

LAB CHRONICLE

OrderID:	Q2473	OrderDate:	7/1/2025 12:14:15 PM
Client:	JPCL Engineering	Project:	NOHO RFI No. SC64025 NYC
Contact:	Paul Rotondi	Location:	--Select--,A12,A43,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2473-01	PIT#1	SOIL	SVOC-TCL BNA -20	8270E	07/01/25	07/02/25	07/07/25	07/01/25
Q2473-01DL	PIT#1DL	SOIL	SVOC-TCL BNA -20	8270E	07/01/25	07/02/25	07/08/25	07/01/25
Q2473-02	PIT#2	SOIL	SVOC-TCL BNA -20	8270E	07/01/25	07/02/25	07/07/25	07/01/25
Q2473-03	PIT#3	SOIL	SVOC-TCL BNA -20	8270E	07/01/25	07/02/25	07/07/25	07/01/25
Q2473-04	PIT#4	SOIL	SVOC-TCL BNA -20	8270E	07/01/25	07/02/25	07/03/25	07/01/25

Hit Summary Sheet SW-846

SDG No.: Q2473
Client: JPCL Engineering

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : PIT#1								
Q2473-01	PIT#1	SOIL	Naphthalene	210.000	J	50.4	380	ug/Kg
Q2473-01	PIT#1	SOIL	2-Methylnaphthalene	290.000	J	56.8	380	ug/Kg
Q2473-01	PIT#1	SOIL	Acenaphthylene	370.000	J	64.1	380	ug/Kg
Q2473-01	PIT#1	SOIL	Acenaphthene	2,000.000		47.3	380	ug/Kg
Q2473-01	PIT#1	SOIL	Dibenzofuran	1,200.000		50.4	380	ug/Kg
Q2473-01	PIT#1	SOIL	Fluorene	2,600.000		56.1	380	ug/Kg
Q2473-01	PIT#1	SOIL	Phenanthrene	21,700.000	E	46.4	380	ug/Kg
Q2473-01	PIT#1	SOIL	Anthracene	7,400.000	E	73.9	380	ug/Kg
Q2473-01	PIT#1	SOIL	Carbazole	860.000		69.2	380	ug/Kg
Q2473-01	PIT#1	SOIL	Fluoranthene	28,700.000	E	66.6	380	ug/Kg
Q2473-01	PIT#1	SOIL	Pyrene	19,900.000	E	79.9	380	ug/Kg
Q2473-01	PIT#1	SOIL	Benzo(a)anthracene	13,000.000	E	51	380	ug/Kg
Q2473-01	PIT#1	SOIL	Chrysene	11,700.000	E	44.2	380	ug/Kg
Q2473-01	PIT#1	SOIL	Bis(2-ethylhexyl)phthalate	290.000	J	130	380	ug/Kg
Q2473-01	PIT#1	SOIL	Benzo(b)fluoranthene	13,400.000	E	42.2	380	ug/Kg
Q2473-01	PIT#1	SOIL	Benzo(k)fluoranthene	5,000.000		49.7	380	ug/Kg
Q2473-01	PIT#1	SOIL	Benzo(a)pyrene	10,300.000	E	65.5	380	ug/Kg
Q2473-01	PIT#1	SOIL	Indeno(1,2,3-cd)pyrene	3,800.000		64.6	380	ug/Kg
Q2473-01	PIT#1	SOIL	Dibenzo(a,h)anthracene	1,200.000		60.8	380	ug/Kg
Q2473-01	PIT#1	SOIL	Benzo(g,h,i)perylene	4,100.000		57	380	ug/Kg
Total Svoc :				148,020.00				
Q2473-01	PIT#1	SOIL	1,1-Binaphthalene	*	1,100.000	J	0	ug/Kg
Q2473-01	PIT#1	SOIL	11H-Benzo[b]fluorene	*	480.000	J	0	ug/Kg
Q2473-01	PIT#1	SOIL	1-Isopropenylnaphthalene	*	700.000	J	0	ug/Kg
Q2473-01	PIT#1	SOIL	4H-Cyclopenta[def]phenanthrene	*	460.000	J	0	ug/Kg
Q2473-01	PIT#1	SOIL	Benzo[b]triphenylene	*	950.000	J	0	ug/Kg
Q2473-01	PIT#1	SOIL	Benzo[e]pyrene	*	7,000.000	J	0	ug/Kg
Q2473-01	PIT#1	SOIL	Dibenzo[def,mno]chrysene	*	2,000.000	J	0	ug/Kg
Q2473-01	PIT#1	SOIL	Dibenzofuran, 4-methyl-	*	1,200.000	J	0	ug/Kg
Q2473-01	PIT#1	SOIL	Fluoranthene, 2-methyl-	*	270.000	J	0	ug/Kg
Q2473-01	PIT#1	SOIL	Pyrene, 1-methyl-	*	310.000	J	0	ug/Kg
Q2473-01	PIT#1	SOIL	Pyrene, 2-methyl-	*	280.000	J	0	ug/Kg
Q2473-01	PIT#1	SOIL	unknown10.551	*	570.000	J	0	ug/Kg
Q2473-01	PIT#1	SOIL	unknown13.868	*	220.000	J	0	ug/Kg
Q2473-01	PIT#1	SOIL	Naphthalene, 1,4,6-trimethyl-	*	480.000	J	0	ug/Kg
Q2473-01	PIT#1	SOIL	Naphthalene, 1,7-dimethyl-	*	580.000	J	0	ug/Kg
Q2473-01	PIT#1	SOIL	Naphthalene, 2,3,6-trimethyl-	*	260.000	J	0	ug/Kg

Hit Summary Sheet SW-846

SDG No.: Q2473
Client: JPCL Engineering

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q2473-01	PIT#1	SOIL	Naphthalene, 2,3-dimethyl-	*	320.000	J 0	0	ug/Kg
Q2473-01	PIT#1	SOIL	Naphthalene, 2,6-dimethyl-	*	380.000	J 0	0	ug/Kg
Q2473-01	PIT#1	SOIL	Phenanthrene, 2-methyl-	*	230.000	J 0	0	ug/Kg
Q2473-01	PIT#1	SOIL	1-Methylnaphthalene	*	330.000	J 57.3	380	ug/Kg
Total Tics :				18,120.00				
Total Concentration:				166,140.00				
Client ID : PIT#1DL								
Q2473-01DL	PIT#1DL	SOIL	Acenaphthene	2,700.000	JD 470		3800	ug/Kg
Q2473-01DL	PIT#1DL	SOIL	Dibenzofuran	1,600.000	JD 500		3800	ug/Kg
Q2473-01DL	PIT#1DL	SOIL	Fluorene	3,500.000	JD 560		3800	ug/Kg
Q2473-01DL	PIT#1DL	SOIL	Phenanthrene	36,200.000	D 460		3800	ug/Kg
Q2473-01DL	PIT#1DL	SOIL	Anthracene	10,500.000	D 740		3800	ug/Kg
Q2473-01DL	PIT#1DL	SOIL	Fluoranthene	38,600.000	D 670		3800	ug/Kg
Q2473-01DL	PIT#1DL	SOIL	Pyrene	23,500.000	D 800		3800	ug/Kg
Q2473-01DL	PIT#1DL	SOIL	Benzo(a)anthracene	18,100.000	D 510		3800	ug/Kg
Q2473-01DL	PIT#1DL	SOIL	Chrysene	14,900.000	D 440		3800	ug/Kg
Q2473-01DL	PIT#1DL	SOIL	Benzo(b)fluoranthene	17,300.000	D 420		3800	ug/Kg
Q2473-01DL	PIT#1DL	SOIL	Benzo(k)fluoranthene	5,800.000	D 500		3800	ug/Kg
Q2473-01DL	PIT#1DL	SOIL	Benzo(a)pyrene	13,700.000	D 650		3800	ug/Kg
Q2473-01DL	PIT#1DL	SOIL	Indeno(1,2,3-cd)pyrene	4,000.000	D 650		3800	ug/Kg
Q2473-01DL	PIT#1DL	SOIL	Benzo(g,h,i)perylene	4,200.000	D 570		3800	ug/Kg
Total Svoc :				194,600.00				
Total Concentration:				194,600.00				
Client ID : PIT#2								
Q2473-02	PIT#2	SOIL	Phenanthrene	870.000	J 120		940	ug/Kg
Q2473-02	PIT#2	SOIL	Fluoranthene	780.000	J 170		940	ug/Kg
Q2473-02	PIT#2	SOIL	Pyrene	670.000	J 200		940	ug/Kg
Q2473-02	PIT#2	SOIL	Benzo(a)anthracene	380.000	J 130		940	ug/Kg
Q2473-02	PIT#2	SOIL	Benzo(b)fluoranthene	390.000	J 110		940	ug/Kg
Total Svoc :				3,090.00				
Q2473-02	PIT#2	SOIL	2-Pentanone, 4-hydroxy-4-methyl *	410.000	AB 0		0	ug/Kg
Q2473-02	PIT#2	SOIL	Benzaldehyde, 3,5-dichloro-2-hyd *	370.000	J 0		0	ug/Kg
Total Tics :				780.00				
Total Concentration:				3,870.00				
Client ID : PIT#3								
Q2473-03	PIT#3	SOIL	Phenanthrene	520.000		47.1	380	ug/Kg
Q2473-03	PIT#3	SOIL	Fluoranthene	940.000		67.6	380	ug/Kg
Q2473-03	PIT#3	SOIL	Pyrene	570.000		81.2	380	ug/Kg
Q2473-03	PIT#3	SOIL	Benzo(a)anthracene	370.000	J 51.9		380	ug/Kg

Hit Summary Sheet SW-846

SDG No.: Q2473
Client: JPCL Engineering

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q2473-03	PIT#3	SOIL	Chrysene	340.000	J	44.9	380	ug/Kg
Q2473-03	PIT#3	SOIL	Bis(2-ethylhexyl)phthalate	220.000	J	130	380	ug/Kg
Q2473-03	PIT#3	SOIL	Benzo(b)fluoranthene	460.000		42.8	380	ug/Kg
Q2473-03	PIT#3	SOIL	Benzo(k)fluoranthene	200.000	J	50.5	380	ug/Kg
Q2473-03	PIT#3	SOIL	Benzo(a)pyrene	330.000	J	66.5	380	ug/Kg
Q2473-03	PIT#3	SOIL	Benzo(g,h,i)perylene	170.000	J	58	380	ug/Kg
Total Svoc :				4,120.00				
Q2473-03	PIT#3	SOIL	2-Pentanone, 4-hydroxy-4-methyl *	270.000	AB	0	0	ug/Kg
Q2473-03	PIT#3	SOIL	2-Propanol, 1-chloro-, phosphate (*	200.000	J	0	0	ug/Kg
Q2473-03	PIT#3	SOIL	Benzaldehyde, 3,5-dichloro-2-hyd *	170.000	J	0	0	ug/Kg
Q2473-03	PIT#3	SOIL	Benzophenone *	210.000	J	0	0	ug/Kg
Total Tics :				850.00				
Total Concentration:				4,970.00				
Client ID : PIT#4								
Q2473-04	PIT#4	SOIL	Phenanthrene	210.000		23	190	ug/Kg
Q2473-04	PIT#4	SOIL	Fluoranthene	270.000		33	190	ug/Kg
Q2473-04	PIT#4	SOIL	Pyrene	140.000	J	39.6	190	ug/Kg
Q2473-04	PIT#4	SOIL	Benzo(a)anthracene	120.000	J	25.3	190	ug/Kg
Q2473-04	PIT#4	SOIL	Chrysene	99.500	J	21.9	190	ug/Kg
Q2473-04	PIT#4	SOIL	Benzo(b)fluoranthene	160.000	J	20.9	190	ug/Kg
Q2473-04	PIT#4	SOIL	Benzo(a)pyrene	110.000	J	32.5	190	ug/Kg
Total Svoc :				1,109.50				
Q2473-04	PIT#4	SOIL	2-Pentanone, 4-hydroxy-4-methyl *	190.000	AB	0	0	ug/Kg
Q2473-04	PIT#4	SOIL	Anthracene, 2-methyl- *	74.500	J	0	0	ug/Kg
Q2473-04	PIT#4	SOIL	Benzophenone *	210.000	J	0	0	ug/Kg
Total Tics :				474.50				
Total Concentration:				1,584.00				



SAMPLE DATA

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	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
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

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	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
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)
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

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	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
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)
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

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	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
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)
	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

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#1DL	SDG No.:	Q2473
Lab Sample ID:	Q2473-01DL	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	90
Sample Wt/Vol:	30.04 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
BF143043.D	20	07/02/25 08:55	07/08/25 20:12	PB168694

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	3500	UD	3500	7300	ug/Kg
108-95-2	Phenol	490	UD	490	3800	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	540	UD	540	3800	ug/Kg
95-57-8	2-Chlorophenol	540	UD	540	3800	ug/Kg
95-48-7	2-Methylphenol	660	UD	660	3800	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	830	UD	830	3800	ug/Kg
98-86-2	Acetophenone	650	UD	650	3800	ug/Kg
65794-96-9	3+4-Methylphenols	910	UD	910	7300	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1100	UD	1100	1800	ug/Kg
67-72-1	Hexachloroethane	390	UD	390	3800	ug/Kg
98-95-3	Nitrobenzene	410	UD	410	3800	ug/Kg
78-59-1	Isophorone	730	UD	730	3800	ug/Kg
88-75-5	2-Nitrophenol	1300	UD	1300	3800	ug/Kg
105-67-9	2,4-Dimethylphenol	1400	UD	1400	3800	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	680	UD	680	3800	ug/Kg
120-83-2	2,4-Dichlorophenol	630	UD	630	3800	ug/Kg
91-20-3	Naphthalene	500	UD	500	3800	ug/Kg
106-47-8	4-Chloroaniline	790	UD	790	3800	ug/Kg
87-68-3	Hexachlorobutadiene	560	UD	560	3800	ug/Kg
105-60-2	Caprolactam	1200	UD	1200	7300	ug/Kg
59-50-7	4-Chloro-3-methylphenol	640	UD	640	3800	ug/Kg
91-57-6	2-Methylnaphthalene	570	UD	570	3800	ug/Kg
77-47-4	Hexachlorocyclopentadiene	2600	UD	2600	7300	ug/Kg
88-06-2	2,4,6-Trichlorophenol	440	UD	440	3800	ug/Kg
95-95-4	2,4,5-Trichlorophenol	650	UD	650	3800	ug/Kg
92-52-4	1,1-Biphenyl	480	UD	480	3800	ug/Kg
91-58-7	2-Chloronaphthalene	500	UD	500	3800	ug/Kg
88-74-4	2-Nitroaniline	1100	UD	1100	3800	ug/Kg
131-11-3	Dimethylphthalate	600	UD	600	3800	ug/Kg

