND		mg/kg	0.0012	0.00013	1
2-Butanone	ND		mg/kg	0.012	0.00032	1
Benzene	ND		mg/kg	0.0012	0.00014	1
1,2-Dichloroethane	ND		mg/kg	0.0012	0.00013	1
Methyl cyclohexane	ND		mg/kg	0.0047	0.00018	1
Trichloroethene	ND		mg/kg	0.0012	0.00015	1
1,2-Dichloropropane	ND		mg/kg	0.0041	0.00027	1
Bromodichloromethane	ND		mg/kg	0.0012	0.00020	1
1,4-Dioxane	ND		mg/kg	0.12	0.017	1

Project Name: DC UNITED

Lab Number: L1622741

Project Number: 40223-004

Report Date: 07/31/16

SAMPLE RESULTS

Lab ID: L1622741-23
 Client ID: DP-163-SO-050-01
 Sample Location: WASHINGTON, D.C.

Date Collected: 07/21/16 09:25
 Date Received: 07/21/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
cis-1,3-Dichloropropene	ND		mg/kg	0.0012	0.00014	1
Toluene	ND		mg/kg	0.0018	0.00023	1
4-Methyl-2-pentanone	ND		mg/kg	0.012	0.00029	1
Tetrachloroethene	ND		mg/kg	0.0012	0.00016	1
trans-1,3-Dichloropropene	ND		mg/kg	0.0012	0.00014	1
1,3-Dichloropropene, Total	ND		mg/kg	0.0012	0.00014	1
1,1,2-Trichloroethane	ND		mg/kg	0.0018	0.00036	1
Dibromochloromethane	ND		mg/kg	0.0012	0.00018	1
1,2-Dibromoethane	ND		mg/kg	0.0047	0.00020	1
2-Hexanone	ND		mg/kg	0.012	0.00078	1
Chlorobenzene	ND		mg/kg	0.0012	0.00041	1
Ethylbenzene	ND		mg/kg	0.0012	0.00015	1
p/m-Xylene	ND		mg/kg	0.0023	0.00023	1
o-Xylene	ND		mg/kg	0.0023	0.00020	1
Xylenes, Total	ND		mg/kg	0.0023	0.00020	1
Styrene	ND		mg/kg	0.0023	0.00047	1
Bromoform	ND		mg/kg	0.0047	0.00028	1
Isopropylbenzene	ND		mg/kg	0.0012	0.00012	1
1,1,2,2-Tetrachloroethane	ND		mg/kg	0.0012	0.00012	1
1,3-Dichlorobenzene	ND		mg/kg	0.0059	0.00016	1
1,4-Dichlorobenzene	ND		mg/kg	0.0059	0.00016	1
1,2-Dichlorobenzene	ND		mg/kg	0.0059	0.00018	1
1,2-Dibromo-3-chloropropane	ND		mg/kg	0.0059	0.00046	1
1,2,4-Trichlorobenzene	ND		mg/kg	0.0059	0.00021	1
1,2,3-Trichlorobenzene	ND		mg/kg	0.0059	0.00017	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	91		70-130
Toluene-d8	87		70-130
4-Bromofluorobenzene	90		70-130
Dibromofluoromethane	96		70-130

Project Name: DC UNITED

Lab Number: L1622741

Project Number: 40223-004

Report Date: 07/31/16

SAMPLE RESULTS

Lab ID: L1622741-24
 Client ID: DP-163-SO-100-01
 Sample Location: WASHINGTON, D.C.
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/26/16 17:42
 Analyst: BN
 Percent Solids: 68%

Date Collected: 07/21/16 09:30
 Date Received: 07/21/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Dichlorodifluoromethane	ND		mg/kg	0.015	0.00028	1
Chloromethane	ND		mg/kg	0.0074	0.00043	1
Vinyl chloride	ND		mg/kg	0.0030	0.00017	1
Bromomethane	ND		mg/kg	0.0030	0.00050	1
Chloroethane	ND		mg/kg	0.0030	0.00047	1
Trichlorofluoromethane	ND		mg/kg	0.0074	0.00057	1
1,1-Dichloroethene	ND		mg/kg	0.0015	0.00039	1
Carbon disulfide	ND		mg/kg	0.015	0.0016	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		mg/kg	0.030	0.00040	1
Methylene chloride	ND		mg/kg	0.0074	0.0016	1
Acetone	ND		mg/kg	0.053	0.0015	1
trans-1,2-Dichloroethene	ND		mg/kg	0.0022	0.00031	1
Methyl Acetate	ND		mg/kg	0.0059	0.00040	1
Methyl tert butyl ether	ND		mg/kg	0.0030	0.00012	1
1,1-Dichloroethane	ND		mg/kg	0.0022	0.00013	1
cis-1,2-Dichloroethene	ND		mg/kg	0.0015	0.00021	1
1,2-Dichloroethene, Total	ND		mg/kg	0.0015	0.00021	1
Cyclohexane	ND		mg/kg	0.030	0.00022	1
Bromochloromethane	ND		mg/kg	0.0074	0.00041	1
Chloroform	ND		mg/kg	0.0022	0.00055	1
Carbon tetrachloride	ND		mg/kg	0.0015	0.00031	1
1,1,1-Trichloroethane	ND		mg/kg	0.0015	0.00016	1
2-Butanone	ND		mg/kg	0.015	0.00040	1
Benzene	ND		mg/kg	0.0015	0.00017	1
1,2-Dichloroethane	ND		mg/kg	0.0015	0.00017	1
Methyl cyclohexane	ND		mg/kg	0.0059	0.00023	1
Trichloroethene	0.00071	J	mg/kg	0.0015	0.00018	1
1,2-Dichloropropane	ND		mg/kg	0.0052	0.00034	1
Bromodichloromethane	ND		mg/kg	0.0015	0.00026	1
1,4-Dioxane	ND		mg/kg	0.15	0.021	1

Project Name: DC UNITED

Lab Number: L1622741

Project Number: 40223-004

Report Date: 07/31/16

SAMPLE RESULTS

Lab ID: L1622741-24
 Client ID: DP-163-SO-100-01
 Sample Location: WASHINGTON, D.C.

Date Collected: 07/21/16 09:30
 Date Received: 07/21/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
cis-1,3-Dichloropropene	ND		mg/kg	0.0015	0.00017	1
Toluene	ND		mg/kg	0.0022	0.00029	1
4-Methyl-2-pentanone	ND		mg/kg	0.015	0.00036	1
Tetrachloroethene	0.0014	J	mg/kg	0.0015	0.00021	1
trans-1,3-Dichloropropene	ND		mg/kg	0.0015	0.00018	1
1,3-Dichloropropene, Total	ND		mg/kg	0.0015	0.00017	1
1,1,2-Trichloroethane	ND		mg/kg	0.0022	0.00045	1
Dibromochloromethane	ND		mg/kg	0.0015	0.00023	1
1,2-Dibromoethane	ND		mg/kg	0.0059	0.00026	1
2-Hexanone	ND		mg/kg	0.015	0.00098	1
Chlorobenzene	ND		mg/kg	0.0015	0.00051	1
Ethylbenzene	ND		mg/kg	0.0015	0.00019	1
p/m-Xylene	ND		mg/kg	0.0030	0.00029	1
o-Xylene	ND		mg/kg	0.0030	0.00025	1
Xylenes, Total	ND		mg/kg	0.0030	0.00025	1
Styrene	ND		mg/kg	0.0030	0.00059	1
Bromoform	ND		mg/kg	0.0059	0.00035	1
Isopropylbenzene	ND		mg/kg	0.0015	0.00015	1
1,1,2,2-Tetrachloroethane	ND		mg/kg	0.0015	0.00015	1
1,3-Dichlorobenzene	ND		mg/kg	0.0074	0.00020	1
1,4-Dichlorobenzene	ND		mg/kg	0.0074	0.00020	1
1,2-Dichlorobenzene	ND		mg/kg	0.0074	0.00023	1
1,2-Dibromo-3-chloropropane	ND		mg/kg	0.0074	0.00058	1
1,2,4-Trichlorobenzene	ND		mg/kg	0.0074	0.00027	1
1,2,3-Trichlorobenzene	ND		mg/kg	0.0074	0.00022	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	92		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	91		70-130
Dibromofluoromethane	96		70-130

Project Name: DC UNITED

Lab Number: L1622741

Project Number: 40223-004

Report Date: 07/31/16

SAMPLE RESULTS

Lab ID: L1622741-25
 Client ID: DP-163-SO-010-02
 Sample Location: WASHINGTON, D.C.
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/26/16 13:17
 Analyst: MV
 Percent Solids: 85%

Date Collected: 07/21/16 11:45
 Date Received: 07/21/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Dichlorodifluoromethane	ND		mg/kg	0.010	0.00019	1
Chloromethane	ND		mg/kg	0.0051	0.00030	1
Vinyl chloride	ND		mg/kg	0.0020	0.00012	1
Bromomethane	ND		mg/kg	0.0020	0.00034	1
Chloroethane	ND		mg/kg	0.0020	0.00032	1
Trichlorofluoromethane	ND		mg/kg	0.0051	0.00039	1
1,1-Dichloroethene	ND		mg/kg	0.0010	0.00026	1
Carbon disulfide	ND		mg/kg	0.010	0.0011	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		mg/kg	0.020	0.00028	1
Methylene chloride	ND		mg/kg	0.0051	0.0011	1
Acetone	ND		mg/kg	0.036	0.0010	1
trans-1,2-Dichloroethene	ND		mg/kg	0.0015	0.00022	1
Methyl Acetate	ND		mg/kg	0.0040	0.00027	1
Methyl tert butyl ether	ND		mg/kg	0.0020	0.00008	1
1,1-Dichloroethane	ND		mg/kg	0.0015	0.00008	1
cis-1,2-Dichloroethene	ND		mg/kg	0.0010	0.00014	1
1,2-Dichloroethene, Total	ND		mg/kg	0.0010	0.00014	1
Cyclohexane	ND		mg/kg	0.020	0.00015	1
Bromochloromethane	ND		mg/kg	0.0051	0.00028	1
Chloroform	ND		mg/kg	0.0015	0.00038	1
Carbon tetrachloride	ND		mg/kg	0.0010	0.00021	1
1,1,1-Trichloroethane	ND		mg/kg	0.0010	0.00011	1
2-Butanone	ND		mg/kg	0.010	0.00028	1
Benzene	0.00029	J	mg/kg	0.0010	0.00012	1
1,2-Dichloroethane	ND		mg/kg	0.0010	0.00012	1
Methyl cyclohexane	ND		mg/kg	0.0040	0.00016	1
Trichloroethene	ND		mg/kg	0.0010	0.00013	1
1,2-Dichloropropane	ND		mg/kg	0.0035	0.00023	1
Bromodichloromethane	ND		mg/kg	0.0010	0.00018	1
1,4-Dioxane	ND		mg/kg	0.10	0.015	1

Project Name: DC UNITED

Lab Number: L1622741

Project Number: 40223-004

Report Date: 07/31/16

SAMPLE RESULTS

Lab ID: L1622741-25
 Client ID: DP-163-SO-010-02
 Sample Location: WASHINGTON, D.C.

Date Collected: 07/21/16 11:45
 Date Received: 07/21/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
cis-1,3-Dichloropropene	ND		mg/kg	0.0010	0.00012	1
Toluene	ND		mg/kg	0.0015	0.00020	1
4-Methyl-2-pentanone	ND		mg/kg	0.010	0.00025	1
Tetrachloroethene	ND		mg/kg	0.0010	0.00014	1
trans-1,3-Dichloropropene	ND		mg/kg	0.0010	0.00012	1
1,3-Dichloropropene, Total	ND		mg/kg	0.0010	0.00012	1
1,1,2-Trichloroethane	ND		mg/kg	0.0015	0.00031	1
Dibromochloromethane	ND		mg/kg	0.0010	0.00016	1
1,2-Dibromoethane	ND		mg/kg	0.0040	0.00018	1
2-Hexanone	ND		mg/kg	0.010	0.00068	1
Chlorobenzene	ND		mg/kg	0.0010	0.00035	1
Ethylbenzene	ND		mg/kg	0.0010	0.00013	1
p/m-Xylene	ND		mg/kg	0.0020	0.00020	1
o-Xylene	ND		mg/kg	0.0020	0.00017	1
Xylenes, Total	ND		mg/kg	0.0020	0.00017	1
Styrene	ND		mg/kg	0.0020	0.00041	1
Bromoform	ND		mg/kg	0.0040	0.00024	1
Isopropylbenzene	ND		mg/kg	0.0010	0.00010	1
1,1,2,2-Tetrachloroethane	ND		mg/kg	0.0010	0.00010	1
1,3-Dichlorobenzene	ND		mg/kg	0.0051	0.00014	1
1,4-Dichlorobenzene	ND		mg/kg	0.0051	0.00014	1
1,2-Dichlorobenzene	ND		mg/kg	0.0051	0.00016	1
1,2-Dibromo-3-chloropropane	ND		mg/kg	0.0051	0.00040	1
1,2,4-Trichlorobenzene	ND		mg/kg	0.0051	0.00018	1
1,2,3-Trichlorobenzene	ND		mg/kg	0.0051	0.00015	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	119		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	111		70-130

Project Name: DC UNITED

Lab Number: L1622741

Project Number: 40223-004

Report Date: 07/31/16

SAMPLE RESULTS

Lab ID: L1622741-26
 Client ID: DP-163-SO-050-02
 Sample Location: WASHINGTON, D.C.
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/26/16 13:44
 Analyst: MV
 Percent Solids: 83%

Date Collected: 07/21/16 11:50
 Date Received: 07/21/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Dichlorodifluoromethane	ND		mg/kg	0.011	0.00022	1
Chloromethane	ND		mg/kg	0.0057	0.00033	1
Vinyl chloride	ND		mg/kg	0.0023	0.00013	1
Bromomethane	ND		mg/kg	0.0023	0.00038	1
Chloroethane	ND		mg/kg	0.0023	0.00036	1
Trichlorofluoromethane	ND		mg/kg	0.0057	0.00044	1
1,1-Dichloroethene	ND		mg/kg	0.0011	0.00030	1
Carbon disulfide	ND		mg/kg	0.011	0.0012	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		mg/kg	0.023	0.00031	1
Methylene chloride	ND		mg/kg	0.0057	0.0012	1
Acetone	ND		mg/kg	0.041	0.0012	1
trans-1,2-Dichloroethene	ND		mg/kg	0.0017	0.00024	1
Methyl Acetate	ND		mg/kg	0.0045	0.00031	1
Methyl tert butyl ether	ND		mg/kg	0.0023	0.00009	1
1,1-Dichloroethane	ND		mg/kg	0.0017	0.00009	1
cis-1,2-Dichloroethene	ND		mg/kg	0.0011	0.00016	1
1,2-Dichloroethene, Total	ND		mg/kg	0.0011	0.00016	1
Cyclohexane	ND		mg/kg	0.023	0.00016	1
Bromochloromethane	ND		mg/kg	0.0057	0.00031	1
Chloroform	ND		mg/kg	0.0017	0.00042	1
Carbon tetrachloride	ND		mg/kg	0.0011	0.00024	1
1,1,1-Trichloroethane	ND		mg/kg	0.0011	0.00012	1
2-Butanone	ND		mg/kg	0.011	0.00031	1
Benzene	0.00035	J	mg/kg	0.0011	0.00013	1
1,2-Dichloroethane	ND		mg/kg	0.0011	0.00013	1
Methyl cyclohexane	ND		mg/kg	0.0045	0.00018	1
Trichloroethene	ND		mg/kg	0.0011	0.00014	1
1,2-Dichloropropane	ND		mg/kg	0.0040	0.00026	1
Bromodichloromethane	ND		mg/kg	0.0011	0.00020	1
1,4-Dioxane	ND		mg/kg	0.11	0.016	1

Project Name: DC UNITED

Lab Number: L1622741

Project Number: 40223-004

Report Date: 07/31/16

SAMPLE RESULTS

Lab ID: L1622741-26
 Client ID: DP-163-SO-050-02
 Sample Location: WASHINGTON, D.C.

Date Collected: 07/21/16 11:50
 Date Received: 07/21/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
cis-1,3-Dichloropropene	ND		mg/kg	0.0011	0.00013	1
Toluene	ND		mg/kg	0.0017	0.00022	1
4-Methyl-2-pentanone	ND		mg/kg	0.011	0.00028	1
Tetrachloroethene	ND		mg/kg	0.0011	0.00016	1
trans-1,3-Dichloropropene	ND		mg/kg	0.0011	0.00014	1
1,3-Dichloropropene, Total	ND		mg/kg	0.0011	0.00013	1
1,1,2-Trichloroethane	ND		mg/kg	0.0017	0.00034	1
Dibromochloromethane	ND		mg/kg	0.0011	0.00017	1
1,2-Dibromoethane	ND		mg/kg	0.0045	0.00020	1
2-Hexanone	ND		mg/kg	0.011	0.00076	1
Chlorobenzene	ND		mg/kg	0.0011	0.00040	1
Ethylbenzene	ND		mg/kg	0.0011	0.00014	1
p/m-Xylene	ND		mg/kg	0.0023	0.00022	1
o-Xylene	ND		mg/kg	0.0023	0.00020	1
Xylenes, Total	ND		mg/kg	0.0023	0.00020	1
Styrene	ND		mg/kg	0.0023	0.00046	1
Bromoform	ND		mg/kg	0.0045	0.00027	1
Isopropylbenzene	ND		mg/kg	0.0011	0.00012	1
1,1,2,2-Tetrachloroethane	ND		mg/kg	0.0011	0.00011	1
1,3-Dichlorobenzene	ND		mg/kg	0.0057	0.00015	1
1,4-Dichlorobenzene	ND		mg/kg	0.0057	0.00016	1
1,2-Dichlorobenzene	ND		mg/kg	0.0057	0.00017	1
1,2-Dibromo-3-chloropropane	ND		mg/kg	0.0057	0.00045	1
1,2,4-Trichlorobenzene	ND		mg/kg	0.0057	0.00021	1
1,2,3-Trichlorobenzene	ND		mg/kg	0.0057	0.00017	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	118		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	113		70-130

Project Name: DC UNITED

Lab Number: L1622741

Project Number: 40223-004

Report Date: 07/31/16

SAMPLE RESULTS

Lab ID: L1622741-28
 Client ID: DP-156-SO-050-02
 Sample Location: WASHINGTON, D.C.
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/26/16 14:11
 Analyst: MV
 Percent Solids: 81%

Date Collected: 07/21/16 14:05
 Date Received: 07/21/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Dichlorodifluoromethane	ND		mg/kg	0.011	0.00020	1
Chloromethane	ND		mg/kg	0.0053	0.00031	1
Vinyl chloride	0.00070	J	mg/kg	0.0021	0.00012	1
Bromomethane	ND		mg/kg	0.0021	0.00036	1
Chloroethane	ND		mg/kg	0.0021	0.00034	1
Trichlorofluoromethane	ND		mg/kg	0.0053	0.00041	1
1,1-Dichloroethene	ND		mg/kg	0.0011	0.00028	1
Carbon disulfide	ND		mg/kg	0.011	0.0012	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		mg/kg	0.021	0.00029	1
Methylene chloride	0.0041	J	mg/kg	0.0053	0.0012	1
Acetone	0.20		mg/kg	0.038	0.0011	1
trans-1,2-Dichloroethene	ND		mg/kg	0.0016	0.00023	1
Methyl Acetate	ND		mg/kg	0.0043	0.00029	1
Methyl tert butyl ether	0.00042	J	mg/kg	0.0021	0.00009	1
1,1-Dichloroethane	ND		mg/kg	0.0016	0.00009	1
cis-1,2-Dichloroethene	0.00052	J	mg/kg	0.0011	0.00015	1
1,2-Dichloroethene, Total	0.00052	J	mg/kg	0.0011	0.00015	1
Cyclohexane	ND		mg/kg	0.021	0.00016	1
Bromochloromethane	ND		mg/kg	0.0053	0.00029	1
Chloroform	ND		mg/kg	0.0016	0.00039	1
Carbon tetrachloride	ND		mg/kg	0.0011	0.00022	1
1,1,1-Trichloroethane	ND		mg/kg	0.0011	0.00012	1
2-Butanone	0.031		mg/kg	0.011	0.00029	1
Benzene	0.00037	J	mg/kg	0.0011	0.00012	1
1,2-Dichloroethane	ND		mg/kg	0.0011	0.00012	1
Methyl cyclohexane	ND		mg/kg	0.0043	0.00016	1
Trichloroethene	0.00032	J	mg/kg	0.0011	0.00013	1
1,2-Dichloropropane	ND		mg/kg	0.0037	0.00024	1
Bromodichloromethane	ND		mg/kg	0.0011	0.00018	1
1,4-Dioxane	ND		mg/kg	0.11	0.015	1

Project Name: DC UNITED

Lab Number: L1622741

Project Number: 40223-004

Report Date: 07/31/16

SAMPLE RESULTS

Lab ID: L1622741-28
 Client ID: DP-156-SO-050-02
 Sample Location: WASHINGTON, D.C.

Date Collected: 07/21/16 14:05
 Date Received: 07/21/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
cis-1,3-Dichloropropene	ND		mg/kg	0.0011	0.00012	1
Toluene	0.00022	J	mg/kg	0.0016	0.00021	1
4-Methyl-2-pentanone	ND		mg/kg	0.011	0.00026	1
Tetrachloroethene	0.00074	J	mg/kg	0.0011	0.00015	1
trans-1,3-Dichloropropene	ND		mg/kg	0.0011	0.00013	1
1,3-Dichloropropene, Total	ND		mg/kg	0.0011	0.00012	1
1,1,2-Trichloroethane	ND		mg/kg	0.0016	0.00032	1
Dibromochloromethane	ND		mg/kg	0.0011	0.00016	1
1,2-Dibromoethane	ND		mg/kg	0.0043	0.00019	1
2-Hexanone	ND		mg/kg	0.011	0.00071	1
Chlorobenzene	ND		mg/kg	0.0011	0.00037	1
Ethylbenzene	ND		mg/kg	0.0011	0.00014	1
p/m-Xylene	ND		mg/kg	0.0021	0.00021	1
o-Xylene	ND		mg/kg	0.0021	0.00018	1
Xylenes, Total	ND		mg/kg	0.0021	0.00018	1
Styrene	ND		mg/kg	0.0021	0.00043	1
Bromoform	ND		mg/kg	0.0043	0.00025	1
Isopropylbenzene	ND		mg/kg	0.0011	0.00011	1
1,1,2,2-Tetrachloroethane	ND		mg/kg	0.0011	0.00011	1
1,3-Dichlorobenzene	ND		mg/kg	0.0053	0.00014	1
1,4-Dichlorobenzene	ND		mg/kg	0.0053	0.00015	1
1,2-Dichlorobenzene	ND		mg/kg	0.0053	0.00016	1
1,2-Dibromo-3-chloropropane	ND		mg/kg	0.0053	0.00042	1
1,2,4-Trichlorobenzene	ND		mg/kg	0.0053	0.00019	1
1,2,3-Trichlorobenzene	ND		mg/kg	0.0053	0.00016	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	116		70-130
Toluene-d8	91		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	111		70-130

Project Name: DC UNITED

Lab Number: L1622741

Project Number: 40223-004

Report Date: 07/31/16

SAMPLE RESULTS

Lab ID: L1622741-29
 Client ID: DP-156-SO-100-02
 Sample Location: WASHINGTON, D.C.
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/26/16 14:37
 Analyst: MV
 Percent Solids: 75%

Date Collected: 07/21/16 14:10
 Date Received: 07/21/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatiles Organics by GC/MS - Westborough Lab						
Dichlorodifluoromethane	ND		mg/kg	0.012	0.00022	1
Chloromethane	ND		mg/kg	0.0058	0.00034	1
Vinyl chloride	ND		mg/kg	0.0023	0.00014	1
Bromomethane	ND		mg/kg	0.0023	0.00040	1
Chloroethane	ND		mg/kg	0.0023	0.00037	1
Trichlorofluoromethane	ND		mg/kg	0.0058	0.00045	1
1,1-Dichloroethene	ND		mg/kg	0.0012	0.00031	1
Carbon disulfide	ND		mg/kg	0.012	0.0013	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		mg/kg	0.023	0.00032	1
Methylene chloride	0.0014	J	mg/kg	0.0058	0.0013	1
Acetone	0.066		mg/kg	0.042	0.0012	1
trans-1,2-Dichloroethene	ND		mg/kg	0.0018	0.00025	1
Methyl Acetate	ND		mg/kg	0.0047	0.00032	1
Methyl tert butyl ether	0.0069		mg/kg	0.0023	0.00009	1
1,1-Dichloroethane	ND		mg/kg	0.0018	0.00010	1
cis-1,2-Dichloroethene	0.0015		mg/kg	0.0012	0.00017	1
1,2-Dichloroethene, Total	0.0015		mg/kg	0.0012	0.00017	1
Cyclohexane	ND		mg/kg	0.023	0.00017	1
Bromochloromethane	ND		mg/kg	0.0058	0.00032	1
Chloroform	ND		mg/kg	0.0018	0.00043	1
Carbon tetrachloride	ND		mg/kg	0.0012	0.00024	1
1,1,1-Trichloroethane	ND		mg/kg	0.0012	0.00013	1
2-Butanone	0.0089	J	mg/kg	0.012	0.00032	1
Benzene	0.00046	J	mg/kg	0.0012	0.00014	1
1,2-Dichloroethane	ND		mg/kg	0.0012	0.00013	1
Methyl cyclohexane	ND		mg/kg	0.0047	0.00018	1
Trichloroethene	0.0031		mg/kg	0.0012	0.00015	1
1,2-Dichloropropane	ND		mg/kg	0.0041	0.00027	1
Bromodichloromethane	ND		mg/kg	0.0012	0.00020	1
1,4-Dioxane	ND		mg/kg	0.12	0.017	1

Project Name: DC UNITED

Lab Number: L1622741

Project Number: 40223-004

Report Date: 07/31/16

SAMPLE RESULTS

Lab ID: L1622741-29
 Client ID: DP-156-SO-100-02
 Sample Location: WASHINGTON, D.C.

Date Collected: 07/21/16 14:10
 Date Received: 07/21/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
cis-1,3-Dichloropropene	ND		mg/kg	0.0012	0.00014	1
Toluene	ND		mg/kg	0.0018	0.00023	1
4-Methyl-2-pentanone	ND		mg/kg	0.012	0.00028	1
Tetrachloroethene	0.00094	J	mg/kg	0.0012	0.00016	1
trans-1,3-Dichloropropene	ND		mg/kg	0.0012	0.00014	1
1,3-Dichloropropene, Total	ND		mg/kg	0.0012	0.00014	1
1,1,2-Trichloroethane	ND		mg/kg	0.0018	0.00036	1
Dibromochloromethane	ND		mg/kg	0.0012	0.00018	1
1,2-Dibromoethane	ND		mg/kg	0.0047	0.00020	1
2-Hexanone	ND		mg/kg	0.012	0.00078	1
Chlorobenzene	ND		mg/kg	0.0012	0.00041	1
Ethylbenzene	ND		mg/kg	0.0012	0.00015	1
p/m-Xylene	ND		mg/kg	0.0023	0.00023	1
o-Xylene	ND		mg/kg	0.0023	0.00020	1
Xylenes, Total	ND		mg/kg	0.0023	0.00020	1
Styrene	ND		mg/kg	0.0023	0.00047	1
Bromoform	ND		mg/kg	0.0047	0.00028	1
Isopropylbenzene	ND		mg/kg	0.0012	0.00012	1
1,1,2,2-Tetrachloroethane	ND		mg/kg	0.0012	0.00012	1
1,3-Dichlorobenzene	ND		mg/kg	0.0058	0.00016	1
1,4-Dichlorobenzene	ND		mg/kg	0.0058	0.00016	1
1,2-Dichlorobenzene	ND		mg/kg	0.0058	0.00018	1
1,2-Dibromo-3-chloropropane	ND		mg/kg	0.0058	0.00046	1
1,2,4-Trichlorobenzene	ND		mg/kg	0.0058	0.00021	1
1,2,3-Trichlorobenzene	ND		mg/kg	0.0058	0.00017	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	121		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	112		70-130

Project Name: DC UNITED

Lab Number: L1622741

Project Number: 40223-004

Report Date: 07/31/16

SAMPLE RESULTS

Lab ID: L1622741-30
 Client ID: EB-072116
 Sample Location: WASHINGTON, D.C.
 Matrix: Water
 Analytical Method: 1,8260C
 Analytical Date: 07/25/16 16:06
 Analyst: PD

Date Collected: 07/21/16 00:00
 Date Received: 07/21/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Dichlorodifluoromethane	ND		ug/l	5.0	0.24	1
Chloromethane	ND		ug/l	2.5	0.18	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Bromomethane	ND		ug/l	1.0	0.26	1
Chloroethane	ND		ug/l	1.0	0.13	1
Trichlorofluoromethane	ND		ug/l	2.5	0.16	1
1,1-Dichloroethene	ND		ug/l	0.50	0.14	1
Carbon disulfide	ND		ug/l	5.0	0.30	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		ug/l	2.5	0.15	1
Methylene chloride	ND		ug/l	2.5	0.29	1
Acetone	ND		ug/l	5.0	1.5	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	0.16	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Methyl tert butyl ether	ND		ug/l	1.0	0.16	1
1,1-Dichloroethane	ND		ug/l	0.75	0.21	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	0.19	1
1,2-Dichloroethene, Total	ND		ug/l	0.50	0.16	1
Cyclohexane	ND		ug/l	10	0.27	1
Bromochloromethane	ND		ug/l	2.5	0.14	1
Chloroform	ND		ug/l	0.75	0.16	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	0.50	0.16	1
2-Butanone	ND		ug/l	5.0	1.9	1
Benzene	ND		ug/l	0.50	0.16	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
Methyl cyclohexane	ND		ug/l	10	0.40	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichloropropane	ND		ug/l	1.0	0.13	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1

Project Name: DC UNITED

Lab Number: L1622741

Project Number: 40223-004

Report Date: 07/31/16

SAMPLE RESULTS

Lab ID: L1622741-30
 Client ID: EB-072116
 Sample Location: WASHINGTON, D.C.

Date Collected: 07/21/16 00:00
 Date Received: 07/21/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Toluene	ND		ug/l	0.75	0.16	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
4-Methyl-2-pentanone	ND		ug/l	5.0	0.42	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1,2-Trichloroethane	ND		ug/l	0.75	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,2-Dibromoethane	ND		ug/l	2.0	0.19	1
2-Hexanone	ND		ug/l	5.0	0.52	1
Chlorobenzene	ND		ug/l	0.50	0.18	1
Ethylbenzene	ND		ug/l	0.50	0.17	1
p/m-Xylene	ND		ug/l	1.0	0.33	1
o-Xylene	ND		ug/l	1.0	0.33	1
Xylenes, Total	ND		ug/l	1.0	0.33	1
Styrene	ND		ug/l	1.0	0.36	1
Bromoform	ND		ug/l	2.0	0.25	1
Isopropylbenzene	ND		ug/l	0.50	0.19	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.19	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.19	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.18	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.33	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.22	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.23	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	94		70-130

Project Name: DC UNITED

Lab Number: L1622741

Project Number: 40223-004

Report Date: 07/31/16

SAMPLE RESULTS

Lab ID: L1622741-31
 Client ID: TRIP BLANK
 Sample Location: WASHINGTON, D.C.
 Matrix: Water
 Analytical Method: 1,8260C
 Analytical Date: 07/25/16 16:44
 Analyst: PD

Date Collected: 07/21/16 00:00
 Date Received: 07/21/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Dichlorodifluoromethane	ND		ug/l	5.0	0.24	1
Chloromethane	ND		ug/l	2.5	0.18	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Bromomethane	ND		ug/l	1.0	0.26	1
Chloroethane	ND		ug/l	1.0	0.13	1
Trichlorofluoromethane	ND		ug/l	2.5	0.16	1
1,1-Dichloroethene	ND		ug/l	0.50	0.14	1
Carbon disulfide	ND		ug/l	5.0	0.30	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		ug/l	2.5	0.15	1
Methylene chloride	ND		ug/l	2.5	0.29	1
Acetone	ND		ug/l	5.0	1.5	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	0.16	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Methyl tert butyl ether	ND		ug/l	1.0	0.16	1
1,1-Dichloroethane	ND		ug/l	0.75	0.21	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	0.19	1
1,2-Dichloroethene, Total	ND		ug/l	0.50	0.16	1
Cyclohexane	ND		ug/l	10	0.27	1
Bromochloromethane	ND		ug/l	2.5	0.14	1
Chloroform	ND		ug/l	0.75	0.16	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	0.50	0.16	1
2-Butanone	ND		ug/l	5.0	1.9	1
Benzene	ND		ug/l	0.50	0.16	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
Methyl cyclohexane	ND		ug/l	10	0.40	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichloropropane	ND		ug/l	1.0	0.13	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1

Project Name: DC UNITED

Lab Number: L1622741

Project Number: 40223-004

Report Date: 07/31/16

SAMPLE RESULTS

Lab ID: L1622741-31
 Client ID: TRIP BLANK
 Sample Location: WASHINGTON, D.C.

Date Collected: 07/21/16 00:00
 Date Received: 07/21/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Toluene	ND		ug/l	0.75	0.16	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
4-Methyl-2-pentanone	ND		ug/l	5.0	0.42	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1,2-Trichloroethane	ND		ug/l	0.75	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,2-Dibromoethane	ND		ug/l	2.0	0.19	1
2-Hexanone	ND		ug/l	5.0	0.52	1
Chlorobenzene	ND		ug/l	0.50	0.18	1
Ethylbenzene	ND		ug/l	0.50	0.17	1
p/m-Xylene	ND		ug/l	1.0	0.33	1
o-Xylene	ND		ug/l	1.0	0.33	1
Xylenes, Total	ND		ug/l	1.0	0.33	1
Styrene	ND		ug/l	1.0	0.36	1
Bromoform	ND		ug/l	2.0	0.25	1
Isopropylbenzene	ND		ug/l	0.50	0.19	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.19	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.19	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.18	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.33	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.22	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.23	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	94		70-130

Project Name: DC UNITED

Lab Number: L1622741

Project Number: 40223-004

Report Date: 07/31/16

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 07/25/16 08:38
 Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 05-06,14-15 Batch: WG916968-3					
Dichlorodifluoromethane	ND		mg/kg	0.010	0.00019
Chloromethane	ND		mg/kg	0.0050	0.00029
Vinyl chloride	ND		mg/kg	0.0020	0.00012
Bromomethane	ND		mg/kg	0.0020	0.00034
Chloroethane	ND		mg/kg	0.0020	0.00032
Trichlorofluoromethane	ND		mg/kg	0.0050	0.00039
1,1-Dichloroethene	ND		mg/kg	0.0010	0.00026
Carbon disulfide	ND		mg/kg	0.010	0.0011
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		mg/kg	0.020	0.00027
Methylene chloride	ND		mg/kg	0.0050	0.0011
Acetone	ND		mg/kg	0.036	0.0010
trans-1,2-Dichloroethene	ND		mg/kg	0.0015	0.00021
Methyl Acetate	ND		mg/kg	0.0040	0.00027
Methyl tert butyl ether	ND		mg/kg	0.0020	0.00008
1,1-Dichloroethane	ND		mg/kg	0.0015	0.00008
cis-1,2-Dichloroethene	ND		mg/kg	0.0010	0.00014
1,2-Dichloroethene, Total	ND		mg/kg	0.0010	0.00014
Cyclohexane	ND		mg/kg	0.020	0.00015
Bromochloromethane	ND		mg/kg	0.0050	0.00028
Chloroform	ND		mg/kg	0.0015	0.00037
Carbon tetrachloride	ND		mg/kg	0.0010	0.00021
1,1,1-Trichloroethane	ND		mg/kg	0.0010	0.00011
2-Butanone	ND		mg/kg	0.010	0.00027
Benzene	ND		mg/kg	0.0010	0.00012
1,2-Dichloroethane	ND		mg/kg	0.0010	0.00011
Methyl cyclohexane	ND		mg/kg	0.0040	0.00015
Trichloroethene	ND		mg/kg	0.0010	0.00012
1,2-Dichloropropane	ND		mg/kg	0.0035	0.00023
Bromodichloromethane	ND		mg/kg	0.0010	0.00017

Project Name: DC UNITED

Lab Number: L1622741

Project Number: 40223-004

Report Date: 07/31/16

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8260C
 Analytical Date: 07/25/16 08:38
 Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 05-06,14-15 Batch: WG916968-3					
1,4-Dioxane	ND		mg/kg	0.10	0.014
cis-1,3-Dichloropropene	ND		mg/kg	0.0010	0.00012
Toluene	ND		mg/kg	0.0015	0.00019
4-Methyl-2-pentanone	ND		mg/kg	0.010	0.00024
Tetrachloroethene	ND		mg/kg	0.0010	0.00014
trans-1,3-Dichloropropene	ND		mg/kg	0.0010	0.00012
1,3-Dichloropropene, Total	ND		mg/kg	0.0010	0.00012
1,1,2-Trichloroethane	ND		mg/kg	0.0015	0.00030
Dibromochloromethane	ND		mg/kg	0.0010	0.00015
1,2-Dibromoethane	ND		mg/kg	0.0040	0.00017
2-Hexanone	ND		mg/kg	0.010	0.00067
Chlorobenzene	ND		mg/kg	0.0010	0.00035
Ethylbenzene	ND		mg/kg	0.0010	0.00013
p/m-Xylene	ND		mg/kg	0.0020	0.00020
o-Xylene	ND		mg/kg	0.0020	0.00017
Xylenes, Total	ND		mg/kg	0.0020	0.00017
Styrene	ND		mg/kg	0.0020	0.00040
Bromoform	ND		mg/kg	0.0040	0.00024
Isopropylbenzene	ND		mg/kg	0.0010	0.00010
1,1,2,2-Tetrachloroethane	ND		mg/kg	0.0010	0.00010
1,3-Dichlorobenzene	ND		mg/kg	0.0050	0.00014
1,4-Dichlorobenzene	ND		mg/kg	0.0050	0.00014
1,2-Dichlorobenzene	ND		mg/kg	0.0050	0.00015
1,2-Dibromo-3-chloropropane	ND		mg/kg	0.0050	0.00040
1,2,4-Trichlorobenzene	ND		mg/kg	0.0050	0.00018
1,2,3-Trichlorobenzene	ND		mg/kg	0.0050	0.00015

Project Name: DC UNITED

Lab Number: L1622741

Project Number: 40223-004

Report Date: 07/31/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 07/25/16 08:38
 Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 05-06,14-15 Batch: WG916968-3					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	81		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	86		70-130

Project Name: DC UNITED

Lab Number: L1622741

Project Number: 40223-004

Report Date: 07/31/16

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 07/25/16 11:06
 Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 30-31 Batch: WG917091-5					
Dichlorodifluoromethane	ND		ug/l	5.0	0.24
Chloromethane	ND		ug/l	2.5	0.18
Vinyl chloride	ND		ug/l	1.0	0.07
Bromomethane	ND		ug/l	1.0	0.26
Chloroethane	ND		ug/l	1.0	0.13
Trichlorofluoromethane	ND		ug/l	2.5	0.16
1,1-Dichloroethene	ND		ug/l	0.50	0.14
Carbon disulfide	ND		ug/l	5.0	0.30
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		ug/l	2.5	0.15
Methylene chloride	ND		ug/l	2.5	0.29
Acetone	ND		ug/l	5.0	1.5
trans-1,2-Dichloroethene	ND		ug/l	0.75	0.16
Methyl Acetate	ND		ug/l	2.0	0.23
Methyl tert butyl ether	ND		ug/l	1.0	0.16
1,1-Dichloroethane	ND		ug/l	0.75	0.21
cis-1,2-Dichloroethene	ND		ug/l	0.50	0.19
1,2-Dichloroethene, Total	ND		ug/l	0.50	0.16
Cyclohexane	ND		ug/l	10	0.27
Bromochloromethane	ND		ug/l	2.5	0.14
Chloroform	ND		ug/l	0.75	0.16
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	0.50	0.16
2-Butanone	ND		ug/l	5.0	1.9
Benzene	ND		ug/l	0.50	0.16
1,2-Dichloroethane	ND		ug/l	0.50	0.13
Methyl cyclohexane	ND		ug/l	10	0.40
Trichloroethene	ND		ug/l	0.50	0.18
1,2-Dichloropropane	ND		ug/l	1.0	0.13
Bromodichloromethane	ND		ug/l	0.50	0.19

Project Name: DC UNITED

Lab Number: L1622741

Project Number: 40223-004

Report Date: 07/31/16

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8260C
 Analytical Date: 07/25/16 11:06
 Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 30-31 Batch: WG917091-5					
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
Toluene	ND		ug/l	0.75	0.16
Tetrachloroethene	ND		ug/l	0.50	0.18
4-Methyl-2-pentanone	ND		ug/l	5.0	0.42
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1,2-Trichloroethane	ND		ug/l	0.75	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,2-Dibromoethane	ND		ug/l	2.0	0.19
2-Hexanone	ND		ug/l	5.0	0.52
Chlorobenzene	ND		ug/l	0.50	0.18
Ethylbenzene	ND		ug/l	0.50	0.17
p/m-Xylene	ND		ug/l	1.0	0.33
o-Xylene	ND		ug/l	1.0	0.33
Xylenes, Total	ND		ug/l	1.0	0.33
Styrene	ND		ug/l	1.0	0.36
Bromoform	ND		ug/l	2.0	0.25
Isopropylbenzene	ND		ug/l	0.50	0.19
1,3-Dichlorobenzene	ND		ug/l	2.5	0.19
1,4-Dichlorobenzene	ND		ug/l	2.5	0.19
1,2-Dichlorobenzene	ND		ug/l	2.5	0.18
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.33
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.22
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.23

Project Name: DC UNITED

Lab Number: L1622741

Project Number: 40223-004

Report Date: 07/31/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 07/25/16 11:06
 Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 30-31 Batch: WG917091-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	94		70-130

Project Name: DC UNITED

Lab Number: L1622741

Project Number: 40223-004

Report Date: 07/31/16

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 07/26/16 08:54
 Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-04,07-13,16-24 Batch: WG917414-3					
Dichlorodifluoromethane	ND		mg/kg	0.010	0.00019
Chloromethane	ND		mg/kg	0.0050	0.00029
Vinyl chloride	ND		mg/kg	0.0020	0.00012
Bromomethane	ND		mg/kg	0.0020	0.00034
Chloroethane	ND		mg/kg	0.0020	0.00032
Trichlorofluoromethane	ND		mg/kg	0.0050	0.00039
1,1-Dichloroethene	ND		mg/kg	0.0010	0.00026
Carbon disulfide	ND		mg/kg	0.010	0.0011
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		mg/kg	0.020	0.00027
Methylene chloride	ND		mg/kg	0.0050	0.0011
Acetone	0.0021	J	mg/kg	0.036	0.0010
trans-1,2-Dichloroethene	ND		mg/kg	0.0015	0.00021
Methyl Acetate	ND		mg/kg	0.0040	0.00027
Methyl tert butyl ether	ND		mg/kg	0.0020	0.00008
1,1-Dichloroethane	ND		mg/kg	0.0015	0.00008
cis-1,2-Dichloroethene	ND		mg/kg	0.0010	0.00014
1,2-Dichloroethene, Total	ND		mg/kg	0.0010	0.00014
Cyclohexane	ND		mg/kg	0.020	0.00015
Bromochloromethane	ND		mg/kg	0.0050	0.00028
Chloroform	ND		mg/kg	0.0015	0.00037
Carbon tetrachloride	ND		mg/kg	0.0010	0.00021
1,1,1-Trichloroethane	ND		mg/kg	0.0010	0.00011
2-Butanone	ND		mg/kg	0.010	0.00027
Benzene	ND		mg/kg	0.0010	0.00012
1,2-Dichloroethane	ND		mg/kg	0.0010	0.00011
Methyl cyclohexane	ND		mg/kg	0.0040	0.00015
Trichloroethene	ND		mg/kg	0.0010	0.00012
1,2-Dichloropropane	ND		mg/kg	0.0035	0.00023
Bromodichloromethane	ND		mg/kg	0.0010	0.00017

Project Name: DC UNITED
Project Number: 40223-004

Lab Number: L1622741
Report Date: 07/31/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/26/16 08:54
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-04,07-13,16-24 Batch: WG917414-3					
1,4-Dioxane	ND		mg/kg	0.10	0.014
cis-1,3-Dichloropropene	ND		mg/kg	0.0010	0.00012
Toluene	ND		mg/kg	0.0015	0.00019
4-Methyl-2-pentanone	ND		mg/kg	0.010	0.00024
Tetrachloroethene	ND		mg/kg	0.0010	0.00014
trans-1,3-Dichloropropene	ND		mg/kg	0.0010	0.00012
1,3-Dichloropropene, Total	ND		mg/kg	0.0010	0.00012
1,1,2-Trichloroethane	ND		mg/kg	0.0015	0.00030
Dibromochloromethane	ND		mg/kg	0.0010	0.00015
1,2-Dibromoethane	ND		mg/kg	0.0040	0.00017
2-Hexanone	ND		mg/kg	0.010	0.00067
Chlorobenzene	ND		mg/kg	0.0010	0.00035
Ethylbenzene	ND		mg/kg	0.0010	0.00013
p/m-Xylene	ND		mg/kg	0.0020	0.00020
o-Xylene	ND		mg/kg	0.0020	0.00017
Xylenes, Total	ND		mg/kg	0.0020	0.00017
Styrene	ND		mg/kg	0.0020	0.00040
Bromoform	ND		mg/kg	0.0040	0.00024
Isopropylbenzene	ND		mg/kg	0.0010	0.00010
1,1,2,2-Tetrachloroethane	ND		mg/kg	0.0010	0.00010
1,3-Dichlorobenzene	ND		mg/kg	0.0050	0.00014
1,4-Dichlorobenzene	ND		mg/kg	0.0050	0.00014
1,2-Dichlorobenzene	ND		mg/kg	0.0050	0.00015
1,2-Dibromo-3-chloropropane	ND		mg/kg	0.0050	0.00040
1,2,4-Trichlorobenzene	ND		mg/kg	0.0050	0.00018
1,2,3-Trichlorobenzene	ND		mg/kg	0.0050	0.00015

Project Name: DC UNITED

Lab Number: L1622741

Project Number: 40223-004

Report Date: 07/31/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 07/26/16 08:54
 Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-04,07-13,16-24 Batch: WG917414-3					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	77		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	90		70-130
Dibromofluoromethane	83		70-130

Project Name: DC UNITED
Project Number: 40223-004

Lab Number: L1622741
Report Date: 07/31/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/27/16 09:06
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 11 Batch: WG917414-6					
Dichlorodifluoromethane	ND		mg/kg	0.010	0.00019
Chloromethane	ND		mg/kg	0.0050	0.00029
Vinyl chloride	ND		mg/kg	0.0020	0.00012
Bromomethane	ND		mg/kg	0.0020	0.00034
Chloroethane	ND		mg/kg	0.0020	0.00032
Trichlorofluoromethane	ND		mg/kg	0.0050	0.00039
1,1-Dichloroethene	ND		mg/kg	0.0010	0.00026
Carbon disulfide	ND		mg/kg	0.010	0.0011
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		mg/kg	0.020	0.00027
Methylene chloride	ND		mg/kg	0.0050	0.0011
Acetone	ND		mg/kg	0.036	0.0010
trans-1,2-Dichloroethene	ND		mg/kg	0.0015	0.00021
Methyl Acetate	ND		mg/kg	0.0040	0.00027
Methyl tert butyl ether	ND		mg/kg	0.0020	0.00008
1,1-Dichloroethane	ND		mg/kg	0.0015	0.00008
cis-1,2-Dichloroethene	ND		mg/kg	0.0010	0.00014
1,2-Dichloroethene, Total	ND		mg/kg	0.0010	0.00014
Cyclohexane	ND		mg/kg	0.020	0.00015
Bromochloromethane	ND		mg/kg	0.0050	0.00028
Chloroform	ND		mg/kg	0.0015	0.00037
Carbon tetrachloride	ND		mg/kg	0.0010	0.00021
1,1,1-Trichloroethane	ND		mg/kg	0.0010	0.00011
2-Butanone	ND		mg/kg	0.010	0.00027
Benzene	ND		mg/kg	0.0010	0.00012
1,2-Dichloroethane	ND		mg/kg	0.0010	0.00011
Methyl cyclohexane	ND		mg/kg	0.0040	0.00015
Trichloroethene	ND		mg/kg	0.0010	0.00012
1,2-Dichloropropane	ND		mg/kg	0.0035	0.00023
Bromodichloromethane	ND		mg/kg	0.0010	0.00017

Project Name: DC UNITED
Project Number: 40223-004

Lab Number: L1622741
Report Date: 07/31/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/27/16 09:06
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 11 Batch: WG917414-6					
1,4-Dioxane	ND		mg/kg	0.10	0.014
cis-1,3-Dichloropropene	ND		mg/kg	0.0010	0.00012
Toluene	ND		mg/kg	0.0015	0.00019
4-Methyl-2-pentanone	ND		mg/kg	0.010	0.00024
Tetrachloroethene	ND		mg/kg	0.0010	0.00014
trans-1,3-Dichloropropene	ND		mg/kg	0.0010	0.00012
1,3-Dichloropropene, Total	ND		mg/kg	0.0010	0.00012
1,1,2-Trichloroethane	ND		mg/kg	0.0015	0.00030
Dibromochloromethane	ND		mg/kg	0.0010	0.00015
1,2-Dibromoethane	ND		mg/kg	0.0040	0.00017
2-Hexanone	ND		mg/kg	0.010	0.00067
Chlorobenzene	ND		mg/kg	0.0010	0.00035
Ethylbenzene	ND		mg/kg	0.0010	0.00013
p/m-Xylene	ND		mg/kg	0.0020	0.00020
o-Xylene	ND		mg/kg	0.0020	0.00017
Xylenes, Total	ND		mg/kg	0.0020	0.00017
Styrene	ND		mg/kg	0.0020	0.00040
Bromoform	ND		mg/kg	0.0040	0.00024
Isopropylbenzene	ND		mg/kg	0.0010	0.00010
1,1,2,2-Tetrachloroethane	ND		mg/kg	0.0010	0.00010
1,3-Dichlorobenzene	ND		mg/kg	0.0050	0.00014
1,4-Dichlorobenzene	ND		mg/kg	0.0050	0.00014
1,2-Dichlorobenzene	ND		mg/kg	0.0050	0.00015
1,2-Dibromo-3-chloropropane	ND		mg/kg	0.0050	0.00040
1,2,4-Trichlorobenzene	ND		mg/kg	0.0050	0.00018
1,2,3-Trichlorobenzene	ND		mg/kg	0.0050	0.00015

Project Name: DC UNITED

Lab Number: L1622741

Project Number: 40223-004

Report Date: 07/31/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 07/27/16 09:06
 Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 11 Batch: WG917414-6					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	93		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	94		70-130

Project Name: DC UNITED

Lab Number: L1622741

Project Number: 40223-004

Report Date: 07/31/16

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 07/26/16 08:28
 Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 25-26,28-29 Batch: WG917424-5					
Dichlorodifluoromethane	ND		mg/kg	0.010	0.00019
Chloromethane	ND		mg/kg	0.0050	0.00029
Vinyl chloride	ND		mg/kg	0.0020	0.00012
Bromomethane	0.00060	J	mg/kg	0.0020	0.00034
Chloroethane	ND		mg/kg	0.0020	0.00032
Trichlorofluoromethane	ND		mg/kg	0.0050	0.00039
1,1-Dichloroethene	ND		mg/kg	0.0010	0.00026
Carbon disulfide	ND		mg/kg	0.010	0.0011
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		mg/kg	0.020	0.00027
Methylene chloride	ND		mg/kg	0.0050	0.0011
Acetone	0.0014	J	mg/kg	0.036	0.0010
trans-1,2-Dichloroethene	ND		mg/kg	0.0015	0.00021
Methyl Acetate	ND		mg/kg	0.0040	0.00027
Methyl tert butyl ether	ND		mg/kg	0.0020	0.00008
1,1-Dichloroethane	ND		mg/kg	0.0015	0.00008
cis-1,2-Dichloroethene	ND		mg/kg	0.0010	0.00014
1,2-Dichloroethene, Total	ND		mg/kg	0.0010	0.00014
Cyclohexane	ND		mg/kg	0.020	0.00015
Bromochloromethane	ND		mg/kg	0.0050	0.00028
Chloroform	ND		mg/kg	0.0015	0.00037
Carbon tetrachloride	ND		mg/kg	0.0010	0.00021
1,1,1-Trichloroethane	ND		mg/kg	0.0010	0.00011
2-Butanone	ND		mg/kg	0.010	0.00027
Benzene	0.00035	J	mg/kg	0.0010	0.00012
1,2-Dichloroethane	ND		mg/kg	0.0010	0.00011
Methyl cyclohexane	ND		mg/kg	0.0040	0.00015
Trichloroethene	ND		mg/kg	0.0010	0.00012
1,2-Dichloropropane	ND		mg/kg	0.0035	0.00023
Bromodichloromethane	ND		mg/kg	0.0010	0.00017

Project Name: DC UNITED

Lab Number: L1622741

Project Number: 40223-004

Report Date: 07/31/16

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 07/26/16 08:28
 Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 25-26,28-29 Batch: WG917424-5					
1,4-Dioxane	ND		mg/kg	0.10	0.014
cis-1,3-Dichloropropene	ND		mg/kg	0.0010	0.00012
Toluene	ND		mg/kg	0.0015	0.00019
4-Methyl-2-pentanone	ND		mg/kg	0.010	0.00024
Tetrachloroethene	ND		mg/kg	0.0010	0.00014
trans-1,3-Dichloropropene	ND		mg/kg	0.0010	0.00012
1,3-Dichloropropene, Total	ND		mg/kg	0.0010	0.00012
1,1,2-Trichloroethane	ND		mg/kg	0.0015	0.00030
Dibromochloromethane	ND		mg/kg	0.0010	0.00015
1,2-Dibromoethane	ND		mg/kg	0.0040	0.00017
2-Hexanone	ND		mg/kg	0.010	0.00067
Chlorobenzene	ND		mg/kg	0.0010	0.00035
Ethylbenzene	ND		mg/kg	0.0010	0.00013
p/m-Xylene	ND		mg/kg	0.0020	0.00020
o-Xylene	ND		mg/kg	0.0020	0.00017
Xylenes, Total	ND		mg/kg	0.0020	0.00017
Styrene	ND		mg/kg	0.0020	0.00040
Bromoform	ND		mg/kg	0.0040	0.00024
Isopropylbenzene	ND		mg/kg	0.0010	0.00010
1,1,2,2-Tetrachloroethane	ND		mg/kg	0.0010	0.00010
1,3-Dichlorobenzene	ND		mg/kg	0.0050	0.00014
1,4-Dichlorobenzene	ND		mg/kg	0.0050	0.00014
1,2-Dichlorobenzene	ND		mg/kg	0.0050	0.00015
1,2-Dibromo-3-chloropropane	ND		mg/kg	0.0050	0.00040
1,2,4-Trichlorobenzene	ND		mg/kg	0.0050	0.00018
1,2,3-Trichlorobenzene	ND		mg/kg	0.0050	0.00015

Project Name: DC UNITED

Lab Number: L1622741

Project Number: 40223-004

Report Date: 07/31/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 07/26/16 08:28
 Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 25-26,28-29 Batch: WG917424-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	115		70-130
Toluene-d8	91		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	107		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: DC UNITED

Project Number: 40223-004

Lab Number: L1622741

Report Date: 07/31/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 05-06,14-15 Batch: WG916968-1 WG916968-2								
Dichlorodifluoromethane	70		58		30-146	19		30
Chloromethane	108		97		52-130	11		30
Vinyl chloride	122		104		67-130	16		30
Bromomethane	82		72		57-147	13		30
Chloroethane	93		81		50-151	14		30
Trichlorofluoromethane	85		73		70-139	15		30
1,1-Dichloroethene	116		101		65-135	14		30
Carbon disulfide	72		61		59-130	17		30
1,1,2-Trichloro-1,2,2-Trifluoroethane	114		98		50-139	15		30
Acrolein	105		95		51-130	10		30
Methylene chloride	99		91		70-130	8		30
Acetone	97		87		54-140	11		30
trans-1,2-Dichloroethene	108		95		70-130	13		30
Methyl Acetate	110		100		51-146	10		30
Methyl tert butyl ether	82		77		66-130	6		30
1,1-Dichloroethane	103		95		70-130	8		30
Acrylonitrile	105		95		70-130	10		30
cis-1,2-Dichloroethene	96		94		70-130	2		30
2,2-Dichloropropane	96		88		70-130	9		30
Cyclohexane	147	Q	130		59-142	12		30
Bromochloromethane	100		95		70-130	5		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: DC UNITED

Project Number: 40223-004

Lab Number: L1622741

Report Date: 07/31/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 05-06,14-15 Batch: WG916968-1 WG916968-2								
Chloroform	85		77		70-130	10		30
Carbon tetrachloride	91		81		70-130	12		30
1,1,1-Trichloroethane	92		81		70-130	13		30
2-Butanone	91		91		70-130	0		30
1,1-Dichloropropene	102		92		70-130	10		30
Benzene	106		95		70-130	11		30
1,2-Dichloroethane	76		73		70-130	4		30
Methyl cyclohexane	117		103		70-130	13		30
Trichloroethene	100		91		70-130	9		30
1,2-Dichloropropane	106		99		70-130	7		30
Bromodichloromethane	81		77		70-130	5		30
1,4-Dioxane	72		66		65-136	9		30
2-Chloroethylvinyl ether	85		82		70-130	4		30
cis-1,3-Dichloropropene	93		88		70-130	6		30
Toluene	92		87		70-130	6		30
4-Methyl-2-pentanone	85		86		70-130	1		30
Tetrachloroethene	109		102		70-130	7		30
trans-1,3-Dichloropropene	84		81		70-130	4		30
1,1,2-Trichloroethane	85		88		70-130	3		30
Dibromochloromethane	76		76		70-130	0		30
1,3-Dichloropropane	85		83		69-130	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: DC UNITED

Project Number: 40223-004

Lab Number: L1622741

Report Date: 07/31/16

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 05-06,14-15 Batch: WG916968-1 WG916968-2								
1,2-Dibromoethane	84		83		70-130	1		30
2-Hexanone	82		76		70-130	8		30
Chlorobenzene	96		92		70-130	4		30
Ethylbenzene	98		92		70-130	6		30
1,1,1,2-Tetrachloroethane	85		82		70-130	4		30
p/m-Xylene	105		100		70-130	5		30
o-Xylene	102		98		70-130	4		30
Styrene	99		96		70-130	3		30
Bromoform	76		75		70-130	1		30
Isopropylbenzene	102		97		70-130	5		30
Bromobenzene	96		93		70-130	3		30
1,1,2,2-Tetrachloroethane	78		77		70-130	1		30
o-Chlorotoluene	103		88		70-130	16		30
1,3,5-Trimethylbenzene	96		93		70-130	3		30
1,2,3-Trichloropropane	77		77		68-130	0		30
p-Chlorotoluene	94		91		70-130	3		30
tert-Butylbenzene	100		95		70-130	5		30
1,2,4-Trimethylbenzene	96		94		70-130	2		30
sec-Butylbenzene	107		102		70-130	5		30
p-Isopropyltoluene	95		91		70-130	4		30
1,3-Dichlorobenzene	98		96		70-130	2		30

Lab Control Sample Analysis Batch Quality Control

Project Name: DC UNITED
Project Number: 40223-004

Lab Number: L1622741
Report Date: 07/31/16

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 05-06,14-15 Batch: WG916968-1 WG916968-2								
1,4-Dichlorobenzene	96		93		70-130	3		30
n-Butylbenzene	106		100		70-130	6		30
1,2-Dichlorobenzene	94		92		70-130	2		30
1,2-Dibromo-3-chloropropane	67	Q	68		68-130	1		30
Hexachlorobutadiene	94		91		67-130	3		30
1,2,4-Trichlorobenzene	89		90		70-130	1		30
Naphthalene	70		72		70-130	3		30
1,2,3-Trichlorobenzene	86		87		70-130	1		30
tert-Butyl Alcohol	81		73		40-160	10		30
Tertiary-Amyl Methyl Ether	86		78		70-130	10		30
Isopropyl Ether	127		116		70-130	9		30

Surrogate	LCS		LCSD		Acceptance Criteria
	%Recovery	Qual	%Recovery	Qual	
1,2-Dichloroethane-d4	78		73		70-130
Toluene-d8	96		94		70-130
4-Bromofluorobenzene	94		93		70-130
Dibromofluoromethane	90		86		70-130



Lab Control Sample Analysis

Batch Quality Control

Project Name: DC UNITED

Project Number: 40223-004

Lab Number: L1622741

Report Date: 07/31/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 30-31 Batch: WG917091-3 WG917091-4								
Dichlorodifluoromethane	43		42		36-147	2		20
Chloromethane	69		68		64-130	1		20
Vinyl chloride	82		79		55-140	4		20
Bromomethane	57		52		39-139	9		20
Chloroethane	110		110		55-138	0		20
Trichlorofluoromethane	72		71		62-150	1		20
1,1-Dichloroethene	85		82		61-145	4		20
Carbon disulfide	88		86		51-130	2		20
1,1,2-Trichloro-1,2,2-Trifluoroethane	90		85		70-130	6		20
Methylene chloride	98		94		70-130	4		20
Acetone	110		110		58-148	0		20
trans-1,2-Dichloroethene	98		95		70-130	3		20
Methyl Acetate	140	Q	140	Q	70-130	0		20
Methyl tert butyl ether	91		92		63-130	1		20
1,1-Dichloroethane	100		98		70-130	2		20
cis-1,2-Dichloroethene	99		97		70-130	2		20
Cyclohexane	110		110		70-130	0		20
Bromochloromethane	100		100		70-130	0		20
Chloroform	91		89		70-130	2		20
Carbon tetrachloride	77		73		63-132	5		20
1,1,1-Trichloroethane	78		75		67-130	4		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: DC UNITED

Project Number: 40223-004

Lab Number: L1622741

Report Date: 07/31/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 30-31 Batch: WG917091-3 WG917091-4								
2-Butanone	120		130		63-138	8		20
Benzene	100		99		70-130	1		20
1,2-Dichloroethane	90		90		70-130	0		20
Methyl cyclohexane	95		91		70-130	4		20
Trichloroethene	94		91		70-130	3		20
1,2-Dichloropropane	100		100		70-130	0		20
Bromodichloromethane	87		85		67-130	2		20
cis-1,3-Dichloropropene	85		85		70-130	0		20
Toluene	100		100		70-130	0		20
Tetrachloroethene	98		95		70-130	3		20
4-Methyl-2-pentanone	120		120		59-130	0		20
trans-1,3-Dichloropropene	81		80		70-130	1		20
1,1,2-Trichloroethane	110		110		70-130	0		20
Dibromochloromethane	90		90		63-130	0		20
1,2-Dibromoethane	100		100		70-130	0		20
2-Hexanone	110		110		57-130	0		20
Chlorobenzene	110		100		75-130	10		20
Ethylbenzene	110		100		70-130	10		20
p/m-Xylene	110		105		70-130	5		20
o-Xylene	110		110		70-130	0		20
Styrene	115		115		70-130	0		20

Lab Control Sample Analysis Batch Quality Control

Project Name: DC UNITED
Project Number: 40223-004

Lab Number: L1622741
Report Date: 07/31/16

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 30-31 Batch: WG917091-3 WG917091-4								
Bromoform	86		87		54-136	1		20
Isopropylbenzene	100		100		70-130	0		20
1,1,2,2-Tetrachloroethane	110		110		67-130	0		20
1,3,5-Trimethylbenzene	100		100		64-130	0		20
1,2,4-Trimethylbenzene	100		100		70-130	0		20
1,3-Dichlorobenzene	110		110		70-130	0		20
1,4-Dichlorobenzene	110		110		70-130	0		20
1,2-Dichlorobenzene	110		110		70-130	0		20
1,2-Dibromo-3-chloropropane	85		93		41-144	9		20
1,2,4-Trichlorobenzene	100		100		70-130	0		20
Naphthalene	110		120		70-130	9		20
1,2,3-Trichlorobenzene	110		110		70-130	0		20
tert-Butyl Alcohol	134	Q	136	Q	70-130	1		20

Surrogate	LCS		LCSD		Acceptance Criteria
	%Recovery	Qual	%Recovery	Qual	
1,2-Dichloroethane-d4	93		92		70-130
Toluene-d8	105		103		70-130
4-Bromofluorobenzene	98		99		70-130
Dibromofluoromethane	95		95		70-130



Lab Control Sample Analysis

Batch Quality Control

Project Name: DC UNITED

Project Number: 40223-004

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Report Date: 07/31/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04,07-13,16-24 Batch: WG917414-1 WG917414-2								
Dichlorodifluoromethane	50		64		30-146	25		30
Chloromethane	87		100		52-130	14		30
Vinyl chloride	85		106		67-130	22		30
Bromomethane	63		69		57-147	9		30
Chloroethane	68		78		50-151	14		30
Trichlorofluoromethane	59	Q	73		70-139	21		30
1,1-Dichloroethene	88		104		65-135	17		30
Carbon disulfide	53	Q	68		59-130	25		30
1,1,2-Trichloro-1,2,2-Trifluoroethane	81		98		50-139	19		30
Acrolein	100		99		51-130	1		30
Methylene chloride	90		95		70-130	5		30
Acetone	90		91		54-140	1		30
trans-1,2-Dichloroethene	90		104		70-130	14		30
Methyl Acetate	105		108		51-146	3		30
Methyl tert butyl ether	81		84		66-130	4		30
1,1-Dichloroethane	84		101		70-130	18		30
Acrylonitrile	102		106		70-130	4		30
cis-1,2-Dichloroethene	93		98		70-130	5		30
2,2-Dichloropropane	80		92		70-130	14		30
Cyclohexane	110		141		59-142	25		30
Bromochloromethane	93		99		70-130	6		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: DC UNITED

Project Number: 40223-004

Lab Number: L1622741

Report Date: 07/31/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04,07-13,16-24 Batch: WG917414-1 WG917414-2								
Chloroform	76		80		70-130	5		30
Carbon tetrachloride	72		87		70-130	19		30
1,1,1-Trichloroethane	72		85		70-130	17		30
2-Butanone	91		92		70-130	1		30
1,1-Dichloropropene	82		99		70-130	19		30
Benzene	93		102		70-130	9		30
1,2-Dichloroethane	75		74		70-130	1		30
Methyl cyclohexane	89		111		70-130	22		30
Trichloroethene	86		96		70-130	11		30
1,2-Dichloropropane	101		108		70-130	7		30
Bromodichloromethane	77		81		70-130	5		30
1,4-Dioxane	78		82		65-136	5		30
2-Chloroethylvinyl ether	90		93		70-130	3		30
cis-1,3-Dichloropropene	89		93		70-130	4		30
Toluene	82		90		70-130	9		30
4-Methyl-2-pentanone	94		97		70-130	3		30
Tetrachloroethene	94		108		70-130	14		30
trans-1,3-Dichloropropene	83		84		70-130	1		30
1,1,2-Trichloroethane	89		94		70-130	5		30
Dibromochloromethane	77		80		70-130	4		30
1,3-Dichloropropane	86		88		69-130	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: DC UNITED

Project Number: 40223-004

Lab Number: L1622741

Report Date: 07/31/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04,07-13,16-24 Batch: WG917414-1 WG917414-2								
1,2-Dibromoethane	88		88		70-130	0		30
2-Hexanone	91		84		70-130	8		30
Chlorobenzene	91		97		70-130	6		30
Ethylbenzene	89		98		70-130	10		30
1,1,1,2-Tetrachloroethane	82		86		70-130	5		30
p/m-Xylene	96		107		70-130	11		30
o-Xylene	97		104		70-130	7		30
Styrene	96		101		70-130	5		30
Bromoform	81		80		70-130	1		30
Isopropylbenzene	93		103		70-130	10		30
Bromobenzene	95		99		70-130	4		30
1,1,2,2-Tetrachloroethane	84		83		70-130	1		30
o-Chlorotoluene	98		101		70-130	3		30
1,3,5-Trimethylbenzene	91		99		70-130	8		30
1,2,3-Trichloropropane	82		82		68-130	0		30
p-Chlorotoluene	91		94		70-130	3		30
tert-Butylbenzene	92		100		70-130	8		30
1,2,4-Trimethylbenzene	93		97		70-130	4		30
sec-Butylbenzene	96		109		70-130	13		30
p-Isopropyltoluene	87		97		70-130	11		30
1,3-Dichlorobenzene	98		101		70-130	3		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: DC UNITED

Project Number: 40223-004

Lab Number: L1622741

Report Date: 07/31/16

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04,07-13,16-24 Batch: WG917414-1 WG917414-2								
1,4-Dichlorobenzene	95		98		70-130	3		30
n-Butylbenzene	96		107		70-130	11		30
1,2-Dichlorobenzene	96		97		70-130	1		30
1,2-Dibromo-3-chloropropane	80		77		68-130	4		30
Hexachlorobutadiene	89		99		67-130	11		30
1,2,4-Trichlorobenzene	96		97		70-130	1		30
Naphthalene	83		81		70-130	2		30
1,2,3-Trichlorobenzene	95		95		70-130	0		30
tert-Butyl Alcohol	86		88		40-160	2		30
Tertiary-Amyl Methyl Ether	85		87		70-130	2		30
Isopropyl Ether	117		120		70-130	3		30

Surrogate	LCS		LCSD		Acceptance Criteria
	%Recovery	Qual	%Recovery	Qual	
1,2-Dichloroethane-d4	74		74		70-130
Toluene-d8	95		94		70-130
4-Bromofluorobenzene	94		93		70-130
Dibromofluoromethane	83		85		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: DC UNITED

Project Number: 40223-004

Lab Number: L1622741

Report Date: 07/31/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 11 Batch: WG917414-4 WG917414-5								
Dichlorodifluoromethane	54		47		30-146	14		30
Chloromethane	105		97		52-130	8		30
Vinyl chloride	91		81		67-130	12		30
Bromomethane	73		65		57-147	12		30
Chloroethane	71		66		50-151	7		30
Trichlorofluoromethane	62	Q	53	Q	70-139	16		30
1,1-Dichloroethene	90		81		65-135	11		30
Carbon disulfide	90		83		59-130	8		30
1,1,2-Trichloro-1,2,2-Trifluoroethane	82		70		50-139	16		30
Acrolein	101		98		51-130	3		30
Methylene chloride	105		100		70-130	5		30
Acetone	110		101		54-140	9		30
trans-1,2-Dichloroethene	93		86		70-130	8		30
Methyl Acetate	125		120		51-146	4		30
Methyl tert butyl ether	91		88		66-130	3		30
1,1-Dichloroethane	105		98		70-130	7		30
Acrylonitrile	135	Q	130		70-130	4		30
cis-1,2-Dichloroethene	95		90		70-130	5		30
2,2-Dichloropropane	89		80		70-130	11		30
Cyclohexane	112		97		59-142	14		30
Bromochloromethane	100		96		70-130	4		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: DC UNITED

Project Number: 40223-004

Lab Number: L1622741

Report Date: 07/31/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 11 Batch: WG917414-4 WG917414-5								
Chloroform	93		88		70-130	6		30
Carbon tetrachloride	89		78		70-130	13		30
1,1,1-Trichloroethane	88		80		70-130	10		30
2-Butanone	114		116		70-130	2		30
1,1-Dichloropropene	84		75		70-130	11		30
Benzene	93		86		70-130	8		30
1,2-Dichloroethane	97		94		70-130	3		30
Methyl cyclohexane	82		71		70-130	14		30
Trichloroethene	93		86		70-130	8		30
1,2-Dichloropropane	108		104		70-130	4		30
Bromodichloromethane	93		89		70-130	4		30
1,4-Dioxane	88		83		65-136	6		30
2-Chloroethylvinyl ether	111		107		70-130	4		30
cis-1,3-Dichloropropene	92		89		70-130	3		30
Toluene	88		82		70-130	7		30
4-Methyl-2-pentanone	104		103		70-130	1		30
Tetrachloroethene	94		86		70-130	9		30
trans-1,3-Dichloropropene	92		88		70-130	4		30
1,1,2-Trichloroethane	99		95		70-130	4		30
Dibromochloromethane	97		94		70-130	3		30
1,3-Dichloropropane	92		89		69-130	3		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: DC UNITED

Project Number: 40223-004

Lab Number: L1622741

Report Date: 07/31/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 11 Batch: WG917414-4 WG917414-5								
1,2-Dibromoethane	96		94		70-130	2		30
2-Hexanone	100		97		70-130	3		30
Chlorobenzene	94		90		70-130	4		30
Ethylbenzene	88		81		70-130	8		30
1,1,1,2-Tetrachloroethane	97		93		70-130	4		30
p/m-Xylene	92		86		70-130	7		30
o-Xylene	92		87		70-130	6		30
Styrene	91		87		70-130	4		30
Bromoform	98		95		70-130	3		30
Isopropylbenzene	85		77		70-130	10		30
Bromobenzene	94		90		70-130	4		30
1,1,2,2-Tetrachloroethane	92		90		70-130	2		30
o-Chlorotoluene	90		84		70-130	7		30
1,3,5-Trimethylbenzene	90		83		70-130	8		30
1,2,3-Trichloropropane	88		86		68-130	2		30
p-Chlorotoluene	89		85		70-130	5		30
tert-Butylbenzene	91		84		70-130	8		30
1,2,4-Trimethylbenzene	89		84		70-130	6		30
sec-Butylbenzene	87		79		70-130	10		30
p-Isopropyltoluene	91		84		70-130	8		30
1,3-Dichlorobenzene	96		91		70-130	5		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: DC UNITED

Project Number: 40223-004

Lab Number: L1622741

Report Date: 07/31/16

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 11 Batch: WG917414-4 WG917414-5								
1,4-Dichlorobenzene	97		92		70-130	5		30
n-Butylbenzene	86		78		70-130	10		30
1,2-Dichlorobenzene	96		93		70-130	3		30
1,2-Dibromo-3-chloropropane	93		90		68-130	3		30
Hexachlorobutadiene	88		79		67-130	11		30
1,2,4-Trichlorobenzene	91		87		70-130	4		30
Naphthalene	86		84		70-130	2		30
1,2,3-Trichlorobenzene	92		88		70-130	4		30
tert-Butyl Alcohol	99		99		40-160	0		30
Tertiary-Amyl Methyl Ether	90		88		70-130	2		30
Isopropyl Ether	129		123		70-130	5		30

Surrogate	LCS		LCSD		Acceptance Criteria
	%Recovery	Qual	%Recovery	Qual	
1,2-Dichloroethane-d4	90		92		70-130
Toluene-d8	95		94		70-130
4-Bromofluorobenzene	94		94		70-130
Dibromofluoromethane	96		96		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: DC UNITED

Project Number: 40223-004

Lab Number: L1622741

Report Date: 07/31/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 25-26,28-29 Batch: WG917424-3 WG917424-4								
Dichlorodifluoromethane	118		107		30-146	10		30
Chloromethane	120		114		52-130	5		30
Vinyl chloride	111		102		67-130	8		30
Bromomethane	89		90		57-147	1		30
Chloroethane	116		110		50-151	5		30
Trichlorofluoromethane	139		124		70-139	11		30
1,1-Dichloroethene	109		99		65-135	10		30
Carbon disulfide	89		82		59-130	8		30
1,1,2-Trichloro-1,2,2-Trifluoroethane	120		105		50-139	13		30
Acrolein	94		92		51-130	2		30
Methylene chloride	93		89		70-130	4		30
Acetone	142	Q	123		54-140	14		30
trans-1,2-Dichloroethene	113		98		70-130	14		30
Methyl Acetate	116		106		51-146	9		30
Methyl tert butyl ether	111		108		66-130	3		30
1,1-Dichloroethane	109		103		70-130	6		30
Acrylonitrile	104		102		70-130	2		30
cis-1,2-Dichloroethene	104		99		70-130	5		30
2,2-Dichloropropane	122		109		70-130	11		30
Cyclohexane	115		102		59-142	12		30
Bromochloromethane	114		111		70-130	3		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: DC UNITED

