

Report of Analysis

Client:	JPCL Engineering	Date Collected:	07/01/25
Project:	NOHO RFI No. SC64025 NYC	Date Received:	07/01/25
Client Sample ID:	PIT#1	SDG No.:	Q2473
Lab Sample ID:	Q2473-01	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	90
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:			uL
Extraction Type :		Decanted :	N
Injection Volume :		GPC Factor :	1.0
Prep Method :	SW3541	Level :	LOW
		Test:	SVOC-TCL BNA -20
		Final Vol:	1000 uL
		GPC Cleanup :	N
		PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143020.D	2	07/02/25 08:55	07/07/25 20:51	PB168694

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	350	U	350	730	ug/Kg
108-95-2	Phenol	49.0	U	49.0	380	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	53.9	U	53.9	380	ug/Kg
95-57-8	2-Chlorophenol	54.2	U	54.2	380	ug/Kg
95-48-7	2-Methylphenol	66.4	U	66.4	380	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	83.2	U	83.2	380	ug/Kg
98-86-2	Acetophenone	65.5	U	65.5	380	ug/Kg
65794-96-9	3+4-Methylphenols	91.2	U	91.2	730	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	110	U	110	180	ug/Kg
67-72-1	Hexachloroethane	39.1	U	39.1	380	ug/Kg
98-95-3	Nitrobenzene	40.6	U	40.6	380	ug/Kg
78-59-1	Isophorone	72.8	U	72.8	380	ug/Kg
88-75-5	2-Nitrophenol	130	U	130	380	ug/Kg
105-67-9	2,4-Dimethylphenol	140	U	140	380	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	68.4	U	68.4	380	ug/Kg
120-83-2	2,4-Dichlorophenol	62.8	U	62.8	380	ug/Kg
91-20-3	Naphthalene	210	J	50.4	380	ug/Kg
106-47-8	4-Chloroaniline	78.6	U	78.6	380	ug/Kg
87-68-3	Hexachlorobutadiene	56.1	U	56.1	380	ug/Kg
105-60-2	Caprolactam	120	U	120	730	ug/Kg
59-50-7	4-Chloro-3-methylphenol	63.7	U	63.7	380	ug/Kg
91-57-6	2-Methylnaphthalene	290	J	56.8	380	ug/Kg
77-47-4	Hexachlorocyclopentadiene	260	U	260	730	ug/Kg
88-06-2	2,4,6-Trichlorophenol	43.9	U	43.9	380	ug/Kg
95-95-4	2,4,5-Trichlorophenol	64.6	U	64.6	380	ug/Kg
92-52-4	1,1-Biphenyl	48.4	U	48.4	380	ug/Kg
91-58-7	2-Chloronaphthalene	49.9	U	49.9	380	ug/Kg
88-74-4	2-Nitroaniline	110	U	110	380	ug/Kg
131-11-3	Dimethylphthalate	60.1	U	60.1	380	ug/Kg

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208-96-8	Acenaphthylene	370	J	64.1	380	ug/Kg
606-20-2	2,6-Dinitrotoluene	74.6	U	74.6	380	ug/Kg
99-09-2	3-Nitroaniline	100	U	100	380	ug/Kg
83-32-9	Acenaphthene	2000		47.3	380	ug/Kg
51-28-5	2,4-Dinitrophenol	510	U	510	730	ug/Kg
100-02-7	4-Nitrophenol	240	U	240	730	ug/Kg
132-64-9	Dibenzofuran	1200		50.4	380	ug/Kg
121-14-2	2,4-Dinitrotoluene	110	U	110	380	ug/Kg
84-66-2	Diethylphthalate	62.8	U	62.8	380	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	59.3	U	59.3	380	ug/Kg
86-73-7	Fluorene	2600		56.1	380	ug/Kg
100-01-6	4-Nitroaniline	140	U	140	380	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	230	U	230	730	ug/Kg
86-30-6	n-Nitrosodiphenylamine	73.0	U	73.0	380	ug/Kg
101-55-3	4-Bromophenyl-phenylether	61.7	U	61.7	380	ug/Kg
118-74-1	Hexachlorobenzene	56.1	U	56.1	380	ug/Kg
1912-24-9	Atrazine	75.5	U	75.5	380	ug/Kg
87-86-5	Pentachlorophenol	110	U	110	730	ug/Kg
85-01-8	Phenanthrene	21700	E	46.4	380	ug/Kg
120-12-7	Anthracene	7400	E	73.9	380	ug/Kg
86-74-8	Carbazole	860		69.2	380	ug/Kg
84-74-2	Di-n-butylphthalate	110	U	110	380	ug/Kg
206-44-0	Fluoranthene	28700	E	66.6	380	ug/Kg
129-00-0	Pyrene	19900	E	79.9	380	ug/Kg
85-68-7	Butylbenzylphthalate	160	UQ	160	380	ug/Kg
91-94-1	3,3-Dichlorobenzidine	81.4	U	81.4	730	ug/Kg
56-55-3	Benzo(a)anthracene	13000	E	51.0	380	ug/Kg
218-01-9	Chrysene	11700	E	44.2	380	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	290	J	130	380	ug/Kg
117-84-0	Di-n-octyl phthalate	190	U	190	730	ug/Kg
205-99-2	Benzo(b)fluoranthene	13400	E	42.2	380	ug/Kg