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#1DL	SDG No.:	Q2473
Lab Sample ID:	Q2473-01DL	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	90
Sample Wt/Vol:	30.04 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
BF143043.D	20	07/02/25 08:55	07/08/25 20:12	PB168694

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	640	UD	640	3800	ug/Kg
606-20-2	2,6-Dinitrotoluene	750	UD	750	3800	ug/Kg
99-09-2	3-Nitroaniline	1000	UD	1000	3800	ug/Kg
83-32-9	Acenaphthene	2700	JD	470	3800	ug/Kg
51-28-5	2,4-Dinitrophenol	5100	UD	5100	7300	ug/Kg
100-02-7	4-Nitrophenol	2400	UD	2400	7300	ug/Kg
132-64-9	Dibenzofuran	1600	JD	500	3800	ug/Kg
121-14-2	2,4-Dinitrotoluene	1100	UD	1100	3800	ug/Kg
84-66-2	Diethylphthalate	630	UD	630	3800	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	590	UD	590	3800	ug/Kg
86-73-7	Fluorene	3500	JD	560	3800	ug/Kg
100-01-6	4-Nitroaniline	1400	UD	1400	3800	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	2300	UD	2300	7300	ug/Kg
86-30-6	n-Nitrosodiphenylamine	730	UD	730	3800	ug/Kg
101-55-3	4-Bromophenyl-phenylether	620	UD	620	3800	ug/Kg
118-74-1	Hexachlorobenzene	560	UD	560	3800	ug/Kg
1912-24-9	Atrazine	750	UD	750	3800	ug/Kg
87-86-5	Pentachlorophenol	1100	UD	1100	7300	ug/Kg
85-01-8	Phenanthrene	36200	D	460	3800	ug/Kg
120-12-7	Anthracene	10500	D	740	3800	ug/Kg
86-74-8	Carbazole	690	UD	690	3800	ug/Kg
84-74-2	Di-n-butylphthalate	1100	UD	1100	3800	ug/Kg
206-44-0	Fluoranthene	38600	D	670	3800	ug/Kg
129-00-0	Pyrene	23500	D	800	3800	ug/Kg
85-68-7	Butylbenzylphthalate	1600	UDQ	1600	3800	ug/Kg
91-94-1	3,3-Dichlorobenzidine	810	UD	810	7300	ug/Kg
56-55-3	Benzo(a)anthracene	18100	D	510	3800	ug/Kg
218-01-9	Chrysene	14900	D	440	3800	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1300	UD	1300	3800	ug/Kg
117-84-0	Di-n-octyl phthalate	1900	UD	1900	7300	ug/Kg
205-99-2	Benzo(b)fluoranthene	17300	D	420	3800	ug/Kg

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#1DL	SDG No.:	Q2473
Lab Sample ID:	Q2473-01DL	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	90
Sample Wt/Vol:	30.04 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
BF143043.D	20	07/02/25 08:55	07/08/25 20:12	PB168694

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	5800	D	500	3800	ug/Kg
50-32-8	Benzo(a)pyrene	13700	D	650	3800	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	4000	D	650	3800	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	610	UD	610	3800	ug/Kg
191-24-2	Benzo(g,h,i)perylene	4200	D	570	3800	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	570	UD	570	3800	ug/Kg
123-91-1	1,4-Dioxane	1000	UD	1000	3800	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	610	UD	610	3800	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	51.6		18 - 112	34%	SPK: 150
13127-88-3	Phenol-d6	82.3		15 - 107	55%	SPK: 150
4165-60-0	Nitrobenzene-d5	54.2		18 - 107	54%	SPK: 100
321-60-8	2-Fluorobiphenyl	64.2		20 - 109	64%	SPK: 100
118-79-6	2,4,6-Tribromophenol	11.1	*	10 - 116	7%	SPK: 150
1718-51-0	Terphenyl-d14	45.4		10 - 105	45%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	55600	6.869			
1146-65-2	Naphthalene-d8	212000	8.157			
15067-26-2	Acenaphthene-d10	106000	9.916			
1517-22-2	Phenanthrene-d10	160000	11.404			
1719-03-5	Chrysene-d12	122000	14.051			
1520-96-3	Perylene-d12	143000	15.551			

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

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#2	SDG No.:	Q2473
Lab Sample ID:	Q2473-02	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	90.1
Sample Wt/Vol:	30.08 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
BF143022.D	5	07/02/25 08:55	07/07/25 21:52	PB168694

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	860	U	860	1800	ug/Kg
108-95-2	Phenol	120	U	120	940	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	130	U	130	940	ug/Kg
95-57-8	2-Chlorophenol	140	U	140	940	ug/Kg
95-48-7	2-Methylphenol	170	U	170	940	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	210	U	210	940	ug/Kg
98-86-2	Acetophenone	160	U	160	940	ug/Kg
65794-96-9	3+4-Methylphenols	230	U	230	1800	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	260	U	260	440	ug/Kg
67-72-1	Hexachloroethane	97.4	U	97.4	940	ug/Kg
98-95-3	Nitrobenzene	100	U	100	940	ug/Kg
78-59-1	Isophorone	180	U	180	940	ug/Kg
88-75-5	2-Nitrophenol	320	U	320	940	ug/Kg
105-67-9	2,4-Dimethylphenol	360	U	360	940	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	170	U	170	940	ug/Kg
120-83-2	2,4-Dichlorophenol	160	U	160	940	ug/Kg
91-20-3	Naphthalene	130	U	130	940	ug/Kg
106-47-8	4-Chloroaniline	200	U	200	940	ug/Kg
87-68-3	Hexachlorobutadiene	140	U	140	940	ug/Kg
105-60-2	Caprolactam	290	U	290	1800	ug/Kg
59-50-7	4-Chloro-3-methylphenol	160	U	160	940	ug/Kg
91-57-6	2-Methylnaphthalene	140	U	140	940	ug/Kg
77-47-4	Hexachlorocyclopentadiene	640	U	640	1800	ug/Kg
88-06-2	2,4,6-Trichlorophenol	110	U	110	940	ug/Kg
95-95-4	2,4,5-Trichlorophenol	160	U	160	940	ug/Kg
92-52-4	1,1-Biphenyl	120	U	120	940	ug/Kg
91-58-7	2-Chloronaphthalene	120	U	120	940	ug/Kg
88-74-4	2-Nitroaniline	270	U	270	940	ug/Kg
131-11-3	Dimethylphthalate	150	U	150	940	ug/Kg

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#2	SDG No.:	Q2473
Lab Sample ID:	Q2473-02	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	90.1
Sample Wt/Vol:	30.08 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
BF143022.D	5	07/02/25 08:55	07/07/25 21:52	PB168694

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	160	U	160	940	ug/Kg
606-20-2	2,6-Dinitrotoluene	190	U	190	940	ug/Kg
99-09-2	3-Nitroaniline	250	U	250	940	ug/Kg
83-32-9	Acenaphthene	120	U	120	940	ug/Kg
51-28-5	2,4-Dinitrophenol	1300	U	1300	1800	ug/Kg
100-02-7	4-Nitrophenol	590	U	590	1800	ug/Kg
132-64-9	Dibenzofuran	130	U	130	940	ug/Kg
121-14-2	2,4-Dinitrotoluene	280	U	280	940	ug/Kg
84-66-2	Diethylphthalate	160	U	160	940	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	150	U	150	940	ug/Kg
86-73-7	Fluorene	140	U	140	940	ug/Kg
100-01-6	4-Nitroaniline	360	U	360	940	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	570	U	570	1800	ug/Kg
86-30-6	n-Nitrosodiphenylamine	180	U	180	940	ug/Kg
101-55-3	4-Bromophenyl-phenylether	150	U	150	940	ug/Kg
118-74-1	Hexachlorobenzene	140	U	140	940	ug/Kg
1912-24-9	Atrazine	190	U	190	940	ug/Kg
87-86-5	Pentachlorophenol	280	U	280	1800	ug/Kg
85-01-8	Phenanthrene	870	J	120	940	ug/Kg
120-12-7	Anthracene	180	U	180	940	ug/Kg
86-74-8	Carbazole	170	U	170	940	ug/Kg
84-74-2	Di-n-butylphthalate	270	U	270	940	ug/Kg
206-44-0	Fluoranthene	780	J	170	940	ug/Kg
129-00-0	Pyrene	670	J	200	940	ug/Kg
85-68-7	Butylbenzylphthalate	400	UQ	400	940	ug/Kg
91-94-1	3,3-Dichlorobenzidine	200	U	200	1800	ug/Kg
56-55-3	Benzo(a)anthracene	380	J	130	940	ug/Kg
218-01-9	Chrysene	110	U	110	940	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	330	U	330	940	ug/Kg
117-84-0	Di-n-octyl phthalate	480	U	480	1800	ug/Kg
205-99-2	Benzo(b)fluoranthene	390	J	110	940	ug/Kg

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#2	SDG No.:	Q2473
Lab Sample ID:	Q2473-02	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	90.1
Sample Wt/Vol:	30.08 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
BF143022.D	5	07/02/25 08:55	07/07/25 21:52	PB168694

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	120	U	120	940	ug/Kg
50-32-8	Benzo(a)pyrene	160	U	160	940	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	160	U	160	940	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	150	U	150	940	ug/Kg
191-24-2	Benzo(g,h,i)perylene	140	U	140	940	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	140	U	140	940	ug/Kg
123-91-1	1,4-Dioxane	250	U	250	940	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	150	U	150	940	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	44.5		18 - 112	30%	SPK: 150
13127-88-3	Phenol-d6	60.2		15 - 107	40%	SPK: 150
4165-60-0	Nitrobenzene-d5	40.7		18 - 107	41%	SPK: 100
321-60-8	2-Fluorobiphenyl	50.1		20 - 109	50%	SPK: 100
118-79-6	2,4,6-Tribromophenol	23.7		10 - 116	16%	SPK: 150
1718-51-0	Terphenyl-d14	39.7		10 - 105	40%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	71100	6.875			
1146-65-2	Naphthalene-d8	254000	8.157			
15067-26-2	Acenaphthene-d10	114000	9.916			
1517-22-2	Phenanthrene-d10	162000	11.41			
1719-03-5	Chrysene-d12	118000	14.057			
1520-96-3	Perylene-d12	87000	15.557			
TENTATIVE IDENTIFIED COMPOUNDS						
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	410	AB		5.08	ug/Kg
000090-60-8	Benzaldehyde, 3,5-dichloro-2-hydro	370	J		12.0	ug/Kg

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#2	SDG No.:	Q2473
Lab Sample ID:	Q2473-02	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	90.1
Sample Wt/Vol:	30.08 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
BF143022.D	5	07/02/25 08:55	07/07/25 21:52	PB168694

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
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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

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#3	SDG No.:	Q2473
Lab Sample ID:	Q2473-03	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	88.4
Sample Wt/Vol:	30.1 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
BF143019.D	2	07/02/25 08:55	07/07/25 20:21	PB168694

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	350	U	350	740	ug/Kg
108-95-2	Phenol	49.8	U	49.8	380	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	54.8	U	54.8	380	ug/Kg
95-57-8	2-Chlorophenol	55.0	U	55.0	380	ug/Kg
95-48-7	2-Methylphenol	67.4	U	67.4	380	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	84.6	U	84.6	380	ug/Kg
98-86-2	Acetophenone	66.5	U	66.5	380	ug/Kg
65794-96-9	3+4-Methylphenols	92.7	U	92.7	740	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	110	U	110	180	ug/Kg
67-72-1	Hexachloroethane	39.7	U	39.7	380	ug/Kg
98-95-3	Nitrobenzene	41.3	U	41.3	380	ug/Kg
78-59-1	Isophorone	74.0	U	74.0	380	ug/Kg
88-75-5	2-Nitrophenol	130	U	130	380	ug/Kg
105-67-9	2,4-Dimethylphenol	150	U	150	380	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	69.5	U	69.5	380	ug/Kg
120-83-2	2,4-Dichlorophenol	63.8	U	63.8	380	ug/Kg
91-20-3	Naphthalene	51.2	U	51.2	380	ug/Kg
106-47-8	4-Chloroaniline	79.8	U	79.8	380	ug/Kg
87-68-3	Hexachlorobutadiene	57.0	U	57.0	380	ug/Kg
105-60-2	Caprolactam	120	U	120	740	ug/Kg
59-50-7	4-Chloro-3-methylphenol	64.7	U	64.7	380	ug/Kg
91-57-6	2-Methylnaphthalene	57.7	U	57.7	380	ug/Kg
77-47-4	Hexachlorocyclopentadiene	260	U	260	740	ug/Kg
88-06-2	2,4,6-Trichlorophenol	44.6	U	44.6	380	ug/Kg
95-95-4	2,4,5-Trichlorophenol	65.6	U	65.6	380	ug/Kg
92-52-4	1,1-Biphenyl	49.2	U	49.2	380	ug/Kg
91-58-7	2-Chloronaphthalene	50.7	U	50.7	380	ug/Kg
88-74-4	2-Nitroaniline	110	U	110	380	ug/Kg
131-11-3	Dimethylphthalate	61.1	U	61.1	380	ug/Kg