Project Number: 40223-004

Lab Number: L1622741

Report Date: 07/31/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 25-26,28-29 Batch: WG917424-3 WG917424-4								
Chloroform	114		108		70-130	5		30
Carbon tetrachloride	132	Q	118		70-130	11		30
1,1,1-Trichloroethane	125		112		70-130	11		30
2-Butanone	124		117		70-130	6		30
1,1-Dichloropropene	110		102		70-130	8		30
Benzene	94		87		70-130	8		30
1,2-Dichloroethane	124		117		70-130	6		30
Methyl cyclohexane	107		98		70-130	9		30
Trichloroethene	109		103		70-130	6		30
1,2-Dichloropropane	104		99		70-130	5		30
Bromodichloromethane	116		109		70-130	6		30
cis-1,3-Dichloropropene	109		103		70-130	6		30
Toluene	93		87		70-130	7		30
4-Methyl-2-pentanone	87		87		70-130	0		30
Tetrachloroethene	106		100		70-130	6		30
trans-1,3-Dichloropropene	100		96		70-130	4		30
1,1,2-Trichloroethane	92		91		70-130	1		30
Dibromochloromethane	104		102		70-130	2		30
1,3-Dichloropropane	93		91		69-130	2		30
1,2-Dibromoethane	94		93		70-130	1		30
2-Hexanone	96		94		70-130	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: DC UNITED

Project Number: 40223-004

Lab Number: L1622741

Report Date: 07/31/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 25-26,28-29 Batch: WG917424-3 WG917424-4								
Chlorobenzene	100		95		70-130	5		30
Ethylbenzene	99		93		70-130	6		30
1,1,1,2-Tetrachloroethane	106		103		70-130	3		30
p/m-Xylene	100		94		70-130	6		30
o-Xylene	100		95		70-130	5		30
Styrene	102		98		70-130	4		30
Bromoform	102		99		70-130	3		30
Isopropylbenzene	96		88		70-130	9		30
Bromobenzene	96		92		70-130	4		30
1,1,2,2-Tetrachloroethane	87		85		70-130	2		30
o-Chlorotoluene	94		91		70-130	3		30
1,3,5-Trimethylbenzene	97		91		70-130	6		30
1,2,3-Trichloropropane	90		86		68-130	5		30
p-Chlorotoluene	98		91		70-130	7		30
tert-Butylbenzene	97		89		70-130	9		30
1,2,4-Trimethylbenzene	97		90		70-130	7		30
sec-Butylbenzene	99		90		70-130	10		30
p-Isopropyltoluene	100		92		70-130	8		30
1,3-Dichlorobenzene	101		95		70-130	6		30
1,4-Dichlorobenzene	100		95		70-130	5		30
n-Butylbenzene	104		95		70-130	9		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: DC UNITED

Project Number: 40223-004

Lab Number: L1622741

Report Date: 07/31/16

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 25-26,28-29 Batch: WG917424-3 WG917424-4								
1,2-Dichlorobenzene	99		94		70-130	5		30
1,2-Dibromo-3-chloropropane	93		90		68-130	3		30
Hexachlorobutadiene	104		96		67-130	8		30
1,2,4-Trichlorobenzene	104		98		70-130	6		30
Naphthalene	90		88		70-130	2		30
1,2,3-Trichlorobenzene	100		96		70-130	4		30
tert-Butyl Alcohol	96		94		40-160	2		30
Tertiary-Amyl Methyl Ether	101		98		70-130	3		30
Isopropyl Ether	114		108		70-130	5		30

Surrogate	LCS		LCSD		Acceptance Criteria
	%Recovery	Qual	%Recovery	Qual	
1,2-Dichloroethane-d4	116		115		70-130
Toluene-d8	93		94		70-130
4-Bromofluorobenzene	94		93		70-130
Dibromofluoromethane	107		109		70-130

SEMIVOLATILES

Project Name: DC UNITED
Project Number: 40223-004

Lab Number: L1622741
Report Date: 07/31/16

SAMPLE RESULTS

Lab ID: L1622741-01
 Client ID: DP-162-SO-010-01
 Sample Location: WASHINGTON, D.C.
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/27/16 20:12
 Analyst: PS
 Percent Solids: 81%

Date Collected: 07/21/16 08:25
 Date Received: 07/21/16
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/24/16 18:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.20	0.025	1
2-Methylnaphthalene	ND		mg/kg	0.24	0.024	1
2-Chloronaphthalene	ND		mg/kg	0.20	0.020	1
Acenaphthylene	ND		mg/kg	0.16	0.031	1
Acenaphthene	ND		mg/kg	0.16	0.021	1
Fluorene	ND		mg/kg	0.20	0.020	1
Phenanthrene	0.056	J	mg/kg	0.12	0.024	1
Anthracene	ND		mg/kg	0.12	0.039	1
Fluoranthene	0.13		mg/kg	0.12	0.023	1
Pyrene	0.11	J	mg/kg	0.12	0.020	1
Benzo(a)anthracene	0.064	J	mg/kg	0.12	0.023	1
Chrysene	0.063	J	mg/kg	0.12	0.021	1
Benzo(b)fluoranthene	0.076	J	mg/kg	0.12	0.034	1
Benzo(k)fluoranthene	ND		mg/kg	0.12	0.032	1
Benzo(a)pyrene	0.058	J	mg/kg	0.16	0.049	1
Indeno(1,2,3-cd)pyrene	0.042	J	mg/kg	0.16	0.028	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.12	0.023	1
Benzo(ghi)perylene	0.039	J	mg/kg	0.16	0.024	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	79		25-120
Phenol-d6	91		10-120
Nitrobenzene-d5	102		23-120
2-Fluorobiphenyl	88		30-120
2,4,6-Tribromophenol	99		10-136
4-Terphenyl-d14	95		18-120

Project Name: DC UNITED
Project Number: 40223-004

Lab Number: L1622741
Report Date: 07/31/16

SAMPLE RESULTS

Lab ID: L1622741-02
 Client ID: DP-162-SO-050-01
 Sample Location: WASHINGTON, D.C.
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/27/16 20:37
 Analyst: PS
 Percent Solids: 83%

Date Collected: 07/21/16 08:30
 Date Received: 07/21/16
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/24/16 18:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	0.049	J	mg/kg	0.20	0.024	1
2-Methylnaphthalene	0.044	J	mg/kg	0.24	0.024	1
2-Chloronaphthalene	ND		mg/kg	0.20	0.020	1
Acenaphthylene	0.090	J	mg/kg	0.16	0.031	1
Acenaphthene	0.066	J	mg/kg	0.16	0.020	1
Fluorene	0.098	J	mg/kg	0.20	0.019	1
Phenanthrene	0.72		mg/kg	0.12	0.024	1
Anthracene	0.20		mg/kg	0.12	0.039	1
Fluoranthene	1.2		mg/kg	0.12	0.023	1
Pyrene	1.0		mg/kg	0.12	0.020	1
Benzo(a)anthracene	0.56		mg/kg	0.12	0.022	1
Chrysene	0.56		mg/kg	0.12	0.021	1
Benzo(b)fluoranthene	0.74		mg/kg	0.12	0.033	1
Benzo(k)fluoranthene	0.25		mg/kg	0.12	0.032	1
Benzo(a)pyrene	0.56		mg/kg	0.16	0.048	1
Indeno(1,2,3-cd)pyrene	0.40		mg/kg	0.16	0.028	1
Dibenzo(a,h)anthracene	0.093	J	mg/kg	0.12	0.023	1
Benzo(ghi)perylene	0.39		mg/kg	0.16	0.023	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	85		25-120
Phenol-d6	96		10-120
Nitrobenzene-d5	110		23-120
2-Fluorobiphenyl	96		30-120
2,4,6-Tribromophenol	110		10-136
4-Terphenyl-d14	98		18-120

Project Name: DC UNITED
Project Number: 40223-004

Lab Number: L1622741
Report Date: 07/31/16

SAMPLE RESULTS

Lab ID: L1622741-03
 Client ID: DP-162-SO-100-01
 Sample Location: WASHINGTON, D.C.
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/27/16 21:02
 Analyst: PS
 Percent Solids: 82%

Date Collected: 07/21/16 08:35
 Date Received: 07/21/16
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/24/16 18:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	0.052	J	mg/kg	0.20	0.024	1
2-Methylnaphthalene	0.10	J	mg/kg	0.24	0.024	1
2-Chloronaphthalene	ND		mg/kg	0.20	0.020	1
Acenaphthylene	ND		mg/kg	0.16	0.030	1
Acenaphthene	0.51		mg/kg	0.16	0.020	1
Fluorene	0.54		mg/kg	0.20	0.019	1
Phenanthrene	3.4		mg/kg	0.12	0.024	1
Anthracene	1.2		mg/kg	0.12	0.038	1
Fluoranthene	3.0		mg/kg	0.12	0.023	1
Pyrene	2.4		mg/kg	0.12	0.020	1
Benzo(a)anthracene	1.5		mg/kg	0.12	0.022	1
Chrysene	1.3		mg/kg	0.12	0.020	1
Benzo(b)fluoranthene	1.3		mg/kg	0.12	0.033	1
Benzo(k)fluoranthene	0.51		mg/kg	0.12	0.032	1
Benzo(a)pyrene	1.1		mg/kg	0.16	0.048	1
Indeno(1,2,3-cd)pyrene	0.58		mg/kg	0.16	0.028	1
Dibenzo(a,h)anthracene	0.19		mg/kg	0.12	0.023	1
Benzo(ghi)perylene	0.46		mg/kg	0.16	0.023	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	80		25-120
Phenol-d6	90		10-120
Nitrobenzene-d5	106		23-120
2-Fluorobiphenyl	91		30-120
2,4,6-Tribromophenol	103		10-136
4-Terphenyl-d14	91		18-120

Project Name: DC UNITED
Project Number: 40223-004

Lab Number: L1622741
Report Date: 07/31/16

SAMPLE RESULTS

Lab ID: L1622741-04
 Client ID: DP-161-SO-010-01
 Sample Location: WASHINGTON, D.C.
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/27/16 21:27
 Analyst: PS
 Percent Solids: 79%

Date Collected: 07/21/16 08:05
 Date Received: 07/21/16
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/24/16 18:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.21	0.025	1
2-Methylnaphthalene	ND		mg/kg	0.25	0.025	1
2-Chloronaphthalene	ND		mg/kg	0.21	0.021	1
Acenaphthylene	0.23		mg/kg	0.17	0.032	1
Acenaphthene	ND		mg/kg	0.17	0.022	1
Fluorene	ND		mg/kg	0.21	0.020	1
Phenanthrene	0.069	J	mg/kg	0.12	0.025	1
Anthracene	0.072	J	mg/kg	0.12	0.041	1
Fluoranthene	0.30		mg/kg	0.12	0.024	1
Pyrene	0.31		mg/kg	0.12	0.021	1
Benzo(a)anthracene	0.30		mg/kg	0.12	0.023	1
Chrysene	0.30		mg/kg	0.12	0.022	1
Benzo(b)fluoranthene	0.55		mg/kg	0.12	0.035	1
Benzo(k)fluoranthene	0.20		mg/kg	0.12	0.033	1
Benzo(a)pyrene	0.44		mg/kg	0.17	0.051	1
Indeno(1,2,3-cd)pyrene	0.35		mg/kg	0.17	0.029	1
Dibenzo(a,h)anthracene	0.079	J	mg/kg	0.12	0.024	1
Benzo(ghi)perylene	0.31		mg/kg	0.17	0.024	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	75		25-120
Phenol-d6	87		10-120
Nitrobenzene-d5	97		23-120
2-Fluorobiphenyl	82		30-120
2,4,6-Tribromophenol	101		10-136
4-Terphenyl-d14	83		18-120

Project Name: DC UNITED
Project Number: 40223-004

Lab Number: L1622741
Report Date: 07/31/16

SAMPLE RESULTS

Lab ID: L1622741-05
 Client ID: DP-161-SO-050-01
 Sample Location: WASHINGTON, D.C.
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/27/16 21:53
 Analyst: PS
 Percent Solids: 80%

Date Collected: 07/21/16 08:10
 Date Received: 07/21/16
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/24/16 18:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.20	0.025	1
2-Methylnaphthalene	ND		mg/kg	0.24	0.025	1
2-Chloronaphthalene	ND		mg/kg	0.20	0.020	1
Acenaphthylene	ND		mg/kg	0.16	0.032	1
Acenaphthene	ND		mg/kg	0.16	0.021	1
Fluorene	ND		mg/kg	0.20	0.020	1
Phenanthrene	0.060	J	mg/kg	0.12	0.025	1
Anthracene	ND		mg/kg	0.12	0.040	1
Fluoranthene	0.12		mg/kg	0.12	0.023	1
Pyrene	0.11	J	mg/kg	0.12	0.020	1
Benzo(a)anthracene	0.069	J	mg/kg	0.12	0.023	1
Chrysene	0.069	J	mg/kg	0.12	0.021	1
Benzo(b)fluoranthene	0.085	J	mg/kg	0.12	0.034	1
Benzo(k)fluoranthene	0.036	J	mg/kg	0.12	0.033	1
Benzo(a)pyrene	0.071	J	mg/kg	0.16	0.050	1
Indeno(1,2,3-cd)pyrene	0.048	J	mg/kg	0.16	0.028	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.12	0.024	1
Benzo(ghi)perylene	0.046	J	mg/kg	0.16	0.024	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	32		25-120
Phenol-d6	81		10-120
Nitrobenzene-d5	102		23-120
2-Fluorobiphenyl	85		30-120
2,4,6-Tribromophenol	34		10-136
4-Terphenyl-d14	88		18-120

Project Name: DC UNITED
Project Number: 40223-004

Lab Number: L1622741
Report Date: 07/31/16

SAMPLE RESULTS

Lab ID: L1622741-06 D
 Client ID: DP-161-SO-100-01
 Sample Location: WASHINGTON, D.C.
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/28/16 14:04
 Analyst: PS
 Percent Solids: 72%

Date Collected: 07/21/16 08:15
 Date Received: 07/21/16
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/24/16 18:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	2.3	0.28	10
2-Methylnaphthalene	ND		mg/kg	2.7	0.28	10
2-Chloronaphthalene	ND		mg/kg	2.3	0.23	10
Acenaphthylene	ND		mg/kg	1.8	0.35	10
Acenaphthene	ND		mg/kg	1.8	0.24	10
Fluorene	ND		mg/kg	2.3	0.22	10
Phenanthrene	ND		mg/kg	1.4	0.28	10
Anthracene	ND		mg/kg	1.4	0.45	10
Fluoranthene	0.46	J	mg/kg	1.4	0.26	10
Pyrene	0.63	J	mg/kg	1.4	0.23	10
Benzo(a)anthracene	ND		mg/kg	1.4	0.26	10
Chrysene	ND		mg/kg	1.4	0.24	10
Benzo(b)fluoranthene	ND		mg/kg	1.4	0.38	10
Benzo(k)fluoranthene	ND		mg/kg	1.4	0.37	10
Benzo(a)pyrene	ND		mg/kg	1.8	0.56	10
Indeno(1,2,3-cd)pyrene	ND		mg/kg	1.8	0.32	10
Dibenzo(a,h)anthracene	ND		mg/kg	1.4	0.26	10
Benzo(ghi)perylene	ND		mg/kg	1.8	0.27	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	67		25-120
Phenol-d6	79		10-120
Nitrobenzene-d5	177	Q	23-120
2-Fluorobiphenyl	78		30-120
2,4,6-Tribromophenol	104		10-136
4-Terphenyl-d14	77		18-120

Project Name: DC UNITED
Project Number: 40223-004

Lab Number: L1622741
Report Date: 07/31/16

SAMPLE RESULTS

Lab ID: L1622741-07
 Client ID: DP-160-SO-010-01
 Sample Location: WASHINGTON, D.C.
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/27/16 22:18
 Analyst: PS
 Percent Solids: 81%

Date Collected: 07/21/16 07:40
 Date Received: 07/21/16
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/24/16 18:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.20	0.025	1
2-Methylnaphthalene	ND		mg/kg	0.24	0.024	1
2-Chloronaphthalene	ND		mg/kg	0.20	0.020	1
Acenaphthylene	ND		mg/kg	0.16	0.031	1
Acenaphthene	0.042	J	mg/kg	0.16	0.021	1
Fluorene	0.058	J	mg/kg	0.20	0.020	1
Phenanthrene	0.38		mg/kg	0.12	0.025	1
Anthracene	0.093	J	mg/kg	0.12	0.039	1
Fluoranthene	0.42		mg/kg	0.12	0.023	1
Pyrene	0.32		mg/kg	0.12	0.020	1
Benzo(a)anthracene	0.16		mg/kg	0.12	0.023	1
Chrysene	0.14		mg/kg	0.12	0.021	1
Benzo(b)fluoranthene	0.17		mg/kg	0.12	0.034	1
Benzo(k)fluoranthene	0.061	J	mg/kg	0.12	0.032	1
Benzo(a)pyrene	0.13	J	mg/kg	0.16	0.049	1
Indeno(1,2,3-cd)pyrene	0.088	J	mg/kg	0.16	0.028	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.12	0.023	1
Benzo(ghi)perylene	0.077	J	mg/kg	0.16	0.024	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	69		25-120
Phenol-d6	85		10-120
Nitrobenzene-d5	93		23-120
2-Fluorobiphenyl	70		30-120
2,4,6-Tribromophenol	85		10-136
4-Terphenyl-d14	71		18-120

Project Name: DC UNITED**Lab Number:** L1622741**Project Number:** 40223-004**Report Date:** 07/31/16**SAMPLE RESULTS**

Lab ID: L1622741-08 D2

Date Collected: 07/21/16 07:45

Client ID: DP-160-SO-050-01

Date Received: 07/21/16

Sample Location: WASHINGTON, D.C.

Field Prep: Not Specified

Matrix: Soil

Extraction Method: EPA 3546

Analytical Method: 1,8270D

Extraction Date: 07/24/16 18:00

Analytical Date: 07/31/16 11:18

Analyst: MW

Percent Solids: 80%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatile Organics by GC/MS - Westborough Lab

Fluoranthene	17.		mg/kg	0.50	0.095	4
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Project Name: DC UNITED
Project Number: 40223-004

Lab Number: L1622741
Report Date: 07/31/16

SAMPLE RESULTS

Lab ID: L1622741-08 D
 Client ID: DP-160-SO-050-01
 Sample Location: WASHINGTON, D.C.
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/29/16 14:51
 Analyst: MJS
 Percent Solids: 80%

Date Collected: 07/21/16 07:45
 Date Received: 07/21/16
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/24/16 18:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	0.46		mg/kg	0.41	0.050	2
2-Methylnaphthalene	0.22	J	mg/kg	0.50	0.050	2
2-Chloronaphthalene	ND		mg/kg	0.41	0.041	2
Acenaphthylene	0.16	J	mg/kg	0.33	0.064	2
Acenaphthene	0.89		mg/kg	0.33	0.043	2
Fluorene	1.2		mg/kg	0.41	0.040	2
Phenanthrene	8.6		mg/kg	0.25	0.050	2
Anthracene	2.9		mg/kg	0.25	0.080	2
Fluoranthene	17.	E	mg/kg	0.25	0.047	2
Pyrene	14.		mg/kg	0.25	0.041	2
Benzo(a)anthracene	8.1		mg/kg	0.25	0.046	2
Chrysene	7.8		mg/kg	0.25	0.043	2
Benzo(b)fluoranthene	12.		mg/kg	0.25	0.069	2
Benzo(k)fluoranthene	3.7		mg/kg	0.25	0.066	2
Benzo(a)pyrene	8.4		mg/kg	0.33	0.10	2
Indeno(1,2,3-cd)pyrene	6.0		mg/kg	0.33	0.058	2
Dibenzo(a,h)anthracene	1.3		mg/kg	0.25	0.048	2
Benzo(ghi)perylene	6.2		mg/kg	0.33	0.048	2

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	69		25-120
Phenol-d6	77		10-120
Nitrobenzene-d5	82		23-120
2-Fluorobiphenyl	76		30-120
2,4,6-Tribromophenol	81		10-136
4-Terphenyl-d14	84		18-120

Project Name: DC UNITED
Project Number: 40223-004

Lab Number: L1622741
Report Date: 07/31/16

SAMPLE RESULTS

Lab ID: L1622741-09 D
 Client ID: DP-160-SO-100-01
 Sample Location: WASHINGTON, D.C.
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/29/16 15:18
 Analyst: MJS
 Percent Solids: 81%

Date Collected: 07/21/16 07:50
 Date Received: 07/21/16
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/24/16 18:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	0.85	J	mg/kg	2.0	0.24	10
2-Methylnaphthalene	0.64	J	mg/kg	2.4	0.24	10
2-Chloronaphthalene	ND		mg/kg	2.0	0.20	10
Acenaphthylene	0.40	J	mg/kg	1.6	0.31	10
Acenaphthene	2.3		mg/kg	1.6	0.21	10
Fluorene	3.7		mg/kg	2.0	0.19	10
Phenanthrene	31.		mg/kg	1.2	0.24	10
Anthracene	11.		mg/kg	1.2	0.39	10
Fluoranthene	38.		mg/kg	1.2	0.23	10
Pyrene	31.		mg/kg	1.2	0.20	10
Benzo(a)anthracene	14.		mg/kg	1.2	0.22	10
Chrysene	13.		mg/kg	1.2	0.21	10
Benzo(b)fluoranthene	15.		mg/kg	1.2	0.34	10
Benzo(k)fluoranthene	5.5		mg/kg	1.2	0.32	10
Benzo(a)pyrene	13.		mg/kg	1.6	0.48	10
Indeno(1,2,3-cd)pyrene	8.4		mg/kg	1.6	0.28	10
Dibenzo(a,h)anthracene	1.9		mg/kg	1.2	0.23	10
Benzo(ghi)perylene	7.8		mg/kg	1.6	0.23	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	70		25-120
Phenol-d6	77		10-120
Nitrobenzene-d5	88		23-120
2-Fluorobiphenyl	96		30-120
2,4,6-Tribromophenol	108		10-136
4-Terphenyl-d14	110		18-120

Project Name: DC UNITED
Project Number: 40223-004

Lab Number: L1622741
Report Date: 07/31/16

SAMPLE RESULTS

Lab ID: L1622741-10
 Client ID: DP-155-SO-010-01
 Sample Location: WASHINGTON, D.C.
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/29/16 08:58
 Analyst: MW
 Percent Solids: 88%

Date Collected: 07/21/16 07:25
 Date Received: 07/21/16
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/24/16 18:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	0.11	J	mg/kg	0.19	0.023	1
2-Methylnaphthalene	0.096	J	mg/kg	0.22	0.023	1
2-Chloronaphthalene	ND		mg/kg	0.19	0.018	1
Acenaphthylene	0.11	J	mg/kg	0.15	0.029	1
Acenaphthene	ND		mg/kg	0.15	0.019	1
Fluorene	0.054	J	mg/kg	0.19	0.018	1
Phenanthrene	0.32		mg/kg	0.11	0.023	1
Anthracene	0.12		mg/kg	0.11	0.036	1
Fluoranthene	0.47		mg/kg	0.11	0.021	1
Pyrene	0.49		mg/kg	0.11	0.018	1
Benzo(a)anthracene	0.22		mg/kg	0.11	0.021	1
Chrysene	0.25		mg/kg	0.11	0.019	1
Benzo(b)fluoranthene	0.33		mg/kg	0.11	0.032	1
Benzo(k)fluoranthene	0.098	J	mg/kg	0.11	0.030	1
Benzo(a)pyrene	0.26		mg/kg	0.15	0.046	1
Indeno(1,2,3-cd)pyrene	0.20		mg/kg	0.15	0.026	1
Dibenzo(a,h)anthracene	0.052	J	mg/kg	0.11	0.022	1
Benzo(ghi)perylene	0.23		mg/kg	0.15	0.022	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	82		25-120
Phenol-d6	93		10-120
Nitrobenzene-d5	91		23-120
2-Fluorobiphenyl	85		30-120
2,4,6-Tribromophenol	101		10-136
4-Terphenyl-d14	80		18-120

Project Name: DC UNITED
Project Number: 40223-004

Lab Number: L1622741
Report Date: 07/31/16

SAMPLE RESULTS

Lab ID: L1622741-11
 Client ID: DP-155-SO-050-01
 Sample Location: WASHINGTON, D.C.
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/29/16 09:23
 Analyst: MW
 Percent Solids: 85%

Date Collected: 07/21/16 07:30
 Date Received: 07/21/16
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/24/16 18:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	0.13	J	mg/kg	0.19	0.023	1
2-Methylnaphthalene	0.20	J	mg/kg	0.23	0.023	1
2-Chloronaphthalene	ND		mg/kg	0.19	0.019	1
Acenaphthylene	0.048	J	mg/kg	0.15	0.030	1
Acenaphthene	0.24		mg/kg	0.15	0.020	1
Fluorene	0.32		mg/kg	0.19	0.019	1
Phenanthrene	1.6		mg/kg	0.11	0.023	1
Anthracene	0.45		mg/kg	0.11	0.037	1
Fluoranthene	2.1		mg/kg	0.11	0.022	1
Pyrene	1.8		mg/kg	0.11	0.019	1
Benzo(a)anthracene	0.88		mg/kg	0.11	0.022	1
Chrysene	0.82		mg/kg	0.11	0.020	1
Benzo(b)fluoranthene	0.95		mg/kg	0.11	0.032	1
Benzo(k)fluoranthene	0.35		mg/kg	0.11	0.031	1
Benzo(a)pyrene	0.73		mg/kg	0.15	0.047	1
Indeno(1,2,3-cd)pyrene	0.48		mg/kg	0.15	0.027	1
Dibenzo(a,h)anthracene	0.12		mg/kg	0.11	0.022	1
Benzo(ghi)perylene	0.46		mg/kg	0.15	0.022	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	83		25-120
Phenol-d6	91		10-120
Nitrobenzene-d5	90		23-120
2-Fluorobiphenyl	84		30-120
2,4,6-Tribromophenol	92		10-136
4-Terphenyl-d14	85		18-120

Project Name: DC UNITED
Project Number: 40223-004

Lab Number: L1622741
Report Date: 07/31/16

SAMPLE RESULTS

Lab ID: L1622741-12
 Client ID: DP-155-SO-100-01
 Sample Location: WASHINGTON, D.C.
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/28/16 16:13
 Analyst: MW
 Percent Solids: 86%

Date Collected: 07/21/16 07:35
 Date Received: 07/21/16
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/24/16 18:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.19	0.023	1
2-Methylnaphthalene	ND		mg/kg	0.23	0.023	1
2-Chloronaphthalene	ND		mg/kg	0.19	0.019	1
Acenaphthylene	ND		mg/kg	0.15	0.029	1
Acenaphthene	ND		mg/kg	0.15	0.020	1
Fluorene	ND		mg/kg	0.19	0.018	1
Phenanthrene	0.042	J	mg/kg	0.11	0.023	1
Anthracene	ND		mg/kg	0.11	0.037	1
Fluoranthene	0.055	J	mg/kg	0.11	0.022	1
Pyrene	0.045	J	mg/kg	0.11	0.019	1
Benzo(a)anthracene	0.030	J	mg/kg	0.11	0.021	1
Chrysene	0.021	J	mg/kg	0.11	0.020	1
Benzo(b)fluoranthene	ND		mg/kg	0.11	0.032	1
Benzo(k)fluoranthene	ND		mg/kg	0.11	0.030	1
Benzo(a)pyrene	0.051	J	mg/kg	0.15	0.046	1
Indeno(1,2,3-cd)pyrene	0.054	J	mg/kg	0.15	0.027	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.11	0.022	1
Benzo(ghi)perylene	ND		mg/kg	0.15	0.022	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	88		25-120
Phenol-d6	93		10-120
Nitrobenzene-d5	86		23-120
2-Fluorobiphenyl	86		30-120
2,4,6-Tribromophenol	91		10-136
4-Terphenyl-d14	88		18-120

Project Name: DC UNITED
Project Number: 40223-004

Lab Number: L1622741
Report Date: 07/31/16

SAMPLE RESULTS

Lab ID: L1622741-13 D
 Client ID: DP-154-SO-010-01
 Sample Location: WASHINGTON, D.C.
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/29/16 15:44
 Analyst: MJS
 Percent Solids: 79%

Date Collected: 07/21/16 10:40
 Date Received: 07/21/16
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/24/16 18:16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	0.51	J	mg/kg	1.0	0.13	5
2-Methylnaphthalene	0.38	J	mg/kg	1.2	0.12	5
2-Chloronaphthalene	ND		mg/kg	1.0	0.10	5
Acenaphthylene	ND		mg/kg	0.83	0.16	5
Acenaphthene	1.2		mg/kg	0.83	0.11	5
Fluorene	1.4		mg/kg	1.0	0.10	5
Phenanthrene	9.5		mg/kg	0.62	0.13	5
Anthracene	2.8		mg/kg	0.62	0.20	5
Fluoranthene	14.		mg/kg	0.62	0.12	5
Pyrene	12.		mg/kg	0.62	0.10	5
Benzo(a)anthracene	6.1		mg/kg	0.62	0.12	5
Chrysene	5.7		mg/kg	0.62	0.11	5
Benzo(b)fluoranthene	6.0		mg/kg	0.62	0.18	5
Benzo(k)fluoranthene	2.3		mg/kg	0.62	0.17	5
Benzo(a)pyrene	4.6		mg/kg	0.83	0.25	5
Indeno(1,2,3-cd)pyrene	2.7		mg/kg	0.83	0.14	5
Dibenzo(a,h)anthracene	0.80		mg/kg	0.62	0.12	5
Benzo(ghi)perylene	2.6		mg/kg	0.83	0.12	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	75		25-120
Phenol-d6	81		10-120
Nitrobenzene-d5	77		23-120
2-Fluorobiphenyl	76		30-120
2,4,6-Tribromophenol	95		10-136
4-Terphenyl-d14	83		18-120

Project Name: DC UNITED
Project Number: 40223-004

Lab Number: L1622741
Report Date: 07/31/16

SAMPLE RESULTS

Lab ID: L1622741-14 D
 Client ID: DP-154-SO-050-01
 Sample Location: WASHINGTON, D.C.
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/29/16 16:27
 Analyst: MJS
 Percent Solids: 83%

Date Collected: 07/21/16 10:45
 Date Received: 07/21/16
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/24/16 18:16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	2.2		mg/kg	0.40	0.048	2
2-Methylnaphthalene	3.1		mg/kg	0.48	0.048	2
2-Chloronaphthalene	ND		mg/kg	0.40	0.039	2
Acenaphthylene	1.1		mg/kg	0.32	0.061	2
Acenaphthene	1.4		mg/kg	0.32	0.041	2
Fluorene	2.4		mg/kg	0.40	0.038	2
Phenanthrene	5.6		mg/kg	0.24	0.048	2
Anthracene	1.0		mg/kg	0.24	0.077	2
Fluoranthene	4.2		mg/kg	0.24	0.045	2
Pyrene	4.1		mg/kg	0.24	0.039	2
Benzo(a)anthracene	2.1		mg/kg	0.24	0.044	2
Chrysene	2.2		mg/kg	0.24	0.041	2
Benzo(b)fluoranthene	2.5		mg/kg	0.24	0.067	2
Benzo(k)fluoranthene	0.96		mg/kg	0.24	0.063	2
Benzo(a)pyrene	1.7		mg/kg	0.32	0.096	2
Indeno(1,2,3-cd)pyrene	1.3		mg/kg	0.32	0.055	2
Dibenzo(a,h)anthracene	0.36		mg/kg	0.24	0.046	2
Benzo(ghi)perylene	1.3		mg/kg	0.32	0.046	2

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	69		25-120
Phenol-d6	76		10-120
Nitrobenzene-d5	150	Q	23-120
2-Fluorobiphenyl	90		30-120
2,4,6-Tribromophenol	95		10-136
4-Terphenyl-d14	85		18-120

Project Name: DC UNITED
Project Number: 40223-004

Lab Number: L1622741
Report Date: 07/31/16

SAMPLE RESULTS

Lab ID: L1622741-15
 Client ID: DP-154-SO-100-01
 Sample Location: WASHINGTON, D.C.
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/29/16 13:59
 Analyst: MW
 Percent Solids: 76%

Date Collected: 07/21/16 10:50
 Date Received: 07/21/16
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/24/16 18:16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	0.10	J	mg/kg	0.21	0.026	1
2-Methylnaphthalene	0.19	J	mg/kg	0.26	0.026	1
2-Chloronaphthalene	ND		mg/kg	0.21	0.021	1
Acenaphthylene	0.11	J	mg/kg	0.17	0.033	1
Acenaphthene	0.12	J	mg/kg	0.17	0.022	1
Fluorene	0.12	J	mg/kg	0.21	0.021	1
Phenanthrene	1.5		mg/kg	0.13	0.026	1
Anthracene	0.36		mg/kg	0.13	0.042	1
Fluoranthene	3.1		mg/kg	0.13	0.024	1
Pyrene	2.7		mg/kg	0.13	0.021	1
Benzo(a)anthracene	1.4		mg/kg	0.13	0.024	1
Chrysene	1.4		mg/kg	0.13	0.022	1
Benzo(b)fluoranthene	1.7		mg/kg	0.13	0.036	1
Benzo(k)fluoranthene	0.62		mg/kg	0.13	0.034	1
Benzo(a)pyrene	1.4		mg/kg	0.17	0.052	1
Indeno(1,2,3-cd)pyrene	1.0		mg/kg	0.17	0.030	1
Dibenzo(a,h)anthracene	0.22		mg/kg	0.13	0.025	1
Benzo(ghi)perylene	0.97		mg/kg	0.17	0.025	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	85		25-120
Phenol-d6	96		10-120
Nitrobenzene-d5	98		23-120
2-Fluorobiphenyl	84		30-120
2,4,6-Tribromophenol	96		10-136
4-Terphenyl-d14	83		18-120

Project Name: DC UNITED
Project Number: 40223-004

Lab Number: L1622741
Report Date: 07/31/16

SAMPLE RESULTS

Lab ID: L1622741-16 D
 Client ID: DP-156-SO-010-01
 Sample Location: WASHINGTON, D.C.
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/29/16 16:52
 Analyst: MJS
 Percent Solids: 80%

Date Collected: 07/21/16 10:25
 Date Received: 07/21/16
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/24/16 18:16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	0.073	J	mg/kg	0.41	0.050	2
2-Methylnaphthalene	0.052	J	mg/kg	0.49	0.050	2
2-Chloronaphthalene	ND		mg/kg	0.41	0.041	2
Acenaphthylene	0.11	J	mg/kg	0.33	0.064	2
Acenaphthene	0.15	J	mg/kg	0.33	0.043	2
Fluorene	0.15	J	mg/kg	0.41	0.040	2
Phenanthrene	1.5		mg/kg	0.25	0.050	2
Anthracene	0.44		mg/kg	0.25	0.080	2
Fluoranthene	2.6		mg/kg	0.25	0.047	2
Pyrene	2.2		mg/kg	0.25	0.041	2
Benzo(a)anthracene	1.1		mg/kg	0.25	0.046	2
Chrysene	1.0		mg/kg	0.25	0.043	2
Benzo(b)fluoranthene	1.2		mg/kg	0.25	0.069	2
Benzo(k)fluoranthene	0.41		mg/kg	0.25	0.066	2
Benzo(a)pyrene	0.94		mg/kg	0.33	0.10	2
Indeno(1,2,3-cd)pyrene	0.63		mg/kg	0.33	0.057	2
Dibenzo(a,h)anthracene	0.19	J	mg/kg	0.25	0.048	2
Benzo(ghi)perylene	0.57		mg/kg	0.33	0.048	2

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	73		25-120
Phenol-d6	80		10-120
Nitrobenzene-d5	79		23-120
2-Fluorobiphenyl	86		30-120
2,4,6-Tribromophenol	91		10-136
4-Terphenyl-d14	94		18-120

Project Name: DC UNITED
Project Number: 40223-004

Lab Number: L1622741
Report Date: 07/31/16

SAMPLE RESULTS

Lab ID: L1622741-17 D
 Client ID: DP-156-SO-050-01
 Sample Location: WASHINGTON, D.C.
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/29/16 17:16
 Analyst: MJS
 Percent Solids: 75%

Date Collected: 07/21/16 10:30
 Date Received: 07/21/16
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/24/16 18:16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	14.		mg/kg	0.44	0.053	2
2-Methylnaphthalene	7.7		mg/kg	0.52	0.053	2
2-Chloronaphthalene	ND		mg/kg	0.44	0.043	2
Acenaphthylene	0.25	J	mg/kg	0.35	0.067	2
Acenaphthene	8.7		mg/kg	0.35	0.045	2
Fluorene	4.6		mg/kg	0.44	0.042	2
Phenanthrene	3.7		mg/kg	0.26	0.053	2
Anthracene	0.93		mg/kg	0.26	0.085	2
Fluoranthene	4.8		mg/kg	0.26	0.050	2
Pyrene	4.0		mg/kg	0.26	0.043	2
Benzo(a)anthracene	2.3		mg/kg	0.26	0.049	2
Chrysene	2.1		mg/kg	0.26	0.045	2
Benzo(b)fluoranthene	2.5		mg/kg	0.26	0.074	2
Benzo(k)fluoranthene	0.89		mg/kg	0.26	0.070	2
Benzo(a)pyrene	2.0		mg/kg	0.35	0.11	2
Indeno(1,2,3-cd)pyrene	1.3		mg/kg	0.35	0.061	2
Dibenzo(a,h)anthracene	0.36		mg/kg	0.26	0.050	2
Benzo(ghi)perylene	1.2		mg/kg	0.35	0.051	2

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	77		25-120
Phenol-d6	82		10-120
Nitrobenzene-d5	81		23-120
2-Fluorobiphenyl	87		30-120
2,4,6-Tribromophenol	91		10-136
4-Terphenyl-d14	89		18-120

Project Name: DC UNITED
Project Number: 40223-004

Lab Number: L1622741
Report Date: 07/31/16

SAMPLE RESULTS

Lab ID: L1622741-18
 Client ID: DP-156-SO-100-01
 Sample Location: WASHINGTON, D.C.
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/28/16 17:03
 Analyst: MW
 Percent Solids: 61%

Date Collected: 07/21/16 10:35
 Date Received: 07/21/16
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/24/16 18:16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.27	0.032	1
2-Methylnaphthalene	ND		mg/kg	0.32	0.032	1
2-Chloronaphthalene	ND		mg/kg	0.27	0.026	1
Acenaphthylene	ND		mg/kg	0.21	0.041	1
Acenaphthene	0.056	J	mg/kg	0.21	0.028	1
Fluorene	ND		mg/kg	0.27	0.026	1
Phenanthrene	0.046	J	mg/kg	0.16	0.032	1
Anthracene	ND		mg/kg	0.16	0.052	1
Fluoranthene	0.091	J	mg/kg	0.16	0.031	1
Pyrene	0.084	J	mg/kg	0.16	0.026	1
Benzo(a)anthracene	0.058	J	mg/kg	0.16	0.030	1
Chrysene	0.051	J	mg/kg	0.16	0.028	1
Benzo(b)fluoranthene	0.075	J	mg/kg	0.16	0.045	1
Benzo(k)fluoranthene	ND		mg/kg	0.16	0.043	1
Benzo(a)pyrene	0.092	J	mg/kg	0.21	0.065	1
Indeno(1,2,3-cd)pyrene	0.097	J	mg/kg	0.21	0.037	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.16	0.031	1
Benzo(ghi)perylene	0.046	J	mg/kg	0.21	0.031	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	84		25-120
Phenol-d6	89		10-120
Nitrobenzene-d5	84		23-120
2-Fluorobiphenyl	88		30-120
2,4,6-Tribromophenol	97		10-136
4-Terphenyl-d14	96		18-120

Project Name: DC UNITED

Lab Number: L1622741

Project Number: 40223-004

Report Date: 07/31/16

SAMPLE RESULTS

Lab ID: L1622741-19 D2
 Client ID: DP-157-SO-010-01
 Sample Location: WASHINGTON, D.C.
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/31/16 11:45
 Analyst: MW
 Percent Solids: 88%

Date Collected: 07/21/16 10:05
 Date Received: 07/21/16
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/24/16 18:16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Phenanthrene	56.		mg/kg	2.2	0.45	20
Anthracene	16.		mg/kg	2.2	0.72	20
Fluoranthene	50.		mg/kg	2.2	0.42	20
Pyrene	39.		mg/kg	2.2	0.37	20
Benzo(a)anthracene	22.		mg/kg	2.2	0.42	20
Chrysene	19.		mg/kg	2.2	0.38	20
Benzo(b)fluoranthene	18.		mg/kg	2.2	0.62	20
Benzo(a)pyrene	16.		mg/kg	3.0	0.90	20

Project Name: DC UNITED

Lab Number: L1622741

Project Number: 40223-004

Report Date: 07/31/16

SAMPLE RESULTS

Lab ID: L1622741-19 D
 Client ID: DP-157-SO-010-01
 Sample Location: WASHINGTON, D.C.
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/29/16 17:41
 Analyst: MJS
 Percent Solids: 88%

Date Collected: 07/21/16 10:05
 Date Received: 07/21/16
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/24/16 18:16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	2.9		mg/kg	0.37	0.045	2
2-Methylnaphthalene	2.7		mg/kg	0.44	0.045	2
2-Chloronaphthalene	ND		mg/kg	0.37	0.037	2
Acenaphthylene	0.23	J	mg/kg	0.30	0.057	2
Acenaphthene	8.1		mg/kg	0.30	0.038	2
Fluorene	9.4		mg/kg	0.37	0.036	2
Phenanthrene	28.	E	mg/kg	0.22	0.045	2
Anthracene	16.	E	mg/kg	0.22	0.072	2
Fluoranthene	32.	E	mg/kg	0.22	0.042	2
Pyrene	30.	E	mg/kg	0.22	0.037	2
Benzo(a)anthracene	25.	E	mg/kg	0.22	0.042	2
Chrysene	20.	E	mg/kg	0.22	0.038	2
Benzo(b)fluoranthene	25.	E	mg/kg	0.22	0.062	2
Benzo(k)fluoranthene	7.2		mg/kg	0.22	0.059	2
Benzo(a)pyrene	20.	E	mg/kg	0.30	0.090	2
Indeno(1,2,3-cd)pyrene	12.		mg/kg	0.30	0.052	2
Dibenzo(a,h)anthracene	3.2		mg/kg	0.22	0.043	2
Benzo(ghi)perylene	11.		mg/kg	0.30	0.044	2

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	69		25-120
Phenol-d6	80		10-120
Nitrobenzene-d5	79		23-120
2-Fluorobiphenyl	83		30-120
2,4,6-Tribromophenol	48		10-136
4-Terphenyl-d14	97		18-120

Project Name: DC UNITED
Project Number: 40223-004

Lab Number: L1622741
Report Date: 07/31/16

SAMPLE RESULTS

Lab ID: L1622741-20
 Client ID: DP-157-SO-050-01
 Sample Location: WASHINGTON, D.C.
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/28/16 17:28
 Analyst: MW
 Percent Solids: 84%

Date Collected: 07/21/16 10:10
 Date Received: 07/21/16
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/24/16 18:16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.20	0.024	1
2-Methylnaphthalene	ND		mg/kg	0.24	0.024	1
2-Chloronaphthalene	ND		mg/kg	0.20	0.020	1
Acenaphthylene	ND		mg/kg	0.16	0.030	1
Acenaphthene	ND		mg/kg	0.16	0.020	1
Fluorene	ND		mg/kg	0.20	0.019	1
Phenanthrene	ND		mg/kg	0.12	0.024	1
Anthracene	ND		mg/kg	0.12	0.038	1
Fluoranthene	ND		mg/kg	0.12	0.023	1
Pyrene	ND		mg/kg	0.12	0.020	1
Benzo(a)anthracene	ND		mg/kg	0.12	0.022	1
Chrysene	ND		mg/kg	0.12	0.020	1
Benzo(b)fluoranthene	ND		mg/kg	0.12	0.033	1
Benzo(k)fluoranthene	ND		mg/kg	0.12	0.032	1
Benzo(a)pyrene	ND		mg/kg	0.16	0.048	1
Indeno(1,2,3-cd)pyrene	0.047	J	mg/kg	0.16	0.028	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.12	0.023	1
Benzo(ghi)perylene	ND		mg/kg	0.16	0.023	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	90		25-120
Phenol-d6	94		10-120
Nitrobenzene-d5	87		23-120
2-Fluorobiphenyl	88		30-120
2,4,6-Tribromophenol	98		10-136
4-Terphenyl-d14	92		18-120

Project Name: DC UNITED
Project Number: 40223-004

Lab Number: L1622741
Report Date: 07/31/16

SAMPLE RESULTS

Lab ID: L1622741-21
 Client ID: DP-157-SO-100-01
 Sample Location: WASHINGTON, D.C.
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/29/16 05:24
 Analyst: RC
 Percent Solids: 83%

Date Collected: 07/21/16 10:15
 Date Received: 07/21/16
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/24/16 17:59

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	0.39		mg/kg	0.20	0.024	1
2-Methylnaphthalene	0.16	J	mg/kg	0.23	0.024	1
2-Chloronaphthalene	ND		mg/kg	0.20	0.019	1
Acenaphthylene	ND		mg/kg	0.16	0.030	1
Acenaphthene	0.46		mg/kg	0.16	0.020	1
Fluorene	0.51		mg/kg	0.20	0.019	1
Phenanthrene	3.8		mg/kg	0.12	0.024	1
Anthracene	1.0		mg/kg	0.12	0.038	1
Fluoranthene	4.1		mg/kg	0.12	0.022	1
Pyrene	3.2		mg/kg	0.12	0.019	1
Benzo(a)anthracene	2.0		mg/kg	0.12	0.022	1
Chrysene	1.9		mg/kg	0.12	0.020	1
Benzo(b)fluoranthene	2.2		mg/kg	0.12	0.033	1
Benzo(k)fluoranthene	0.72		mg/kg	0.12	0.031	1
Benzo(a)pyrene	1.5		mg/kg	0.16	0.048	1
Indeno(1,2,3-cd)pyrene	0.91		mg/kg	0.16	0.027	1
Dibenzo(a,h)anthracene	0.30		mg/kg	0.12	0.022	1
Benzo(ghi)perylene	0.89		mg/kg	0.16	0.023	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	71		25-120
Phenol-d6	78		10-120
Nitrobenzene-d5	74		23-120
2-Fluorobiphenyl	81		30-120
2,4,6-Tribromophenol	82		10-136
4-Terphenyl-d14	85		18-120

Project Name: DC UNITED
Project Number: 40223-004

Lab Number: L1622741
Report Date: 07/31/16

SAMPLE RESULTS

Lab ID: L1622741-22
 Client ID: DP-163-SO-010-01
 Sample Location: WASHINGTON, D.C.
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/29/16 05:49
 Analyst: RC
 Percent Solids: 86%

Date Collected: 07/21/16 09:20
 Date Received: 07/21/16
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/24/16 17:59

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.19	0.023	1
2-Methylnaphthalene	ND		mg/kg	0.23	0.023	1
2-Chloronaphthalene	ND		mg/kg	0.19	0.019	1
Acenaphthylene	0.035	J	mg/kg	0.15	0.029	1
Acenaphthene	0.021	J	mg/kg	0.15	0.020	1
Fluorene	0.027	J	mg/kg	0.19	0.018	1
Phenanthrene	0.33		mg/kg	0.11	0.023	1
Anthracene	0.10	J	mg/kg	0.11	0.037	1
Fluoranthene	0.82		mg/kg	0.11	0.022	1
Pyrene	0.69		mg/kg	0.11	0.019	1
Benzo(a)anthracene	0.40		mg/kg	0.11	0.021	1
Chrysene	0.42		mg/kg	0.11	0.020	1
Benzo(b)fluoranthene	0.73		mg/kg	0.11	0.032	1
Benzo(k)fluoranthene	0.24		mg/kg	0.11	0.030	1
Benzo(a)pyrene	0.47		mg/kg	0.15	0.046	1
Indeno(1,2,3-cd)pyrene	0.38		mg/kg	0.15	0.026	1
Dibenzo(a,h)anthracene	0.074	J	mg/kg	0.11	0.022	1
Benzo(ghi)perylene	0.40		mg/kg	0.15	0.022	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	87		25-120
Phenol-d6	95		10-120
Nitrobenzene-d5	92		23-120
2-Fluorobiphenyl	95		30-120
2,4,6-Tribromophenol	82		10-136
4-Terphenyl-d14	94		18-120

Project Name: DC UNITED

Lab Number: L1622741

Project Number: 40223-004

Report Date: 07/31/16

SAMPLE RESULTS

Lab ID: L1622741-23 D
 Client ID: DP-163-SO-050-01
 Sample Location: WASHINGTON, D.C.
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/29/16 14:26
 Analyst: MJS
 Percent Solids: 85%

Date Collected: 07/21/16 09:25
 Date Received: 07/21/16
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/24/16 17:59

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	0.31	J	mg/kg	0.96	0.12	5
2-Methylnaphthalene	0.22	J	mg/kg	1.2	0.12	5
2-Chloronaphthalene	ND		mg/kg	0.96	0.096	5
Acenaphthylene	0.19	J	mg/kg	0.77	0.15	5
Acenaphthene	0.99		mg/kg	0.77	0.10	5
Fluorene	0.85	J	mg/kg	0.96	0.094	5
Phenanthrene	9.6		mg/kg	0.58	0.12	5
Anthracene	2.7		mg/kg	0.58	0.19	5
Fluoranthene	14.		mg/kg	0.58	0.11	5
Pyrene	11.		mg/kg	0.58	0.096	5
Benzo(a)anthracene	6.0		mg/kg	0.58	0.11	5
Chrysene	5.5		mg/kg	0.58	0.10	5
Benzo(b)fluoranthene	6.4		mg/kg	0.58	0.16	5
Benzo(k)fluoranthene	2.3		mg/kg	0.58	0.15	5
Benzo(a)pyrene	5.0		mg/kg	0.77	0.24	5
Indeno(1,2,3-cd)pyrene	3.1		mg/kg	0.77	0.13	5
Dibenzo(a,h)anthracene	0.86		mg/kg	0.58	0.11	5
Benzo(ghi)perylene	3.0		mg/kg	0.77	0.11	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	88		25-120
Phenol-d6	90		10-120
Nitrobenzene-d5	97		23-120
2-Fluorobiphenyl	87		30-120
2,4,6-Tribromophenol	99		10-136
4-Terphenyl-d14	83		18-120

Project Name: DC UNITED
Project Number: 40223-004

Lab Number: L1622741
Report Date: 07/31/16

SAMPLE RESULTS

Lab ID: L1622741-24
 Client ID: DP-163-SO-100-01
 Sample Location: WASHINGTON, D.C.
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/29/16 16:16
 Analyst: MW
 Percent Solids: 68%

Date Collected: 07/21/16 09:30
 Date Received: 07/21/16
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/24/16 17:59

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	0.040	J	mg/kg	0.24	0.030	1
2-Methylnaphthalene	0.031	J	mg/kg	0.29	0.029	1
2-Chloronaphthalene	ND		mg/kg	0.24	0.024	1
Acenaphthylene	ND		mg/kg	0.19	0.037	1
Acenaphthene	0.032	J	mg/kg	0.19	0.025	1
Fluorene	0.060	J	mg/kg	0.24	0.024	1
Phenanthrene	0.40		mg/kg	0.14	0.030	1
Anthracene	0.11	J	mg/kg	0.14	0.047	1
Fluoranthene	0.64		mg/kg	0.14	0.028	1
Pyrene	0.60		mg/kg	0.14	0.024	1
Benzo(a)anthracene	0.33		mg/kg	0.14	0.027	1
Chrysene	0.34		mg/kg	0.14	0.025	1
Benzo(b)fluoranthene	0.36		mg/kg	0.14	0.041	1
Benzo(k)fluoranthene	0.13	J	mg/kg	0.14	0.039	1
Benzo(a)pyrene	0.28		mg/kg	0.19	0.059	1
Indeno(1,2,3-cd)pyrene	0.18	J	mg/kg	0.19	0.034	1
Dibenzo(a,h)anthracene	0.045	J	mg/kg	0.14	0.028	1
Benzo(ghi)perylene	0.17	J	mg/kg	0.19	0.028	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	76		25-120
Phenol-d6	85		10-120
Nitrobenzene-d5	94		23-120
2-Fluorobiphenyl	87		30-120
2,4,6-Tribromophenol	90		10-136
4-Terphenyl-d14	79		18-120

Project Name: DC UNITED
Project Number: 40223-004

Lab Number: L1622741
Report Date: 07/31/16

SAMPLE RESULTS

Lab ID: L1622741-25
 Client ID: DP-163-SO-010-02
 Sample Location: WASHINGTON, D.C.
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/29/16 16:41
 Analyst: MW
 Percent Solids: 85%

Date Collected: 07/21/16 11:45
 Date Received: 07/21/16
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/24/16 17:59

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	0.027	J	mg/kg	0.19	0.023	1
2-Methylnaphthalene	ND		mg/kg	0.23	0.023	1
2-Chloronaphthalene	ND		mg/kg	0.19	0.019	1
Acenaphthylene	0.084	J	mg/kg	0.15	0.030	1
Acenaphthene	0.022	J	mg/kg	0.15	0.020	1
Fluorene	0.032	J	mg/kg	0.19	0.019	1
Phenanthrene	0.74		mg/kg	0.11	0.023	1
Anthracene	0.16		mg/kg	0.11	0.037	1
Fluoranthene	0.96		mg/kg	0.11	0.022	1
Pyrene	0.79		mg/kg	0.11	0.019	1
Benzo(a)anthracene	0.36		mg/kg	0.11	0.022	1
Chrysene	0.38		mg/kg	0.11	0.020	1
Benzo(b)fluoranthene	0.50		mg/kg	0.11	0.032	1
Benzo(k)fluoranthene	0.17		mg/kg	0.11	0.031	1
Benzo(a)pyrene	0.39		mg/kg	0.15	0.047	1
Indeno(1,2,3-cd)pyrene	0.30		mg/kg	0.15	0.027	1
Dibenzo(a,h)anthracene	0.073	J	mg/kg	0.11	0.022	1
Benzo(ghi)perylene	0.28		mg/kg	0.15	0.022	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	73		25-120
Phenol-d6	85		10-120
Nitrobenzene-d5	88		23-120
2-Fluorobiphenyl	86		30-120
2,4,6-Tribromophenol	87		10-136
4-Terphenyl-d14	83		18-120

Project Name: DC UNITED
Project Number: 40223-004

Lab Number: L1622741
Report Date: 07/31/16

SAMPLE RESULTS

Lab ID: L1622741-26 D
 Client ID: DP-163-SO-050-02
 Sample Location: WASHINGTON, D.C.
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/29/16 13:34
 Analyst: MJS
 Percent Solids: 83%

Date Collected: 07/21/16 11:50
 Date Received: 07/21/16
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/24/16 17:59

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	0.51		mg/kg	0.39	0.048	2
2-Methylnaphthalene	0.39	J	mg/kg	0.47	0.047	2
2-Chloronaphthalene	ND		mg/kg	0.39	0.039	2
Acenaphthylene	0.12	J	mg/kg	0.31	0.060	2
Acenaphthene	0.50		mg/kg	0.31	0.041	2
Fluorene	0.63		mg/kg	0.39	0.038	2
Phenanthrene	5.2		mg/kg	0.24	0.048	2
Anthracene	1.6		mg/kg	0.24	0.076	2
Fluoranthene	6.1		mg/kg	0.24	0.045	2
Pyrene	4.9		mg/kg	0.24	0.039	2
Benzo(a)anthracene	2.8		mg/kg	0.24	0.044	2
Chrysene	2.5		mg/kg	0.24	0.041	2
Benzo(b)fluoranthene	2.9		mg/kg	0.24	0.066	2
Benzo(k)fluoranthene	1.1		mg/kg	0.24	0.063	2
Benzo(a)pyrene	2.3		mg/kg	0.31	0.096	2
Indeno(1,2,3-cd)pyrene	1.3		mg/kg	0.31	0.055	2
Dibenzo(a,h)anthracene	0.37		mg/kg	0.24	0.045	2
Benzo(ghi)perylene	1.2		mg/kg	0.31	0.046	2

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	70		25-120
Phenol-d6	75		10-120
Nitrobenzene-d5	84		23-120
2-Fluorobiphenyl	72		30-120
2,4,6-Tribromophenol	77		10-136
4-Terphenyl-d14	70		18-120

Project Name: DC UNITED
Project Number: 40223-004

Lab Number: L1622741
Report Date: 07/31/16

SAMPLE RESULTS

Lab ID: L1622741-28 D
 Client ID: DP-156-SO-050-02
 Sample Location: WASHINGTON, D.C.
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/29/16 14:00
 Analyst: MJS
 Percent Solids: 81%

Date Collected: 07/21/16 14:05
 Date Received: 07/21/16
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/24/16 17:59

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	4.0		mg/kg	0.40	0.049	2
2-Methylnaphthalene	0.50		mg/kg	0.48	0.049	2
2-Chloronaphthalene	ND		mg/kg	0.40	0.040	2
Acenaphthylene	0.090	J	mg/kg	0.32	0.062	2
Acenaphthene	0.54		mg/kg	0.32	0.042	2
Fluorene	0.48		mg/kg	0.40	0.039	2
Phenanthrene	4.8		mg/kg	0.24	0.049	2
Anthracene	1.4		mg/kg	0.24	0.079	2
Fluoranthene	6.7		mg/kg	0.24	0.046	2
Pyrene	5.4		mg/kg	0.24	0.040	2
Benzo(a)anthracene	2.8		mg/kg	0.24	0.046	2
Chrysene	2.5		mg/kg	0.24	0.042	2
Benzo(b)fluoranthene	2.8		mg/kg	0.24	0.068	2
Benzo(k)fluoranthene	1.1		mg/kg	0.24	0.065	2
Benzo(a)pyrene	2.3		mg/kg	0.32	0.099	2
Indeno(1,2,3-cd)pyrene	1.4		mg/kg	0.32	0.056	2
Dibenzo(a,h)anthracene	0.36		mg/kg	0.24	0.047	2
Benzo(ghi)perylene	1.3		mg/kg	0.32	0.048	2

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	79		25-120
Phenol-d6	84		10-120
Nitrobenzene-d5	88		23-120
2-Fluorobiphenyl	73		30-120
2,4,6-Tribromophenol	82		10-136
4-Terphenyl-d14	72		18-120

Project Name: DC UNITED
Project Number: 40223-004

Lab Number: L1622741
Report Date: 07/31/16

SAMPLE RESULTS

Lab ID: L1622741-29
 Client ID: DP-156-SO-100-02
 Sample Location: WASHINGTON, D.C.
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/29/16 17:32
 Analyst: MW
 Percent Solids: 75%

Date Collected: 07/21/16 14:10
 Date Received: 07/21/16
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/24/16 17:59

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.22	0.027	1
2-Methylnaphthalene	ND		mg/kg	0.26	0.027	1
2-Chloronaphthalene	ND		mg/kg	0.22	0.022	1
Acenaphthylene	ND		mg/kg	0.18	0.034	1
Acenaphthene	ND		mg/kg	0.18	0.023	1
Fluorene	ND		mg/kg	0.22	0.022	1
Phenanthrene	0.13		mg/kg	0.13	0.027	1
Anthracene	ND		mg/kg	0.13	0.043	1
Fluoranthene	0.18		mg/kg	0.13	0.025	1
Pyrene	0.17		mg/kg	0.13	0.022	1
Benzo(a)anthracene	0.10	J	mg/kg	0.13	0.025	1
Chrysene	0.087	J	mg/kg	0.13	0.023	1
Benzo(b)fluoranthene	0.12	J	mg/kg	0.13	0.037	1
Benzo(k)fluoranthene	0.043	J	mg/kg	0.13	0.035	1
Benzo(a)pyrene	0.080	J	mg/kg	0.18	0.054	1
Indeno(1,2,3-cd)pyrene	0.082	J	mg/kg	0.18	0.031	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.13	0.026	1
Benzo(ghi)perylene	0.083	J	mg/kg	0.18	0.026	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	85		25-120
Phenol-d6	93		10-120
Nitrobenzene-d5	96		23-120
2-Fluorobiphenyl	83		30-120
2,4,6-Tribromophenol	95		10-136
4-Terphenyl-d14	77		18-120

Project Name: DC UNITED
Project Number: 40223-004

Lab Number: L1622741
Report Date: 07/31/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/27/16 19:47
Analyst: PS

Extraction Method: EPA 3546
Extraction Date: 07/24/16 18:00

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-20 Batch: WG916526-1					
Naphthalene	ND		mg/kg	0.16	0.020
2-Methylnaphthalene	ND		mg/kg	0.19	0.020
2-Chloronaphthalene	ND		mg/kg	0.16	0.016
Acenaphthylene	ND		mg/kg	0.13	0.025
Acenaphthene	ND		mg/kg	0.13	0.017
Fluorene	ND		mg/kg	0.16	0.016
Phenanthrene	ND		mg/kg	0.097	0.020
Anthracene	ND		mg/kg	0.097	0.032
Fluoranthene	ND		mg/kg	0.097	0.019
Pyrene	ND		mg/kg	0.097	0.016
Benzo(a)anthracene	ND		mg/kg	0.097	0.018
Chrysene	ND		mg/kg	0.097	0.017
Benzo(b)fluoranthene	ND		mg/kg	0.097	0.027
Benzo(k)fluoranthene	ND		mg/kg	0.097	0.026
Benzo(a)pyrene	ND		mg/kg	0.13	0.040
Indeno(1,2,3-cd)pyrene	ND		mg/kg	0.13	0.023
Dibenzo(a,h)anthracene	ND		mg/kg	0.097	0.019
Benzo(ghi)perylene	ND		mg/kg	0.13	0.019

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	83		25-120
Phenol-d6	93		10-120
Nitrobenzene-d5	102		23-120
2-Fluorobiphenyl	89		30-120
2,4,6-Tribromophenol	101		10-136
4-Terphenyl-d14	101		18-120



Project Name: DC UNITED
Project Number: 40223-004

Lab Number: L1622741
Report Date: 07/31/16

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8270D
Analytical Date: 07/28/16 23:06
Analyst: RC

Extraction Method: EPA 3546
Extraction Date: 07/24/16 17:59

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 21-26,28-29 Batch: WG916527-1					
Naphthalene	ND		mg/kg	0.16	0.020
2-Methylnaphthalene	ND		mg/kg	0.19	0.020
2-Chloronaphthalene	ND		mg/kg	0.16	0.016
Acenaphthylene	ND		mg/kg	0.13	0.025
Acenaphthene	ND		mg/kg	0.13	0.017
Fluorene	ND		mg/kg	0.16	0.016
Phenanthrene	ND		mg/kg	0.097	0.020
Anthracene	ND		mg/kg	0.097	0.032
Fluoranthene	ND		mg/kg	0.097	0.019
Pyrene	ND		mg/kg	0.097	0.016
Benzo(a)anthracene	ND		mg/kg	0.097	0.018
Chrysene	ND		mg/kg	0.097	0.017
Benzo(b)fluoranthene	ND		mg/kg	0.097	0.027
Benzo(k)fluoranthene	ND		mg/kg	0.097	0.026
Benzo(a)pyrene	ND		mg/kg	0.13	0.040
Indeno(1,2,3-cd)pyrene	ND		mg/kg	0.13	0.023
Dibenzo(a,h)anthracene	ND		mg/kg	0.097	0.019
Benzo(ghi)perylene	ND		mg/kg	0.13	0.019

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	71		25-120
Phenol-d6	76		10-120
Nitrobenzene-d5	68		23-120
2-Fluorobiphenyl	75		30-120
2,4,6-Tribromophenol	84		10-136
4-Terphenyl-d14	85		18-120



Lab Control Sample Analysis

Batch Quality Control

Project Name: DC UNITED

Project Number: 40223-004

Lab Number: L1622741

Report Date: 07/31/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-20 Batch: WG916526-2 WG916526-3								
Naphthalene	81		82		40-140	1		50
2-Methylnaphthalene	85		87		40-140	2		50
1-Methylnaphthalene ¹	86		88		26-130	2		50
2-Chloronaphthalene	87		88		40-140	1		50
Acenaphthylene	92		93		40-140	1		50
Acenaphthene	84		85		31-137	1		50
Fluorene	88		89		40-140	1		50
Phenanthrene	83		85		40-140	2		50
Anthracene	87		88		40-140	1		50
Fluoranthene	91		92		40-140	1		50
Pyrene	90		91		35-142	1		50
Benzo(a)anthracene	87		90		40-140	3		50
Chrysene	86		88		40-140	2		50
Benzo(b)fluoranthene	92		95		40-140	3		50
Benzo(k)fluoranthene	95		95		40-140	0		50
Benzo(a)pyrene	95		97		40-140	2		50
Indeno(1,2,3-cd)pyrene	94		97		40-140	3		50
Dibenzo(a,h)anthracene	94		97		40-140	3		50
Benzo(ghi)perylene	94		98		40-140	4		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: DC UNITED
Project Number: 40223-004

Lab Number: L1622741
Report Date: 07/31/16

Parameter	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>%Recovery</i> Limits	<i>RPD</i>	<i>Qual</i>	<i>RPD</i> Limits
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Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-20 Batch: WG916526-2 WG916526-3

<i>Surrogate</i>	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>Acceptance</i> Criteria
2-Fluorophenol	82		86		25-120
Phenol-d6	90		93		10-120
Nitrobenzene-d5	102		105		23-120
2-Fluorobiphenyl	88		90		30-120
2,4,6-Tribromophenol	96		98		10-136
4-Terphenyl-d14	90		92		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: DC UNITED

Project Number: 40223-004

Lab Number: L1622741

Report Date: 07/31/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 21-26,28-29 Batch: WG916527-2 WG916527-3								
Naphthalene	88		79		40-140	11		50
2-Methylnaphthalene	92		82		40-140	11		50
1-Methylnaphthalene ¹	85		78		26-130	9		50
2-Chloronaphthalene	93		83		40-140	11		50
Acenaphthylene	102		93		40-140	9		50
Acenaphthene	91		81		31-137	12		50
Fluorene	100		90		40-140	11		50
Phenanthrene	95		83		40-140	13		50
Anthracene	105		92		40-140	13		50
Fluoranthene	104		92		40-140	12		50
Pyrene	103		92		35-142	11		50
Benzo(a)anthracene	100		89		40-140	12		50
Chrysene	95		85		40-140	11		50
Benzo(b)fluoranthene	105		89		40-140	16		50
Benzo(k)fluoranthene	104		90		40-140	14		50
Benzo(a)pyrene	95		82		40-140	15		50
Indeno(1,2,3-cd)pyrene	95		81		40-140	16		50
Dibenzo(a,h)anthracene	108		91		40-140	17		50
Benzo(ghi)perylene	104		87		40-140	18		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: DC UNITED
Project Number: 40223-004

Lab Number: L1622741
Report Date: 07/31/16

Parameter	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>%Recovery</i> Limits	<i>RPD</i>	<i>Qual</i>	<i>RPD</i> Limits
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Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 21-26,28-29 Batch: WG916527-2 WG916527-3

<i>Surrogate</i>	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>Acceptance</i> <i>Criteria</i>
2-Fluorophenol	97		88		25-120
Phenol-d6	104		94		10-120
Nitrobenzene-d5	97		88		23-120
2-Fluorobiphenyl	98		87		30-120
2,4,6-Tribromophenol	108		98		10-136
4-Terphenyl-d14	104		91		18-120

PETROLEUM HYDROCARBONS

Project Name: DC UNITED**Lab Number:** L1622741**Project Number:** 40223-004**Report Date:** 07/31/16**SAMPLE RESULTS**

Lab ID: L1622741-01
Client ID: DP-162-SO-010-01
Sample Location: WASHINGTON, D.C.
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/24/16 14:14
Analyst: DG
Percent Solids: 81%

Date Collected: 07/21/16 08:25
Date Received: 07/21/16
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/23/16 22:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	101.		mg/kg	40.0	4.01	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	74		40-140

Project Name: DC UNITED**Lab Number:** L1622741**Project Number:** 40223-004**Report Date:** 07/31/16**SAMPLE RESULTS**

Lab ID: L1622741-01
Client ID: DP-162-SO-010-01
Sample Location: WASHINGTON, D.C.
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/26/16 15:03
Analyst: JM
Percent Solids: 81%

Date Collected: 07/21/16 08:25
Date Received: 07/21/16
Field Prep: Not Specified
Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	11.		mg/kg	3.1	0.059	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	101		70-130
4-Bromofluorobenzene	157	Q	70-130

Project Name: DC UNITED**Lab Number:** L1622741**Project Number:** 40223-004**Report Date:** 07/31/16**SAMPLE RESULTS**

Lab ID: L1622741-02
Client ID: DP-162-SO-050-01
Sample Location: WASHINGTON, D.C.
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/25/16 08:11
Analyst: DG
Percent Solids: 83%

Date Collected: 07/21/16 08:30
Date Received: 07/21/16
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/23/16 22:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	234.		mg/kg	39.3	3.94	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	86		40-140

Project Name: DC UNITED**Lab Number:** L1622741**Project Number:** 40223-004**Report Date:** 07/31/16**SAMPLE RESULTS**

Lab ID: L1622741-02
Client ID: DP-162-SO-050-01
Sample Location: WASHINGTON, D.C.
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/26/16 12:01
Analyst: JM
Percent Solids: 83%

Date Collected: 07/21/16 08:30
Date Received: 07/21/16
Field Prep: Not Specified
Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	ND		mg/kg	3.0	0.058	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	107		70-130
4-Bromofluorobenzene	100		70-130

Project Name: DC UNITED**Lab Number:** L1622741**Project Number:** 40223-004**Report Date:** 07/31/16**SAMPLE RESULTS**

Lab ID: L1622741-03
Client ID: DP-162-SO-100-01
Sample Location: WASHINGTON, D.C.
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/26/16 16:22
Analyst: JM
Percent Solids: 82%

Date Collected: 07/21/16 08:35
Date Received: 07/21/16
Field Prep: Not Specified
Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	ND		mg/kg	3.0	0.058	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	100		70-130
4-Bromofluorobenzene	100		70-130

Project Name: DC UNITED**Lab Number:** L1622741**Project Number:** 40223-004**Report Date:** 07/31/16**SAMPLE RESULTS**

Lab ID: L1622741-03 D
Client ID: DP-162-SO-100-01
Sample Location: WASHINGTON, D.C.
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/25/16 16:29
Analyst: DG
Percent Solids: 82%

Date Collected: 07/21/16 08:35
Date Received: 07/21/16
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/23/16 22:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	1310		mg/kg	197	19.7	5
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	85		40-140

Project Name: DC UNITED**Lab Number:** L1622741**Project Number:** 40223-004**Report Date:** 07/31/16**SAMPLE RESULTS**

Lab ID: L1622741-04
Client ID: DP-161-SO-010-01
Sample Location: WASHINGTON, D.C.
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/26/16 17:01
Analyst: JM
Percent Solids: 79%

Date Collected: 07/21/16 08:05
Date Received: 07/21/16
Field Prep: Not Specified
Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	ND		mg/kg	3.2	0.061	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	101		70-130
4-Bromofluorobenzene	99		70-130

Project Name: DC UNITED**Lab Number:** L1622741**Project Number:** 40223-004**Report Date:** 07/31/16**SAMPLE RESULTS**

Lab ID: L1622741-04 D
Client ID: DP-161-SO-010-01
Sample Location: WASHINGTON, D.C.
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/25/16 20:18
Analyst: DG
Percent Solids: 79%

Date Collected: 07/21/16 08:05
Date Received: 07/21/16
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/23/16 22:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	510.		mg/kg	201	20.1	5
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	86		40-140

Project Name: DC UNITED**Lab Number:** L1622741**Project Number:** 40223-004**Report Date:** 07/31/16**SAMPLE RESULTS**

Lab ID: L1622741-05
Client ID: DP-161-SO-050-01
Sample Location: WASHINGTON, D.C.
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/24/16 14:47
Analyst: DG
Percent Solids: 80%

Date Collected: 07/21/16 08:10
Date Received: 07/21/16
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/23/16 22:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	178.		mg/kg	40.1	4.02	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	83		40-140

Project Name: DC UNITED**Lab Number:** L1622741**Project Number:** 40223-004**Report Date:** 07/31/16**SAMPLE RESULTS**

Lab ID: L1622741-05
Client ID: DP-161-SO-050-01
Sample Location: WASHINGTON, D.C.
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/26/16 20:16
Analyst: JM
Percent Solids: 80%

Date Collected: 07/21/16 08:10
Date Received: 07/21/16
Field Prep: Not Specified
Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	ND		mg/kg	3.1	0.059	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	101		70-130
4-Bromofluorobenzene	100		70-130

Project Name: DC UNITED**Lab Number:** L1622741**Project Number:** 40223-004**Report Date:** 07/31/16**SAMPLE RESULTS**

Lab ID: L1622741-06
Client ID: DP-161-SO-100-01
Sample Location: WASHINGTON, D.C.
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/26/16 22:51
Analyst: JM
Percent Solids: 72%

Date Collected: 07/21/16 08:15
Date Received: 07/21/16
Field Prep: Not Specified
Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	2.0	J	mg/kg	3.5	0.067	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	99		70-130
4-Bromofluorobenzene	94		70-130

Project Name: DC UNITED**Lab Number:** L1622741**Project Number:** 40223-004**Report Date:** 07/31/16**SAMPLE RESULTS**

Lab ID: L1622741-06 D
Client ID: DP-161-SO-100-01
Sample Location: WASHINGTON, D.C.
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/26/16 20:45
Analyst: DG
Percent Solids: 72%

Date Collected: 07/21/16 08:15
Date Received: 07/21/16
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/23/16 22:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	14200		mg/kg	2270	227.	50
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	0	Q	40-140

Project Name: DC UNITED**Lab Number:** L1622741**Project Number:** 40223-004**Report Date:** 07/31/16**SAMPLE RESULTS**

Lab ID: L1622741-07
Client ID: DP-160-SO-010-01
Sample Location: WASHINGTON, D.C.
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/24/16 15:19
Analyst: DG
Percent Solids: 81%

Date Collected: 07/21/16 07:40
Date Received: 07/21/16
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/23/16 22:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	92.1		mg/kg	39.4	3.95	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	84		40-140

Project Name: DC UNITED**Lab Number:** L1622741**Project Number:** 40223-004**Report Date:** 07/31/16**SAMPLE RESULTS**

Lab ID: L1622741-07
Client ID: DP-160-SO-010-01
Sample Location: WASHINGTON, D.C.
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/26/16 20:54
Analyst: JM
Percent Solids: 81%

Date Collected: 07/21/16 07:40
Date Received: 07/21/16
Field Prep: Not Specified
Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	ND		mg/kg	3.0	0.058	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	101		70-130
4-Bromofluorobenzene	99		70-130

Project Name: DC UNITED**Lab Number:** L1622741**Project Number:** 40223-004**Report Date:** 07/31/16**SAMPLE RESULTS**

Lab ID: L1622741-08
Client ID: DP-160-SO-050-01
Sample Location: WASHINGTON, D.C.
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/26/16 21:33
Analyst: JM
Percent Solids: 80%

Date Collected: 07/21/16 07:45
Date Received: 07/21/16
Field Prep: Not Specified
Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	ND		mg/kg	3.1	0.060	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	97		70-130
4-Bromofluorobenzene	95		70-130

