

Report of Analysis

Client:	Hero Construction	Date Collected:	08/21/25
Project:	Residential Soil Testing	Date Received:	08/21/25
Client Sample ID:	29-SEPTICMS	SDG No.:	Q2928
Lab Sample ID:	Q2933-04MS	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	86.3
Sample Wt/Vol:	50.02 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
BP025565.D	1	08/25/25 08:55	08/25/25 15:02	PB169370

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	610		110	230	ug/Kg
108-95-2	Phenol	1100		15.4	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1000		16.9	120	ug/Kg
95-57-8	2-Chlorophenol	1100		17.0	120	ug/Kg
95-48-7	2-Methylphenol	1100		20.8	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1100		26.1	120	ug/Kg
98-86-2	Acetophenone	1000		20.5	120	ug/Kg
65794-96-9	3+4-Methylphenols	1000		28.6	230	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	980		32.9	55.6	ug/Kg
67-72-1	Hexachloroethane	1000		12.2	120	ug/Kg
98-95-3	Nitrobenzene	1000		12.7	120	ug/Kg
78-59-1	Isophorone	990		22.8	120	ug/Kg
88-75-5	2-Nitrophenol	1100		40.4	120	ug/Kg
105-67-9	2,4-Dimethylphenol	1100		45.0	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1000		21.4	120	ug/Kg
120-83-2	2,4-Dichlorophenol	1100		19.7	120	ug/Kg
91-20-3	Naphthalene	1000		15.8	120	ug/Kg
106-47-8	4-Chloroaniline	350		24.6	120	ug/Kg
87-68-3	Hexachlorobutadiene	990		17.6	120	ug/Kg
105-60-2	Caprolactam	1000		36.2	230	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1000		19.9	120	ug/Kg
91-57-6	2-Methylnaphthalene	990		17.8	120	ug/Kg
77-47-4	Hexachlorocyclopentadiene	1900	E	80.6	230	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1100		13.8	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1100		20.2	120	ug/Kg
92-52-4	1,1-Biphenyl	1000		15.2	120	ug/Kg
91-58-7	2-Chloronaphthalene	1000		15.6	120	ug/Kg
88-74-4	2-Nitroaniline	1100		33.4	120	ug/Kg
131-11-3	Dimethylphthalate	1000		18.8	120	ug/Kg

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208-96-8	Acenaphthylene	1000		20.1	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	1100		23.4	120	ug/Kg
99-09-2	3-Nitroaniline	600		32.0	120	ug/Kg
83-32-9	Acenaphthene	1000		14.8	120	ug/Kg
51-28-5	2,4-Dinitrophenol	2600	E	160	230	ug/Kg
100-02-7	4-Nitrophenol	2300	E	74.4	230	ug/Kg
132-64-9	Dibenzofuran	1000		15.8	120	ug/Kg
121-14-2	2,4-Dinitrotoluene	1100		34.8	120	ug/Kg
84-66-2	Diethylphthalate	1100		19.7	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1000		18.6	120	ug/Kg
86-73-7	Fluorene	1000		17.6	120	ug/Kg
100-01-6	4-Nitroaniline	1100		44.6	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1200		71.6	230	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1100		22.9	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1100		19.3	120	ug/Kg
118-74-1	Hexachlorobenzene	1000		17.6	120	ug/Kg
1912-24-9	Atrazine	1100		23.6	120	ug/Kg
87-86-5	Pentachlorophenol	2200	E	35.7	230	ug/Kg
85-01-8	Phenanthrene	1000		14.5	120	ug/Kg
120-12-7	Anthracene	1000		23.1	120	ug/Kg
86-74-8	Carbazole	1100		21.7	120	ug/Kg
84-74-2	Di-n-butylphthalate	1100		33.3	120	ug/Kg
206-44-0	Fluoranthene	1000		20.8	120	ug/Kg
129-00-0	Pyrene	1100		25.0	120	ug/Kg
85-68-7	Butylbenzylphthalate	1100		49.6	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	580		25.5	230	ug/Kg
56-55-3	Benzo(a)anthracene	1100		16.0	120	ug/Kg
218-01-9	Chrysene	1100		13.8	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1100		41.1	120	ug/Kg
117-84-0	Di-n-octyl phthalate	1100		60.3	230	ug/Kg
205-99-2	Benzo(b)fluoranthene	1100		13.2	120	ug/Kg

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207-08-9	Benzo(k)fluoranthene	1100		15.6	120	ug/Kg
50-32-8	Benzo(a)pyrene	1100		20.5	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1100		20.2	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1100		19.0	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1100		17.9	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1000		17.8	120	ug/Kg
123-91-1	1,4-Dioxane	900		31.4	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1100		19.0	120	ug/Kg

SURROGATES

367-12-4	2-Fluorophenol	83.4		18 - 112	56%	SPK: 150
13127-88-3	Phenol-d6	86.5		15 - 107	58%	SPK: 150
4165-60-0	Nitrobenzene-d5	46.8		18 - 107	47%	SPK: 100
321-60-8	2-Fluorobiphenyl	39.7		20 - 109	40%	SPK: 100
118-79-6	2,4,6-Tribromophenol	81.2		10 - 116	54%	SPK: 150
1718-51-0	Terphenyl-d14	48.4		10 - 105	48%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	206000	7.772
1146-65-2	Naphthalene-d8	836000	10.549
15067-26-2	Acenaphthene-d10	527000	14.401
1517-22-2	Phenanthrene-d10	1060000	17.201
1719-03-5	Chrysene-d12	1060000	21.63
1520-96-3	Perylene-d12	1200000	25.001

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