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#3	SDG No.:	Q2473
Lab Sample ID:	Q2473-03	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	88.4
Sample Wt/Vol:	30.1 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
BF143019.D	2	07/02/25 08:55	07/07/25 20:21	PB168694

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	65.2	U	65.2	380	ug/Kg
606-20-2	2,6-Dinitrotoluene	75.8	U	75.8	380	ug/Kg
99-09-2	3-Nitroaniline	100	U	100	380	ug/Kg
83-32-9	Acenaphthene	48.0	U	48.0	380	ug/Kg
51-28-5	2,4-Dinitrophenol	520	U	520	740	ug/Kg
100-02-7	4-Nitrophenol	240	U	240	740	ug/Kg
132-64-9	Dibenzofuran	51.2	U	51.2	380	ug/Kg
121-14-2	2,4-Dinitrotoluene	110	U	110	380	ug/Kg
84-66-2	Diethylphthalate	63.8	U	63.8	380	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	60.2	U	60.2	380	ug/Kg
86-73-7	Fluorene	57.0	U	57.0	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	740	ug/Kg
86-30-6	n-Nitrosodiphenylamine	74.2	U	74.2	380	ug/Kg
101-55-3	4-Bromophenyl-phenylether	62.7	U	62.7	380	ug/Kg
118-74-1	Hexachlorobenzene	57.0	U	57.0	380	ug/Kg
1912-24-9	Atrazine	76.7	U	76.7	380	ug/Kg
87-86-5	Pentachlorophenol	120	U	120	740	ug/Kg
85-01-8	Phenanthrene	520		47.1	380	ug/Kg
120-12-7	Anthracene	75.1	U	75.1	380	ug/Kg
86-74-8	Carbazole	70.4	U	70.4	380	ug/Kg
84-74-2	Di-n-butylphthalate	110	U	110	380	ug/Kg
206-44-0	Fluoranthene	940		67.6	380	ug/Kg
129-00-0	Pyrene	570		81.2	380	ug/Kg
85-68-7	Butylbenzylphthalate	160	UQ	160	380	ug/Kg
91-94-1	3,3-Dichlorobenzidine	82.8	U	82.8	740	ug/Kg
56-55-3	Benzo(a)anthracene	370	J	51.9	380	ug/Kg
218-01-9	Chrysene	340	J	44.9	380	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	220	J	130	380	ug/Kg
117-84-0	Di-n-octyl phthalate	200	U	200	740	ug/Kg
205-99-2	Benzo(b)fluoranthene	460		42.8	380	ug/Kg

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#3	SDG No.:	Q2473
Lab Sample ID:	Q2473-03	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	88.4
Sample Wt/Vol:	30.1 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
BF143019.D	2	07/02/25 08:55	07/07/25 20:21	PB168694

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	200	J	50.5	380	ug/Kg
50-32-8	Benzo(a)pyrene	330	J	66.5	380	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	65.6	U	65.6	380	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	61.8	U	61.8	380	ug/Kg
191-24-2	Benzo(g,h,i)perylene	170	J	58.0	380	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	57.7	U	57.7	380	ug/Kg
123-91-1	1,4-Dioxane	100	U	100	380	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	61.8	U	61.8	380	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	51.9		18 - 112	35%	SPK: 150
13127-88-3	Phenol-d6	58.7		15 - 107	39%	SPK: 150
4165-60-0	Nitrobenzene-d5	40.0		18 - 107	40%	SPK: 100
321-60-8	2-Fluorobiphenyl	43.2		20 - 109	43%	SPK: 100
118-79-6	2,4,6-Tribromophenol	35.3		10 - 116	24%	SPK: 150
1718-51-0	Terphenyl-d14	34.6		10 - 105	35%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	65200		6.875		
1146-65-2	Naphthalene-d8	225000		8.157		
15067-26-2	Acenaphthene-d10	110000		9.916		
1517-22-2	Phenanthrene-d10	190000		11.404		
1719-03-5	Chrysene-d12	157000		14.057		
1520-96-3	Perylene-d12	111000		15.557		
TENTATIVE IDENTIFIED COMPOUNDS						
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	270	AB		5.08	ug/Kg
000119-61-9	Benzophenone	210	J		10.6	ug/Kg
013674-84-5	2-Propanol, 1-chloro-, phosphate (	200	J		11.3	ug/Kg
000090-60-8	Benzaldehyde, 3,5-dichloro-2-hydro	170	J		12.0	ug/Kg

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#3	SDG No.:	Q2473
Lab Sample ID:	Q2473-03	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	88.4
Sample Wt/Vol:	30.1 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
BF143019.D	2	07/02/25 08:55	07/07/25 20:21	PB168694

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
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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

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#4	SDG No.:	Q2473
Lab Sample ID:	Q2473-04	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	90.7
Sample Wt/Vol:	30.05 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
BF143001.D	1	07/02/25 08:55	07/03/25 17:30	PB168694

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	170	U	170	360	ug/Kg
108-95-2	Phenol	24.3	U	24.3	190	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	26.7	U	26.7	190	ug/Kg
95-57-8	2-Chlorophenol	26.9	U	26.9	190	ug/Kg
95-48-7	2-Methylphenol	32.9	U	32.9	190	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	41.3	U	41.3	190	ug/Kg
98-86-2	Acetophenone	32.5	U	32.5	190	ug/Kg
65794-96-9	3+4-Methylphenols	45.2	U	45.2	360	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	52.2	U	52.2	88.1	ug/Kg
67-72-1	Hexachloroethane	19.4	U	19.4	190	ug/Kg
98-95-3	Nitrobenzene	20.1	U	20.1	190	ug/Kg
78-59-1	Isophorone	36.1	U	36.1	190	ug/Kg
88-75-5	2-Nitrophenol	64.1	U	64.1	190	ug/Kg
105-67-9	2,4-Dimethylphenol	71.3	U	71.3	190	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	33.9	U	33.9	190	ug/Kg
120-83-2	2,4-Dichlorophenol	31.1	U	31.1	190	ug/Kg
91-20-3	Naphthalene	25.0	U	25.0	190	ug/Kg
106-47-8	4-Chloroaniline	39.0	U	39.0	190	ug/Kg
87-68-3	Hexachlorobutadiene	27.8	U	27.8	190	ug/Kg
105-60-2	Caprolactam	57.3	U	57.3	360	ug/Kg
59-50-7	4-Chloro-3-methylphenol	31.6	U	31.6	190	ug/Kg
91-57-6	2-Methylnaphthalene	28.2	U	28.2	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	130	U	130	360	ug/Kg
88-06-2	2,4,6-Trichlorophenol	21.8	U	21.8	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	32.0	U	32.0	190	ug/Kg
92-52-4	1,1-Biphenyl	24.0	U	24.0	190	ug/Kg
91-58-7	2-Chloronaphthalene	24.8	U	24.8	190	ug/Kg
88-74-4	2-Nitroaniline	52.9	U	52.9	190	ug/Kg
131-11-3	Dimethylphthalate	29.8	U	29.8	190	ug/Kg

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#4	SDG No.:	Q2473
Lab Sample ID:	Q2473-04	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	90.7
Sample Wt/Vol:	30.05 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
BF143001.D	1	07/02/25 08:55	07/03/25 17:30	PB168694

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	31.8	U	31.8	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	37.0	U	37.0	190	ug/Kg
99-09-2	3-Nitroaniline	50.6	U	50.6	190	ug/Kg
83-32-9	Acenaphthene	23.4	U	23.4	190	ug/Kg
51-28-5	2,4-Dinitrophenol	250	U	250	360	ug/Kg
100-02-7	4-Nitrophenol	120	U	120	360	ug/Kg
132-64-9	Dibenzofuran	25.0	U	25.0	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	55.1	U	55.1	190	ug/Kg
84-66-2	Diethylphthalate	31.1	U	31.1	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	29.4	U	29.4	190	ug/Kg
86-73-7	Fluorene	27.8	U	27.8	190	ug/Kg
100-01-6	4-Nitroaniline	70.7	U	70.7	190	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	110	U	110	360	ug/Kg
86-30-6	n-Nitrosodiphenylamine	36.2	U	36.2	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	30.6	U	30.6	190	ug/Kg
118-74-1	Hexachlorobenzene	27.8	U	27.8	190	ug/Kg
1912-24-9	Atrazine	37.4	U	37.4	190	ug/Kg
87-86-5	Pentachlorophenol	56.5	U	56.5	360	ug/Kg
85-01-8	Phenanthrene	210		23.0	190	ug/Kg
120-12-7	Anthracene	36.7	U	36.7	190	ug/Kg
86-74-8	Carbazole	34.3	U	34.3	190	ug/Kg
84-74-2	Di-n-butylphthalate	52.7	U	52.7	190	ug/Kg
206-44-0	Fluoranthene	270		33.0	190	ug/Kg
129-00-0	Pyrene	140	J	39.6	190	ug/Kg
85-68-7	Butylbenzylphthalate	78.6	UQ	78.6	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	40.4	U	40.4	360	ug/Kg
56-55-3	Benzo(a)anthracene	120	J	25.3	190	ug/Kg
218-01-9	Chrysene	99.5	J	21.9	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	65.2	U	65.2	190	ug/Kg
117-84-0	Di-n-octyl phthalate	95.5	U	95.5	360	ug/Kg
205-99-2	Benzo(b)fluoranthene	160	J	20.9	190	ug/Kg

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#4	SDG No.:	Q2473
Lab Sample ID:	Q2473-04	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	90.7
Sample Wt/Vol:	30.05 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
BF143001.D	1	07/02/25 08:55	07/03/25 17:30	PB168694

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	24.7	U	24.7	190	ug/Kg
50-32-8	Benzo(a)pyrene	110	J	32.5	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	32.0	U	32.0	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	30.2	U	30.2	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	28.3	U	28.3	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	28.2	U	28.2	190	ug/Kg
123-91-1	1,4-Dioxane	49.8	U	49.8	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	30.2	U	30.2	190	ug/Kg

SURROGATES

367-12-4	2-Fluorophenol	64.7		18 - 112	43%	SPK: 150
13127-88-3	Phenol-d6	66.0		15 - 107	44%	SPK: 150
4165-60-0	Nitrobenzene-d5	42.5		18 - 107	42%	SPK: 100
321-60-8	2-Fluorobiphenyl	46.0		20 - 109	46%	SPK: 100
118-79-6	2,4,6-Tribromophenol	55.9		10 - 116	37%	SPK: 150
1718-51-0	Terphenyl-d14	27.9		10 - 105	28%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	76300	6.875	
1146-65-2	Naphthalene-d8	284000	8.157	
15067-26-2	Acenaphthene-d10	135000	9.91	
1517-22-2	Phenanthrene-d10	188000	11.404	
1719-03-5	Chrysene-d12	176000	14.051	
1520-96-3	Perylene-d12	146000	15.539	

TENTATIVE IDENTIFIED COMPOUNDS

000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	190	AB	5.09	ug/Kg
000119-61-9	Benzophenone	210	J	10.6	ug/Kg
000613-12-7	Anthracene, 2-methyl-	74.5	J	11.9	ug/Kg

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#4	SDG No.:	Q2473
Lab Sample ID:	Q2473-04	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	90.7
Sample Wt/Vol:	30.05 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
BF143001.D	1	07/02/25 08:55	07/03/25 17:30	PB168694

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
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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



QC SUMMARY

Surrogate Summary

SW-846

SDG No.: Q2473

Client: JPCL Engineering

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
							Low	High
PB168694BL	PB168694BL	2-Fluorophenol	150	121	81		18	112
		Phenol-d6	150	119	80		15	107
		Nitrobenzene-d5	100	76.7	77		18	107
		2-Fluorobiphenyl	100	75.5	76		20	109
		2,4,6-Tribromophenol	150	124	82		10	116
		Terphenyl-d14	100	76.8	77		10	105
PB168694BS	PB168694BS	2-Fluorophenol	150	119	80		18	112
		Phenol-d6	150	117	78		15	107
		Nitrobenzene-d5	100	76.6	77		18	107
		2-Fluorobiphenyl	100	79.8	80		20	109
		2,4,6-Tribromophenol	150	122	81		10	116
		Terphenyl-d14	100	67.7	68		10	105
Q2473-01	PIT#1	2-Fluorophenol	150	53.2	35		18	112
		Phenol-d6	150	69.7	46		15	107
		Nitrobenzene-d5	100	46.1	46		18	107
		2-Fluorobiphenyl	100	49.5	50		20	109
		2,4,6-Tribromophenol	150	25.5	17		10	116
		Terphenyl-d14	100	47.1	47		10	105
Q2473-01DL	PIT#1DL	2-Fluorophenol	150	51.6	34		18	112
		Phenol-d6	150	82.3	55		15	107
		Nitrobenzene-d5	100	54.2	54		18	107
		2-Fluorobiphenyl	100	64.2	64		20	109
		2,4,6-Tribromophenol	150	11.1	7	*	10	116
		Terphenyl-d14	100	45.4	45		10	105
Q2473-02	PIT#2	2-Fluorophenol	150	44.5	30		18	112
		Phenol-d6	150	60.2	40		15	107
		Nitrobenzene-d5	100	40.7	41		18	107
		2-Fluorobiphenyl	100	50.1	50		20	109
		2,4,6-Tribromophenol	150	23.7	16		10	116
		Terphenyl-d14	100	39.7	40		10	105
Q2473-03	PIT#3	2-Fluorophenol	150	51.9	35		18	112
		Phenol-d6	150	58.7	39		15	107
		Nitrobenzene-d5	100	40.0	40		18	107
		2-Fluorobiphenyl	100	43.2	43		20	109
		2,4,6-Tribromophenol	150	35.3	24		10	116
		Terphenyl-d14	100	34.6	35		10	105
Q2473-04	PIT#4	2-Fluorophenol	150	64.7	43		18	112
		Phenol-d6	150	66.0	44		15	107
		Nitrobenzene-d5	100	42.5	42		18	107
		2-Fluorobiphenyl	100	46.0	46		20	109
		2,4,6-Tribromophenol	150	55.9	37		10	116
		Terphenyl-d14	100	27.9	28		10	105
Q2475-01MS	SOIL-PILEMS	2-Fluorophenol	150	70.7	47		18	112
		Phenol-d6	150	74.0	49		15	107
		Nitrobenzene-d5	100	46.8	47		18	107
		2-Fluorobiphenyl	100	43.0	43		20	109
		2,4,6-Tribromophenol	150	67.8	45		10	116
		Terphenyl-d14	100	33.5	33		10	105
Q2475-01MSD	SOIL-PILEMSD	2-Fluorophenol	150	70.0	47		18	112
		Phenol-d6	150	73.3	49		15	107
		Nitrobenzene-d5	100	44.8	45		18	107