Project Name: DC UNITED**Lab Number:** L1622741**Project Number:** 40223-004**Report Date:** 07/31/16**SAMPLE RESULTS**

Lab ID: L1622741-08 D
Client ID: DP-160-SO-050-01
Sample Location: WASHINGTON, D.C.
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/25/16 18:40
Analyst: DG
Percent Solids: 80%

Date Collected: 07/21/16 07:45
Date Received: 07/21/16
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/23/16 22:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	3830		mg/kg	817	81.8	20
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	70		40-140

Project Name: DC UNITED**Lab Number:** L1622741**Project Number:** 40223-004**Report Date:** 07/31/16**SAMPLE RESULTS**

Lab ID: L1622741-09
Client ID: DP-160-SO-100-01
Sample Location: WASHINGTON, D.C.
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/27/16 10:05
Analyst: JM
Percent Solids: 81%

Date Collected: 07/21/16 07:50
Date Received: 07/21/16
Field Prep: Not Specified
Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	8.4		mg/kg	3.1	0.059	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	100		70-130
4-Bromofluorobenzene	96		70-130

Project Name: DC UNITED**Lab Number:** L1622741**Project Number:** 40223-004**Report Date:** 07/31/16**SAMPLE RESULTS**

Lab ID: L1622741-09 D
Client ID: DP-160-SO-100-01
Sample Location: WASHINGTON, D.C.
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/25/16 21:24
Analyst: DG
Percent Solids: 81%

Date Collected: 07/21/16 07:50
Date Received: 07/21/16
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/23/16 22:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	9460		mg/kg	2040	204.	50
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	0	Q	40-140

Project Name: DC UNITED**Lab Number:** L1622741**Project Number:** 40223-004**Report Date:** 07/31/16**SAMPLE RESULTS**

Lab ID: L1622741-10
Client ID: DP-155-SO-010-01
Sample Location: WASHINGTON, D.C.
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/26/16 22:12
Analyst: JM
Percent Solids: 88%

Date Collected: 07/21/16 07:25
Date Received: 07/21/16
Field Prep: Not Specified
Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	2.0	J	mg/kg	2.8	0.054	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	91		70-130
4-Bromofluorobenzene	87		70-130

Project Name: DC UNITED**Lab Number:** L1622741**Project Number:** 40223-004**Report Date:** 07/31/16**SAMPLE RESULTS**

Lab ID: L1622741-10 D
Client ID: DP-155-SO-010-01
Sample Location: WASHINGTON, D.C.
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/25/16 19:13
Analyst: DG
Percent Solids: 88%

Date Collected: 07/21/16 07:25
Date Received: 07/21/16
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/23/16 22:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	2810		mg/kg	364	36.4	10
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	74		40-140

Project Name: DC UNITED**Lab Number:** L1622741**Project Number:** 40223-004**Report Date:** 07/31/16**SAMPLE RESULTS**

Lab ID: L1622741-11
Client ID: DP-155-SO-050-01
Sample Location: WASHINGTON, D.C.
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/26/16 16:49
Analyst: JM
Percent Solids: 85%

Date Collected: 07/21/16 07:30
Date Received: 07/21/16
Field Prep: Not Specified
Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	15.		mg/kg	2.9	0.056	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	107		70-130
4-Bromofluorobenzene	98		70-130

Project Name: DC UNITED**Lab Number:** L1622741**Project Number:** 40223-004**Report Date:** 07/31/16**SAMPLE RESULTS**

Lab ID: L1622741-11 D
Client ID: DP-155-SO-050-01
Sample Location: WASHINGTON, D.C.
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/25/16 19:46
Analyst: DG
Percent Solids: 85%

Date Collected: 07/21/16 07:30
Date Received: 07/21/16
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/23/16 22:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	5590		mg/kg	1860	186.	50
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	0	Q	40-140

Project Name: DC UNITED**Lab Number:** L1622741**Project Number:** 40223-004**Report Date:** 07/31/16**SAMPLE RESULTS**

Lab ID: L1622741-12
Client ID: DP-155-SO-100-01
Sample Location: WASHINGTON, D.C.
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/24/16 15:52
Analyst: DG
Percent Solids: 86%

Date Collected: 07/21/16 07:35
Date Received: 07/21/16
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/23/16 22:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	37.6		mg/kg	36.8	3.69	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	83		40-140

Project Name: DC UNITED**Lab Number:** L1622741**Project Number:** 40223-004**Report Date:** 07/31/16**SAMPLE RESULTS**

Lab ID: L1622741-12
Client ID: DP-155-SO-100-01
Sample Location: WASHINGTON, D.C.
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/26/16 13:24
Analyst: JM
Percent Solids: 86%

Date Collected: 07/21/16 07:35
Date Received: 07/21/16
Field Prep: Not Specified
Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	ND		mg/kg	2.8	0.055	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	106		70-130
4-Bromofluorobenzene	98		70-130

Project Name: DC UNITED**Lab Number:** L1622741**Project Number:** 40223-004**Report Date:** 07/31/16**SAMPLE RESULTS**

Lab ID: L1622741-13
Client ID: DP-154-SO-010-01
Sample Location: WASHINGTON, D.C.
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/26/16 14:05
Analyst: JM
Percent Solids: 79%

Date Collected: 07/21/16 10:40
Date Received: 07/21/16
Field Prep: Not Specified
Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	ND		mg/kg	3.2	0.061	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	110		70-130
4-Bromofluorobenzene	102		70-130

Project Name: DC UNITED**Lab Number:** L1622741**Project Number:** 40223-004**Report Date:** 07/31/16**SAMPLE RESULTS**

Lab ID: L1622741-13 D
Client ID: DP-154-SO-010-01
Sample Location: WASHINGTON, D.C.
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/25/16 18:08
Analyst: DG
Percent Solids: 79%

Date Collected: 07/21/16 10:40
Date Received: 07/21/16
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/23/16 22:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	2890		mg/kg	412	41.3	10
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	65		40-140

Project Name: DC UNITED
Project Number: 40223-004

Lab Number: L1622741
Report Date: 07/31/16

SAMPLE RESULTS

Lab ID: L1622741-14
 Client ID: DP-154-SO-050-01
 Sample Location: WASHINGTON, D.C.
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/27/16 02:42
 Analyst: JM
 Percent Solids: 83%

Date Collected: 07/21/16 10:45
 Date Received: 07/21/16
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	47.		mg/kg	3.0	0.057	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	99		70-130
4-Bromofluorobenzene	78		70-130

Project Name: DC UNITED**Lab Number:** L1622741**Project Number:** 40223-004**Report Date:** 07/31/16**SAMPLE RESULTS**

Lab ID: L1622741-14 D
Client ID: DP-154-SO-050-01
Sample Location: WASHINGTON, D.C.
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/25/16 21:56
Analyst: DG
Percent Solids: 83%

Date Collected: 07/21/16 10:45
Date Received: 07/21/16
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/23/16 22:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	6990		mg/kg	1980	198.	50
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	0	Q	40-140

Project Name: DC UNITED**Lab Number:** L1622741**Project Number:** 40223-004**Report Date:** 07/31/16**SAMPLE RESULTS**

Lab ID: L1622741-15
Client ID: DP-154-SO-100-01
Sample Location: WASHINGTON, D.C.
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/27/16 00:58
Analyst: JM
Percent Solids: 76%

Date Collected: 07/21/16 10:50
Date Received: 07/21/16
Field Prep: Not Specified
Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	140		mg/kg	3.2	0.062	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	107		70-130
4-Bromofluorobenzene	106		70-130

Project Name: DC UNITED**Lab Number:** L1622741**Project Number:** 40223-004**Report Date:** 07/31/16**SAMPLE RESULTS**

Lab ID: L1622741-15 D
Client ID: DP-154-SO-100-01
Sample Location: WASHINGTON, D.C.
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/25/16 17:02
Analyst: DG
Percent Solids: 76%

Date Collected: 07/21/16 10:50
Date Received: 07/21/16
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/23/16 22:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	1260		mg/kg	216	21.6	5
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	88		40-140

Project Name: DC UNITED**Lab Number:** L1622741**Project Number:** 40223-004**Report Date:** 07/31/16**SAMPLE RESULTS**

Lab ID: L1622741-16
Client ID: DP-156-SO-010-01
Sample Location: WASHINGTON, D.C.
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/26/16 14:46
Analyst: JM
Percent Solids: 80%

Date Collected: 07/21/16 10:25
Date Received: 07/21/16
Field Prep: Not Specified
Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	ND		mg/kg	3.1	0.060	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	111		70-130
4-Bromofluorobenzene	103		70-130

Project Name: DC UNITED**Lab Number:** L1622741**Project Number:** 40223-004**Report Date:** 07/31/16**SAMPLE RESULTS**

Lab ID: L1622741-16 D
Client ID: DP-156-SO-010-01
Sample Location: WASHINGTON, D.C.
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/25/16 20:51
Analyst: DG
Percent Solids: 80%

Date Collected: 07/21/16 10:25
Date Received: 07/21/16
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/23/16 22:10

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	1690		mg/kg	204	20.5	5
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	81		40-140

Project Name: DC UNITED**Lab Number:** L1622741**Project Number:** 40223-004**Report Date:** 07/31/16**SAMPLE RESULTS**

Lab ID: L1622741-17
Client ID: DP-156-SO-050-01
Sample Location: WASHINGTON, D.C.
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/26/16 15:27
Analyst: JM
Percent Solids: 75%

Date Collected: 07/21/16 10:30
Date Received: 07/21/16
Field Prep: Not Specified
Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	1.4	J	mg/kg	3.2	0.061	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	107		70-130
4-Bromofluorobenzene	104		70-130

Project Name: DC UNITED**Lab Number:** L1622741**Project Number:** 40223-004**Report Date:** 07/31/16**SAMPLE RESULTS**

Lab ID: L1622741-17 D
Client ID: DP-156-SO-050-01
Sample Location: WASHINGTON, D.C.
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/25/16 00:34
Analyst: DG
Percent Solids: 75%

Date Collected: 07/21/16 10:30
Date Received: 07/21/16
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/23/16 22:10

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	587.		mg/kg	84.1	8.42	2
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	87		40-140

Project Name: DC UNITED**Lab Number:** L1622741**Project Number:** 40223-004**Report Date:** 07/31/16**SAMPLE RESULTS**

Lab ID: L1622741-18
Client ID: DP-156-SO-100-01
Sample Location: WASHINGTON, D.C.
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/24/16 21:18
Analyst: DG
Percent Solids: 61%

Date Collected: 07/21/16 10:35
Date Received: 07/21/16
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/23/16 22:10

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	11.2	J	mg/kg	53.0	5.32	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	53		40-140

Project Name: DC UNITED**Lab Number:** L1622741**Project Number:** 40223-004**Report Date:** 07/31/16**SAMPLE RESULTS**

Lab ID: L1622741-18
Client ID: DP-156-SO-100-01
Sample Location: WASHINGTON, D.C.
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/26/16 16:08
Analyst: JM
Percent Solids: 61%

Date Collected: 07/21/16 10:35
Date Received: 07/21/16
Field Prep: Not Specified
Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	2.9	J	mg/kg	4.1	0.080	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	110		70-130
4-Bromofluorobenzene	103		70-130

Project Name: DC UNITED**Lab Number:** L1622741**Project Number:** 40223-004**Report Date:** 07/31/16**SAMPLE RESULTS**

Lab ID: L1622741-19
Client ID: DP-157-SO-010-01
Sample Location: WASHINGTON, D.C.
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/26/16 23:29
Analyst: JM
Percent Solids: 88%

Date Collected: 07/21/16 10:05
Date Received: 07/21/16
Field Prep: Not Specified
Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	2.2	J	mg/kg	2.8	0.054	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	97		70-130
4-Bromofluorobenzene	88		70-130

Project Name: DC UNITED**Lab Number:** L1622741**Project Number:** 40223-004**Report Date:** 07/31/16**SAMPLE RESULTS**

Lab ID: L1622741-19 D
Client ID: DP-157-SO-010-01
Sample Location: WASHINGTON, D.C.
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/25/16 01:06
Analyst: DG
Percent Solids: 88%

Date Collected: 07/21/16 10:05
Date Received: 07/21/16
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/23/16 22:10

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	595.		mg/kg	73.7	7.39	2
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	87		40-140

Project Name: DC UNITED**Lab Number:** L1622741**Project Number:** 40223-004**Report Date:** 07/31/16**SAMPLE RESULTS**

Lab ID: L1622741-20
Client ID: DP-157-SO-050-01
Sample Location: WASHINGTON, D.C.
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/24/16 21:50
Analyst: DG
Percent Solids: 84%

Date Collected: 07/21/16 10:10
Date Received: 07/21/16
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/23/16 22:10

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	9.49	J	mg/kg	38.0	3.81	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	93		40-140

Project Name: DC UNITED**Lab Number:** L1622741**Project Number:** 40223-004**Report Date:** 07/31/16**SAMPLE RESULTS**

Lab ID: L1622741-20
Client ID: DP-157-SO-050-01
Sample Location: WASHINGTON, D.C.
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/27/16 00:08
Analyst: JM
Percent Solids: 84%

Date Collected: 07/21/16 10:10
Date Received: 07/21/16
Field Prep: Not Specified
Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	0.73	J	mg/kg	2.9	0.056	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	98		70-130
4-Bromofluorobenzene	93		70-130

Project Name: DC UNITED**Lab Number:** L1622741**Project Number:** 40223-004**Report Date:** 07/31/16**SAMPLE RESULTS**

Lab ID: L1622741-21
Client ID: DP-157-SO-100-01
Sample Location: WASHINGTON, D.C.
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/24/16 22:23
Analyst: DG
Percent Solids: 83%

Date Collected: 07/21/16 10:15
Date Received: 07/21/16
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/23/16 22:10

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	32.4	J	mg/kg	38.6	3.87	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	89		40-140

Project Name: DC UNITED**Lab Number:** L1622741**Project Number:** 40223-004**Report Date:** 07/31/16**SAMPLE RESULTS**

Lab ID: L1622741-21
Client ID: DP-157-SO-100-01
Sample Location: WASHINGTON, D.C.
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/27/16 00:47
Analyst: JM
Percent Solids: 83%

Date Collected: 07/21/16 10:15
Date Received: 07/21/16
Field Prep: Not Specified
Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	0.72	J	mg/kg	3.0	0.058	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	99		70-130
4-Bromofluorobenzene	95		70-130

Project Name: DC UNITED**Lab Number:** L1622741**Project Number:** 40223-004**Report Date:** 07/31/16**SAMPLE RESULTS**

Lab ID: L1622741-22
Client ID: DP-163-SO-010-01
Sample Location: WASHINGTON, D.C.
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/27/16 01:25
Analyst: JM
Percent Solids: 86%

Date Collected: 07/21/16 09:20
Date Received: 07/21/16
Field Prep: Not Specified
Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	ND		mg/kg	2.9	0.056	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	99		70-130
4-Bromofluorobenzene	93		70-130

Project Name: DC UNITED**Lab Number:** L1622741**Project Number:** 40223-004**Report Date:** 07/31/16**SAMPLE RESULTS**

Lab ID: L1622741-22 D
Client ID: DP-163-SO-010-01
Sample Location: WASHINGTON, D.C.
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/25/16 17:35
Analyst: DG
Percent Solids: 86%

Date Collected: 07/21/16 09:20
Date Received: 07/21/16
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/23/16 22:10

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	433.		mg/kg	76.3	7.64	2
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	87		40-140

Project Name: DC UNITED
Project Number: 40223-004

Lab Number: L1622741
Report Date: 07/31/16

SAMPLE RESULTS

Lab ID: L1622741-23
 Client ID: DP-163-SO-050-01
 Sample Location: WASHINGTON, D.C.
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/27/16 02:04
 Analyst: JM
 Percent Solids: 85%

Date Collected: 07/21/16 09:25
 Date Received: 07/21/16
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	ND		mg/kg	2.9	0.056	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	98		70-130
4-Bromofluorobenzene	92		70-130

Project Name: DC UNITED**Lab Number:** L1622741**Project Number:** 40223-004**Report Date:** 07/31/16**SAMPLE RESULTS**

Lab ID: L1622741-23 D
Client ID: DP-163-SO-050-01
Sample Location: WASHINGTON, D.C.
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/25/16 04:23
Analyst: DG
Percent Solids: 85%

Date Collected: 07/21/16 09:25
Date Received: 07/21/16
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/23/16 22:10

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	700.		mg/kg	77.8	7.79	2
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	82		40-140

Project Name: DC UNITED**Lab Number:** L1622741**Project Number:** 40223-004**Report Date:** 07/31/16**SAMPLE RESULTS**

Lab ID: L1622741-24
Client ID: DP-163-SO-100-01
Sample Location: WASHINGTON, D.C.
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/25/16 05:28
Analyst: DG
Percent Solids: 68%

Date Collected: 07/21/16 09:30
Date Received: 07/21/16
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/23/16 22:10

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	169.		mg/kg	48.0	4.81	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	85		40-140

Project Name: DC UNITED**Lab Number:** L1622741**Project Number:** 40223-004**Report Date:** 07/31/16**SAMPLE RESULTS**

Lab ID: L1622741-24
Client ID: DP-163-SO-100-01
Sample Location: WASHINGTON, D.C.
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/26/16 20:54
Analyst: JM
Percent Solids: 68%

Date Collected: 07/21/16 09:30
Date Received: 07/21/16
Field Prep: Not Specified
Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	ND		mg/kg	3.7	0.071	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	107		70-130
4-Bromofluorobenzene	102		70-130

Project Name: DC UNITED**Lab Number:** L1622741**Project Number:** 40223-004**Report Date:** 07/31/16**SAMPLE RESULTS**

Lab ID: L1622741-25
Client ID: DP-163-SO-010-02
Sample Location: WASHINGTON, D.C.
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/25/16 06:00
Analyst: DG
Percent Solids: 85%

Date Collected: 07/21/16 11:45
Date Received: 07/21/16
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/23/16 22:10

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	208.		mg/kg	38.0	3.80	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	80		40-140

Project Name: DC UNITED**Lab Number:** L1622741**Project Number:** 40223-004**Report Date:** 07/31/16**SAMPLE RESULTS**

Lab ID: L1622741-25
Client ID: DP-163-SO-010-02
Sample Location: WASHINGTON, D.C.
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/26/16 21:35
Analyst: JM
Percent Solids: 85%

Date Collected: 07/21/16 11:45
Date Received: 07/21/16
Field Prep: Not Specified
Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	ND		mg/kg	2.9	0.056	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	105		70-130
4-Bromofluorobenzene	101		70-130

Project Name: DC UNITED**Lab Number:** L1622741**Project Number:** 40223-004**Report Date:** 07/31/16**SAMPLE RESULTS**

Lab ID: L1622741-26
Client ID: DP-163-SO-050-02
Sample Location: WASHINGTON, D.C.
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/25/16 07:06
Analyst: DG
Percent Solids: 83%

Date Collected: 07/21/16 11:50
Date Received: 07/21/16
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/23/16 22:10

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	199.		mg/kg	39.1	3.92	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	88		40-140

Project Name: DC UNITED**Lab Number:** L1622741**Project Number:** 40223-004**Report Date:** 07/31/16**SAMPLE RESULTS**

Lab ID: L1622741-26
Client ID: DP-163-SO-050-02
Sample Location: WASHINGTON, D.C.
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/26/16 22:16
Analyst: JM
Percent Solids: 83%

Date Collected: 07/21/16 11:50
Date Received: 07/21/16
Field Prep: Not Specified
Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	ND		mg/kg	3.0	0.058	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	106		70-130
4-Bromofluorobenzene	99		70-130

Project Name: DC UNITED**Lab Number:** L1622741**Project Number:** 40223-004**Report Date:** 07/31/16**SAMPLE RESULTS**

Lab ID: L1622741-28
Client ID: DP-156-SO-050-02
Sample Location: WASHINGTON, D.C.
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/26/16 23:37
Analyst: JM
Percent Solids: 81%

Date Collected: 07/21/16 14:05
Date Received: 07/21/16
Field Prep: Not Specified
Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	40.		mg/kg	3.1	0.060	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	108		70-130
4-Bromofluorobenzene	117		70-130

Project Name: DC UNITED**Lab Number:** L1622741**Project Number:** 40223-004**Report Date:** 07/31/16**SAMPLE RESULTS**

Lab ID: L1622741-28 D
Client ID: DP-156-SO-050-02
Sample Location: WASHINGTON, D.C.
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/26/16 20:13
Analyst: DG
Percent Solids: 81%

Date Collected: 07/21/16 14:05
Date Received: 07/21/16
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/23/16 23:14

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	498.		mg/kg	82.4	8.26	2
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	89		40-140

Project Name: DC UNITED**Lab Number:** L1622741**Project Number:** 40223-004**Report Date:** 07/31/16**SAMPLE RESULTS**

Lab ID: L1622741-29
Client ID: DP-156-SO-100-02
Sample Location: WASHINGTON, D.C.
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/24/16 23:28
Analyst: DG
Percent Solids: 75%

Date Collected: 07/21/16 14:10
Date Received: 07/21/16
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/23/16 23:14

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	87.4		mg/kg	44.3	4.44	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	90		40-140

Project Name: DC UNITED**Lab Number:** L1622741**Project Number:** 40223-004**Report Date:** 07/31/16**SAMPLE RESULTS**

Lab ID: L1622741-29
Client ID: DP-156-SO-100-02
Sample Location: WASHINGTON, D.C.
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/27/16 00:18
Analyst: JM
Percent Solids: 75%

Date Collected: 07/21/16 14:10
Date Received: 07/21/16
Field Prep: Not Specified
Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	3.9		mg/kg	3.3	0.064	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	105		70-130
4-Bromofluorobenzene	104		70-130

Project Name: DC UNITED**Lab Number:** L1622741**Project Number:** 40223-004**Report Date:** 07/31/16**SAMPLE RESULTS**

Lab ID: L1622741-30
Client ID: EB-072116
Sample Location: WASHINGTON, D.C.
Matrix: Water
Analytical Method: 1,8015C(M)
Analytical Date: 07/24/16 18:35
Analyst: DG

Date Collected: 07/21/16 00:00
Date Received: 07/21/16
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 07/23/16 17:28

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	166	J	ug/l	500	43.1	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	83		40-140

Project Name: DC UNITED**Lab Number:** L1622741**Project Number:** 40223-004**Report Date:** 07/31/16**SAMPLE RESULTS**

Lab ID: L1622741-30
Client ID: EB-072116
Sample Location: WASHINGTON, D.C.
Matrix: Water
Analytical Method: 1,8015C(M)
Analytical Date: 07/26/16 10:31
Analyst: JM

Date Collected: 07/21/16 00:00
Date Received: 07/21/16
Field Prep: Not Specified
Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	ND		ug/l	50	3.0	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	101		70-130
4-Bromofluorobenzene	110		70-130

Project Name: DC UNITED

Lab Number: L1622741

Project Number: 40223-004

Report Date: 07/31/16

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8015C(M)
 Analytical Date: 07/24/16 17:30
 Analyst: DG

Extraction Method: EPA 3510C
 Extraction Date: 07/23/16 17:28

Parameter	Result	Qualifier	Units	RL	MDL
Petroleum Hydrocarbon Quantitation - Westborough Lab for sample(s): 30 Batch: WG916399-1					
DROD (C9-C44)	370	J	ug/l	500	43.1

Surrogate	%Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	89		40-140

Project Name: DC UNITED

Lab Number: L1622741

Project Number: 40223-004

Report Date: 07/31/16

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8015C(M)
 Analytical Date: 07/24/16 12:04
 Analyst: DG

Extraction Method: EPA 3546
 Extraction Date: 07/23/16 22:06

Parameter	Result	Qualifier	Units	RL	MDL
Petroleum Hydrocarbon Quantitation - Westborough Lab for sample(s): 01-15 Batch: WG916435-1					
DROD (C9-C44)	3.90	J	mg/kg	31.7	3.18

Surrogate	%Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	71		40-140

Project Name: DC UNITED

Lab Number: L1622741

Project Number: 40223-004

Report Date: 07/31/16

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8015C(M)
 Analytical Date: 07/24/16 19:07
 Analyst: DG

Extraction Method: EPA 3546
 Extraction Date: 07/23/16 22:10

Parameter	Result	Qualifier	Units	RL	MDL
Petroleum Hydrocarbon Quantitation - Westborough Lab for sample(s): 16-26,28-29 Batch: WG916436-1					
DROD (C9-C44)	5.91	J	mg/kg	31.9	3.20

Surrogate	%Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	89		40-140

Project Name: DC UNITED

Lab Number: L1622741

Project Number: 40223-004

Report Date: 07/31/16

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8015C(M)
 Analytical Date: 07/27/16 09:24
 Analyst: JM

Parameter	Result	Qualifier	Units	RL	MDL
Gasoline Range Organics - Westborough Lab for sample(s): 09 Batch: WG917372-11					
Gasoline Range Organics	ND		mg/kg	2.5	0.048

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	112		70-130
4-Bromofluorobenzene	102		70-130

Project Name: DC UNITED

Lab Number: L1622741

Project Number: 40223-004

Report Date: 07/31/16

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8015C(M)
 Analytical Date: 07/26/16 09:59
 Analyst: JM

Parameter	Result	Qualifier	Units	RL	MDL
Gasoline Range Organics - Westborough Lab for sample(s): 02,11-13,16-18 Batch: WG917372-3					
Gasoline Range Organics	ND		mg/kg	2.5	0.048

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	97		70-130
4-Bromofluorobenzene	93		70-130

Project Name: DC UNITED

Lab Number: L1622741

Project Number: 40223-004

Report Date: 07/31/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8015C(M)
 Analytical Date: 07/26/16 20:13
 Analyst: JM

Parameter	Result	Qualifier	Units	RL	MDL
Gasoline Range Organics - Westborough Lab for sample(s): 15,24-26,28-29 Batch: WG917372-8					
Gasoline Range Organics	ND		mg/kg	2.5	0.048

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	111		70-130
4-Bromofluorobenzene	102		70-130

Project Name: DC UNITED

Lab Number: L1622741

Project Number: 40223-004

Report Date: 07/31/16

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8015C(M)
 Analytical Date: 07/26/16 09:52
 Analyst: JM

Parameter	Result	Qualifier	Units	RL	MDL
Gasoline Range Organics - Westborough Lab for sample(s): 01,03-04 Batch: WG917392-3					
Gasoline Range Organics	ND		mg/kg	2.5	0.048

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	108		70-130
4-Bromofluorobenzene	111		70-130

Project Name: DC UNITED

Lab Number: L1622741

Project Number: 40223-004

Report Date: 07/31/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8015C(M)
 Analytical Date: 07/26/16 19:37
 Analyst: JM

Parameter	Result	Qualifier	Units	RL	MDL
Gasoline Range Organics - Westborough Lab for sample(s): 05-08,10,14,19-23 Batch: WG917392-8					
Gasoline Range Organics	ND		mg/kg	2.5	0.048

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	97		70-130
4-Bromofluorobenzene	101		70-130

Project Name: DC UNITED

Lab Number: L1622741

Project Number: 40223-004

Report Date: 07/31/16

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8015C(M)
 Analytical Date: 07/26/16 09:52
 Analyst: JM

Parameter	Result	Qualifier	Units	RL	MDL
Gasoline Range Organics - Westborough Lab for sample(s): 30 Batch: WG917450-3					
Gasoline Range Organics	ND		ug/l	50	3.0

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	108		70-130
4-Bromofluorobenzene	111		70-130

Lab Control Sample Analysis Batch Quality Control

Project Name: DC UNITED
Project Number: 40223-004

Lab Number: L1622741
Report Date: 07/31/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Petroleum Hydrocarbon Quantitation - Westborough Lab Associated sample(s): 30 Batch: WG916399-2								
Total Petroleum Hydrocarbons (C9-C44)	106		-		40-140	-		40

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
o-Terphenyl	81				40-140

Lab Control Sample Analysis Batch Quality Control

Project Name: DC UNITED
Project Number: 40223-004

Lab Number: L1622741
Report Date: 07/31/16

Parameter	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>%Recovery</i> Limits	<i>RPD</i>	<i>Qual</i>	<i>RPD</i> Limits
Petroleum Hydrocarbon Quantitation - Westborough Lab Associated sample(s): 01-15 Batch: WG916435-2								
Total Petroleum Hydrocarbons (C9-C44)	104		-		40-140	-		40

<i>Surrogate</i>	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>Acceptance</i> <i>Criteria</i>
o-Terphenyl	84				40-140

Lab Control Sample Analysis Batch Quality Control

Project Name: DC UNITED
Project Number: 40223-004

Lab Number: L1622741
Report Date: 07/31/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Petroleum Hydrocarbon Quantitation - Westborough Lab Associated sample(s): 16-26,28-29 Batch: WG916436-2								
Total Petroleum Hydrocarbons (C9-C44)	104		-		40-140	-		40

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
o-Terphenyl	87				40-140

Lab Control Sample Analysis Batch Quality Control

Project Name: DC UNITED
Project Number: 40223-004

Lab Number: L1622741
Report Date: 07/31/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Gasoline Range Organics - Westborough Lab Associated sample(s): 02,11-13,16-18 Batch: WG917372-1 WG917372-2								
Gasoline Range Organics	100		98		80-120	2		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,1,1-Trifluorotoluene	113		112		70-130
4-Bromofluorobenzene	104		102		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: DC UNITED
Project Number: 40223-004

Lab Number: L1622741
Report Date: 07/31/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Gasoline Range Organics - Westborough Lab Associated sample(s): 15,24-26,28-29 Batch: WG917372-6 WG917372-7								
Gasoline Range Organics	99		100		80-120	1		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,1,1-Trifluorotoluene	112		113		70-130
4-Bromofluorobenzene	103		104		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: DC UNITED
Project Number: 40223-004

Lab Number: L1622741
Report Date: 07/31/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Gasoline Range Organics - Westborough Lab Associated sample(s): 09 Batch: WG917372-9 WG917372-10								
Gasoline Range Organics	102		102		80-120	0		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,1,1-Trifluorotoluene	116		115		70-130
4-Bromofluorobenzene	108		106		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: DC UNITED
Project Number: 40223-004

Lab Number: L1622741
Report Date: 07/31/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Gasoline Range Organics - Westborough Lab Associated sample(s): 01,03-04 Batch: WG917392-1 WG917392-2								
Gasoline Range Organics	94		95		80-120	1		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,1,1-Trifluorotoluene	108		109		70-130
4-Bromofluorobenzene	112		118		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: DC UNITED
Project Number: 40223-004

Lab Number: L1622741
Report Date: 07/31/16

Parameter	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>%Recovery</i> Limits	<i>RPD</i>	<i>Qual</i>	<i>RPD</i> Limits
Gasoline Range Organics - Westborough Lab Associated sample(s): 05-08,10,14,19-23 Batch: WG917392-6 WG917392-7								
Gasoline Range Organics	94		93		80-120	1		20

<i>Surrogate</i>	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>Acceptance</i> <i>Criteria</i>
1,1,1-Trifluorotoluene	108		107		70-130
4-Bromofluorobenzene	111		111		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: DC UNITED
Project Number: 40223-004

Lab Number: L1622741
Report Date: 07/31/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Gasoline Range Organics - Westborough Lab Associated sample(s): 30 Batch: WG917450-1 WG917450-2								
Gasoline Range Organics	94		95		80-120	1		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,1,1-Trifluorotoluene	108		109		70-130
4-Bromofluorobenzene	112		118		70-130

Matrix Spike Analysis Batch Quality Control

Project Name: DC UNITED
Project Number: 40223-004

Lab Number: L1622741
Report Date: 07/31/16

<i>Parameter</i>	<i>Native Sample</i>	<i>MS Added</i>	<i>MS Found</i>	<i>MS %Recovery</i>	<i>Qual</i>	<i>MSD Found</i>	<i>MSD %Recovery</i>	<i>Qual</i>	<i>Recovery Limits</i>	<i>RPD</i>	<i>Qual</i>	<i>RPD Limits</i>
Gasoline Range Organics - Westborough Lab Associated sample(s): 02,09,11-13,15-18,24-26,28-29 QC Batch ID: WG917372-5 QC Sample: L1622741-02 Client ID: DP-162-SO-050-01												
Gasoline Range Organics	ND	24	24	102		-	-		80-120	-		20

<i>Surrogate</i>	<i>MS</i>		<i>MSD</i>		<i>Acceptance Criteria</i>
	<i>% Recovery</i>	<i>Qualifier</i>	<i>% Recovery</i>	<i>Qualifier</i>	
1,1,1-Trifluorotoluene	110				70-130
4-Bromofluorobenzene	103				70-130



Matrix Spike Analysis Batch Quality Control

Project Name: DC UNITED
Project Number: 40223-004

Lab Number: L1622741
Report Date: 07/31/16

<i>Parameter</i>	<i>Native Sample</i>	<i>MS Added</i>	<i>MS Found</i>	<i>MS %Recovery</i>	<i>Qual</i>	<i>MSD Found</i>	<i>MSD %Recovery</i>	<i>Qual</i>	<i>Recovery Limits</i>	<i>RPD</i>	<i>Qual</i>	<i>RPD Limits</i>
Gasoline Range Organics - Westborough Lab Associated sample(s): 01,03-08,10,14,19-23 QC Batch ID: WG917392-5 QC Sample: L1622741-01 Client ID: DP-162-SO-010-01												
Gasoline Range Organics	11	24.6	31	81		-	-		80-120	-		20

<i>Surrogate</i>	<i>MS</i>		<i>MSD</i>		<i>Acceptance Criteria</i>
	<i>% Recovery</i>	<i>Qualifier</i>	<i>% Recovery</i>	<i>Qualifier</i>	
1,1,1-Trifluorotoluene	101				70-130
4-Bromofluorobenzene	151	Q			70-130



Lab Duplicate Analysis
Batch Quality Control

Project Name: DC UNITED
Project Number: 40223-004

Lab Number: L1622741
Report Date: 07/31/16

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Petroleum Hydrocarbon Quantitation - Westborough Lab Associated sample(s): 30 QC Batch ID: WG916399-3 QC Sample: L1622741-30 Client ID: EB-072116						

DROD (C9-C44)	166.J	242J	ug/l	NC		40
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Surrogate	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	83		83		40-140

Petroleum Hydrocarbon Quantitation - Westborough Lab Associated sample(s): 01-15 QC Batch ID: WG916435-3 QC Sample: L1622741-03 Client ID: DP-162-SO-100-01						
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DROD (C9-C44)	1310	1030	mg/kg	24		40
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Surrogate	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	85		78		40-140



Lab Duplicate Analysis
Batch Quality Control

Project Name: DC UNITED

Project Number: 40223-004

Lab Number: L1622741

Report Date: 07/31/16

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Petroleum Hydrocarbon Quantitation - Westborough Lab Associated sample(s): 16-26,28-29 QC Batch ID: WG916436-3 QC Sample: L1622741-18 Client ID: DP-156-SO-100-01					
DROD (C9-C44)	11.2J	15.8J	mg/kg	NC	40

Surrogate	%Recovery Qualifier	%Recovery Qualifier	Acceptance Criteria
o-Terphenyl	53	92	40-140



Lab Duplicate Analysis
Batch Quality Control

Project Name: DC UNITED
Project Number: 40223-004

Lab Number: L1622741
Report Date: 07/31/16

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Gasoline Range Organics - Westborough Lab Associated sample(s): 02,09,11-13,15-18,24-26,28-29 QC Batch ID: WG917372-4 QC Sample: L1622741-02 Client ID: DP-162-SO-050-01					
Gasoline Range Organics	ND	ND	mg/kg	NC	20

Surrogate	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	107		106		70-130
4-Bromofluorobenzene	100		100		70-130



Lab Duplicate Analysis
Batch Quality Control

Project Name: DC UNITED
Project Number: 40223-004

Lab Number: L1622741
Report Date: 07/31/16

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Gasoline Range Organics - Westborough Lab Associated sample(s): 01,03-08,10,14,19-23 QC Batch ID: WG917392-4 QC Sample: L1622741-01 Client ID: DP-162-SO-010-01					
Gasoline Range Organics	11	13	mg/kg	14	20

Surrogate	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	101		105		70-130
4-Bromofluorobenzene	157	Q	170	Q	70-130



PCBS

Project Name: DC UNITED

Lab Number: L1622741

Project Number: 40223-004

Report Date: 07/31/16

SAMPLE RESULTS

Lab ID: L1622741-01
 Client ID: DP-162-SO-010-01
 Sample Location: WASHINGTON, D.C.
 Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 07/24/16 12:44
 Analyst: JA
 Percent Solids: 81%

Date Collected: 07/21/16 08:25
 Date Received: 07/21/16
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/23/16 23:59
 Cleanup Method: EPA 3665A
 Cleanup Date: 07/24/16
 Cleanup Method: EPA 3660B
 Cleanup Date: 07/24/16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		mg/kg	0.0392	0.00309	1	A
Aroclor 1221	ND		mg/kg	0.0392	0.00361	1	A
Aroclor 1232	ND		mg/kg	0.0392	0.00459	1	A
Aroclor 1242	ND		mg/kg	0.0392	0.00479	1	A
Aroclor 1248	ND		mg/kg	0.0392	0.00331	1	A
Aroclor 1254	ND		mg/kg	0.0392	0.00322	1	A
Aroclor 1260	0.221		mg/kg	0.0392	0.00298	1	A
Aroclor 1262	ND		mg/kg	0.0392	0.00194	1	A
Aroclor 1268	ND		mg/kg	0.0392	0.00568	1	A
PCBs, Total	0.221		mg/kg	0.0392	0.00194	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	65		30-150	A
Decachlorobiphenyl	62		30-150	A
2,4,5,6-Tetrachloro-m-xylene	59		30-150	B
Decachlorobiphenyl	68		30-150	B

Project Name: DC UNITED

Lab Number: L1622741

Project Number: 40223-004

Report Date: 07/31/16

SAMPLE RESULTS

Lab ID: L1622741-02
 Client ID: DP-162-SO-050-01
 Sample Location: WASHINGTON, D.C.
 Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 07/24/16 12:57
 Analyst: JA
 Percent Solids: 83%

Date Collected: 07/21/16 08:30
 Date Received: 07/21/16
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/23/16 23:59
 Cleanup Method: EPA 3665A
 Cleanup Date: 07/24/16
 Cleanup Method: EPA 3660B
 Cleanup Date: 07/24/16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		mg/kg	0.0378	0.00299	1	A
Aroclor 1221	ND		mg/kg	0.0378	0.00349	1	A
Aroclor 1232	ND		mg/kg	0.0378	0.00444	1	A
Aroclor 1242	ND		mg/kg	0.0378	0.00463	1	A
Aroclor 1248	ND		mg/kg	0.0378	0.00319	1	A
Aroclor 1254	0.0765		mg/kg	0.0378	0.00311	1	A
Aroclor 1260	0.0648		mg/kg	0.0378	0.00288	1	B
Aroclor 1262	ND		mg/kg	0.0378	0.00188	1	A
Aroclor 1268	ND		mg/kg	0.0378	0.00549	1	A
PCBs, Total	0.141		mg/kg	0.0378	0.00188	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	56		30-150	A
Decachlorobiphenyl	62		30-150	A
2,4,5,6-Tetrachloro-m-xylene	53		30-150	B
Decachlorobiphenyl	64		30-150	B

Project Name: DC UNITED
Project Number: 40223-004

Lab Number: L1622741
Report Date: 07/31/16

SAMPLE RESULTS

Lab ID: L1622741-03
Client ID: DP-162-SO-100-01
Sample Location: WASHINGTON, D.C.
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 07/24/16 13:10
Analyst: JA
Percent Solids: 82%

Date Collected: 07/21/16 08:35
Date Received: 07/21/16
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/23/16 23:59
Cleanup Method: EPA 3665A
Cleanup Date: 07/24/16
Cleanup Method: EPA 3660B
Cleanup Date: 07/24/16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		mg/kg	0.0392	0.00310	1	A
Aroclor 1221	ND		mg/kg	0.0392	0.00361	1	A
Aroclor 1232	ND		mg/kg	0.0392	0.00459	1	A
Aroclor 1242	ND		mg/kg	0.0392	0.00480	1	A
Aroclor 1248	ND		mg/kg	0.0392	0.00331	1	A
Aroclor 1254	0.0260	J	mg/kg	0.0392	0.00322	1	A
Aroclor 1260	0.0317	J	mg/kg	0.0392	0.00299	1	A
Aroclor 1262	ND		mg/kg	0.0392	0.00194	1	A
Aroclor 1268	ND		mg/kg	0.0392	0.00568	1	A
PCBs, Total	0.0577	J	mg/kg	0.0392	0.00194	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	42		30-150	A
Decachlorobiphenyl	46		30-150	A
2,4,5,6-Tetrachloro-m-xylene	41		30-150	B
Decachlorobiphenyl	52		30-150	B

Project Name: DC UNITED

Lab Number: L1622741

Project Number: 40223-004

Report Date: 07/31/16

SAMPLE RESULTS

Lab ID: L1622741-04
 Client ID: DP-161-SO-010-01
 Sample Location: WASHINGTON, D.C.
 Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 07/24/16 13:24
 Analyst: JA
 Percent Solids: 79%

Date Collected: 07/21/16 08:05
 Date Received: 07/21/16
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/23/16 23:59
 Cleanup Method: EPA 3665A
 Cleanup Date: 07/24/16
 Cleanup Method: EPA 3660B
 Cleanup Date: 07/24/16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		mg/kg	0.0420	0.00332	1	A
Aroclor 1221	ND		mg/kg	0.0420	0.00387	1	A
Aroclor 1232	ND		mg/kg	0.0420	0.00492	1	A
Aroclor 1242	ND		mg/kg	0.0420	0.00514	1	A
Aroclor 1248	ND		mg/kg	0.0420	0.00354	1	A
Aroclor 1254	0.0243	J	mg/kg	0.0420	0.00345	1	A
Aroclor 1260	0.00574	J	mg/kg	0.0420	0.00320	1	A
Aroclor 1262	ND		mg/kg	0.0420	0.00208	1	A
Aroclor 1268	ND		mg/kg	0.0420	0.00609	1	A
PCBs, Total	0.0300	J	mg/kg	0.0420	0.00208	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	63		30-150	A
Decachlorobiphenyl	64		30-150	A
2,4,5,6-Tetrachloro-m-xylene	63		30-150	B
Decachlorobiphenyl	69		30-150	B

Project Name: DC UNITED
Project Number: 40223-004

Lab Number: L1622741
Report Date: 07/31/16

SAMPLE RESULTS

Lab ID: L1622741-05
 Client ID: DP-161-SO-050-01
 Sample Location: WASHINGTON, D.C.
 Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 07/24/16 13:37
 Analyst: JA
 Percent Solids: 80%

Date Collected: 07/21/16 08:10
 Date Received: 07/21/16
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/23/16 23:59
 Cleanup Method: EPA 3665A
 Cleanup Date: 07/24/16
 Cleanup Method: EPA 3660B
 Cleanup Date: 07/24/16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		mg/kg	0.0415	0.00328	1	A
Aroclor 1221	ND		mg/kg	0.0415	0.00383	1	A
Aroclor 1232	ND		mg/kg	0.0415	0.00486	1	A
Aroclor 1242	ND		mg/kg	0.0415	0.00508	1	A
Aroclor 1248	ND		mg/kg	0.0415	0.00350	1	A
Aroclor 1254	0.00600	J	mg/kg	0.0415	0.00341	1	A
Aroclor 1260	ND		mg/kg	0.0415	0.00316	1	A
Aroclor 1262	ND		mg/kg	0.0415	0.00206	1	A
Aroclor 1268	ND		mg/kg	0.0415	0.00602	1	A
PCBs, Total	0.00600	J	mg/kg	0.0415	0.00206	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	53		30-150	A
Decachlorobiphenyl	53		30-150	A
2,4,5,6-Tetrachloro-m-xylene	54		30-150	B
Decachlorobiphenyl	57		30-150	B

Project Name: DC UNITED
Project Number: 40223-004

Lab Number: L1622741
Report Date: 07/31/16

SAMPLE RESULTS

Lab ID: L1622741-06
 Client ID: DP-161-SO-100-01
 Sample Location: WASHINGTON, D.C.
 Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 07/24/16 13:51
 Analyst: JA
 Percent Solids: 72%

Date Collected: 07/21/16 08:15
 Date Received: 07/21/16
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/23/16 23:59
 Cleanup Method: EPA 3665A
 Cleanup Date: 07/24/16
 Cleanup Method: EPA 3660B
 Cleanup Date: 07/24/16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		mg/kg	0.0447	0.00353	1	A
Aroclor 1221	ND		mg/kg	0.0447	0.00412	1	A
Aroclor 1232	ND		mg/kg	0.0447	0.00524	1	A
Aroclor 1242	0.552		mg/kg	0.0447	0.00548	1	A
Aroclor 1248	ND		mg/kg	0.0447	0.00378	1	A
Aroclor 1254	0.378		mg/kg	0.0447	0.00368	1	A
Aroclor 1260	0.479		mg/kg	0.0447	0.00341	1	A
Aroclor 1262	ND		mg/kg	0.0447	0.00222	1	A
Aroclor 1268	ND		mg/kg	0.0447	0.00649	1	A
PCBs, Total	1.41		mg/kg	0.0447	0.00222	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	34		30-150	A
Decachlorobiphenyl	51		30-150	A
2,4,5,6-Tetrachloro-m-xylene	35		30-150	B
Decachlorobiphenyl	54		30-150	B

Project Name: DC UNITED

Lab Number: L1622741

Project Number: 40223-004

Report Date: 07/31/16

SAMPLE RESULTS

Lab ID: L1622741-07
 Client ID: DP-160-SO-010-01
 Sample Location: WASHINGTON, D.C.
 Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 07/24/16 14:04
 Analyst: JA
 Percent Solids: 81%

Date Collected: 07/21/16 07:40
 Date Received: 07/21/16
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/23/16 23:59
 Cleanup Method: EPA 3665A
 Cleanup Date: 07/24/16
 Cleanup Method: EPA 3660B
 Cleanup Date: 07/24/16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		mg/kg	0.0402	0.00318	1	A
Aroclor 1221	ND		mg/kg	0.0402	0.00371	1	A
Aroclor 1232	ND		mg/kg	0.0402	0.00471	1	A
Aroclor 1242	ND		mg/kg	0.0402	0.00492	1	A
Aroclor 1248	ND		mg/kg	0.0402	0.00339	1	A
Aroclor 1254	ND		mg/kg	0.0402	0.00331	1	A
Aroclor 1260	0.00473	J	mg/kg	0.0402	0.00306	1	B
Aroclor 1262	ND		mg/kg	0.0402	0.00200	1	A
Aroclor 1268	ND		mg/kg	0.0402	0.00583	1	A
PCBs, Total	0.00473	J	mg/kg	0.0402	0.00200	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	49		30-150	A
Decachlorobiphenyl	52		30-150	A
2,4,5,6-Tetrachloro-m-xylene	53		30-150	B
Decachlorobiphenyl	61		30-150	B

Project Name: DC UNITED
Project Number: 40223-004

Lab Number: L1622741
Report Date: 07/31/16

SAMPLE RESULTS

Lab ID: L1622741-08 D
Client ID: DP-160-SO-050-01
Sample Location: WASHINGTON, D.C.
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 07/30/16 13:26
Analyst: KEG
Percent Solids: 80%

Date Collected: 07/21/16 07:45
Date Received: 07/21/16
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/29/16 17:51
Cleanup Method: EPA 3665A
Cleanup Date: 07/30/16
Cleanup Method: EPA 3660B
Cleanup Date: 07/30/16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		mg/kg	0.201	0.0159	5	A
Aroclor 1221	ND		mg/kg	0.201	0.0185	5	A
Aroclor 1232	ND		mg/kg	0.201	0.0236	5	A
Aroclor 1242	ND		mg/kg	0.201	0.0246	5	A
Aroclor 1248	1.43		mg/kg	0.201	0.0170	5	B
Aroclor 1254	0.986		mg/kg	0.201	0.0165	5	A
Aroclor 1260	0.223		mg/kg	0.201	0.0153	5	B
Aroclor 1262	ND		mg/kg	0.201	0.00997	5	A
Aroclor 1268	ND		mg/kg	0.201	0.0292	5	A
PCBs, Total	2.64		mg/kg	0.201	0.00997	5	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	44		30-150	A
Decachlorobiphenyl	41		30-150	A
2,4,5,6-Tetrachloro-m-xylene	39		30-150	B
Decachlorobiphenyl	44		30-150	B

Project Name: DC UNITED

Lab Number: L1622741

Project Number: 40223-004

Report Date: 07/31/16

SAMPLE RESULTS

Lab ID: L1622741-09
 Client ID: DP-160-SO-100-01
 Sample Location: WASHINGTON, D.C.
 Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 07/24/16 14:31
 Analyst: JA
 Percent Solids: 81%

Date Collected: 07/21/16 07:50
 Date Received: 07/21/16
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/23/16 23:59
 Cleanup Method: EPA 3665A
 Cleanup Date: 07/24/16
 Cleanup Method: EPA 3660B
 Cleanup Date: 07/24/16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		mg/kg	0.0393	0.00310	1	A
Aroclor 1221	ND		mg/kg	0.0393	0.00362	1	A
Aroclor 1232	ND		mg/kg	0.0393	0.00460	1	A
Aroclor 1242	0.157		mg/kg	0.0393	0.00481	1	A
Aroclor 1248	ND		mg/kg	0.0393	0.00332	1	A
Aroclor 1254	0.149		mg/kg	0.0393	0.00323	1	A
Aroclor 1260	0.101		mg/kg	0.0393	0.00299	1	A
Aroclor 1262	ND		mg/kg	0.0393	0.00195	1	A
Aroclor 1268	ND		mg/kg	0.0393	0.00570	1	A
PCBs, Total	0.407		mg/kg	0.0393	0.00195	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	31		30-150	A
Decachlorobiphenyl	42		30-150	A
2,4,5,6-Tetrachloro-m-xylene	30		30-150	B
Decachlorobiphenyl	42		30-150	B

Project Name: DC UNITED

Lab Number: L1622741

Project Number: 40223-004

Report Date: 07/31/16

SAMPLE RESULTS

Lab ID: L1622741-10
 Client ID: DP-155-SO-010-01
 Sample Location: WASHINGTON, D.C.
 Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 07/24/16 14:44
 Analyst: JA
 Percent Solids: 88%

Date Collected: 07/21/16 07:25
 Date Received: 07/21/16
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/23/16 23:59
 Cleanup Method: EPA 3665A
 Cleanup Date: 07/24/16
 Cleanup Method: EPA 3660B
 Cleanup Date: 07/24/16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		mg/kg	0.0362	0.00286	1	A
Aroclor 1221	ND		mg/kg	0.0362	0.00334	1	A
Aroclor 1232	ND		mg/kg	0.0362	0.00425	1	A
Aroclor 1242	0.592		mg/kg	0.0362	0.00444	1	B
Aroclor 1248	ND		mg/kg	0.0362	0.00306	1	A
Aroclor 1254	0.241		mg/kg	0.0362	0.00298	1	A
Aroclor 1260	0.0388		mg/kg	0.0362	0.00276	1	B
Aroclor 1262	ND		mg/kg	0.0362	0.00180	1	A
Aroclor 1268	ND		mg/kg	0.0362	0.00526	1	A
PCBs, Total	0.872		mg/kg	0.0362	0.00180	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	41		30-150	A
Decachlorobiphenyl	46		30-150	A
2,4,5,6-Tetrachloro-m-xylene	44		30-150	B
Decachlorobiphenyl	56		30-150	B

Project Name: DC UNITED

Lab Number: L1622741

Project Number: 40223-004

Report Date: 07/31/16

SAMPLE RESULTS

Lab ID: L1622741-11 D
 Client ID: DP-155-SO-050-01
 Sample Location: WASHINGTON, D.C.
 Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 07/28/16 22:59
 Analyst: JW
 Percent Solids: 85%

Date Collected: 07/21/16 07:30
 Date Received: 07/21/16
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/23/16 23:59
 Cleanup Method: EPA 3665A
 Cleanup Date: 07/24/16
 Cleanup Method: EPA 3660B
 Cleanup Date: 07/24/16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		mg/kg	1.85	0.146	50	A
Aroclor 1221	ND		mg/kg	1.85	0.171	50	A
Aroclor 1232	ND		mg/kg	1.85	0.217	50	A
Aroclor 1242	31.8		mg/kg	1.85	0.227	50	B
Aroclor 1248	ND		mg/kg	1.85	0.156	50	A
Aroclor 1254	ND		mg/kg	1.85	0.152	50	A
Aroclor 1260	ND		mg/kg	1.85	0.141	50	A
Aroclor 1262	ND		mg/kg	1.85	0.0920	50	A
Aroclor 1268	ND		mg/kg	1.85	0.269	50	A
PCBs, Total	31.8		mg/kg	1.85	0.0920	50	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	0	Q	30-150	A
Decachlorobiphenyl	0	Q	30-150	A
2,4,5,6-Tetrachloro-m-xylene	0	Q	30-150	B
Decachlorobiphenyl	0	Q	30-150	B

Project Name: DC UNITED
Project Number: 40223-004

Lab Number: L1622741
Report Date: 07/31/16

SAMPLE RESULTS

Lab ID: L1622741-12
 Client ID: DP-155-SO-100-01
 Sample Location: WASHINGTON, D.C.
 Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 07/24/16 15:11
 Analyst: JA
 Percent Solids: 86%

Date Collected: 07/21/16 07:35
 Date Received: 07/21/16
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/23/16 23:59
 Cleanup Method: EPA 3665A
 Cleanup Date: 07/24/16
 Cleanup Method: EPA 3660B
 Cleanup Date: 07/24/16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		mg/kg	0.0380	0.00300	1	A
Aroclor 1221	ND		mg/kg	0.0380	0.00350	1	A
Aroclor 1232	ND		mg/kg	0.0380	0.00445	1	A
Aroclor 1242	ND		mg/kg	0.0380	0.00465	1	A
Aroclor 1248	ND		mg/kg	0.0380	0.00321	1	A
Aroclor 1254	ND		mg/kg	0.0380	0.00312	1	A
Aroclor 1260	ND		mg/kg	0.0380	0.00289	1	A
Aroclor 1262	ND		mg/kg	0.0380	0.00188	1	A
Aroclor 1268	ND		mg/kg	0.0380	0.00551	1	A
PCBs, Total	ND		mg/kg	0.0380	0.00188	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	54		30-150	A
Decachlorobiphenyl	54		30-150	A
2,4,5,6-Tetrachloro-m-xylene	56		30-150	B
Decachlorobiphenyl	97		30-150	B

Project Name: DC UNITED
Project Number: 40223-004

Lab Number: L1622741
Report Date: 07/31/16

SAMPLE RESULTS

Lab ID: L1622741-13 D
 Client ID: DP-154-SO-010-01
 Sample Location: WASHINGTON, D.C.
 Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 07/28/16 19:02
 Analyst: JW
 Percent Solids: 79%

Date Collected: 07/21/16 10:40
 Date Received: 07/21/16
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/24/16 00:21
 Cleanup Method: EPA 3665A
 Cleanup Date: 07/24/16
 Cleanup Method: EPA 3660B
 Cleanup Date: 07/24/16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		mg/kg	0.204	0.0161	5	A
Aroclor 1221	ND		mg/kg	0.204	0.0188	5	A
Aroclor 1232	ND		mg/kg	0.204	0.0239	5	A
Aroclor 1242	1.13		mg/kg	0.204	0.0250	5	A
Aroclor 1248	ND		mg/kg	0.204	0.0172	5	A
Aroclor 1254	0.718		mg/kg	0.204	0.0168	5	A
Aroclor 1260	0.149	J	mg/kg	0.204	0.0156	5	A
Aroclor 1262	ND		mg/kg	0.204	0.0101	5	A
Aroclor 1268	ND		mg/kg	0.204	0.0296	5	A
PCBs, Total	2.00	J	mg/kg	0.204	0.0101	5	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	57		30-150	A
Decachlorobiphenyl	39		30-150	A
2,4,5,6-Tetrachloro-m-xylene	40		30-150	B
Decachlorobiphenyl	40		30-150	B

Project Name: DC UNITED

Lab Number: L1622741

Project Number: 40223-004

Report Date: 07/31/16

SAMPLE RESULTS

Lab ID: L1622741-14 D
 Client ID: DP-154-SO-050-01
 Sample Location: WASHINGTON, D.C.
 Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 07/28/16 19:17
 Analyst: JW
 Percent Solids: 83%

Date Collected: 07/21/16 10:45
 Date Received: 07/21/16
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/24/16 00:21
 Cleanup Method: EPA 3665A
 Cleanup Date: 07/24/16
 Cleanup Method: EPA 3660B
 Cleanup Date: 07/24/16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		mg/kg	0.385	0.0304	10	A
Aroclor 1221	ND		mg/kg	0.385	0.0355	10	A
Aroclor 1232	ND		mg/kg	0.385	0.0452	10	A
Aroclor 1242	ND		mg/kg	0.385	0.0472	10	A
Aroclor 1248	ND		mg/kg	0.385	0.0325	10	A
Aroclor 1254	2.11		mg/kg	0.385	0.0317	10	A
Aroclor 1260	1.99		mg/kg	0.385	0.0294	10	A
Aroclor 1262	ND		mg/kg	0.385	0.0191	10	A
Aroclor 1268	0.972		mg/kg	0.385	0.0559	10	B
PCBs, Total	5.07		mg/kg	0.385	0.0191	10	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	0	Q	30-150	A
Decachlorobiphenyl	0	Q	30-150	A
2,4,5,6-Tetrachloro-m-xylene	0	Q	30-150	B
Decachlorobiphenyl	0	Q	30-150	B

Project Name: DC UNITED
Project Number: 40223-004

Lab Number: L1622741
Report Date: 07/31/16

SAMPLE RESULTS

Lab ID: L1622741-15
Client ID: DP-154-SO-100-01
Sample Location: WASHINGTON, D.C.
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 07/24/16 15:51
Analyst: JA
Percent Solids: 76%

Date Collected: 07/21/16 10:50
Date Received: 07/21/16
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/24/16 00:21
Cleanup Method: EPA 3665A
Cleanup Date: 07/24/16
Cleanup Method: EPA 3660B
Cleanup Date: 07/24/16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		mg/kg	0.0423	0.00334	1	A
Aroclor 1221	ND		mg/kg	0.0423	0.00390	1	A
Aroclor 1232	ND		mg/kg	0.0423	0.00496	1	A
Aroclor 1242	ND		mg/kg	0.0423	0.00518	1	A
Aroclor 1248	ND		mg/kg	0.0423	0.00357	1	A
Aroclor 1254	0.145		mg/kg	0.0423	0.00348	1	B
Aroclor 1260	ND		mg/kg	0.0423	0.00322	1	A
Aroclor 1262	0.0550		mg/kg	0.0423	0.00210	1	B
Aroclor 1268	ND		mg/kg	0.0423	0.00613	1	A
PCBs, Total	0.200		mg/kg	0.0423	0.00322	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	42		30-150	A
Decachlorobiphenyl	51		30-150	A
2,4,5,6-Tetrachloro-m-xylene	37		30-150	B
Decachlorobiphenyl	63		30-150	B

Project Name: DC UNITED
Project Number: 40223-004

Lab Number: L1622741
Report Date: 07/31/16

SAMPLE RESULTS

Lab ID: L1622741-16 D
 Client ID: DP-156-SO-010-01
 Sample Location: WASHINGTON, D.C.
 Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 07/28/16 19:32
 Analyst: JW
 Percent Solids: 80%

Date Collected: 07/21/16 10:25
 Date Received: 07/21/16
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/24/16 00:21
 Cleanup Method: EPA 3665A
 Cleanup Date: 07/24/16
 Cleanup Method: EPA 3660B
 Cleanup Date: 07/24/16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		mg/kg	0.400	0.0316	10	A
Aroclor 1221	ND		mg/kg	0.400	0.0369	10	A
Aroclor 1232	ND		mg/kg	0.400	0.0469	10	A
Aroclor 1242	4.14		mg/kg	0.400	0.0490	10	B
Aroclor 1248	ND		mg/kg	0.400	0.0338	10	A
Aroclor 1254	1.18		mg/kg	0.400	0.0329	10	A
Aroclor 1260	0.231	J	mg/kg	0.400	0.0305	10	B
Aroclor 1262	ND		mg/kg	0.400	0.0198	10	A
Aroclor 1268	ND		mg/kg	0.400	0.0580	10	A
PCBs, Total	5.55	J	mg/kg	0.400	0.0198	10	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	0	Q	30-150	A
Decachlorobiphenyl	0	Q	30-150	A
2,4,5,6-Tetrachloro-m-xylene	0	Q	30-150	B
Decachlorobiphenyl	0	Q	30-150	B

Project Name: DC UNITED
Project Number: 40223-004

Lab Number: L1622741
Report Date: 07/31/16

SAMPLE RESULTS

Lab ID: L1622741-17
 Client ID: DP-156-SO-050-01
 Sample Location: WASHINGTON, D.C.
 Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 07/28/16 16:27
 Analyst: JA
 Percent Solids: 75%

Date Collected: 07/21/16 10:30
 Date Received: 07/21/16
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/24/16 00:21
 Cleanup Method: EPA 3665A
 Cleanup Date: 07/24/16
 Cleanup Method: EPA 3660B
 Cleanup Date: 07/24/16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		mg/kg	0.0425	0.00336	1	A
Aroclor 1221	ND		mg/kg	0.0425	0.00392	1	A
Aroclor 1232	ND		mg/kg	0.0425	0.00498	1	A
Aroclor 1242	ND		mg/kg	0.0425	0.00520	1	A
Aroclor 1248	ND		mg/kg	0.0425	0.00359	1	A
Aroclor 1254	ND		mg/kg	0.0425	0.00350	1	A
Aroclor 1260	0.00641	J	mg/kg	0.0425	0.00324	1	B
Aroclor 1262	ND		mg/kg	0.0425	0.00211	1	A
Aroclor 1268	ND		mg/kg	0.0425	0.00616	1	A
PCBs, Total	0.00641	J	mg/kg	0.0425	0.00211	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	31		30-150	A
Decachlorobiphenyl	28	Q	30-150	A
2,4,5,6-Tetrachloro-m-xylene	31		30-150	B
Decachlorobiphenyl	34		30-150	B

Project Name: DC UNITED
Project Number: 40223-004

Lab Number: L1622741
Report Date: 07/31/16

SAMPLE RESULTS

Lab ID: L1622741-18
 Client ID: DP-156-SO-100-01
 Sample Location: WASHINGTON, D.C.
 Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 07/24/16 18:13
 Analyst: JA
 Percent Solids: 61%

Date Collected: 07/21/16 10:35
 Date Received: 07/21/16
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/24/16 00:21
 Cleanup Method: EPA 3665A
 Cleanup Date: 07/24/16
 Cleanup Method: EPA 3660B
 Cleanup Date: 07/24/16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		mg/kg	0.0537	0.00424	1	A
Aroclor 1221	ND		mg/kg	0.0537	0.00495	1	A
Aroclor 1232	ND		mg/kg	0.0537	0.00629	1	A
Aroclor 1242	ND		mg/kg	0.0537	0.00657	1	A
Aroclor 1248	ND		mg/kg	0.0537	0.00453	1	A
Aroclor 1254	ND		mg/kg	0.0537	0.00441	1	A
Aroclor 1260	ND		mg/kg	0.0537	0.00409	1	A
Aroclor 1262	ND		mg/kg	0.0537	0.00266	1	A
Aroclor 1268	ND		mg/kg	0.0537	0.00779	1	A
PCBs, Total	ND		mg/kg	0.0537	0.00266	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	61		30-150	A
Decachlorobiphenyl	80		30-150	A
2,4,5,6-Tetrachloro-m-xylene	54		30-150	B
Decachlorobiphenyl	72		30-150	B

Project Name: DC UNITED

Lab Number: L1622741

Project Number: 40223-004

Report Date: 07/31/16

SAMPLE RESULTS

Lab ID: L1622741-19 D
 Client ID: DP-157-SO-010-01
 Sample Location: WASHINGTON, D.C.
 Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 07/29/16 10:28
 Analyst: JW
 Percent Solids: 88%

Date Collected: 07/21/16 10:05
 Date Received: 07/21/16
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/24/16 00:21
 Cleanup Method: EPA 3665A
 Cleanup Date: 07/24/16
 Cleanup Method: EPA 3660B
 Cleanup Date: 07/24/16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		mg/kg	0.366	0.0289	10	A
Aroclor 1221	ND		mg/kg	0.366	0.0338	10	A
Aroclor 1232	ND		mg/kg	0.366	0.0429	10	A
Aroclor 1242	3.87		mg/kg	0.366	0.0448	10	A
Aroclor 1248	ND		mg/kg	0.366	0.0309	10	A
Aroclor 1254	ND		mg/kg	0.366	0.0301	10	A
Aroclor 1260	ND		mg/kg	0.366	0.0279	10	A
Aroclor 1262	ND		mg/kg	0.366	0.0182	10	A
Aroclor 1268	ND		mg/kg	0.366	0.0531	10	A
PCBs, Total	3.87		mg/kg	0.366	0.0182	10	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	0	Q	30-150	A
Decachlorobiphenyl	0	Q	30-150	A
2,4,5,6-Tetrachloro-m-xylene	0	Q	30-150	B
Decachlorobiphenyl	0	Q	30-150	B

Project Name: DC UNITED
Project Number: 40223-004

Lab Number: L1622741
Report Date: 07/31/16

SAMPLE RESULTS

Lab ID: L1622741-20
 Client ID: DP-157-SO-050-01
 Sample Location: WASHINGTON, D.C.
 Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 07/29/16 10:41
 Analyst: JW
 Percent Solids: 84%

Date Collected: 07/21/16 10:10
 Date Received: 07/21/16
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/24/16 00:21
 Cleanup Method: EPA 3665A
 Cleanup Date: 07/24/16
 Cleanup Method: EPA 3660B
 Cleanup Date: 07/24/16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		mg/kg	0.0392	0.00309	1	A
Aroclor 1221	ND		mg/kg	0.0392	0.00361	1	A
Aroclor 1232	ND		mg/kg	0.0392	0.00459	1	A
Aroclor 1242	ND		mg/kg	0.0392	0.00479	1	A
Aroclor 1248	ND		mg/kg	0.0392	0.00330	1	A
Aroclor 1254	ND		mg/kg	0.0392	0.00322	1	A
Aroclor 1260	ND		mg/kg	0.0392	0.00298	1	A
Aroclor 1262	ND		mg/kg	0.0392	0.00194	1	A
Aroclor 1268	ND		mg/kg	0.0392	0.00568	1	A
PCBs, Total	ND		mg/kg	0.0392	0.00194	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	56		30-150	A
Decachlorobiphenyl	66		30-150	A
2,4,5,6-Tetrachloro-m-xylene	64		30-150	B
Decachlorobiphenyl	71		30-150	B

Project Name: DC UNITED

Lab Number: L1622741

Project Number: 40223-004

Report Date: 07/31/16

SAMPLE RESULTS

Lab ID: L1622741-21
 Client ID: DP-157-SO-100-01
 Sample Location: WASHINGTON, D.C.
 Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 07/27/16 14:13
 Analyst: KEG
 Percent Solids: 83%

Date Collected: 07/21/16 10:15
 Date Received: 07/21/16
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/24/16 03:03
 Cleanup Method: EPA 3665A
 Cleanup Date: 07/24/16
 Cleanup Method: EPA 3660B
 Cleanup Date: 07/24/16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		mg/kg	0.0382	0.00302	1	A
Aroclor 1221	ND		mg/kg	0.0382	0.00352	1	A
Aroclor 1232	ND		mg/kg	0.0382	0.00448	1	A
Aroclor 1242	ND		mg/kg	0.0382	0.00468	1	A
Aroclor 1248	ND		mg/kg	0.0382	0.00322	1	A
Aroclor 1254	ND		mg/kg	0.0382	0.00314	1	A
Aroclor 1260	0.0135	J	mg/kg	0.0382	0.00291	1	A
Aroclor 1262	ND		mg/kg	0.0382	0.00190	1	A
Aroclor 1268	ND		mg/kg	0.0382	0.00554	1	A
PCBs, Total	0.0135	J	mg/kg	0.0382	0.00190	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	52		30-150	A
Decachlorobiphenyl	85		30-150	A
2,4,5,6-Tetrachloro-m-xylene	48		30-150	B
Decachlorobiphenyl	87		30-150	B

Project Name: DC UNITED

Lab Number: L1622741

Project Number: 40223-004

Report Date: 07/31/16

SAMPLE RESULTS

Lab ID: L1622741-22
 Client ID: DP-163-SO-010-01
 Sample Location: WASHINGTON, D.C.
 Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 07/27/16 14:27
 Analyst: KEG
 Percent Solids: 86%

Date Collected: 07/21/16 09:20
 Date Received: 07/21/16
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/24/16 03:03
 Cleanup Method: EPA 3665A
 Cleanup Date: 07/24/16
 Cleanup Method: EPA 3660B
 Cleanup Date: 07/24/16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		mg/kg	0.0383	0.00303	1	A
Aroclor 1221	ND		mg/kg	0.0383	0.00353	1	A
Aroclor 1232	ND		mg/kg	0.0383	0.00449	1	A
Aroclor 1242	ND		mg/kg	0.0383	0.00469	1	A
Aroclor 1248	ND		mg/kg	0.0383	0.00323	1	A
Aroclor 1254	ND		mg/kg	0.0383	0.00315	1	A
Aroclor 1260	0.0118	J	mg/kg	0.0383	0.00292	1	A
Aroclor 1262	ND		mg/kg	0.0383	0.00190	1	A
Aroclor 1268	ND		mg/kg	0.0383	0.00556	1	A
PCBs, Total	0.0118	J	mg/kg	0.0383	0.00190	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	40		30-150	A
Decachlorobiphenyl	56		30-150	A
2,4,5,6-Tetrachloro-m-xylene	39		30-150	B
Decachlorobiphenyl	61		30-150	B

Project Name: DC UNITED

Lab Number: L1622741

Project Number: 40223-004

Report Date: 07/31/16

SAMPLE RESULTS

Lab ID: L1622741-23
 Client ID: DP-163-SO-050-01
 Sample Location: WASHINGTON, D.C.
 Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 07/27/16 14:40
 Analyst: KEG
 Percent Solids: 85%

Date Collected: 07/21/16 09:25
 Date Received: 07/21/16
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/24/16 03:03
 Cleanup Method: EPA 3665A
 Cleanup Date: 07/24/16
 Cleanup Method: EPA 3660B
 Cleanup Date: 07/24/16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		mg/kg	0.0375	0.00296	1	A
Aroclor 1221	ND		mg/kg	0.0375	0.00346	1	A
Aroclor 1232	ND		mg/kg	0.0375	0.00439	1	A
Aroclor 1242	ND		mg/kg	0.0375	0.00459	1	A
Aroclor 1248	ND		mg/kg	0.0375	0.00316	1	A
Aroclor 1254	ND		mg/kg	0.0375	0.00308	1	A
Aroclor 1260	ND		mg/kg	0.0375	0.00286	1	A
Aroclor 1262	ND		mg/kg	0.0375	0.00186	1	A
Aroclor 1268	ND		mg/kg	0.0375	0.00543	1	A
PCBs, Total	ND		mg/kg	0.0375	0.00186	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	32		30-150	A
Decachlorobiphenyl	44		30-150	A
2,4,5,6-Tetrachloro-m-xylene	30		30-150	B
Decachlorobiphenyl	51		30-150	B

Project Name: DC UNITED

Lab Number: L1622741

Project Number: 40223-004

Report Date: 07/31/16

SAMPLE RESULTS

Lab ID: L1622741-24
 Client ID: DP-163-SO-100-01
 Sample Location: WASHINGTON, D.C.
 Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 07/27/16 14:53
 Analyst: KEG
 Percent Solids: 68%

Date Collected: 07/21/16 09:30
 Date Received: 07/21/16
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/24/16 03:03
 Cleanup Method: EPA 3665A
 Cleanup Date: 07/24/16
 Cleanup Method: EPA 3660B
 Cleanup Date: 07/24/16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		mg/kg	0.0477	0.00377	1	A
Aroclor 1221	ND		mg/kg	0.0477	0.00440	1	A
Aroclor 1232	ND		mg/kg	0.0477	0.00559	1	A
Aroclor 1242	ND		mg/kg	0.0477	0.00584	1	A
Aroclor 1248	ND		mg/kg	0.0477	0.00402	1	A
Aroclor 1254	ND		mg/kg	0.0477	0.00392	1	A
Aroclor 1260	0.274		mg/kg	0.0477	0.00363	1	A
Aroclor 1262	ND		mg/kg	0.0477	0.00236	1	A
Aroclor 1268	ND		mg/kg	0.0477	0.00691	1	A
PCBs, Total	0.274		mg/kg	0.0477	0.00236	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	53		30-150	A
Decachlorobiphenyl	71		30-150	A
2,4,5,6-Tetrachloro-m-xylene	51		30-150	B
Decachlorobiphenyl	80		30-150	B

Project Name: DC UNITED

Lab Number: L1622741

Project Number: 40223-004

Report Date: 07/31/16

SAMPLE RESULTS

Lab ID: L1622741-25
 Client ID: DP-163-SO-010-02
 Sample Location: WASHINGTON, D.C.
 Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 07/27/16 15:07
 Analyst: KEG
 Percent Solids: 85%

Date Collected: 07/21/16 11:45
 Date Received: 07/21/16
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/24/16 03:03
 Cleanup Method: EPA 3665A
 Cleanup Date: 07/24/16
 Cleanup Method: EPA 3660B
 Cleanup Date: 07/24/16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		mg/kg	0.0381	0.00301	1	A
Aroclor 1221	ND		mg/kg	0.0381	0.00352	1	A
Aroclor 1232	ND		mg/kg	0.0381	0.00447	1	A
Aroclor 1242	ND		mg/kg	0.0381	0.00467	1	A
Aroclor 1248	ND		mg/kg	0.0381	0.00322	1	A
Aroclor 1254	ND		mg/kg	0.0381	0.00314	1	A
Aroclor 1260	ND		mg/kg	0.0381	0.00291	1	A
Aroclor 1262	ND		mg/kg	0.0381	0.00189	1	A
Aroclor 1268	ND		mg/kg	0.0381	0.00553	1	A
PCBs, Total	ND		mg/kg	0.0381	0.00189	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	51		30-150	A
Decachlorobiphenyl	64		30-150	A
2,4,5,6-Tetrachloro-m-xylene	47		30-150	B
Decachlorobiphenyl	72		30-150	B

Project Name: DC UNITED

Lab Number: L1622741

Project Number: 40223-004

Report Date: 07/31/16

SAMPLE RESULTS

Lab ID: L1622741-26
 Client ID: DP-163-SO-050-02
 Sample Location: WASHINGTON, D.C.
 Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 07/27/16 15:20
 Analyst: KEG
 Percent Solids: 83%

Date Collected: 07/21/16 11:50
 Date Received: 07/21/16
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/24/16 03:03
 Cleanup Method: EPA 3665A
 Cleanup Date: 07/24/16
 Cleanup Method: EPA 3660B
 Cleanup Date: 07/24/16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		mg/kg	0.0390	0.00308	1	A
Aroclor 1221	ND		mg/kg	0.0390	0.00360	1	A
Aroclor 1232	ND		mg/kg	0.0390	0.00458	1	A
Aroclor 1242	ND		mg/kg	0.0390	0.00478	1	A
Aroclor 1248	ND		mg/kg	0.0390	0.00330	1	A
Aroclor 1254	ND		mg/kg	0.0390	0.00321	1	A
Aroclor 1260	ND		mg/kg	0.0390	0.00298	1	A
Aroclor 1262	ND		mg/kg	0.0390	0.00194	1	A
Aroclor 1268	ND		mg/kg	0.0390	0.00566	1	A
PCBs, Total	ND		mg/kg	0.0390	0.00194	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	33		30-150	A
Decachlorobiphenyl	39		30-150	A
2,4,5,6-Tetrachloro-m-xylene	30		30-150	B
Decachlorobiphenyl	45		30-150	B