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207-08-9	Benzo(k)fluoranthene	5000		49.7	380	ug/Kg
50-32-8	Benzo(a)pyrene	10300	E	65.5	380	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	3800		64.6	380	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1200		60.8	380	ug/Kg
191-24-2	Benzo(g,h,i)perylene	4100		57.0	380	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	56.8	U	56.8	380	ug/Kg
123-91-1	1,4-Dioxane	100	U	100	380	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	60.8	U	60.8	380	ug/Kg

SURROGATES

367-12-4	2-Fluorophenol	53.2		18 - 112	35%	SPK: 150
13127-88-3	Phenol-d6	69.7		15 - 107	46%	SPK: 150
4165-60-0	Nitrobenzene-d5	46.1		18 - 107	46%	SPK: 100
321-60-8	2-Fluorobiphenyl	49.5		20 - 109	50%	SPK: 100
118-79-6	2,4,6-Tribromophenol	25.5		10 - 116	17%	SPK: 150
1718-51-0	Terphenyl-d14	47.1		10 - 105	47%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	58500	6.875
1146-65-2	Naphthalene-d8	207000	8.157
15067-26-2	Acenaphthene-d10	104000	9.916
1517-22-2	Phenanthrene-d10	183000	11.416
1719-03-5	Chrysene-d12	129000	14.074
1520-96-3	Perylene-d12	103000	15.568

TENTATIVE IDENTIFIED COMPOUNDS

90-12-0	1-Methylnaphthalene	330	J	8.97	ug/Kg
000581-42-0	Naphthalene, 2,6-dimethyl-	380	J	9.50	ug/Kg
000575-37-1	Naphthalene, 1,7-dimethyl-	580	J	9.57	ug/Kg
000581-40-8	Naphthalene, 2,3-dimethyl-	320	J	9.69	ug/Kg
000829-26-5	Naphthalene, 2,3,6-trimethyl-	260	J	10.2	ug/Kg
002131-42-2	Naphthalene, 1,4,6-trimethyl-	480	J	10.3	ug/Kg
001855-47-6	1-Isopropenylnaphthalene	700	J	10.5	ug/Kg

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	unknown10.551	570	J		10.6	ug/Kg
007320-53-8	Dibenzofuran, 4-methyl-	1200	J		10.6	ug/Kg
002531-84-2	Phenanthrene, 2-methyl-	230	J		11.9	ug/Kg
000203-64-5	4H-Cyclopenta[def]phenanthrene	460	J		12.0	ug/Kg
002381-21-7	Pyrene, 1-methyl-	310	J		13.1	ug/Kg
000243-17-4	11H-Benzo[b]fluorene	480	J		13.2	ug/Kg
033543-31-6	Fluoranthene, 2-methyl-	270	J		13.3	ug/Kg
003442-78-2	Pyrene, 2-methyl-	280	J		13.3	ug/Kg
	unknown13.868	220	J		13.9	ug/Kg
000604-53-5	1,1-Binaphthalene	1100	J		15.0	ug/Kg
000192-97-2	Benzo[e]pyrene	7000	J		15.4	ug/Kg
000215-58-7	Benzo[b]triphenylene	950	J		17.3	ug/Kg
000191-26-4	Dibenzo[def,mno]chrysene	2000	J		17.8	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