Surrogate Summary

SW-846

SDG No.: Q2473

Client: JPCL Engineering

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
							Low	High
Q2475-01MSD SOIL-PILEMSD		2-Fluorobiphenyl	100	42.0	42		20	109
		2,4,6-Tribromophenol	150	61.7	41		10	116
		Terphenyl-d14	100	31.4	31		10	105

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2473

Analytical Method: SW8270E

Client: JPCL Engineering

DataFile: BF142982.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: Q2475-01MS		Client Sample ID: SOIL-PILEMS									
Benzaldehyde	1300	0	1300	ug/Kg	100				10	171	
Phenol	1300	0	1100	ug/Kg	85				51	122	
bis(2-Chloroethyl)ether	1300	0	1100	ug/Kg	85				54	125	
2-Chlorophenol	1300	0	1100	ug/Kg	85				51	121	
2-Methylphenol	1300	0	1200	ug/Kg	92				47	125	
2,2-oxybis(1-Chloropropane)	1300	0	1100	ug/Kg	85				46	119	
Acetophenone	1300	0	1200	ug/Kg	92				55	128	
3+4-Methylphenols	1300	0	1200	ug/Kg	92				49	125	
N-Nitroso-di-n-propylamine	1300	0	1100	ug/Kg	85				59	119	
Hexachloroethane	1300	0	1100	ug/Kg	85				51	116	
Nitrobenzene	1300	0	1100	ug/Kg	85				47	124	
Isophorone	1300	0	1200	ug/Kg	92				49	127	
2-Nitrophenol	1300	0	1200	ug/Kg	92				43	131	
2,4-Dimethylphenol	1300	0	1100	ug/Kg	85				63	151	
bis(2-Chloroethoxy)methane	1300	0	1200	ug/Kg	92				51	119	
2,4-Dichlorophenol	1300	0	1200	ug/Kg	92				50	122	
Naphthalene	1300	0	1200	ug/Kg	92				51	121	
4-Chloroaniline	1300	0	590	ug/Kg	45				10	100	
Hexachlorobutadiene	1300	0	1200	ug/Kg	92				44	126	
Caprolactam	1300	0	1400	ug/Kg	108				51	134	
4-Chloro-3-methylphenol	1300	0	1200	ug/Kg	92				57	132	
2-Methylnaphthalene	1300	0	1200	ug/Kg	92				59	123	
Hexachlorocyclopentadiene	2500	0	1600	ug/Kg	64				10	175	
2,4,6-Trichlorophenol	1300	0	1200	ug/Kg	92				33	141	
2,4,5-Trichlorophenol	1300	0	1200	ug/Kg	92				38	135	
1,1-Biphenyl	1300	0	1200	ug/Kg	92				55	131	
2-Chloronaphthalene	1300	0	1200	ug/Kg	92				48	124	
2-Nitroaniline	1300	0	1200	ug/Kg	92				47	134	
Dimethylphthalate	1300	0	1300	ug/Kg	100				54	120	
Acenaphthylene	1300	0	1200	ug/Kg	92				57	125	
2,6-Dinitrotoluene	1300	0	1200	ug/Kg	92				48	127	
3-Nitroaniline	1300	0	780	ug/Kg	60				10	112	
Acenaphthene	1300	0	1300	ug/Kg	100				70	121	
2,4-Dinitrophenol	2500	0	2200	ug/Kg	88				10	155	
4-Nitrophenol	2500	0	2100	ug/Kg	84				10	175	
Dibenzofuran	1300	0	1200	ug/Kg	92				52	114	
2,4-Dinitrotoluene	1300	0	1200	ug/Kg	92				41	140	
Diethylphthalate	1300	0	1300	ug/Kg	100				51	119	
4-Chlorophenyl-phenylether	1300	0	1200	ug/Kg	92				48	122	
Fluorene	1300	70.1	1200	ug/Kg	87				53	118	
4-Nitroaniline	1300	0	1200	ug/Kg	92				29	140	
4,6-Dinitro-2-methylphenol	1300	0	1200	ug/Kg	92				10	160	
N-Nitrosodiphenylamine	1300	0	1300	ug/Kg	100				73	118	
4-Bromophenyl-phenylether	1300	0	1300	ug/Kg	100				65	121	
Hexachlorobenzene	1300	0	1200	ug/Kg	92				67	118	
Atrazine	1300	0	1500	ug/Kg	115				45	175	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2473

Analytical Method: SW8270E

Client: JPCL Engineering

DataFile: BF142982.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Pentachlorophenol	2500	0	2300	ug/Kg	92				13	153	
Phenanthrene	1300	420	1500	ug/Kg	83				52	128	
Anthracene	1300	64.9	1200	ug/Kg	87				62	124	
Carbazole	1300	56.1	1200	ug/Kg	88				59	119	
Di-n-butylphthalate	1300	0	1500	ug/Kg	115				55	125	
Fluoranthene	1300	1200	2100	ug/Kg	69				44	125	
Pyrene	1300	680	1400	ug/Kg	55				37	122	
Butylbenzylphthalate	1300	0	1300	ug/Kg	100				44	135	
3,3-Dichlorobenzidine	1300	0	740	ug/Kg	57				15	112	
Benzo(a)anthracene	1300	390	1500	ug/Kg	85				53	119	
Chrysene	1300	500	1600	ug/Kg	85				57	121	
bis(2-Ethylhexyl)phthalate	1300	0	1300	ug/Kg	100				42	169	
Di-n-octyl phthalate	1300	0	1100	ug/Kg	85				51	156	
Benzo(b)fluoranthene	1300	660	1800	ug/Kg	88				52	117	
Benzo(k)fluoranthene	1300	210	1600	ug/Kg	107				57	134	
Benzo(a)pyrene	1300	310	1500	ug/Kg	92				70	142	
Indeno(1,2,3-cd)pyrene	1300	100	890	ug/Kg	61				40	129	
Dibenz(a,h)anthracene	1300	0	840	ug/Kg	65				43	123	
Benzo(g,h,i)perylene	1300	120	850	ug/Kg	56				24	125	
1,2,4,5-Tetrachlorobenzene	1300	0	1200	ug/Kg	92				52	134	
1,4-Dioxane	1300	0	890	ug/Kg	68				46	112	
2,3,4,6-Tetrachlorophenol	1300	0	1100	ug/Kg	85				24	146	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2473

Analytical Method: SW8270E

Client: JPCL Engineering

DataFile: BF142983.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	Q2475-01MSD	Client Sample ID:	SOIL-PILEMSD								
Benzaldehyde	1300	0	1200	ug/Kg	92		8		10	171	20
Phenol	1300	0	1100	ug/Kg	85		0		51	122	20
bis(2-Chloroethyl)ether	1300	0	1100	ug/Kg	85		0		54	125	20
2-Chlorophenol	1300	0	1100	ug/Kg	85		0		51	121	20
2-Methylphenol	1300	0	1100	ug/Kg	85		8		47	125	20
2,2-oxybis(1-Chloropropane)	1300	0	1000	ug/Kg	77		10		46	119	20
Acetophenone	1300	0	1100	ug/Kg	85		8		55	128	20
3+4-Methylphenols	1300	0	1200	ug/Kg	92		0		49	125	20
N-Nitroso-di-n-propylamine	1300	0	1100	ug/Kg	85		0		59	119	20
Hexachloroethane	1300	0	1100	ug/Kg	85		0		51	116	20
Nitrobenzene	1300	0	1100	ug/Kg	85		0		47	124	20
Isophorone	1300	0	1100	ug/Kg	85		8		49	127	20
2-Nitrophenol	1300	0	1200	ug/Kg	92		0		43	131	20
2,4-Dimethylphenol	1300	0	1100	ug/Kg	85		0		63	151	20
bis(2-Chloroethoxy)methane	1300	0	1100	ug/Kg	85		8		51	119	20
2,4-Dichlorophenol	1300	0	1100	ug/Kg	85		8		50	122	20
Naphthalene	1300	0	1100	ug/Kg	85		8		51	121	20
4-Chloroaniline	1300	0	550	ug/Kg	42		7		10	100	20
Hexachlorobutadiene	1300	0	1100	ug/Kg	85		8		44	126	20
Caprolactam	1300	0	1300	ug/Kg	100		8		51	134	20
4-Chloro-3-methylphenol	1300	0	1100	ug/Kg	85		8		57	132	20
2-Methylnaphthalene	1300	0	1100	ug/Kg	85		8		59	123	20
Hexachlorocyclopentadiene	2500	0	1600	ug/Kg	64		0		10	175	20
2,4,6-Trichlorophenol	1300	0	1100	ug/Kg	85		8		33	141	20
2,4,5-Trichlorophenol	1300	0	1100	ug/Kg	85		8		38	135	20
1,1-Biphenyl	1300	0	1200	ug/Kg	92		0		55	131	20
2-Chloronaphthalene	1300	0	1100	ug/Kg	85		8		48	124	20
2-Nitroaniline	1300	0	1200	ug/Kg	92		0		47	134	20
Dimethylphthalate	1300	0	1200	ug/Kg	92		8		54	120	20
Acenaphthylene	1300	0	1100	ug/Kg	85		8		57	125	20
2,6-Dinitrotoluene	1300	0	1200	ug/Kg	92		0		48	127	20
3-Nitroaniline	1300	0	720	ug/Kg	55		9		10	112	20
Acenaphthene	1300	0	1200	ug/Kg	92		8		70	121	20
2,4-Dinitrophenol	2500	0	2100	ug/Kg	84		5		10	155	20
4-Nitrophenol	2500	0	1900	ug/Kg	76		10		10	175	20
Dibenzofuran	1300	0	1100	ug/Kg	85		8		52	114	20
2,4-Dinitrotoluene	1300	0	1100	ug/Kg	85		8		41	140	20
Diethylphthalate	1300	0	1200	ug/Kg	92		8		51	119	20
4-Chlorophenyl-phenylether	1300	0	1100	ug/Kg	85		8		48	122	20
Fluorene	1300	70.1	1100	ug/Kg	79		10		53	118	20
4-Nitroaniline	1300	0	1000	ug/Kg	77		18		29	140	20
4,6-Dinitro-2-methylphenol	1300	0	1100	ug/Kg	85		8		10	160	20
N-Nitrosodiphenylamine	1300	0	1300	ug/Kg	100		0		73	118	20
4-Bromophenyl-phenylether	1300	0	1300	ug/Kg	100		0		65	121	20
Hexachlorobenzene	1300	0	1200	ug/Kg	92		0		67	118	20
Atrazine	1300	0	1500	ug/Kg	115		0		45	175	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2473

Analytical Method: SW8270E

Client: JPCL Engineering

DataFile: BF142983.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Pentachlorophenol	2500	0	2300	ug/Kg	92		0		13	153	20
Phenanthrene	1300	420	1400	ug/Kg	75		10		52	128	20
Anthracene	1300	64.9	1200	ug/Kg	87		0		62	124	20
Carbazole	1300	56.1	1200	ug/Kg	88		0		59	119	20
Di-n-butylphthalate	1300	0	1400	ug/Kg	108		6		55	125	20
Fluoranthene	1300	1200	2000	ug/Kg	62		11		44	125	20
Pyrene	1300	680	1400	ug/Kg	55		0		37	122	20
Butylbenzylphthalate	1300	0	1200	ug/Kg	92		8		44	135	20
3,3-Dichlorobenzidine	1300	0	750	ug/Kg	58		2		15	112	20
Benzo(a)anthracene	1300	390	1500	ug/Kg	85		0		53	119	20
Chrysene	1300	500	1500	ug/Kg	77		10		57	121	20
bis(2-Ethylhexyl)phthalate	1300	0	1200	ug/Kg	92		8		42	169	20
Di-n-octyl phthalate	1300	0	1100	ug/Kg	85		0		51	156	20
Benzo(b)fluoranthene	1300	660	1800	ug/Kg	88		0		52	117	20
Benzo(k)fluoranthene	1300	210	1600	ug/Kg	107		0		57	134	20
Benzo(a)pyrene	1300	310	1400	ug/Kg	84		9		70	142	20
Indeno(1,2,3-cd)pyrene	1300	100	860	ug/Kg	58		5		40	129	20
Dibenz(a,h)anthracene	1300	0	800	ug/Kg	62		5		43	123	20
Benzo(g,h,i)perylene	1300	120	820	ug/Kg	54		4		24	125	20
1,2,4,5-Tetrachlorobenzene	1300	0	1200	ug/Kg	92		0		52	134	20
1,4-Dioxane	1300	0	900	ug/Kg	69		1		46	112	20
2,3,4,6-Tetrachlorophenol	1300	0	1000	ug/Kg	77		10		24	146	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2473