Project Name: DC UNITED
Project Number: 40223-004

Lab Number: L1622741
Report Date: 07/31/16

SAMPLE RESULTS

Lab ID: L1622741-28
 Client ID: DP-156-SO-050-02
 Sample Location: WASHINGTON, D.C.
 Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 07/27/16 15:47
 Analyst: KEG
 Percent Solids: 81%

Date Collected: 07/21/16 14:05
 Date Received: 07/21/16
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/24/16 03:03
 Cleanup Method: EPA 3665A
 Cleanup Date: 07/24/16
 Cleanup Method: EPA 3660B
 Cleanup Date: 07/24/16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		mg/kg	0.0397	0.00314	1	A
Aroclor 1221	ND		mg/kg	0.0397	0.00366	1	A
Aroclor 1232	ND		mg/kg	0.0397	0.00465	1	A
Aroclor 1242	ND		mg/kg	0.0397	0.00486	1	A
Aroclor 1248	ND		mg/kg	0.0397	0.00335	1	A
Aroclor 1254	ND		mg/kg	0.0397	0.00326	1	A
Aroclor 1260	ND		mg/kg	0.0397	0.00302	1	A
Aroclor 1262	ND		mg/kg	0.0397	0.00197	1	A
Aroclor 1268	ND		mg/kg	0.0397	0.00576	1	A
PCBs, Total	ND		mg/kg	0.0397	0.00197	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	40		30-150	A
Decachlorobiphenyl	44		30-150	A
2,4,5,6-Tetrachloro-m-xylene	31		30-150	B
Decachlorobiphenyl	48		30-150	B

Project Name: DC UNITED

Lab Number: L1622741

Project Number: 40223-004

Report Date: 07/31/16

SAMPLE RESULTS

Lab ID: L1622741-29
 Client ID: DP-156-SO-100-02
 Sample Location: WASHINGTON, D.C.
 Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 07/27/16 16:00
 Analyst: KEG
 Percent Solids: 75%

Date Collected: 07/21/16 14:10
 Date Received: 07/21/16
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/24/16 03:03
 Cleanup Method: EPA 3665A
 Cleanup Date: 07/24/16
 Cleanup Method: EPA 3660B
 Cleanup Date: 07/24/16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		mg/kg	0.0428	0.00338	1	A
Aroclor 1221	ND		mg/kg	0.0428	0.00395	1	A
Aroclor 1232	ND		mg/kg	0.0428	0.00502	1	A
Aroclor 1242	ND		mg/kg	0.0428	0.00524	1	A
Aroclor 1248	ND		mg/kg	0.0428	0.00361	1	A
Aroclor 1254	ND		mg/kg	0.0428	0.00352	1	A
Aroclor 1260	ND		mg/kg	0.0428	0.00326	1	A
Aroclor 1262	ND		mg/kg	0.0428	0.00212	1	A
Aroclor 1268	ND		mg/kg	0.0428	0.00621	1	A
PCBs, Total	ND		mg/kg	0.0428	0.00212	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	51		30-150	A
Decachlorobiphenyl	64		30-150	A
2,4,5,6-Tetrachloro-m-xylene	52		30-150	B
Decachlorobiphenyl	79		30-150	B

Project Name: DC UNITED

Lab Number: L1622741

Project Number: 40223-004

Report Date: 07/31/16

SAMPLE RESULTS

Lab ID: L1622741-30
 Client ID: EB-072116
 Sample Location: WASHINGTON, D.C.
 Matrix: Water
 Analytical Method: 1,8082A
 Analytical Date: 07/25/16 12:51
 Analyst: KEG

Date Collected: 07/21/16 00:00
 Date Received: 07/21/16
 Field Prep: Not Specified
 Extraction Method: EPA 3510C
 Extraction Date: 07/23/16 13:02
 Cleanup Method: EPA 3665A
 Cleanup Date: 07/23/16
 Cleanup Method: EPA 3660B
 Cleanup Date: 07/24/16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.250	0.066	1	A
Aroclor 1221	ND		ug/l	0.250	0.064	1	A
Aroclor 1232	ND		ug/l	0.250	0.037	1	A
Aroclor 1242	ND		ug/l	0.250	0.072	1	A
Aroclor 1248	ND		ug/l	0.250	0.061	1	A
Aroclor 1254	ND		ug/l	0.250	0.041	1	A
Aroclor 1260	ND		ug/l	0.250	0.038	1	A
Aroclor 1262	ND		ug/l	0.250	0.035	1	A
Aroclor 1268	ND		ug/l	0.250	0.045	1	A
PCBs, Total	ND		ug/l	0.250	0.035	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	54		30-150	A
Decachlorobiphenyl	31		30-150	A
2,4,5,6-Tetrachloro-m-xylene	55		30-150	B
Decachlorobiphenyl	31		30-150	B

Project Name: DC UNITED

Lab Number: L1622741

Project Number: 40223-004

Report Date: 07/31/16

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8082A
 Analytical Date: 07/25/16 11:46
 Analyst: JW

Extraction Method: EPA 3510C
 Extraction Date: 07/23/16 13:02
 Cleanup Method: EPA 3665A
 Cleanup Date: 07/23/16
 Cleanup Method: EPA 3660B
 Cleanup Date: 07/24/16

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 30 Batch: WG916355-1						
Aroclor 1016	ND		ug/l	0.250	0.066	A
Aroclor 1221	ND		ug/l	0.250	0.064	A
Aroclor 1232	ND		ug/l	0.250	0.037	A
Aroclor 1242	ND		ug/l	0.250	0.072	A
Aroclor 1248	ND		ug/l	0.250	0.061	A
Aroclor 1254	ND		ug/l	0.250	0.041	A
Aroclor 1260	ND		ug/l	0.250	0.038	A
Aroclor 1262	ND		ug/l	0.250	0.035	A
Aroclor 1268	ND		ug/l	0.250	0.045	A
PCBs, Total	ND		ug/l	0.250	0.035	A

Surrogate	%Recovery	Qualifier	Acceptance	Column
			Criteria	
2,4,5,6-Tetrachloro-m-xylene	46		30-150	A
Decachlorobiphenyl	56		30-150	A
2,4,5,6-Tetrachloro-m-xylene	48		30-150	B
Decachlorobiphenyl	55		30-150	B

Project Name: DC UNITED

Lab Number: L1622741

Project Number: 40223-004

Report Date: 07/31/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
 Analytical Date: 07/24/16 12:04
 Analyst: JA

Extraction Method: EPA 3546
 Extraction Date: 07/23/16 23:59
 Cleanup Method: EPA 3665A
 Cleanup Date: 07/24/16
 Cleanup Method: EPA 3660B
 Cleanup Date: 07/24/16

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-07,09-20 Batch: WG916438-1						
Aroclor 1016	ND		mg/kg	0.0319	0.00252	A
Aroclor 1221	ND		mg/kg	0.0319	0.00294	A
Aroclor 1232	ND		mg/kg	0.0319	0.00374	A
Aroclor 1242	ND		mg/kg	0.0319	0.00390	A
Aroclor 1248	ND		mg/kg	0.0319	0.00269	A
Aroclor 1254	ND		mg/kg	0.0319	0.00262	A
Aroclor 1260	ND		mg/kg	0.0319	0.00243	A
Aroclor 1262	ND		mg/kg	0.0319	0.00158	A
Aroclor 1268	ND		mg/kg	0.0319	0.00463	A
PCBs, Total	ND		mg/kg	0.0319	0.00158	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	53		30-150	A
Decachlorobiphenyl	75		30-150	A
2,4,5,6-Tetrachloro-m-xylene	53		30-150	B
Decachlorobiphenyl	75		30-150	B

Project Name: DC UNITED

Lab Number: L1622741

Project Number: 40223-004

Report Date: 07/31/16

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8082A
 Analytical Date: 07/24/16 18:53
 Analyst: JA

Extraction Method: EPA 3546
 Extraction Date: 07/24/16 03:03
 Cleanup Method: EPA 3665A
 Cleanup Date: 07/24/16
 Cleanup Method: EPA 3660B
 Cleanup Date: 07/24/16

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 21-26,28-29 Batch: WG916445-1						
Aroclor 1016	ND		mg/kg	0.0316	0.00250	A
Aroclor 1221	ND		mg/kg	0.0316	0.00292	A
Aroclor 1232	ND		mg/kg	0.0316	0.00371	A
Aroclor 1242	ND		mg/kg	0.0316	0.00387	A
Aroclor 1248	ND		mg/kg	0.0316	0.00267	A
Aroclor 1254	ND		mg/kg	0.0316	0.00260	A
Aroclor 1260	ND		mg/kg	0.0316	0.00241	A
Aroclor 1262	ND		mg/kg	0.0316	0.00157	A
Aroclor 1268	ND		mg/kg	0.0316	0.00459	A
PCBs, Total	ND		mg/kg	0.0316	0.00157	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	55		30-150	A
Decachlorobiphenyl	56		30-150	A
2,4,5,6-Tetrachloro-m-xylene	54		30-150	B
Decachlorobiphenyl	58		30-150	B

Project Name: DC UNITED

Lab Number: L1622741

Project Number: 40223-004

Report Date: 07/31/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 07/30/16 12:33
Analyst: KEG

Extraction Method: EPA 3546
Extraction Date: 07/29/16 17:51
Cleanup Method: EPA 3665A
Cleanup Date: 07/30/16
Cleanup Method: EPA 3660B
Cleanup Date: 07/30/16

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 08 Batch: WG918402-1						
Aroclor 1016	ND		mg/kg	0.0319	0.00252	A
Aroclor 1221	ND		mg/kg	0.0319	0.00294	A
Aroclor 1232	ND		mg/kg	0.0319	0.00373	A
Aroclor 1242	ND		mg/kg	0.0319	0.00390	A
Aroclor 1248	ND		mg/kg	0.0319	0.00269	A
Aroclor 1254	ND		mg/kg	0.0319	0.00262	A
Aroclor 1260	ND		mg/kg	0.0319	0.00243	A
Aroclor 1262	ND		mg/kg	0.0319	0.00158	A
Aroclor 1268	ND		mg/kg	0.0319	0.00462	A
PCBs, Total	ND		mg/kg	0.0319	0.00158	A

Surrogate	%Recovery	Qualifier	Acceptance	Column
			Criteria	
2,4,5,6-Tetrachloro-m-xylene	60		30-150	A
Decachlorobiphenyl	63		30-150	A
2,4,5,6-Tetrachloro-m-xylene	60		30-150	B
Decachlorobiphenyl	61		30-150	B

Lab Control Sample Analysis Batch Quality Control

Project Name: DC UNITED
Project Number: 40223-004

Lab Number: L1622741
Report Date: 07/31/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 30 Batch: WG916355-2 WG916355-3									
Aroclor 1016	73		73		40-140	0		50	A
Aroclor 1260	66		66		40-140	0		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	52		50		30-150	A
Decachlorobiphenyl	54		55		30-150	A
2,4,5,6-Tetrachloro-m-xylene	53		51		30-150	B
Decachlorobiphenyl	54		54		30-150	B

Lab Control Sample Analysis Batch Quality Control

Project Name: DC UNITED
Project Number: 40223-004

Lab Number: L1622741
Report Date: 07/31/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-07,09-20 Batch: WG916438-2 WG916438-3									
Aroclor 1016	69		67		40-140	3		50	A
Aroclor 1260	73		69		40-140	6		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	55		55		30-150	A
Decachlorobiphenyl	72		72		30-150	A
2,4,5,6-Tetrachloro-m-xylene	55		55		30-150	B
Decachlorobiphenyl	70		67		30-150	B

Lab Control Sample Analysis Batch Quality Control

Project Name: DC UNITED
Project Number: 40223-004

Lab Number: L1622741
Report Date: 07/31/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 21-26,28-29 Batch: WG916445-2 WG916445-3									
Aroclor 1016	71		73		40-140	3		50	A
Aroclor 1260	62		62		40-140	0		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	66		66		30-150	A
Decachlorobiphenyl	64		66		30-150	A
2,4,5,6-Tetrachloro-m-xylene	62		63		30-150	B
Decachlorobiphenyl	66		64		30-150	B

Lab Control Sample Analysis Batch Quality Control

Project Name: DC UNITED
Project Number: 40223-004

Lab Number: L1622741
Report Date: 07/31/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 08 Batch: WG918402-2 WG918402-3									
Aroclor 1016	79		76		40-140	4		50	A
Aroclor 1260	73		70		40-140	4		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	69		68		30-150	A
Decachlorobiphenyl	75		72		30-150	A
2,4,5,6-Tetrachloro-m-xylene	69		66		30-150	B
Decachlorobiphenyl	72		68		30-150	B

METALS

Project Name: DC UNITED
Project Number: 40223-004

Lab Number: L1622741
Report Date: 07/31/16

SAMPLE RESULTS

Lab ID: L1622741-01
 Client ID: DP-162-SO-010-01
 Sample Location: WASHINGTON, D.C.
 Matrix: Soil
 Percent Solids: 81%

Date Collected: 07/21/16 08:25
 Date Received: 07/21/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	7800		mg/kg	9.7	1.9	2	07/23/16 10:15	07/26/16 21:47	EPA 3050B	1,6010C	MC
Antimony, Total	ND		mg/kg	4.9	0.78	2	07/23/16 10:15	07/26/16 21:47	EPA 3050B	1,6010C	MC
Arsenic, Total	3.5		mg/kg	0.97	0.32	2	07/23/16 10:15	07/26/16 21:47	EPA 3050B	1,6010C	MC
Barium, Total	68		mg/kg	0.97	0.26	2	07/23/16 10:15	07/26/16 21:47	EPA 3050B	1,6010C	MC
Beryllium, Total	0.56		mg/kg	0.49	0.11	2	07/23/16 10:15	07/26/16 21:47	EPA 3050B	1,6010C	MC
Cadmium, Total	0.44	J	mg/kg	0.97	0.07	2	07/23/16 10:15	07/26/16 21:47	EPA 3050B	1,6010C	MC
Calcium, Total	52000		mg/kg	9.7	2.7	2	07/23/16 10:15	07/26/16 21:47	EPA 3050B	1,6010C	MC
Chromium, Total	24		mg/kg	0.97	0.16	2	07/23/16 10:15	07/26/16 21:47	EPA 3050B	1,6010C	MC
Cobalt, Total	9.0		mg/kg	1.9	0.48	2	07/23/16 10:15	07/26/16 21:47	EPA 3050B	1,6010C	MC
Copper, Total	40		mg/kg	0.97	0.18	2	07/23/16 10:15	07/26/16 21:47	EPA 3050B	1,6010C	MC
Iron, Total	13000		mg/kg	4.9	1.5	2	07/23/16 10:15	07/26/16 21:47	EPA 3050B	1,6010C	MC
Lead, Total	51		mg/kg	4.9	0.21	2	07/23/16 10:15	07/26/16 21:47	EPA 3050B	1,6010C	MC
Magnesium, Total	4300		mg/kg	9.7	1.3	2	07/23/16 10:15	07/26/16 21:47	EPA 3050B	1,6010C	MC
Manganese, Total	240		mg/kg	0.97	0.23	2	07/23/16 10:15	07/26/16 21:47	EPA 3050B	1,6010C	MC
Mercury, Total	0.27		mg/kg	0.08	0.02	1	07/23/16 13:10	07/26/16 22:01	EPA 7471B	1,7471B	EA
Nickel, Total	13		mg/kg	2.4	0.39	2	07/23/16 10:15	07/26/16 21:47	EPA 3050B	1,6010C	MC
Potassium, Total	1500		mg/kg	240	27.	2	07/23/16 10:15	07/26/16 21:47	EPA 3050B	1,6010C	MC
Selenium, Total	ND		mg/kg	1.9	0.26	2	07/23/16 10:15	07/26/16 21:47	EPA 3050B	1,6010C	MC
Silver, Total	ND		mg/kg	0.97	0.19	2	07/23/16 10:15	07/26/16 21:47	EPA 3050B	1,6010C	MC
Sodium, Total	410		mg/kg	190	16.	2	07/23/16 10:15	07/26/16 21:47	EPA 3050B	1,6010C	MC
Thallium, Total	ND		mg/kg	1.9	0.31	2	07/23/16 10:15	07/26/16 21:47	EPA 3050B	1,6010C	MC
Vanadium, Total	27		mg/kg	0.97	0.09	2	07/23/16 10:15	07/26/16 21:47	EPA 3050B	1,6010C	MC
Zinc, Total	190		mg/kg	4.9	0.68	2	07/23/16 10:15	07/26/16 21:47	EPA 3050B	1,6010C	MC



Project Name: DC UNITED
Project Number: 40223-004

Lab Number: L1622741
Report Date: 07/31/16

SAMPLE RESULTS

Lab ID: L1622741-02
 Client ID: DP-162-SO-050-01
 Sample Location: WASHINGTON, D.C.
 Matrix: Soil
 Percent Solids: 83%

Date Collected: 07/21/16 08:30
 Date Received: 07/21/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	10000		mg/kg	9.4	1.9	2	07/23/16 10:15	07/26/16 22:04	EPA 3050B	1,6010C	MC
Antimony, Total	1.3	J	mg/kg	4.7	0.76	2	07/23/16 10:15	07/26/16 22:04	EPA 3050B	1,6010C	MC
Arsenic, Total	4.8		mg/kg	0.94	0.31	2	07/23/16 10:15	07/26/16 22:04	EPA 3050B	1,6010C	MC
Barium, Total	73		mg/kg	0.94	0.26	2	07/23/16 10:15	07/26/16 22:04	EPA 3050B	1,6010C	MC
Beryllium, Total	0.53		mg/kg	0.47	0.10	2	07/23/16 10:15	07/26/16 22:04	EPA 3050B	1,6010C	MC
Cadmium, Total	ND		mg/kg	0.94	0.07	2	07/23/16 10:15	07/26/16 22:04	EPA 3050B	1,6010C	MC
Calcium, Total	2100		mg/kg	9.4	2.6	2	07/23/16 10:15	07/26/16 22:04	EPA 3050B	1,6010C	MC
Chromium, Total	20		mg/kg	0.94	0.16	2	07/23/16 10:15	07/26/16 22:04	EPA 3050B	1,6010C	MC
Cobalt, Total	8.7		mg/kg	1.9	0.46	2	07/23/16 10:15	07/26/16 22:04	EPA 3050B	1,6010C	MC
Copper, Total	12		mg/kg	0.94	0.17	2	07/23/16 10:15	07/26/16 22:04	EPA 3050B	1,6010C	MC
Iron, Total	14000		mg/kg	4.7	1.5	2	07/23/16 10:15	07/26/16 22:04	EPA 3050B	1,6010C	MC
Lead, Total	21		mg/kg	4.7	0.21	2	07/23/16 10:15	07/26/16 22:04	EPA 3050B	1,6010C	MC
Magnesium, Total	2200		mg/kg	9.4	1.2	2	07/23/16 10:15	07/26/16 22:04	EPA 3050B	1,6010C	MC
Manganese, Total	280		mg/kg	0.94	0.23	2	07/23/16 10:15	07/26/16 22:04	EPA 3050B	1,6010C	MC
Mercury, Total	0.09		mg/kg	0.08	0.02	1	07/23/16 13:10	07/26/16 22:12	EPA 7471B	1,7471B	EA
Nickel, Total	21		mg/kg	2.4	0.38	2	07/23/16 10:15	07/26/16 22:04	EPA 3050B	1,6010C	MC
Potassium, Total	480		mg/kg	240	26.	2	07/23/16 10:15	07/26/16 22:04	EPA 3050B	1,6010C	MC
Selenium, Total	0.50	J	mg/kg	1.9	0.26	2	07/23/16 10:15	07/26/16 22:04	EPA 3050B	1,6010C	MC
Silver, Total	ND		mg/kg	0.94	0.19	2	07/23/16 10:15	07/26/16 22:04	EPA 3050B	1,6010C	MC
Sodium, Total	65	J	mg/kg	190	16.	2	07/23/16 10:15	07/26/16 22:04	EPA 3050B	1,6010C	MC
Thallium, Total	ND		mg/kg	1.9	0.30	2	07/23/16 10:15	07/26/16 22:04	EPA 3050B	1,6010C	MC
Vanadium, Total	22		mg/kg	0.94	0.09	2	07/23/16 10:15	07/26/16 22:04	EPA 3050B	1,6010C	MC
Zinc, Total	30		mg/kg	4.7	0.66	2	07/23/16 10:15	07/26/16 22:04	EPA 3050B	1,6010C	MC



Project Name: DC UNITED
Project Number: 40223-004

Lab Number: L1622741
Report Date: 07/31/16

SAMPLE RESULTS

Lab ID: L1622741-03
 Client ID: DP-162-SO-100-01
 Sample Location: WASHINGTON, D.C.
 Matrix: Soil
 Percent Solids: 82%

Date Collected: 07/21/16 08:35
 Date Received: 07/21/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	6800		mg/kg	9.5	1.9	2	07/23/16 10:15	07/26/16 22:08	EPA 3050B	1,6010C	MC
Antimony, Total	0.78	J	mg/kg	4.8	0.76	2	07/23/16 10:15	07/26/16 22:08	EPA 3050B	1,6010C	MC
Arsenic, Total	4.4		mg/kg	0.95	0.32	2	07/23/16 10:15	07/26/16 22:08	EPA 3050B	1,6010C	MC
Barium, Total	53		mg/kg	0.95	0.26	2	07/23/16 10:15	07/26/16 22:08	EPA 3050B	1,6010C	MC
Beryllium, Total	0.34	J	mg/kg	0.48	0.10	2	07/23/16 10:15	07/26/16 22:08	EPA 3050B	1,6010C	MC
Cadmium, Total	ND		mg/kg	0.95	0.07	2	07/23/16 10:15	07/26/16 22:08	EPA 3050B	1,6010C	MC
Calcium, Total	12000		mg/kg	9.5	2.6	2	07/23/16 10:15	07/26/16 22:08	EPA 3050B	1,6010C	MC
Chromium, Total	12		mg/kg	0.95	0.16	2	07/23/16 10:15	07/26/16 22:08	EPA 3050B	1,6010C	MC
Cobalt, Total	5.8		mg/kg	1.9	0.47	2	07/23/16 10:15	07/26/16 22:08	EPA 3050B	1,6010C	MC
Copper, Total	11		mg/kg	0.95	0.17	2	07/23/16 10:15	07/26/16 22:08	EPA 3050B	1,6010C	MC
Iron, Total	14000		mg/kg	4.8	1.5	2	07/23/16 10:15	07/26/16 22:08	EPA 3050B	1,6010C	MC
Lead, Total	93		mg/kg	4.8	0.21	2	07/23/16 10:15	07/26/16 22:08	EPA 3050B	1,6010C	MC
Magnesium, Total	1200		mg/kg	9.5	1.3	2	07/23/16 10:15	07/26/16 22:08	EPA 3050B	1,6010C	MC
Manganese, Total	170		mg/kg	0.95	0.23	2	07/23/16 10:15	07/26/16 22:08	EPA 3050B	1,6010C	MC
Mercury, Total	0.08		mg/kg	0.08	0.02	1	07/23/16 13:10	07/26/16 22:14	EPA 7471B	1,7471B	EA
Nickel, Total	7.9		mg/kg	2.4	0.38	2	07/23/16 10:15	07/26/16 22:08	EPA 3050B	1,6010C	MC
Potassium, Total	570		mg/kg	240	27.	2	07/23/16 10:15	07/26/16 22:08	EPA 3050B	1,6010C	MC
Selenium, Total	0.66	J	mg/kg	1.9	0.26	2	07/23/16 10:15	07/26/16 22:08	EPA 3050B	1,6010C	MC
Silver, Total	ND		mg/kg	0.95	0.19	2	07/23/16 10:15	07/26/16 22:08	EPA 3050B	1,6010C	MC
Sodium, Total	89	J	mg/kg	190	16.	2	07/23/16 10:15	07/26/16 22:08	EPA 3050B	1,6010C	MC
Thallium, Total	ND		mg/kg	1.9	0.30	2	07/23/16 10:15	07/26/16 22:08	EPA 3050B	1,6010C	MC
Vanadium, Total	17		mg/kg	0.95	0.09	2	07/23/16 10:15	07/26/16 22:08	EPA 3050B	1,6010C	MC
Zinc, Total	44		mg/kg	4.8	0.67	2	07/23/16 10:15	07/26/16 22:08	EPA 3050B	1,6010C	MC



Project Name: DC UNITED
Project Number: 40223-004

Lab Number: L1622741
Report Date: 07/31/16

SAMPLE RESULTS

Lab ID: L1622741-04
 Client ID: DP-161-SO-010-01
 Sample Location: WASHINGTON, D.C.
 Matrix: Soil
 Percent Solids: 79%

Date Collected: 07/21/16 08:05
 Date Received: 07/21/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	10000		mg/kg	10	2.0	2	07/23/16 10:15	07/26/16 22:12	EPA 3050B	1,6010C	MC
Antimony, Total	ND		mg/kg	5.0	0.80	2	07/23/16 10:15	07/26/16 22:12	EPA 3050B	1,6010C	MC
Arsenic, Total	3.5		mg/kg	1.0	0.33	2	07/23/16 10:15	07/26/16 22:12	EPA 3050B	1,6010C	MC
Barium, Total	62		mg/kg	1.0	0.27	2	07/23/16 10:15	07/26/16 22:12	EPA 3050B	1,6010C	MC
Beryllium, Total	0.84		mg/kg	0.50	0.11	2	07/23/16 10:15	07/26/16 22:12	EPA 3050B	1,6010C	MC
Cadmium, Total	ND		mg/kg	1.0	0.07	2	07/23/16 10:15	07/26/16 22:12	EPA 3050B	1,6010C	MC
Calcium, Total	8800		mg/kg	10	2.8	2	07/23/16 10:15	07/26/16 22:12	EPA 3050B	1,6010C	MC
Chromium, Total	45		mg/kg	1.0	0.17	2	07/23/16 10:15	07/26/16 22:12	EPA 3050B	1,6010C	MC
Cobalt, Total	19		mg/kg	2.0	0.49	2	07/23/16 10:15	07/26/16 22:12	EPA 3050B	1,6010C	MC
Copper, Total	38		mg/kg	1.0	0.18	2	07/23/16 10:15	07/26/16 22:12	EPA 3050B	1,6010C	MC
Iron, Total	26000		mg/kg	5.0	1.6	2	07/23/16 10:15	07/26/16 22:12	EPA 3050B	1,6010C	MC
Lead, Total	41		mg/kg	5.0	0.22	2	07/23/16 10:15	07/26/16 22:12	EPA 3050B	1,6010C	MC
Magnesium, Total	3200		mg/kg	10	1.3	2	07/23/16 10:15	07/26/16 22:12	EPA 3050B	1,6010C	MC
Manganese, Total	470		mg/kg	1.0	0.24	2	07/23/16 10:15	07/26/16 22:12	EPA 3050B	1,6010C	MC
Mercury, Total	0.05	J	mg/kg	0.09	0.02	1	07/23/16 13:10	07/26/16 22:16	EPA 7471B	1,7471B	EA
Nickel, Total	20		mg/kg	2.5	0.40	2	07/23/16 10:15	07/26/16 22:12	EPA 3050B	1,6010C	MC
Potassium, Total	1500		mg/kg	250	28.	2	07/23/16 10:15	07/26/16 22:12	EPA 3050B	1,6010C	MC
Selenium, Total	0.65	J	mg/kg	2.0	0.27	2	07/23/16 10:15	07/26/16 22:12	EPA 3050B	1,6010C	MC
Silver, Total	ND		mg/kg	1.0	0.20	2	07/23/16 10:15	07/26/16 22:12	EPA 3050B	1,6010C	MC
Sodium, Total	150	J	mg/kg	200	17.	2	07/23/16 10:15	07/26/16 22:12	EPA 3050B	1,6010C	MC
Thallium, Total	ND		mg/kg	2.0	0.32	2	07/23/16 10:15	07/26/16 22:12	EPA 3050B	1,6010C	MC
Vanadium, Total	75		mg/kg	1.0	0.09	2	07/23/16 10:15	07/26/16 22:12	EPA 3050B	1,6010C	MC
Zinc, Total	62		mg/kg	5.0	0.70	2	07/23/16 10:15	07/26/16 22:12	EPA 3050B	1,6010C	MC



Project Name: DC UNITED
Project Number: 40223-004

Lab Number: L1622741
Report Date: 07/31/16

SAMPLE RESULTS

Lab ID: L1622741-05
 Client ID: DP-161-SO-050-01
 Sample Location: WASHINGTON, D.C.
 Matrix: Soil
 Percent Solids: 80%

Date Collected: 07/21/16 08:10
 Date Received: 07/21/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	8300		mg/kg	10	2.0	2	07/23/16 10:15	07/26/16 22:16	EPA 3050B	1,6010C	MC
Antimony, Total	ND		mg/kg	5.0	0.80	2	07/23/16 10:15	07/26/16 22:16	EPA 3050B	1,6010C	MC
Arsenic, Total	2.4		mg/kg	1.0	0.33	2	07/23/16 10:15	07/26/16 22:16	EPA 3050B	1,6010C	MC
Barium, Total	45		mg/kg	1.0	0.27	2	07/23/16 10:15	07/26/16 22:16	EPA 3050B	1,6010C	MC
Beryllium, Total	0.64		mg/kg	0.50	0.11	2	07/23/16 10:15	07/26/16 22:16	EPA 3050B	1,6010C	MC
Cadmium, Total	ND		mg/kg	1.0	0.07	2	07/23/16 10:15	07/26/16 22:16	EPA 3050B	1,6010C	MC
Calcium, Total	4600		mg/kg	10	2.7	2	07/23/16 10:15	07/26/16 22:16	EPA 3050B	1,6010C	MC
Chromium, Total	37		mg/kg	1.0	0.17	2	07/23/16 10:15	07/26/16 22:16	EPA 3050B	1,6010C	MC
Cobalt, Total	18		mg/kg	2.0	0.49	2	07/23/16 10:15	07/26/16 22:16	EPA 3050B	1,6010C	MC
Copper, Total	27		mg/kg	1.0	0.18	2	07/23/16 10:15	07/26/16 22:16	EPA 3050B	1,6010C	MC
Iron, Total	21000		mg/kg	5.0	1.6	2	07/23/16 10:15	07/26/16 22:16	EPA 3050B	1,6010C	MC
Lead, Total	12		mg/kg	5.0	0.22	2	07/23/16 10:15	07/26/16 22:16	EPA 3050B	1,6010C	MC
Magnesium, Total	2300		mg/kg	10	1.3	2	07/23/16 10:15	07/26/16 22:16	EPA 3050B	1,6010C	MC
Manganese, Total	420		mg/kg	1.0	0.24	2	07/23/16 10:15	07/26/16 22:16	EPA 3050B	1,6010C	MC
Mercury, Total	0.03	J	mg/kg	0.08	0.02	1	07/23/16 13:10	07/26/16 22:18	EPA 7471B	1,7471B	EA
Nickel, Total	15		mg/kg	2.5	0.40	2	07/23/16 10:15	07/26/16 22:16	EPA 3050B	1,6010C	MC
Potassium, Total	1100		mg/kg	250	28.	2	07/23/16 10:15	07/26/16 22:16	EPA 3050B	1,6010C	MC
Selenium, Total	ND		mg/kg	2.0	0.27	2	07/23/16 10:15	07/26/16 22:16	EPA 3050B	1,6010C	MC
Silver, Total	ND		mg/kg	1.0	0.20	2	07/23/16 10:15	07/26/16 22:16	EPA 3050B	1,6010C	MC
Sodium, Total	85	J	mg/kg	200	17.	2	07/23/16 10:15	07/26/16 22:16	EPA 3050B	1,6010C	MC
Thallium, Total	ND		mg/kg	2.0	0.32	2	07/23/16 10:15	07/26/16 22:16	EPA 3050B	1,6010C	MC
Vanadium, Total	60		mg/kg	1.0	0.09	2	07/23/16 10:15	07/26/16 22:16	EPA 3050B	1,6010C	MC
Zinc, Total	39		mg/kg	5.0	0.70	2	07/23/16 10:15	07/26/16 22:16	EPA 3050B	1,6010C	MC



Project Name: DC UNITED
Project Number: 40223-004

Lab Number: L1622741
Report Date: 07/31/16

SAMPLE RESULTS

Lab ID: L1622741-06
 Client ID: DP-161-SO-100-01
 Sample Location: WASHINGTON, D.C.
 Matrix: Soil
 Percent Solids: 72%

Date Collected: 07/21/16 08:15
 Date Received: 07/21/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	7500		mg/kg	11	2.2	2	07/23/16 10:15	07/26/16 23:04	EPA 3050B	1,6010C	MC
Antimony, Total	1.2	J	mg/kg	5.5	0.88	2	07/23/16 10:15	07/26/16 23:04	EPA 3050B	1,6010C	MC
Arsenic, Total	9.8		mg/kg	1.1	0.36	2	07/23/16 10:15	07/26/16 23:04	EPA 3050B	1,6010C	MC
Barium, Total	110		mg/kg	1.1	0.30	2	07/23/16 10:15	07/26/16 23:04	EPA 3050B	1,6010C	MC
Beryllium, Total	0.37	J	mg/kg	0.55	0.12	2	07/23/16 10:15	07/26/16 23:04	EPA 3050B	1,6010C	MC
Cadmium, Total	0.28	J	mg/kg	1.1	0.08	2	07/23/16 10:15	07/26/16 23:04	EPA 3050B	1,6010C	MC
Calcium, Total	69000		mg/kg	11	3.0	2	07/23/16 10:15	07/26/16 23:04	EPA 3050B	1,6010C	MC
Chromium, Total	16		mg/kg	1.1	0.19	2	07/23/16 10:15	07/26/16 23:04	EPA 3050B	1,6010C	MC
Cobalt, Total	9.1		mg/kg	2.2	0.54	2	07/23/16 10:15	07/26/16 23:04	EPA 3050B	1,6010C	MC
Copper, Total	30		mg/kg	1.1	0.20	2	07/23/16 10:15	07/26/16 23:04	EPA 3050B	1,6010C	MC
Iron, Total	25000		mg/kg	5.5	1.7	2	07/23/16 10:15	07/26/16 23:04	EPA 3050B	1,6010C	MC
Lead, Total	140		mg/kg	5.5	0.24	2	07/23/16 10:15	07/26/16 23:04	EPA 3050B	1,6010C	MC
Magnesium, Total	2900		mg/kg	11	1.5	2	07/23/16 10:15	07/26/16 23:04	EPA 3050B	1,6010C	MC
Manganese, Total	420		mg/kg	1.1	0.26	2	07/23/16 10:15	07/26/16 23:04	EPA 3050B	1,6010C	MC
Mercury, Total	2.4		mg/kg	0.09	0.02	1	07/23/16 13:10	07/26/16 22:19	EPA 7471B	1,7471B	EA
Nickel, Total	11		mg/kg	2.8	0.44	2	07/23/16 10:15	07/26/16 23:04	EPA 3050B	1,6010C	MC
Potassium, Total	1000		mg/kg	280	31.	2	07/23/16 10:15	07/26/16 23:04	EPA 3050B	1,6010C	MC
Selenium, Total	0.68	J	mg/kg	2.2	0.30	2	07/23/16 10:15	07/26/16 23:04	EPA 3050B	1,6010C	MC
Silver, Total	ND		mg/kg	1.1	0.22	2	07/23/16 10:15	07/26/16 23:04	EPA 3050B	1,6010C	MC
Sodium, Total	320		mg/kg	220	18.	2	07/23/16 10:15	07/26/16 23:04	EPA 3050B	1,6010C	MC
Thallium, Total	ND		mg/kg	2.2	0.35	2	07/23/16 10:15	07/26/16 23:04	EPA 3050B	1,6010C	MC
Vanadium, Total	22		mg/kg	1.1	0.10	2	07/23/16 10:15	07/26/16 23:04	EPA 3050B	1,6010C	MC
Zinc, Total	190		mg/kg	5.5	0.77	2	07/23/16 10:15	07/26/16 23:04	EPA 3050B	1,6010C	MC



Project Name: DC UNITED
Project Number: 40223-004

Lab Number: L1622741
Report Date: 07/31/16

SAMPLE RESULTS

Lab ID: L1622741-07
 Client ID: DP-160-SO-010-01
 Sample Location: WASHINGTON, D.C.
 Matrix: Soil
 Percent Solids: 81%

Date Collected: 07/21/16 07:40
 Date Received: 07/21/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	10000		mg/kg	9.6	1.9	2	07/23/16 10:15	07/26/16 23:08	EPA 3050B	1,6010C	MC
Antimony, Total	ND		mg/kg	4.8	0.77	2	07/23/16 10:15	07/26/16 23:08	EPA 3050B	1,6010C	MC
Arsenic, Total	2.3		mg/kg	0.96	0.32	2	07/23/16 10:15	07/26/16 23:08	EPA 3050B	1,6010C	MC
Barium, Total	56		mg/kg	0.96	0.26	2	07/23/16 10:15	07/26/16 23:08	EPA 3050B	1,6010C	MC
Beryllium, Total	0.75		mg/kg	0.48	0.10	2	07/23/16 10:15	07/26/16 23:08	EPA 3050B	1,6010C	MC
Cadmium, Total	ND		mg/kg	0.96	0.07	2	07/23/16 10:15	07/26/16 23:08	EPA 3050B	1,6010C	MC
Calcium, Total	6300		mg/kg	9.6	2.6	2	07/23/16 10:15	07/26/16 23:08	EPA 3050B	1,6010C	MC
Chromium, Total	52		mg/kg	0.96	0.16	2	07/23/16 10:15	07/26/16 23:08	EPA 3050B	1,6010C	MC
Cobalt, Total	16		mg/kg	1.9	0.47	2	07/23/16 10:15	07/26/16 23:08	EPA 3050B	1,6010C	MC
Copper, Total	28		mg/kg	0.96	0.17	2	07/23/16 10:15	07/26/16 23:08	EPA 3050B	1,6010C	MC
Iron, Total	23000		mg/kg	4.8	1.5	2	07/23/16 10:15	07/26/16 23:08	EPA 3050B	1,6010C	MC
Lead, Total	9.8		mg/kg	4.8	0.21	2	07/23/16 10:15	07/26/16 23:08	EPA 3050B	1,6010C	MC
Magnesium, Total	3600		mg/kg	9.6	1.3	2	07/23/16 10:15	07/26/16 23:08	EPA 3050B	1,6010C	MC
Manganese, Total	330		mg/kg	0.96	0.23	2	07/23/16 10:15	07/26/16 23:08	EPA 3050B	1,6010C	MC
Mercury, Total	0.03	J	mg/kg	0.08	0.02	1	07/23/16 13:10	07/26/16 22:22	EPA 7471B	1,7471B	EA
Nickel, Total	20		mg/kg	2.4	0.38	2	07/23/16 10:15	07/26/16 23:08	EPA 3050B	1,6010C	MC
Potassium, Total	1300		mg/kg	240	27.	2	07/23/16 10:15	07/26/16 23:08	EPA 3050B	1,6010C	MC
Selenium, Total	0.34	J	mg/kg	1.9	0.26	2	07/23/16 10:15	07/26/16 23:08	EPA 3050B	1,6010C	MC
Silver, Total	ND		mg/kg	0.96	0.19	2	07/23/16 10:15	07/26/16 23:08	EPA 3050B	1,6010C	MC
Sodium, Total	110	J	mg/kg	190	16.	2	07/23/16 10:15	07/26/16 23:08	EPA 3050B	1,6010C	MC
Thallium, Total	ND		mg/kg	1.9	0.31	2	07/23/16 10:15	07/26/16 23:08	EPA 3050B	1,6010C	MC
Vanadium, Total	62		mg/kg	0.96	0.09	2	07/23/16 10:15	07/26/16 23:08	EPA 3050B	1,6010C	MC
Zinc, Total	50		mg/kg	4.8	0.67	2	07/23/16 10:15	07/26/16 23:08	EPA 3050B	1,6010C	MC



Project Name: DC UNITED
Project Number: 40223-004

Lab Number: L1622741
Report Date: 07/31/16

SAMPLE RESULTS

Lab ID: L1622741-08
 Client ID: DP-160-SO-050-01
 Sample Location: WASHINGTON, D.C.
 Matrix: Soil
 Percent Solids: 80%

Date Collected: 07/21/16 07:45
 Date Received: 07/21/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	9600		mg/kg	10	2.0	2	07/23/16 10:15	07/26/16 23:13	EPA 3050B	1,6010C	MC
Antimony, Total	ND		mg/kg	5.0	0.80	2	07/23/16 10:15	07/26/16 23:13	EPA 3050B	1,6010C	MC
Arsenic, Total	2.4		mg/kg	1.0	0.33	2	07/23/16 10:15	07/26/16 23:13	EPA 3050B	1,6010C	MC
Barium, Total	48		mg/kg	1.0	0.27	2	07/23/16 10:15	07/26/16 23:13	EPA 3050B	1,6010C	MC
Beryllium, Total	0.72		mg/kg	0.50	0.11	2	07/23/16 10:15	07/26/16 23:13	EPA 3050B	1,6010C	MC
Cadmium, Total	ND		mg/kg	1.0	0.07	2	07/23/16 10:15	07/26/16 23:13	EPA 3050B	1,6010C	MC
Calcium, Total	4100		mg/kg	10	2.8	2	07/23/16 10:15	07/26/16 23:13	EPA 3050B	1,6010C	MC
Chromium, Total	44		mg/kg	1.0	0.17	2	07/23/16 10:15	07/26/16 23:13	EPA 3050B	1,6010C	MC
Cobalt, Total	17		mg/kg	2.0	0.49	2	07/23/16 10:15	07/26/16 23:13	EPA 3050B	1,6010C	MC
Copper, Total	29		mg/kg	1.0	0.18	2	07/23/16 10:15	07/26/16 23:13	EPA 3050B	1,6010C	MC
Iron, Total	22000		mg/kg	5.0	1.6	2	07/23/16 10:15	07/26/16 23:13	EPA 3050B	1,6010C	MC
Lead, Total	11		mg/kg	5.0	0.22	2	07/23/16 10:15	07/26/16 23:13	EPA 3050B	1,6010C	MC
Magnesium, Total	2900		mg/kg	10	1.3	2	07/23/16 10:15	07/26/16 23:13	EPA 3050B	1,6010C	MC
Manganese, Total	360		mg/kg	1.0	0.24	2	07/23/16 10:15	07/26/16 23:13	EPA 3050B	1,6010C	MC
Mercury, Total	0.03	J	mg/kg	0.08	0.02	1	07/23/16 13:10	07/26/16 22:24	EPA 7471B	1,7471B	EA
Nickel, Total	17		mg/kg	2.5	0.40	2	07/23/16 10:15	07/26/16 23:13	EPA 3050B	1,6010C	MC
Potassium, Total	1200		mg/kg	250	28.	2	07/23/16 10:15	07/26/16 23:13	EPA 3050B	1,6010C	MC
Selenium, Total	0.34	J	mg/kg	2.0	0.27	2	07/23/16 10:15	07/26/16 23:13	EPA 3050B	1,6010C	MC
Silver, Total	ND		mg/kg	1.0	0.20	2	07/23/16 10:15	07/26/16 23:13	EPA 3050B	1,6010C	MC
Sodium, Total	110	J	mg/kg	200	17.	2	07/23/16 10:15	07/26/16 23:13	EPA 3050B	1,6010C	MC
Thallium, Total	ND		mg/kg	2.0	0.32	2	07/23/16 10:15	07/26/16 23:13	EPA 3050B	1,6010C	MC
Vanadium, Total	63		mg/kg	1.0	0.09	2	07/23/16 10:15	07/26/16 23:13	EPA 3050B	1,6010C	MC
Zinc, Total	48		mg/kg	5.0	0.70	2	07/23/16 10:15	07/26/16 23:13	EPA 3050B	1,6010C	MC



Project Name: DC UNITED
Project Number: 40223-004

Lab Number: L1622741
Report Date: 07/31/16

SAMPLE RESULTS

Lab ID: L1622741-09
 Client ID: DP-160-SO-100-01
 Sample Location: WASHINGTON, D.C.
 Matrix: Soil
 Percent Solids: 81%

Date Collected: 07/21/16 07:50
 Date Received: 07/21/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	7800		mg/kg	9.7	1.9	2	07/23/16 10:15	07/27/16 10:47	EPA 3050B	1,6010C	JH
Antimony, Total	1.2	J	mg/kg	4.8	0.77	2	07/23/16 10:15	07/27/16 01:25	EPA 3050B	1,6010C	MC
Arsenic, Total	6.6		mg/kg	0.97	0.32	2	07/23/16 10:15	07/27/16 01:25	EPA 3050B	1,6010C	MC
Barium, Total	97		mg/kg	0.97	0.26	2	07/23/16 10:15	07/27/16 01:25	EPA 3050B	1,6010C	MC
Beryllium, Total	0.42	J	mg/kg	0.48	0.11	2	07/23/16 10:15	07/27/16 01:25	EPA 3050B	1,6010C	MC
Cadmium, Total	0.21	J	mg/kg	0.97	0.07	2	07/23/16 10:15	07/27/16 01:25	EPA 3050B	1,6010C	MC
Calcium, Total	5600		mg/kg	9.7	2.6	2	07/23/16 10:15	07/27/16 01:25	EPA 3050B	1,6010C	MC
Chromium, Total	13		mg/kg	0.97	0.16	2	07/23/16 10:15	07/27/16 01:25	EPA 3050B	1,6010C	MC
Cobalt, Total	7.5		mg/kg	1.9	0.47	2	07/23/16 10:15	07/27/16 01:25	EPA 3050B	1,6010C	MC
Copper, Total	15		mg/kg	0.97	0.17	2	07/23/16 10:15	07/27/16 01:25	EPA 3050B	1,6010C	MC
Iron, Total	16000		mg/kg	4.8	1.5	2	07/23/16 10:15	07/27/16 01:25	EPA 3050B	1,6010C	MC
Lead, Total	260		mg/kg	4.8	0.21	2	07/23/16 10:15	07/27/16 01:25	EPA 3050B	1,6010C	MC
Magnesium, Total	1100		mg/kg	9.7	1.3	2	07/23/16 10:15	07/27/16 01:25	EPA 3050B	1,6010C	MC
Manganese, Total	270		mg/kg	0.97	0.23	2	07/23/16 10:15	07/27/16 01:25	EPA 3050B	1,6010C	MC
Mercury, Total	0.16		mg/kg	0.08	0.02	1	07/23/16 13:10	07/26/16 22:25	EPA 7471B	1,7471B	EA
Nickel, Total	10		mg/kg	2.4	0.39	2	07/23/16 10:15	07/27/16 01:25	EPA 3050B	1,6010C	MC
Potassium, Total	550		mg/kg	240	27.	2	07/23/16 10:15	07/27/16 01:25	EPA 3050B	1,6010C	MC
Selenium, Total	0.52	J	mg/kg	1.9	0.26	2	07/23/16 10:15	07/27/16 01:25	EPA 3050B	1,6010C	MC
Silver, Total	ND		mg/kg	0.97	0.19	2	07/23/16 10:15	07/27/16 01:25	EPA 3050B	1,6010C	MC
Sodium, Total	62	J	mg/kg	190	16.	2	07/23/16 10:15	07/27/16 01:25	EPA 3050B	1,6010C	MC
Thallium, Total	ND		mg/kg	1.9	0.31	2	07/23/16 10:15	07/27/16 01:25	EPA 3050B	1,6010C	MC
Vanadium, Total	18		mg/kg	0.97	0.09	2	07/23/16 10:15	07/27/16 01:25	EPA 3050B	1,6010C	MC
Zinc, Total	700		mg/kg	4.8	0.68	2	07/23/16 10:15	07/27/16 01:25	EPA 3050B	1,6010C	MC



Project Name: DC UNITED
Project Number: 40223-004

Lab Number: L1622741
Report Date: 07/31/16

SAMPLE RESULTS

Lab ID: L1622741-10
 Client ID: DP-155-SO-010-01
 Sample Location: WASHINGTON, D.C.
 Matrix: Soil
 Percent Solids: 88%

Date Collected: 07/21/16 07:25
 Date Received: 07/21/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	5800		mg/kg	8.9	1.8	2	07/23/16 10:15	07/27/16 10:55	EPA 3050B	1,6010C	JH
Antimony, Total	7.9		mg/kg	4.4	0.71	2	07/23/16 10:15	07/27/16 01:29	EPA 3050B	1,6010C	MC
Arsenic, Total	15		mg/kg	0.89	0.29	2	07/23/16 10:15	07/27/16 01:29	EPA 3050B	1,6010C	MC
Barium, Total	190		mg/kg	0.89	0.24	2	07/23/16 10:15	07/27/16 01:29	EPA 3050B	1,6010C	MC
Beryllium, Total	0.10	J	mg/kg	0.44	0.10	2	07/23/16 10:15	07/27/16 01:29	EPA 3050B	1,6010C	MC
Cadmium, Total	5.7		mg/kg	0.89	0.06	2	07/23/16 10:15	07/27/16 01:29	EPA 3050B	1,6010C	MC
Calcium, Total	29000		mg/kg	8.9	2.4	2	07/23/16 10:15	07/27/16 01:29	EPA 3050B	1,6010C	MC
Chromium, Total	240		mg/kg	0.89	0.15	2	07/23/16 10:15	07/27/16 01:29	EPA 3050B	1,6010C	MC
Cobalt, Total	14		mg/kg	1.8	0.44	2	07/23/16 10:15	07/27/16 01:29	EPA 3050B	1,6010C	MC
Copper, Total	910		mg/kg	0.89	0.16	2	07/23/16 10:15	07/27/16 01:29	EPA 3050B	1,6010C	MC
Iron, Total	220000		mg/kg	440	140	200	07/23/16 10:15	07/27/16 10:51	EPA 3050B	1,6010C	JH
Lead, Total	1400		mg/kg	4.4	0.20	2	07/23/16 10:15	07/27/16 01:29	EPA 3050B	1,6010C	MC
Magnesium, Total	6600		mg/kg	8.9	1.2	2	07/23/16 10:15	07/27/16 01:29	EPA 3050B	1,6010C	MC
Manganese, Total	2800		mg/kg	0.89	0.21	2	07/23/16 10:15	07/27/16 01:29	EPA 3050B	1,6010C	MC
Mercury, Total	7.3		mg/kg	0.36	0.08	5	07/23/16 13:10	07/26/16 23:14	EPA 7471B	1,7471B	EA
Nickel, Total	98		mg/kg	2.2	0.36	2	07/23/16 10:15	07/27/16 01:29	EPA 3050B	1,6010C	MC
Potassium, Total	580		mg/kg	220	25.	2	07/23/16 10:15	07/27/16 01:29	EPA 3050B	1,6010C	MC
Selenium, Total	1.9		mg/kg	1.8	0.24	2	07/23/16 10:15	07/27/16 01:29	EPA 3050B	1,6010C	MC
Silver, Total	0.19	J	mg/kg	0.89	0.18	2	07/23/16 10:15	07/27/16 01:29	EPA 3050B	1,6010C	MC
Sodium, Total	380		mg/kg	180	15.	2	07/23/16 10:15	07/27/16 01:29	EPA 3050B	1,6010C	MC
Thallium, Total	ND		mg/kg	1.8	0.28	2	07/23/16 10:15	07/27/16 01:29	EPA 3050B	1,6010C	MC
Vanadium, Total	100		mg/kg	0.89	0.08	2	07/23/16 10:15	07/27/16 01:29	EPA 3050B	1,6010C	MC
Zinc, Total	3400		mg/kg	4.4	0.62	2	07/23/16 10:15	07/27/16 01:29	EPA 3050B	1,6010C	MC



Project Name: DC UNITED
Project Number: 40223-004

Lab Number: L1622741
Report Date: 07/31/16

SAMPLE RESULTS

Lab ID: L1622741-11
 Client ID: DP-155-SO-050-01
 Sample Location: WASHINGTON, D.C.
 Matrix: Soil
 Percent Solids: 85%

Date Collected: 07/21/16 07:30
 Date Received: 07/21/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	7200		mg/kg	9.2	1.8	2	07/23/16 10:15	07/27/16 11:03	EPA 3050B	1,6010C	JH
Antimony, Total	44		mg/kg	4.6	0.74	2	07/23/16 10:15	07/27/16 01:34	EPA 3050B	1,6010C	MC
Arsenic, Total	11		mg/kg	0.92	0.30	2	07/23/16 10:15	07/27/16 01:34	EPA 3050B	1,6010C	MC
Barium, Total	330		mg/kg	0.92	0.25	2	07/23/16 10:15	07/27/16 01:34	EPA 3050B	1,6010C	MC
Beryllium, Total	0.25	J	mg/kg	0.46	0.10	2	07/23/16 10:15	07/27/16 01:34	EPA 3050B	1,6010C	MC
Cadmium, Total	14		mg/kg	0.92	0.06	2	07/23/16 10:15	07/27/16 01:34	EPA 3050B	1,6010C	MC
Calcium, Total	45000		mg/kg	9.2	2.5	2	07/23/16 10:15	07/27/16 01:34	EPA 3050B	1,6010C	MC
Chromium, Total	160		mg/kg	0.92	0.16	2	07/23/16 10:15	07/27/16 01:34	EPA 3050B	1,6010C	MC
Cobalt, Total	13		mg/kg	1.8	0.45	2	07/23/16 10:15	07/27/16 01:34	EPA 3050B	1,6010C	MC
Copper, Total	440		mg/kg	0.92	0.16	2	07/23/16 10:15	07/27/16 01:34	EPA 3050B	1,6010C	MC
Iron, Total	64000		mg/kg	460	140	200	07/23/16 10:15	07/27/16 10:59	EPA 3050B	1,6010C	JH
Lead, Total	2200		mg/kg	4.6	0.20	2	07/23/16 10:15	07/27/16 01:34	EPA 3050B	1,6010C	MC
Magnesium, Total	6700		mg/kg	9.2	1.2	2	07/23/16 10:15	07/27/16 01:34	EPA 3050B	1,6010C	MC
Manganese, Total	430		mg/kg	0.92	0.22	2	07/23/16 10:15	07/27/16 01:34	EPA 3050B	1,6010C	MC
Mercury, Total	15		mg/kg	7.4	1.6	100	07/23/16 13:10	07/26/16 23:16	EPA 7471B	1,7471B	EA
Nickel, Total	53		mg/kg	2.3	0.37	2	07/23/16 10:15	07/27/16 01:34	EPA 3050B	1,6010C	MC
Potassium, Total	1200		mg/kg	230	26.	2	07/23/16 10:15	07/27/16 01:34	EPA 3050B	1,6010C	MC
Selenium, Total	0.78	J	mg/kg	1.8	0.25	2	07/23/16 10:15	07/27/16 01:34	EPA 3050B	1,6010C	MC
Silver, Total	1.3		mg/kg	0.92	0.18	2	07/23/16 10:15	07/27/16 01:34	EPA 3050B	1,6010C	MC
Sodium, Total	640		mg/kg	180	15.	2	07/23/16 10:15	07/27/16 01:34	EPA 3050B	1,6010C	MC
Thallium, Total	ND		mg/kg	1.8	0.29	2	07/23/16 10:15	07/27/16 01:34	EPA 3050B	1,6010C	MC
Vanadium, Total	28		mg/kg	0.92	0.08	2	07/23/16 10:15	07/27/16 01:34	EPA 3050B	1,6010C	MC
Zinc, Total	4500		mg/kg	4.6	0.64	2	07/23/16 10:15	07/27/16 01:34	EPA 3050B	1,6010C	MC



Project Name: DC UNITED
Project Number: 40223-004

Lab Number: L1622741
Report Date: 07/31/16

SAMPLE RESULTS

Lab ID: L1622741-12
 Client ID: DP-155-SO-100-01
 Sample Location: WASHINGTON, D.C.
 Matrix: Soil
 Percent Solids: 86%

Date Collected: 07/21/16 07:35
 Date Received: 07/21/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	14000		mg/kg	9.2	1.8	2	07/23/16 10:15	07/27/16 11:08	EPA 3050B	1,6010C	JH
Antimony, Total	ND		mg/kg	4.6	0.74	2	07/23/16 10:15	07/27/16 01:38	EPA 3050B	1,6010C	MC
Arsenic, Total	7.2		mg/kg	0.92	0.30	2	07/23/16 10:15	07/27/16 01:38	EPA 3050B	1,6010C	MC
Barium, Total	67		mg/kg	0.92	0.25	2	07/23/16 10:15	07/27/16 01:38	EPA 3050B	1,6010C	MC
Beryllium, Total	0.49		mg/kg	0.46	0.10	2	07/23/16 10:15	07/27/16 01:38	EPA 3050B	1,6010C	MC
Cadmium, Total	ND		mg/kg	0.92	0.07	2	07/23/16 10:15	07/27/16 01:38	EPA 3050B	1,6010C	MC
Calcium, Total	1500		mg/kg	9.2	2.5	2	07/23/16 10:15	07/27/16 01:38	EPA 3050B	1,6010C	MC
Chromium, Total	19		mg/kg	0.92	0.16	2	07/23/16 10:15	07/27/16 01:38	EPA 3050B	1,6010C	MC
Cobalt, Total	9.1		mg/kg	1.8	0.45	2	07/23/16 10:15	07/27/16 01:38	EPA 3050B	1,6010C	MC
Copper, Total	13		mg/kg	0.92	0.17	2	07/23/16 10:15	07/27/16 01:38	EPA 3050B	1,6010C	MC
Iron, Total	24000		mg/kg	4.6	1.4	2	07/23/16 10:15	07/27/16 01:38	EPA 3050B	1,6010C	MC
Lead, Total	17		mg/kg	4.6	0.20	2	07/23/16 10:15	07/27/16 01:38	EPA 3050B	1,6010C	MC
Magnesium, Total	1700		mg/kg	9.2	1.2	2	07/23/16 10:15	07/27/16 01:38	EPA 3050B	1,6010C	MC
Manganese, Total	290		mg/kg	0.92	0.22	2	07/23/16 10:15	07/27/16 01:38	EPA 3050B	1,6010C	MC
Mercury, Total	0.065	J	mg/kg	0.073	0.015	1	07/23/16 13:10	07/26/16 22:44	EPA 7471B	1,7471B	EA
Nickel, Total	12		mg/kg	2.3	0.37	2	07/23/16 10:15	07/27/16 01:38	EPA 3050B	1,6010C	MC
Potassium, Total	720		mg/kg	230	26.	2	07/23/16 10:15	07/27/16 01:38	EPA 3050B	1,6010C	MC
Selenium, Total	ND		mg/kg	1.8	0.25	2	07/23/16 10:15	07/27/16 01:38	EPA 3050B	1,6010C	MC
Silver, Total	ND		mg/kg	0.92	0.18	2	07/23/16 10:15	07/27/16 01:38	EPA 3050B	1,6010C	MC
Sodium, Total	210		mg/kg	180	15.	2	07/23/16 10:15	07/27/16 01:38	EPA 3050B	1,6010C	MC
Thallium, Total	ND		mg/kg	1.8	0.30	2	07/23/16 10:15	07/27/16 01:38	EPA 3050B	1,6010C	MC
Vanadium, Total	29		mg/kg	0.92	0.08	2	07/23/16 10:15	07/27/16 01:38	EPA 3050B	1,6010C	MC
Zinc, Total	47		mg/kg	4.6	0.65	2	07/23/16 10:15	07/27/16 01:38	EPA 3050B	1,6010C	MC



Project Name: DC UNITED
Project Number: 40223-004

Lab Number: L1622741
Report Date: 07/31/16

SAMPLE RESULTS

Lab ID: L1622741-13
 Client ID: DP-154-SO-010-01
 Sample Location: WASHINGTON, D.C.
 Matrix: Soil
 Percent Solids: 79%

Date Collected: 07/21/16 10:40
 Date Received: 07/21/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	5900		mg/kg	9.9	2.0	2	07/23/16 10:15	07/27/16 11:16	EPA 3050B	1,6010C	JH
Antimony, Total	20		mg/kg	5.0	0.79	2	07/23/16 10:15	07/27/16 01:42	EPA 3050B	1,6010C	MC
Arsenic, Total	22		mg/kg	0.99	0.33	2	07/23/16 10:15	07/27/16 01:42	EPA 3050B	1,6010C	MC
Barium, Total	330		mg/kg	0.99	0.27	2	07/23/16 10:15	07/27/16 01:42	EPA 3050B	1,6010C	MC
Beryllium, Total	0.23	J	mg/kg	0.50	0.11	2	07/23/16 10:15	07/27/16 01:42	EPA 3050B	1,6010C	MC
Cadmium, Total	6.2		mg/kg	0.99	0.07	2	07/23/16 10:15	07/27/16 01:42	EPA 3050B	1,6010C	MC
Calcium, Total	38000		mg/kg	9.9	2.7	2	07/23/16 10:15	07/27/16 01:42	EPA 3050B	1,6010C	MC
Chromium, Total	400		mg/kg	0.99	0.17	2	07/23/16 10:15	07/27/16 01:42	EPA 3050B	1,6010C	MC
Cobalt, Total	24		mg/kg	2.0	0.49	2	07/23/16 10:15	07/27/16 01:42	EPA 3050B	1,6010C	MC
Copper, Total	1000		mg/kg	0.99	0.18	2	07/23/16 10:15	07/27/16 01:42	EPA 3050B	1,6010C	MC
Iron, Total	330000		mg/kg	500	160	200	07/23/16 10:15	07/27/16 11:12	EPA 3050B	1,6010C	JH
Lead, Total	1100		mg/kg	5.0	0.22	2	07/23/16 10:15	07/27/16 01:42	EPA 3050B	1,6010C	MC
Magnesium, Total	5200		mg/kg	9.9	1.3	2	07/23/16 10:15	07/27/16 01:42	EPA 3050B	1,6010C	MC
Manganese, Total	2500		mg/kg	0.99	0.24	2	07/23/16 10:15	07/27/16 01:42	EPA 3050B	1,6010C	MC
Mercury, Total	2.6		mg/kg	0.08	0.02	1	07/23/16 13:10	07/26/16 22:46	EPA 7471B	1,7471B	EA
Nickel, Total	390		mg/kg	2.5	0.40	2	07/23/16 10:15	07/27/16 01:42	EPA 3050B	1,6010C	MC
Potassium, Total	650		mg/kg	250	28.	2	07/23/16 10:15	07/27/16 01:42	EPA 3050B	1,6010C	MC
Selenium, Total	0.32	J	mg/kg	2.0	0.27	2	07/23/16 10:15	07/27/16 01:42	EPA 3050B	1,6010C	MC
Silver, Total	3.9		mg/kg	0.99	0.20	2	07/23/16 10:15	07/27/16 01:42	EPA 3050B	1,6010C	MC
Sodium, Total	540		mg/kg	200	16.	2	07/23/16 10:15	07/27/16 01:42	EPA 3050B	1,6010C	MC
Thallium, Total	ND		mg/kg	2.0	0.32	2	07/23/16 10:15	07/27/16 01:42	EPA 3050B	1,6010C	MC
Vanadium, Total	77		mg/kg	0.99	0.09	2	07/23/16 10:15	07/27/16 01:42	EPA 3050B	1,6010C	MC
Zinc, Total	3200		mg/kg	5.0	0.69	2	07/23/16 10:15	07/27/16 01:42	EPA 3050B	1,6010C	MC



Project Name: DC UNITED
Project Number: 40223-004

Lab Number: L1622741
Report Date: 07/31/16

SAMPLE RESULTS

Lab ID: L1622741-14
 Client ID: DP-154-SO-050-01
 Sample Location: WASHINGTON, D.C.
 Matrix: Soil
 Percent Solids: 83%

Date Collected: 07/21/16 10:45
 Date Received: 07/21/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	3400		mg/kg	9.5	1.9	2	07/23/16 10:15	07/27/16 16:52	EPA 3050B	1,6010C	JH
Antimony, Total	18		mg/kg	4.8	0.76	2	07/23/16 10:15	07/27/16 01:46	EPA 3050B	1,6010C	MC
Arsenic, Total	35		mg/kg	0.95	0.31	2	07/23/16 10:15	07/27/16 01:46	EPA 3050B	1,6010C	MC
Barium, Total	200		mg/kg	0.95	0.26	2	07/23/16 10:15	07/27/16 01:46	EPA 3050B	1,6010C	MC
Beryllium, Total	0.13	J	mg/kg	0.48	0.10	2	07/23/16 10:15	07/27/16 01:46	EPA 3050B	1,6010C	MC
Cadmium, Total	62		mg/kg	0.95	0.07	2	07/23/16 10:15	07/27/16 01:46	EPA 3050B	1,6010C	MC
Calcium, Total	19000		mg/kg	9.5	2.6	2	07/23/16 10:15	07/27/16 01:46	EPA 3050B	1,6010C	MC
Chromium, Total	190		mg/kg	0.95	0.16	2	07/23/16 10:15	07/27/16 01:46	EPA 3050B	1,6010C	MC
Cobalt, Total	18		mg/kg	1.9	0.47	2	07/23/16 10:15	07/27/16 01:46	EPA 3050B	1,6010C	MC
Copper, Total	14000		mg/kg	95	17.	200	07/23/16 10:15	07/27/16 16:20	EPA 3050B	1,6010C	JH
Iron, Total	250000		mg/kg	480	150	200	07/23/16 10:15	07/27/16 16:20	EPA 3050B	1,6010C	JH
Lead, Total	3200		mg/kg	4.8	0.21	2	07/23/16 10:15	07/27/16 01:46	EPA 3050B	1,6010C	MC
Magnesium, Total	1900		mg/kg	9.5	1.3	2	07/23/16 10:15	07/27/16 01:46	EPA 3050B	1,6010C	MC
Manganese, Total	820		mg/kg	0.95	0.23	2	07/23/16 10:15	07/27/16 01:46	EPA 3050B	1,6010C	MC
Mercury, Total	2.6		mg/kg	0.08	0.02	1	07/23/16 13:10	07/26/16 22:48	EPA 7471B	1,7471B	EA
Nickel, Total	150		mg/kg	2.4	0.38	2	07/23/16 10:15	07/27/16 01:46	EPA 3050B	1,6010C	MC
Potassium, Total	350		mg/kg	240	27.	2	07/23/16 10:15	07/27/16 01:46	EPA 3050B	1,6010C	MC
Selenium, Total	0.27	J	mg/kg	1.9	0.26	2	07/23/16 10:15	07/27/16 01:46	EPA 3050B	1,6010C	MC
Silver, Total	0.70	J	mg/kg	0.95	0.19	2	07/23/16 10:15	07/27/16 01:46	EPA 3050B	1,6010C	MC
Sodium, Total	340		mg/kg	190	16.	2	07/23/16 10:15	07/27/16 01:46	EPA 3050B	1,6010C	MC
Thallium, Total	1.2	J	mg/kg	1.9	0.30	2	07/23/16 10:15	07/27/16 01:46	EPA 3050B	1,6010C	MC
Vanadium, Total	20		mg/kg	0.95	0.09	2	07/23/16 10:15	07/27/16 01:46	EPA 3050B	1,6010C	MC
Zinc, Total	3100		mg/kg	4.8	0.67	2	07/23/16 10:15	07/27/16 01:46	EPA 3050B	1,6010C	MC



Project Name: DC UNITED
Project Number: 40223-004

Lab Number: L1622741
Report Date: 07/31/16

SAMPLE RESULTS

Lab ID: L1622741-15
 Client ID: DP-154-SO-100-01
 Sample Location: WASHINGTON, D.C.
 Matrix: Soil
 Percent Solids: 76%

Date Collected: 07/21/16 10:50
 Date Received: 07/21/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	4900		mg/kg	10	2.1	2	07/23/16 10:15	07/27/16 16:57	EPA 3050B	1,6010C	JH
Antimony, Total	0.91	J	mg/kg	5.2	0.84	2	07/23/16 10:15	07/27/16 01:51	EPA 3050B	1,6010C	MC
Arsenic, Total	3.7		mg/kg	1.0	0.34	2	07/23/16 10:15	07/27/16 01:51	EPA 3050B	1,6010C	MC
Barium, Total	74		mg/kg	1.0	0.28	2	07/23/16 10:15	07/27/16 01:51	EPA 3050B	1,6010C	MC
Beryllium, Total	0.24	J	mg/kg	0.52	0.12	2	07/23/16 10:15	07/27/16 01:51	EPA 3050B	1,6010C	MC
Cadmium, Total	0.56	J	mg/kg	1.0	0.07	2	07/23/16 10:15	07/27/16 01:51	EPA 3050B	1,6010C	MC
Calcium, Total	2300		mg/kg	10	2.9	2	07/23/16 10:15	07/27/16 01:51	EPA 3050B	1,6010C	MC
Chromium, Total	12		mg/kg	1.0	0.18	2	07/23/16 10:15	07/27/16 01:51	EPA 3050B	1,6010C	MC
Cobalt, Total	7.4		mg/kg	2.1	0.51	2	07/23/16 10:15	07/27/16 01:51	EPA 3050B	1,6010C	MC
Copper, Total	32		mg/kg	1.0	0.19	2	07/23/16 10:15	07/27/16 01:51	EPA 3050B	1,6010C	MC
Iron, Total	12000		mg/kg	5.2	1.6	2	07/23/16 10:15	07/27/16 01:51	EPA 3050B	1,6010C	MC
Lead, Total	180		mg/kg	5.2	0.23	2	07/23/16 10:15	07/27/16 01:51	EPA 3050B	1,6010C	MC
Magnesium, Total	1400		mg/kg	10	1.4	2	07/23/16 10:15	07/27/16 01:51	EPA 3050B	1,6010C	MC
Manganese, Total	180		mg/kg	1.0	0.25	2	07/23/16 10:15	07/27/16 01:51	EPA 3050B	1,6010C	MC
Mercury, Total	6.3		mg/kg	0.42	0.09	5	07/23/16 13:10	07/26/16 23:18	EPA 7471B	1,7471B	EA
Nickel, Total	11		mg/kg	2.6	0.42	2	07/23/16 10:15	07/27/16 01:51	EPA 3050B	1,6010C	MC
Potassium, Total	630		mg/kg	260	29.	2	07/23/16 10:15	07/27/16 01:51	EPA 3050B	1,6010C	MC
Selenium, Total	0.63	J	mg/kg	2.1	0.28	2	07/23/16 10:15	07/27/16 01:51	EPA 3050B	1,6010C	MC
Silver, Total	ND		mg/kg	1.0	0.21	2	07/23/16 10:15	07/27/16 01:51	EPA 3050B	1,6010C	MC
Sodium, Total	140	J	mg/kg	210	17.	2	07/23/16 10:15	07/27/16 01:51	EPA 3050B	1,6010C	MC
Thallium, Total	ND		mg/kg	2.1	0.33	2	07/23/16 10:15	07/27/16 01:51	EPA 3050B	1,6010C	MC
Vanadium, Total	14		mg/kg	1.0	0.09	2	07/23/16 10:15	07/27/16 01:51	EPA 3050B	1,6010C	MC
Zinc, Total	280		mg/kg	5.2	0.73	2	07/23/16 10:15	07/27/16 01:51	EPA 3050B	1,6010C	MC



Project Name: DC UNITED
Project Number: 40223-004

Lab Number: L1622741
Report Date: 07/31/16

SAMPLE RESULTS

Lab ID: L1622741-16
 Client ID: DP-156-SO-010-01
 Sample Location: WASHINGTON, D.C.
 Matrix: Soil
 Percent Solids: 80%

Date Collected: 07/21/16 10:25
 Date Received: 07/21/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	7600		mg/kg	10	2.0	2	07/23/16 10:15	07/27/16 17:01	EPA 3050B	1,6010C	JH
Antimony, Total	3.2	J	mg/kg	5.0	0.80	2	07/23/16 10:15	07/27/16 01:55	EPA 3050B	1,6010C	MC
Arsenic, Total	7.1		mg/kg	1.0	0.33	2	07/23/16 10:15	07/27/16 01:55	EPA 3050B	1,6010C	MC
Barium, Total	100		mg/kg	1.0	0.27	2	07/23/16 10:15	07/27/16 01:55	EPA 3050B	1,6010C	MC
Beryllium, Total	0.35	J	mg/kg	0.50	0.11	2	07/23/16 10:15	07/27/16 01:55	EPA 3050B	1,6010C	MC
Cadmium, Total	0.21	J	mg/kg	1.0	0.07	2	07/23/16 10:15	07/27/16 01:55	EPA 3050B	1,6010C	MC
Calcium, Total	3600		mg/kg	10	2.7	2	07/23/16 10:15	07/27/16 01:55	EPA 3050B	1,6010C	MC
Chromium, Total	13		mg/kg	1.0	0.17	2	07/23/16 10:15	07/27/16 01:55	EPA 3050B	1,6010C	MC
Cobalt, Total	6.2		mg/kg	2.0	0.49	2	07/23/16 10:15	07/27/16 01:55	EPA 3050B	1,6010C	MC
Copper, Total	37		mg/kg	1.0	0.18	2	07/23/16 10:15	07/27/16 01:55	EPA 3050B	1,6010C	MC
Iron, Total	11000		mg/kg	5.0	1.6	2	07/23/16 10:15	07/27/16 01:55	EPA 3050B	1,6010C	MC
Lead, Total	380		mg/kg	5.0	0.22	2	07/23/16 10:15	07/27/16 01:55	EPA 3050B	1,6010C	MC
Magnesium, Total	950		mg/kg	10	1.3	2	07/23/16 10:15	07/27/16 01:55	EPA 3050B	1,6010C	MC
Manganese, Total	100		mg/kg	1.0	0.24	2	07/23/16 10:15	07/27/16 01:55	EPA 3050B	1,6010C	MC
Mercury, Total	0.45		mg/kg	0.08	0.02	1	07/23/16 13:10	07/26/16 22:53	EPA 7471B	1,7471B	EA
Nickel, Total	9.0		mg/kg	2.5	0.40	2	07/23/16 10:15	07/27/16 01:55	EPA 3050B	1,6010C	MC
Potassium, Total	720		mg/kg	250	28.	2	07/23/16 10:15	07/27/16 01:55	EPA 3050B	1,6010C	MC
Selenium, Total	0.36	J	mg/kg	2.0	0.27	2	07/23/16 10:15	07/27/16 01:55	EPA 3050B	1,6010C	MC
Silver, Total	0.22	J	mg/kg	1.0	0.20	2	07/23/16 10:15	07/27/16 01:55	EPA 3050B	1,6010C	MC
Sodium, Total	150	J	mg/kg	200	17.	2	07/23/16 10:15	07/27/16 01:55	EPA 3050B	1,6010C	MC
Thallium, Total	ND		mg/kg	2.0	0.32	2	07/23/16 10:15	07/27/16 01:55	EPA 3050B	1,6010C	MC
Vanadium, Total	20		mg/kg	1.0	0.09	2	07/23/16 10:15	07/27/16 01:55	EPA 3050B	1,6010C	MC
Zinc, Total	160		mg/kg	5.0	0.70	2	07/23/16 10:15	07/27/16 01:55	EPA 3050B	1,6010C	MC



Project Name: DC UNITED
Project Number: 40223-004

Lab Number: L1622741
Report Date: 07/31/16

SAMPLE RESULTS

Lab ID: L1622741-17
 Client ID: DP-156-SO-050-01
 Sample Location: WASHINGTON, D.C.
 Matrix: Soil
 Percent Solids: 75%

