

Hit Summary Sheet SW-846

SDG No.: Q2928
Client: Hero Construction

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : 27-BELL								
Q2928-01	27-BELL	SOIL	Acenaphthylene	78.000	J	33.8	200	ug/Kg
Q2928-01	27-BELL	SOIL	Phenanthrene	290.000		24.5	200	ug/Kg
Q2928-01	27-BELL	SOIL	Anthracene	110.000	J	39	200	ug/Kg
Q2928-01	27-BELL	SOIL	Fluoranthene	840.000		35.1	200	ug/Kg
Q2928-01	27-BELL	SOIL	Pyrene	750.000		42.1	200	ug/Kg
Q2928-01	27-BELL	SOIL	Benzo(a)anthracene	480.000		26.9	200	ug/Kg
Q2928-01	27-BELL	SOIL	Chrysene	520.000		23.3	200	ug/Kg
Q2928-01	27-BELL	SOIL	Benzo(b)fluoranthene	670.000		22.2	200	ug/Kg
Q2928-01	27-BELL	SOIL	Benzo(k)fluoranthene	210.000		26.2	200	ug/Kg
Q2928-01	27-BELL	SOIL	Benzo(a)pyrene	480.000		34.5	200	ug/Kg
Q2928-01	27-BELL	SOIL	Indeno(1,2,3-cd)pyrene	280.000		34	200	ug/Kg
Q2928-01	27-BELL	SOIL	Dibenzo(a,h)anthracene	89.400	J	32.1	200	ug/Kg
Q2928-01	27-BELL	SOIL	Benzo(g,h,i)perylene	330.000		30.1	200	ug/Kg
Total Svoc :				5,127.40				
Q2928-01	27-BELL	SOIL	2-Pentanone, 4-hydroxy-4-methyl *	270.000	AB	0	0	ug/Kg
Q2928-01	27-BELL	SOIL	4H-Cyclopenta[def]phenanthrene *	110.000	J	0	0	ug/Kg
Q2928-01	27-BELL	SOIL	Benzo[e]pyrene *	510.000	J	0	0	ug/Kg
Q2928-01	27-BELL	SOIL	Benzophenone *	300.000	J	0	0	ug/Kg
Q2928-01	27-BELL	SOIL	Butane, 2-methoxy-2-methyl- *	970.000	J	0	0	ug/Kg
Q2928-01	27-BELL	SOIL	Cyclohexadecane *	160.000	J	0	0	ug/Kg
Q2928-01	27-BELL	SOIL	n-Hexadecanoic acid *	600.000	J	0	0	ug/Kg
Q2928-01	27-BELL	SOIL	Octadecanoic acid *	78.000	J	0	0	ug/Kg
Total Tics :				2,998.00				
Total Concentration:				8,125.40				



SAMPLE DATA

A

B

C

D

Report of Analysis

Client:	Hero Construction	Date Collected:	08/21/25
Project:	Residential Soil Testing	Date Received:	08/21/25
Client Sample ID:	27-BELL	SDG No.:	Q2928
Lab Sample ID:	Q2928-01	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	85.3
Sample Wt/Vol:	30.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025594.D	1	08/25/25 08:55	08/26/25 20:44	PB169370

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	180	U	180	390	ug/Kg
108-95-2	Phenol	25.9	U	25.9	200	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	28.4	U	28.4	200	ug/Kg
95-57-8	2-Chlorophenol	28.5	U	28.5	200	ug/Kg
95-48-7	2-Methylphenol	35.0	U	35.0	200	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	43.9	U	43.9	200	ug/Kg
98-86-2	Acetophenone	34.5	U	34.5	200	ug/Kg
65794-96-9	3+4-Methylphenols	48.1	U	48.1	390	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	55.5	U	55.5	93.6	ug/Kg
67-72-1	Hexachloroethane	20.6	U	20.6	200	ug/Kg
98-95-3	Nitrobenzene	21.4	U	21.4	200	ug/Kg
78-59-1	Isophorone	38.4	U	38.4	200	ug/Kg
88-75-5	2-Nitrophenol	68.1	U	68.1	200	ug/Kg
105-67-9	2,4-Dimethylphenol	75.8	U	75.8	200	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	36.0	U	36.0	200	ug/Kg
120-83-2	2,4-Dichlorophenol	33.1	U	33.1	200	ug/Kg
91-20-3	Naphthalene	26.6	U	26.6	200	ug/Kg
106-47-8	4-Chloroaniline	41.4	U	41.4	200	ug/Kg
87-68-3	Hexachlorobutadiene	29.6	U	29.6	200	ug/Kg
105-60-2	Caprolactam	61.0	U	61.0	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	33.6	U	33.6	200	ug/Kg
91-57-6	2-Methylnaphthalene	30.0	U	30.0	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	140	U	140	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	23.2	U	23.2	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	34.0	U	34.0	200	ug/Kg
92-52-4	1,1-Biphenyl	25.5	U	25.5	200	ug/Kg
91-58-7	2-Chloronaphthalene	26.3	U	26.3	200	ug/Kg
88-74-4	2-Nitroaniline	56.3	U	56.3	200	ug/Kg
131-11-3	Dimethylphthalate	31.7	U	31.7	200	ug/Kg

Report of Analysis

Client:	Hero Construction	Date Collected:	08/21/25
Project:	Residential Soil Testing	Date Received:	08/21/25
Client Sample ID:	27-BELL	SDG No.:	Q2928
Lab Sample ID:	Q2928-01	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	85.3
Sample Wt/Vol:	30.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025594.D	1	08/25/25 08:55	08/26/25 20:44	PB169370