Analytical Method: 8270E

Client: JPCL Engineering

DataFile: BF142989.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB168694BS	Benzaldehyde	1700	920	ug/Kg	54				10	133	
	Phenol	1700	1400	ug/Kg	82				62	112	
	bis(2-Chloroethyl)ether	1700	1400	ug/Kg	82				60	101	
	2-Chlorophenol	1700	1400	ug/Kg	82				65	112	
	2-Methylphenol	1700	1400	ug/Kg	82				61	108	
	2,2-oxybis(1-Chloropropane)	1700	1400	ug/Kg	82				51	100	
	Acetophenone	1700	1500	ug/Kg	88				66	98	
	3+4-Methylphenols	1700	1400	ug/Kg	82				58	111	
	N-Nitroso-di-n-propylamine	1700	1400	ug/Kg	82				63	95	
	Hexachloroethane	1700	1500	ug/Kg	88				72	108	
	Nitrobenzene	1700	1500	ug/Kg	88				57	101	
	Isophorone	1700	1400	ug/Kg	82				59	99	
	2-Nitrophenol	1700	1500	ug/Kg	88				61	111	
	2,4-Dimethylphenol	1700	1400	ug/Kg	82				46	141	
	bis(2-Chloroethoxy)methane	1700	1500	ug/Kg	88				66	97	
	2,4-Dichlorophenol	1700	1500	ug/Kg	88				62	107	
	Naphthalene	1700	1500	ug/Kg	88				62	100	
	4-Chloroaniline	1700	980	ug/Kg	58				16	100	
	Hexachlorobutadiene	1700	1500	ug/Kg	88				53	98	
	Caprolactam	1700	1500	ug/Kg	88				67	110	
	4-Chloro-3-methylphenol	1700	1400	ug/Kg	82				58	112	
	2-Methylnaphthalene	1700	1500	ug/Kg	88				60	104	
	Hexachlorocyclopentadiene	3300	2900	ug/Kg	88				45	165	
	2,4,6-Trichlorophenol	1700	1500	ug/Kg	88				59	102	
	2,4,5-Trichlorophenol	1700	1500	ug/Kg	88				61	98	
	1,1-Biphenyl	1700	1500	ug/Kg	88				57	103	
	2-Chloronaphthalene	1700	1500	ug/Kg	88				58	99	
	2-Nitroaniline	1700	1400	ug/Kg	82				66	101	
	Dimethylphthalate	1700	1500	ug/Kg	88				61	99	
	Acenaphthylene	1700	1500	ug/Kg	88				63	101	
	2,6-Dinitrotoluene	1700	1500	ug/Kg	88				61	104	
	3-Nitroaniline	1700	1000	ug/Kg	59				28	100	
	Acenaphthene	1700	1600	ug/Kg	94				57	104	
	2,4-Dinitrophenol	3300	2800	ug/Kg	85				37	128	
	4-Nitrophenol	3300	2600	ug/Kg	79				48	119	
	Dibenzofuran	1700	1500	ug/Kg	88				63	99	
	2,4-Dinitrotoluene	1700	1500	ug/Kg	88				60	106	
	Diethylphthalate	1700	1500	ug/Kg	88				60	101	
	4-Chlorophenyl-phenylether	1700	1500	ug/Kg	88				58	98	
	Fluorene	1700	1500	ug/Kg	88				61	101	
	4-Nitroaniline	1700	1400	ug/Kg	82				64	103	
	4,6-Dinitro-2-methylphenol	1700	1500	ug/Kg	88				76	113	
	N-Nitrosodiphenylamine	1700	1600	ug/Kg	94				71	99	
	4-Bromophenyl-phenylether	1700	1600	ug/Kg	94				66	102	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2473

Analytical Method: 8270E

Client: JPCL Engineering

DataFile: BF142989.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Limits		RPD
							Qual	Qual	Low	High	
PB168694BS	Hexachlorobenzene	1700	1600	ug/Kg	94				64	98	
	Atrazine	1700	1800	ug/Kg	106				47	152	
	Pentachlorophenol	3300	2900	ug/Kg	88				67	105	
	Phenanthrene	1700	1500	ug/Kg	88				59	103	
	Anthracene	1700	1500	ug/Kg	88				61	105	
	Carbazole	1700	1500	ug/Kg	88				61	99	
	Di-n-butylphthalate	1700	1700	ug/Kg	100				58	104	
	Fluoranthene	1700	1500	ug/Kg	88				57	107	
	Pyrene	1700	1200	ug/Kg	71				59	103	
	Butylbenzylphthalate	1700	1800	ug/Kg	106		*		55	103	
	3,3-Dichlorobenzidine	1700	1000	ug/Kg	59				42	91	
	Benzo(a)anthracene	1700	1500	ug/Kg	88				60	102	
	Chrysene	1700	1500	ug/Kg	88				59	101	
	bis(2-Ethylhexyl)phthalate	1700	1800	ug/Kg	106				54	135	
	Di-n-octyl phthalate	1700	1700	ug/Kg	100				52	137	
	Benzo(b)fluoranthene	1700	1700	ug/Kg	100				62	109	
	Benzo(k)fluoranthene	1700	1400	ug/Kg	82				62	109	
	Benzo(a)pyrene	1700	1600	ug/Kg	94				63	103	
	Indeno(1,2,3-cd)pyrene	1700	1400	ug/Kg	82				63	101	
	Dibenz(a,h)anthracene	1700	1400	ug/Kg	82				61	112	
	Benzo(g,h,i)perylene	1700	1400	ug/Kg	82				70	108	
	1,2,4,5-Tetrachlorobenzene	1700	1500	ug/Kg	88				53	101	
	1,4-Dioxane	1700	1100	ug/Kg	65				50	96	
	2,3,4,6-Tetrachlorophenol	1700	1400	ug/Kg	82				59	108	

4B

SEMIVOLATILE METHOD BLANK SUMMARY

Client ID

PB168694BL

Lab Name: Alliance

Contract: JPCL01

Lab Code: ACE

SDG NO.: Q2473

Lab File ID: BF142988.D

Lab Sample ID: PB168694BL

Instrument ID: BNA_F

Date Extracted: 07/02/2025

Matrix: (soil/water) SOIL

Date Analyzed: 07/03/2025

Level: (low/med) LOW

Time Analyzed: 10:26

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB168694BS	PB168694BS	BF142989.D	07/03/2025
PIT#4	Q2473-04	BF143001.D	07/03/2025
PIT#1	Q2473-01	BF143020.D	07/07/2025
PIT#3	Q2473-03	BF143019.D	07/07/2025
PIT#2	Q2473-02	BF143022.D	07/07/2025
SOIL-PILEMS	Q2475-01MS	BF142982.D	07/02/2025
SOIL-PILEMSD	Q2475-01MSD	BF142983.D	07/02/2025

COMMENTS: _____

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance
Lab Code: ACE
Lab File ID: BF142787.D
Instrument ID: BNA_F

Contract: JPCL01
SDG NO.: Q2473
DFTPP Injection Date: 06/19/2025
DFTPP Injection Time: 16:37

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	33.9
68	Less than 2.0% of mass 69	0.6 (1.8) 1
69	Mass 69 relative abundance	30.9
70	Less than 2.0% of mass 69	0.1 (0.5) 1
127	10.0 - 80.0% of mass 198	41.6
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	5.8
275	10.0 - 60.0% of mass 198	24.9
365	Greater than 1% of mass 198	3.3
441	Present, but less than mass 443	15
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.1 (19.1) 2

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDICC2.5	SSTDICC2.5	BF142788.D	06/19/2025	17:07
SSTDICC005	SSTDICC005	BF142789.D	06/19/2025	17:38
SSTDICC010	SSTDICC010	BF142790.D	06/19/2025	18:08
SSTDICC020	SSTDICC020	BF142791.D	06/19/2025	18:39
SSTDICCC040	SSTDICCC040	BF142792.D	06/19/2025	19:09
SSTDICC050	SSTDICC050	BF142793.D	06/19/2025	19:40
SSTDICC060	SSTDICC060	BF142794.D	06/19/2025	20:10
SSTDICC080	SSTDICC080	BF142795.D	06/19/2025	20:40

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance
Lab Code: ACE
Lab File ID: BF142963.D
Instrument ID: BNA_F

Contract: JPCL01
SDG NO.: Q2473
DFTPP Injection Date: 07/02/2025
DFTPP Injection Time: 11:11

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	29.2
68	Less than 2.0% of mass 69	0.5 (1.9) 1
69	Mass 69 relative abundance	28.3
70	Less than 2.0% of mass 69	0.1 (0.4) 1
127	10.0 - 80.0% of mass 198	38.7
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	5.6
275	10.0 - 60.0% of mass 198	24.9
365	Greater than 1% of mass 198	3.1
441	Present, but less than mass 443	15.3
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	18.9 (18.9) 2

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BF142964.D	07/02/2025	11:41
SOIL-PILEMS	Q2475-01MS	BF142982.D	07/02/2025	20:52
SOIL-PILEMSD	Q2475-01MSD	BF142983.D	07/02/2025	21:22

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance
Lab Code: ACE
Lab File ID: BF142986.D
Instrument ID: BNA_F

Contract: JPCL01
SDG NO.: Q2473
DFTPP Injection Date: 07/03/2025
DFTPP Injection Time: 09:25

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	30.1
68	Less than 2.0% of mass 69	0.5 (1.8) 1
69	Mass 69 relative abundance	28.4
70	Less than 2.0% of mass 69	0.1 (0.3) 1
127	10.0 - 80.0% of mass 198	39
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	5.4
275	10.0 - 60.0% of mass 198	24.2
365	Greater than 1% of mass 198	3.2
441	Present, but less than mass 443	15.2
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	18.8 (18.8) 2

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BF142987.D	07/03/2025	09:55
PB168694BL	PB168694BL	BF142988.D	07/03/2025	10:26
PB168694BS	PB168694BS	BF142989.D	07/03/2025	10:55
PIT#4	Q2473-04	BF143001.D	07/03/2025	17:30

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance
Lab Code: ACE
Lab File ID: BF143002.D
Instrument ID: BNA_F

Contract: JPCL01
SDG NO.: Q2473
DFTPP Injection Date: 07/07/2025
DFTPP Injection Time: 11:12

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	32.2
68	Less than 2.0% of mass 69	0.0 (0.0) 1
69	Mass 69 relative abundance	29.4
70	Less than 2.0% of mass 69	0.0 (0.0) 1
127	10.0 - 80.0% of mass 198	42.4
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6
275	10.0 - 60.0% of mass 198	25.1
365	Greater than 1% of mass 198	3.4
441	Present, but less than mass 443	15.5
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19 (19) 2

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BF143003.D	07/07/2025	12:12
PIT#3	Q2473-03	BF143019.D	07/07/2025	20:21
PIT#1	Q2473-01	BF143020.D	07/07/2025	20:51
PIT#2	Q2473-02	BF143022.D	07/07/2025	21:52

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance
Lab Code: ACE
Lab File ID: BF143024.D
Instrument ID: BNA_F

Contract: JPCL01
SDG NO.: Q2473
DFTPP Injection Date: 07/08/2025
DFTPP Injection Time: 10:24

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	34.6
68	Less than 2.0% of mass 69	0.6 (2) 1
69	Mass 69 relative abundance	32.1
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	44.5
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6
275	10.0 - 60.0% of mass 198	25.6
365	Greater than 1% of mass 198	3.3
441	Present, but less than mass 443	15.7
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	18.8 (18.8) 2

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BF143025.D	07/08/2025	10:54
PIT#1DL	Q2473-01DL	BF143043.D	07/08/2025	20:12

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE

SDG NO.: Q2473

Client ID : SSTDCCC040

Date Analyzed: 07/02/2025

Lab File ID: BF142964.D

Time Analyzed: 11:41

Instrument ID: BNA_F

GC Column: DB-UI ID: 0.18 (mm)

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	58835	6.875	223613	8.16	116653	9.92
UPPER LIMIT	117670	7.375	447226	8.657	233306	10.416
LOWER LIMIT	29417.5	6.375	111807	7.657	58326.5	9.416
EPA SAMPLE NO.						
01 SOIL-PILEMS	59177	6.88	222831	8.16	115354	9.92
02 SOIL-PILEMSD	59335	6.88	228314	8.16	114108	9.92

IS1 (DCB) = 1,4-Dichlorobenzene-d4

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE

SDG NO.: Q2473

Client ID: SSTDCCC040

Date Analyzed: 07/02/2025

Lab File ID: BF142964.D

Time Analyzed: 11:41

Instrument ID: BNA_F

GC Column: DB-UI ID: 0.18 (mm)

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	194796	11.404	118183	14.051	123997	15.545
UPPER LIMIT	389592	11.904	236366	14.551	247994	16.045
LOWER LIMIT	97398	10.904	59091.5	13.551	61998.5	15.045
EPA SAMPLE NO.						
01 SOIL-PILEMS	168872	11.40	125535	14.06	103117	15.55
02 SOIL-PILEMSD	156089	11.40	121729	14.05	97715	15.55

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.