Date Collected: 07/21/16 10:30
 Date Received: 07/21/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	12000		mg/kg	10	2.0	2	07/23/16 10:15	07/27/16 17:05	EPA 3050B	1,6010C	JH
Antimony, Total	ND		mg/kg	5.2	0.83	2	07/23/16 10:15	07/27/16 01:59	EPA 3050B	1,6010C	MC
Arsenic, Total	5.3		mg/kg	1.0	0.34	2	07/23/16 10:15	07/27/16 01:59	EPA 3050B	1,6010C	MC
Barium, Total	77		mg/kg	1.0	0.28	2	07/23/16 10:15	07/27/16 01:59	EPA 3050B	1,6010C	MC
Beryllium, Total	0.46	J	mg/kg	0.52	0.11	2	07/23/16 10:15	07/27/16 01:59	EPA 3050B	1,6010C	MC
Cadmium, Total	0.16	J	mg/kg	1.0	0.07	2	07/23/16 10:15	07/27/16 01:59	EPA 3050B	1,6010C	MC
Calcium, Total	2500		mg/kg	10	2.8	2	07/23/16 10:15	07/27/16 01:59	EPA 3050B	1,6010C	MC
Chromium, Total	16		mg/kg	1.0	0.18	2	07/23/16 10:15	07/27/16 01:59	EPA 3050B	1,6010C	MC
Cobalt, Total	8.7		mg/kg	2.1	0.51	2	07/23/16 10:15	07/27/16 01:59	EPA 3050B	1,6010C	MC
Copper, Total	13		mg/kg	1.0	0.19	2	07/23/16 10:15	07/27/16 01:59	EPA 3050B	1,6010C	MC
Iron, Total	19000		mg/kg	5.2	1.6	2	07/23/16 10:15	07/27/16 01:59	EPA 3050B	1,6010C	MC
Lead, Total	67		mg/kg	5.2	0.23	2	07/23/16 10:15	07/27/16 01:59	EPA 3050B	1,6010C	MC
Magnesium, Total	1100		mg/kg	10	1.4	2	07/23/16 10:15	07/27/16 01:59	EPA 3050B	1,6010C	MC
Manganese, Total	440		mg/kg	1.0	0.25	2	07/23/16 10:15	07/27/16 01:59	EPA 3050B	1,6010C	MC
Mercury, Total	0.22		mg/kg	0.08	0.02	1	07/23/16 13:10	07/26/16 22:55	EPA 7471B	1,7471B	EA
Nickel, Total	9.3		mg/kg	2.6	0.41	2	07/23/16 10:15	07/27/16 01:59	EPA 3050B	1,6010C	MC
Potassium, Total	800		mg/kg	260	29.	2	07/23/16 10:15	07/27/16 01:59	EPA 3050B	1,6010C	MC
Selenium, Total	0.31	J	mg/kg	2.1	0.28	2	07/23/16 10:15	07/27/16 01:59	EPA 3050B	1,6010C	MC
Silver, Total	ND		mg/kg	1.0	0.21	2	07/23/16 10:15	07/27/16 01:59	EPA 3050B	1,6010C	MC
Sodium, Total	130	J	mg/kg	210	17.	2	07/23/16 10:15	07/27/16 01:59	EPA 3050B	1,6010C	MC
Thallium, Total	ND		mg/kg	2.1	0.33	2	07/23/16 10:15	07/27/16 01:59	EPA 3050B	1,6010C	MC
Vanadium, Total	28		mg/kg	1.0	0.09	2	07/23/16 10:15	07/27/16 01:59	EPA 3050B	1,6010C	MC
Zinc, Total	60		mg/kg	5.2	0.73	2	07/23/16 10:15	07/27/16 01:59	EPA 3050B	1,6010C	MC



Project Name: DC UNITED
Project Number: 40223-004

Lab Number: L1622741
Report Date: 07/31/16

SAMPLE RESULTS

Lab ID: L1622741-18
 Client ID: DP-156-SO-100-01
 Sample Location: WASHINGTON, D.C.
 Matrix: Soil
 Percent Solids: 61%

Date Collected: 07/21/16 10:35
 Date Received: 07/21/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	9200		mg/kg	13	2.6	2	07/23/16 10:15	07/27/16 17:09	EPA 3050B	1,6010C	AB
Antimony, Total	1.3	J	mg/kg	6.6	1.0	2	07/23/16 10:15	07/27/16 02:24	EPA 3050B	1,6010C	MC
Arsenic, Total	9.9		mg/kg	1.3	0.43	2	07/23/16 10:15	07/27/16 02:24	EPA 3050B	1,6010C	MC
Barium, Total	150		mg/kg	1.3	0.36	2	07/23/16 10:15	07/27/16 02:24	EPA 3050B	1,6010C	MC
Beryllium, Total	0.63	J	mg/kg	0.66	0.14	2	07/23/16 10:15	07/27/16 02:24	EPA 3050B	1,6010C	MC
Cadmium, Total	0.26	J	mg/kg	1.3	0.09	2	07/23/16 10:15	07/27/16 02:24	EPA 3050B	1,6010C	MC
Calcium, Total	2800		mg/kg	13	3.6	2	07/23/16 10:15	07/27/16 02:24	EPA 3050B	1,6010C	MC
Chromium, Total	12		mg/kg	1.3	0.22	2	07/23/16 10:15	07/27/16 02:24	EPA 3050B	1,6010C	MC
Cobalt, Total	8.7		mg/kg	2.6	0.64	2	07/23/16 10:15	07/27/16 02:24	EPA 3050B	1,6010C	MC
Copper, Total	91		mg/kg	1.3	0.24	2	07/23/16 10:15	07/27/16 02:24	EPA 3050B	1,6010C	MC
Iron, Total	8200		mg/kg	6.6	2.1	2	07/23/16 10:15	07/27/16 02:24	EPA 3050B	1,6010C	MC
Lead, Total	160		mg/kg	6.6	0.29	2	07/23/16 10:15	07/27/16 02:24	EPA 3050B	1,6010C	MC
Magnesium, Total	480		mg/kg	13	1.8	2	07/23/16 10:15	07/27/16 02:24	EPA 3050B	1,6010C	MC
Manganese, Total	110		mg/kg	1.3	0.32	2	07/23/16 10:15	07/27/16 02:24	EPA 3050B	1,6010C	MC
Mercury, Total	0.11		mg/kg	0.10	0.02	1	07/23/16 13:10	07/26/16 22:57	EPA 7471B	1,7471B	EA
Nickel, Total	20		mg/kg	3.3	0.53	2	07/23/16 10:15	07/27/16 02:24	EPA 3050B	1,6010C	MC
Potassium, Total	580		mg/kg	330	37.	2	07/23/16 10:15	07/27/16 02:24	EPA 3050B	1,6010C	MC
Selenium, Total	ND		mg/kg	2.6	0.36	2	07/23/16 10:15	07/27/16 02:24	EPA 3050B	1,6010C	MC
Silver, Total	1.7		mg/kg	1.3	0.26	2	07/23/16 10:15	07/27/16 02:24	EPA 3050B	1,6010C	MC
Sodium, Total	350		mg/kg	260	22.	2	07/23/16 10:15	07/27/16 02:24	EPA 3050B	1,6010C	MC
Thallium, Total	ND		mg/kg	2.6	0.42	2	07/23/16 10:15	07/27/16 02:24	EPA 3050B	1,6010C	MC
Vanadium, Total	29		mg/kg	1.3	0.12	2	07/23/16 10:15	07/27/16 02:24	EPA 3050B	1,6010C	MC
Zinc, Total	240		mg/kg	6.6	0.92	2	07/23/16 10:15	07/27/16 02:24	EPA 3050B	1,6010C	MC



Project Name: DC UNITED
Project Number: 40223-004

Lab Number: L1622741
Report Date: 07/31/16

SAMPLE RESULTS

Lab ID: L1622741-19
 Client ID: DP-157-SO-010-01
 Sample Location: WASHINGTON, D.C.
 Matrix: Soil
 Percent Solids: 88%

Date Collected: 07/21/16 10:05
 Date Received: 07/21/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	14000		mg/kg	9.0	1.8	2	07/23/16 10:15	07/27/16 17:13	EPA 3050B	1,6010C	AB
Antimony, Total	ND		mg/kg	4.5	0.72	2	07/23/16 10:15	07/27/16 02:28	EPA 3050B	1,6010C	MC
Arsenic, Total	7.0		mg/kg	0.90	0.30	2	07/23/16 10:15	07/27/16 02:28	EPA 3050B	1,6010C	MC
Barium, Total	45		mg/kg	0.90	0.24	2	07/23/16 10:15	07/27/16 02:28	EPA 3050B	1,6010C	MC
Beryllium, Total	0.49		mg/kg	0.45	0.10	2	07/23/16 10:15	07/27/16 02:28	EPA 3050B	1,6010C	MC
Cadmium, Total	ND		mg/kg	0.90	0.06	2	07/23/16 10:15	07/27/16 02:28	EPA 3050B	1,6010C	MC
Calcium, Total	2000		mg/kg	9.0	2.5	2	07/23/16 10:15	07/27/16 02:28	EPA 3050B	1,6010C	MC
Chromium, Total	15		mg/kg	0.90	0.15	2	07/23/16 10:15	07/27/16 02:28	EPA 3050B	1,6010C	MC
Cobalt, Total	9.3		mg/kg	1.8	0.44	2	07/23/16 10:15	07/27/16 02:28	EPA 3050B	1,6010C	MC
Copper, Total	16		mg/kg	0.90	0.16	2	07/23/16 10:15	07/27/16 02:28	EPA 3050B	1,6010C	MC
Iron, Total	22000		mg/kg	4.5	1.4	2	07/23/16 10:15	07/27/16 02:28	EPA 3050B	1,6010C	MC
Lead, Total	15		mg/kg	4.5	0.20	2	07/23/16 10:15	07/27/16 02:28	EPA 3050B	1,6010C	MC
Magnesium, Total	1600		mg/kg	9.0	1.2	2	07/23/16 10:15	07/27/16 02:28	EPA 3050B	1,6010C	MC
Manganese, Total	280		mg/kg	0.90	0.22	2	07/23/16 10:15	07/27/16 02:28	EPA 3050B	1,6010C	MC
Mercury, Total	0.10		mg/kg	0.08	0.02	1	07/23/16 13:10	07/26/16 22:59	EPA 7471B	1,7471B	EA
Nickel, Total	13		mg/kg	2.2	0.36	2	07/23/16 10:15	07/27/16 02:28	EPA 3050B	1,6010C	MC
Potassium, Total	710		mg/kg	220	25.	2	07/23/16 10:15	07/27/16 02:28	EPA 3050B	1,6010C	MC
Selenium, Total	0.44	J	mg/kg	1.8	0.24	2	07/23/16 10:15	07/27/16 02:28	EPA 3050B	1,6010C	MC
Silver, Total	ND		mg/kg	0.90	0.18	2	07/23/16 10:15	07/27/16 02:28	EPA 3050B	1,6010C	MC
Sodium, Total	250		mg/kg	180	15.	2	07/23/16 10:15	07/27/16 02:28	EPA 3050B	1,6010C	MC
Thallium, Total	ND		mg/kg	1.8	0.29	2	07/23/16 10:15	07/27/16 02:28	EPA 3050B	1,6010C	MC
Vanadium, Total	24		mg/kg	0.90	0.08	2	07/23/16 10:15	07/27/16 02:28	EPA 3050B	1,6010C	MC
Zinc, Total	49		mg/kg	4.5	0.63	2	07/23/16 10:15	07/27/16 02:28	EPA 3050B	1,6010C	MC



Project Name: DC UNITED
Project Number: 40223-004

Lab Number: L1622741
Report Date: 07/31/16

SAMPLE RESULTS

Lab ID: L1622741-20
 Client ID: DP-157-SO-050-01
 Sample Location: WASHINGTON, D.C.
 Matrix: Soil
 Percent Solids: 84%

Date Collected: 07/21/16 10:10
 Date Received: 07/21/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	9100		mg/kg	9.3	1.8	2	07/23/16 10:15	07/27/16 17:17	EPA 3050B	1,6010C	AB
Antimony, Total	ND		mg/kg	4.7	0.75	2	07/23/16 10:15	07/27/16 02:32	EPA 3050B	1,6010C	MC
Arsenic, Total	4.2		mg/kg	0.93	0.31	2	07/23/16 10:15	07/27/16 02:32	EPA 3050B	1,6010C	MC
Barium, Total	35		mg/kg	0.93	0.25	2	07/23/16 10:15	07/27/16 02:32	EPA 3050B	1,6010C	MC
Beryllium, Total	0.26	J	mg/kg	0.47	0.10	2	07/23/16 10:15	07/27/16 02:32	EPA 3050B	1,6010C	MC
Cadmium, Total	ND		mg/kg	0.93	0.07	2	07/23/16 10:15	07/27/16 02:32	EPA 3050B	1,6010C	MC
Calcium, Total	2300		mg/kg	9.3	2.6	2	07/23/16 10:15	07/27/16 02:32	EPA 3050B	1,6010C	MC
Chromium, Total	11		mg/kg	0.93	0.16	2	07/23/16 10:15	07/27/16 02:32	EPA 3050B	1,6010C	MC
Cobalt, Total	5.1		mg/kg	1.9	0.46	2	07/23/16 10:15	07/27/16 02:32	EPA 3050B	1,6010C	MC
Copper, Total	57		mg/kg	0.93	0.17	2	07/23/16 10:15	07/27/16 02:32	EPA 3050B	1,6010C	MC
Iron, Total	12000		mg/kg	4.7	1.5	2	07/23/16 10:15	07/27/16 02:32	EPA 3050B	1,6010C	MC
Lead, Total	60		mg/kg	4.7	0.20	2	07/23/16 10:15	07/27/16 02:32	EPA 3050B	1,6010C	MC
Magnesium, Total	590		mg/kg	9.3	1.2	2	07/23/16 10:15	07/27/16 02:32	EPA 3050B	1,6010C	MC
Manganese, Total	110		mg/kg	0.93	0.22	2	07/23/16 10:15	07/27/16 02:32	EPA 3050B	1,6010C	MC
Mercury, Total	0.33		mg/kg	0.08	0.02	1	07/23/16 13:10	07/26/16 23:00	EPA 7471B	1,7471B	EA
Nickel, Total	6.2		mg/kg	2.3	0.37	2	07/23/16 10:15	07/27/16 02:32	EPA 3050B	1,6010C	MC
Potassium, Total	440		mg/kg	230	26.	2	07/23/16 10:15	07/27/16 02:32	EPA 3050B	1,6010C	MC
Selenium, Total	ND		mg/kg	1.9	0.25	2	07/23/16 10:15	07/27/16 02:32	EPA 3050B	1,6010C	MC
Silver, Total	ND		mg/kg	0.93	0.19	2	07/23/16 10:15	07/27/16 02:32	EPA 3050B	1,6010C	MC
Sodium, Total	140	J	mg/kg	190	16.	2	07/23/16 10:15	07/27/16 02:32	EPA 3050B	1,6010C	MC
Thallium, Total	ND		mg/kg	1.9	0.30	2	07/23/16 10:15	07/27/16 02:32	EPA 3050B	1,6010C	MC
Vanadium, Total	18		mg/kg	0.93	0.08	2	07/23/16 10:15	07/27/16 02:32	EPA 3050B	1,6010C	MC
Zinc, Total	44		mg/kg	4.7	0.65	2	07/23/16 10:15	07/27/16 02:32	EPA 3050B	1,6010C	MC



Project Name: DC UNITED
Project Number: 40223-004

Lab Number: L1622741
Report Date: 07/31/16

SAMPLE RESULTS

Lab ID: L1622741-21
 Client ID: DP-157-SO-100-01
 Sample Location: WASHINGTON, D.C.
 Matrix: Soil
 Percent Solids: 83%

Date Collected: 07/21/16 10:15
 Date Received: 07/21/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	7800		mg/kg	9.4	1.8	2	07/23/16 11:17	07/27/16 11:12	EPA 3050B	1,6010C	PS
Antimony, Total	ND		mg/kg	4.7	0.75	2	07/23/16 11:17	07/27/16 11:12	EPA 3050B	1,6010C	PS
Arsenic, Total	5.9		mg/kg	0.94	0.31	2	07/23/16 11:17	07/27/16 11:12	EPA 3050B	1,6010C	PS
Barium, Total	63		mg/kg	0.94	0.25	2	07/23/16 11:17	07/27/16 11:12	EPA 3050B	1,6010C	PS
Beryllium, Total	0.34	J	mg/kg	0.47	0.10	2	07/23/16 11:17	07/27/16 11:12	EPA 3050B	1,6010C	PS
Cadmium, Total	ND		mg/kg	0.94	0.07	2	07/23/16 11:17	07/27/16 11:12	EPA 3050B	1,6010C	PS
Calcium, Total	1200		mg/kg	9.4	2.6	2	07/23/16 11:17	07/27/16 11:12	EPA 3050B	1,6010C	PS
Chromium, Total	13		mg/kg	0.94	0.16	2	07/23/16 11:17	07/27/16 11:12	EPA 3050B	1,6010C	PS
Cobalt, Total	6.1		mg/kg	1.9	0.46	2	07/23/16 11:17	07/27/16 11:12	EPA 3050B	1,6010C	PS
Copper, Total	11		mg/kg	0.94	0.17	2	07/23/16 11:17	07/27/16 11:12	EPA 3050B	1,6010C	PS
Iron, Total	21000		mg/kg	4.7	1.5	2	07/23/16 11:17	07/27/16 11:12	EPA 3050B	1,6010C	PS
Lead, Total	23		mg/kg	4.7	0.21	2	07/23/16 11:17	07/27/16 11:12	EPA 3050B	1,6010C	PS
Magnesium, Total	1100		mg/kg	9.4	1.2	2	07/23/16 11:17	07/27/16 11:12	EPA 3050B	1,6010C	PS
Manganese, Total	250		mg/kg	0.94	0.22	2	07/23/16 11:17	07/27/16 11:12	EPA 3050B	1,6010C	PS
Mercury, Total	0.65		mg/kg	0.08	0.02	1	07/23/16 13:10	07/23/16 17:09	EPA 7471B	1,7471B	BV
Nickel, Total	8.7		mg/kg	2.3	0.37	2	07/23/16 11:17	07/27/16 11:12	EPA 3050B	1,6010C	PS
Potassium, Total	910		mg/kg	230	26.	2	07/23/16 11:17	07/27/16 11:12	EPA 3050B	1,6010C	PS
Selenium, Total	ND		mg/kg	1.9	0.25	2	07/23/16 11:17	07/27/16 11:12	EPA 3050B	1,6010C	PS
Silver, Total	ND		mg/kg	0.94	0.19	2	07/23/16 11:17	07/27/16 11:12	EPA 3050B	1,6010C	PS
Sodium, Total	280		mg/kg	190	16.	2	07/23/16 11:17	07/27/16 11:12	EPA 3050B	1,6010C	PS
Thallium, Total	ND		mg/kg	1.9	0.30	2	07/23/16 11:17	07/27/16 11:12	EPA 3050B	1,6010C	PS
Vanadium, Total	19		mg/kg	0.94	0.08	2	07/23/16 11:17	07/27/16 11:12	EPA 3050B	1,6010C	PS
Zinc, Total	45		mg/kg	4.7	0.66	2	07/23/16 11:17	07/27/16 11:12	EPA 3050B	1,6010C	PS



Project Name: DC UNITED
Project Number: 40223-004

Lab Number: L1622741
Report Date: 07/31/16

SAMPLE RESULTS

Lab ID: L1622741-22
 Client ID: DP-163-SO-010-01
 Sample Location: WASHINGTON, D.C.
 Matrix: Soil
 Percent Solids: 86%

Date Collected: 07/21/16 09:20
 Date Received: 07/21/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	4400		mg/kg	9.1	1.8	2	07/23/16 11:17	07/27/16 11:28	EPA 3050B	1,6010C	PS
Antimony, Total	2.5	J	mg/kg	4.5	0.72	2	07/23/16 11:17	07/27/16 11:28	EPA 3050B	1,6010C	PS
Arsenic, Total	9.3		mg/kg	0.91	0.30	2	07/23/16 11:17	07/27/16 11:28	EPA 3050B	1,6010C	PS
Barium, Total	92		mg/kg	0.91	0.24	2	07/23/16 11:17	07/27/16 11:28	EPA 3050B	1,6010C	PS
Beryllium, Total	0.27	J	mg/kg	0.45	0.10	2	07/23/16 11:17	07/27/16 11:28	EPA 3050B	1,6010C	PS
Cadmium, Total	0.83	J	mg/kg	0.91	0.06	2	07/23/16 11:17	07/27/16 11:28	EPA 3050B	1,6010C	PS
Calcium, Total	7500		mg/kg	9.1	2.5	2	07/23/16 11:17	07/27/16 11:28	EPA 3050B	1,6010C	PS
Chromium, Total	13		mg/kg	0.91	0.15	2	07/23/16 11:17	07/27/16 11:28	EPA 3050B	1,6010C	PS
Cobalt, Total	7.6		mg/kg	1.8	0.44	2	07/23/16 11:17	07/27/16 11:28	EPA 3050B	1,6010C	PS
Copper, Total	46		mg/kg	0.91	0.16	2	07/23/16 11:17	07/27/16 11:28	EPA 3050B	1,6010C	PS
Iron, Total	15000		mg/kg	4.5	1.4	2	07/23/16 11:17	07/27/16 11:28	EPA 3050B	1,6010C	PS
Lead, Total	360		mg/kg	4.5	0.20	2	07/23/16 11:17	07/27/16 11:28	EPA 3050B	1,6010C	PS
Magnesium, Total	1000		mg/kg	9.1	1.2	2	07/23/16 11:17	07/27/16 11:28	EPA 3050B	1,6010C	PS
Manganese, Total	260		mg/kg	0.91	0.22	2	07/23/16 11:17	07/27/16 11:28	EPA 3050B	1,6010C	PS
Mercury, Total	0.80		mg/kg	0.08	0.02	1	07/23/16 13:10	07/23/16 17:11	EPA 7471B	1,7471B	BV
Nickel, Total	7.7		mg/kg	2.3	0.36	2	07/23/16 11:17	07/27/16 11:28	EPA 3050B	1,6010C	PS
Potassium, Total	620		mg/kg	230	25.	2	07/23/16 11:17	07/27/16 11:28	EPA 3050B	1,6010C	PS
Selenium, Total	ND		mg/kg	1.8	0.24	2	07/23/16 11:17	07/27/16 11:28	EPA 3050B	1,6010C	PS
Silver, Total	0.26	J	mg/kg	0.91	0.18	2	07/23/16 11:17	07/27/16 11:28	EPA 3050B	1,6010C	PS
Sodium, Total	110	J	mg/kg	180	15.	2	07/23/16 11:17	07/27/16 11:28	EPA 3050B	1,6010C	PS
Thallium, Total	ND		mg/kg	1.8	0.29	2	07/23/16 11:17	07/27/16 11:28	EPA 3050B	1,6010C	PS
Vanadium, Total	18		mg/kg	0.91	0.08	2	07/23/16 11:17	07/27/16 11:28	EPA 3050B	1,6010C	PS
Zinc, Total	370		mg/kg	4.5	0.64	2	07/23/16 11:17	07/27/16 11:28	EPA 3050B	1,6010C	PS



Project Name: DC UNITED
Project Number: 40223-004

Lab Number: L1622741
Report Date: 07/31/16

SAMPLE RESULTS

Lab ID: L1622741-23
 Client ID: DP-163-SO-050-01
 Sample Location: WASHINGTON, D.C.
 Matrix: Soil
 Percent Solids: 85%

Date Collected: 07/21/16 09:25
 Date Received: 07/21/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	4700		mg/kg	9.0	1.8	2	07/23/16 11:17	07/27/16 11:32	EPA 3050B	1,6010C	PS
Antimony, Total	11		mg/kg	4.5	0.72	2	07/23/16 11:17	07/27/16 11:32	EPA 3050B	1,6010C	PS
Arsenic, Total	16		mg/kg	0.90	0.30	2	07/23/16 11:17	07/27/16 11:32	EPA 3050B	1,6010C	PS
Barium, Total	150		mg/kg	0.90	0.24	2	07/23/16 11:17	07/27/16 11:32	EPA 3050B	1,6010C	PS
Beryllium, Total	0.28	J	mg/kg	0.45	0.10	2	07/23/16 11:17	07/27/16 11:32	EPA 3050B	1,6010C	PS
Cadmium, Total	1.5		mg/kg	0.90	0.06	2	07/23/16 11:17	07/27/16 11:32	EPA 3050B	1,6010C	PS
Calcium, Total	9900		mg/kg	9.0	2.5	2	07/23/16 11:17	07/27/16 11:32	EPA 3050B	1,6010C	PS
Chromium, Total	14		mg/kg	0.90	0.15	2	07/23/16 11:17	07/27/16 11:32	EPA 3050B	1,6010C	PS
Cobalt, Total	11		mg/kg	1.8	0.44	2	07/23/16 11:17	07/27/16 11:32	EPA 3050B	1,6010C	PS
Copper, Total	120		mg/kg	0.90	0.16	2	07/23/16 11:17	07/27/16 11:32	EPA 3050B	1,6010C	PS
Iron, Total	19000		mg/kg	4.5	1.4	2	07/23/16 11:17	07/27/16 11:32	EPA 3050B	1,6010C	PS
Lead, Total	830		mg/kg	4.5	0.20	2	07/23/16 11:17	07/27/16 11:32	EPA 3050B	1,6010C	PS
Magnesium, Total	1000		mg/kg	9.0	1.2	2	07/23/16 11:17	07/27/16 11:32	EPA 3050B	1,6010C	PS
Manganese, Total	360		mg/kg	0.90	0.22	2	07/23/16 11:17	07/27/16 11:32	EPA 3050B	1,6010C	PS
Mercury, Total	3.0		mg/kg	0.08	0.02	1	07/23/16 13:10	07/23/16 17:13	EPA 7471B	1,7471B	BV
Nickel, Total	9.0		mg/kg	2.3	0.36	2	07/23/16 11:17	07/27/16 11:32	EPA 3050B	1,6010C	PS
Potassium, Total	530		mg/kg	230	25.	2	07/23/16 11:17	07/27/16 11:32	EPA 3050B	1,6010C	PS
Selenium, Total	0.45	J	mg/kg	1.8	0.24	2	07/23/16 11:17	07/27/16 11:32	EPA 3050B	1,6010C	PS
Silver, Total	0.52	J	mg/kg	0.90	0.18	2	07/23/16 11:17	07/27/16 11:32	EPA 3050B	1,6010C	PS
Sodium, Total	340		mg/kg	180	15.	2	07/23/16 11:17	07/27/16 11:32	EPA 3050B	1,6010C	PS
Thallium, Total	ND		mg/kg	1.8	0.29	2	07/23/16 11:17	07/27/16 11:32	EPA 3050B	1,6010C	PS
Vanadium, Total	19		mg/kg	0.90	0.08	2	07/23/16 11:17	07/27/16 11:32	EPA 3050B	1,6010C	PS
Zinc, Total	740		mg/kg	4.5	0.63	2	07/23/16 11:17	07/27/16 11:32	EPA 3050B	1,6010C	PS



Project Name: DC UNITED
Project Number: 40223-004

Lab Number: L1622741
Report Date: 07/31/16

SAMPLE RESULTS

Lab ID: L1622741-24
 Client ID: DP-163-SO-100-01
 Sample Location: WASHINGTON, D.C.
 Matrix: Soil
 Percent Solids: 68%

Date Collected: 07/21/16 09:30
 Date Received: 07/21/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	5900		mg/kg	12	2.3	2	07/23/16 11:17	07/27/16 14:23	EPA 3050B	1,6010C	PS
Antimony, Total	1.7	J	mg/kg	5.8	0.93	2	07/23/16 11:17	07/27/16 14:23	EPA 3050B	1,6010C	PS
Arsenic, Total	22		mg/kg	1.2	0.38	2	07/23/16 11:17	07/27/16 14:23	EPA 3050B	1,6010C	PS
Barium, Total	140		mg/kg	1.2	0.32	2	07/23/16 11:17	07/27/16 14:23	EPA 3050B	1,6010C	PS
Beryllium, Total	0.43	J	mg/kg	0.58	0.13	2	07/23/16 11:17	07/27/16 14:23	EPA 3050B	1,6010C	PS
Cadmium, Total	3.1		mg/kg	1.2	0.08	2	07/23/16 11:17	07/27/16 14:23	EPA 3050B	1,6010C	PS
Calcium, Total	6700		mg/kg	12	3.2	2	07/23/16 11:17	07/27/16 14:23	EPA 3050B	1,6010C	PS
Chromium, Total	16		mg/kg	1.2	0.20	2	07/23/16 11:17	07/27/16 14:23	EPA 3050B	1,6010C	PS
Cobalt, Total	8.4		mg/kg	2.3	0.57	2	07/23/16 11:17	07/27/16 14:23	EPA 3050B	1,6010C	PS
Copper, Total	74		mg/kg	1.2	0.21	2	07/23/16 11:17	07/27/16 14:23	EPA 3050B	1,6010C	PS
Iron, Total	13000		mg/kg	5.8	1.8	2	07/23/16 11:17	07/27/16 14:23	EPA 3050B	1,6010C	PS
Lead, Total	230		mg/kg	5.8	0.26	2	07/23/16 11:17	07/27/16 14:23	EPA 3050B	1,6010C	PS
Magnesium, Total	640		mg/kg	12	1.6	2	07/23/16 11:17	07/27/16 14:23	EPA 3050B	1,6010C	PS
Manganese, Total	240		mg/kg	1.2	0.28	2	07/23/16 11:17	07/27/16 14:23	EPA 3050B	1,6010C	PS
Mercury, Total	1.1		mg/kg	0.10	0.02	1	07/23/16 13:10	07/23/16 17:15	EPA 7471B	1,7471B	BV
Nickel, Total	25		mg/kg	2.9	0.47	2	07/23/16 11:17	07/27/16 14:23	EPA 3050B	1,6010C	PS
Potassium, Total	550		mg/kg	290	33.	2	07/23/16 11:17	07/27/16 14:23	EPA 3050B	1,6010C	PS
Selenium, Total	4.2		mg/kg	2.3	0.32	2	07/23/16 11:17	07/27/16 14:23	EPA 3050B	1,6010C	PS
Silver, Total	0.61	J	mg/kg	1.2	0.23	2	07/23/16 11:17	07/27/16 14:23	EPA 3050B	1,6010C	PS
Sodium, Total	170	J	mg/kg	230	20.	2	07/23/16 11:17	07/27/16 14:23	EPA 3050B	1,6010C	PS
Thallium, Total	ND		mg/kg	2.3	0.37	2	07/23/16 11:17	07/27/16 14:23	EPA 3050B	1,6010C	PS
Vanadium, Total	25		mg/kg	1.2	0.10	2	07/23/16 11:17	07/27/16 14:23	EPA 3050B	1,6010C	PS
Zinc, Total	600		mg/kg	5.8	0.82	2	07/23/16 11:17	07/27/16 14:23	EPA 3050B	1,6010C	PS



Project Name: DC UNITED
Project Number: 40223-004

Lab Number: L1622741
Report Date: 07/31/16

SAMPLE RESULTS

Lab ID: L1622741-25
 Client ID: DP-163-SO-010-02
 Sample Location: WASHINGTON, D.C.
 Matrix: Soil
 Percent Solids: 85%

Date Collected: 07/21/16 11:45
 Date Received: 07/21/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	2500		mg/kg	9.3	1.8	2	07/23/16 11:17	07/27/16 13:30	EPA 3050B	1,6010C	PS
Antimony, Total	0.78	J	mg/kg	4.7	0.75	2	07/23/16 11:17	07/27/16 13:30	EPA 3050B	1,6010C	PS
Arsenic, Total	6.0		mg/kg	0.93	0.31	2	07/23/16 11:17	07/27/16 13:30	EPA 3050B	1,6010C	PS
Barium, Total	59		mg/kg	0.93	0.25	2	07/23/16 11:17	07/27/16 13:30	EPA 3050B	1,6010C	PS
Beryllium, Total	0.18	J	mg/kg	0.47	0.10	2	07/23/16 11:17	07/27/16 13:30	EPA 3050B	1,6010C	PS
Cadmium, Total	0.32	J	mg/kg	0.93	0.07	2	07/23/16 11:17	07/27/16 13:30	EPA 3050B	1,6010C	PS
Calcium, Total	9400		mg/kg	9.3	2.6	2	07/23/16 11:17	07/27/16 13:30	EPA 3050B	1,6010C	PS
Chromium, Total	7.0		mg/kg	0.93	0.16	2	07/23/16 11:17	07/27/16 13:30	EPA 3050B	1,6010C	PS
Cobalt, Total	3.5		mg/kg	1.9	0.46	2	07/23/16 11:17	07/27/16 13:30	EPA 3050B	1,6010C	PS
Copper, Total	30		mg/kg	0.93	0.17	2	07/23/16 11:17	07/27/16 13:30	EPA 3050B	1,6010C	PS
Iron, Total	8300		mg/kg	4.7	1.5	2	07/23/16 11:17	07/27/16 13:30	EPA 3050B	1,6010C	PS
Lead, Total	300		mg/kg	4.7	0.20	2	07/23/16 11:17	07/27/16 13:30	EPA 3050B	1,6010C	PS
Magnesium, Total	850		mg/kg	9.3	1.2	2	07/23/16 11:17	07/27/16 13:30	EPA 3050B	1,6010C	PS
Manganese, Total	140		mg/kg	0.93	0.22	2	07/23/16 11:17	07/27/16 13:30	EPA 3050B	1,6010C	PS
Mercury, Total	1.4		mg/kg	0.07	0.02	1	07/23/16 13:10	07/23/16 17:17	EPA 7471B	1,7471B	BV
Nickel, Total	4.9		mg/kg	2.3	0.37	2	07/23/16 11:17	07/27/16 13:30	EPA 3050B	1,6010C	PS
Potassium, Total	410		mg/kg	230	26.	2	07/23/16 11:17	07/27/16 13:30	EPA 3050B	1,6010C	PS
Selenium, Total	ND		mg/kg	1.9	0.25	2	07/23/16 11:17	07/27/16 13:30	EPA 3050B	1,6010C	PS
Silver, Total	0.48	J	mg/kg	0.93	0.19	2	07/23/16 11:17	07/27/16 13:30	EPA 3050B	1,6010C	PS
Sodium, Total	100	J	mg/kg	190	16.	2	07/23/16 11:17	07/27/16 13:30	EPA 3050B	1,6010C	PS
Thallium, Total	ND		mg/kg	1.9	0.30	2	07/23/16 11:17	07/27/16 13:30	EPA 3050B	1,6010C	PS
Vanadium, Total	9.9		mg/kg	0.93	0.08	2	07/23/16 11:17	07/27/16 13:30	EPA 3050B	1,6010C	PS
Zinc, Total	210		mg/kg	4.7	0.65	2	07/23/16 11:17	07/27/16 13:30	EPA 3050B	1,6010C	PS



Project Name: DC UNITED
Project Number: 40223-004

Lab Number: L1622741
Report Date: 07/31/16

SAMPLE RESULTS

Lab ID: L1622741-26
 Client ID: DP-163-SO-050-02
 Sample Location: WASHINGTON, D.C.
 Matrix: Soil
 Percent Solids: 83%

Date Collected: 07/21/16 11:50
 Date Received: 07/21/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	6300		mg/kg	9.4	1.9	2	07/23/16 11:17	07/27/16 13:34	EPA 3050B	1,6010C	PS
Antimony, Total	ND		mg/kg	4.7	0.76	2	07/23/16 11:17	07/27/16 13:34	EPA 3050B	1,6010C	PS
Arsenic, Total	6.8		mg/kg	0.94	0.31	2	07/23/16 11:17	07/27/16 13:34	EPA 3050B	1,6010C	PS
Barium, Total	69		mg/kg	0.94	0.26	2	07/23/16 11:17	07/27/16 13:34	EPA 3050B	1,6010C	PS
Beryllium, Total	0.33	J	mg/kg	0.47	0.10	2	07/23/16 11:17	07/27/16 13:34	EPA 3050B	1,6010C	PS
Cadmium, Total	ND		mg/kg	0.94	0.07	2	07/23/16 11:17	07/27/16 13:34	EPA 3050B	1,6010C	PS
Calcium, Total	3000		mg/kg	9.4	2.6	2	07/23/16 11:17	07/27/16 13:34	EPA 3050B	1,6010C	PS
Chromium, Total	13		mg/kg	0.94	0.16	2	07/23/16 11:17	07/27/16 13:34	EPA 3050B	1,6010C	PS
Cobalt, Total	6.7		mg/kg	1.9	0.46	2	07/23/16 11:17	07/27/16 13:34	EPA 3050B	1,6010C	PS
Copper, Total	20		mg/kg	0.94	0.17	2	07/23/16 11:17	07/27/16 13:34	EPA 3050B	1,6010C	PS
Iron, Total	15000		mg/kg	4.7	1.5	2	07/23/16 11:17	07/27/16 13:34	EPA 3050B	1,6010C	PS
Lead, Total	180		mg/kg	4.7	0.21	2	07/23/16 11:17	07/27/16 13:34	EPA 3050B	1,6010C	PS
Magnesium, Total	860		mg/kg	9.4	1.2	2	07/23/16 11:17	07/27/16 13:34	EPA 3050B	1,6010C	PS
Manganese, Total	320		mg/kg	0.94	0.23	2	07/23/16 11:17	07/27/16 13:34	EPA 3050B	1,6010C	PS
Mercury, Total	0.41		mg/kg	0.08	0.02	1	07/23/16 13:10	07/23/16 17:19	EPA 7471B	1,7471B	BV
Nickel, Total	7.9		mg/kg	2.4	0.38	2	07/23/16 11:17	07/27/16 13:34	EPA 3050B	1,6010C	PS
Potassium, Total	560		mg/kg	240	26.	2	07/23/16 11:17	07/27/16 13:34	EPA 3050B	1,6010C	PS
Selenium, Total	ND		mg/kg	1.9	0.26	2	07/23/16 11:17	07/27/16 13:34	EPA 3050B	1,6010C	PS
Silver, Total	ND		mg/kg	0.94	0.19	2	07/23/16 11:17	07/27/16 13:34	EPA 3050B	1,6010C	PS
Sodium, Total	79	J	mg/kg	190	16.	2	07/23/16 11:17	07/27/16 13:34	EPA 3050B	1,6010C	PS
Thallium, Total	ND		mg/kg	1.9	0.30	2	07/23/16 11:17	07/27/16 13:34	EPA 3050B	1,6010C	PS
Vanadium, Total	23		mg/kg	0.94	0.09	2	07/23/16 11:17	07/27/16 13:34	EPA 3050B	1,6010C	PS
Zinc, Total	140		mg/kg	4.7	0.66	2	07/23/16 11:17	07/27/16 13:34	EPA 3050B	1,6010C	PS



Project Name: DC UNITED
Project Number: 40223-004

Lab Number: L1622741
Report Date: 07/31/16

SAMPLE RESULTS

Lab ID: L1622741-28
 Client ID: DP-156-SO-050-02
 Sample Location: WASHINGTON, D.C.
 Matrix: Soil
 Percent Solids: 81%

Date Collected: 07/21/16 14:05
 Date Received: 07/21/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	6400		mg/kg	9.8	1.9	2	07/23/16 11:17	07/27/16 13:42	EPA 3050B	1,6010C	PS
Antimony, Total	ND		mg/kg	4.9	0.78	2	07/23/16 11:17	07/27/16 13:42	EPA 3050B	1,6010C	PS
Arsenic, Total	4.7		mg/kg	0.98	0.32	2	07/23/16 11:17	07/27/16 13:42	EPA 3050B	1,6010C	PS
Barium, Total	77		mg/kg	0.98	0.26	2	07/23/16 11:17	07/27/16 13:42	EPA 3050B	1,6010C	PS
Beryllium, Total	0.38	J	mg/kg	0.49	0.11	2	07/23/16 11:17	07/27/16 13:42	EPA 3050B	1,6010C	PS
Cadmium, Total	ND		mg/kg	0.98	0.07	2	07/23/16 11:17	07/27/16 13:42	EPA 3050B	1,6010C	PS
Calcium, Total	1800		mg/kg	9.8	2.7	2	07/23/16 11:17	07/27/16 13:42	EPA 3050B	1,6010C	PS
Chromium, Total	12		mg/kg	0.98	0.17	2	07/23/16 11:17	07/27/16 13:42	EPA 3050B	1,6010C	PS
Cobalt, Total	6.8		mg/kg	2.0	0.48	2	07/23/16 11:17	07/27/16 13:42	EPA 3050B	1,6010C	PS
Copper, Total	11		mg/kg	0.98	0.18	2	07/23/16 11:17	07/27/16 13:42	EPA 3050B	1,6010C	PS
Iron, Total	17000		mg/kg	4.9	1.5	2	07/23/16 11:17	07/27/16 13:42	EPA 3050B	1,6010C	PS
Lead, Total	73		mg/kg	4.9	0.22	2	07/23/16 11:17	07/27/16 13:42	EPA 3050B	1,6010C	PS
Magnesium, Total	690		mg/kg	9.8	1.3	2	07/23/16 11:17	07/27/16 13:42	EPA 3050B	1,6010C	PS
Manganese, Total	370		mg/kg	0.98	0.23	2	07/23/16 11:17	07/27/16 13:42	EPA 3050B	1,6010C	PS
Mercury, Total	0.23		mg/kg	0.08	0.02	1	07/23/16 13:10	07/23/16 17:26	EPA 7471B	1,7471B	BV
Nickel, Total	5.8		mg/kg	2.4	0.39	2	07/23/16 11:17	07/27/16 13:42	EPA 3050B	1,6010C	PS
Potassium, Total	720		mg/kg	240	27.	2	07/23/16 11:17	07/27/16 13:42	EPA 3050B	1,6010C	PS
Selenium, Total	ND		mg/kg	2.0	0.26	2	07/23/16 11:17	07/27/16 13:42	EPA 3050B	1,6010C	PS
Silver, Total	ND		mg/kg	0.98	0.20	2	07/23/16 11:17	07/27/16 13:42	EPA 3050B	1,6010C	PS
Sodium, Total	130	J	mg/kg	200	16.	2	07/23/16 11:17	07/27/16 13:42	EPA 3050B	1,6010C	PS
Thallium, Total	ND		mg/kg	2.0	0.31	2	07/23/16 11:17	07/27/16 13:42	EPA 3050B	1,6010C	PS
Vanadium, Total	26		mg/kg	0.98	0.09	2	07/23/16 11:17	07/27/16 13:42	EPA 3050B	1,6010C	PS
Zinc, Total	50		mg/kg	4.9	0.68	2	07/23/16 11:17	07/27/16 13:42	EPA 3050B	1,6010C	PS



Project Name: DC UNITED
Project Number: 40223-004

Lab Number: L1622741
Report Date: 07/31/16

SAMPLE RESULTS

Lab ID: L1622741-29
 Client ID: DP-156-SO-100-02
 Sample Location: WASHINGTON, D.C.
 Matrix: Soil
 Percent Solids: 75%

Date Collected: 07/21/16 14:10
 Date Received: 07/21/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	2800		mg/kg	10	2.0	2	07/23/16 11:17	07/27/16 13:46	EPA 3050B	1,6010C	PS
Antimony, Total	ND		mg/kg	5.2	0.83	2	07/23/16 11:17	07/27/16 13:46	EPA 3050B	1,6010C	PS
Arsenic, Total	5.2		mg/kg	1.0	0.34	2	07/23/16 11:17	07/27/16 13:46	EPA 3050B	1,6010C	PS
Barium, Total	110		mg/kg	1.0	0.28	2	07/23/16 11:17	07/27/16 13:46	EPA 3050B	1,6010C	PS
Beryllium, Total	0.23	J	mg/kg	0.52	0.11	2	07/23/16 11:17	07/27/16 13:46	EPA 3050B	1,6010C	PS
Cadmium, Total	ND		mg/kg	1.0	0.07	2	07/23/16 11:17	07/27/16 13:46	EPA 3050B	1,6010C	PS
Calcium, Total	2300		mg/kg	10	2.8	2	07/23/16 11:17	07/27/16 13:46	EPA 3050B	1,6010C	PS
Chromium, Total	4.8		mg/kg	1.0	0.18	2	07/23/16 11:17	07/27/16 13:46	EPA 3050B	1,6010C	PS
Cobalt, Total	4.1		mg/kg	2.1	0.51	2	07/23/16 11:17	07/27/16 13:46	EPA 3050B	1,6010C	PS
Copper, Total	18		mg/kg	1.0	0.19	2	07/23/16 11:17	07/27/16 13:46	EPA 3050B	1,6010C	PS
Iron, Total	3000		mg/kg	5.2	1.6	2	07/23/16 11:17	07/27/16 13:46	EPA 3050B	1,6010C	PS
Lead, Total	27		mg/kg	5.2	0.23	2	07/23/16 11:17	07/27/16 13:46	EPA 3050B	1,6010C	PS
Magnesium, Total	240		mg/kg	10	1.4	2	07/23/16 11:17	07/27/16 13:46	EPA 3050B	1,6010C	PS
Manganese, Total	56		mg/kg	1.0	0.25	2	07/23/16 11:17	07/27/16 13:46	EPA 3050B	1,6010C	PS
Mercury, Total	0.04	J	mg/kg	0.09	0.02	1	07/23/16 13:10	07/23/16 17:28	EPA 7471B	1,7471B	BV
Nickel, Total	8.8		mg/kg	2.6	0.41	2	07/23/16 11:17	07/27/16 13:46	EPA 3050B	1,6010C	PS
Potassium, Total	260		mg/kg	260	29.	2	07/23/16 11:17	07/27/16 13:46	EPA 3050B	1,6010C	PS
Selenium, Total	ND		mg/kg	2.1	0.28	2	07/23/16 11:17	07/27/16 13:46	EPA 3050B	1,6010C	PS
Silver, Total	ND		mg/kg	1.0	0.21	2	07/23/16 11:17	07/27/16 13:46	EPA 3050B	1,6010C	PS
Sodium, Total	190	J	mg/kg	210	17.	2	07/23/16 11:17	07/27/16 13:46	EPA 3050B	1,6010C	PS
Thallium, Total	ND		mg/kg	2.1	0.33	2	07/23/16 11:17	07/27/16 13:46	EPA 3050B	1,6010C	PS
Vanadium, Total	15		mg/kg	1.0	0.09	2	07/23/16 11:17	07/27/16 13:46	EPA 3050B	1,6010C	PS
Zinc, Total	56		mg/kg	5.2	0.72	2	07/23/16 11:17	07/27/16 13:46	EPA 3050B	1,6010C	PS



Project Name: DC UNITED
Project Number: 40223-004

Lab Number: L1622741
Report Date: 07/31/16

SAMPLE RESULTS

Lab ID: L1622741-30
 Client ID: EB-072116
 Sample Location: WASHINGTON, D.C.
 Matrix: Water

Date Collected: 07/21/16 00:00
 Date Received: 07/21/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.055	J	mg/l	0.10	0.020	1	07/26/16 10:10	07/27/16 11:29	EPA 3005A	1,6010C	PS
Antimony, Total	0.0248	J	mg/l	0.0500	0.0080	1	07/26/16 10:10	07/27/16 11:29	EPA 3005A	1,6010C	PS
Arsenic, Total	0.0054		mg/l	0.0050	0.0020	1	07/26/16 10:10	07/27/16 11:29	EPA 3005A	1,6010C	PS
Barium, Total	ND		mg/l	0.0100	0.0030	1	07/26/16 10:10	07/27/16 11:29	EPA 3005A	1,6010C	PS
Beryllium, Total	ND		mg/l	0.0050	0.0010	1	07/26/16 10:10	07/27/16 11:29	EPA 3005A	1,6010C	PS
Cadmium, Total	ND		mg/l	0.0050	0.0007	1	07/26/16 10:10	07/27/16 11:29	EPA 3005A	1,6010C	PS
Calcium, Total	2.8		mg/l	0.10	0.030	1	07/26/16 10:10	07/27/16 11:29	EPA 3005A	1,6010C	PS
Chromium, Total	ND		mg/l	0.010	0.0020	1	07/26/16 10:10	07/27/16 11:29	EPA 3005A	1,6010C	PS
Cobalt, Total	ND		mg/l	0.0200	0.0050	1	07/26/16 10:10	07/27/16 11:29	EPA 3005A	1,6010C	PS
Copper, Total	0.0032	J	mg/l	0.0100	0.0020	1	07/26/16 10:10	07/27/16 11:29	EPA 3005A	1,6010C	PS
Iron, Total	0.16		mg/l	0.050	0.020	1	07/26/16 10:10	07/27/16 11:29	EPA 3005A	1,6010C	PS
Lead, Total	0.0054	J	mg/l	0.0100	0.0020	1	07/26/16 10:10	07/27/16 11:29	EPA 3005A	1,6010C	PS
Magnesium, Total	1.5		mg/l	0.10	0.010	1	07/26/16 10:10	07/27/16 11:29	EPA 3005A	1,6010C	PS
Manganese, Total	0.0025	J	mg/l	0.0100	0.0020	1	07/26/16 10:10	07/27/16 11:29	EPA 3005A	1,6010C	PS
Mercury, Total	ND		mg/l	0.00020	0.00006	1	07/25/16 10:16	07/25/16 17:00	EPA 7470A	1,7470A	EA
Nickel, Total	ND		mg/l	0.0250	0.0040	1	07/26/16 10:10	07/27/16 11:29	EPA 3005A	1,6010C	PS
Potassium, Total	ND		mg/l	2.5	0.40	1	07/26/16 10:10	07/27/16 11:29	EPA 3005A	1,6010C	PS
Selenium, Total	ND		mg/l	0.0100	0.0030	1	07/26/16 10:10	07/27/16 11:29	EPA 3005A	1,6010C	PS
Silver, Total	ND		mg/l	0.0070	0.0020	1	07/26/16 10:10	07/27/16 11:29	EPA 3005A	1,6010C	PS
Sodium, Total	1.8	J	mg/l	2.0	0.30	1	07/26/16 10:10	07/27/16 11:29	EPA 3005A	1,6010C	PS
Thallium, Total	ND		mg/l	0.0200	0.0040	1	07/26/16 10:10	07/27/16 11:29	EPA 3005A	1,6010C	PS
Vanadium, Total	ND		mg/l	0.0100	0.0010	1	07/26/16 10:10	07/27/16 11:29	EPA 3005A	1,6010C	PS
Zinc, Total	0.0128	J	mg/l	0.0500	0.0070	1	07/26/16 10:10	07/27/16 11:29	EPA 3005A	1,6010C	PS



Project Name: DC UNITED
Project Number: 40223-004

Lab Number: L1622741
Report Date: 07/31/16

Method Blank Analysis Batch Quality Control

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-20 Batch: WG916302-1									
Aluminum, Total	ND	mg/kg	4.0	0.79	1	07/23/16 10:15	07/26/16 19:03	1,6010C	JH
Antimony, Total	ND	mg/kg	2.0	0.32	1	07/23/16 10:15	07/26/16 19:03	1,6010C	JH
Arsenic, Total	ND	mg/kg	0.40	0.13	1	07/23/16 10:15	07/26/16 19:03	1,6010C	JH
Barium, Total	ND	mg/kg	0.40	0.11	1	07/23/16 10:15	07/26/16 19:03	1,6010C	JH
Beryllium, Total	ND	mg/kg	0.20	0.04	1	07/23/16 10:15	07/26/16 19:03	1,6010C	JH
Cadmium, Total	ND	mg/kg	0.40	0.03	1	07/23/16 10:15	07/26/16 19:03	1,6010C	JH
Calcium, Total	ND	mg/kg	4.0	1.1	1	07/23/16 10:15	07/26/16 19:03	1,6010C	JH
Chromium, Total	ND	mg/kg	0.40	0.07	1	07/23/16 10:15	07/26/16 19:03	1,6010C	JH
Cobalt, Total	ND	mg/kg	0.80	0.20	1	07/23/16 10:15	07/26/16 19:03	1,6010C	JH
Copper, Total	ND	mg/kg	0.40	0.07	1	07/23/16 10:15	07/26/16 19:03	1,6010C	JH
Iron, Total	ND	mg/kg	2.0	0.63	1	07/23/16 10:15	07/26/16 19:03	1,6010C	JH
Lead, Total	ND	mg/kg	2.0	0.09	1	07/23/16 10:15	07/26/16 19:03	1,6010C	JH
Magnesium, Total	ND	mg/kg	4.0	0.53	1	07/23/16 10:15	07/26/16 19:03	1,6010C	JH
Manganese, Total	ND	mg/kg	0.40	0.10	1	07/23/16 10:15	07/26/16 19:03	1,6010C	JH
Nickel, Total	ND	mg/kg	1.0	0.16	1	07/23/16 10:15	07/26/16 19:03	1,6010C	JH
Potassium, Total	ND	mg/kg	100	11.	1	07/23/16 10:15	07/26/16 19:03	1,6010C	JH
Selenium, Total	ND	mg/kg	0.80	0.11	1	07/23/16 10:15	07/26/16 19:03	1,6010C	JH
Silver, Total	ND	mg/kg	0.40	0.08	1	07/23/16 10:15	07/26/16 19:03	1,6010C	JH
Sodium, Total	ND	mg/kg	80	6.7	1	07/23/16 10:15	07/26/16 19:03	1,6010C	JH
Thallium, Total	ND	mg/kg	0.80	0.13	1	07/23/16 10:15	07/26/16 19:03	1,6010C	JH
Vanadium, Total	ND	mg/kg	0.40	0.04	1	07/23/16 10:15	07/26/16 19:03	1,6010C	JH
Zinc, Total	ND	mg/kg	2.0	0.28	1	07/23/16 10:15	07/26/16 19:03	1,6010C	JH

Prep Information

Digestion Method: EPA 3050B

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-20 Batch: WG916303-1									
Mercury, Total	ND	mg/kg	0.08	0.02	1	07/23/16 13:10	07/26/16 21:57	1,7471B	EA



Project Name: DC UNITED
Project Number: 40223-004

Lab Number: L1622741
Report Date: 07/31/16

Method Blank Analysis Batch Quality Control

Prep Information

Digestion Method: EPA 7471B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 21-26,28-29 Batch: WG916304-1										
Aluminum, Total	ND		mg/kg	4.0	0.79	1	07/23/16 11:17	07/27/16 11:00	1,6010C	PS
Antimony, Total	ND		mg/kg	2.0	0.32	1	07/23/16 11:17	07/27/16 11:00	1,6010C	PS
Arsenic, Total	ND		mg/kg	0.40	0.13	1	07/23/16 11:17	07/27/16 11:00	1,6010C	PS
Barium, Total	ND		mg/kg	0.40	0.11	1	07/23/16 11:17	07/27/16 11:00	1,6010C	PS
Beryllium, Total	ND		mg/kg	0.20	0.04	1	07/23/16 11:17	07/27/16 11:00	1,6010C	PS
Cadmium, Total	ND		mg/kg	0.40	0.03	1	07/23/16 11:17	07/27/16 11:00	1,6010C	PS
Calcium, Total	ND		mg/kg	4.0	1.1	1	07/23/16 11:17	07/27/16 11:00	1,6010C	PS
Chromium, Total	0.08	J	mg/kg	0.40	0.07	1	07/23/16 11:17	07/27/16 11:00	1,6010C	PS
Cobalt, Total	ND		mg/kg	0.80	0.20	1	07/23/16 11:17	07/27/16 11:00	1,6010C	PS
Copper, Total	ND		mg/kg	0.40	0.07	1	07/23/16 11:17	07/27/16 11:00	1,6010C	PS
Iron, Total	ND		mg/kg	2.0	0.63	1	07/23/16 11:17	07/27/16 11:00	1,6010C	PS
Lead, Total	ND		mg/kg	2.0	0.09	1	07/23/16 11:17	07/27/16 11:00	1,6010C	PS
Magnesium, Total	ND		mg/kg	4.0	0.53	1	07/23/16 11:17	07/27/16 11:00	1,6010C	PS
Manganese, Total	ND		mg/kg	0.40	0.10	1	07/23/16 11:17	07/27/16 11:00	1,6010C	PS
Nickel, Total	ND		mg/kg	1.0	0.16	1	07/23/16 11:17	07/27/16 11:00	1,6010C	PS
Potassium, Total	11	J	mg/kg	100	11.	1	07/23/16 11:17	07/27/16 11:00	1,6010C	PS
Selenium, Total	ND		mg/kg	0.80	0.11	1	07/23/16 11:17	07/27/16 11:00	1,6010C	PS
Silver, Total	ND		mg/kg	0.40	0.08	1	07/23/16 11:17	07/27/16 11:00	1,6010C	PS
Sodium, Total	ND		mg/kg	80	6.7	1	07/23/16 11:17	07/27/16 11:00	1,6010C	PS
Thallium, Total	ND		mg/kg	0.80	0.13	1	07/23/16 11:17	07/27/16 11:00	1,6010C	PS
Vanadium, Total	ND		mg/kg	0.40	0.04	1	07/23/16 11:17	07/27/16 11:00	1,6010C	PS
Zinc, Total	0.28	J	mg/kg	2.0	0.28	1	07/23/16 11:17	07/27/16 11:00	1,6010C	PS

Prep Information

Digestion Method: EPA 3050B



Project Name: DC UNITED
Project Number: 40223-004

Lab Number: L1622741
Report Date: 07/31/16

Method Blank Analysis Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 21-29 Batch: WG916306-1										
Mercury, Total	0.03	J	mg/kg	0.08	0.02	1	07/23/16 13:10	07/23/16 16:51	1,7471B	BV

Prep Information

Digestion Method: EPA 7471B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 30 Batch: WG916628-1										
Mercury, Total	ND		mg/l	0.00020	0.00006	1	07/25/16 10:16	07/25/16 16:38	1,7470A	EA

Prep Information

Digestion Method: EPA 7470A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 30 Batch: WG916991-1										
Aluminum, Total	ND		mg/l	0.10	0.020	1	07/26/16 10:10	07/27/16 10:59	1,6010C	PS
Antimony, Total	ND		mg/l	0.0500	0.0080	1	07/26/16 10:10	07/27/16 10:59	1,6010C	PS
Arsenic, Total	ND		mg/l	0.0050	0.0020	1	07/26/16 10:10	07/27/16 12:55	1,6010C	PS
Barium, Total	ND		mg/l	0.0100	0.0030	1	07/26/16 10:10	07/27/16 10:59	1,6010C	PS
Beryllium, Total	ND		mg/l	0.0050	0.0010	1	07/26/16 10:10	07/27/16 10:59	1,6010C	PS
Cadmium, Total	ND		mg/l	0.0050	0.0007	1	07/26/16 10:10	07/27/16 10:59	1,6010C	PS
Calcium, Total	ND		mg/l	0.10	0.030	1	07/26/16 10:10	07/27/16 10:59	1,6010C	PS
Chromium, Total	ND		mg/l	0.010	0.0020	1	07/26/16 10:10	07/27/16 10:59	1,6010C	PS
Cobalt, Total	ND		mg/l	0.0200	0.0050	1	07/26/16 10:10	07/27/16 10:59	1,6010C	PS
Copper, Total	ND		mg/l	0.0100	0.0020	1	07/26/16 10:10	07/27/16 10:59	1,6010C	PS
Iron, Total	ND		mg/l	0.050	0.020	1	07/26/16 10:10	07/27/16 10:59	1,6010C	PS
Lead, Total	ND		mg/l	0.0100	0.0020	1	07/26/16 10:10	07/27/16 10:59	1,6010C	PS
Magnesium, Total	ND		mg/l	0.10	0.010	1	07/26/16 10:10	07/27/16 10:59	1,6010C	PS
Manganese, Total	ND		mg/l	0.0100	0.0020	1	07/26/16 10:10	07/27/16 10:59	1,6010C	PS
Nickel, Total	ND		mg/l	0.0250	0.0040	1	07/26/16 10:10	07/27/16 10:59	1,6010C	PS
Potassium, Total	ND		mg/l	2.5	0.40	1	07/26/16 10:10	07/27/16 10:59	1,6010C	PS



Project Name: DC UNITED

Lab Number: L1622741

Project Number: 40223-004

Report Date: 07/31/16

Method Blank Analysis Batch Quality Control

Selenium, Total	ND	mg/l	0.0100	0.0030	1	07/26/16 10:10	07/27/16 10:59	1,6010C	PS
Silver, Total	ND	mg/l	0.0070	0.0020	1	07/26/16 10:10	07/27/16 10:59	1,6010C	PS
Sodium, Total	ND	mg/l	2.0	0.30	1	07/26/16 10:10	07/27/16 10:59	1,6010C	PS
Thallium, Total	ND	mg/l	0.0200	0.0040	1	07/26/16 10:10	07/27/16 10:59	1,6010C	PS
Vanadium, Total	ND	mg/l	0.0100	0.0010	1	07/26/16 10:10	07/27/16 10:59	1,6010C	PS
Zinc, Total	ND	mg/l	0.0500	0.0070	1	07/26/16 10:10	07/27/16 10:59	1,6010C	PS

Prep Information

Digestion Method: EPA 3005A

Lab Control Sample Analysis

Batch Quality Control

Project Name: DC UNITED

Project Number: 40223-004

Lab Number: L1622741

Report Date: 07/31/16

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Total Metals - Mansfield Lab Associated sample(s): 01-20 Batch: WG916302-2 SRM Lot Number: D089-540								
Aluminum, Total	76		-		52-147	-		
Antimony, Total	133		-		1-197	-		
Arsenic, Total	95		-		80-120	-		
Barium, Total	89		-		83-117	-		
Beryllium, Total	89		-		82-117	-		
Cadmium, Total	95		-		82-117	-		
Calcium, Total	91		-		81-119	-		
Chromium, Total	91		-		79-121	-		
Cobalt, Total	91		-		83-117	-		
Copper, Total	94		-		80-119	-		
Iron, Total	89		-		45-155	-		
Lead, Total	88		-		81-119	-		
Magnesium, Total	82		-		76-123	-		
Manganese, Total	93		-		81-119	-		
Nickel, Total	96		-		82-117	-		
Potassium, Total	85		-		71-128	-		
Selenium, Total	90		-		78-121	-		
Silver, Total	91		-		75-125	-		
Sodium, Total	93		-		71-128	-		
Thallium, Total	86		-		79-120	-		
Vanadium, Total	93		-		77-122	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: DC UNITED

Project Number: 40223-004

Lab Number: L1622741

Report Date: 07/31/16

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-20 Batch: WG916302-2 SRM Lot Number: D089-540					
Zinc, Total	92	-	80-119	-	
Total Metals - Mansfield Lab Associated sample(s): 01-20 Batch: WG916303-2 SRM Lot Number: D089-540					
Mercury, Total	101	-	57-143	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: DC UNITED

Project Number: 40223-004

Lab Number: L1622741

Report Date: 07/31/16

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 21-26,28-29 Batch: WG916304-2 SRM Lot Number: D089-540					
Aluminum, Total	56	-	52-147	-	
Antimony, Total	143	-	1-197	-	
Arsenic, Total	100	-	80-120	-	
Barium, Total	84	-	83-117	-	
Beryllium, Total	84	-	82-117	-	
Cadmium, Total	95	-	82-117	-	
Calcium, Total	81	-	81-119	-	
Chromium, Total	86	-	79-121	-	
Cobalt, Total	91	-	83-117	-	
Copper, Total	88	-	80-119	-	
Iron, Total	75	-	45-155	-	
Lead, Total	92	-	81-119	-	
Magnesium, Total	85	-	76-123	-	
Manganese, Total	82	-	81-119	-	
Nickel, Total	96	-	82-117	-	
Potassium, Total	74	-	71-128	-	
Selenium, Total	88	-	78-121	-	
Silver, Total	86	-	75-125	-	
Sodium, Total	87	-	71-128	-	
Thallium, Total	93	-	79-120	-	
Vanadium, Total	87	-	77-122	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: DC UNITED

Project Number: 40223-004

Lab Number: L1622741

Report Date: 07/31/16

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 21-26,28-29 Batch: WG916304-2 SRM Lot Number: D089-540					
Zinc, Total	95	-	80-119	-	
Total Metals - Mansfield Lab Associated sample(s): 21-29 Batch: WG916306-2 SRM Lot Number: D089-540					
Mercury, Total	80	-	57-143	-	
Total Metals - Mansfield Lab Associated sample(s): 30 Batch: WG916628-2					
Mercury, Total	90	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: DC UNITED

Project Number: 40223-004

Lab Number: L1622741

Report Date: 07/31/16

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 30 Batch: WG916991-2					
Aluminum, Total	90	-	80-120	-	
Antimony, Total	86	-	80-120	-	
Arsenic, Total	115	-	80-120	-	
Barium, Total	96	-	80-120	-	
Beryllium, Total	96	-	80-120	-	
Cadmium, Total	107	-	80-120	-	
Calcium, Total	96	-	80-120	-	
Chromium, Total	95	-	80-120	-	
Cobalt, Total	95	-	80-120	-	
Copper, Total	98	-	80-120	-	
Iron, Total	87	-	80-120	-	
Lead, Total	106	-	80-120	-	
Magnesium, Total	98	-	80-120	-	
Manganese, Total	97	-	80-120	-	
Nickel, Total	98	-	80-120	-	
Potassium, Total	98	-	80-120	-	
Selenium, Total	111	-	80-120	-	
Silver, Total	97	-	80-120	-	
Sodium, Total	99	-	80-120	-	
Thallium, Total	109	-	80-120	-	
Vanadium, Total	99	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: DC UNITED

Project Number: 40223-004

Lab Number: L1622741

Report Date: 07/31/16

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 30 Batch: WG916991-2					
Zinc, Total	98	-	80-120	-	

Matrix Spike Analysis

Batch Quality Control

Project Name: DC UNITED
Project Number: 40223-004

Lab Number: L1622741
Report Date: 07/31/16

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-20 QC Batch ID: WG916302-4 QC Sample: L1622741-01 Client ID: DP-162-SO-010-01												
Aluminum, Total	7800	193	8200	208	Q	-	-		75-125	-		20
Antimony, Total	ND	48.2	43	89		-	-		75-125	-		20
Arsenic, Total	3.5	11.6	14	91		-	-		75-125	-		20
Barium, Total	68.	193	220	79		-	-		75-125	-		20
Beryllium, Total	0.56	4.82	4.3	78		-	-		75-125	-		20
Cadmium, Total	0.44J	4.91	4.9	100		-	-		75-125	-		20
Calcium, Total	52000	964	48000	0	Q	-	-		75-125	-		20
Chromium, Total	24.	19.3	45	109		-	-		75-125	-		20
Cobalt, Total	9.0	48.2	48	81		-	-		75-125	-		20
Copper, Total	40.	24.1	59	79		-	-		75-125	-		20
Iron, Total	13000	96.4	12000	0	Q	-	-		75-125	-		20
Lead, Total	51.	49.1	89	77		-	-		75-125	-		20
Magnesium, Total	4300	964	4500	21	Q	-	-		75-125	-		20
Manganese, Total	240	48.2	280	83		-	-		75-125	-		20
Nickel, Total	13.	48.2	52	81		-	-		75-125	-		20
Potassium, Total	1500	964	2300	83		-	-		75-125	-		20
Selenium, Total	ND	11.6	11	95		-	-		75-125	-		20
Silver, Total	ND	28.9	26	90		-	-		75-125	-		20
Sodium, Total	410	964	1200	82		-	-		75-125	-		20
Thallium, Total	ND	11.6	9.1	79		-	-		75-125	-		20
Vanadium, Total	27.	48.2	68	85		-	-		75-125	-		20

Matrix Spike Analysis Batch Quality Control

Project Name: DC UNITED
Project Number: 40223-004

Lab Number: L1622741
Report Date: 07/31/16

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits	
Total Metals - Mansfield Lab Associated sample(s): 01-20 QC Batch ID: WG916302-4 QC Sample: L1622741-01 Client ID: DP-162-SO-010-01										
Zinc, Total	190	48.2	140	0	Q	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 01-20 QC Batch ID: WG916303-4 QC Sample: L1622741-01 Client ID: DP-162-SO-010-01										
Mercury, Total	0.27	0.159	1.2	584	Q	-	-	80-120	-	20

Matrix Spike Analysis Batch Quality Control

Project Name: DC UNITED
Project Number: 40223-004

Lab Number: L1622741
Report Date: 07/31/16

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 21-26,28-29 QC Batch ID: WG916304-4 QC Sample: L1622741-21 Client ID: DP-157-SO-100-01									
Aluminum, Total	7800	191	8700	471	Q	-	75-125	-	20
Antimony, Total	ND	47.8	40	84		-	75-125	-	20
Arsenic, Total	5.9	11.5	18	105		-	75-125	-	20
Barium, Total	63.	191	260	103		-	75-125	-	20
Beryllium, Total	0.34J	4.78	4.0	84		-	75-125	-	20
Cadmium, Total	ND	4.88	4.2	86		-	75-125	-	20
Calcium, Total	1200	956	4900	387	Q	-	75-125	-	20
Chromium, Total	13.	19.1	26	68	Q	-	75-125	-	20
Cobalt, Total	6.1	47.8	44	79		-	75-125	-	20
Copper, Total	11.	23.9	39	117		-	75-125	-	20
Iron, Total	21000	95.6	29000	8370	Q	-	75-125	-	20
Lead, Total	23.	48.8	130	219	Q	-	75-125	-	20
Magnesium, Total	1100	956	1700	63	Q	-	75-125	-	20
Manganese, Total	250	47.8	320	146	Q	-	75-125	-	20
Nickel, Total	8.7	47.8	48	82		-	75-125	-	20
Potassium, Total	910	956	1600	72	Q	-	75-125	-	20
Selenium, Total	ND	11.5	9.2	80		-	75-125	-	20
Silver, Total	ND	28.7	23	80		-	75-125	-	20
Sodium, Total	280	956	1100	86		-	75-125	-	20
Thallium, Total	ND	11.5	9.1	79		-	75-125	-	20
Vanadium, Total	19.	47.8	57	79		-	75-125	-	20

Matrix Spike Analysis Batch Quality Control

Project Name: DC UNITED
Project Number: 40223-004

Lab Number: L1622741
Report Date: 07/31/16

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 21-26,28-29 QC Batch ID: WG916304-4 QC Sample: L1622741-21 Client ID: DP-157-SO-100-01									
Zinc, Total	45.	47.8	140	199	Q	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 21-29 QC Batch ID: WG916306-4 QC Sample: L1622734-01 Client ID: MS Sample									
Mercury, Total	0.25	0.174	0.40	86	-	-	80-120	-	20
Total Metals - Mansfield Lab Associated sample(s): 30 QC Batch ID: WG916628-4 QC Sample: L1622700-03 Client ID: MS Sample									
Mercury, Total	ND	0.005	0.00417	84	-	-	75-125	-	20

Matrix Spike Analysis Batch Quality Control

Project Name: DC UNITED
Project Number: 40223-004

Lab Number: L1622741
Report Date: 07/31/16

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 30 QC Batch ID: WG916991-4 QC Sample: L1623088-13 Client ID: MS Sample									
Aluminum, Total	ND	2	1.9	95	-	-	75-125	-	20
Antimony, Total	0.018J	0.5	0.373	75	-	-	75-125	-	20
Arsenic, Total	0.0048J	0.12	0.138	115	-	-	75-125	-	20
Barium, Total	ND	2	1.98	99	-	-	75-125	-	20
Beryllium, Total	ND	0.05	0.0492	98	-	-	75-125	-	20
Cadmium, Total	ND	0.051	0.0553	108	-	-	75-125	-	20
Calcium, Total	ND	10	9.5	95	-	-	75-125	-	20
Chromium, Total	ND	0.2	0.19	95	-	-	75-125	-	20
Cobalt, Total	ND	0.5	0.490	98	-	-	75-125	-	20
Copper, Total	ND	0.25	0.250	100	-	-	75-125	-	20
Iron, Total	ND	1	0.90	90	-	-	75-125	-	20
Lead, Total	ND	0.51	0.546	107	-	-	75-125	-	20
Magnesium, Total	ND	10	9.7	97	-	-	75-125	-	20
Manganese, Total	ND	0.5	0.495	99	-	-	75-125	-	20
Nickel, Total	ND	0.5	0.501	100	-	-	75-125	-	20
Potassium, Total	ND	10	9.7	97	-	-	75-125	-	20
Selenium, Total	ND	0.12	0.129	108	-	-	75-125	-	20
Silver, Total	ND	0.05	0.0492	98	-	-	75-125	-	20
Sodium, Total	ND	10	10	100	-	-	75-125	-	20
Thallium, Total	0.005J	0.12	0.131	109	-	-	75-125	-	20
Vanadium, Total	ND	0.5	0.501	100	-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: DC UNITED
Project Number: 40223-004

Lab Number: L1622741
Report Date: 07/31/16

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 30 QC Batch ID: WG916991-4 QC Sample: L1623088-13 Client ID: MS Sample									
Zinc, Total	0.014J	0.5	0.512	102	-	-	75-125	-	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: DC UNITED

Project Number: 40223-004

Lab Number: L1622741

Report Date: 07/31/16

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-20 QC Batch ID: WG916302-3 QC Sample: L1622741-01 Client ID: DP-162-SO-010-01						
Aluminum, Total	7800	7700	mg/kg	1		20
Antimony, Total	ND	1.0J	mg/kg	NC		20
Arsenic, Total	3.5	3.4	mg/kg	3		20
Barium, Total	68.	130	mg/kg	63	Q	20
Beryllium, Total	0.56	0.52	mg/kg	7		20
Cadmium, Total	0.44J	0.25J	mg/kg	NC		20
Calcium, Total	52000	56000	mg/kg	7		20
Chromium, Total	24.	22	mg/kg	9		20
Cobalt, Total	9.0	7.3	mg/kg	21	Q	20
Copper, Total	40.	37	mg/kg	8		20
Iron, Total	13000	14000	mg/kg	7		20
Lead, Total	51.	53	mg/kg	4		20
Magnesium, Total	4300	4300	mg/kg	0		20
Manganese, Total	240	500	mg/kg	70	Q	20
Nickel, Total	13.	12	mg/kg	8		20
Potassium, Total	1500	1600	mg/kg	6		20
Selenium, Total	ND	0.42J	mg/kg	NC		20
Silver, Total	ND	ND	mg/kg	NC		20
Sodium, Total	410	450	mg/kg	9		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: DC UNITED

Project Number: 40223-004

Lab Number: L1622741

Report Date: 07/31/16

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-20 QC Batch ID: WG916302-3 QC Sample: L1622741-01 Client ID: DP-162-SO-010-01					
Thallium, Total	ND	ND	mg/kg	NC	20
Vanadium, Total	27.	24	mg/kg	12	20
Zinc, Total	190	110	mg/kg	53 Q	20
Total Metals - Mansfield Lab Associated sample(s): 01-20 QC Batch ID: WG916303-3 QC Sample: L1622741-01 Client ID: DP-162-SO-010-01					
Mercury, Total	0.27	0.36	mg/kg	29 Q	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: DC UNITED

Project Number: 40223-004

Lab Number: L1622741

Report Date: 07/31/16

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 21-26,28-29 QC Batch ID: WG916304-3 QC Sample: L1622741-21 Client ID: DP-157-SO-100-01					
Aluminum, Total	7800	7400	mg/kg	5	20
Antimony, Total	ND	ND	mg/kg	NC	20
Arsenic, Total	5.9	7.6	mg/kg	25	Q 20
Barium, Total	63.	81	mg/kg	25	Q 20
Beryllium, Total	0.34J	0.35J	mg/kg	NC	20
Cadmium, Total	ND	ND	mg/kg	NC	20
Calcium, Total	1200	2800	mg/kg	80	Q 20
Chromium, Total	13.	12	mg/kg	8	20
Cobalt, Total	6.1	6.7	mg/kg	9	20
Copper, Total	11.	21	mg/kg	63	Q 20
Iron, Total	21000	24000	mg/kg	13	20
Lead, Total	23.	51	mg/kg	76	Q 20
Magnesium, Total	1100	1100	mg/kg	0	20
Manganese, Total	250	300	mg/kg	18	20
Nickel, Total	8.7	9.3	mg/kg	7	20
Potassium, Total	910	870	mg/kg	4	20
Selenium, Total	ND	ND	mg/kg	NC	20
Silver, Total	ND	ND	mg/kg	NC	20
Sodium, Total	280	270	mg/kg	4	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: DC UNITED
Project Number: 40223-004