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	78.0	J	33.8	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	39.3	U	39.3	200	ug/Kg
99-09-2	3-Nitroaniline	53.8	U	53.8	200	ug/Kg
83-32-9	Acenaphthene	24.9	U	24.9	200	ug/Kg
51-28-5	2,4-Dinitrophenol	270	U	270	390	ug/Kg
100-02-7	4-Nitrophenol	130	U	130	390	ug/Kg
132-64-9	Dibenzofuran	26.6	U	26.6	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	58.6	U	58.6	200	ug/Kg
84-66-2	Diethylphthalate	33.1	U	33.1	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	31.2	U	31.2	200	ug/Kg
86-73-7	Fluorene	29.6	U	29.6	200	ug/Kg
100-01-6	4-Nitroaniline	75.1	U	75.1	200	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	120	U	120	390	ug/Kg
86-30-6	n-Nitrosodiphenylamine	38.5	U	38.5	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	32.5	U	32.5	200	ug/Kg
118-74-1	Hexachlorobenzene	29.6	U	29.6	200	ug/Kg
1912-24-9	Atrazine	39.8	U	39.8	200	ug/Kg
87-86-5	Pentachlorophenol	60.0	U	60.0	390	ug/Kg
85-01-8	Phenanthrene	290		24.5	200	ug/Kg
120-12-7	Anthracene	110	J	39.0	200	ug/Kg
86-74-8	Carbazole	36.5	U	36.5	200	ug/Kg
84-74-2	Di-n-butylphthalate	56.0	U	56.0	200	ug/Kg
206-44-0	Fluoranthene	840		35.1	200	ug/Kg
129-00-0	Pyrene	750		42.1	200	ug/Kg
85-68-7	Butylbenzylphthalate	83.5	U	83.5	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	42.9	U	42.9	390	ug/Kg
56-55-3	Benzo(a)anthracene	480		26.9	200	ug/Kg
218-01-9	Chrysene	520		23.3	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	69.3	U	69.3	200	ug/Kg
117-84-0	Di-n-octyl phthalate	100	U	100	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	670		22.2	200	ug/Kg

Report of Analysis

Client:	Hero Construction	Date Collected:	08/21/25
Project:	Residential Soil Testing	Date Received:	08/21/25
Client Sample ID:	27-BELL	SDG No.:	Q2928
Lab Sample ID:	Q2928-01	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	85.3
Sample Wt/Vol:	30.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025594.D	1	08/25/25 08:55	08/26/25 20:44	PB169370

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	210		26.2	200	ug/Kg
50-32-8	Benzo(a)pyrene	480		34.5	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	280		34.0	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	89.4	J	32.1	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	330		30.1	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	30.0	U	30.0	200	ug/Kg
123-91-1	1,4-Dioxane	52.9	U	52.9	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	32.1	U	32.1	200	ug/Kg

SURROGATES

367-12-4	2-Fluorophenol	77.8		18 - 112	52%	SPK: 150
13127-88-3	Phenol-d6	77.8		15 - 107	52%	SPK: 150
4165-60-0	Nitrobenzene-d5	48.6		18 - 107	49%	SPK: 100
321-60-8	2-Fluorobiphenyl	46.5		20 - 109	47%	SPK: 100
118-79-6	2,4,6-Tribromophenol	85.5		10 - 116	57%	SPK: 150
1718-51-0	Terphenyl-d14	44.8		10 - 105	45%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	209000	7.778
1146-65-2	Naphthalene-d8	844000	10.549
15067-26-2	Acenaphthene-d10	544000	14.389
1517-22-2	Phenanthrene-d10	1110000	17.195
1719-03-5	Chrysene-d12	1180000	21.636
1520-96-3	Perylene-d12	1390000	25.018

TENTATIVE IDENTIFIED COMPOUNDS

000994-05-8	Butane, 2-methoxy-2-methyl-	970	J	3.03	ug/Kg
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	270	AB	4.94	ug/Kg
000119-61-9	Benzophenone	300	J	15.8	ug/Kg
000057-10-3	n-Hexadecanoic acid	600	J	18.1	ug/Kg
000203-64-5	4H-Cyclopenta[def]phenanthrene	110	J	18.3	ug/Kg
000057-11-4	Octadecanoic acid	78.0	J	19.5	ug/Kg
000295-65-8	Cyclohexadecane	160	J	21.3	ug/Kg

Report of Analysis

Client:	Hero Construction	Date Collected:	08/21/25
Project:	Residential Soil Testing	Date Received:	08/21/25
Client Sample ID:	27-BELL	SDG No.:	Q2928
Lab Sample ID:	Q2928-01	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	85.3
Sample Wt/Vol:	30.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	SVOC-TCL BNA -20
	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	1.0	GPC Cleanup :
		N	PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025594.D	1	08/25/25 08:55	08/26/25 20:44	PB169370

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
000192-97-2	Benzo[e]pyrene	510	J		24.7	ug/Kg

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

LAB CHRONICLE

OrderID:	Q2928	OrderDate:	8/21/2025 12:10:14 PM
Client:	Hero Construction	Project:	Residential Soil Testing
Contact:	Khadija Smith	Location:	D31,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2928-01	27-BELL	SOIL	SVOC-TCL BNA -20	8270E	08/21/25	08/25/25	08/26/25	08/21/25