* Values outside of QC limits.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE

SDG NO.: Q2473

Client ID : SSTDCCC040

Date Analyzed: 07/03/2025

Lab File ID: BF142987.D

Time Analyzed: 09:55

Instrument ID: BNA_F

GC Column: DB-UI ID: 0.18 (mm)

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	62161	6.875	229765	8.16	116751	9.92
UPPER LIMIT	124322	7.375	459530	8.657	233502	10.416
LOWER LIMIT	31080.5	6.375	114883	7.657	58375.5	9.416
EPA SAMPLE NO.						
01 PB168694BL	74523	6.88	286767	8.16	155660	9.92
02 PB168694BS	59015	6.88	219896	8.16	110519	9.92
03 PIT#4	76335	6.88	283968	8.16	134925	9.91

IS1 (DCB) = 1,4-Dichlorobenzene-d4

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE

SDG NO.: Q2473

Client ID: SSTDCCC040

Date Analyzed: 07/03/2025

Lab File ID: BF142987.D

Time Analyzed: 09:55

Instrument ID: BNA_F

GC Column: DB-UI ID: 0.18 (mm)

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	185461	11.404	107728	14.051	131364	15.545
UPPER LIMIT	370922	11.904	215456	14.551	262728	16.045
LOWER LIMIT	92730.5	10.904	53864	13.551	65682	15.045
EPA SAMPLE NO.						
01 PB168694BL	262266	11.40	143100	14.05	155357	15.55
02 PB168694BS	169244	11.41	114618	14.06	135774	15.55
03 PIT#4	188390	11.40	176129	14.05	145690	15.54

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.

* Values outside of QC limits.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE

SDG NO.: Q2473

Client ID : SSTDCCC040

Date Analyzed: 07/07/2025

Lab File ID: BF143003.D

Time Analyzed: 12:12

Instrument ID: BNA_F

GC Column: DB-UI ID: 0.18 (mm)

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	66299	6.875	250576	8.16	128386	9.92
UPPER LIMIT	132598	7.375	501152	8.663	256772	10.422
LOWER LIMIT	33149.5	6.375	125288	7.663	64193	9.422
EPA SAMPLE NO.						
01 PIT#1	58496	6.88	207180	8.16	104486	9.92
02 PIT#2	71088	6.88	253688	8.16	114128	9.92
03 PIT#3	65185	6.88	225358	8.16	109627	9.92

IS1 (DCB) = 1,4-Dichlorobenzene-d4

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE

SDG NO.: Q2473

Client ID: SSTDCCC040

Date Analyzed: 07/07/2025

Lab File ID: BF143003.D

Time Analyzed: 12:12

Instrument ID: BNA_F

GC Column: DB-UI ID: 0.18 (mm)

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	196682	11.41	115356	14.057	146144	15.551
UPPER LIMIT	393364	11.91	230712	14.557	292288	16.051
LOWER LIMIT	98341	10.91	57678	13.557	73072	15.051
EPA SAMPLE NO.						
01 PIT#1	183059	11.42	128705	14.07	102828	15.57
02 PIT#2	161870	11.41	118431	14.06	87043	15.56
03 PIT#3	189524	11.40	156816	14.06	111252	15.56

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.

* Values outside of QC limits.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE

SDG NO.: Q2473

Client ID : SSTDCCC040

Date Analyzed: 07/08/2025

Lab File ID: BF143025.D

Time Analyzed: 10:54

Instrument ID: BNA_F

GC Column: DB-UI ID: 0.18 (mm)

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	66813	6.875	257725	8.16	136330	9.92
UPPER LIMIT	133626	7.375	515450	8.663	272660	10.422
LOWER LIMIT	33406.5	6.375	128863	7.663	68165	9.422
EPA SAMPLE NO.						
01 PIT#1DL	55588	6.87	211740	8.16	106126	9.92

IS1 (DCB) = 1,4-Dichlorobenzene-d4

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE

SDG NO.: Q2473

Client ID: SSTDCCC040

Date Analyzed: 07/08/2025

Lab File ID: BF143025.D

Time Analyzed: 10:54

Instrument ID: BNA_F

GC Column: DB-UI ID: 0.18 (mm)

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	218169	11.41	109391	14.063	135350	15.557
UPPER LIMIT	436338	11.91	218782	14.563	270700	16.057
LOWER LIMIT	109085	10.91	54695.5	13.563	67675	15.057
EPA SAMPLE NO.						
01 PIT#1DL	159588	11.40	121712	14.05	143355	15.55

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.

* Values outside of QC limits.



QC SAMPLE DATA

Report of Analysis

Client:	JPCL Engineering	Date Collected:	
Project:	NOHO RFI No. SC64025 NYC	Date Received:	
Client Sample ID:	PB168694BL	SDG No.:	Q2473
Lab Sample ID:	PB168694BL	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	100
Sample Wt/Vol:	30.01 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
BF142988.D	1	07/02/25 08:55	07/03/25 10:26	PB168694

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	160	U	160	330	ug/Kg
108-95-2	Phenol	22.1	U	22.1	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	24.3	U	24.3	170	ug/Kg
95-57-8	2-Chlorophenol	24.4	U	24.4	170	ug/Kg
95-48-7	2-Methylphenol	29.9	U	29.9	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	37.5	U	37.5	170	ug/Kg
98-86-2	Acetophenone	29.5	U	29.5	170	ug/Kg
65794-96-9	3+4-Methylphenols	41.1	U	41.1	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	47.4	U	47.4	80.0	ug/Kg
67-72-1	Hexachloroethane	17.6	U	17.6	170	ug/Kg
98-95-3	Nitrobenzene	18.3	U	18.3	170	ug/Kg
78-59-1	Isophorone	32.8	U	32.8	170	ug/Kg
88-75-5	2-Nitrophenol	58.2	U	58.2	170	ug/Kg
105-67-9	2,4-Dimethylphenol	64.8	U	64.8	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	30.8	U	30.8	170	ug/Kg
120-83-2	2,4-Dichlorophenol	28.3	U	28.3	170	ug/Kg
91-20-3	Naphthalene	22.7	U	22.7	170	ug/Kg
106-47-8	4-Chloroaniline	35.4	U	35.4	170	ug/Kg
87-68-3	Hexachlorobutadiene	25.3	U	25.3	170	ug/Kg
105-60-2	Caprolactam	52.1	U	52.1	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	28.7	U	28.7	170	ug/Kg
91-57-6	2-Methylnaphthalene	25.6	U	25.6	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	19.8	U	19.8	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	29.1	U	29.1	170	ug/Kg
92-52-4	1,1-Biphenyl	21.8	U	21.8	170	ug/Kg
91-58-7	2-Chloronaphthalene	22.5	U	22.5	170	ug/Kg
88-74-4	2-Nitroaniline	48.1	U	48.1	170	ug/Kg
131-11-3	Dimethylphthalate	27.1	U	27.1	170	ug/Kg

Report of Analysis

Client:	JPCL Engineering	Date Collected:	
Project:	NOHO RFI No. SC64025 NYC	Date Received:	
Client Sample ID:	PB168694BL	SDG No.:	Q2473
Lab Sample ID:	PB168694BL	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	100
Sample Wt/Vol:	30.01 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
BF142988.D	1	07/02/25 08:55	07/03/25 10:26	PB168694

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	28.9	U	28.9	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	33.6	U	33.6	170	ug/Kg
99-09-2	3-Nitroaniline	46.0	U	46.0	170	ug/Kg
83-32-9	Acenaphthene	21.3	U	21.3	170	ug/Kg
51-28-5	2,4-Dinitrophenol	230	U	230	330	ug/Kg
100-02-7	4-Nitrophenol	110	U	110	330	ug/Kg
132-64-9	Dibenzofuran	22.7	U	22.7	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	50.1	U	50.1	170	ug/Kg
84-66-2	Diethylphthalate	28.3	U	28.3	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	26.7	U	26.7	170	ug/Kg
86-73-7	Fluorene	25.3	U	25.3	170	ug/Kg
100-01-6	4-Nitroaniline	64.2	U	64.2	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	100	U	100	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	32.9	U	32.9	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	27.8	U	27.8	170	ug/Kg
118-74-1	Hexachlorobenzene	25.3	U	25.3	170	ug/Kg
1912-24-9	Atrazine	34.0	U	34.0	170	ug/Kg
87-86-5	Pentachlorophenol	51.3	U	51.3	330	ug/Kg
85-01-8	Phenanthrene	20.9	U	20.9	170	ug/Kg
120-12-7	Anthracene	33.3	U	33.3	170	ug/Kg
86-74-8	Carbazole	31.2	U	31.2	170	ug/Kg
84-74-2	Di-n-butylphthalate	47.9	U	47.9	170	ug/Kg
206-44-0	Fluoranthene	30.0	U	30.0	170	ug/Kg
129-00-0	Pyrene	36.0	U	36.0	170	ug/Kg
85-68-7	Butylbenzylphthalate	71.4	U	71.4	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	36.7	U	36.7	330	ug/Kg
56-55-3	Benzo(a)anthracene	23.0	U	23.0	170	ug/Kg
218-01-9	Chrysene	19.9	U	19.9	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	59.2	U	59.2	170	ug/Kg
117-84-0	Di-n-octyl phthalate	86.8	U	86.8	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	19.0	U	19.0	170	ug/Kg

Report of Analysis

Client:	JPCL Engineering	Date Collected:	
Project:	NOHO RFI No. SC64025 NYC	Date Received:	
Client Sample ID:	PB168694BL	SDG No.:	Q2473
Lab Sample ID:	PB168694BL	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	100
Sample Wt/Vol:	30.01 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
BF142988.D	1	07/02/25 08:55	07/03/25 10:26	PB168694

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	22.4	U	22.4	170	ug/Kg
50-32-8	Benzo(a)pyrene	29.5	U	29.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	29.1	U	29.1	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	27.4	U	27.4	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	25.7	U	25.7	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	25.6	U	25.6	170	ug/Kg
123-91-1	1,4-Dioxane	45.2	U	45.2	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	27.4	U	27.4	170	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	121		18 - 112	81%	SPK: 150
13127-88-3	Phenol-d6	119		15 - 107	80%	SPK: 150
4165-60-0	Nitrobenzene-d5	76.7		18 - 107	77%	SPK: 100
321-60-8	2-Fluorobiphenyl	75.5		20 - 109	76%	SPK: 100
118-79-6	2,4,6-Tribromophenol	124		10 - 116	82%	SPK: 150
1718-51-0	Terphenyl-d14	76.8		10 - 105	77%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	74500	6.875			
1146-65-2	Naphthalene-d8	287000	8.157			
15067-26-2	Acenaphthene-d10	156000	9.916			
1517-22-2	Phenanthrene-d10	262000	11.404			
1719-03-5	Chrysene-d12	143000	14.051			
1520-96-3	Perylene-d12	155000	15.545			
TENTATIVE IDENTIFIED COMPOUNDS						
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	300	A		5.11	ug/Kg
006311-48-4	(1,1-Biphenyl)-4,4-diamine, N,N	390	J		17.2	ug/Kg

Report of Analysis

Client:	JPCL Engineering	Date Collected:	
Project:	NOHO RFI No. SC64025 NYC	Date Received:	
Client Sample ID:	PB168694BL	SDG No.:	Q2473
Lab Sample ID:	PB168694BL	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	100
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:		Test:	SVOC-TCL BNA -20
Extraction Type :		Decanted :	N
Injection Volume :		Level :	LOW
	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142988.D	1	07/02/25 08:55	07/03/25 10:26	PB168694

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
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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

Report of Analysis

Client:	JPCL Engineering	Date Collected:	
Project:	NOHO RFI No. SC64025 NYC	Date Received:	
Client Sample ID:	PB168694BS	SDG No.:	Q2473
Lab Sample ID:	PB168694BS	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	100
Sample Wt/Vol:	30.03 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
BF142989.D	1	07/02/25 08:55	07/03/25 10:55	PB168694

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	920		160	330	ug/Kg
108-95-2	Phenol	1400		22.1	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1400		24.3	170	ug/Kg
95-57-8	2-Chlorophenol	1400		24.4	170	ug/Kg
95-48-7	2-Methylphenol	1400		29.9	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1400		37.5	170	ug/Kg
98-86-2	Acetophenone	1500		29.5	170	ug/Kg
65794-96-9	3+4-Methylphenols	1400		41.1	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1400		47.4	79.9	ug/Kg
67-72-1	Hexachloroethane	1500		17.6	170	ug/Kg
98-95-3	Nitrobenzene	1500		18.3	170	ug/Kg
78-59-1	Isophorone	1400		32.8	170	ug/Kg
88-75-5	2-Nitrophenol	1500		58.1	170	ug/Kg
105-67-9	2,4-Dimethylphenol	1400		64.7	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1500		30.8	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1500		28.3	170	ug/Kg
91-20-3	Naphthalene	1500		22.7	170	ug/Kg
106-47-8	4-Chloroaniline	980		35.4	170	ug/Kg
87-68-3	Hexachlorobutadiene	1500		25.3	170	ug/Kg
105-60-2	Caprolactam	1500		52.0	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1400		28.7	170	ug/Kg
91-57-6	2-Methylnaphthalene	1500		25.6	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	2900	E	120	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1500		19.8	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1500		29.1	170	ug/Kg
92-52-4	1,1-Biphenyl	1500		21.8	170	ug/Kg
91-58-7	2-Chloronaphthalene	1500		22.5	170	ug/Kg
88-74-4	2-Nitroaniline	1400		48.1	170	ug/Kg
131-11-3	Dimethylphthalate	1500		27.1	170	ug/Kg

Report of Analysis

Client:	JPCL Engineering	Date Collected:	
Project:	NOHO RFI No. SC64025 NYC	Date Received:	
Client Sample ID:	PB168694BS	SDG No.:	Q2473
Lab Sample ID:	PB168694BS	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	100
Sample Wt/Vol:	30.03 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
BF142989.D	1	07/02/25 08:55	07/03/25 10:55	PB168694