Lab Number: L1622741
Report Date: 07/31/16

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 21-26,28-29 QC Batch ID: WG916304-3 QC Sample: L1622741-21 Client ID: DP-157-SO-100-01					
Thallium, Total	ND	ND	mg/kg	NC	20
Vanadium, Total	19.	20	mg/kg	5	20
Zinc, Total	45.	68	mg/kg	41 Q	20
Total Metals - Mansfield Lab Associated sample(s): 21-29 QC Batch ID: WG916306-3 QC Sample: L1622734-01 Client ID: DUP Sample					
Mercury, Total	0.25	0.19	mg/kg	27 Q	20
Total Metals - Mansfield Lab Associated sample(s): 30 QC Batch ID: WG916628-3 QC Sample: L1622700-03 Client ID: DUP Sample					
Mercury, Total	ND	ND	mg/l	NC	20
Total Metals - Mansfield Lab Associated sample(s): 30 QC Batch ID: WG916991-3 QC Sample: L1623088-13 Client ID: DUP Sample					
Arsenic, Total	0.0048J	0.0056	mg/l	NC	20
Barium, Total	ND	ND	mg/l	NC	20
Cadmium, Total	ND	ND	mg/l	NC	20
Chromium, Total	ND	ND	mg/l	NC	20
Lead, Total	ND	ND	mg/l	NC	20
Selenium, Total	ND	ND	mg/l	NC	20
Silver, Total	ND	ND	mg/l	NC	20

INORGANICS & MISCELLANEOUS

Project Name: DC UNITED

Lab Number: L1622741

Project Number: 40223-004

Report Date: 07/31/16

SAMPLE RESULTS

Lab ID: L1622741-01
 Client ID: DP-162-SO-010-01
 Sample Location: WASHINGTON, D.C.
 Matrix: Soil

Date Collected: 07/21/16 08:25
 Date Received: 07/21/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	81.4		%	0.100	NA	1	-	07/24/16 09:13	121,2540G	VB



Project Name: DC UNITED

Lab Number: L1622741

Project Number: 40223-004

Report Date: 07/31/16

SAMPLE RESULTS

Lab ID: L1622741-02
 Client ID: DP-162-SO-050-01
 Sample Location: WASHINGTON, D.C.
 Matrix: Soil

Date Collected: 07/21/16 08:30
 Date Received: 07/21/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.4		%	0.100	NA	1	-	07/24/16 09:13	121,2540G	VB



Project Name: DC UNITED

Lab Number: L1622741

Project Number: 40223-004

Report Date: 07/31/16

SAMPLE RESULTS

Lab ID: L1622741-03
 Client ID: DP-162-SO-100-01
 Sample Location: WASHINGTON, D.C.
 Matrix: Soil

Date Collected: 07/21/16 08:35
 Date Received: 07/21/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.0		%	0.100	NA	1	-	07/24/16 09:13	121,2540G	VB



Project Name: DC UNITED

Lab Number: L1622741

Project Number: 40223-004

Report Date: 07/31/16

SAMPLE RESULTS

Lab ID: L1622741-04
 Client ID: DP-161-SO-010-01
 Sample Location: WASHINGTON, D.C.
 Matrix: Soil

Date Collected: 07/21/16 08:05
 Date Received: 07/21/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	78.5		%	0.100	NA	1	-	07/24/16 09:13	121,2540G	VB



Project Name: DC UNITED

Lab Number: L1622741

Project Number: 40223-004

Report Date: 07/31/16

SAMPLE RESULTS

Lab ID: L1622741-05
 Client ID: DP-161-SO-050-01
 Sample Location: WASHINGTON, D.C.
 Matrix: Soil

Date Collected: 07/21/16 08:10
 Date Received: 07/21/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	80.0		%	0.100	NA	1	-	07/24/16 09:13	121,2540G	VB



Project Name: DC UNITED

Lab Number: L1622741

Project Number: 40223-004

Report Date: 07/31/16

SAMPLE RESULTS

Lab ID: L1622741-06
 Client ID: DP-161-SO-100-01
 Sample Location: WASHINGTON, D.C.
 Matrix: Soil

Date Collected: 07/21/16 08:15
 Date Received: 07/21/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	71.6		%	0.100	NA	1	-	07/24/16 09:13	121,2540G	VB



Project Name: DC UNITED

Lab Number: L1622741

Project Number: 40223-004

Report Date: 07/31/16

SAMPLE RESULTS

Lab ID: L1622741-07
 Client ID: DP-160-SO-010-01
 Sample Location: WASHINGTON, D.C.
 Matrix: Soil

Date Collected: 07/21/16 07:40
 Date Received: 07/21/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	81.3		%	0.100	NA	1	-	07/24/16 09:13	121,2540G	VB



Project Name: DC UNITED

Lab Number: L1622741

Project Number: 40223-004

Report Date: 07/31/16

SAMPLE RESULTS

Lab ID: L1622741-08
 Client ID: DP-160-SO-050-01
 Sample Location: WASHINGTON, D.C.
 Matrix: Soil

Date Collected: 07/21/16 07:45
 Date Received: 07/21/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	79.5		%	0.100	NA	1	-	07/24/16 09:13	121,2540G	VB



Project Name: DC UNITED

Lab Number: L1622741

Project Number: 40223-004

Report Date: 07/31/16

SAMPLE RESULTS

Lab ID: L1622741-09
 Client ID: DP-160-SO-100-01
 Sample Location: WASHINGTON, D.C.
 Matrix: Soil

Date Collected: 07/21/16 07:50
 Date Received: 07/21/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	81.3		%	0.100	NA	1	-	07/24/16 09:13	121,2540G	VB



Project Name: DC UNITED

Lab Number: L1622741

Project Number: 40223-004

Report Date: 07/31/16

SAMPLE RESULTS

Lab ID: L1622741-10
 Client ID: DP-155-SO-010-01
 Sample Location: WASHINGTON, D.C.
 Matrix: Soil

Date Collected: 07/21/16 07:25
 Date Received: 07/21/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.2		%	0.100	NA	1	-	07/24/16 09:13	121,2540G	VB



Project Name: DC UNITED

Lab Number: L1622741

Project Number: 40223-004

Report Date: 07/31/16

SAMPLE RESULTS

Lab ID: L1622741-11
 Client ID: DP-155-SO-050-01
 Sample Location: WASHINGTON, D.C.
 Matrix: Soil

Date Collected: 07/21/16 07:30
 Date Received: 07/21/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.3		%	0.100	NA	1	-	07/24/16 09:13	121,2540G	VB



Project Name: DC UNITED

Lab Number: L1622741

Project Number: 40223-004

Report Date: 07/31/16

SAMPLE RESULTS

Lab ID: L1622741-12
 Client ID: DP-155-SO-100-01
 Sample Location: WASHINGTON, D.C.
 Matrix: Soil

Date Collected: 07/21/16 07:35
 Date Received: 07/21/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.2		%	0.100	NA	1	-	07/24/16 09:13	121,2540G	VB



Project Name: DC UNITED

Lab Number: L1622741

Project Number: 40223-004

Report Date: 07/31/16

SAMPLE RESULTS

Lab ID: L1622741-13
 Client ID: DP-154-SO-010-01
 Sample Location: WASHINGTON, D.C.
 Matrix: Soil

Date Collected: 07/21/16 10:40
 Date Received: 07/21/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	79.1		%	0.100	NA	1	-	07/24/16 09:13	121,2540G	VB



Project Name: DC UNITED

Lab Number: L1622741

Project Number: 40223-004

Report Date: 07/31/16

SAMPLE RESULTS

Lab ID: L1622741-14
 Client ID: DP-154-SO-050-01
 Sample Location: WASHINGTON, D.C.
 Matrix: Soil

Date Collected: 07/21/16 10:45
 Date Received: 07/21/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.4		%	0.100	NA	1	-	07/24/16 09:13	121,2540G	VB



Project Name: DC UNITED

Lab Number: L1622741

Project Number: 40223-004

Report Date: 07/31/16

SAMPLE RESULTS

Lab ID: L1622741-15
 Client ID: DP-154-SO-100-01
 Sample Location: WASHINGTON, D.C.
 Matrix: Soil

Date Collected: 07/21/16 10:50
 Date Received: 07/21/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	76.0		%	0.100	NA	1	-	07/24/16 09:13	121,2540G	VB



Project Name: DC UNITED

Lab Number: L1622741

Project Number: 40223-004

Report Date: 07/31/16

SAMPLE RESULTS

Lab ID: L1622741-16
 Client ID: DP-156-SO-010-01
 Sample Location: WASHINGTON, D.C.
 Matrix: Soil

Date Collected: 07/21/16 10:25
 Date Received: 07/21/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	79.7		%	0.100	NA	1	-	07/24/16 09:13	121,2540G	VB



Project Name: DC UNITED

Lab Number: L1622741

Project Number: 40223-004

Report Date: 07/31/16

SAMPLE RESULTS

Lab ID: L1622741-17
 Client ID: DP-156-SO-050-01
 Sample Location: WASHINGTON, D.C.
 Matrix: Soil

Date Collected: 07/21/16 10:30
 Date Received: 07/21/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	74.8		%	0.100	NA	1	-	07/24/16 09:13	121,2540G	VB



Project Name: DC UNITED

Lab Number: L1622741

Project Number: 40223-004

Report Date: 07/31/16

SAMPLE RESULTS

Lab ID: L1622741-18
 Client ID: DP-156-SO-100-01
 Sample Location: WASHINGTON, D.C.
 Matrix: Soil

Date Collected: 07/21/16 10:35
 Date Received: 07/21/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	60.5		%	0.100	NA	1	-	07/24/16 09:13	121,2540G	VB



Project Name: DC UNITED

Lab Number: L1622741

Project Number: 40223-004

Report Date: 07/31/16

SAMPLE RESULTS

Lab ID: L1622741-19
 Client ID: DP-157-SO-010-01
 Sample Location: WASHINGTON, D.C.
 Matrix: Soil

Date Collected: 07/21/16 10:05
 Date Received: 07/21/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.6		%	0.100	NA	1	-	07/24/16 09:13	121,2540G	VB



Project Name: DC UNITED

Lab Number: L1622741

Project Number: 40223-004

Report Date: 07/31/16

SAMPLE RESULTS

Lab ID: L1622741-20
 Client ID: DP-157-SO-050-01
 Sample Location: WASHINGTON, D.C.
 Matrix: Soil

Date Collected: 07/21/16 10:10
 Date Received: 07/21/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.9		%	0.100	NA	1	-	07/24/16 09:13	121,2540G	VB



Project Name: DC UNITED

Lab Number: L1622741

Project Number: 40223-004

Report Date: 07/31/16

SAMPLE RESULTS

Lab ID: L1622741-21
 Client ID: DP-157-SO-100-01
 Sample Location: WASHINGTON, D.C.
 Matrix: Soil

Date Collected: 07/21/16 10:15
 Date Received: 07/21/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.4		%	0.100	NA	1	-	07/24/16 10:37	121,2540G	VB



Project Name: DC UNITED
Project Number: 40223-004

Lab Number: L1622741
Report Date: 07/31/16

SAMPLE RESULTS

Lab ID: L1622741-22
Client ID: DP-163-SO-010-01
Sample Location: WASHINGTON, D.C.
Matrix: Soil

Date Collected: 07/21/16 09:20
Date Received: 07/21/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.9		%	0.100	NA	1	-	07/24/16 10:37	121,2540G	VB



Project Name: DC UNITED

Lab Number: L1622741

Project Number: 40223-004

Report Date: 07/31/16

SAMPLE RESULTS

Lab ID: L1622741-23
 Client ID: DP-163-SO-050-01
 Sample Location: WASHINGTON, D.C.
 Matrix: Soil

Date Collected: 07/21/16 09:25
 Date Received: 07/21/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.3		%	0.100	NA	1	-	07/24/16 10:37	121,2540G	VB



Project Name: DC UNITED

Lab Number: L1622741

Project Number: 40223-004

Report Date: 07/31/16

SAMPLE RESULTS

Lab ID: L1622741-24
 Client ID: DP-163-SO-100-01
 Sample Location: WASHINGTON, D.C.
 Matrix: Soil

Date Collected: 07/21/16 09:30
 Date Received: 07/21/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	67.7		%	0.100	NA	1	-	07/24/16 10:37	121,2540G	VB



Project Name: DC UNITED

Lab Number: L1622741

Project Number: 40223-004

Report Date: 07/31/16

SAMPLE RESULTS

Lab ID: L1622741-25
 Client ID: DP-163-SO-010-02
 Sample Location: WASHINGTON, D.C.
 Matrix: Soil

Date Collected: 07/21/16 11:45
 Date Received: 07/21/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.0		%	0.100	NA	1	-	07/24/16 10:37	121,2540G	VB



Project Name: DC UNITED

Lab Number: L1622741

Project Number: 40223-004

Report Date: 07/31/16

SAMPLE RESULTS

Lab ID: L1622741-26
 Client ID: DP-163-SO-050-02
 Sample Location: WASHINGTON, D.C.
 Matrix: Soil

Date Collected: 07/21/16 11:50
 Date Received: 07/21/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.1		%	0.100	NA	1	-	07/24/16 10:37	121,2540G	VB



Project Name: DC UNITED

Lab Number: L1622741

Project Number: 40223-004

Report Date: 07/31/16

SAMPLE RESULTS

Lab ID: L1622741-28
 Client ID: DP-156-SO-050-02
 Sample Location: WASHINGTON, D.C.
 Matrix: Soil

Date Collected: 07/21/16 14:05
 Date Received: 07/21/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	80.8		%	0.100	NA	1	-	07/24/16 10:37	121,2540G	VB



Project Name: DC UNITED

Lab Number: L1622741

Project Number: 40223-004

Report Date: 07/31/16

SAMPLE RESULTS

Lab ID: L1622741-29
 Client ID: DP-156-SO-100-02
 Sample Location: WASHINGTON, D.C.
 Matrix: Soil

Date Collected: 07/21/16 14:10
 Date Received: 07/21/16
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	74.9		%	0.100	NA	1	-	07/24/16 10:37	121,2540G	VB



Lab Duplicate Analysis

Batch Quality Control

Project Name: DC UNITED

Project Number: 40223-004

Lab Number: L1622741

Report Date: 07/31/16

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 21-26,28-29 QC Batch ID: WG916460-1 QC Sample: L1622741-21 Client ID: DP-157-SO-100-01						
Solids, Total	83.4	84.1	%	1		20
General Chemistry - Westborough Lab Associated sample(s): 01-20 QC Batch ID: WG916461-1 QC Sample: L1622741-01 Client ID: DP-162-SO-010-01						
Solids, Total	81.4	88.2	%	8		20

Project Name: DC UNITED

Lab Number: L1622741

Project Number: 40223-004

Report Date: 07/31/16

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information Custody Seal

Cooler

A	Absent
B	Absent
C	Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1622741-01A	Metals Only - Glass 60mL/2oz unp	C	N/A	3.7	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1622741-01B	Vial Large Septa unpreserved (4o	C	N/A	3.7	Y	Absent	PA-8260(14)
L1622741-01C	Vial Large Septa unpreserved (4o	C	N/A	3.7	Y	Absent	PA-TPH-GRO(14)
L1622741-01C9	Vial MeOH preserved split	C	N/A	3.7	Y	Absent	PA-TPH-GRO(14)
L1622741-01D	Glass 250ml/8oz unpreserved	C	N/A	3.7	Y	Absent	PA-8082(14),TS(7),PA-TPH-DROD-C44(14),PA-8270(14)
L1622741-02A	Metals Only - Glass 60mL/2oz unp	C	N/A	3.7	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1622741-02B	Vial Large Septa unpreserved (4o	C	N/A	3.7	Y	Absent	PA-8260(14)
L1622741-02C	Vial Large Septa unpreserved (4o	C	N/A	3.7	Y	Absent	PA-TPH-GRO(14)
L1622741-02C9	Vial MeOH preserved split	C	N/A	3.7	Y	Absent	PA-TPH-GRO(14)
L1622741-02D	Glass 250ml/8oz unpreserved	C	N/A	3.7	Y	Absent	PA-8082(14),TS(7),PA-TPH-DROD-C44(14),PA-8270(14)

*Values in parentheses indicate holding time in days



Project Name: DC UNITED

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Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1622741-03A	Metals Only - Glass 60mL/2oz unp	C	N/A	3.7	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1622741-03B	Vial Large Septa unpreserved (4o	C	N/A	3.7	Y	Absent	PA-8260(14)
L1622741-03C	Vial Large Septa unpreserved (4o	C	N/A	3.7	Y	Absent	PA-TPH-GRO(14)
L1622741-03C9	Vial MeOH preserved split	C	N/A	3.7	Y	Absent	PA-TPH-GRO(14)
L1622741-03D	Glass 250ml/8oz unpreserved	C	N/A	3.7	Y	Absent	PA-8082(14),TS(7),PA-TPH-DROD-C44(14),PA-8270(14)
L1622741-04A	Metals Only - Glass 60mL/2oz unp	C	N/A	3.7	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1622741-04B	Vial Large Septa unpreserved (4o	C	N/A	3.7	Y	Absent	PA-8260(14)
L1622741-04C	Vial Large Septa unpreserved (4o	C	N/A	3.7	Y	Absent	PA-TPH-GRO(14)
L1622741-04C9	Vial MeOH preserved split	C	N/A	3.7	Y	Absent	PA-TPH-GRO(14)
L1622741-04D	Glass 250ml/8oz unpreserved	C	N/A	3.7	Y	Absent	PA-8082(14),TS(7),PA-TPH-DROD-C44(14),PA-8270(14)
L1622741-05A	Metals Only - Glass 60mL/2oz unp	C	N/A	3.7	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1622741-05B	Vial Large Septa unpreserved (4o	C	N/A	3.7	Y	Absent	PA-8260(14)
L1622741-05C	Vial Large Septa unpreserved (4o	C	N/A	3.7	Y	Absent	PA-TPH-GRO(14)
L1622741-05C9	Vial MeOH preserved split	C	N/A	3.7	Y	Absent	PA-TPH-GRO(14)
L1622741-05D	Glass 250ml/8oz unpreserved	C	N/A	3.7	Y	Absent	PA-8082(14),TS(7),PA-TPH-DROD-C44(14),PA-8270(14)

*Values in parentheses indicate holding time in days



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Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1622741-06A	Metals Only - Glass 60mL/2oz unp	C	N/A	3.7	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1622741-06B	Vial Large Septa unpreserved (4o	C	N/A	3.7	Y	Absent	PA-8260(14)
L1622741-06C	Vial Large Septa unpreserved (4o	C	N/A	3.7	Y	Absent	PA-TPH-GRO(14)
L1622741-06C9	Vial MeOH preserved split	C	N/A	3.7	Y	Absent	PA-TPH-GRO(14)
L1622741-06D	Glass 250ml/8oz unpreserved	C	N/A	3.7	Y	Absent	PA-8082(14),TS(7),PA-TPH-DROD-C44(14),PA-8270(14)
L1622741-07A	Metals Only - Glass 60mL/2oz unp	C	N/A	3.7	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1622741-07B	Vial Large Septa unpreserved (4o	C	N/A	3.7	Y	Absent	PA-8260(14)
L1622741-07C	Vial Large Septa unpreserved (4o	C	N/A	3.7	Y	Absent	PA-TPH-GRO(14)
L1622741-07C9	Vial MeOH preserved split	C	N/A	3.7	Y	Absent	PA-TPH-GRO(14)
L1622741-07D	Glass 250ml/8oz unpreserved	C	N/A	3.7	Y	Absent	PA-8082(14),TS(7),PA-TPH-DROD-C44(14),PA-8270(14)
L1622741-08A	Metals Only - Glass 60mL/2oz unp	C	N/A	3.7	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1622741-08B	Vial Large Septa unpreserved (4o	C	N/A	3.7	Y	Absent	PA-8260(14)
L1622741-08C	Vial Large Septa unpreserved (4o	C	N/A	3.7	Y	Absent	PA-TPH-GRO(14)
L1622741-08C9	Vial MeOH preserved split	C	N/A	3.7	Y	Absent	PA-TPH-GRO(14)
L1622741-08D	Glass 250ml/8oz unpreserved	C	N/A	3.7	Y	Absent	PA-8082(14),TS(7),PA-TPH-DROD-C44(14),PA-8270(14)

*Values in parentheses indicate holding time in days



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Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1622741-09A	Metals Only - Glass 60mL/2oz unp	C	N/A	3.7	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1622741-09B	Vial Large Septa unpreserved (4o	C	N/A	3.7	Y	Absent	PA-8260(14)
L1622741-09C	Vial Large Septa unpreserved (4o	C	N/A	3.7	Y	Absent	PA-TPH-GRO(14)
L1622741-09C9	Vial MeOH preserved split	C	N/A	3.7	Y	Absent	PA-TPH-GRO(14)
L1622741-09D	Glass 250ml/8oz unpreserved	C	N/A	3.7	Y	Absent	PA-8082(14),TS(7),PA-TPH-DROD-C44(14),PA-8270(14)
L1622741-10A	Metals Only - Glass 60mL/2oz unp	C	N/A	3.7	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1622741-10B	Vial Large Septa unpreserved (4o	C	N/A	3.7	Y	Absent	PA-8260(14)
L1622741-10C	Vial Large Septa unpreserved (4o	C	N/A	3.7	Y	Absent	PA-TPH-GRO(14)
L1622741-10C9	Vial MeOH preserved split	C	N/A	3.7	Y	Absent	PA-TPH-GRO(14)
L1622741-10D	Glass 250ml/8oz unpreserved	C	N/A	3.7	Y	Absent	PA-8082(14),TS(7),PA-TPH-DROD-C44(14),PA-8270(14)
L1622741-11A	Metals Only - Glass 60mL/2oz unp	C	N/A	3.7	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1622741-11B	Vial Large Septa unpreserved (4o	C	N/A	3.7	Y	Absent	PA-8260(14)
L1622741-11C	Vial Large Septa unpreserved (4o	C	N/A	3.7	Y	Absent	PA-TPH-GRO(14)
L1622741-11C9	Vial MeOH preserved split	C	N/A	3.7	Y	Absent	PA-TPH-GRO(14)
L1622741-11D	Glass 250ml/8oz unpreserved	C	N/A	3.7	Y	Absent	PA-8082(14),TS(7),PA-TPH-DROD-C44(14),PA-8270(14)

*Values in parentheses indicate holding time in days



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Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1622741-12A	Metals Only - Glass 60mL/2oz unp	C	N/A	3.7	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1622741-12B	Vial Large Septa unpreserved (4o	C	N/A	3.7	Y	Absent	PA-8260(14)
L1622741-12C	Vial Large Septa unpreserved (4o	C	N/A	3.7	Y	Absent	PA-TPH-GRO(14)
L1622741-12C9	Vial MeOH preserved split	C	N/A	3.7	Y	Absent	PA-TPH-GRO(14)
L1622741-12D	Glass 250ml/8oz unpreserved	C	N/A	3.7	Y	Absent	PA-8082(14),TS(7),PA-TPH-DROD-C44(14),PA-8270(14)
L1622741-13A	Metals Only - Glass 60mL/2oz unp	B	N/A	5.3	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1622741-13B	Vial Large Septa unpreserved (4o	B	N/A	5.3	Y	Absent	PA-8260(14)
L1622741-13C	Vial Large Septa unpreserved (4o	B	N/A	5.3	Y	Absent	PA-TPH-GRO(14)
L1622741-13C9	Vial MeOH preserved split	B	N/A	5.3	Y	Absent	PA-TPH-GRO(14)
L1622741-13D	Glass 250ml/8oz unpreserved	B	N/A	5.3	Y	Absent	PA-8082(14),TS(7),PA-TPH-DROD-C44(14),PA-8270(14)
L1622741-14A	Metals Only - Glass 60mL/2oz unp	B	N/A	5.3	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1622741-14B	Vial Large Septa unpreserved (4o	B	N/A	5.3	Y	Absent	PA-8260(14)
L1622741-14C	Vial Large Septa unpreserved (4o	B	N/A	5.3	Y	Absent	PA-TPH-GRO(14)
L1622741-14C9	Vial MeOH preserved split	B	N/A	5.3	Y	Absent	PA-TPH-GRO(14)
L1622741-14D	Glass 250ml/8oz unpreserved	B	N/A	5.3	Y	Absent	PA-8082(14),TS(7),PA-TPH-DROD-C44(14),PA-8270(14)

*Values in parentheses indicate holding time in days



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Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1622741-15A	Metals Only - Glass 60mL/2oz unp	B	N/A	5.3	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1622741-15B	Vial Large Septa unpreserved (4o	B	N/A	5.3	Y	Absent	PA-8260(14)
L1622741-15C	Vial Large Septa unpreserved (4o	B	N/A	5.3	Y	Absent	PA-TPH-GRO(14)
L1622741-15C9	Vial MeOH preserved split	B	N/A	5.3	Y	Absent	PA-TPH-GRO(14)
L1622741-15D	Glass 250ml/8oz unpreserved	B	N/A	5.3	Y	Absent	PA-8082(14),TS(7),PA-TPH-DROD-C44(14),PA-8270(14)
L1622741-16A	Metals Only - Glass 60mL/2oz unp	B	N/A	5.3	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1622741-16B	Vial Large Septa unpreserved (4o	B	N/A	5.3	Y	Absent	PA-8260(14)
L1622741-16C	Vial Large Septa unpreserved (4o	B	N/A	5.3	Y	Absent	PA-TPH-GRO(14)
L1622741-16C9	Vial MeOH preserved split	B	N/A	5.3	Y	Absent	PA-TPH-GRO(14)
L1622741-16D	Glass 250ml/8oz unpreserved	B	N/A	5.3	Y	Absent	PA-8082(14),TS(7),PA-TPH-DROD-C44(14),PA-8270(14)
L1622741-17A	Metals Only - Glass 60mL/2oz unp	B	N/A	5.3	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1622741-17B	Vial Large Septa unpreserved (4o	B	N/A	5.3	Y	Absent	PA-8260(14)
L1622741-17C	Vial Large Septa unpreserved (4o	B	N/A	5.3	Y	Absent	PA-TPH-GRO(14)
L1622741-17C9	Vial MeOH preserved split	B	N/A	5.3	Y	Absent	PA-TPH-GRO(14)
L1622741-17D	Glass 250ml/8oz unpreserved	B	N/A	5.3	Y	Absent	PA-8082(14),TS(7),PA-TPH-DROD-C44(14),PA-8270(14)

*Values in parentheses indicate holding time in days



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Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1622741-18A	Metals Only - Glass 60mL/2oz unp	B	N/A	5.3	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1622741-18B	Vial Large Septa unpreserved (4o	B	N/A	5.3	Y	Absent	PA-8260(14)
L1622741-18C	Vial Large Septa unpreserved (4o	B	N/A	5.3	Y	Absent	PA-TPH-GRO(14)
L1622741-18C9	Vial MeOH preserved split	B	N/A	5.3	Y	Absent	PA-TPH-GRO(14)
L1622741-18D	Glass 250ml/8oz unpreserved	B	N/A	5.3	Y	Absent	PA-8082(14),TS(7),PA-TPH-DROD-C44(14),PA-8270(14)
L1622741-19A	Metals Only - Glass 60mL/2oz unp	B	N/A	5.3	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1622741-19B	Vial Large Septa unpreserved (4o	B	N/A	5.3	Y	Absent	PA-8260(14)
L1622741-19C	Vial Large Septa unpreserved (4o	B	N/A	5.3	Y	Absent	PA-TPH-GRO(14)
L1622741-19C9	Vial MeOH preserved split	B	N/A	5.3	Y	Absent	PA-TPH-GRO(14)
L1622741-19D	Glass 250ml/8oz unpreserved	B	N/A	5.3	Y	Absent	PA-8082(14),TS(7),PA-TPH-DROD-C44(14),PA-8270(14)
L1622741-20A	Metals Only - Glass 60mL/2oz unp	B	N/A	5.3	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1622741-20B	Vial Large Septa unpreserved (4o	B	N/A	5.3	Y	Absent	PA-8260(14)
L1622741-20C	Vial Large Septa unpreserved (4o	B	N/A	5.3	Y	Absent	PA-TPH-GRO(14)
L1622741-20C9	Vial MeOH preserved split	B	N/A	5.3	Y	Absent	PA-TPH-GRO(14)
L1622741-20D	Glass 250ml/8oz unpreserved	B	N/A	5.3	Y	Absent	PA-8082(14),TS(7),PA-TPH-DROD-C44(14),PA-8270(14)

*Values in parentheses indicate holding time in days



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Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1622741-21A	Metals Only - Glass 60mL/2oz unp	B	N/A	5.3	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1622741-21B	Vial Large Septa unpreserved (4o	B	N/A	5.3	Y	Absent	PA-8260(14)
L1622741-21C	Vial Large Septa unpreserved (4o	B	N/A	5.3	Y	Absent	PA-TPH-GRO(14)
L1622741-21C9	Vial MeOH preserved split	B	N/A	5.3	Y	Absent	PA-TPH-GRO(14)
L1622741-21D	Glass 250ml/8oz unpreserved	B	N/A	5.3	Y	Absent	PA-8082(14),TS(7),PA-TPH-DROD-C44(14),PA-8270(14)
L1622741-22A	Metals Only - Glass 60mL/2oz unp	B	N/A	5.3	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1622741-22B	Vial Large Septa unpreserved (4o	B	N/A	5.3	Y	Absent	PA-8260(14)
L1622741-22C	Vial Large Septa unpreserved (4o	B	N/A	5.3	Y	Absent	PA-TPH-GRO(14)
L1622741-22C9	Vial MeOH preserved split	B	N/A	5.3	Y	Absent	PA-TPH-GRO(14)
L1622741-22D	Glass 250ml/8oz unpreserved	B	N/A	5.3	Y	Absent	PA-8082(14),TS(7),PA-TPH-DROD-C44(14),PA-8270(14)
L1622741-23A	Metals Only - Glass 60mL/2oz unp	B	N/A	5.3	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1622741-23B	Vial Large Septa unpreserved (4o	B	N/A	5.3	Y	Absent	PA-8260(14)
L1622741-23C	Vial Large Septa unpreserved (4o	B	N/A	5.3	Y	Absent	PA-TPH-GRO(14)
L1622741-23C9	Vial MeOH preserved split	B	N/A	5.3	Y	Absent	PA-TPH-GRO(14)
L1622741-23D	Glass 250ml/8oz unpreserved	B	N/A	5.3	Y	Absent	PA-8082(14),TS(7),PA-TPH-DROD-C44(14),PA-8270(14)

*Values in parentheses indicate holding time in days



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Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1622741-24A	Metals Only - Glass 60mL/2oz unp	B	N/A	5.3	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1622741-24B	Vial Large Septa unpreserved (4o	B	N/A	5.3	Y	Absent	PA-8260(14)
L1622741-24C	Vial Large Septa unpreserved (4o	B	N/A	5.3	Y	Absent	PA-TPH-GRO(14)
L1622741-24C9	Vial MeOH preserved split	B	N/A	5.3	Y	Absent	PA-TPH-GRO(14)
L1622741-24D	Glass 250ml/8oz unpreserved	B	N/A	5.3	Y	Absent	PA-8082(14),TS(7),PA-TPH-DROD-C44(14),PA-8270(14)
L1622741-25A	Metals Only - Glass 60mL/2oz unp	B	N/A	5.3	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1622741-25B	Vial Large Septa unpreserved (4o	B	N/A	5.3	Y	Absent	PA-8260(14)
L1622741-25C	Vial Large Septa unpreserved (4o	B	N/A	5.3	Y	Absent	PA-TPH-GRO(14)
L1622741-25C9	Vial MeOH preserved split	B	N/A	5.3	Y	Absent	PA-TPH-GRO(14)
L1622741-25D	Glass 250ml/8oz unpreserved	B	N/A	5.3	Y	Absent	PA-8082(14),TS(7),PA-TPH-DROD-C44(14),PA-8270(14)
L1622741-26A	Metals Only - Glass 60mL/2oz unp	B	N/A	5.3	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1622741-26B	Vial Large Septa unpreserved (4o	B	N/A	5.3	Y	Absent	PA-8260(14)
L1622741-26C	Vial Large Septa unpreserved (4o	B	N/A	5.3	Y	Absent	PA-TPH-GRO(14)
L1622741-26C9	Vial MeOH preserved split	B	N/A	5.3	Y	Absent	PA-TPH-GRO(14)
L1622741-26D	Glass 250ml/8oz unpreserved	B	N/A	5.3	Y	Absent	PA-8082(14),TS(7),PA-TPH-DROD-C44(14),PA-8270(14)
L1622741-27A	Metals Only - Glass 60mL/2oz unp	B	N/A	5.3	Y	Absent	HOLD-METAL(180)
L1622741-27B	Vial Large Septa unpreserved (4o	B	N/A	5.3	Y	Absent	HOLD-8260(14)
L1622741-27C	Vial Large Septa unpreserved (4o	B	N/A	5.3	Y	Absent	HOLD-PETRO(14)

*Values in parentheses indicate holding time in days



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Container Information

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L1622741-27C9	Vial MeOH preserved split	B	N/A	5.3	Y	Absent	HOLD-PETRO(14)
L1622741-27D	Glass 250ml/8oz unpreserved	B	N/A	5.3	Y	Absent	HOLD()
L1622741-28A	Metals Only - Glass 60mL/2oz unp	A	N/A	3.2	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1622741-28B	Vial Large Septa unpreserved (4o	A	N/A	3.2	Y	Absent	PA-8260(14)
L1622741-28C	Vial Large Septa unpreserved (4o	A	N/A	3.2	Y	Absent	PA-TPH-GRO(14)
L1622741-28C9	Vial MeOH preserved split	A	N/A	3.2	Y	Absent	PA-TPH-GRO(14)
L1622741-28D	Glass 250ml/8oz unpreserved	A	N/A	3.2	Y	Absent	PA-8082(14),TS(7),PA-TPH-DROD-C44(14),PA-8270(14)
L1622741-29A	Metals Only - Glass 60mL/2oz unp	A	N/A	3.2	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1622741-29B	Vial Large Septa unpreserved (4o	A	N/A	3.2	Y	Absent	PA-8260(14)
L1622741-29C	Vial Large Septa unpreserved (4o	A	N/A	3.2	Y	Absent	PA-TPH-GRO(14)
L1622741-29C9	Vial MeOH preserved split	A	N/A	3.2	Y	Absent	PA-TPH-GRO(14)
L1622741-29D	Glass 250ml/8oz unpreserved	A	N/A	3.2	Y	Absent	PA-8082(14),TS(7),PA-TPH-DROD-C44(14),PA-8270(14)
L1622741-30A	Vial HCl preserved	A	N/A	3.2	Y	Absent	PA-8260(14)
L1622741-30B	Vial HCl preserved	A	N/A	3.2	Y	Absent	PA-8260(14)
L1622741-30C	Vial HCl preserved	A	N/A	3.2	Y	Absent	PA-TPH-GRO(14)
L1622741-30F	Plastic 250ml HNO3 preserved	A	<2	3.2	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1622741-30I	Amber 1000ml unpreserved	A	7	3.2	Y	Absent	PA-8082(7)
L1622741-30J	Amber 1000ml unpreserved	A	7	3.2	Y	Absent	PA-TPH-DROD-C44(7)

*Values in parentheses indicate holding time in days



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Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1622741-30K	Amber 1000ml unpreserved	A	7	3.2	Y	Absent	PA-TPH-DROD-C44(7)
L1622741-31A	Vial unpreserved	A	N/A	3.2	Y	Absent	PA-8260(7)
L1622741-31B	Vial unpreserved	A	N/A	3.2	Y	Absent	PA-8260(7)
L1622741-31C	Vial unpreserved	A	N/A	3.2	Y	Absent	PA-8260(7)
L1622741-31D	Vial unpreserved	A	N/A	3.2	Y	Absent	PA-8260(7)

*Values in parentheses indicate holding time in days



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GLOSSARY

Acronyms

EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Footnotes

- 1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Data Qualifiers

- A** - Spectra identified as "Aldol Condensation Product".
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the

Report Format: DU Report with 'J' Qualifiers



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Data Qualifiers

- reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
 - D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
 - E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
 - G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.
 - H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
 - I** - The lower value for the two columns has been reported due to obvious interference.
 - M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
 - NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
 - P** - The RPD between the results for the two columns exceeds the method-specified criteria.
 - Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
 - R** - Analytical results are from sample re-analysis.
 - RE** - Analytical results are from sample re-extraction.
 - S** - Analytical results are from modified screening analysis.
 - J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).
 - ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

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REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.
- 121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility

EPA 524.2: 1,2-Dibromo-3-chloropropane, 1,2-Dibromoethane, m/p-xylene, o-xylene
EPA 624: 2-Butanone (MEK), 1,4-Dioxane, tert-Amylmethyl Ether, tert-Butyl Alcohol, m/p-xylene, o-xylene
EPA 625: Aniline, Benzoic Acid, Benzyl Alcohol, 4-Chloroaniline, 3-Methylphenol, 4-Methylphenol.
EPA 1010A: NPW: Ignitability
EPA 6010C: NPW: Strontium; SCM: Strontium
EPA 8151A: NPW: 2,4-DB, Dicamba, Dichloroprop, MCPA, MCPP; SCM: 2,4-DB, Dichloroprop, MCPA, MCPP
EPA 8260C: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene, Isopropanol; SCM: Iodomethane (methyl iodide), Methyl methacrylate (soil); 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D: NPW: Pentachloronitrobenzene, 1-Methylnaphthalene, Dimethylnaphthalene, 1,4-Diphenylhydrazine; SCM: Pentachloronitrobenzene, 1-Methylnaphthalene, Dimethylnaphthalene, 1,4-Diphenylhydrazine.
EPA 9010: NPW: Amenable Cyanide Distillation, Total Cyanide Distillation
EPA 9038: NPW: Sulfate
EPA 9050A: NPW: Specific Conductance
EPA 9056: NPW: Chloride, Nitrate, Sulfate
EPA 9065: NPW: Phenols
EPA 9251: NPW: Chloride
SM3500: NPW: Ferrous Iron
SM4500: NPW: Amenable Cyanide, Dissolved Oxygen; SCM: Total Phosphorus, TKN, NO₂, NO₃.
SM5310C: DW: Dissolved Organic Carbon

Mansfield Facility

EPA 8270D: NPW: Biphenyl; SCM: Biphenyl, Caprolactam
EPA 8270D-SIM Isotope Dilution: SCM: 1,4-Dioxane
SM 2540D: TSS
SM2540G: SCM: Percent Solids
EPA 1631E: SCM: Mercury
EPA 7474: SCM: Mercury
EPA 8081B: NPW and SCM: Mirex, Hexachlorobenzene.
EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.
EPA 8270-SIM: NPW and SCM: Alkylated PAHs.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene, n-Butylbenzene, n-Propylbenzene, sec-Butylbenzene, tert-Butylbenzene.
Biological Tissue Matrix: **8270D-SIM; 3050B; 3051A; 7471B; 8081B; 8082A; 6020A:** Lead; **8270D:** bis(2-ethylhexyl)phthalate, Butylbenzylphthalate, Diethyl phthalate, Dimethyl phthalate, Di-n-butyl phthalate, Di-n-octyl phthalate, Fluoranthene, Pentachlorophenol.

The following analytes are included in our Massachusetts DEP Scope of Accreditation, Westborough Facility:


Drinking Water


EPA 200.8: Sb,As,Ba,Be,Cd,Cr,Cu,Pb,Ni,Se,Tl; **EPA 200.7:** Ba,Be,Ca,Cd,Cr,Cu,Na; **EPA 245.1:** Mercury;
EPA 300.0: Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500CI-D, SM2320B, SM2540C, SM4500H-B**
EPA 332: Perchlorate.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, Enterolert-QT.**


Non-Potable Water


EPA 200.8: Al,Sb,As,Be,Cd,Cr,Cu,Pb,Mn,Ni,Se,Ag,Tl,Zn;
EPA 200.7: Al,Sb,As,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Mo,Ni,K,Se,Ag,Na,Sr,Ti,Tl,V,Zn;
EPA 245.1, SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2340B, SM2320B, SM4500CL-E, SM4500F-BC, SM426C, SM4500NH3-BH, EPA 350.1: Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **SM4500NO3-F,**
EPA 353.2: Nitrate-N, **SM4500NH3-BC-NES, EPA 351.1, SM4500P-E, SM4500P-B, E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, SM14 510AC, EPA 420.1, SM4500-CN-CE, SM2540D.**
EPA 624: Volatile Halocarbons & Aromatics,
EPA 608: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045:** PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9222D-MF.**

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

	NEW JERSEY CHAIN OF CUSTODY	Service Centers Mahwah, NJ 07430: 35 Whitney Rd, Suite 5 Albany, NY 12205: 14 Walker Way Tonawanda, NY 14150: 275 Cooper Ave, Suite 105	Page <u>1</u> 1 of 4	Date Rec'd in Lab 7/22/16	ALPHA Job # 4622741							
	Westborough, MA 01581 8 Walkup Dr. TEL: 508-898-9220 FAX: 508-898-9193	Mansfield, MA 02048 320 Forbes Blvd TEL: 508-822-9300 FAX: 508-822-3288										
Project Information		Project Name: <u>DC UNITED</u>		Deliverables								
Project Location: <u>WASHINGTON, D.C.</u>		Project # <u>40223-</u>		<input type="checkbox"/> NJ Full / Reduced <input type="checkbox"/> EQuIS (1 File) <input type="checkbox"/> EQuIS (4 File) <input type="checkbox"/> Other								
Client Information		Project Manager: <u>MATHEW RAITHEL</u>		Billing Information								
Client: <u>HALEY & ALDRICH</u>		ALPHAQuote #:		<input type="checkbox"/> Same as Client Info PO #								
Address: <u>7601 LEWINSVILLE RD, SUITE 101, McLEAN, VA 22102</u>		Turn-Around Time		Regulatory Requirement								
Phone: <u>619-285-7110</u>		Standard <input checked="" type="checkbox"/> Due Date:		<input type="checkbox"/> SRS Residential/Non Residential <input type="checkbox"/> SRS Impact to Groundwater <input type="checkbox"/> NJ Ground Water Quality Standards <input type="checkbox"/> NJ IGW SPLP Leachate Criteria <input type="checkbox"/> Other								
Fax:		Rush (only if pre approved) <input type="checkbox"/> # of Days:		Site Information								
Email: <u>MRAITHEL@HALEYALDRICH.COM</u>				Is this site impacted by Petroleum? Yes <input type="checkbox"/> Petroleum Product:								
These samples have been previously analyzed by Alpha <input type="checkbox"/>			ANALYSIS									
For EPH, selection is REQUIRED: <input type="checkbox"/> Category 1 <input type="checkbox"/> Category 2	For VOC, selection is REQUIRED: <input type="checkbox"/> 1,4-Dioxane <input type="checkbox"/> 8011	Other project specific requirements/comments: Please specify Metals or TAL.		Sample Filtration <input type="checkbox"/> Done <input type="checkbox"/> Lab to do Preservation <input type="checkbox"/> Lab to do (Please Specify below)								
ALPHA Lab ID (Lab Use Only)		Sample ID	Collection	Sample Matrix	Sampler's Initials	VOC's by 8260	METALS by 6010/471	PAH's by 8270	TPH by 8015	PEB's by 8082	Sample Specific Comments	Total Bottles
			Date Time									
<u>22741-</u>	<u>01</u>	<u>DP-162-50-010-01</u>	<u>07/21/16</u> <u>8:25</u>	<u>SO</u>	<u>CT</u>	X	X	X	X	X		4
	<u>02</u>	<u>DP-162-50-050-01</u>				X	X	X	X	X		4
	<u>03</u>	<u>DP-162-50-100-01</u>				X	X	X	X	X		4
	<u>04</u>	<u>DP-161-50-010-01</u>				X	X	X	X	X		4
	<u>05</u>	<u>DP-161-50-050-01</u>				X	X	X	X	X		4
	<u>06</u>	<u>DP-161-50-100-01</u>				X	X	X	X	X		4
	<u>07</u>	<u>DP-160-50-010-01</u>				X	X	X	X	X		4
	<u>08</u>	<u>DP-160-50-050-01</u>				X	X	X	X	X		4
	<u>09</u>	<u>DP-160-50-100-01</u>				X	X	X	X	X		4
	<u>10</u>	<u>DP-155-50-010-01</u>				X	X	X	X	X		4
Preservative Code: A = None B = HCl C = HNO ₃ D = H ₂ SO ₄ E = NaOH F = MeOH G = NaHSO ₄ H = Na ₂ S ₂ O ₃ K/E = Zn Ac/NaOH O = Other		Container Code P = Plastic A = Amber Glass V = Vial G = Glass B = Bacteria Cup C = Cube O = Other E = Encore D = BOD Bottle		Westboro: Certification No: MA935 Mansfield: Certification No: MA015		Container Type		Preservative		Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)		
		Relinquished By:		Date/Time		Received By:		Date/Time				
		<u>Christon T Schubert</u>		<u>07/21/16 1403</u>		<u>Pete Wagner AAL</u>		<u>7/21/16 1403</u>				
		<u>Pete Wagner AAL</u>		<u>7/21/16 18:30</u>		<u>Bob Bledsoe AAL</u>		<u>7/21/16 18:31</u>				
		<u>BDD Bledsoe</u>		<u>7/21/16 20:20</u>		<u>Tammy Tolson</u>		<u>7/21/16 20:20</u>				
		<u>Tammy Tolson</u>		<u>7/22/16 0855</u>		<u>Wagner AAL</u>		<u>7/22/16 0855</u>				

 NEW JERSEY CHAIN OF CUSTODY	Service Centers Mahwah, NJ 07430: 35 Whitney Rd, Suite 5 Albany, NY 12205: 14 Walker Way Tonawanda, NY 14150: 275 Cooper Ave, Suite 105	Page 2 2 of 4	Date Rec'd in Lab 7/22/16	ALPHA Job # C1622741								
	Westborough, MA 01581 8 Walkup Dr. TEL: 508-898-9220 FAX: 508-898-9193	Mansfield, MA 02048 320 Forbes Blvd TEL: 508-822-9300 FAX: 508-822-3288										
Project Information Project Name: DC UNITED Project Location: WASHINGTON, D.C. Project # 40223		Deliverables <input type="checkbox"/> NJ Full / Reduced <input type="checkbox"/> EQUIS (1 File) <input type="checkbox"/> EQUIS (4 File) <input type="checkbox"/> Other		Billing Information <input type="checkbox"/> Same as Client Info PO #								
Client Information Client: HALEY & ALDRICH Address: 7601 LEWINSVILLE RD. SUITE 101, McLEAN, VA 22102 Phone: 619-285-7110 Fax: Email: M.RAITHEL@HALEYALDRICH.COM		Regulatory Requirement <input type="checkbox"/> SRS Residential/Non Residential <input type="checkbox"/> SRS Impact to Groundwater <input type="checkbox"/> NJ Ground Water Quality Standards <input type="checkbox"/> NJ IGW SPLP Leachate Criteria <input type="checkbox"/> Other		Site Information Is this site impacted by Petroleum? Yes <input type="checkbox"/> Petroleum Product:								
(Use Project name as Project #) <input type="checkbox"/> Project Manager: MATHEW RAITHEL ALPHAQuote #: Turn-Around Time Standard <input checked="" type="checkbox"/> Due Date: Rush (only if pre approved) <input type="checkbox"/> # of Days:												
These samples have been previously analyzed by Alpha <input type="checkbox"/> For EPH, selection is REQUIRED: <input type="checkbox"/> Category 1 <input type="checkbox"/> Category 2		For VOC, selection is REQUIRED: <input type="checkbox"/> 1,4-Dioxane <input type="checkbox"/> 8011		ANALYSIS Other project specific requirements/comments: Please specify Metals or TAL.								
		VOC's by 8/60 METALS by 6/10/14H PAH's by 8/270 TPH by 8/15 PCB's by 8/82		Sample Filtration <input type="checkbox"/> Done <input type="checkbox"/> Lab to do Preservation <input type="checkbox"/> Lab to do (Please Specify below)								
ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	VOC's by 8/60	METALS by 6/10/14H	PAH's by 8/270	TPH by 8/15	PCB's by 8/82	Sample Specific Comments	Total Bottles
22741-11	DP-155-50-050-01	07/21/16	07:30	SO	CT	X	X	X	X	X		4
12	DP-155-50-100-02		07:35			X	X	X	X	X		4
13	DP-154-50-070-01		10:40			X	X	X	X	X		4
14	DP-154-50-050-01		10:45			X	X	X	X	X		4
15	DP-154-50-100-07		10:50			X	X	X	X	X		4
16	DP-156-50-010-01		10:25			X	X	X	X	X		4
17	DP-156-50-050-07		10:30			X	X	X	X	X		4
18	DP-156-50-050-07		10:35			X	X	X	X	X		4
19	DP-157-50-010-01		10:05			X	X	X	X	X		4
20	DP-157-50-050-01		10:10			X	X	X	X	X		4
Preservative Code: A = None B = HCl C = HNO ₃ D = H ₂ SO ₄ E = NaOH F = MeOH G = NaHSO ₄ H = Na ₂ S ₂ O ₃ K/E = Zn Ac/NaOH O = Other		Container Code: P = Plastic A = Amber Glass V = Vial G = Glass B = Bacteria Cup C = Cube O = Other E = Encore D = BOD Bottle		Westboro: Certification No: MA935 Mansfield: Certification No: MA015		Container Type		Preservative		Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)		
Relinquished By:		Date/Time		Received By:		Date/Time						
Christian Tschubek		07/21/16/1403		[Signature]		7/21/16 1403						
[Signature]		7/21/16-18:31		[Signature]		7/21/16-18:31						
[Signature]		7/21/16 2020		[Signature]		7/21/16 2020						
[Signature]		7/21/16 0755		[Signature]		7/21/16 0755						

	NEW JERSEY CHAIN OF CUSTODY	Service Centers Mahwah, NJ 07430: 35 Whitney Rd, Suite 5 Albany, NY 12205: 14 Walker Way Tonawanda, NY 14150: 275 Cooper Ave, Suite 105	Page <u>3</u> 3 of 4	Date Rec'd in Lab <u>7/22/16</u>	ALPHA Job # <u>C1622741</u>				
	Westborough, MA 01581 8 Walkup Dr. TEL: 508-898-9220 FAX: 508-898-9193	Mansfield, MA 02048 320 Forbes Blvd TEL: 508-822-9300 FAX: 508-822-3288							
Project Information		Project Name: <u>DC UNITED</u>		Deliverables					
Project Location: <u>WASHINGTON, D.C.</u>		Project # <u>40223-004</u>		<input type="checkbox"/> NJ Full / Reduced <input type="checkbox"/> EQUIS (1 File) <input type="checkbox"/> EQUIS (4 File) <input type="checkbox"/> Other					
Client Information		Project Manager: <u>MATTHEW RAITHEL</u>		Billing Information					
Client: <u>HALEY & ALDRICH</u>		ALPHAQuote #:		<input checked="" type="checkbox"/> Same as Client Info PD#					
Address: <u>7601 LEWINSVILLE RD. SUITE 101, McLEAN VA 22102</u>		(Use Project name as Project #) <input type="checkbox"/>		Regulatory Requirement					
Phone: <u>619-285-7110</u>		Project Manager: <u>MATTHEW RAITHEL</u>		<input type="checkbox"/> SRS Residential/Non Residential <input type="checkbox"/> SRS Impact to Groundwater <input type="checkbox"/> NJ Ground Water Quality Standards <input type="checkbox"/> NJ IGW SPLP Leachate Criteria <input type="checkbox"/> Other					
Fax:		Turn-Around Time		Site Information					
Email: <u>MRAITHEL@HALEYALDRICH.COM</u>		Standard <input checked="" type="checkbox"/> Due Date: Rush (only if pre approved) <input type="checkbox"/> # of Days:		Is this site impacted by Petroleum? Yes <input type="checkbox"/> Petroleum Product:					
These samples have been previously analyzed by Alpha <input type="checkbox"/>				ANALYSIS					
For EPH, selection is REQUIRED:	For VOC, selection is REQUIRED:	Other project specific requirements/comments:							
<input type="checkbox"/> Category 1 <input type="checkbox"/> Category 2	<input type="checkbox"/> 1,4-Dioxane <input type="checkbox"/> 8011	Please specify Metals or TAL.		VOC's by 8260 METALS by 6010/7471 PAH's by 8270 TPH by 8015 PCB's by 8082					
ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	Sample Filtration	Total Bottle Sample Specific Comments		
<u>22741-21</u>	<u>DP-159-50-100-01</u>	<u>07/21/16</u>	<u>10:15</u>	<u>SO</u>	<u>CT</u>	<input type="checkbox"/> Done <input type="checkbox"/> Lab to do <input type="checkbox"/> Lab to do (Please Specify below)			
<u>22</u>	<u>DP-163-80-010-01</u>		<u>09:20</u>						
<u>23</u>	<u>DP-163-80-050-01</u>		<u>09:25</u>						
<u>24</u>	<u>DP-163-80-100-01</u>		<u>09:30</u>						
<u>25</u>	<u>DP-159-50-010-02</u>		<u>11:45</u>						
<u>26</u>	<u>DP-159-50-050-02</u>		<u>11:50</u>						
<u>27</u>	<u>DP-159-50-100-02</u>		<u>11:55</u>			HOLD			
<u>28</u>	<u>DP-164-50-010-02</u>		<u>14:00</u>			NO SAMPLES			
<u>29</u>	<u>DP-164-50-050-02</u>		<u>14:05</u>						
<u>29</u>	<u>DP-164-50-100-02</u>		<u>14:10</u>						
Preservative Code:		Container Code		Westboro: Certification No: MA935		Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)			
A = None B = HCl C = HNO ₃ D = H ₂ SO ₄ E = NaOH F = MeOH G = NaHSO ₄ H = Na ₂ S ₂ O ₃ K/E = Zn Ac/NaOH O = Other		P = Plastic A = Amber Glass V = Vial G = Glass B = Bacteria Cup C = Cube O = Other E = Encore D = BOD Bottle		Mansfield: Certification No: MA015					
		Relinquished By:		Date/Time		Received By:		Date/Time	
		<u>Christian Tschubert</u>		<u>07/21/16 14:03</u>		<u>Christy Magnan</u>		<u>7/21/16 14:03</u>	
		<u>Christy Magnan</u>		<u>7/21/16 18:31</u>		<u>B. B. B.</u>		<u>7-21-16-18:31</u>	
		<u>B. B. B.</u>		<u>7-21-16-2</u>		<u>Tom B...</u>		<u>7-21-16-2020</u>	

	NEW JERSEY CHAIN OF CUSTODY	Service Centers Mahwah, NJ 07430: 35 Whitney Rd, Suite 5 Albany, NY 12205: 14 Walker Way Tonawanda, NY 14150: 275 Cooper Ave, Suite 105	Page 3 3 of 4	Date Rec'd in Lab 7/22/16	ALPHA Job # L2622741
	Westborough, MA 01581 8 Walkup Dr. TEL: 508-898-9220 FAX: 508-898-9193	Mansfield, MA 02048 320 Forbes Blvd TEL: 508-822-9300 FAX: 508-822-3288			

Project Information	Project Name: DC UNITED Project Location: WASHINGTON, D.C. Project # 40223-004	Deliverables	Billing Information
Client Information	Client: HALEY & ALDRICH Address: 7601 LEWINSVILLE RD, SUITE 101, McLEAN VA 22102 Phone: 619-285-7110 Fax: MRATHTEL@HALEYALDRICH.COM	<input type="checkbox"/> NJ Full / Reduced <input type="checkbox"/> EQUIS (1 File) <input type="checkbox"/> EQUIS (4 File) <input type="checkbox"/> Other	<input checked="" type="checkbox"/> Same as Client Info PO #


Regulatory Requirement	Site Information
<input type="checkbox"/> SRS Residential/Non Residential <input type="checkbox"/> SRS Impact to Groundwater <input type="checkbox"/> NJ Ground Water Quality Standards <input type="checkbox"/> NJ IGW SPLP Leachate Criteria <input type="checkbox"/> Other	Is this site impacted by Petroleum? Yes <input type="checkbox"/> Petroleum Product:
Turn-Around Time	
Standard <input checked="" type="checkbox"/> Due Date: Rush (only if pre approved) <input type="checkbox"/> # of Days:	

These samples have been previously analyzed by Alpha <input type="checkbox"/>	ANALYSIS	Sample Filtration
For EPH, selection is REQUIRED: <input type="checkbox"/> Category 1 <input type="checkbox"/> Category 2	For VOC, selection is REQUIRED: <input type="checkbox"/> 1,4-Dioxane <input type="checkbox"/> 8011	<input type="checkbox"/> Done <input type="checkbox"/> Lab to do Preservation <input type="checkbox"/> Lab to do (Please Specify below)
Other project specific requirements/comments: Please specify Metals or TAL.		Total Bottles

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials	VOC's by 8260	METALS by 6010/7474	PAH's by 8270	TPH by 8015	PCB's by 8082	Sample Specific Comments	
		Date	Time									
22741-21	DP-159-50-100-01	07/21/16	10:15	SO	CT	X	X	X	X	X		4
22	DP-163-50-010-01		09:20			X	X	X	X	X		4
23	DP-163-50-050-01		09:25			X	X	X	X	X		4
24	DP-163-50-100-01		09:30			X	X	X	X	X		4
25	DP-159-50-010-02		11:45			X	X	X	X	X		4
26	DP-159-50-050-02		11:50			X	X	X	X	X		4
27	DP-159-50-100-02		11:55			X	X	X	X	X		4
	DP-164-50-010-02		14:00			X	X	X	X	X	NO SAMPLES	4
28	DP-164-50-050-02		14:05			X	X	X	X	X		4
29	DP-164-50-100-02		14:10			X	X	X	X	X		4

Preservative Code: A = None B = HCl C = HNO ₃ D = H ₂ SO ₄ E = NaOH F = MeOH G = NaHSO ₄ H = Na ₂ S ₂ O ₃ K/E = Zn Ac/NaOH O = Other	Container Code P = Plastic A = Amber Glass V = Vial G = Glass B = Bacteria Cup C = Cube O = Other E = Encore D = BOD Bottle	Westboro: Certification No: MA935 Mansfield: Certification No: MA015	Container Type Preservative
---	--	---	--------------------------------

Relinquished By: Christina Tschubak Christina Magnagna Bob Solo Tom Owen Tom Owen	Date/Time 07/21/16 1403 7/21/16 1823 7-21-16 2020 7/21/16 2020	Received By: Christina Magnagna Bob Solo Tom Owen Tom Owen	Date/Time 7/21/16 1403 7-21-16-1823 7-21-16-2020 7/21/16 2020
--	--	--	---

 NEW JERSEY CHAIN OF CUSTODY Westborough, MA 01581 8 Walkup Dr. TEL: 508-898-9220 FAX: 508-898-9193	NEW JERSEY CHAIN OF CUSTODY Mansfield, MA 02048 320 Forbes Blvd TEL: 508-822-9300 FAX: 508-822-3288	Service Centers Mahwah, NJ 07430: 35 Whitney Rd, Suite 5 Albany, NY 12205: 14 Walker Way Tonawanda, NY 14150: 275 Cooper Ave, Suite 105	Page 4 4 of 4	Date Rec'd in Lab 7/22/16	ALPHA Job # C1622741				
		Project Information Project Name: DC UNITED Project Location: WASHINGTON, D.C. Project # 40223-004 (Use Project name as Project #) <input type="checkbox"/>		Deliverables <input type="checkbox"/> NJ Full / Reduced <input type="checkbox"/> EQUIS (1 File) <input type="checkbox"/> EQUIS (4 File) <input type="checkbox"/> Other		Billing Information <input checked="" type="checkbox"/> Same as Client Info PO #			
Client Information Client: HALEY & ALDRICH Address: 7601 LEWINSVILLE RD SUITE 101, MCDEN, VA 22102 Phone: 619-285-7110 Fax: Email: M.RAITHEL @ HALEYALDRICH.COM		Project Manager: MATTHEW RAITHEL ALPHAQuote #: Turn-Around Time Standard <input checked="" type="checkbox"/> Due Date: Rush (only if pre approved) <input type="checkbox"/> # of Days:		Regulatory Requirement <input type="checkbox"/> SRS Residential/Non Residential <input type="checkbox"/> SRS Impact to Groundwater <input type="checkbox"/> NJ Ground Water Quality Standards <input type="checkbox"/> NJ IGW SPLP Leachate Criteria <input type="checkbox"/> Other		Site Information Is this site impacted by Petroleum? Yes <input type="checkbox"/> Petroleum Product:			
These samples have been previously analyzed by Alpha <input type="checkbox"/>		ANALYSIS		Sample Filtration <input type="checkbox"/> Done <input type="checkbox"/> Lab to do Preservation <input type="checkbox"/> Lab to do (Please Specify below)					
For EPH, selection is REQUIRED: <input type="checkbox"/> Category 1 <input type="checkbox"/> Category 2	For VOC, selection is REQUIRED: <input type="checkbox"/> 1,4-Dioxane <input type="checkbox"/> 8011	Other project specific requirements/comments: Please specify Metals or TAL.		Total Bottles					
ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date Time	Sample Matrix	Sampler's Initials	ANALYSIS Voc's by 8260 Metals by 6010/447 PAH's by 8270 TPH by 8015 PCB's by 8082 MTR	Sample Specific Comments			
22741 - 30	EB-072116	07/21/16 14:20	W	GT	X X X X X				
31	TRIP BLANK	↓ 14:30	W	GT	X MTR	FIELD BLANK VOAs			
Preservative Code: A = None B = HCl C = HNO ₃ D = H ₂ SO ₄ E = NaOH F = MeOH G = NaHSO ₄ H = Na ₂ S ₂ O ₃ K/E = Zn Ac/NaOH O = Other		Container Code: P = Plastic A = Amber Glass V = Vial G = Glass B = Bacteria Cup C = Cube O = Other E = Encore D = BOD Bottle		Westboro: Certification No: MA935 Mansfield: Certification No: MA015		Container Type Preservative			
Form No: 01-14 HC (rev. 30-Sept-2013)		Relinquished By:		Date/Time		Received By:		Date/Time	
		Christian Tschubert		07/21/16/14:03		Peter Magro ADL		7/21/16 14:03	
		Peter Magro ADL		7/21/16-18:32		[Signature]		7/21/16-18:32	
		[Signature]		7/21/16 20:20		Tom Tschubert		7/21/16 20:20	
		Tom Tschubert		7/22/16		[Signature]		7/22/16	

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)



**NEW JERSEY
CHAIN OF
CUSTODY**

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page **4**
4 of 4

Date Rec'd
in Lab **7/22/16**

ALPHA Job #
C16227411

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Project Information

Project Name: **DC UNITED**
Project Location: **WASHINGTON, D.C.**
Project # **40223-004**

Deliverables

NJ Full / Reduced
 EQulS (1 File) EQulS (4 File)
 Other

Billing Information

Same as Client Info
PO #

Regulatory Requirement

SRS Residential/Non Residential
 SRS Impact to Groundwater
 NJ Ground Water Quality Standards
 NJ IGW SPLP Leachate Criteria
 Other

Site Information

Is this site impacted by Petroleum? Yes
Petroleum Product:

Turn-Around Time

Standard Due Date:
Rush (only if pre approved) # of Days:

Client Information

Client: **HALEY & ALDRICH**
Address: **7601 LEWINSVILLE RD
SUITE 101, MCDON, VA 22102**
Phone: **619-285-7110**
Fax:
Email: **MRAITHEL@HALEYALDRICH.COM**

These samples have been previously analyzed by Alpha

For EPH, selection is REQUIRED:
 Category 1
 Category 2

For VOC, selection is REQUIRED:
 1,4-Dioxane
 8011

Other project specific requirements/comments:
Please specify Metals or TAL.

ANALYSIS

Voc's by 8260
Metals by 60144
PAH's by 8270
TPH by 8015
Pe.B's by 8082

Sample Filtration

Done
 Lab to do Preservation
 Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials	Voc's by 8260	Metals by 60144	PAH's by 8270	TPH by 8015	Pe.B's by 8082	Sample Specific Comments	Total Bottle
		Date	Time									
22741 - 30	EB-072116	07/21/16	14:20	W	GT							7
31	TRIP BLANK	↓	14:30	W	GT						FIELD BLANK VOA'S	4

Preservative Code:
A = None
B = HCl
C = HNO3
D = H2SO4
E = NaOH
F = MeOH
G = NaHSO4
H = Na2S2O3
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type
Preservative

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Relinquished By:	Date/Time	Received By:	Date/Time
Christian Tschelch	07/21/16/14:03	Caitie McGuire AAL	7/21/16 14:03
Caitie McGuire AAL	7/21/16-15:30	B. Baker	7/21/16-18:32
B. Baker	7-21-16 2020	Tom Torin	7-21-16 2020
Tom Torin		Nickie...	7/22/16 08:35

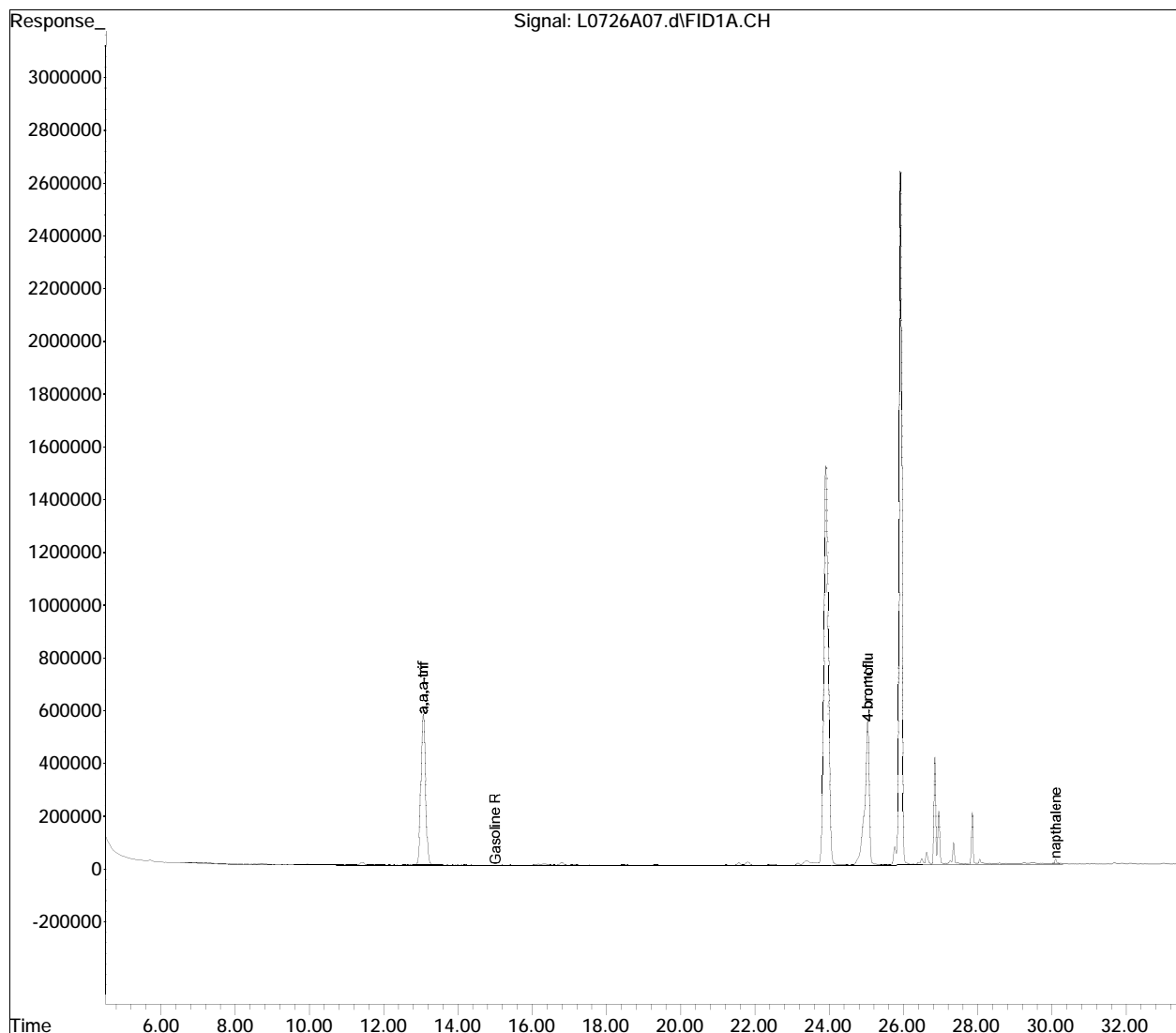
Quantitation Report (QT Reviewed)

Data Path : I:\LVPH\160726Stphgro\
Data File : L0726A07.d
Signal(s) : FID1A.CH
Acq On : 26 Jul 2016 3:03 pm
Operator : LVPH:JM
Sample : 11622741-01,41,15,15,.1
Misc : WG917392,ICAL9591
ALS Vial : 7 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Jul 26 15:40:37 2016
Quant Method : I:\LVPH\160726Stphgro\tphgro.m
Quant Title : TPH_GRO
QLast Update : Mon May 26 10:26:02 2014
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal Phase :
Signal Info :

Sub List : Default - All compounds listed





ANALYTICAL REPORT

Lab Number:	L1622460
Client:	Haley & Aldrich, Inc. 5333 Mission Center Rd San Diego, CA 92108
ATTN:	Matthew Raithel
Phone:	(619) 285-7110
Project Name:	DC UNITED
Project Number:	40223
Report Date:	07/28/16

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Certifications & Approvals: NY (11627), CT (PH-0141), NH (2206), NJ NELAP (MA015), RI (LAO00299), ME (MA00030), PA (68-02089), VA (460194), LA NELAP (03090), FL (E87814), TX (T104704419), WA (C954), USFWS (Permit #LE2069641), USDA (Permit #P330-11-00109), US Army Corps of Engineers.

320 Forbes Boulevard, Mansfield, MA 02048-1806
508-822-9300 (Fax) 508-822-3288 800-624-9220 - www.alphalab.com



Project Name: DC UNITED
Project Number: 40223

Lab Number: L1622460
Report Date: 07/28/16

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1622460-01	SG-06	SOIL_VAPOR	WASHINGTON, D.C.	07/20/16 11:01	07/20/16
L1622460-02	SG-07	SOIL_VAPOR	WASHINGTON, D.C.	07/20/16 11:05	07/20/16
L1622460-03	SG-18	SOIL_VAPOR	WASHINGTON, D.C.	07/20/16 11:20	07/20/16
L1622460-04	SG-17	SOIL_VAPOR	WASHINGTON, D.C.	07/20/16 11:22	07/20/16
L1622460-05	SG-08	SOIL_VAPOR	WASHINGTON, D.C.	07/20/16 11:31	07/20/16
L1622460-06	SG-09	SOIL_VAPOR	WASHINGTON, D.C.	07/20/16 11:32	07/20/16
L1622460-07	SG-10	SOIL_VAPOR	WASHINGTON, D.C.	07/20/16 11:42	07/20/16
L1622460-08	SG-01	SOIL_VAPOR	WASHINGTON, D.C.	07/20/16 11:44	07/20/16
L1622460-09	SG-02	SOIL_VAPOR	WASHINGTON, D.C.	07/20/16 11:54	07/20/16
L1622460-10	SG-12	SOIL_VAPOR	WASHINGTON, D.C.	07/20/16 12:04	07/20/16
L1622460-11	SG-16	SOIL_VAPOR	WASHINGTON, D.C.	07/19/16 16:46	07/20/16
L1622460-12	SG-14	SOIL_VAPOR	WASHINGTON, D.C.	07/19/16 15:11	07/20/16
L1622460-13	SG-15	SOIL_VAPOR	WASHINGTON, D.C.	07/19/16 15:12	07/20/16
L1622460-14	SG-13	SOIL_VAPOR	WASHINGTON, D.C.	07/19/16 15:24	07/20/16
L1622460-15	SG-11	SOIL_VAPOR	WASHINGTON, D.C.	07/19/16 16:01	07/20/16
L1622460-16	SG-11-DUP	SOIL_VAPOR	WASHINGTON, D.C.	07/19/16 16:02	07/20/16
L1622460-17	SG-04	SOIL_VAPOR	WASHINGTON, D.C.	07/19/16 16:17	07/20/16
L1622460-18	SG-05	SOIL_VAPOR	WASHINGTON, D.C.	07/19/16 16:46	07/20/16
L1622460-19	SG-12-DUP	SOIL_VAPOR	WASHINGTON, D.C.	07/20/16 12:04	07/20/16
L1622460-20	UNUSED CANISTER 825	SOIL_VAPOR	WASHINGTON, D.C.		07/20/16

Project Name: DC UNITED**Lab Number:** L1622460**Project Number:** 40223**Report Date:** 07/28/16

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

HOLD POLICY

For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Client Service Representative and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Client Services at 800-624-9220 with any questions.

Project Name: DC UNITED
Project Number: 40223

Lab Number: L1622460
Report Date: 07/28/16

Case Narrative (continued)

Volatile Organics in Air

Canisters were released from the laboratory on July 19, 2016. The canister certification results are provided as an addendum.

Sample L1622460-01, -04, -08, -15, -16 results for Acetone should be considered estimated due to co-elution with a non-target peak.

Sample L1622460-01 and -03 through -19: Prior to sample analysis, the canisters were pressurized with UHP Nitrogen due to canister size. The pressurization resulted in a dilution of the samples. The reporting limits have been elevated accordingly.

Sample L1622460-05, -06, -09, -10, -12, -14, -16, and -19: The samples have elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the samples.

Sample L1622460-05, -06, -09, -10, -12, -14, -16 and -19: The samples have elevated detection limits due to the dilution required by the elevated concentrations of target compounds for the full scan analysis of these samples.

Sample L1622460-13 The presence of Acetone could not be determined in this sample due to a non-target compound interfering with the identification and quantification of this compound.

The WG917550-3 LCS recoveries for Benzyl Chloride (132%) and 1,2,4-Trichlorobenzene (135%) are above the upper 130% acceptance limit. The response for these compounds was elevated however they were not detected in any of the associated samples therefore no further action was required.

Due to a QC outage for Dichlorodifluoromethane in the TO-15 full scan analysis this compound has been reported by TO15 SIM.

Project Name: DC UNITED
Project Number: 40223

Lab Number: L1622460
Report Date: 07/28/16

Case Narrative (continued)

Sample Receipt

The canister and flow controller for the sample designated SG-07 (L1622460-02) was received with water in them. The sample could not be analyzed.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:  Christopher J. Anderson

Title: Technical Director/Representative

Date: 07/28/16

AIR

Project Name: DC UNITED
Project Number: 40223

Lab Number: L1622460
Report Date: 07/28/16

SAMPLE RESULTS

Lab ID: L1622460-01 D
 Client ID: SG-06
 Sample Location: WASHINGTON, D.C.
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15
 Analytical Date: 07/27/16 17:44
 Analyst: RY

Date Collected: 07/20/16 11:01
 Date Received: 07/20/16
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Propylene	38.8	1.03	--	66.8	1.77	--		2.057
Chloromethane	ND	0.411	--	ND	0.849	--		2.057
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.411	--	ND	2.87	--		2.057
Vinyl chloride	ND	0.411	--	ND	1.05	--		2.057
1,3-Butadiene	0.753	0.411	--	1.67	0.909	--		2.057
Bromomethane	ND	0.411	--	ND	1.60	--		2.057
Chloroethane	ND	0.411	--	ND	1.08	--		2.057
Ethyl Alcohol	ND	10.3	--	ND	19.4	--		2.057
Vinyl bromide	ND	0.411	--	ND	1.80	--		2.057
Acetone	9.55	2.06	--	22.7	4.89	--		2.057
Trichlorofluoromethane	24.3	0.411	--	137	2.31	--		2.057
iso-Propyl Alcohol	ND	1.03	--	ND	2.53	--		2.057
1,1-Dichloroethene	ND	0.411	--	ND	1.63	--		2.057
Methylene chloride	ND	1.03	--	ND	3.58	--		2.057
3-Chloropropene	ND	0.411	--	ND	1.29	--		2.057
Carbon disulfide	ND	0.411	--	ND	1.28	--		2.057
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.411	--	ND	3.15	--		2.057
trans-1,2-Dichloroethene	ND	0.411	--	ND	1.63	--		2.057
1,1-Dichloroethane	ND	0.411	--	ND	1.66	--		2.057
Methyl tert butyl ether	ND	0.411	--	ND	1.48	--		2.057
Vinyl acetate	ND	2.06	--	ND	7.25	--		2.057
2-Butanone	5.76	1.03	--	17.0	3.04	--		2.057
cis-1,2-Dichloroethene	ND	0.411	--	ND	1.63	--		2.057
Ethyl Acetate	ND	1.03	--	ND	3.71	--		2.057



Project Name: DC UNITED**Lab Number:** L1622460**Project Number:** 40223**Report Date:** 07/28/16**SAMPLE RESULTS**

Lab ID: L1622460-01 D
 Client ID: SG-06
 Sample Location: WASHINGTON, D.C.

Date Collected: 07/20/16 11:01
 Date Received: 07/20/16
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Chloroform	ND	0.411	--	ND	2.01	--		2.057
Tetrahydrofuran	ND	1.03	--	ND	3.04	--		2.057
1,2-Dichloroethane	ND	0.411	--	ND	1.66	--		2.057
n-Hexane	1.52	0.411	--	5.36	1.45	--		2.057
1,1,1-Trichloroethane	ND	0.411	--	ND	2.24	--		2.057
Benzene	1.10	0.411	--	3.51	1.31	--		2.057
Carbon tetrachloride	ND	0.411	--	ND	2.59	--		2.057
Cyclohexane	1.82	0.411	--	6.26	1.41	--		2.057
1,2-Dichloropropane	ND	0.411	--	ND	1.90	--		2.057
Bromodichloromethane	ND	0.411	--	ND	2.75	--		2.057
1,4-Dioxane	ND	0.411	--	ND	1.48	--		2.057
Trichloroethene	1.38	0.411	--	7.42	2.21	--		2.057
2,2,4-Trimethylpentane	ND	0.411	--	ND	1.92	--		2.057
Heptane	1.43	0.411	--	5.86	1.68	--		2.057
cis-1,3-Dichloropropene	ND	0.411	--	ND	1.87	--		2.057
4-Methyl-2-pentanone	ND	1.03	--	ND	4.22	--		2.057
trans-1,3-Dichloropropene	ND	0.411	--	ND	1.87	--		2.057
1,1,2-Trichloroethane	ND	0.411	--	ND	2.24	--		2.057
Toluene	1.54	0.411	--	5.80	1.55	--		2.057
2-Hexanone	ND	0.411	--	ND	1.68	--		2.057
Dibromochloromethane	ND	0.411	--	ND	3.50	--		2.057
1,2-Dibromoethane	ND	0.411	--	ND	3.16	--		2.057
Tetrachloroethene	17.7	0.411	--	120	2.79	--		2.057
Chlorobenzene	ND	0.411	--	ND	1.89	--		2.057
Ethylbenzene	0.673	0.411	--	2.92	1.79	--		2.057
p/m-Xylene	2.58	0.823	--	11.2	3.57	--		2.057
Bromoform	ND	0.411	--	ND	4.25	--		2.057
Styrene	ND	0.411	--	ND	1.75	--		2.057



Project Name: DC UNITED**Lab Number:** L1622460**Project Number:** 40223**Report Date:** 07/28/16**SAMPLE RESULTS**

Lab ID: L1622460-01 D
 Client ID: SG-06
 Sample Location: WASHINGTON, D.C.

Date Collected: 07/20/16 11:01
 Date Received: 07/20/16
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
1,1,2,2-Tetrachloroethane	ND	0.411	--	ND	2.82	--		2.057
o-Xylene	0.963	0.411	--	4.18	1.79	--		2.057
4-Ethyltoluene	ND	0.411	--	ND	2.02	--		2.057
1,3,5-Trimethylbenzene	0.539	0.411	--	2.65	2.02	--		2.057
1,2,4-Trimethylbenzene	1.83	0.411	--	9.00	2.02	--		2.057
Benzyl chloride	ND	0.411	--	ND	2.13	--		2.057
1,3-Dichlorobenzene	ND	0.411	--	ND	2.47	--		2.057
1,4-Dichlorobenzene	ND	0.411	--	ND	2.47	--		2.057
1,2-Dichlorobenzene	ND	0.411	--	ND	2.47	--		2.057
1,2,4-Trichlorobenzene	ND	0.411	--	ND	3.05	--		2.057
Naphthalene	0.634	0.411	--	3.32	2.16	--		2.057
Hexachlorobutadiene	ND	0.411	--	ND	4.38	--		2.057

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	107		60-140
Bromochloromethane	105		60-140
chlorobenzene-d5	108		60-140



Project Name: DC UNITED**Lab Number:** L1622460**Project Number:** 40223**Report Date:** 07/28/16**SAMPLE RESULTS**

Lab ID: L1622460-01 D
Client ID: SG-06
Sample Location: WASHINGTON, D.C.
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15-SIM
Analytical Date: 07/27/16 17:44
Analyst: RY

Date Collected: 07/20/16 11:01
Date Received: 07/20/16
Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	0.483	0.411	--	2.39	2.03	--		2.057

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	108		60-140
bromochloromethane	109		60-140
chlorobenzene-d5	109		60-140



Project Name: DC UNITED
Project Number: 40223

Lab Number: L1622460
Report Date: 07/28/16

SAMPLE RESULTS

Lab ID: L1622460-03 D
 Client ID: SG-18
 Sample Location: WASHINGTON, D.C.
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15
 Analytical Date: 07/27/16 19:29
 Analyst: RY

Date Collected: 07/20/16 11:20
 Date Received: 07/20/16
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Propylene	14.0	1.04	--	24.1	1.79	--		2.085
Chloromethane	ND	0.417	--	ND	0.861	--		2.085
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.417	--	ND	2.91	--		2.085
Vinyl chloride	ND	0.417	--	ND	1.07	--		2.085
1,3-Butadiene	1.14	0.417	--	2.52	0.923	--		2.085
Bromomethane	ND	0.417	--	ND	1.62	--		2.085
Chloroethane	ND	0.417	--	ND	1.10	--		2.085
Ethyl Alcohol	ND	10.4	--	ND	19.6	--		2.085
Vinyl bromide	ND	0.417	--	ND	1.82	--		2.085
Acetone	38.3	2.08	--	91.0	4.94	--		2.085
Trichlorofluoromethane	0.727	0.417	--	4.09	2.34	--		2.085
iso-Propyl Alcohol	ND	1.04	--	ND	2.56	--		2.085
1,1-Dichloroethene	ND	0.417	--	ND	1.65	--		2.085
Methylene chloride	ND	1.04	--	ND	3.61	--		2.085
3-Chloropropene	ND	0.417	--	ND	1.31	--		2.085
Carbon disulfide	1.25	0.417	--	3.89	1.30	--		2.085
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.417	--	ND	3.20	--		2.085
trans-1,2-Dichloroethene	ND	0.417	--	ND	1.65	--		2.085
1,1-Dichloroethane	ND	0.417	--	ND	1.69	--		2.085
Methyl tert butyl ether	ND	0.417	--	ND	1.50	--		2.085
Vinyl acetate	ND	2.08	--	ND	7.32	--		2.085
2-Butanone	8.36	1.04	--	24.7	3.07	--		2.085
cis-1,2-Dichloroethene	ND	0.417	--	ND	1.65	--		2.085
Ethyl Acetate	ND	1.04	--	ND	3.75	--		2.085



Project Name: DC UNITED**Lab Number:** L1622460**Project Number:** 40223**Report Date:** 07/28/16**SAMPLE RESULTS**

Lab ID: L1622460-03 D
 Client ID: SG-18
 Sample Location: WASHINGTON, D.C.

Date Collected: 07/20/16 11:20
 Date Received: 07/20/16
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Chloroform	ND	0.417	--	ND	2.04	--		2.085
Tetrahydrofuran	ND	1.04	--	ND	3.07	--		2.085
1,2-Dichloroethane	ND	0.417	--	ND	1.69	--		2.085
n-Hexane	10.6	0.417	--	37.4	1.47	--		2.085
1,1,1-Trichloroethane	ND	0.417	--	ND	2.28	--		2.085
Benzene	3.50	0.417	--	11.2	1.33	--		2.085
Carbon tetrachloride	ND	0.417	--	ND	2.62	--		2.085
Cyclohexane	5.76	0.417	--	19.8	1.44	--		2.085
1,2-Dichloropropane	ND	0.417	--	ND	1.93	--		2.085
Bromodichloromethane	ND	0.417	--	ND	2.79	--		2.085
1,4-Dioxane	ND	0.417	--	ND	1.50	--		2.085
Trichloroethene	ND	0.417	--	ND	2.24	--		2.085
2,2,4-Trimethylpentane	ND	0.417	--	ND	1.95	--		2.085
Heptane	15.8	0.417	--	64.8	1.71	--		2.085
cis-1,3-Dichloropropene	ND	0.417	--	ND	1.89	--		2.085
4-Methyl-2-pentanone	ND	1.04	--	ND	4.26	--		2.085
trans-1,3-Dichloropropene	ND	0.417	--	ND	1.89	--		2.085
1,1,2-Trichloroethane	ND	0.417	--	ND	2.28	--		2.085
Toluene	6.13	0.417	--	23.1	1.57	--		2.085
2-Hexanone	ND	0.417	--	ND	1.71	--		2.085
Dibromochloromethane	ND	0.417	--	ND	3.55	--		2.085
1,2-Dibromoethane	ND	0.417	--	ND	3.20	--		2.085
Tetrachloroethene	3.81	0.417	--	25.8	2.83	--		2.085
Chlorobenzene	ND	0.417	--	ND	1.92	--		2.085
Ethylbenzene	1.43	0.417	--	6.21	1.81	--		2.085
p/m-Xylene	4.92	0.834	--	21.4	3.62	--		2.085
Bromoform	ND	0.417	--	ND	4.31	--		2.085
Styrene	ND	0.417	--	ND	1.78	--		2.085



Project Name: DC UNITED**Lab Number:** L1622460**Project Number:** 40223**Report Date:** 07/28/16**SAMPLE RESULTS**

Lab ID: L1622460-03 D
 Client ID: SG-18
 Sample Location: WASHINGTON, D.C.

Date Collected: 07/20/16 11:20
 Date Received: 07/20/16
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
1,1,2,2-Tetrachloroethane	ND	0.417	--	ND	2.86	--		2.085
o-Xylene	2.58	0.417	--	11.2	1.81	--		2.085
4-Ethyltoluene	0.736	0.417	--	3.62	2.05	--		2.085
1,3,5-Trimethylbenzene	1.06	0.417	--	5.21	2.05	--		2.085
1,2,4-Trimethylbenzene	2.77	0.417	--	13.6	2.05	--		2.085
Benzyl chloride	ND	0.417	--	ND	2.16	--		2.085
1,3-Dichlorobenzene	ND	0.417	--	ND	2.51	--		2.085
1,4-Dichlorobenzene	ND	0.417	--	ND	2.51	--		2.085
1,2-Dichlorobenzene	ND	0.417	--	ND	2.51	--		2.085
1,2,4-Trichlorobenzene	ND	0.417	--	ND	3.10	--		2.085
Naphthalene	1.27	0.417	--	6.66	2.19	--		2.085
Hexachlorobutadiene	ND	0.417	--	ND	4.45	--		2.085

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	103		60-140
Bromochloromethane	103		60-140
chlorobenzene-d5	113		60-140



Project Name: DC UNITED**Lab Number:** L1622460**Project Number:** 40223**Report Date:** 07/28/16**SAMPLE RESULTS**

Lab ID: L1622460-03 D
Client ID: SG-18
Sample Location: WASHINGTON, D.C.
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15-SIM
Analytical Date: 07/27/16 19:29
Analyst: RY

Date Collected: 07/20/16 11:20
Date Received: 07/20/16
Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	0.579	0.417	--	2.86	2.06	--		2.085

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	104		60-140
bromochloromethane	106		60-140
chlorobenzene-d5	113		60-140



Project Name: DC UNITED**Lab Number:** L1622460**Project Number:** 40223**Report Date:** 07/28/16**SAMPLE RESULTS**

Lab ID: L1622460-04 D
 Client ID: SG-17
 Sample Location: WASHINGTON, D.C.
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15
 Analytical Date: 07/27/16 20:03
 Analyst: RY

Date Collected: 07/20/16 11:22
 Date Received: 07/20/16
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Propylene	78.4	1.05	--	135	1.81	--		2.092
Chloromethane	ND	0.418	--	ND	0.863	--		2.092
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.418	--	ND	2.92	--		2.092
Vinyl chloride	ND	0.418	--	ND	1.07	--		2.092
1,3-Butadiene	4.54	0.418	--	10.0	0.925	--		2.092
Bromomethane	ND	0.418	--	ND	1.62	--		2.092
Chloroethane	ND	0.418	--	ND	1.10	--		2.092
Ethyl Alcohol	ND	10.5	--	ND	19.8	--		2.092
Vinyl bromide	ND	0.418	--	ND	1.83	--		2.092
Acetone	12.9	2.09	--	30.6	4.96	--		2.092
Trichlorofluoromethane	46.2	0.418	--	260	2.35	--		2.092
iso-Propyl Alcohol	1.14	1.05	--	2.80	2.58	--		2.092
1,1-Dichloroethene	ND	0.418	--	ND	1.66	--		2.092
Methylene chloride	1.14	1.05	--	3.96	3.65	--		2.092
3-Chloropropene	ND	0.418	--	ND	1.31	--		2.092
Carbon disulfide	1.59	0.418	--	4.95	1.30	--		2.092
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.418	--	ND	3.20	--		2.092
trans-1,2-Dichloroethene	ND	0.418	--	ND	1.66	--		2.092
1,1-Dichloroethane	ND	0.418	--	ND	1.69	--		2.092
Methyl tert butyl ether	ND	0.418	--	ND	1.51	--		2.092
Vinyl acetate	ND	2.09	--	ND	7.36	--		2.092
2-Butanone	6.89	1.05	--	20.3	3.10	--		2.092
cis-1,2-Dichloroethene	ND	0.418	--	ND	1.66	--		2.092
Ethyl Acetate	ND	1.05	--	ND	3.78	--		2.092



Project Name: DC UNITED
Project Number: 40223

Lab Number: L1622460
Report Date: 07/28/16

SAMPLE RESULTS

Lab ID: L1622460-04 D
 Client ID: SG-17
 Sample Location: WASHINGTON, D.C.

Date Collected: 07/20/16 11:22
 Date Received: 07/20/16
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Chloroform	ND	0.418	--	ND	2.04	--		2.092
Tetrahydrofuran	ND	1.05	--	ND	3.10	--		2.092
1,2-Dichloroethane	ND	0.418	--	ND	1.69	--		2.092
n-Hexane	10.5	0.418	--	37.0	1.47	--		2.092
1,1,1-Trichloroethane	ND	0.418	--	ND	2.28	--		2.092
Benzene	8.14	0.418	--	26.0	1.34	--		2.092
Carbon tetrachloride	ND	0.418	--	ND	2.63	--		2.092
Cyclohexane	2.43	0.418	--	8.36	1.44	--		2.092
1,2-Dichloropropane	ND	0.418	--	ND	1.93	--		2.092
Bromodichloromethane	ND	0.418	--	ND	2.80	--		2.092
1,4-Dioxane	ND	0.418	--	ND	1.51	--		2.092
Trichloroethene	ND	0.418	--	ND	2.25	--		2.092
2,2,4-Trimethylpentane	51.4	0.418	--	240	1.95	--		2.092
Heptane	4.35	0.418	--	17.8	1.71	--		2.092
cis-1,3-Dichloropropene	ND	0.418	--	ND	1.90	--		2.092
4-Methyl-2-pentanone	1.36	1.05	--	5.57	4.30	--		2.092
trans-1,3-Dichloropropene	ND	0.418	--	ND	1.90	--		2.092
1,1,2-Trichloroethane	ND	0.418	--	ND	2.28	--		2.092
Toluene	8.83	0.418	--	33.3	1.58	--		2.092
2-Hexanone	2.07	0.418	--	8.48	1.71	--		2.092
Dibromochloromethane	ND	0.418	--	ND	3.56	--		2.092
1,2-Dibromoethane	ND	0.418	--	ND	3.21	--		2.092
Tetrachloroethene	5.11	0.418	--	34.7	2.83	--		2.092
Chlorobenzene	ND	0.418	--	ND	1.93	--		2.092
Ethylbenzene	1.90	0.418	--	8.25	1.82	--		2.092
p/m-Xylene	5.50	0.837	--	23.9	3.64	--		2.092
Bromoform	ND	0.418	--	ND	4.32	--		2.092
Styrene	ND	0.418	--	ND	1.78	--		2.092



Project Name: DC UNITED**Lab Number:** L1622460**Project Number:** 40223**Report Date:** 07/28/16**SAMPLE RESULTS**

Lab ID: L1622460-04 D
 Client ID: SG-17
 Sample Location: WASHINGTON, D.C.

Date Collected: 07/20/16 11:22
 Date Received: 07/20/16
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
1,1,2,2-Tetrachloroethane	ND	0.418	--	ND	2.87	--		2.092
o-Xylene	2.26	0.418	--	9.82	1.82	--		2.092
4-Ethyltoluene	0.805	0.418	--	3.96	2.05	--		2.092
1,3,5-Trimethylbenzene	0.992	0.418	--	4.88	2.05	--		2.092
1,2,4-Trimethylbenzene	2.73	0.418	--	13.4	2.05	--		2.092
Benzyl chloride	ND	0.418	--	ND	2.16	--		2.092
1,3-Dichlorobenzene	ND	0.418	--	ND	2.51	--		2.092
1,4-Dichlorobenzene	ND	0.418	--	ND	2.51	--		2.092
1,2-Dichlorobenzene	ND	0.418	--	ND	2.51	--		2.092
1,2,4-Trichlorobenzene	ND	0.418	--	ND	3.10	--		2.092
Naphthalene	0.477	0.418	--	2.50	2.19	--		2.092
Hexachlorobutadiene	ND	0.418	--	ND	4.46	--		2.092

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	110		60-140
Bromochloromethane	102		60-140
chlorobenzene-d5	110		60-140



Project Name: DC UNITED**Lab Number:** L1622460**Project Number:** 40223**Report Date:** 07/28/16**SAMPLE RESULTS**

Lab ID: L1622460-04 D
 Client ID: SG-17
 Sample Location: WASHINGTON, D.C.
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 07/27/16 20:03
 Analyst: RY

Date Collected: 07/20/16 11:22
 Date Received: 07/20/16
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	1.22	0.418	--	6.03	2.07	--		2.092

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	110		60-140
bromochloromethane	105		60-140
chlorobenzene-d5	108		60-140



Project Name: DC UNITED**Lab Number:** L1622460**Project Number:** 40223**Report Date:** 07/28/16**SAMPLE RESULTS**

Lab ID: L1622460-05 D
 Client ID: SG-08
 Sample Location: WASHINGTON, D.C.
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15
 Analytical Date: 07/27/16 20:35
 Analyst: RY

Date Collected: 07/20/16 11:31
 Date Received: 07/20/16
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Propylene	566	5.23	--	974	9.00	--		10.46
Chloromethane	ND	2.09	--	ND	4.32	--		10.46
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	2.09	--	ND	14.6	--		10.46
Vinyl chloride	ND	2.09	--	ND	5.34	--		10.46
1,3-Butadiene	20.6	2.09	--	45.6	4.62	--		10.46
Bromomethane	ND	2.09	--	ND	8.12	--		10.46
Chloroethane	ND	2.09	--	ND	5.52	--		10.46
Ethyl Alcohol	ND	52.3	--	ND	98.5	--		10.46
Vinyl bromide	ND	2.09	--	ND	9.14	--		10.46
Acetone	41.7	10.5	--	99.1	24.9	--		10.46
Trichlorofluoromethane	ND	2.09	--	ND	11.7	--		10.46
iso-Propyl Alcohol	ND	5.23	--	ND	12.9	--		10.46
1,1-Dichloroethene	ND	2.09	--	ND	8.29	--		10.46
Methylene chloride	ND	5.23	--	ND	18.2	--		10.46
3-Chloropropene	ND	2.09	--	ND	6.54	--		10.46
Carbon disulfide	2.52	2.09	--	7.85	6.51	--		10.46
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	2.09	--	ND	16.0	--		10.46
trans-1,2-Dichloroethene	ND	2.09	--	ND	8.29	--		10.46
1,1-Dichloroethane	ND	2.09	--	ND	8.46	--		10.46
Methyl tert butyl ether	ND	2.09	--	ND	7.54	--		10.46
Vinyl acetate	ND	10.5	--	ND	37.0	--		10.46
2-Butanone	9.09	5.23	--	26.8	15.4	--		10.46
cis-1,2-Dichloroethene	ND	2.09	--	ND	8.29	--		10.46
Ethyl Acetate	ND	5.23	--	ND	18.8	--		10.46



Project Name: DC UNITED
Project Number: 40223

Lab Number: L1622460
Report Date: 07/28/16

SAMPLE RESULTS

Lab ID: L1622460-05 D
 Client ID: SG-08
 Sample Location: WASHINGTON, D.C.

Date Collected: 07/20/16 11:31
 Date Received: 07/20/16
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Chloroform	ND	2.09	--	ND	10.2	--		10.46
Tetrahydrofuran	ND	5.23	--	ND	15.4	--		10.46
1,2-Dichloroethane	ND	2.09	--	ND	8.46	--		10.46
n-Hexane	20.0	2.09	--	70.5	7.37	--		10.46
1,1,1-Trichloroethane	ND	2.09	--	ND	11.4	--		10.46
Benzene	7.25	2.09	--	23.2	6.68	--		10.46
Carbon tetrachloride	ND	2.09	--	ND	13.1	--		10.46
Cyclohexane	ND	2.09	--	ND	7.19	--		10.46
1,2-Dichloropropane	ND	2.09	--	ND	9.66	--		10.46
Bromodichloromethane	ND	2.09	--	ND	14.0	--		10.46
1,4-Dioxane	ND	2.09	--	ND	7.53	--		10.46
Trichloroethene	ND	2.09	--	ND	11.2	--		10.46
2,2,4-Trimethylpentane	ND	2.09	--	ND	9.76	--		10.46
Heptane	6.72	2.09	--	27.5	8.57	--		10.46
cis-1,3-Dichloropropene	ND	2.09	--	ND	9.49	--		10.46
4-Methyl-2-pentanone	ND	5.23	--	ND	21.4	--		10.46
trans-1,3-Dichloropropene	ND	2.09	--	ND	9.49	--		10.46
1,1,2-Trichloroethane	ND	2.09	--	ND	11.4	--		10.46
Toluene	8.35	2.09	--	31.5	7.88	--		10.46
2-Hexanone	ND	2.09	--	ND	8.57	--		10.46
Dibromochloromethane	ND	2.09	--	ND	17.8	--		10.46
1,2-Dibromoethane	ND	2.09	--	ND	16.1	--		10.46
Tetrachloroethene	ND	2.09	--	ND	14.2	--		10.46
Chlorobenzene	ND	2.09	--	ND	9.63	--		10.46
Ethylbenzene	ND	2.09	--	ND	9.08	--		10.46
p/m-Xylene	ND	4.18	--	ND	18.2	--		10.46
Bromoform	ND	2.09	--	ND	21.6	--		10.46
Styrene	ND	2.09	--	ND	8.90	--		10.46



Project Name: DC UNITED**Lab Number:** L1622460**Project Number:** 40223**Report Date:** 07/28/16**SAMPLE RESULTS**

Lab ID: L1622460-05 D
 Client ID: SG-08
 Sample Location: WASHINGTON, D.C.

Date Collected: 07/20/16 11:31
 Date Received: 07/20/16
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
1,1,2,2-Tetrachloroethane	ND	2.09	--	ND	14.4	--		10.46
o-Xylene	ND	2.09	--	ND	9.08	--		10.46
4-Ethyltoluene	ND	2.09	--	ND	10.3	--		10.46
1,3,5-Trimethylbenzene	ND	2.09	--	ND	10.3	--		10.46
1,2,4-Trimethylbenzene	2.54	2.09	--	12.5	10.3	--		10.46
Benzyl chloride	ND	2.09	--	ND	10.8	--		10.46
1,3-Dichlorobenzene	ND	2.09	--	ND	12.6	--		10.46
1,4-Dichlorobenzene	ND	2.09	--	ND	12.6	--		10.46
1,2-Dichlorobenzene	ND	2.09	--	ND	12.6	--		10.46
1,2,4-Trichlorobenzene	ND	2.09	--	ND	15.5	--		10.46
Naphthalene	ND	2.09	--	ND	11.0	--		10.46
Hexachlorobutadiene	ND	2.09	--	ND	22.3	--		10.46

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	115		60-140
Bromochloromethane	104		60-140
chlorobenzene-d5	107		60-140



Project Name: DC UNITED**Lab Number:** L1622460**Project Number:** 40223**Report Date:** 07/28/16**SAMPLE RESULTS**

Lab ID: L1622460-05 D
Client ID: SG-08
Sample Location: WASHINGTON, D.C.
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15-SIM
Analytical Date: 07/27/16 20:35
Analyst: RY

Date Collected: 07/20/16 11:31
Date Received: 07/20/16
Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	ND	2.09	--	ND	10.3	--		10.46

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	114		60-140
bromochloromethane	106		60-140
chlorobenzene-d5	108		60-140



Project Name: DC UNITED
Project Number: 40223

Lab Number: L1622460
Report Date: 07/28/16

SAMPLE RESULTS

Lab ID: L1622460-06 D
 Client ID: SG-09
 Sample Location: WASHINGTON, D.C.
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15
 Analytical Date: 07/28/16 10:32
 Analyst: RY

Date Collected: 07/20/16 11:32
 Date Received: 07/20/16
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Propylene	837	5.19	--	1440	8.93	--		10.38
Chloromethane	ND	2.08	--	ND	4.30	--		10.38
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	2.08	--	ND	14.5	--		10.38
Vinyl chloride	ND	2.08	--	ND	5.32	--		10.38
1,3-Butadiene	11.7	2.08	--	25.9	4.60	--		10.38
Bromomethane	ND	2.08	--	ND	8.08	--		10.38
Chloroethane	ND	2.08	--	ND	5.49	--		10.38
Ethyl Alcohol	ND	51.9	--	ND	97.8	--		10.38
Vinyl bromide	ND	2.08	--	ND	9.09	--		10.38
Acetone	12.4	10.4	--	29.5	24.7	--		10.38
Trichlorofluoromethane	ND	2.08	--	ND	11.7	--		10.38
iso-Propyl Alcohol	ND	5.19	--	ND	12.8	--		10.38
1,1-Dichloroethene	ND	2.08	--	ND	8.25	--		10.38
Methylene chloride	ND	5.19	--	ND	18.0	--		10.38
3-Chloropropene	ND	2.08	--	ND	6.51	--		10.38
Carbon disulfide	8.58	2.08	--	26.7	6.48	--		10.38
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	2.08	--	ND	15.9	--		10.38
trans-1,2-Dichloroethene	ND	2.08	--	ND	8.25	--		10.38
1,1-Dichloroethane	ND	2.08	--	ND	8.42	--		10.38
Methyl tert butyl ether	57.7	2.08	--	208	7.50	--		10.38
Vinyl acetate	ND	10.4	--	ND	36.6	--		10.38
2-Butanone	ND	5.19	--	ND	15.3	--		10.38
cis-1,2-Dichloroethene	ND	2.08	--	ND	8.25	--		10.38
Ethyl Acetate	ND	5.19	--	ND	18.7	--		10.38



Project Name: DC UNITED
Project Number: 40223

Lab Number: L1622460
Report Date: 07/28/16

SAMPLE RESULTS

Lab ID: L1622460-06 D
 Client ID: SG-09
 Sample Location: WASHINGTON, D.C.

Date Collected: 07/20/16 11:32
 Date Received: 07/20/16
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Chloroform	ND	2.08	--	ND	10.2	--		10.38
Tetrahydrofuran	ND	5.19	--	ND	15.3	--		10.38
1,2-Dichloroethane	ND	2.08	--	ND	8.42	--		10.38
n-Hexane	17.2	2.08	--	60.6	7.33	--		10.38
1,1,1-Trichloroethane	ND	2.08	--	ND	11.3	--		10.38
Benzene	3.28	2.08	--	10.5	6.64	--		10.38
Carbon tetrachloride	ND	2.08	--	ND	13.1	--		10.38
Cyclohexane	3.60	2.08	--	12.4	7.16	--		10.38
1,2-Dichloropropane	ND	2.08	--	ND	9.61	--		10.38
Bromodichloromethane	ND	2.08	--	ND	13.9	--		10.38
1,4-Dioxane	ND	2.08	--	ND	7.50	--		10.38
Trichloroethene	ND	2.08	--	ND	11.2	--		10.38
2,2,4-Trimethylpentane	5.13	2.08	--	24.0	9.72	--		10.38
Heptane	6.10	2.08	--	25.0	8.52	--		10.38
cis-1,3-Dichloropropene	ND	2.08	--	ND	9.44	--		10.38
4-Methyl-2-pentanone	ND	5.19	--	ND	21.3	--		10.38
trans-1,3-Dichloropropene	ND	2.08	--	ND	9.44	--		10.38
1,1,2-Trichloroethane	ND	2.08	--	ND	11.3	--		10.38
Toluene	3.56	2.08	--	13.4	7.84	--		10.38
2-Hexanone	ND	2.08	--	ND	8.52	--		10.38
Dibromochloromethane	ND	2.08	--	ND	17.7	--		10.38
1,2-Dibromoethane	ND	2.08	--	ND	16.0	--		10.38
Tetrachloroethene	ND	2.08	--	ND	14.1	--		10.38
Chlorobenzene	ND	2.08	--	ND	9.58	--		10.38
Ethylbenzene	ND	2.08	--	ND	9.03	--		10.38
p/m-Xylene	ND	4.15	--	ND	18.0	--		10.38
Bromoform	ND	2.08	--	ND	21.5	--		10.38
Styrene	ND	2.08	--	ND	8.86	--		10.38



Project Name: DC UNITED**Lab Number:** L1622460**Project Number:** 40223**Report Date:** 07/28/16**SAMPLE RESULTS**

Lab ID: L1622460-06 D
 Client ID: SG-09
 Sample Location: WASHINGTON, D.C.

Date Collected: 07/20/16 11:32
 Date Received: 07/20/16
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
1,1,2,2-Tetrachloroethane	ND	2.08	--	ND	14.3	--		10.38
o-Xylene	ND	2.08	--	ND	9.03	--		10.38
4-Ethyltoluene	ND	2.08	--	ND	10.2	--		10.38
1,3,5-Trimethylbenzene	ND	2.08	--	ND	10.2	--		10.38
1,2,4-Trimethylbenzene	ND	2.08	--	ND	10.2	--		10.38
Benzyl chloride	ND	2.08	--	ND	10.8	--		10.38
1,3-Dichlorobenzene	ND	2.08	--	ND	12.5	--		10.38
1,4-Dichlorobenzene	ND	2.08	--	ND	12.5	--		10.38
1,2-Dichlorobenzene	ND	2.08	--	ND	12.5	--		10.38
1,2,4-Trichlorobenzene	ND	2.08	--	ND	15.4	--		10.38
Naphthalene	ND	2.08	--	ND	10.9	--		10.38
Hexachlorobutadiene	ND	2.08	--	ND	22.2	--		10.38

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	103		60-140
Bromochloromethane	97		60-140
chlorobenzene-d5	96		60-140



Project Name: DC UNITED**Lab Number:** L1622460**Project Number:** 40223**Report Date:** 07/28/16**SAMPLE RESULTS**

Lab ID: L1622460-06 D
 Client ID: SG-09
 Sample Location: WASHINGTON, D.C.
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 07/28/16 10:32
 Analyst: RY

Date Collected: 07/20/16 11:32
 Date Received: 07/20/16
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	ND	2.08	--	ND	10.3	--		10.38

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	102		60-140
bromochloromethane	101		60-140
chlorobenzene-d5	97		60-140



Project Name: DC UNITED**Lab Number:** L1622460**Project Number:** 40223**Report Date:** 07/28/16**SAMPLE RESULTS**

Lab ID: L1622460-07 D
 Client ID: SG-10
 Sample Location: WASHINGTON, D.C.
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15
 Analytical Date: 07/27/16 21:40
 Analyst: RY

Date Collected: 07/20/16 11:42
 Date Received: 07/20/16
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Propylene	8.69	1.03	--	15.0	1.77	--		2.056
Chloromethane	ND	0.411	--	ND	0.849	--		2.056
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.411	--	ND	2.87	--		2.056
Vinyl chloride	ND	0.411	--	ND	1.05	--		2.056
1,3-Butadiene	ND	0.411	--	ND	0.909	--		2.056
Bromomethane	ND	0.411	--	ND	1.60	--		2.056
Chloroethane	ND	0.411	--	ND	1.08	--		2.056
Ethyl Alcohol	ND	10.3	--	ND	19.4	--		2.056
Vinyl bromide	ND	0.411	--	ND	1.80	--		2.056
Acetone	7.33	2.06	--	17.4	4.89	--		2.056
Trichlorofluoromethane	29.0	0.411	--	163	2.31	--		2.056
iso-Propyl Alcohol	ND	1.03	--	ND	2.53	--		2.056
1,1-Dichloroethene	ND	0.411	--	ND	1.63	--		2.056
Methylene chloride	ND	1.03	--	ND	3.58	--		2.056
3-Chloropropene	ND	0.411	--	ND	1.29	--		2.056
Carbon disulfide	0.921	0.411	--	2.87	1.28	--		2.056
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.411	--	ND	3.15	--		2.056
trans-1,2-Dichloroethene	ND	0.411	--	ND	1.63	--		2.056
1,1-Dichloroethane	ND	0.411	--	ND	1.66	--		2.056
Methyl tert butyl ether	ND	0.411	--	ND	1.48	--		2.056
Vinyl acetate	ND	2.06	--	ND	7.25	--		2.056
2-Butanone	2.26	1.03	--	6.67	3.04	--		2.056
cis-1,2-Dichloroethene	ND	0.411	--	ND	1.63	--		2.056
Ethyl Acetate	ND	1.03	--	ND	3.71	--		2.056



Project Name: DC UNITED
Project Number: 40223

Lab Number: L1622460
Report Date: 07/28/16

SAMPLE RESULTS

Lab ID: L1622460-07 D
 Client ID: SG-10
 Sample Location: WASHINGTON, D.C.

Date Collected: 07/20/16 11:42
 Date Received: 07/20/16
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Chloroform	9.80	0.411	--	47.9	2.01	--		2.056
Tetrahydrofuran	ND	1.03	--	ND	3.04	--		2.056
1,2-Dichloroethane	ND	0.411	--	ND	1.66	--		2.056
n-Hexane	3.38	0.411	--	11.9	1.45	--		2.056
1,1,1-Trichloroethane	ND	0.411	--	ND	2.24	--		2.056
Benzene	ND	0.411	--	ND	1.31	--		2.056
Carbon tetrachloride	ND	0.411	--	ND	2.59	--		2.056
Cyclohexane	0.549	0.411	--	1.89	1.41	--		2.056
1,2-Dichloropropane	ND	0.411	--	ND	1.90	--		2.056
Bromodichloromethane	ND	0.411	--	ND	2.75	--		2.056
1,4-Dioxane	ND	0.411	--	ND	1.48	--		2.056
Trichloroethene	ND	0.411	--	ND	2.21	--		2.056
2,2,4-Trimethylpentane	ND	0.411	--	ND	1.92	--		2.056
Heptane	0.598	0.411	--	2.45	1.68	--		2.056
cis-1,3-Dichloropropene	ND	0.411	--	ND	1.87	--		2.056
4-Methyl-2-pentanone	ND	1.03	--	ND	4.22	--		2.056
trans-1,3-Dichloropropene	ND	0.411	--	ND	1.87	--		2.056
1,1,2-Trichloroethane	ND	0.411	--	ND	2.24	--		2.056
Toluene	0.586	0.411	--	2.21	1.55	--		2.056
2-Hexanone	ND	0.411	--	ND	1.68	--		2.056
Dibromochloromethane	ND	0.411	--	ND	3.50	--		2.056
1,2-Dibromoethane	ND	0.411	--	ND	3.16	--		2.056
Tetrachloroethene	ND	0.411	--	ND	2.79	--		2.056
Chlorobenzene	ND	0.411	--	ND	1.89	--		2.056
Ethylbenzene	ND	0.411	--	ND	1.79	--		2.056
p/m-Xylene	ND	0.822	--	ND	3.57	--		2.056
Bromoform	ND	0.411	--	ND	4.25	--		2.056
Styrene	ND	0.411	--	ND	1.75	--		2.056



Project Name: DC UNITED
Project Number: 40223

Lab Number: L1622460
Report Date: 07/28/16

SAMPLE RESULTS

Lab ID: L1622460-07 D
 Client ID: SG-10
 Sample Location: WASHINGTON, D.C.

Date Collected: 07/20/16 11:42
 Date Received: 07/20/16
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
1,1,2,2-Tetrachloroethane	ND	0.411	--	ND	2.82	--		2.056
o-Xylene	ND	0.411	--	ND	1.79	--		2.056
4-Ethyltoluene	ND	0.411	--	ND	2.02	--		2.056
1,3,5-Trimethylbenzene	ND	0.411	--	ND	2.02	--		2.056
1,2,4-Trimethylbenzene	0.837	0.411	--	4.11	2.02	--		2.056
Benzyl chloride	ND	0.411	--	ND	2.13	--		2.056
1,3-Dichlorobenzene	ND	0.411	--	ND	2.47	--		2.056
1,4-Dichlorobenzene	ND	0.411	--	ND	2.47	--		2.056
1,2-Dichlorobenzene	ND	0.411	--	ND	2.47	--		2.056
1,2,4-Trichlorobenzene	ND	0.411	--	ND	3.05	--		2.056
Naphthalene	ND	0.411	--	ND	2.16	--		2.056
Hexachlorobutadiene	ND	0.411	--	ND	4.38	--		2.056

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	96		60-140
Bromochloromethane	94		60-140
chlorobenzene-d5	93		60-140



Project Name: DC UNITED**Lab Number:** L1622460**Project Number:** 40223**Report Date:** 07/28/16**SAMPLE RESULTS**

Lab ID: L1622460-07 D
Client ID: SG-10
Sample Location: WASHINGTON, D.C.
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15-SIM
Analytical Date: 07/27/16 21:40
Analyst: RY

Date Collected: 07/20/16 11:42
Date Received: 07/20/16
Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	0.699	0.411	--	3.46	2.03	--		2.056

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	98		60-140
bromochloromethane	98		60-140
chlorobenzene-d5	96		60-140



Project Name: DC UNITED**Lab Number:** L1622460**Project Number:** 40223**Report Date:** 07/28/16**SAMPLE RESULTS**

Lab ID: L1622460-08 D
 Client ID: SG-01
 Sample Location: WASHINGTON, D.C.
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15
 Analytical Date: 07/27/16 22:14
 Analyst: RY

Date Collected: 07/20/16 11:44
 Date Received: 07/20/16
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Propylene	97.0	1.04	--	167	1.79	--		2.077
Chloromethane	ND	0.415	--	ND	0.857	--		2.077
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.415	--	ND	2.90	--		2.077
Vinyl chloride	ND	0.415	--	ND	1.06	--		2.077
1,3-Butadiene	2.64	0.415	--	5.84	0.918	--		2.077
Bromomethane	ND	0.415	--	ND	1.61	--		2.077
Chloroethane	ND	0.415	--	ND	1.10	--		2.077
Ethyl Alcohol	ND	10.4	--	ND	19.6	--		2.077
Vinyl bromide	ND	0.415	--	ND	1.81	--		2.077
Acetone	31.6	2.08	--	75.1	4.94	--		2.077
Trichlorofluoromethane	27.7	0.415	--	156	2.33	--		2.077
iso-Propyl Alcohol	ND	1.04	--	ND	2.56	--		2.077
1,1-Dichloroethene	ND	0.415	--	ND	1.65	--		2.077
Methylene chloride	ND	1.04	--	ND	3.61	--		2.077
3-Chloropropene	ND	0.415	--	ND	1.30	--		2.077
Carbon disulfide	1.30	0.415	--	4.05	1.29	--		2.077
1,1,2-Trichloro-1,2,2-Trifluoroethane	2.64	0.415	--	20.2	3.18	--		2.077
trans-1,2-Dichloroethene	ND	0.415	--	ND	1.65	--		2.077
1,1-Dichloroethane	ND	0.415	--	ND	1.68	--		2.077
Methyl tert butyl ether	ND	0.415	--	ND	1.50	--		2.077
Vinyl acetate	ND	2.08	--	ND	7.32	--		2.077
2-Butanone	8.55	1.04	--	25.2	3.07	--		2.077
cis-1,2-Dichloroethene	ND	0.415	--	ND	1.65	--		2.077
Ethyl Acetate	ND	1.04	--	ND	3.75	--		2.077



Project Name: DC UNITED
Project Number: 40223

Lab Number: L1622460
Report Date: 07/28/16

SAMPLE RESULTS

Lab ID: L1622460-08 D
 Client ID: SG-01
 Sample Location: WASHINGTON, D.C.

Date Collected: 07/20/16 11:44
 Date Received: 07/20/16
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Chloroform	ND	0.415	--	ND	2.03	--		2.077
Tetrahydrofuran	ND	1.04	--	ND	3.07	--		2.077
1,2-Dichloroethane	ND	0.415	--	ND	1.68	--		2.077
n-Hexane	6.97	0.415	--	24.6	1.46	--		2.077
1,1,1-Trichloroethane	ND	0.415	--	ND	2.26	--		2.077
Benzene	3.29	0.415	--	10.5	1.33	--		2.077
Carbon tetrachloride	ND	0.415	--	ND	2.61	--		2.077
Cyclohexane	2.23	0.415	--	7.68	1.43	--		2.077
1,2-Dichloropropane	ND	0.415	--	ND	1.92	--		2.077
Bromodichloromethane	ND	0.415	--	ND	2.78	--		2.077
1,4-Dioxane	ND	0.415	--	ND	1.50	--		2.077
Trichloroethene	ND	0.415	--	ND	2.23	--		2.077
2,2,4-Trimethylpentane	ND	0.415	--	ND	1.94	--		2.077
Heptane	3.14	0.415	--	12.9	1.70	--		2.077
cis-1,3-Dichloropropene	ND	0.415	--	ND	1.88	--		2.077
4-Methyl-2-pentanone	ND	1.04	--	ND	4.26	--		2.077
trans-1,3-Dichloropropene	ND	0.415	--	ND	1.88	--		2.077
1,1,2-Trichloroethane	ND	0.415	--	ND	2.26	--		2.077
Toluene	5.36	0.415	--	20.2	1.56	--		2.077
2-Hexanone	ND	0.415	--	ND	1.70	--		2.077
Dibromochloromethane	ND	0.415	--	ND	3.54	--		2.077
1,2-Dibromoethane	ND	0.415	--	ND	3.19	--		2.077
Tetrachloroethene	ND	0.415	--	ND	2.81	--		2.077
Chlorobenzene	ND	0.415	--	ND	1.91	--		2.077
Ethylbenzene	0.633	0.415	--	2.75	1.80	--		2.077
p/m-Xylene	1.44	0.831	--	6.25	3.61	--		2.077
Bromoform	ND	0.415	--	ND	4.29	--		2.077
Styrene	ND	0.415	--	ND	1.77	--		2.077



Project Name: DC UNITED**Lab Number:** L1622460**Project Number:** 40223**Report Date:** 07/28/16**SAMPLE RESULTS**

Lab ID: L1622460-08 D
 Client ID: SG-01
 Sample Location: WASHINGTON, D.C.

Date Collected: 07/20/16 11:44
 Date Received: 07/20/16
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
1,1,2,2-Tetrachloroethane	ND	0.415	--	ND	2.85	--		2.077
o-Xylene	0.662	0.415	--	2.88	1.80	--		2.077
4-Ethyltoluene	ND	0.415	--	ND	2.04	--		2.077
1,3,5-Trimethylbenzene	ND	0.415	--	ND	2.04	--		2.077
1,2,4-Trimethylbenzene	1.06	0.415	--	5.21	2.04	--		2.077
Benzyl chloride	ND	0.415	--	ND	2.15	--		2.077
1,3-Dichlorobenzene	ND	0.415	--	ND	2.50	--		2.077
1,4-Dichlorobenzene	ND	0.415	--	ND	2.50	--		2.077
1,2-Dichlorobenzene	ND	0.415	--	ND	2.50	--		2.077
1,2,4-Trichlorobenzene	ND	0.415	--	ND	3.08	--		2.077
Naphthalene	1.00	0.415	--	5.24	2.18	--		2.077
Hexachlorobutadiene	ND	0.415	--	ND	4.43	--		2.077

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	98		60-140
Bromochloromethane	98		60-140
chlorobenzene-d5	96		60-140



Project Name: DC UNITED**Lab Number:** L1622460**Project Number:** 40223**Report Date:** 07/28/16**SAMPLE RESULTS**

Lab ID: L1622460-08 D
Client ID: SG-01
Sample Location: WASHINGTON, D.C.
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15-SIM
Analytical Date: 07/27/16 22:14
Analyst: RY

Date Collected: 07/20/16 11:44
Date Received: 07/20/16
Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	0.673	0.415	--	3.33	2.05	--		2.077

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	100		60-140
bromochloromethane	100		60-140
chlorobenzene-d5	97		60-140



Project Name: DC UNITED
Project Number: 40223

Lab Number: L1622460
Report Date: 07/28/16

SAMPLE RESULTS

Lab ID: L1622460-09 D
 Client ID: SG-02
 Sample Location: WASHINGTON, D.C.
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15
 Analytical Date: 07/28/16 03:45
 Analyst: RY

Date Collected: 07/20/16 11:54
 Date Received: 07/20/16
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Propylene	5280	59.0	--	9090	102	--		118.1
Chloromethane	ND	23.6	--	ND	48.7	--		118.1
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	23.6	--	ND	165	--		118.1
Vinyl chloride	356	23.6	--	910	60.3	--		118.1
1,3-Butadiene	107	23.6	--	237	52.2	--		118.1
Bromomethane	ND	23.6	--	ND	91.6	--		118.1
Chloroethane	ND	23.6	--	ND	62.3	--		118.1
Ethyl Alcohol	ND	590	--	ND	1110	--		118.1
Vinyl bromide	ND	23.6	--	ND	103	--		118.1
Acetone	133	118	--	316	280	--		118.1
Trichlorofluoromethane	ND	23.6	--	ND	133	--		118.1
iso-Propyl Alcohol	ND	59.0	--	ND	145	--		118.1
1,1-Dichloroethene	ND	23.6	--	ND	93.6	--		118.1
Methylene chloride	ND	59.0	--	ND	205	--		118.1
3-Chloropropene	ND	23.6	--	ND	73.9	--		118.1
Carbon disulfide	41.0	23.6	--	128	73.5	--		118.1
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	23.6	--	ND	181	--		118.1
trans-1,2-Dichloroethene	ND	23.6	--	ND	93.6	--		118.1
1,1-Dichloroethane	ND	23.6	--	ND	95.5	--		118.1
Methyl tert butyl ether	120	23.6	--	433	85.1	--		118.1
Vinyl acetate	ND	118.	--	ND	415	--		118.1
2-Butanone	ND	59.0	--	ND	174	--		118.1
cis-1,2-Dichloroethene	50.2	23.6	--	199	93.6	--		118.1
Ethyl Acetate	ND	59.0	--	ND	213	--		118.1



Project Name: DC UNITED**Lab Number:** L1622460**Project Number:** 40223**Report Date:** 07/28/16**SAMPLE RESULTS**

Lab ID: L1622460-09 D
 Client ID: SG-02
 Sample Location: WASHINGTON, D.C.

Date Collected: 07/20/16 11:54
 Date Received: 07/20/16
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Chloroform	ND	23.6	--	ND	115	--		118.1
Tetrahydrofuran	ND	59.0	--	ND	174	--		118.1
1,2-Dichloroethane	ND	23.6	--	ND	95.5	--		118.1
n-Hexane	676	23.6	--	2380	83.2	--		118.1
1,1,1-Trichloroethane	ND	23.6	--	ND	129	--		118.1
Benzene	116	23.6	--	371	75.4	--		118.1
Carbon tetrachloride	ND	23.6	--	ND	148	--		118.1
Cyclohexane	72.4	23.6	--	249	81.2	--		118.1
1,2-Dichloropropane	ND	23.6	--	ND	109	--		118.1
Bromodichloromethane	ND	23.6	--	ND	158	--		118.1
1,4-Dioxane	ND	23.6	--	ND	85.0	--		118.1
Trichloroethene	ND	23.6	--	ND	127	--		118.1
2,2,4-Trimethylpentane	954	23.6	--	4460	110	--		118.1
Heptane	212	23.6	--	869	96.7	--		118.1
cis-1,3-Dichloropropene	ND	23.6	--	ND	107	--		118.1
4-Methyl-2-pentanone	61.8	59.0	--	253	242	--		118.1
trans-1,3-Dichloropropene	ND	23.6	--	ND	107	--		118.1
1,1,2-Trichloroethane	ND	23.6	--	ND	129	--		118.1
Toluene	240	23.6	--	904	88.9	--		118.1
2-Hexanone	ND	23.6	--	ND	96.7	--		118.1
Dibromochloromethane	ND	23.6	--	ND	201	--		118.1
1,2-Dibromoethane	ND	23.6	--	ND	181	--		118.1
Tetrachloroethene	97.2	23.6	--	659	160	--		118.1
Chlorobenzene	ND	23.6	--	ND	109	--		118.1
Ethylbenzene	69.3	23.6	--	301	103	--		118.1
p/m-Xylene	95.0	47.2	--	413	205	--		118.1
Bromoform	ND	23.6	--	ND	244	--		118.1
Styrene	ND	23.6	--	ND	100	--		118.1



Project Name: DC UNITED**Lab Number:** L1622460**Project Number:** 40223**Report Date:** 07/28/16**SAMPLE RESULTS**

Lab ID: L1622460-09 D
 Client ID: SG-02
 Sample Location: WASHINGTON, D.C.

Date Collected: 07/20/16 11:54
 Date Received: 07/20/16
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
1,1,2,2-Tetrachloroethane	ND	23.6	--	ND	162	--		118.1
o-Xylene	48.1	23.6	--	209	103	--		118.1
4-Ethyltoluene	ND	23.6	--	ND	116	--		118.1
1,3,5-Trimethylbenzene	ND	23.6	--	ND	116	--		118.1
1,2,4-Trimethylbenzene	39.2	23.6	--	193	116	--		118.1
Benzyl chloride	ND	23.6	--	ND	122	--		118.1
1,3-Dichlorobenzene	ND	23.6	--	ND	142	--		118.1
1,4-Dichlorobenzene	ND	23.6	--	ND	142	--		118.1
1,2-Dichlorobenzene	ND	23.6	--	ND	142	--		118.1
1,2,4-Trichlorobenzene	ND	23.6	--	ND	175	--		118.1
Naphthalene	ND	23.6	--	ND	124	--		118.1
Hexachlorobutadiene	ND	23.6	--	ND	252	--		118.1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	102		60-140
Bromochloromethane	98		60-140
chlorobenzene-d5	98		60-140



Project Name: DC UNITED**Lab Number:** L1622460**Project Number:** 40223**Report Date:** 07/28/16**SAMPLE RESULTS**

Lab ID: L1622460-09 D
 Client ID: SG-02
 Sample Location: WASHINGTON, D.C.
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 07/28/16 03:45
 Analyst: RY

Date Collected: 07/20/16 11:54
 Date Received: 07/20/16
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	ND	23.6	--	ND	117	--		118.1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	103		60-140
bromochloromethane	101		60-140
chlorobenzene-d5	97		60-140



Project Name: DC UNITED**Lab Number:** L1622460**Project Number:** 40223**Report Date:** 07/28/16**SAMPLE RESULTS**

Lab ID: L1622460-10 D
 Client ID: SG-12
 Sample Location: WASHINGTON, D.C.
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15
 Analytical Date: 07/27/16 22:45
 Analyst: RY

Date Collected: 07/20/16 12:04
 Date Received: 07/20/16
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Propylene	415	5.16	--	714	8.88	--		10.31
Chloromethane	ND	2.06	--	ND	4.25	--		10.31
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	2.06	--	ND	14.4	--		10.31
Vinyl chloride	ND	2.06	--	ND	5.27	--		10.31
1,3-Butadiene	17.6	2.06	--	38.9	4.56	--		10.31
Bromomethane	ND	2.06	--	ND	8.00	--		10.31
Chloroethane	ND	2.06	--	ND	5.44	--		10.31
Ethyl Alcohol	ND	51.6	--	ND	97.2	--		10.31
Vinyl bromide	ND	2.06	--	ND	9.01	--		10.31
Acetone	76.4	10.3	--	181	24.5	--		10.31
Trichlorofluoromethane	ND	2.06	--	ND	11.6	--		10.31
iso-Propyl Alcohol	ND	5.16	--	ND	12.7	--		10.31
1,1-Dichloroethene	ND	2.06	--	ND	8.17	--		10.31
Methylene chloride	ND	5.16	--	ND	17.9	--		10.31
3-Chloropropene	ND	2.06	--	ND	6.45	--		10.31
Carbon disulfide	ND	2.06	--	ND	6.42	--		10.31
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	2.06	--	ND	15.8	--		10.31
trans-1,2-Dichloroethene	ND	2.06	--	ND	8.17	--		10.31
1,1-Dichloroethane	ND	2.06	--	ND	8.34	--		10.31
Methyl tert butyl ether	ND	2.06	--	ND	7.43	--		10.31
Vinyl acetate	ND	10.3	--	ND	36.3	--		10.31
2-Butanone	14.9	5.16	--	43.9	15.2	--		10.31
cis-1,2-Dichloroethene	ND	2.06	--	ND	8.17	--		10.31
Ethyl Acetate	ND	5.16	--	ND	18.6	--		10.31



Project Name: DC UNITED**Lab Number:** L1622460**Project Number:** 40223**Report Date:** 07/28/16**SAMPLE RESULTS**

Lab ID: L1622460-10 D
 Client ID: SG-12
 Sample Location: WASHINGTON, D.C.

Date Collected: 07/20/16 12:04
 Date Received: 07/20/16
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Chloroform	ND	2.06	--	ND	10.1	--		10.31
Tetrahydrofuran	ND	5.16	--	ND	15.2	--		10.31
1,2-Dichloroethane	ND	2.06	--	ND	8.34	--		10.31
n-Hexane	29.2	2.06	--	103	7.26	--		10.31
1,1,1-Trichloroethane	ND	2.06	--	ND	11.2	--		10.31
Benzene	9.93	2.06	--	31.7	6.58	--		10.31
Carbon tetrachloride	ND	2.06	--	ND	13.0	--		10.31
Cyclohexane	3.35	2.06	--	11.5	7.09	--		10.31
1,2-Dichloropropane	ND	2.06	--	ND	9.52	--		10.31
Bromodichloromethane	ND	2.06	--	ND	13.8	--		10.31
1,4-Dioxane	ND	2.06	--	ND	7.42	--		10.31
Trichloroethene	ND	2.06	--	ND	11.1	--		10.31
2,2,4-Trimethylpentane	ND	2.06	--	ND	9.62	--		10.31
Heptane	12.4	2.06	--	50.8	8.44	--		10.31
cis-1,3-Dichloropropene	ND	2.06	--	ND	9.35	--		10.31
4-Methyl-2-pentanone	ND	5.16	--	ND	21.1	--		10.31
trans-1,3-Dichloropropene	ND	2.06	--	ND	9.35	--		10.31
1,1,2-Trichloroethane	ND	2.06	--	ND	11.2	--		10.31
Toluene	9.10	2.06	--	34.3	7.76	--		10.31
2-Hexanone	ND	2.06	--	ND	8.44	--		10.31
Dibromochloromethane	ND	2.06	--	ND	17.6	--		10.31
1,2-Dibromoethane	ND	2.06	--	ND	15.8	--		10.31
Tetrachloroethene	ND	2.06	--	ND	14.0	--		10.31
Chlorobenzene	ND	2.06	--	ND	9.49	--		10.31
Ethylbenzene	2.71	2.06	--	11.8	8.95	--		10.31
p/m-Xylene	9.03	4.12	--	39.2	17.9	--		10.31
Bromoform	ND	2.06	--	ND	21.3	--		10.31
Styrene	ND	2.06	--	ND	8.77	--		10.31



Project Name: DC UNITED**Lab Number:** L1622460**Project Number:** 40223**Report Date:** 07/28/16**SAMPLE RESULTS**

Lab ID: L1622460-10 D
 Client ID: SG-12
 Sample Location: WASHINGTON, D.C.

Date Collected: 07/20/16 12:04
 Date Received: 07/20/16
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
1,1,2,2-Tetrachloroethane	ND	2.06	--	ND	14.1	--		10.31
o-Xylene	3.88	2.06	--	16.9	8.95	--		10.31
4-Ethyltoluene	ND	2.06	--	ND	10.1	--		10.31
1,3,5-Trimethylbenzene	2.67	2.06	--	13.1	10.1	--		10.31
1,2,4-Trimethylbenzene	8.16	2.06	--	40.1	10.1	--		10.31
Benzyl chloride	ND	2.06	--	ND	10.7	--		10.31
1,3-Dichlorobenzene	ND	2.06	--	ND	12.4	--		10.31
1,4-Dichlorobenzene	ND	2.06	--	ND	12.4	--		10.31
1,2-Dichlorobenzene	ND	2.06	--	ND	12.4	--		10.31
1,2,4-Trichlorobenzene	ND	2.06	--	ND	15.3	--		10.31
Naphthalene	ND	2.06	--	ND	10.8	--		10.31
Hexachlorobutadiene	ND	2.06	--	ND	22.0	--		10.31

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	98		60-140
Bromochloromethane	97		60-140
chlorobenzene-d5	95		60-140



Project Name: DC UNITED**Lab Number:** L1622460**Project Number:** 40223**Report Date:** 07/28/16**SAMPLE RESULTS**

Lab ID: L1622460-10 D
Client ID: SG-12
Sample Location: WASHINGTON, D.C.
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15-SIM
Analytical Date: 07/27/16 22:45
Analyst: RY

Date Collected: 07/20/16 12:04
Date Received: 07/20/16
Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	ND	2.06	--	ND	10.2	--		10.31

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	99		60-140
bromochloromethane	100		60-140
chlorobenzene-d5	98		60-140



Project Name: DC UNITED
Project Number: 40223

Lab Number: L1622460
Report Date: 07/28/16

SAMPLE RESULTS

Lab ID: L1622460-11 D
 Client ID: SG-16
 Sample Location: WASHINGTON, D.C.
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15
 Analytical Date: 07/28/16 11:06
 Analyst: RY

Date Collected: 07/19/16 16:46
 Date Received: 07/20/16
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Propylene	1.78	1.05	--	3.06	1.81	--		2.092
Chloromethane	ND	0.418	--	ND	0.863	--		2.092
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.418	--	ND	2.92	--		2.092
Vinyl chloride	ND	0.418	--	ND	1.07	--		2.092
1,3-Butadiene	ND	0.418	--	ND	0.925	--		2.092
Bromomethane	ND	0.418	--	ND	1.62	--		2.092
Chloroethane	ND	0.418	--	ND	1.10	--		2.092
Ethyl Alcohol	ND	10.5	--	ND	19.8	--		2.092
Vinyl bromide	ND	0.418	--	ND	1.83	--		2.092
Acetone	6.18	2.09	--	14.7	4.96	--		2.092
Trichlorofluoromethane	1.49	0.418	--	8.37	2.35	--		2.092
iso-Propyl Alcohol	ND	1.05	--	ND	2.58	--		2.092
1,1-Dichloroethene	ND	0.418	--	ND	1.66	--		2.092
Methylene chloride	ND	1.05	--	ND	3.65	--		2.092
3-Chloropropene	ND	0.418	--	ND	1.31	--		2.092
Carbon disulfide	ND	0.418	--	ND	1.30	--		2.092
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.418	--	ND	3.20	--		2.092
trans-1,2-Dichloroethene	ND	0.418	--	ND	1.66	--		2.092
1,1-Dichloroethane	ND	0.418	--	ND	1.69	--		2.092
Methyl tert butyl ether	ND	0.418	--	ND	1.51	--		2.092
Vinyl acetate	ND	2.09	--	ND	7.36	--		2.092
2-Butanone	2.58	1.05	--	7.61	3.10	--		2.092
cis-1,2-Dichloroethene	ND	0.418	--	ND	1.66	--		2.092
Ethyl Acetate	ND	1.05	--	ND	3.78	--		2.092



Project Name: DC UNITED
Project Number: 40223

Lab Number: L1622460
Report Date: 07/28/16

SAMPLE RESULTS

Lab ID: L1622460-11 D
 Client ID: SG-16
 Sample Location: WASHINGTON, D.C.

Date Collected: 07/19/16 16:46
 Date Received: 07/20/16
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Chloroform	ND	0.418	--	ND	2.04	--		2.092
Tetrahydrofuran	ND	1.05	--	ND	3.10	--		2.092
1,2-Dichloroethane	ND	0.418	--	ND	1.69	--		2.092
n-Hexane	ND	0.418	--	ND	1.47	--		2.092
1,1,1-Trichloroethane	ND	0.418	--	ND	2.28	--		2.092
Benzene	ND	0.418	--	ND	1.34	--		2.092
Carbon tetrachloride	ND	0.418	--	ND	2.63	--		2.092
Cyclohexane	0.471	0.418	--	1.62	1.44	--		2.092
1,2-Dichloropropane	ND	0.418	--	ND	1.93	--		2.092
Bromodichloromethane	ND	0.418	--	ND	2.80	--		2.092
1,4-Dioxane	ND	0.418	--	ND	1.51	--		2.092
Trichloroethene	ND	0.418	--	ND	2.25	--		2.092
2,2,4-Trimethylpentane	ND	0.418	--	ND	1.95	--		2.092
Heptane	ND	0.418	--	ND	1.71	--		2.092
cis-1,3-Dichloropropene	ND	0.418	--	ND	1.90	--		2.092
4-Methyl-2-pentanone	ND	1.05	--	ND	4.30	--		2.092
trans-1,3-Dichloropropene	ND	0.418	--	ND	1.90	--		2.092
1,1,2-Trichloroethane	ND	0.418	--	ND	2.28	--		2.092
Toluene	1.68	0.418	--	6.33	1.58	--		2.092
2-Hexanone	ND	0.418	--	ND	1.71	--		2.092
Dibromochloromethane	ND	0.418	--	ND	3.56	--		2.092
1,2-Dibromoethane	ND	0.418	--	ND	3.21	--		2.092
Tetrachloroethene	ND	0.418	--	ND	2.83	--		2.092
Chlorobenzene	ND	0.418	--	ND	1.93	--		2.092
Ethylbenzene	0.575	0.418	--	2.50	1.82	--		2.092
p/m-Xylene	2.34	0.837	--	10.2	3.64	--		2.092
Bromoform	ND	0.418	--	ND	4.32	--		2.092
Styrene	ND	0.418	--	ND	1.78	--		2.092



Project Name: DC UNITED**Lab Number:** L1622460**Project Number:** 40223**Report Date:** 07/28/16**SAMPLE RESULTS**

Lab ID: L1622460-11 D
 Client ID: SG-16
 Sample Location: WASHINGTON, D.C.

Date Collected: 07/19/16 16:46
 Date Received: 07/20/16
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
1,1,2,2-Tetrachloroethane	ND	0.418	--	ND	2.87	--		2.092
o-Xylene	1.06	0.418	--	4.60	1.82	--		2.092
4-Ethyltoluene	0.573	0.418	--	2.82	2.05	--		2.092
1,3,5-Trimethylbenzene	0.772	0.418	--	3.80	2.05	--		2.092
1,2,4-Trimethylbenzene	2.71	0.418	--	13.3	2.05	--		2.092
Benzyl chloride	ND	0.418	--	ND	2.16	--		2.092
1,3-Dichlorobenzene	ND	0.418	--	ND	2.51	--		2.092
1,4-Dichlorobenzene	ND	0.418	--	ND	2.51	--		2.092
1,2-Dichlorobenzene	ND	0.418	--	ND	2.51	--		2.092
1,2,4-Trichlorobenzene	ND	0.418	--	ND	3.10	--		2.092
Naphthalene	0.556	0.418	--	2.92	2.19	--		2.092
Hexachlorobutadiene	ND	0.418	--	ND	4.46	--		2.092

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	103		60-140
Bromochloromethane	98		60-140
chlorobenzene-d5	96		60-140



Project Name: DC UNITED**Lab Number:** L1622460**Project Number:** 40223**Report Date:** 07/28/16**SAMPLE RESULTS**

Lab ID: L1622460-11 D
 Client ID: SG-16
 Sample Location: WASHINGTON, D.C.
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 07/28/16 11:06
 Analyst: RY

Date Collected: 07/19/16 16:46
 Date Received: 07/20/16
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	ND	0.418	--	ND	2.07	--		2.092

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	104		60-140
bromochloromethane	102		60-140
chlorobenzene-d5	98		60-140



Project Name: DC UNITED**Lab Number:** L1622460**Project Number:** 40223**Report Date:** 07/28/16**SAMPLE RESULTS**

Lab ID: L1622460-12 D
 Client ID: SG-14
 Sample Location: WASHINGTON, D.C.
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15
 Analytical Date: 07/27/16 23:51
 Analyst: RY

Date Collected: 07/19/16 15:11
 Date Received: 07/20/16
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Propylene	1280	10.5	--	2200	18.1	--		20.92
Chloromethane	ND	4.18	--	ND	8.63	--		20.92
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	4.18	--	ND	29.2	--		20.92
Vinyl chloride	47.7	4.18	--	122	10.7	--		20.92
1,3-Butadiene	23.8	4.18	--	52.7	9.25	--		20.92
Bromomethane	ND	4.18	--	ND	16.2	--		20.92
Chloroethane	ND	4.18	--	ND	11.0	--		20.92
Ethyl Alcohol	ND	105	--	ND	198	--		20.92
Vinyl bromide	ND	4.18	--	ND	18.3	--		20.92
Acetone	58.6	20.9	--	139	49.6	--		20.92
Trichlorofluoromethane	ND	4.18	--	ND	23.5	--		20.92
iso-Propyl Alcohol	ND	10.5	--	ND	25.8	--		20.92
1,1-Dichloroethene	ND	4.18	--	ND	16.6	--		20.92
Methylene chloride	ND	10.5	--	ND	36.5	--		20.92
3-Chloropropene	ND	4.18	--	ND	13.1	--		20.92
Carbon disulfide	4.85	4.18	--	15.1	13.0	--		20.92
1,1,2-Trichloro-1,2,2-Trifluoroethane	10.9	4.18	--	83.5	32.0	--		20.92
trans-1,2-Dichloroethene	ND	4.18	--	ND	16.6	--		20.92
1,1-Dichloroethane	ND	4.18	--	ND	16.9	--		20.92
Methyl tert butyl ether	ND	4.18	--	ND	15.1	--		20.92
Vinyl acetate	ND	20.9	--	ND	73.6	--		20.92
2-Butanone	12.1	10.5	--	35.7	31.0	--		20.92
cis-1,2-Dichloroethene	ND	4.18	--	ND	16.6	--		20.92
Ethyl Acetate	ND	10.5	--	ND	37.8	--		20.92



Project Name: DC UNITED
Project Number: 40223

Lab Number: L1622460
Report Date: 07/28/16

SAMPLE RESULTS

Lab ID: L1622460-12 D
 Client ID: SG-14
 Sample Location: WASHINGTON, D.C.

Date Collected: 07/19/16 15:11
 Date Received: 07/20/16
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Chloroform	ND	4.18	--	ND	20.4	--		20.92
Tetrahydrofuran	ND	10.5	--	ND	31.0	--		20.92
1,2-Dichloroethane	ND	4.18	--	ND	16.9	--		20.92
n-Hexane	58.5	4.18	--	206	14.7	--		20.92
1,1,1-Trichloroethane	ND	4.18	--	ND	22.8	--		20.92
Benzene	8.66	4.18	--	27.7	13.4	--		20.92
Carbon tetrachloride	ND	4.18	--	ND	26.3	--		20.92
Cyclohexane	50.8	4.18	--	175	14.4	--		20.92
1,2-Dichloropropane	ND	4.18	--	ND	19.3	--		20.92
Bromodichloromethane	ND	4.18	--	ND	28.0	--		20.92
1,4-Dioxane	ND	4.18	--	ND	15.1	--		20.92
Trichloroethene	ND	4.18	--	ND	22.5	--		20.92
2,2,4-Trimethylpentane	32.9	4.18	--	154	19.5	--		20.92
Heptane	28.1	4.18	--	115	17.1	--		20.92
cis-1,3-Dichloropropene	ND	4.18	--	ND	19.0	--		20.92
4-Methyl-2-pentanone	ND	10.5	--	ND	43.0	--		20.92
trans-1,3-Dichloropropene	ND	4.18	--	ND	19.0	--		20.92
1,1,2-Trichloroethane	ND	4.18	--	ND	22.8	--		20.92
Toluene	16.3	4.18	--	61.4	15.8	--		20.92
2-Hexanone	ND	4.18	--	ND	17.1	--		20.92
Dibromochloromethane	ND	4.18	--	ND	35.6	--		20.92
1,2-Dibromoethane	ND	4.18	--	ND	32.1	--		20.92
Tetrachloroethene	ND	4.18	--	ND	28.3	--		20.92
Chlorobenzene	ND	4.18	--	ND	19.3	--		20.92
Ethylbenzene	ND	4.18	--	ND	18.2	--		20.92
p/m-Xylene	10.9	8.37	--	47.3	36.4	--		20.92
Bromoform	ND	4.18	--	ND	43.2	--		20.92
Styrene	ND	4.18	--	ND	17.8	--		20.92



Project Name: DC UNITED**Lab Number:** L1622460**Project Number:** 40223**Report Date:** 07/28/16**SAMPLE RESULTS**

Lab ID: L1622460-12 D
 Client ID: SG-14
 Sample Location: WASHINGTON, D.C.

Date Collected: 07/19/16 15:11
 Date Received: 07/20/16
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
1,1,2,2-Tetrachloroethane	ND	4.18	--	ND	28.7	--		20.92
o-Xylene	5.40	4.18	--	23.5	18.2	--		20.92
4-Ethyltoluene	ND	4.18	--	ND	20.5	--		20.92
1,3,5-Trimethylbenzene	ND	4.18	--	ND	20.5	--		20.92
1,2,4-Trimethylbenzene	6.65	4.18	--	32.7	20.5	--		20.92
Benzyl chloride	ND	4.18	--	ND	21.6	--		20.92
1,3-Dichlorobenzene	ND	4.18	--	ND	25.1	--		20.92
1,4-Dichlorobenzene	ND	4.18	--	ND	25.1	--		20.92
1,2-Dichlorobenzene	ND	4.18	--	ND	25.1	--		20.92
1,2,4-Trichlorobenzene	ND	4.18	--	ND	31.0	--		20.92
Naphthalene	ND	4.18	--	ND	21.9	--		20.92
Hexachlorobutadiene	ND	4.18	--	ND	44.6	--		20.92

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	99		60-140
Bromochloromethane	97		60-140
chlorobenzene-d5	96		60-140



Project Name: DC UNITED**Lab Number:** L1622460**Project Number:** 40223**Report Date:** 07/28/16**SAMPLE RESULTS**

Lab ID: L1622460-12 D
 Client ID: SG-14
 Sample Location: WASHINGTON, D.C.
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 07/27/16 23:51
 Analyst: RY

Date Collected: 07/19/16 15:11
 Date Received: 07/20/16
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	ND	4.18	--	ND	20.7	--		20.92

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	101		60-140
bromochloromethane	101		60-140
chlorobenzene-d5	100		60-140



Project Name: DC UNITED**Lab Number:** L1622460**Project Number:** 40223**Report Date:** 07/28/16**SAMPLE RESULTS**

Lab ID: L1622460-13 D
 Client ID: SG-15
 Sample Location: WASHINGTON, D.C.
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15
 Analytical Date: 07/28/16 00:25
 Analyst: RY

Date Collected: 07/19/16 15:12
 Date Received: 07/20/16
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Propylene	110	1.05	--	189	1.81	--		2.099
Chloromethane	0.478	0.420	--	0.987	0.867	--		2.099
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.420	--	ND	2.94	--		2.099
Vinyl chloride	14.4	0.420	--	36.8	1.07	--		2.099
1,3-Butadiene	1.34	0.420	--	2.96	0.929	--		2.099
Bromomethane	ND	0.420	--	ND	1.63	--		2.099
Chloroethane	ND	0.420	--	ND	1.11	--		2.099
Ethyl Alcohol	14.1	10.5	--	26.6	19.8	--		2.099
Vinyl bromide	ND	0.420	--	ND	1.84	--		2.099
Acetone	ND	2.10	--	ND	4.99	--		2.099
Trichlorofluoromethane	ND	0.420	--	ND	2.36	--		2.099
iso-Propyl Alcohol	3.39	1.05	--	8.33	2.58	--		2.099
1,1-Dichloroethene	ND	0.420	--	ND	1.67	--		2.099
Methylene chloride	51.5	1.05	--	179	3.65	--		2.099
3-Chloropropene	ND	0.420	--	ND	1.31	--		2.099
Carbon disulfide	16.0	0.420	--	49.8	1.31	--		2.099
1,1,2-Trichloro-1,2,2-Trifluoroethane	17.3	0.420	--	133	3.22	--		2.099
trans-1,2-Dichloroethene	0.474	0.420	--	1.88	1.67	--		2.099
1,1-Dichloroethane	ND	0.420	--	ND	1.70	--		2.099
Methyl tert butyl ether	ND	0.420	--	ND	1.51	--		2.099
Vinyl acetate	ND	2.10	--	ND	7.39	--		2.099
2-Butanone	19.6	1.05	--	57.8	3.10	--		2.099
cis-1,2-Dichloroethene	2.81	0.420	--	11.1	1.67	--		2.099
Ethyl Acetate	4.61	1.05	--	16.6	3.78	--		2.099



Project Name: DC UNITED
Project Number: 40223

Lab Number: L1622460
Report Date: 07/28/16

SAMPLE RESULTS

Lab ID: L1622460-13 D
 Client ID: SG-15
 Sample Location: WASHINGTON, D.C.