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	1500		28.9	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1500		33.6	170	ug/Kg
99-09-2	3-Nitroaniline	1000		46.0	170	ug/Kg
83-32-9	Acenaphthene	1600		21.3	170	ug/Kg
51-28-5	2,4-Dinitrophenol	2800	E	230	330	ug/Kg
100-02-7	4-Nitrophenol	2600		110	330	ug/Kg
132-64-9	Dibenzofuran	1500		22.7	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	1500		50.0	170	ug/Kg
84-66-2	Diethylphthalate	1500		28.3	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1500		26.7	170	ug/Kg
86-73-7	Fluorene	1500		25.3	170	ug/Kg
100-01-6	4-Nitroaniline	1400		64.1	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1500		100	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1600		32.9	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1600		27.8	170	ug/Kg
118-74-1	Hexachlorobenzene	1600		25.3	170	ug/Kg
1912-24-9	Atrazine	1800		34.0	170	ug/Kg
87-86-5	Pentachlorophenol	2900	E	51.2	330	ug/Kg
85-01-8	Phenanthrene	1500		20.9	170	ug/Kg
120-12-7	Anthracene	1500		33.3	170	ug/Kg
86-74-8	Carbazole	1500		31.2	170	ug/Kg
84-74-2	Di-n-butylphthalate	1700		47.9	170	ug/Kg
206-44-0	Fluoranthene	1500		30.0	170	ug/Kg
129-00-0	Pyrene	1200		36.0	170	ug/Kg
85-68-7	Butylbenzylphthalate	1800		71.3	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1000		36.7	330	ug/Kg
56-55-3	Benzo(a)anthracene	1500		23.0	170	ug/Kg
218-01-9	Chrysene	1500		19.9	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1800		59.1	170	ug/Kg
117-84-0	Di-n-octyl phthalate	1700		86.7	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1700		19.0	170	ug/Kg

Report of Analysis

Client:	JPCL Engineering	Date Collected:	
Project:	NOHO RFI No. SC64025 NYC	Date Received:	
Client Sample ID:	PB168694BS	SDG No.:	Q2473
Lab Sample ID:	PB168694BS	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	100
Sample Wt/Vol:	30.03 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
BF142989.D	1	07/02/25 08:55	07/03/25 10:55	PB168694

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	1400		22.4	170	ug/Kg
50-32-8	Benzo(a)pyrene	1600		29.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1400		29.1	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1400		27.4	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1400		25.7	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1500		25.6	170	ug/Kg
123-91-1	1,4-Dioxane	1100		45.2	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1400		27.4	170	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	119		18 - 112	80%	SPK: 150
13127-88-3	Phenol-d6	117		15 - 107	78%	SPK: 150
4165-60-0	Nitrobenzene-d5	76.6		18 - 107	77%	SPK: 100
321-60-8	2-Fluorobiphenyl	79.8		20 - 109	80%	SPK: 100
118-79-6	2,4,6-Tribromophenol	122		10 - 116	81%	SPK: 150
1718-51-0	Terphenyl-d14	67.7		10 - 105	68%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	59000	6.875			
1146-65-2	Naphthalene-d8	220000	8.157			
15067-26-2	Acenaphthene-d10	111000	9.916			
1517-22-2	Phenanthrene-d10	169000	11.41			
1719-03-5	Chrysene-d12	115000	14.057			
1520-96-3	Perylene-d12	136000	15.551			

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

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:	SOIL-PILEMS	SDG No.:	Q2473
Lab Sample ID:	Q2475-01MS	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	79.7
Sample Wt/Vol:	50.07 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
BF142982.D	1	07/02/25 08:55	07/02/25 20:52	PB168694

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	1300		120	250	ug/Kg
108-95-2	Phenol	1100		16.6	130	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1100		18.3	130	ug/Kg
95-57-8	2-Chlorophenol	1100		18.3	130	ug/Kg
95-48-7	2-Methylphenol	1200		22.5	130	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1100		28.2	130	ug/Kg
98-86-2	Acetophenone	1200		22.2	130	ug/Kg
65794-96-9	3+4-Methylphenols	1200		30.9	250	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1100		35.6	60.1	ug/Kg
67-72-1	Hexachloroethane	1100		13.2	130	ug/Kg
98-95-3	Nitrobenzene	1100		13.8	130	ug/Kg
78-59-1	Isophorone	1200		24.7	130	ug/Kg
88-75-5	2-Nitrophenol	1200		43.8	130	ug/Kg
105-67-9	2,4-Dimethylphenol	1100		48.7	130	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1200		23.2	130	ug/Kg
120-83-2	2,4-Dichlorophenol	1200		21.3	130	ug/Kg
91-20-3	Naphthalene	1200		17.1	130	ug/Kg
106-47-8	4-Chloroaniline	590		26.6	130	ug/Kg
87-68-3	Hexachlorobutadiene	1200		19.0	130	ug/Kg
105-60-2	Caprolactam	1400		39.2	250	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1200		21.6	130	ug/Kg
91-57-6	2-Methylnaphthalene	1200		19.2	130	ug/Kg
77-47-4	Hexachlorocyclopentadiene	1600		87.2	250	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1200		14.9	130	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1200		21.9	130	ug/Kg
92-52-4	1,1-Biphenyl	1200		16.4	130	ug/Kg
91-58-7	2-Chloronaphthalene	1200		16.9	130	ug/Kg
88-74-4	2-Nitroaniline	1200		36.2	130	ug/Kg
131-11-3	Dimethylphthalate	1300		20.4	130	ug/Kg

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:	SOIL-PILEMS	SDG No.:	Q2473
Lab Sample ID:	Q2475-01MS	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	79.7
Sample Wt/Vol:	50.07 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
BF142982.D	1	07/02/25 08:55	07/02/25 20:52	PB168694

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	1200		21.7	130	ug/Kg
606-20-2	2,6-Dinitrotoluene	1200		25.3	130	ug/Kg
99-09-2	3-Nitroaniline	780		34.6	130	ug/Kg
83-32-9	Acenaphthene	1300		16.0	130	ug/Kg
51-28-5	2,4-Dinitrophenol	2200	E	170	250	ug/Kg
100-02-7	4-Nitrophenol	2100	E	80.4	250	ug/Kg
132-64-9	Dibenzofuran	1200		17.1	130	ug/Kg
121-14-2	2,4-Dinitrotoluene	1200		37.7	130	ug/Kg
84-66-2	Diethylphthalate	1300		21.3	130	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1200		20.1	130	ug/Kg
86-73-7	Fluorene	1200		19.0	130	ug/Kg
100-01-6	4-Nitroaniline	1200		48.3	130	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1200		77.4	250	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1300		24.7	130	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1300		20.9	130	ug/Kg
118-74-1	Hexachlorobenzene	1200		19.0	130	ug/Kg
1912-24-9	Atrazine	1500		25.6	130	ug/Kg
87-86-5	Pentachlorophenol	2300	E	38.6	250	ug/Kg
85-01-8	Phenanthrene	1500		15.7	130	ug/Kg
120-12-7	Anthracene	1200		25.0	130	ug/Kg
86-74-8	Carbazole	1200		23.5	130	ug/Kg
84-74-2	Di-n-butylphthalate	1500		36.0	130	ug/Kg
206-44-0	Fluoranthene	2100	E	22.6	130	ug/Kg
129-00-0	Pyrene	1400		27.1	130	ug/Kg
85-68-7	Butylbenzylphthalate	1300		53.7	130	ug/Kg
91-94-1	3,3-Dichlorobenzidine	740		27.6	250	ug/Kg
56-55-3	Benzo(a)anthracene	1500		17.3	130	ug/Kg
218-01-9	Chrysene	1600		15.0	130	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1300		44.5	130	ug/Kg
117-84-0	Di-n-octyl phthalate	1100		65.3	250	ug/Kg
205-99-2	Benzo(b)fluoranthene	1800		14.3	130	ug/Kg

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:	SOIL-PILEMS	SDG No.:	Q2473
Lab Sample ID:	Q2475-01MS	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	79.7
Sample Wt/Vol:	50.07 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
BF142982.D	1	07/02/25 08:55	07/02/25 20:52	PB168694

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	1600		16.8	130	ug/Kg
50-32-8	Benzo(a)pyrene	1500		22.2	130	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	890		21.9	130	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	840		20.6	130	ug/Kg
191-24-2	Benzo(g,h,i)perylene	850		19.3	130	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1200		19.2	130	ug/Kg
123-91-1	1,4-Dioxane	890		34.0	130	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1100		20.6	130	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	70.7		18 - 112	47%	SPK: 150
13127-88-3	Phenol-d6	74.0		15 - 107	49%	SPK: 150
4165-60-0	Nitrobenzene-d5	46.8		18 - 107	47%	SPK: 100
321-60-8	2-Fluorobiphenyl	43.0		20 - 109	43%	SPK: 100
118-79-6	2,4,6-Tribromophenol	67.8		10 - 116	45%	SPK: 150
1718-51-0	Terphenyl-d14	33.5		10 - 105	33%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	59200	6.875			
1146-65-2	Naphthalene-d8	223000	8.157			
15067-26-2	Acenaphthene-d10	115000	9.916			
1517-22-2	Phenanthrene-d10	169000	11.404			
1719-03-5	Chrysene-d12	126000	14.057			
1520-96-3	Perylene-d12	103000	15.545			

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

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:	SOIL-PILEMSD	SDG No.:	Q2473
Lab Sample ID:	Q2475-01MSD	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	79.7
Sample Wt/Vol:	50.05 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
BF142983.D	1	07/02/25 08:55	07/02/25 21:22	PB168694

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	1200		120	250	ug/Kg
108-95-2	Phenol	1100		16.6	130	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1100		18.3	130	ug/Kg
95-57-8	2-Chlorophenol	1100		18.4	130	ug/Kg
95-48-7	2-Methylphenol	1100		22.5	130	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1000		28.2	130	ug/Kg
98-86-2	Acetophenone	1100		22.2	130	ug/Kg
65794-96-9	3+4-Methylphenols	1200		30.9	250	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1100		35.6	60.2	ug/Kg
67-72-1	Hexachloroethane	1100		13.2	130	ug/Kg
98-95-3	Nitrobenzene	1100		13.8	130	ug/Kg
78-59-1	Isophorone	1100		24.7	130	ug/Kg
88-75-5	2-Nitrophenol	1200		43.8	130	ug/Kg
105-67-9	2,4-Dimethylphenol	1100		48.7	130	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1100		23.2	130	ug/Kg
120-83-2	2,4-Dichlorophenol	1100		21.3	130	ug/Kg
91-20-3	Naphthalene	1100		17.1	130	ug/Kg
106-47-8	4-Chloroaniline	550		26.6	130	ug/Kg
87-68-3	Hexachlorobutadiene	1100		19.0	130	ug/Kg
105-60-2	Caprolactam	1300		39.2	250	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1100		21.6	130	ug/Kg
91-57-6	2-Methylnaphthalene	1100		19.3	130	ug/Kg
77-47-4	Hexachlorocyclopentadiene	1600		87.2	250	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1100		14.9	130	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1100		21.9	130	ug/Kg
92-52-4	1,1-Biphenyl	1200		16.4	130	ug/Kg
91-58-7	2-Chloronaphthalene	1100		16.9	130	ug/Kg
88-74-4	2-Nitroaniline	1200		36.2	130	ug/Kg
131-11-3	Dimethylphthalate	1200		20.4	130	ug/Kg

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:	SOIL-PILEMSD	SDG No.:	Q2473
Lab Sample ID:	Q2475-01MSD	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	79.7
Sample Wt/Vol:	50.05 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
BF142983.D	1	07/02/25 08:55	07/02/25 21:22	PB168694

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	1100		21.7	130	ug/Kg
606-20-2	2,6-Dinitrotoluene	1200		25.3	130	ug/Kg
99-09-2	3-Nitroaniline	720		34.6	130	ug/Kg
83-32-9	Acenaphthene	1200		16.0	130	ug/Kg
51-28-5	2,4-Dinitrophenol	2100	E	170	250	ug/Kg
100-02-7	4-Nitrophenol	1900		80.5	250	ug/Kg
132-64-9	Dibenzofuran	1100		17.1	130	ug/Kg
121-14-2	2,4-Dinitrotoluene	1100		37.7	130	ug/Kg
84-66-2	Diethylphthalate	1200		21.3	130	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1100		20.1	130	ug/Kg
86-73-7	Fluorene	1100		19.0	130	ug/Kg
100-01-6	4-Nitroaniline	1000		48.3	130	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1100		77.5	250	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1300		24.7	130	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1300		20.9	130	ug/Kg
118-74-1	Hexachlorobenzene	1200		19.0	130	ug/Kg
1912-24-9	Atrazine	1500		25.6	130	ug/Kg
87-86-5	Pentachlorophenol	2300	E	38.6	250	ug/Kg
85-01-8	Phenanthrene	1400		15.7	130	ug/Kg
120-12-7	Anthracene	1200		25.0	130	ug/Kg
86-74-8	Carbazole	1200		23.5	130	ug/Kg
84-74-2	Di-n-butylphthalate	1400		36.0	130	ug/Kg
206-44-0	Fluoranthene	2000	E	22.6	130	ug/Kg
129-00-0	Pyrene	1400		27.1	130	ug/Kg
85-68-7	Butylbenzylphthalate	1200		53.7	130	ug/Kg
91-94-1	3,3-Dichlorobenzidine	750		27.6	250	ug/Kg
56-55-3	Benzo(a)anthracene	1500		17.3	130	ug/Kg
218-01-9	Chrysene	1500		15.0	130	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1200		44.5	130	ug/Kg
117-84-0	Di-n-octyl phthalate	1100		65.3	250	ug/Kg
205-99-2	Benzo(b)fluoranthene	1800		14.3	130	ug/Kg