Date Collected: 07/19/16 15:12
 Date Received: 07/20/16
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Chloroform	ND	0.420	--	ND	2.05	--		2.099
Tetrahydrofuran	ND	1.05	--	ND	3.10	--		2.099
1,2-Dichloroethane	ND	0.420	--	ND	1.70	--		2.099
n-Hexane	26.7	0.420	--	94.1	1.48	--		2.099
1,1,1-Trichloroethane	ND	0.420	--	ND	2.29	--		2.099
Benzene	12.2	0.420	--	39.0	1.34	--		2.099
Carbon tetrachloride	ND	0.420	--	ND	2.64	--		2.099
Cyclohexane	2.86	0.420	--	9.84	1.45	--		2.099
1,2-Dichloropropane	ND	0.420	--	ND	1.94	--		2.099
Bromodichloromethane	ND	0.420	--	ND	2.81	--		2.099
1,4-Dioxane	ND	0.420	--	ND	1.51	--		2.099
Trichloroethene	0.422	0.420	--	2.27	2.26	--		2.099
2,2,4-Trimethylpentane	2.86	0.420	--	13.4	1.96	--		2.099
Heptane	18.4	0.420	--	75.4	1.72	--		2.099
cis-1,3-Dichloropropene	ND	0.420	--	ND	1.91	--		2.099
4-Methyl-2-pentanone	2.37	1.05	--	9.71	4.30	--		2.099
trans-1,3-Dichloropropene	ND	0.420	--	ND	1.91	--		2.099
1,1,2-Trichloroethane	ND	0.420	--	ND	2.29	--		2.099
Toluene	126	0.420	--	475	1.58	--		2.099
2-Hexanone	1.53	0.420	--	6.27	1.72	--		2.099
Dibromochloromethane	ND	0.420	--	ND	3.58	--		2.099
1,2-Dibromoethane	ND	0.420	--	ND	3.23	--		2.099
Tetrachloroethene	3.82	0.420	--	25.9	2.85	--		2.099
Chlorobenzene	ND	0.420	--	ND	1.93	--		2.099
Ethylbenzene	31.9	0.420	--	139	1.82	--		2.099
p/m-Xylene	121	0.839	--	526	3.64	--		2.099
Bromoform	ND	0.420	--	ND	4.34	--		2.099
Styrene	2.76	0.420	--	11.8	1.79	--		2.099



Project Name: DC UNITED**Lab Number:** L1622460**Project Number:** 40223**Report Date:** 07/28/16**SAMPLE RESULTS**

Lab ID: L1622460-13 D
 Client ID: SG-15
 Sample Location: WASHINGTON, D.C.

Date Collected: 07/19/16 15:12
 Date Received: 07/20/16
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
1,1,2,2-Tetrachloroethane	ND	0.420	--	ND	2.88	--		2.099
o-Xylene	38.7	0.420	--	168	1.82	--		2.099
4-Ethyltoluene	18.8	0.420	--	92.4	2.06	--		2.099
1,3,5-Trimethylbenzene	18.7	0.420	--	91.9	2.06	--		2.099
1,2,4-Trimethylbenzene	59.4	0.420	--	292	2.06	--		2.099
Benzyl chloride	ND	0.420	--	ND	2.17	--		2.099
1,3-Dichlorobenzene	ND	0.420	--	ND	2.53	--		2.099
1,4-Dichlorobenzene	ND	0.420	--	ND	2.53	--		2.099
1,2-Dichlorobenzene	ND	0.420	--	ND	2.53	--		2.099
1,2,4-Trichlorobenzene	ND	0.420	--	ND	3.12	--		2.099
Naphthalene	0.774	0.420	--	4.06	2.20	--		2.099
Hexachlorobutadiene	ND	0.420	--	ND	4.48	--		2.099

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	104		60-140
Bromochloromethane	101		60-140
chlorobenzene-d5	101		60-140



Project Name: DC UNITED**Lab Number:** L1622460**Project Number:** 40223**Report Date:** 07/28/16**SAMPLE RESULTS**

Lab ID: L1622460-13 D
Client ID: SG-15
Sample Location: WASHINGTON, D.C.
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15-SIM
Analytical Date: 07/28/16 00:25
Analyst: RY

Date Collected: 07/19/16 15:12
Date Received: 07/20/16
Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	ND	0.420	--	ND	2.08	--		2.099

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	104		60-140
bromochloromethane	102		60-140
chlorobenzene-d5	102		60-140



Project Name: DC UNITED**Lab Number:** L1622460**Project Number:** 40223**Report Date:** 07/28/16**SAMPLE RESULTS**

Lab ID: L1622460-14 D
 Client ID: SG-13
 Sample Location: WASHINGTON, D.C.
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15
 Analytical Date: 07/28/16 10:00
 Analyst: RY

Date Collected: 07/19/16 15:24
 Date Received: 07/20/16
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Propylene	988	69.6	--	1700	120	--		139.2
Chloromethane	ND	27.8	--	ND	57.4	--		139.2
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	27.8	--	ND	194	--		139.2
Vinyl chloride	144	27.8	--	368	71.1	--		139.2
1,3-Butadiene	ND	27.8	--	ND	61.5	--		139.2
Bromomethane	ND	27.8	--	ND	108	--		139.2
Chloroethane	ND	27.8	--	ND	73.4	--		139.2
Ethyl Alcohol	ND	696	--	ND	1310	--		139.2
Vinyl bromide	ND	27.8	--	ND	122	--		139.2
Acetone	ND	139	--	ND	330	--		139.2
Trichlorofluoromethane	ND	27.8	--	ND	156	--		139.2
iso-Propyl Alcohol	ND	69.6	--	ND	171	--		139.2
1,1-Dichloroethene	99.5	27.8	--	395	110	--		139.2
Methylene chloride	132	69.6	--	459	242	--		139.2
3-Chloropropene	ND	27.8	--	ND	87.0	--		139.2
Carbon disulfide	37.2	27.8	--	116	86.6	--		139.2
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	27.8	--	ND	213	--		139.2
trans-1,2-Dichloroethene	250	27.8	--	991	110	--		139.2
1,1-Dichloroethane	ND	27.8	--	ND	113	--		139.2
Methyl tert butyl ether	ND	27.8	--	ND	100	--		139.2
Vinyl acetate	ND	139.	--	ND	489	--		139.2
2-Butanone	ND	69.6	--	ND	205	--		139.2
cis-1,2-Dichloroethene	9390	27.8	--	37200	110	--		139.2
Ethyl Acetate	ND	69.6	--	ND	251	--		139.2



Project Name: DC UNITED**Lab Number:** L1622460**Project Number:** 40223**Report Date:** 07/28/16**SAMPLE RESULTS**

Lab ID: L1622460-14 D
 Client ID: SG-13
 Sample Location: WASHINGTON, D.C.

Date Collected: 07/19/16 15:24
 Date Received: 07/20/16
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Chloroform	ND	27.8	--	ND	136	--		139.2
Tetrahydrofuran	ND	69.6	--	ND	205	--		139.2
1,2-Dichloroethane	ND	27.8	--	ND	113	--		139.2
n-Hexane	422	27.8	--	1490	98.0	--		139.2
1,1,1-Trichloroethane	ND	27.8	--	ND	152	--		139.2
Benzene	148	27.8	--	473	88.8	--		139.2
Carbon tetrachloride	ND	27.8	--	ND	175	--		139.2
Cyclohexane	312	27.8	--	1070	95.7	--		139.2
1,2-Dichloropropane	ND	27.8	--	ND	128	--		139.2
Bromodichloromethane	ND	27.8	--	ND	186	--		139.2
1,4-Dioxane	ND	27.8	--	ND	100	--		139.2
Trichloroethene	1130	27.8	--	6070	149	--		139.2
2,2,4-Trimethylpentane	1870	27.8	--	8730	130	--		139.2
Heptane	74.8	27.8	--	307	114	--		139.2
cis-1,3-Dichloropropene	ND	27.8	--	ND	126	--		139.2
4-Methyl-2-pentanone	ND	69.6	--	ND	285	--		139.2
trans-1,3-Dichloropropene	ND	27.8	--	ND	126	--		139.2
1,1,2-Trichloroethane	ND	27.8	--	ND	152	--		139.2
Toluene	151	27.8	--	569	105	--		139.2
2-Hexanone	ND	27.8	--	ND	114	--		139.2
Dibromochloromethane	ND	27.8	--	ND	237	--		139.2
1,2-Dibromoethane	ND	27.8	--	ND	214	--		139.2
Tetrachloroethene	1520	27.8	--	10300	189	--		139.2
Chlorobenzene	ND	27.8	--	ND	128	--		139.2
Ethylbenzene	ND	27.8	--	ND	121	--		139.2
p/m-Xylene	65.6	55.7	--	285	242	--		139.2
Bromoform	ND	27.8	--	ND	287	--		139.2
Styrene	ND	27.8	--	ND	118	--		139.2



Project Name: DC UNITED**Lab Number:** L1622460**Project Number:** 40223**Report Date:** 07/28/16**SAMPLE RESULTS**

Lab ID: L1622460-14 D
 Client ID: SG-13
 Sample Location: WASHINGTON, D.C.

Date Collected: 07/19/16 15:24
 Date Received: 07/20/16
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
1,1,2,2-Tetrachloroethane	ND	27.8	--	ND	191	--		139.2
o-Xylene	45.4	27.8	--	197	121	--		139.2
4-Ethyltoluene	ND	27.8	--	ND	137	--		139.2
1,3,5-Trimethylbenzene	35.5	27.8	--	175	137	--		139.2
1,2,4-Trimethylbenzene	48.6	27.8	--	239	137	--		139.2
Benzyl chloride	ND	27.8	--	ND	144	--		139.2
1,3-Dichlorobenzene	ND	27.8	--	ND	167	--		139.2
1,4-Dichlorobenzene	ND	27.8	--	ND	167	--		139.2
1,2-Dichlorobenzene	ND	27.8	--	ND	167	--		139.2
1,2,4-Trichlorobenzene	ND	27.8	--	ND	206	--		139.2
Naphthalene	ND	27.8	--	ND	146	--		139.2
Hexachlorobutadiene	ND	27.8	--	ND	297	--		139.2

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	112		60-140
Bromochloromethane	110		60-140
chlorobenzene-d5	114		60-140



Project Name: DC UNITED**Project Number:** 40223**Lab Number:** L1622460**Report Date:** 07/28/16**SAMPLE RESULTS**

Lab ID: L1622460-14 D
 Client ID: SG-13
 Sample Location: WASHINGTON, D.C.
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 07/28/16 10:00
 Analyst: RY

Date Collected: 07/19/16 15:24
 Date Received: 07/20/16
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	ND	27.8	--	ND	137	--		139.2

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	112		60-140
bromochloromethane	111		60-140
chlorobenzene-d5	116		60-140



Project Name: DC UNITED
Project Number: 40223

Lab Number: L1622460
Report Date: 07/28/16

SAMPLE RESULTS

Lab ID: L1622460-15 D
 Client ID: SG-11
 Sample Location: WASHINGTON, D.C.
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15
 Analytical Date: 07/28/16 00:59
 Analyst: RY

Date Collected: 07/19/16 16:01
 Date Received: 07/20/16
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Propylene	122	1.04	--	210	1.79	--		2.085
Chloromethane	ND	0.417	--	ND	0.861	--		2.085
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.417	--	ND	2.91	--		2.085
Vinyl chloride	ND	0.417	--	ND	1.07	--		2.085
1,3-Butadiene	0.442	0.417	--	0.978	0.923	--		2.085
Bromomethane	ND	0.417	--	ND	1.62	--		2.085
Chloroethane	ND	0.417	--	ND	1.10	--		2.085
Ethyl Alcohol	13.2	10.4	--	24.9	19.6	--		2.085
Vinyl bromide	ND	0.417	--	ND	1.82	--		2.085
Acetone	6.35	2.08	--	15.1	4.94	--		2.085
Trichlorofluoromethane	12.1	0.417	--	68.0	2.34	--		2.085
iso-Propyl Alcohol	ND	1.04	--	ND	2.56	--		2.085
1,1-Dichloroethene	ND	0.417	--	ND	1.65	--		2.085
Methylene chloride	2.06	1.04	--	7.16	3.61	--		2.085
3-Chloropropene	ND	0.417	--	ND	1.31	--		2.085
Carbon disulfide	1.45	0.417	--	4.52	1.30	--		2.085
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.417	--	ND	3.20	--		2.085
trans-1,2-Dichloroethene	ND	0.417	--	ND	1.65	--		2.085
1,1-Dichloroethane	ND	0.417	--	ND	1.69	--		2.085
Methyl tert butyl ether	ND	0.417	--	ND	1.50	--		2.085
Vinyl acetate	ND	2.08	--	ND	7.32	--		2.085
2-Butanone	3.56	1.04	--	10.5	3.07	--		2.085
cis-1,2-Dichloroethene	ND	0.417	--	ND	1.65	--		2.085
Ethyl Acetate	ND	1.04	--	ND	3.75	--		2.085



Project Name: DC UNITED
Project Number: 40223

Lab Number: L1622460
Report Date: 07/28/16

SAMPLE RESULTS

Lab ID: L1622460-15 D
 Client ID: SG-11
 Sample Location: WASHINGTON, D.C.

Date Collected: 07/19/16 16:01
 Date Received: 07/20/16
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Chloroform	ND	0.417	--	ND	2.04	--		2.085
Tetrahydrofuran	ND	1.04	--	ND	3.07	--		2.085
1,2-Dichloroethane	ND	0.417	--	ND	1.69	--		2.085
n-Hexane	11.2	0.417	--	39.5	1.47	--		2.085
1,1,1-Trichloroethane	ND	0.417	--	ND	2.28	--		2.085
Benzene	3.33	0.417	--	10.6	1.33	--		2.085
Carbon tetrachloride	ND	0.417	--	ND	2.62	--		2.085
Cyclohexane	1.81	0.417	--	6.23	1.44	--		2.085
1,2-Dichloropropane	ND	0.417	--	ND	1.93	--		2.085
Bromodichloromethane	ND	0.417	--	ND	2.79	--		2.085
1,4-Dioxane	ND	0.417	--	ND	1.50	--		2.085
Trichloroethene	ND	0.417	--	ND	2.24	--		2.085
2,2,4-Trimethylpentane	0.819	0.417	--	3.83	1.95	--		2.085
Heptane	2.03	0.417	--	8.32	1.71	--		2.085
cis-1,3-Dichloropropene	ND	0.417	--	ND	1.89	--		2.085
4-Methyl-2-pentanone	ND	1.04	--	ND	4.26	--		2.085
trans-1,3-Dichloropropene	ND	0.417	--	ND	1.89	--		2.085
1,1,2-Trichloroethane	ND	0.417	--	ND	2.28	--		2.085
Toluene	12.0	0.417	--	45.2	1.57	--		2.085
2-Hexanone	0.823	0.417	--	3.37	1.71	--		2.085
Dibromochloromethane	ND	0.417	--	ND	3.55	--		2.085
1,2-Dibromoethane	ND	0.417	--	ND	3.20	--		2.085
Tetrachloroethene	ND	0.417	--	ND	2.83	--		2.085
Chlorobenzene	ND	0.417	--	ND	1.92	--		2.085
Ethylbenzene	3.49	0.417	--	15.2	1.81	--		2.085
p/m-Xylene	14.0	0.834	--	60.8	3.62	--		2.085
Bromoform	ND	0.417	--	ND	4.31	--		2.085
Styrene	ND	0.417	--	ND	1.78	--		2.085



Project Name: DC UNITED**Lab Number:** L1622460**Project Number:** 40223**Report Date:** 07/28/16**SAMPLE RESULTS**

Lab ID: L1622460-15 D
 Client ID: SG-11
 Sample Location: WASHINGTON, D.C.

Date Collected: 07/19/16 16:01
 Date Received: 07/20/16
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
1,1,2,2-Tetrachloroethane	ND	0.417	--	ND	2.86	--		2.085
o-Xylene	5.64	0.417	--	24.5	1.81	--		2.085
4-Ethyltoluene	3.06	0.417	--	15.0	2.05	--		2.085
1,3,5-Trimethylbenzene	3.78	0.417	--	18.6	2.05	--		2.085
1,2,4-Trimethylbenzene	12.0	0.417	--	59.0	2.05	--		2.085
Benzyl chloride	ND	0.417	--	ND	2.16	--		2.085
1,3-Dichlorobenzene	ND	0.417	--	ND	2.51	--		2.085
1,4-Dichlorobenzene	ND	0.417	--	ND	2.51	--		2.085
1,2-Dichlorobenzene	ND	0.417	--	ND	2.51	--		2.085
1,2,4-Trichlorobenzene	ND	0.417	--	ND	3.10	--		2.085
Naphthalene	0.894	0.417	--	4.69	2.19	--		2.085
Hexachlorobutadiene	ND	0.417	--	ND	4.45	--		2.085

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	108		60-140
Bromochloromethane	102		60-140
chlorobenzene-d5	103		60-140



Project Name: DC UNITED**Lab Number:** L1622460**Project Number:** 40223**Report Date:** 07/28/16**SAMPLE RESULTS**

Lab ID: L1622460-15 D
 Client ID: SG-11
 Sample Location: WASHINGTON, D.C.
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 07/28/16 00:59
 Analyst: RY

Date Collected: 07/19/16 16:01
 Date Received: 07/20/16
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	0.421	0.417	--	2.08	2.06	--		2.085

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	107		60-140
bromochloromethane	103		60-140
chlorobenzene-d5	104		60-140



Project Name: DC UNITED**Lab Number:** L1622460**Project Number:** 40223**Report Date:** 07/28/16**SAMPLE RESULTS**

Lab ID: L1622460-16 D
 Client ID: SG-11-DUP
 Sample Location: WASHINGTON, D.C.
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15
 Analytical Date: 07/28/16 01:32
 Analyst: RY

Date Collected: 07/19/16 16:02
 Date Received: 07/20/16
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Propylene	126	1.30	--	217	2.24	--		2.596
Chloromethane	ND	0.519	--	ND	1.07	--		2.596
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.519	--	ND	3.63	--		2.596
Vinyl chloride	ND	0.519	--	ND	1.33	--		2.596
1,3-Butadiene	0.688	0.519	--	1.52	1.15	--		2.596
Bromomethane	ND	0.519	--	ND	2.02	--		2.596
Chloroethane	ND	0.519	--	ND	1.37	--		2.596
Ethyl Alcohol	15.5	13.0	--	29.2	24.5	--		2.596
Vinyl bromide	ND	0.519	--	ND	2.27	--		2.596
Acetone	13.6	2.60	--	32.3	6.18	--		2.596
Trichlorofluoromethane	12.5	0.519	--	70.2	2.92	--		2.596
iso-Propyl Alcohol	1.39	1.30	--	3.42	3.20	--		2.596
1,1-Dichloroethene	ND	0.519	--	ND	2.06	--		2.596
Methylene chloride	2.18	1.30	--	7.57	4.52	--		2.596
3-Chloropropene	ND	0.519	--	ND	1.62	--		2.596
Carbon disulfide	1.36	0.519	--	4.24	1.62	--		2.596
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.519	--	ND	3.98	--		2.596
trans-1,2-Dichloroethene	ND	0.519	--	ND	2.06	--		2.596
1,1-Dichloroethane	ND	0.519	--	ND	2.10	--		2.596
Methyl tert butyl ether	ND	0.519	--	ND	1.87	--		2.596
Vinyl acetate	ND	2.60	--	ND	9.15	--		2.596
2-Butanone	4.48	1.30	--	13.2	3.83	--		2.596
cis-1,2-Dichloroethene	ND	0.519	--	ND	2.06	--		2.596
Ethyl Acetate	ND	1.30	--	ND	4.68	--		2.596



Project Name: DC UNITED
Project Number: 40223

Lab Number: L1622460
Report Date: 07/28/16

SAMPLE RESULTS

Lab ID: L1622460-16 D
 Client ID: SG-11-DUP
 Sample Location: WASHINGTON, D.C.

Date Collected: 07/19/16 16:02
 Date Received: 07/20/16
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Chloroform	ND	0.519	--	ND	2.53	--		2.596
Tetrahydrofuran	ND	1.30	--	ND	3.83	--		2.596
1,2-Dichloroethane	ND	0.519	--	ND	2.10	--		2.596
n-Hexane	11.5	0.519	--	40.5	1.83	--		2.596
1,1,1-Trichloroethane	ND	0.519	--	ND	2.83	--		2.596
Benzene	3.40	0.519	--	10.9	1.66	--		2.596
Carbon tetrachloride	ND	0.519	--	ND	3.26	--		2.596
Cyclohexane	1.90	0.519	--	6.54	1.79	--		2.596
1,2-Dichloropropane	ND	0.519	--	ND	2.40	--		2.596
Bromodichloromethane	ND	0.519	--	ND	3.48	--		2.596
1,4-Dioxane	ND	0.519	--	ND	1.87	--		2.596
Trichloroethene	ND	0.519	--	ND	2.79	--		2.596
2,2,4-Trimethylpentane	0.859	0.519	--	4.01	2.42	--		2.596
Heptane	2.12	0.519	--	8.69	2.13	--		2.596
cis-1,3-Dichloropropene	ND	0.519	--	ND	2.36	--		2.596
4-Methyl-2-pentanone	ND	1.30	--	ND	5.33	--		2.596
trans-1,3-Dichloropropene	ND	0.519	--	ND	2.36	--		2.596
1,1,2-Trichloroethane	ND	0.519	--	ND	2.83	--		2.596
Toluene	12.1	0.519	--	45.6	1.96	--		2.596
2-Hexanone	0.919	0.519	--	3.77	2.13	--		2.596
Dibromochloromethane	ND	0.519	--	ND	4.42	--		2.596
1,2-Dibromoethane	ND	0.519	--	ND	3.99	--		2.596
Tetrachloroethene	ND	0.519	--	ND	3.52	--		2.596
Chlorobenzene	ND	0.519	--	ND	2.39	--		2.596
Ethylbenzene	3.56	0.519	--	15.5	2.25	--		2.596
p/m-Xylene	14.0	1.04	--	60.8	4.52	--		2.596
Bromoform	ND	0.519	--	ND	5.37	--		2.596
Styrene	ND	0.519	--	ND	2.21	--		2.596



Project Name: DC UNITED**Lab Number:** L1622460**Project Number:** 40223**Report Date:** 07/28/16**SAMPLE RESULTS**

Lab ID: L1622460-16 D
 Client ID: SG-11-DUP
 Sample Location: WASHINGTON, D.C.

Date Collected: 07/19/16 16:02
 Date Received: 07/20/16
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
1,1,2,2-Tetrachloroethane	ND	0.519	--	ND	3.56	--		2.596
o-Xylene	5.72	0.519	--	24.8	2.25	--		2.596
4-Ethyltoluene	3.06	0.519	--	15.0	2.55	--		2.596
1,3,5-Trimethylbenzene	3.68	0.519	--	18.1	2.55	--		2.596
1,2,4-Trimethylbenzene	11.9	0.519	--	58.5	2.55	--		2.596
Benzyl chloride	ND	0.519	--	ND	2.69	--		2.596
1,3-Dichlorobenzene	ND	0.519	--	ND	3.12	--		2.596
1,4-Dichlorobenzene	ND	0.519	--	ND	3.12	--		2.596
1,2-Dichlorobenzene	ND	0.519	--	ND	3.12	--		2.596
1,2,4-Trichlorobenzene	ND	0.519	--	ND	3.85	--		2.596
Naphthalene	0.893	0.519	--	4.68	2.72	--		2.596
Hexachlorobutadiene	ND	0.519	--	ND	5.54	--		2.596

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	108		60-140
Bromochloromethane	102		60-140
chlorobenzene-d5	100		60-140



Project Name: DC UNITED**Lab Number:** L1622460**Project Number:** 40223**Report Date:** 07/28/16**SAMPLE RESULTS**

Lab ID: L1622460-16 D
Client ID: SG-11-DUP
Sample Location: WASHINGTON, D.C.
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15-SIM
Analytical Date: 07/28/16 01:32
Analyst: RY

Date Collected: 07/19/16 16:02
Date Received: 07/20/16
Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	ND	0.519	--	ND	2.57	--		2.596

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	108		60-140
bromochloromethane	103		60-140
chlorobenzene-d5	102		60-140



Project Name: DC UNITED
Project Number: 40223

Lab Number: L1622460
Report Date: 07/28/16

SAMPLE RESULTS

Lab ID: L1622460-17 D
 Client ID: SG-04
 Sample Location: WASHINGTON, D.C.
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15
 Analytical Date: 07/28/16 02:06
 Analyst: RY

Date Collected: 07/19/16 16:17
 Date Received: 07/20/16
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Propylene	1.28	1.05	--	2.20	1.81	--		2.106
Chloromethane	ND	0.421	--	ND	0.869	--		2.106
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.421	--	ND	2.94	--		2.106
Vinyl chloride	ND	0.421	--	ND	1.08	--		2.106
1,3-Butadiene	ND	0.421	--	ND	0.931	--		2.106
Bromomethane	ND	0.421	--	ND	1.63	--		2.106
Chloroethane	ND	0.421	--	ND	1.11	--		2.106
Ethyl Alcohol	ND	10.5	--	ND	19.8	--		2.106
Vinyl bromide	ND	0.421	--	ND	1.84	--		2.106
Acetone	4.40	2.11	--	10.5	5.01	--		2.106
Trichlorofluoromethane	36.4	0.421	--	205	2.37	--		2.106
iso-Propyl Alcohol	ND	1.05	--	ND	2.58	--		2.106
1,1-Dichloroethene	ND	0.421	--	ND	1.67	--		2.106
Methylene chloride	ND	1.05	--	ND	3.65	--		2.106
3-Chloropropene	ND	0.421	--	ND	1.32	--		2.106
Carbon disulfide	ND	0.421	--	ND	1.31	--		2.106
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.421	--	ND	3.23	--		2.106
trans-1,2-Dichloroethene	ND	0.421	--	ND	1.67	--		2.106
1,1-Dichloroethane	ND	0.421	--	ND	1.70	--		2.106
Methyl tert butyl ether	ND	0.421	--	ND	1.52	--		2.106
Vinyl acetate	ND	2.11	--	ND	7.43	--		2.106
2-Butanone	2.48	1.05	--	7.31	3.10	--		2.106
cis-1,2-Dichloroethene	ND	0.421	--	ND	1.67	--		2.106
Ethyl Acetate	ND	1.05	--	ND	3.78	--		2.106



Project Name: DC UNITED
Project Number: 40223

Lab Number: L1622460
Report Date: 07/28/16

SAMPLE RESULTS

Lab ID: L1622460-17 D
 Client ID: SG-04
 Sample Location: WASHINGTON, D.C.

Date Collected: 07/19/16 16:17
 Date Received: 07/20/16
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Chloroform	1.04	0.421	--	5.08	2.06	--		2.106
Tetrahydrofuran	ND	1.05	--	ND	3.10	--		2.106
1,2-Dichloroethane	ND	0.421	--	ND	1.70	--		2.106
n-Hexane	1.99	0.421	--	7.01	1.48	--		2.106
1,1,1-Trichloroethane	ND	0.421	--	ND	2.30	--		2.106
Benzene	ND	0.421	--	ND	1.34	--		2.106
Carbon tetrachloride	ND	0.421	--	ND	2.65	--		2.106
Cyclohexane	1.21	0.421	--	4.16	1.45	--		2.106
1,2-Dichloropropane	ND	0.421	--	ND	1.95	--		2.106
Bromodichloromethane	ND	0.421	--	ND	2.82	--		2.106
1,4-Dioxane	ND	0.421	--	ND	1.52	--		2.106
Trichloroethene	ND	0.421	--	ND	2.26	--		2.106
2,2,4-Trimethylpentane	ND	0.421	--	ND	1.97	--		2.106
Heptane	1.74	0.421	--	7.13	1.73	--		2.106
cis-1,3-Dichloropropene	ND	0.421	--	ND	1.91	--		2.106
4-Methyl-2-pentanone	ND	1.05	--	ND	4.30	--		2.106
trans-1,3-Dichloropropene	ND	0.421	--	ND	1.91	--		2.106
1,1,2-Trichloroethane	ND	0.421	--	ND	2.30	--		2.106
Toluene	0.708	0.421	--	2.67	1.59	--		2.106
2-Hexanone	ND	0.421	--	ND	1.73	--		2.106
Dibromochloromethane	ND	0.421	--	ND	3.59	--		2.106
1,2-Dibromoethane	ND	0.421	--	ND	3.24	--		2.106
Tetrachloroethene	0.659	0.421	--	4.47	2.85	--		2.106
Chlorobenzene	ND	0.421	--	ND	1.94	--		2.106
Ethylbenzene	ND	0.421	--	ND	1.83	--		2.106
p/m-Xylene	1.47	0.842	--	6.39	3.66	--		2.106
Bromoform	ND	0.421	--	ND	4.35	--		2.106
Styrene	ND	0.421	--	ND	1.79	--		2.106



Project Name: DC UNITED**Lab Number:** L1622460**Project Number:** 40223**Report Date:** 07/28/16**SAMPLE RESULTS**

Lab ID: L1622460-17 D
 Client ID: SG-04
 Sample Location: WASHINGTON, D.C.

Date Collected: 07/19/16 16:17
 Date Received: 07/20/16
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
1,1,2,2-Tetrachloroethane	ND	0.421	--	ND	2.89	--		2.106
o-Xylene	0.642	0.421	--	2.79	1.83	--		2.106
4-Ethyltoluene	0.436	0.421	--	2.14	2.07	--		2.106
1,3,5-Trimethylbenzene	0.585	0.421	--	2.88	2.07	--		2.106
1,2,4-Trimethylbenzene	2.11	0.421	--	10.4	2.07	--		2.106
Benzyl chloride	ND	0.421	--	ND	2.18	--		2.106
1,3-Dichlorobenzene	ND	0.421	--	ND	2.53	--		2.106
1,4-Dichlorobenzene	ND	0.421	--	ND	2.53	--		2.106
1,2-Dichlorobenzene	ND	0.421	--	ND	2.53	--		2.106
1,2,4-Trichlorobenzene	ND	0.421	--	ND	3.13	--		2.106
Naphthalene	0.478	0.421	--	2.51	2.21	--		2.106
Hexachlorobutadiene	ND	0.421	--	ND	4.49	--		2.106

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	106		60-140
Bromochloromethane	100		60-140
chlorobenzene-d5	96		60-140



Project Name: DC UNITED**Lab Number:** L1622460**Project Number:** 40223**Report Date:** 07/28/16**SAMPLE RESULTS**

Lab ID: L1622460-17 D
 Client ID: SG-04
 Sample Location: WASHINGTON, D.C.
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 07/28/16 02:06
 Analyst: RY

Date Collected: 07/19/16 16:17
 Date Received: 07/20/16
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	9.86	0.421	--	48.8	2.08	--		2.106

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	104		60-140
bromochloromethane	102		60-140
chlorobenzene-d5	99		60-140



Project Name: DC UNITED**Lab Number:** L1622460**Project Number:** 40223**Report Date:** 07/28/16**SAMPLE RESULTS**

Lab ID: L1622460-18 D
 Client ID: SG-05
 Sample Location: WASHINGTON, D.C.
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15
 Analytical Date: 07/28/16 02:41
 Analyst: RY

Date Collected: 07/19/16 16:46
 Date Received: 07/20/16
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Propylene	4.04	1.05	--	6.95	1.81	--		2.106
Chloromethane	ND	0.421	--	ND	0.869	--		2.106
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.421	--	ND	2.94	--		2.106
Vinyl chloride	ND	0.421	--	ND	1.08	--		2.106
1,3-Butadiene	ND	0.421	--	ND	0.931	--		2.106
Bromomethane	ND	0.421	--	ND	1.63	--		2.106
Chloroethane	ND	0.421	--	ND	1.11	--		2.106
Ethyl Alcohol	ND	10.5	--	ND	19.8	--		2.106
Vinyl bromide	ND	0.421	--	ND	1.84	--		2.106
Acetone	42.9	2.11	--	102	5.01	--		2.106
Trichlorofluoromethane	8.04	0.421	--	45.2	2.37	--		2.106
iso-Propyl Alcohol	ND	1.05	--	ND	2.58	--		2.106
1,1-Dichloroethene	ND	0.421	--	ND	1.67	--		2.106
Methylene chloride	1.78	1.05	--	6.18	3.65	--		2.106
3-Chloropropene	ND	0.421	--	ND	1.32	--		2.106
Carbon disulfide	ND	0.421	--	ND	1.31	--		2.106
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.421	--	ND	3.23	--		2.106
trans-1,2-Dichloroethene	ND	0.421	--	ND	1.67	--		2.106
1,1-Dichloroethane	ND	0.421	--	ND	1.70	--		2.106
Methyl tert butyl ether	ND	0.421	--	ND	1.52	--		2.106
Vinyl acetate	ND	2.11	--	ND	7.43	--		2.106
2-Butanone	8.45	1.05	--	24.9	3.10	--		2.106
cis-1,2-Dichloroethene	ND	0.421	--	ND	1.67	--		2.106
Ethyl Acetate	ND	1.05	--	ND	3.78	--		2.106



Project Name: DC UNITED
Project Number: 40223

Lab Number: L1622460
Report Date: 07/28/16

SAMPLE RESULTS

Lab ID: L1622460-18 D
 Client ID: SG-05
 Sample Location: WASHINGTON, D.C.

Date Collected: 07/19/16 16:46
 Date Received: 07/20/16
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Chloroform	26.9	0.421	--	131	2.06	--		2.106
Tetrahydrofuran	ND	1.05	--	ND	3.10	--		2.106
1,2-Dichloroethane	ND	0.421	--	ND	1.70	--		2.106
n-Hexane	ND	0.421	--	ND	1.48	--		2.106
1,1,1-Trichloroethane	ND	0.421	--	ND	2.30	--		2.106
Benzene	ND	0.421	--	ND	1.34	--		2.106
Carbon tetrachloride	ND	0.421	--	ND	2.65	--		2.106
Cyclohexane	1.55	0.421	--	5.34	1.45	--		2.106
1,2-Dichloropropane	ND	0.421	--	ND	1.95	--		2.106
Bromodichloromethane	3.20	0.421	--	21.4	2.82	--		2.106
1,4-Dioxane	ND	0.421	--	ND	1.52	--		2.106
Trichloroethene	ND	0.421	--	ND	2.26	--		2.106
2,2,4-Trimethylpentane	ND	0.421	--	ND	1.97	--		2.106
Heptane	ND	0.421	--	ND	1.73	--		2.106
cis-1,3-Dichloropropene	ND	0.421	--	ND	1.91	--		2.106
4-Methyl-2-pentanone	ND	1.05	--	ND	4.30	--		2.106
trans-1,3-Dichloropropene	ND	0.421	--	ND	1.91	--		2.106
1,1,2-Trichloroethane	ND	0.421	--	ND	2.30	--		2.106
Toluene	2.43	0.421	--	9.16	1.59	--		2.106
2-Hexanone	0.499	0.421	--	2.04	1.73	--		2.106
Dibromochloromethane	ND	0.421	--	ND	3.59	--		2.106
1,2-Dibromoethane	ND	0.421	--	ND	3.24	--		2.106
Tetrachloroethene	0.524	0.421	--	3.55	2.85	--		2.106
Chlorobenzene	ND	0.421	--	ND	1.94	--		2.106
Ethylbenzene	0.828	0.421	--	3.60	1.83	--		2.106
p/m-Xylene	3.10	0.842	--	13.5	3.66	--		2.106
Bromoform	ND	0.421	--	ND	4.35	--		2.106
Styrene	ND	0.421	--	ND	1.79	--		2.106



Project Name: DC UNITED**Lab Number:** L1622460**Project Number:** 40223**Report Date:** 07/28/16**SAMPLE RESULTS**

Lab ID: L1622460-18 D
 Client ID: SG-05
 Sample Location: WASHINGTON, D.C.

Date Collected: 07/19/16 16:46
 Date Received: 07/20/16
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
1,1,2,2-Tetrachloroethane	ND	0.421	--	ND	2.89	--		2.106
o-Xylene	1.18	0.421	--	5.13	1.83	--		2.106
4-Ethyltoluene	0.611	0.421	--	3.00	2.07	--		2.106
1,3,5-Trimethylbenzene	0.680	0.421	--	3.34	2.07	--		2.106
1,2,4-Trimethylbenzene	2.38	0.421	--	11.7	2.07	--		2.106
Benzyl chloride	ND	0.421	--	ND	2.18	--		2.106
1,3-Dichlorobenzene	ND	0.421	--	ND	2.53	--		2.106
1,4-Dichlorobenzene	ND	0.421	--	ND	2.53	--		2.106
1,2-Dichlorobenzene	ND	0.421	--	ND	2.53	--		2.106
1,2,4-Trichlorobenzene	ND	0.421	--	ND	3.13	--		2.106
Naphthalene	ND	0.421	--	ND	2.21	--		2.106
Hexachlorobutadiene	ND	0.421	--	ND	4.49	--		2.106

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	100		60-140
Bromochloromethane	94		60-140
chlorobenzene-d5	94		60-140



Project Name: DC UNITED**Lab Number:** L1622460**Project Number:** 40223**Report Date:** 07/28/16**SAMPLE RESULTS**

Lab ID: L1622460-18 D
Client ID: SG-05
Sample Location: WASHINGTON, D.C.
Matrix: Soil_Vapor
Analytical Method: 48,TO-15-SIM
Analytical Date: 07/28/16 02:41
Analyst: RY

Date Collected: 07/19/16 16:46
Date Received: 07/20/16
Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	0.800	0.421	--	3.96	2.08	--		2.106

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	100		60-140
bromochloromethane	97		60-140
chlorobenzene-d5	97		60-140



Project Name: DC UNITED
Project Number: 40223

Lab Number: L1622460
Report Date: 07/28/16

SAMPLE RESULTS

Lab ID: L1622460-19 D
 Client ID: SG-12-DUP
 Sample Location: WASHINGTON, D.C.
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15
 Analytical Date: 07/28/16 03:12
 Analyst: RY

Date Collected: 07/20/16 12:04
 Date Received: 07/20/16
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Propylene	417	5.21	--	718	8.97	--		10.42
Chloromethane	ND	2.08	--	ND	4.30	--		10.42
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	2.08	--	ND	14.5	--		10.42
Vinyl chloride	ND	2.08	--	ND	5.32	--		10.42
1,3-Butadiene	18.1	2.08	--	40.0	4.60	--		10.42
Bromomethane	ND	2.08	--	ND	8.08	--		10.42
Chloroethane	ND	2.08	--	ND	5.49	--		10.42
Ethyl Alcohol	ND	52.1	--	ND	98.2	--		10.42
Vinyl bromide	ND	2.08	--	ND	9.09	--		10.42
Acetone	75.2	10.4	--	179	24.7	--		10.42
Trichlorofluoromethane	ND	2.08	--	ND	11.7	--		10.42
iso-Propyl Alcohol	ND	5.21	--	ND	12.8	--		10.42
1,1-Dichloroethene	ND	2.08	--	ND	8.25	--		10.42
Methylene chloride	ND	5.21	--	ND	18.1	--		10.42
3-Chloropropene	ND	2.08	--	ND	6.51	--		10.42
Carbon disulfide	ND	2.08	--	ND	6.48	--		10.42
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	2.08	--	ND	15.9	--		10.42
trans-1,2-Dichloroethene	ND	2.08	--	ND	8.25	--		10.42
1,1-Dichloroethane	ND	2.08	--	ND	8.42	--		10.42
Methyl tert butyl ether	ND	2.08	--	ND	7.50	--		10.42
Vinyl acetate	ND	10.4	--	ND	36.6	--		10.42
2-Butanone	13.8	5.21	--	40.7	15.4	--		10.42
cis-1,2-Dichloroethene	ND	2.08	--	ND	8.25	--		10.42
Ethyl Acetate	ND	5.21	--	ND	18.8	--		10.42



Project Name: DC UNITED
Project Number: 40223

Lab Number: L1622460
Report Date: 07/28/16

SAMPLE RESULTS

Lab ID: L1622460-19 D
 Client ID: SG-12-DUP
 Sample Location: WASHINGTON, D.C.

Date Collected: 07/20/16 12:04
 Date Received: 07/20/16
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Chloroform	ND	2.08	--	ND	10.2	--		10.42
Tetrahydrofuran	ND	5.21	--	ND	15.4	--		10.42
1,2-Dichloroethane	ND	2.08	--	ND	8.42	--		10.42
n-Hexane	27.6	2.08	--	97.3	7.33	--		10.42
1,1,1-Trichloroethane	ND	2.08	--	ND	11.3	--		10.42
Benzene	9.53	2.08	--	30.4	6.64	--		10.42
Carbon tetrachloride	ND	2.08	--	ND	13.1	--		10.42
Cyclohexane	2.79	2.08	--	9.60	7.16	--		10.42
1,2-Dichloropropane	ND	2.08	--	ND	9.61	--		10.42
Bromodichloromethane	ND	2.08	--	ND	13.9	--		10.42
1,4-Dioxane	ND	2.08	--	ND	7.50	--		10.42
Trichloroethene	ND	2.08	--	ND	11.2	--		10.42
2,2,4-Trimethylpentane	ND	2.08	--	ND	9.72	--		10.42
Heptane	11.6	2.08	--	47.5	8.52	--		10.42
cis-1,3-Dichloropropene	ND	2.08	--	ND	9.44	--		10.42
4-Methyl-2-pentanone	ND	5.21	--	ND	21.4	--		10.42
trans-1,3-Dichloropropene	ND	2.08	--	ND	9.44	--		10.42
1,1,2-Trichloroethane	ND	2.08	--	ND	11.3	--		10.42
Toluene	8.28	2.08	--	31.2	7.84	--		10.42
2-Hexanone	ND	2.08	--	ND	8.52	--		10.42
Dibromochloromethane	ND	2.08	--	ND	17.7	--		10.42
1,2-Dibromoethane	ND	2.08	--	ND	16.0	--		10.42
Tetrachloroethene	ND	2.08	--	ND	14.1	--		10.42
Chlorobenzene	ND	2.08	--	ND	9.58	--		10.42
Ethylbenzene	2.44	2.08	--	10.6	9.03	--		10.42
p/m-Xylene	8.50	4.17	--	36.9	18.1	--		10.42
Bromoform	ND	2.08	--	ND	21.5	--		10.42
Styrene	ND	2.08	--	ND	8.86	--		10.42



Project Name: DC UNITED**Lab Number:** L1622460**Project Number:** 40223**Report Date:** 07/28/16**SAMPLE RESULTS**

Lab ID: L1622460-19 D
 Client ID: SG-12-DUP
 Sample Location: WASHINGTON, D.C.

Date Collected: 07/20/16 12:04
 Date Received: 07/20/16
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
1,1,2,2-Tetrachloroethane	ND	2.08	--	ND	14.3	--		10.42
o-Xylene	3.48	2.08	--	15.1	9.03	--		10.42
4-Ethyltoluene	ND	2.08	--	ND	10.2	--		10.42
1,3,5-Trimethylbenzene	2.26	2.08	--	11.1	10.2	--		10.42
1,2,4-Trimethylbenzene	6.74	2.08	--	33.1	10.2	--		10.42
Benzyl chloride	ND	2.08	--	ND	10.8	--		10.42
1,3-Dichlorobenzene	ND	2.08	--	ND	12.5	--		10.42
1,4-Dichlorobenzene	ND	2.08	--	ND	12.5	--		10.42
1,2-Dichlorobenzene	ND	2.08	--	ND	12.5	--		10.42
1,2,4-Trichlorobenzene	ND	2.08	--	ND	15.4	--		10.42
Naphthalene	ND	2.08	--	ND	10.9	--		10.42
Hexachlorobutadiene	ND	2.08	--	ND	22.2	--		10.42

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	102		60-140
Bromochloromethane	98		60-140
chlorobenzene-d5	97		60-140



Project Name: DC UNITED**Lab Number:** L1622460**Project Number:** 40223**Report Date:** 07/28/16**SAMPLE RESULTS**

Lab ID: L1622460-19 D
Client ID: SG-12-DUP
Sample Location: WASHINGTON, D.C.
Matrix: Soil_Vapor
Analytical Method: 48,TO-15-SIM
Analytical Date: 07/28/16 03:12
Analyst: RY

Date Collected: 07/20/16 12:04
Date Received: 07/20/16
Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	ND	2.08	--	ND	10.3	--		10.42

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	102		60-140
bromochloromethane	100		60-140
chlorobenzene-d5	98		60-140



Project Name: DC UNITED

Lab Number: L1622460

Project Number: 40223

Report Date: 07/28/16

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15

Analytical Date: 07/27/16 16:05

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab for sample(s): 01,03-19 Batch: WG917550-4								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethyl Alcohol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
iso-Propyl Alcohol	ND	0.500	--	ND	1.23	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
tert-Butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1



Project Name: DC UNITED

Lab Number: L1622460

Project Number: 40223

Report Date: 07/28/16

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15

Analytical Date: 07/27/16 16:05

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab for sample(s): 01,03-19 Batch: WG917550-4								
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Isopropyl Ether	ND	0.200	--	ND	0.836	--		1
Ethyl-Tert-Butyl-Ether	ND	0.200	--	ND	0.836	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
Tertiary-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1



Project Name: DC UNITED

Lab Number: L1622460

Project Number: 40223

Report Date: 07/28/16

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15

Analytical Date: 07/27/16 16:05

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab for sample(s): 01,03-19 Batch: WG917550-4								
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl Acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1



Project Name: DC UNITED

Lab Number: L1622460

Project Number: 40223

Report Date: 07/28/16

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15

Analytical Date: 07/27/16 16:05

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab for sample(s): 01,03-19 Batch: WG917550-4								
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane (C9)	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1
o-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
p-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane (C10)	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane (C12)	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1



Project Name: DC UNITED

Lab Number: L1622460

Project Number: 40223

Report Date: 07/28/16

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15

Analytical Date: 07/27/16 16:05

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab for sample(s): 01,03-19 Batch: WG917550-4								
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1



Project Name: DC UNITED

Lab Number: L1622460

Project Number: 40223

Report Date: 07/28/16

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15-SIM

Analytical Date: 07/27/16 16:05

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab for sample(s): 01,03-19 Batch: WG917552-4								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1



Lab Control Sample Analysis

Batch Quality Control

Project Name: DC UNITED

Project Number: 40223

Lab Number: L1622460

Report Date: 07/28/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01,03-19 Batch: WG917550-3								
Chlorodifluoromethane	88		-		70-130	-		
Propylene	89		-		70-130	-		
Propane	77		-		70-130	-		
Chloromethane	96		-		70-130	-		
1,2-Dichloro-1,1,2,2-tetrafluoroethane	86		-		70-130	-		
Methanol	88		-		70-130	-		
Vinyl chloride	96		-		70-130	-		
1,3-Butadiene	101		-		70-130	-		
Butane	86		-		70-130	-		
Bromomethane	95		-		70-130	-		
Chloroethane	96		-		70-130	-		
Ethyl Alcohol	94		-		70-130	-		
Dichlorofluoromethane	89		-		70-130	-		
Vinyl bromide	98		-		70-130	-		
Acrolein	88		-		70-130	-		
Acetone	95		-		70-130	-		
Acetonitrile	85		-		70-130	-		
Trichlorofluoromethane	100		-		70-130	-		
iso-Propyl Alcohol	88		-		70-130	-		
Acrylonitrile	93		-		70-130	-		
Pentane	87		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: DC UNITED

Project Number: 40223

Lab Number: L1622460

Report Date: 07/28/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01,03-19 Batch: WG917550-3								
Ethyl ether	93		-		70-130	-		
1,1-Dichloroethene	93		-		70-130	-		
tert-Butyl Alcohol	84		-		70-130	-		
Methylene chloride	97		-		70-130	-		
3-Chloropropene	98		-		70-130	-		
Carbon disulfide	91		-		70-130	-		
1,1,2-Trichloro-1,2,2-Trifluoroethane	95		-		70-130	-		
trans-1,2-Dichloroethene	86		-		70-130	-		
1,1-Dichloroethane	94		-		70-130	-		
Methyl tert butyl ether	94		-		70-130	-		
Vinyl acetate	115		-		70-130	-		
2-Butanone	97		-		70-130	-		
cis-1,2-Dichloroethene	103		-		70-130	-		
Ethyl Acetate	101		-		70-130	-		
Chloroform	98		-		70-130	-		
Tetrahydrofuran	92		-		70-130	-		
2,2-Dichloropropane	88		-		70-130	-		
1,2-Dichloroethane	93		-		70-130	-		
n-Hexane	96		-		70-130	-		
Isopropyl Ether	88		-		70-130	-		
Ethyl-Tert-Butyl-Ether	90		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: DC UNITED

Project Number: 40223

Lab Number: L1622460

Report Date: 07/28/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01,03-19 Batch: WG917550-3								
1,1,1-Trichloroethane	99		-		70-130	-		
1,1-Dichloropropene	96		-		70-130	-		
Benzene	96		-		70-130	-		
Carbon tetrachloride	97		-		70-130	-		
Cyclohexane	93		-		70-130	-		
Tertiary-Amyl Methyl Ether	92		-		70-130	-		
Dibromomethane	95		-		70-130	-		
1,2-Dichloropropane	99		-		70-130	-		
Bromodichloromethane	104		-		70-130	-		
1,4-Dioxane	98		-		70-130	-		
Trichloroethene	99		-		70-130	-		
2,2,4-Trimethylpentane	98		-		70-130	-		
Methyl Methacrylate	103		-		70-130	-		
Heptane	99		-		70-130	-		
cis-1,3-Dichloropropene	105		-		70-130	-		
4-Methyl-2-pentanone	105		-		70-130	-		
trans-1,3-Dichloropropene	92		-		70-130	-		
1,1,2-Trichloroethane	104		-		70-130	-		
Toluene	111		-		70-130	-		
1,3-Dichloropropane	106		-		70-130	-		
2-Hexanone	128		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: DC UNITED

Project Number: 40223

Lab Number: L1622460

Report Date: 07/28/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01,03-19 Batch: WG917550-3								
Dibromochloromethane	114		-		70-130	-		
1,2-Dibromoethane	113		-		70-130	-		
Butyl Acetate	116		-		70-130	-		
Octane	103		-		70-130	-		
Tetrachloroethene	109		-		70-130	-		
1,1,1,2-Tetrachloroethane	106		-		70-130	-		
Chlorobenzene	110		-		70-130	-		
Ethylbenzene	111		-		70-130	-		
p/m-Xylene	113		-		70-130	-		
Bromoform	115		-		70-130	-		
Styrene	113		-		70-130	-		
1,1,2,2-Tetrachloroethane	122		-		70-130	-		
o-Xylene	117		-		70-130	-		
1,2,3-Trichloropropane	105		-		70-130	-		
Nonane (C9)	104		-		70-130	-		
Isopropylbenzene	110		-		70-130	-		
Bromobenzene	105		-		70-130	-		
o-Chlorotoluene	108		-		70-130	-		
n-Propylbenzene	107		-		70-130	-		
p-Chlorotoluene	108		-		70-130	-		
4-Ethyltoluene	114		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: DC UNITED

Project Number: 40223

Lab Number: L1622460

Report Date: 07/28/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01,03-19 Batch: WG917550-3								
1,3,5-Trimethylbenzene	112		-		70-130	-		
tert-Butylbenzene	113		-		70-130	-		
1,2,4-Trimethylbenzene	122		-		70-130	-		
Decane (C10)	109		-		70-130	-		
Benzyl chloride	132	Q	-		70-130	-		
1,3-Dichlorobenzene	121		-		70-130	-		
1,4-Dichlorobenzene	119		-		70-130	-		
sec-Butylbenzene	113		-		70-130	-		
p-Isopropyltoluene	104		-		70-130	-		
1,2-Dichlorobenzene	118		-		70-130	-		
n-Butylbenzene	117		-		70-130	-		
1,2-Dibromo-3-chloropropane	112		-		70-130	-		
Undecane	114		-		70-130	-		
Dodecane (C12)	133	Q	-		70-130	-		
1,2,4-Trichlorobenzene	135	Q	-		70-130	-		
Naphthalene	120		-		70-130	-		
1,2,3-Trichlorobenzene	120		-		70-130	-		
Hexachlorobutadiene	123		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: DC UNITED

Project Number: 40223

Lab Number: L1622460

Report Date: 07/28/16

Parameter	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>%Recovery</i> Limits	<i>RPD</i>	<i>Qual</i>	<i>RPD</i> Limits
Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 01,03-19 Batch: WG917552-3								
Dichlorodifluoromethane	81		-		70-130	-		25

Lab Duplicate Analysis

Batch Quality Control

Project Name: DC UNITED

Project Number: 40223

Lab Number: L1622460

Report Date: 07/28/16

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01,03-19 QC Batch ID: WG917550-5 QC Sample: L1622460-01 Client ID: SG-06						
Propylene	38.8	33.6	ppbV	14		25
Chloromethane	ND	ND	ppbV	NC		25
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	ND	ppbV	NC		25
Vinyl chloride	ND	ND	ppbV	NC		25
1,3-Butadiene	0.753	0.627	ppbV	18		25
Bromomethane	ND	ND	ppbV	NC		25
Chloroethane	ND	ND	ppbV	NC		25
Ethyl Alcohol	ND	ND	ppbV	NC		25
Vinyl bromide	ND	ND	ppbV	NC		25
Acetone	9.55	11.5	ppbV	19		25
Trichlorofluoromethane	24.3	22.3	ppbV	9		25
iso-Propyl Alcohol	ND	ND	ppbV	NC		25
1,1-Dichloroethene	ND	ND	ppbV	NC		25
Methylene chloride	ND	ND	ppbV	NC		25
3-Chloropropene	ND	ND	ppbV	NC		25
Carbon disulfide	ND	ND	ppbV	NC		25
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	ND	ppbV	NC		25
trans-1,2-Dichloroethene	ND	ND	ppbV	NC		25
1,1-Dichloroethane	ND	ND	ppbV	NC		25

Lab Duplicate Analysis

Batch Quality Control

Project Name: DC UNITED

Project Number: 40223

Lab Number: L1622460

Report Date: 07/28/16

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01,03-19 QC Batch ID: WG917550-5 QC Sample: L1622460-01 Client ID: SG-06					
Methyl tert butyl ether	ND	ND	ppbV	NC	25
Vinyl acetate	ND	ND	ppbV	NC	25
2-Butanone	5.76	5.36	ppbV	7	25
cis-1,2-Dichloroethene	ND	ND	ppbV	NC	25
Ethyl Acetate	ND	ND	ppbV	NC	25
Chloroform	ND	ND	ppbV	NC	25
Tetrahydrofuran	ND	ND	ppbV	NC	25
1,2-Dichloroethane	ND	ND	ppbV	NC	25
n-Hexane	1.52	1.55	ppbV	2	25
1,1,1-Trichloroethane	ND	ND	ppbV	NC	25
Benzene	1.10	1.12	ppbV	2	25
Carbon tetrachloride	ND	ND	ppbV	NC	25
Cyclohexane	1.82	1.80	ppbV	1	25
1,2-Dichloropropane	ND	ND	ppbV	NC	25
Bromodichloromethane	ND	ND	ppbV	NC	25
1,4-Dioxane	ND	ND	ppbV	NC	25
Trichloroethene	1.38	1.29	ppbV	7	25
2,2,4-Trimethylpentane	ND	ND	ppbV	NC	25
Heptane	1.43	1.39	ppbV	3	25

Lab Duplicate Analysis

Batch Quality Control

Project Name: DC UNITED

Project Number: 40223

Lab Number: L1622460

Report Date: 07/28/16

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01,03-19 QC Batch ID: WG917550-5 QC Sample: L1622460-01 Client ID: SG-06					
cis-1,3-Dichloropropene	ND	ND	ppbV	NC	25
4-Methyl-2-pentanone	ND	ND	ppbV	NC	25
trans-1,3-Dichloropropene	ND	ND	ppbV	NC	25
1,1,2-Trichloroethane	ND	ND	ppbV	NC	25
Toluene	1.54	1.48	ppbV	4	25
2-Hexanone	ND	ND	ppbV	NC	25
Dibromochloromethane	ND	ND	ppbV	NC	25
1,2-Dibromoethane	ND	ND	ppbV	NC	25
Tetrachloroethene	17.7	16.7	ppbV	6	25
Chlorobenzene	ND	ND	ppbV	NC	25
Ethylbenzene	0.673	0.629	ppbV	7	25
p/m-Xylene	2.58	2.47	ppbV	4	25
Bromoform	ND	ND	ppbV	NC	25
Styrene	ND	ND	ppbV	NC	25
1,1,2,2-Tetrachloroethane	ND	ND	ppbV	NC	25
o-Xylene	0.963	0.924	ppbV	4	25
4-Ethyltoluene	ND	ND	ppbV	NC	25
1,3,5-Trimethylbenzene	0.539	0.533	ppbV	1	25
1,2,4-Trimethylbenzene	1.83	1.71	ppbV	7	25

Lab Duplicate Analysis

Batch Quality Control

Project Name: DC UNITED

Project Number: 40223

Lab Number: L1622460

Report Date: 07/28/16

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01,03-19 QC Batch ID: WG917550-5 QC Sample: L1622460-01 Client ID: SG-06					
Benzyl chloride	ND	ND	ppbV	NC	25
1,3-Dichlorobenzene	ND	ND	ppbV	NC	25
1,4-Dichlorobenzene	ND	ND	ppbV	NC	25
1,2-Dichlorobenzene	ND	ND	ppbV	NC	25
1,2,4-Trichlorobenzene	ND	ND	ppbV	NC	25
Naphthalene	0.634	0.570	ppbV	11	25
Hexachlorobutadiene	ND	ND	ppbV	NC	25
Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 01,03-19 QC Batch ID: WG917552-5 QC Sample: L1622460-01 Client ID: SG-06					
Dichlorodifluoromethane	0.483	ND	ppbV	NC	25

Project Name: DC UNITED

Serial_No:07281616:29
Lab Number: L1622460

Project Number: 40223

Report Date: 07/28/16

Canister and Flow Controller Information

Samplenum	Client ID	Media ID	Media Type	Date Prepared	Bottle Order	Cleaning Batch ID	Can Leak Check	Initial Pressure (in. Hg)	Pressure on Receipt (in. Hg)	Flow Controller Leak Chk	Flow Out mL/min	Flow In mL/min	% RPD
L1622460-01	SG-06	0693	SV200	07/19/16	225500		-	-	-	Pass	214	128	50
L1622460-01	SG-06	871	1.0L Can	07/19/16	225500	L1619300-01	Pass	-29.6	-1.4	-	-	-	-
L1622460-02	SG-07	0690	SV200	07/19/16	225500		-	-	-	Pass	213	38	139
L1622460-02	SG-07	1500	1.0L Can	07/19/16	225500	L1611408-02	Pass	-29.7	-2.0	-	-	-	-
L1622460-03	SG-18	0502	SV200	07/19/16	225500		-	-	-	Pass	220	206	7
L1622460-03	SG-18	2088	1.0L Can	07/19/16	225500	L1618444-02	Pass	-29.5	-1.2	-	-	-	-
L1622460-04	SG-17	0572	SV200	07/19/16	225500		-	-	-	Pass	219	209	5
L1622460-04	SG-17	1917	1.0L Can	07/19/16	225500	L1617006-02	Pass	-29.7	-1.4	-	-	-	-
L1622460-05	SG-08	0520	SV200	07/19/16	225500		-	-	-	Pass	211	208	1
L1622460-05	SG-08	1911	1.0L Can	07/19/16	225500	L1620400-02	Pass	-29.5	-1.3	-	-	-	-
L1622460-06	SG-09	0668	SV200	07/19/16	225500		-	-	-	Pass	212	209	1
L1622460-06	SG-09	1952	1.0L Can	07/19/16	225500	L1611777-02	Pass	-29.5	-1.1	-	-	-	-
L1622460-07	SG-10	0569	SV200	07/19/16	225500		-	-	-	Pass	210	207	1
L1622460-07	SG-10	1951	1.0L Can	07/19/16	225500	L1611963-02	Pass	-29.7	-0.8	-	-	-	-
L1622460-08	SG-01	0652	SV200	07/19/16	225500		-	-	-	Pass	216	212	2



Project Name: DC UNITED

Serial_No:07281616:29
Lab Number: L1622460

Project Number: 40223

Report Date: 07/28/16

Canister and Flow Controller Information

Samplenum	Client ID	Media ID	Media Type	Date Prepared	Bottle Order	Cleaning Batch ID	Can Leak Check	Initial Pressure (in. Hg)	Pressure on Receipt (in. Hg)	Flow Controller Leak Chk	Flow Out mL/min	Flow In mL/min	% RPD
L1622460-08	SG-01	1499	1.0L Can	07/19/16	225500	L1620807-02	Pass	-29.5	-1.0	-	-	-	-
L1622460-09	SG-02	0604	SV200	07/19/16	225500		-	-	-	Pass	210	208	1
L1622460-09	SG-02	846	1.0L Can	07/19/16	225500	L1614311-02	Pass	-28.3	-1.1	-	-	-	-
L1622460-10	SG-12	0600	SV200	07/19/16	225500		-	-	-	Pass	200	206	3
L1622460-10	SG-12	682	1.0L Can	07/19/16	225500	L1618074-02	Pass	-29.6	-1.2	-	-	-	-
L1622460-11	SG-16	0597	SV200	07/19/16	225500		-	-	-	Pass	222	208	7
L1622460-11	SG-16	1928	1.0L Can	07/19/16	225500	L1614708-02	Pass	-29.7	-1.5	-	-	-	-
L1622460-12	SG-14	0706	SV200	07/19/16	225500		-	-	-	Pass	210	210	0
L1622460-12	SG-14	667	1.0L Can	07/19/16	225500	L1610451-02	Pass	-28.2	-1.3	-	-	-	-
L1622460-13	SG-15	0650	SV200	07/19/16	225500		-	-	-	Pass	214	206	4
L1622460-13	SG-15	819	1.0L Can	07/19/16	225500	L1610451-02	Pass	-28.8	-1.3	-	-	-	-
L1622460-14	SG-13	0669	SV200	07/19/16	225500		-	-	-	Pass	212	210	1
L1622460-14	SG-13	2149	1.0L Can	07/19/16	225500	L1619501-02	Pass	-29.6	-1.0	-	-	-	-
L1622460-15	SG-11	0523	SV200	07/19/16	225500		-	-	-	Pass	215	208	3
L1622460-15	SG-11	565	1.0L Can	07/19/16	225500	L1621078-02	Pass	-29.5	-1.2	-	-	-	-

Project Name: DC UNITED

Project Number: 40223

Serial_No:07281616:29
Lab Number: L1622460

Report Date: 07/28/16

Canister and Flow Controller Information

Samplenum	Client ID	Media ID	Media Type	Date Prepared	Bottle Order	Cleaning Batch ID	Can Leak Check	Initial Pressure (in. Hg)	Pressure on Receipt (in. Hg)	Flow Controller Leak Chk	Flow Out mL/min	Flow In mL/min	% RPD
L1622460-16	SG-11-DUP	0565	SV200	07/19/16	225500		-	-	-	Pass	210	208	1
L1622460-16	SG-11-DUP	2161	1.0L Can	07/19/16	225500	L1621078-02	Pass	-29.5	-1.2	-	-	-	-
L1622460-17	SG-04	0609	SV200	07/19/16	225500		-	-	-	Pass	217	209	4
L1622460-17	SG-04	799	1.0L Can	07/19/16	225500	L1613954-02	Pass	-29.7	-1.5	-	-	-	-
L1622460-18	SG-05	0518	SV200	07/19/16	225500		-	-	-	Pass	213	205	4
L1622460-18	SG-05	2155	1.0L Can	07/19/16	225500	L1621078-02	Pass	-29.5	-1.4	-	-	-	-
L1622460-19	SG-12-DUP	0598	SV200	07/19/16	225500		-	-	-	Pass	212	211	0
L1622460-19	SG-12-DUP	1502	1.0L Can	07/19/16	225500	L1614800-02	Pass	-29.5	-1.1	-	-	-	-
L1622460-20	UNUSED CANISTER 825	0571	SV200	07/19/16	225500		-	-	-	Pass	207	206	0
L1622460-20	UNUSED CANISTER 825	825	1.0L Can	07/19/16	225500	L1620186-02	Pass	-29.5	-29.3	-	-	-	-

Project Name:
Project Number: CANISTER QC BAT

Lab Number: L1610451
Report Date: 07/28/16

Air Canister Certification Results

Lab ID: L1610451-02
 Client ID: CAN 908 SHELF 11
 Sample Location:
 Matrix: Air
 Analytical Method: 48,TO-15
 Analytical Date: 04/09/16 15:52
 Analyst: RY

Date Collected: 04/08/16 16:00
 Date Received: 04/09/16
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethyl Alcohol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
iso-Propyl Alcohol	ND	0.500	--	ND	1.23	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
tert-Butyl Alcohol	ND	0.500	--	ND	1.52	--		1



Project Name:
Project Number: CANISTER QC BAT

Lab Number: L1610451
Report Date: 07/28/16

Air Canister Certification Results

Lab ID: L1610451-02
 Client ID: CAN 908 SHELF 11
 Sample Location:

Date Collected: 04/08/16 16:00
 Date Received: 04/09/16
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Isopropyl Ether	ND	0.200	--	ND	0.836	--		1
Ethyl-Tert-Butyl-Ether	ND	0.200	--	ND	0.836	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
Tertiary-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1



Project Name:
Project Number: CANISTER QC BAT

Lab Number: L1610451
Report Date: 07/28/16

Air Canister Certification Results

Lab ID: L1610451-02
 Client ID: CAN 908 SHELF 11
 Sample Location:

Date Collected: 04/08/16 16:00
 Date Received: 04/09/16
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl Acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane (C9)	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1



Project Name:
Project Number: CANISTER QC BAT

Lab Number: L1610451
Report Date: 07/28/16

Air Canister Certification Results

Lab ID: L1610451-02
 Client ID: CAN 908 SHELF 11
 Sample Location:

Date Collected: 04/08/16 16:00
 Date Received: 04/09/16
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
o-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
p-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane (C10)	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane (C12)	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

	Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds					

No Tentatively Identified Compounds



Project Name:

Lab Number: L1610451

Project Number: CANISTER QC BAT

Report Date: 07/28/16

Air Canister Certification Results

Lab ID: L1610451-02
 Client ID: CAN 908 SHELF 11
 Sample Location:

Date Collected: 04/08/16 16:00
 Date Received: 04/09/16
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	87		60-140
Bromochloromethane	98		60-140
chlorobenzene-d5	93		60-140



Project Name:
Project Number: CANISTER QC BAT

Lab Number: L1610451
Report Date: 07/28/16

Air Canister Certification Results

Lab ID: L1610451-02
 Client ID: CAN 908 SHELF 11
 Sample Location:
 Matrix: Air
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 04/09/16 15:52
 Analyst: RY

Date Collected: 04/08/16 16:00
 Date Received: 04/09/16
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.020	--	ND	0.053	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.050	--	ND	0.383	--		1
Halothane	ND	0.050	--	ND	0.404	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1



Project Name:
Project Number: CANISTER QC BAT

Lab Number: L1610451
Report Date: 07/28/16

Air Canister Certification Results

Lab ID: L1610451-02
 Client ID: CAN 908 SHELF 11
 Sample Location:

Date Collected: 04/08/16 16:00
 Date Received: 04/09/16
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.050	--	ND	0.188	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.020	--	ND	0.092	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1



Project Name:
Project Number: CANISTER QC BAT

Lab Number: L1610451
Report Date: 07/28/16

Air Canister Certification Results

Lab ID: L1610451-02
 Client ID: CAN 908 SHELF 11
 Sample Location:

Date Collected: 04/08/16 16:00
 Date Received: 04/09/16
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	92		60-140
bromochloromethane	100		60-140
chlorobenzene-d5	98		60-140



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1611408
Report Date: 07/28/16

Air Canister Certification Results

Lab ID: L1611408-02
 Client ID: CAN 1500 SHELF 13
 Sample Location:
 Matrix: Air
 Analytical Method: 48,TO-15
 Analytical Date: 04/19/16 16:35
 Analyst: MB

Date Collected: 04/18/16 16:00
 Date Received: 04/19/16
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1611408
Report Date: 07/28/16

Air Canister Certification Results

Lab ID: L1611408-02
 Client ID: CAN 1500 SHELF 13
 Sample Location:

Date Collected: 04/18/16 16:00
 Date Received: 04/19/16
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1611408
Report Date: 07/28/16

Air Canister Certification Results

Lab ID: L1611408-02
 Client ID: CAN 1500 SHELF 13
 Sample Location:

Date Collected: 04/18/16 16:00
 Date Received: 04/19/16
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1611408
Report Date: 07/28/16

Air Canister Certification Results

Lab ID: L1611408-02
 Client ID: CAN 1500 SHELF 13
 Sample Location:

Date Collected: 04/18/16 16:00
 Date Received: 04/19/16
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

	Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds					

No Tentatively Identified Compounds



Project Name: BATCH CANISTER CERTIFICATION**Lab Number:** L1611408**Project Number:** CANISTER QC BAT**Report Date:** 07/28/16**Air Canister Certification Results**

Lab ID: L1611408-02

Date Collected: 04/18/16 16:00

Client ID: CAN 1500 SHELF 13

Date Received: 04/19/16

Sample Location:

Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	90		60-140
Bromochloromethane	95		60-140
chlorobenzene-d5	91		60-140



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1611408
Report Date: 07/28/16

Air Canister Certification Results

Lab ID: L1611408-02
 Client ID: CAN 1500 SHELF 13
 Sample Location:
 Matrix: Air
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 04/19/16 15:01
 Analyst: MB

Date Collected: 04/18/16 16:00
 Date Received: 04/19/16
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.020	--	ND	0.053	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
Halothane	ND	0.050	--	ND	0.404	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1611408
Report Date: 07/28/16

Air Canister Certification Results

Lab ID: L1611408-02
 Client ID: CAN 1500 SHELF 13
 Sample Location:

Date Collected: 04/18/16 16:00
 Date Received: 04/19/16
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.050	--	ND	0.188	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1611408
Report Date: 07/28/16

Air Canister Certification Results

Lab ID: L1611408-02 Date Collected: 04/18/16 16:00
 Client ID: CAN 1500 SHELF 13 Date Received: 04/19/16
 Sample Location: Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	86		60-140
bromochloromethane	89		60-140
chlorobenzene-d5	86		60-140



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1611777
Report Date: 07/28/16

Air Canister Certification Results

Lab ID: L1611777-02
 Client ID: CAN 1952 SHELF 9
 Sample Location:
 Matrix: Air
 Analytical Method: 48,TO-15
 Analytical Date: 04/21/16 16:37
 Analyst: RY

Date Collected: 04/20/16 16:00
 Date Received: 04/21/16
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1611777
Report Date: 07/28/16

Air Canister Certification Results

Lab ID: L1611777-02
 Client ID: CAN 1952 SHELF 9
 Sample Location:

Date Collected: 04/20/16 16:00
 Date Received: 04/21/16
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1611777
Report Date: 07/28/16

Air Canister Certification Results

Lab ID: L1611777-02
 Client ID: CAN 1952 SHELF 9
 Sample Location:

Date Collected: 04/20/16 16:00
 Date Received: 04/21/16
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1611777
Report Date: 07/28/16

Air Canister Certification Results

Lab ID: L1611777-02
 Client ID: CAN 1952 SHELF 9
 Sample Location:

Date Collected: 04/20/16 16:00
 Date Received: 04/21/16
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds				

No Tentatively Identified Compounds



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1611777
Report Date: 07/28/16

Air Canister Certification Results

Lab ID: L1611777-02 Date Collected: 04/20/16 16:00
 Client ID: CAN 1952 SHELF 9 Date Received: 04/21/16
 Sample Location: Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	92		60-140
Bromochloromethane	94		60-140
chlorobenzene-d5	91		60-140



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1611777
Report Date: 07/28/16

Air Canister Certification Results

Lab ID: L1611777-02
 Client ID: CAN 1952 SHELF 9
 Sample Location:
 Matrix: Air
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 04/21/16 16:37
 Analyst: RY

Date Collected: 04/20/16 16:00
 Date Received: 04/21/16
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.020	--	ND	0.053	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
Halothane	ND	0.050	--	ND	0.404	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1611777
Report Date: 07/28/16

Air Canister Certification Results

Lab ID: L1611777-02
 Client ID: CAN 1952 SHELF 9
 Sample Location:

Date Collected: 04/20/16 16:00
 Date Received: 04/21/16
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.050	--	ND	0.188	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1611777
Report Date: 07/28/16

Air Canister Certification Results

Lab ID: L1611777-02
 Client ID: CAN 1952 SHELF 9
 Sample Location:

Date Collected: 04/20/16 16:00
 Date Received: 04/21/16
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	96		60-140
bromochloromethane	99		60-140
chlorobenzene-d5	96		60-140



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1611963
Report Date: 07/28/16

Air Canister Certification Results

Lab ID: L1611963-02
 Client ID: CAN 1951 SHELF 7
 Sample Location:
 Matrix: Air
 Analytical Method: 48,TO-15
 Analytical Date: 04/22/16 18:43
 Analyst: RY

Date Collected: 04/21/16 16:00
 Date Received: 04/22/16
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1611963
Report Date: 07/28/16

Air Canister Certification Results

Lab ID: L1611963-02
 Client ID: CAN 1951 SHELF 7
 Sample Location:

Date Collected: 04/21/16 16:00
 Date Received: 04/22/16
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1611963
Report Date: 07/28/16

Air Canister Certification Results

Lab ID: L1611963-02
 Client ID: CAN 1951 SHELF 7
 Sample Location:

Date Collected: 04/21/16 16:00
 Date Received: 04/22/16
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1611963
Report Date: 07/28/16

Air Canister Certification Results

Lab ID: L1611963-02
 Client ID: CAN 1951 SHELF 7
 Sample Location:

Date Collected: 04/21/16 16:00
 Date Received: 04/22/16
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

	Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds					

No Tentatively Identified Compounds



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1611963
Report Date: 07/28/16

Air Canister Certification Results

Lab ID: L1611963-02 Date Collected: 04/21/16 16:00
 Client ID: CAN 1951 SHELF 7 Date Received: 04/22/16
 Sample Location: Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	92		60-140
Bromochloromethane	90		60-140
chlorobenzene-d5	88		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1611963
Report Date: 07/28/16

Air Canister Certification Results

Lab ID: L1611963-02
 Client ID: CAN 1951 SHELF 7
 Sample Location:
 Matrix: Air
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 04/22/16 18:43
 Analyst: AR

Date Collected: 04/21/16 16:00
 Date Received: 04/22/16
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.020	--	ND	0.053	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
Halothane	ND	0.050	--	ND	0.404	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1611963
Report Date: 07/28/16

Air Canister Certification Results

Lab ID: L1611963-02 Date Collected: 04/21/16 16:00
 Client ID: CAN 1951 SHELF 7 Date Received: 04/22/16
 Sample Location: Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.050	--	ND	0.188	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1611963
Report Date: 07/28/16

Air Canister Certification Results

Lab ID: L1611963-02 Date Collected: 04/21/16 16:00
 Client ID: CAN 1951 SHELF 7 Date Received: 04/22/16
 Sample Location: Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	93		60-140
bromochloromethane	94		60-140
chlorobenzene-d5	92		60-140



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1613954
Report Date: 07/28/16

Air Canister Certification Results

Lab ID: L1613954-02
 Client ID: CAN 799 SHELF 7
 Sample Location:
 Matrix: Air
 Analytical Method: 48,TO-15
 Analytical Date: 05/10/16 15:36
 Analyst: RY

Date Collected: 05/09/16 16:00
 Date Received: 05/10/16
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1613954
Report Date: 07/28/16

Air Canister Certification Results

Lab ID: L1613954-02
 Client ID: CAN 799 SHELF 7
 Sample Location:

Date Collected: 05/09/16 16:00
 Date Received: 05/10/16
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1613954
Report Date: 07/28/16

Air Canister Certification Results

Lab ID: L1613954-02
 Client ID: CAN 799 SHELF 7
 Sample Location:

Date Collected: 05/09/16 16:00
 Date Received: 05/10/16
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1613954
Report Date: 07/28/16

Air Canister Certification Results

Lab ID: L1613954-02
 Client ID: CAN 799 SHELF 7
 Sample Location:

Date Collected: 05/09/16 16:00
 Date Received: 05/10/16
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

	Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds					

No Tentatively Identified Compounds