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:	SOIL-PILEMSD	SDG No.:	Q2473
Lab Sample ID:	Q2475-01MSD	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	79.7
Sample Wt/Vol:	50.05 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
BF142983.D	1	07/02/25 08:55	07/02/25 21:22	PB168694

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	1600		16.8	130	ug/Kg
50-32-8	Benzo(a)pyrene	1400		22.2	130	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	860		21.9	130	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	800		20.6	130	ug/Kg
191-24-2	Benzo(g,h,i)perylene	820		19.3	130	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1200		19.3	130	ug/Kg
123-91-1	1,4-Dioxane	900		34.0	130	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1000		20.6	130	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	70.0		18 - 112	47%	SPK: 150
13127-88-3	Phenol-d6	73.3		15 - 107	49%	SPK: 150
4165-60-0	Nitrobenzene-d5	44.8		18 - 107	45%	SPK: 100
321-60-8	2-Fluorobiphenyl	42.0		20 - 109	42%	SPK: 100
118-79-6	2,4,6-Tribromophenol	61.7		10 - 116	41%	SPK: 150
1718-51-0	Terphenyl-d14	31.4		10 - 105	31%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	59300	6.875			
1146-65-2	Naphthalene-d8	228000	8.157			
15067-26-2	Acenaphthene-d10	114000	9.916			
1517-22-2	Phenanthrene-d10	156000	11.404			
1719-03-5	Chrysene-d12	122000	14.051			
1520-96-3	Perylene-d12	97700	15.545			

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

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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



CALIBRATION SUMMARY

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
 Method File : 8270-BF061925.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Fri Jun 20 05:06:14 2025
 Response Via : Initial Calibration

Calibration Files

2.5 =BF142788.D 5 =BF142789.D 10 =BF142790.D 20 =BF142791.D 40 =BF142792.D 50 =BF142793.D 60 =BF142794.D 80 =BF142795.D

	Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1) I	1,4-Dichlorobenzen...	-----ISTD-----									
2)	1,4-Dioxane	0.479	0.499	0.471	0.461	0.509	0.479	0.467	0.480		3.60
3)	Pyridine	1.190	1.195	1.190	1.164	1.303	1.209	1.181	1.205		3.78
4)	n-Nitrosodimet...	0.610	0.617	0.596	0.668	0.632	0.614	0.623			3.98
5) S	2-Fluorophenol	2.475	2.460	2.460	2.299	2.525	2.342	2.256	2.403		4.26
6)	Aniline	1.951	1.944	1.891	1.818	1.982	1.869	1.746	1.886		4.41
7) S	Phenol-d6	3.024	2.962	2.846	2.681	2.959	2.760	2.610	2.834		5.53
8)	2-Chlorophenol	1.362	1.303	1.292	1.245	1.366	1.272	1.231	1.296		4.08
9)	Benzaldehyde	0.988	0.943	0.757	0.832	0.684		0.841			15.02
10) C	Phenol	1.648	1.653	1.591	1.516	1.651	1.530	1.437	1.575		5.31
11)	bis(2-Chloroet...	1.167	1.133	1.134	1.072	1.183	1.116	1.077	1.126		3.71
12)	1,3-Dichlorobe...	1.536	1.499	1.470	1.377	1.500	1.414	1.348	1.449		4.85
13) C	1,4-Dichlorobe...	1.563	1.496	1.472	1.409	1.523	1.425	1.347	1.462		5.04
14)	1,2-Dichlorobe...	1.458	1.422	1.409	1.331	1.451	1.353	1.284	1.387		4.72
15)	Benzyl Alcohol	1.023	1.025	0.976	1.106	1.032	0.985	1.025			4.51
16)	2,2'-oxybis(1-...	1.975	1.869	1.815	1.723	1.879	1.758	1.644	1.809		6.12
17)	2-Methylphenol	1.015	0.997	0.980	0.938	1.043	0.972	0.929	0.982		4.13
18)	Hexachloroethane	0.533	0.521	0.507	0.499	0.539	0.498	0.484	0.511		3.89
19) P	n-Nitroso-di-n...	0.831	0.879	0.840	0.833	0.787	0.847	0.812	0.766	0.824	4.30
20)	3+4-Methylphenols	1.292	1.262	1.176	1.312	1.197	1.108	1.224			6.36
21) I	Naphthalene-d8	-----ISTD-----									
22)	Acetophenone	0.464	0.451	0.459	0.418	0.461	0.428	0.406	0.441		5.28
23) S	Nitrobenzene-d5	0.738	0.724	0.747	0.708	0.771	0.724	0.694	0.729		3.48
24)	Nitrobenzene	0.345	0.325	0.332	0.319	0.349	0.326	0.314	0.330		3.88
25)	Isophorone	0.611	0.582	0.592	0.555	0.616	0.584	0.554	0.585		4.17
26) C	2-Nitrophenol	0.169	0.172	0.182	0.178	0.194	0.186	0.176	0.180		4.85
27)	2,4-Dimethylph...	0.322	0.310	0.318	0.300	0.329	0.307	0.294	0.311		3.99
28)	bis(2-Chloroet...	0.386	0.373	0.383	0.355	0.390	0.366	0.351	0.372		4.09
29) C	2,4-Dichloroph...	0.291	0.280	0.290	0.273	0.298	0.277	0.268	0.282		3.77
30)	1,2,4-Trichlor...	0.324	0.316	0.318	0.299	0.324	0.301	0.292	0.310		4.26
31)	Naphthalene	1.051	1.002	1.004	0.934	1.017	0.943	0.902	0.979		5.46
32)	Benzoic acid	0.118	0.147	0.157	0.181	0.180	0.169	0.159			15.08
33)	4-Chloroaniline	0.414	0.408	0.409	0.379	0.421	0.393	0.363	0.398		5.26
34) C	Hexachlorobuta...	0.195	0.188	0.198	0.184	0.200	0.184	0.179	0.190		4.30
35)	Caprolactam	0.073	0.075	0.072	0.081	0.078	0.069	0.075			5.84
36) C	4-Chloro-3-met...	0.300	0.275	0.286	0.269	0.298	0.278	0.260	0.281		5.24
37)	2-Methylnaphth...	0.655	0.621	0.629	0.579	0.631	0.583	0.550	0.607		6.12
38)	1-Methylnaphth...	0.684	0.645	0.650	0.598	0.654	0.604	0.563	0.628		6.56

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
 Method File : 8270-BF061925.M

39) I	Acenaphthene-d10	-----ISTD-----									
40)	1,2,4,5-Tetrac...	0.626	0.609	0.602	0.557	0.598	0.577	0.563	0.590	4.27	
41) P	Hexachlorocycl...	0.235	0.308	0.336	0.365	0.376	0.389	0.335	17.02		
42) S	2,4,6-Tribromo...	0.415	0.414	0.428	0.400	0.438	0.411	0.374	0.412	4.96	
43) C	2,4,6-Trichlor...	0.385	0.380	0.394	0.365	0.408	0.389	0.371	0.385	3.71	
44)	2,4,5-Trichlor...	0.407	0.403	0.421	0.391	0.416	0.407	0.388	0.405	2.95	
45) S	2-Fluorobiphenyl	3.480	3.272	3.184	2.861	2.999	2.816	2.702	3.045	9.15	
46)	1,1'-Biphenyl	1.701	1.616	1.637	1.505	1.609	1.525	1.466	1.580	5.27	
47)	2-Chloronaphth...	1.300	1.202	1.208	1.129	1.209	1.145	1.106	1.186	5.50	
48)	2-Nitroaniline	0.321	0.329	0.337	0.324	0.358	0.337	0.320	0.332	3.93	
49)	Acenaphthylene	2.110	2.006	2.011	1.861	1.995	1.891	1.787	1.952	5.64	
50)	Dimethylphthalate	1.372	1.334	1.330	1.228	1.335	1.277	1.186	1.295	5.17	
51)	2,6-Dinitrotol...	0.297	0.279	0.290	0.277	0.294	0.284	0.268	0.284	3.57	
52) C	Acenaphthene	1.247	1.199	1.241	1.142	1.228	1.172	1.107	1.191	4.44	
53)	3-Nitroaniline	0.311	0.311	0.316	0.302	0.338	0.320	0.292	0.313	4.52	
54) P	2,4-Dinitrophenol	0.095	0.129	0.142	0.173	0.163	0.152	0.142	19.61		
55)	Dibenzofuran	1.844	1.772	1.763	1.626	1.752	1.660	1.537	1.708	6.13	
56) P	4-Nitrophenol	0.189	0.218	0.208	0.238	0.229	0.203	0.214	8.25		
57)	2,4-Dinitrotol...	0.373	0.378	0.397	0.367	0.407	0.383	0.338	0.378	5.90	
58)	Fluorene	1.464	1.412	1.395	1.260	1.362	1.260	1.183	1.334	7.58	
59)	2,3,4,6-Tetrac...	0.327	0.327	0.339	0.312	0.345	0.331	0.304	0.326	4.43	
60)	Diethylphthalate	1.328	1.302	1.319	1.211	1.318	1.266	1.141	1.269	5.50	
61)	4-Chlorophenyl...	0.713	0.656	0.669	0.599	0.640	0.609	0.568	0.636	7.64	
62)	4-Nitroaniline	0.279	0.276	0.297	0.272	0.316	0.300	0.264	0.286	6.48	
63)	Azobenzene	1.215	1.149	1.167	1.081	1.176	1.122	1.032	1.134	5.47	
64) I	Phenanthrene-d10	-----ISTD-----									
65)	4,6-Dinitro-2-...	0.099	0.119	0.119	0.134	0.130	0.125	0.121	10.04		
66) c	n-Nitrosodiphe...	0.736	0.686	0.710	0.670	0.717	0.671	0.662	0.693	4.07	
67)	4-Bromophenyl-...	0.231	0.221	0.235	0.218	0.236	0.228	0.225	0.228	3.03	
68)	Hexachlorobenzene	0.263	0.248	0.257	0.241	0.262	0.252	0.247	0.253	3.29	
69)	Atrazine	0.176	0.172	0.180	0.174	0.195	0.183	0.174	0.179	4.48	
70) C	Pentachlorophenol	0.102	0.119	0.125	0.142	0.135	0.133	0.126	11.30		
71)	Phenanthrene	1.183	1.113	1.115	1.031	1.122	1.028	0.992	1.083	6.24	
72)	Anthracene	1.226	1.123	1.149	1.064	1.140	1.065	1.011	1.111	6.35	
73)	Carbazole	1.040	0.986	0.999	0.900	1.002	0.920	0.866	0.959	6.67	
74)	Di-n-butylphth...	0.997	1.006	1.045	0.946	1.073	0.989	0.936	0.999	4.92	
75) C	Fluoranthene	1.136	1.088	1.090	0.954	1.059	0.972	0.899	1.028	8.44	
76) I	Chrysene-d12	-----ISTD-----									
77)	Benzidine	0.745	0.860	0.773	0.824	0.719	0.587	0.751	12.71		
78)	Pyrene	2.110	1.940	1.968	1.742	2.030	1.863	1.468	1.875	11.43	
79) S	Terphenyl-d14	3.383	3.111	3.066	2.655	3.070	2.772	2.208	2.895	13.30	
80)	Butylbenzylphth...	0.478	0.470	0.538	0.547	0.613	0.597	0.563	0.544	10.01	
81)	Benzo(a)anthra...	1.392	1.358	1.366	1.265	1.403	1.376	1.284	1.349	3.98	
82)	3,3'-Dichlorob...	0.398	0.440	0.429	0.476	0.445	0.438	0.438	5.73		
83)	Chrysene	1.243	1.191	1.208	1.164	1.295	1.177	1.150	1.204	4.17	
84)	Bis(2-ethylhex...	0.650	0.675	0.767	0.803	0.861	0.843	0.878	0.782	11.52	
85) c	Di-n-octyl pht...	1.207	1.352	1.463	1.610	1.569	1.651	1.475	11.54		

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF061925.M

86) I	Perylene-d12	-----ISTD-----								
87)	Indeno(1,2,3-c...	1.528	1.488	1.545	1.474	1.648	1.539	1.442	1.523	4.38
88)	Benzo(b)fluora...	1.164	1.220	1.226	1.072	1.152	1.197	1.070	1.157	5.61
89)	Benzo(k)fluora...	1.206	1.004	1.035	1.037	1.193	1.038	1.068	1.083	7.55
90) C	Benzo(a)pyrene	1.142	1.065	1.124	1.069	1.201	1.141	1.084	1.118	4.37
91)	Dibenzo(a,h)an...	1.249	1.214	1.293	1.180	1.337	1.240	1.152	1.238	5.13
92)	Benzo(g,h,i)pe...	1.239	1.198	1.266	1.188	1.332	1.255	1.161	1.234	4.66

(#) = Out of Range

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>JPCL01</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q2473</u>
Instrument ID:	<u>BNA_F</u>	Calibration Date/Time:	<u>07/02/2025 11:41</u>
Lab File ID:	<u>BF142964.D</u>	Init. Calib. Date(s):	<u>06/19/2025 06/19/2025</u>
EPA Sample No.:	<u>SSTDCCC040</u>	Init. Calib. Time(s):	<u>17:07 20:40</u>
GC Column:	<u>DB-UI</u>	ID:	<u>0.18</u> (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.201	1.175		-2.2	
Benzaldehyde	0.841	0.869		3.3	
Phenol-d6	1.417	1.364		-3.7	
Phenol	1.575	1.528		-3.0	20.0
bis(2-Chloroethyl)ether	1.126	1.072		-4.8	
2-Chlorophenol	1.296	1.252		-3.4	
2-Methylphenol	0.982	0.951		-3.2	
2,2-oxybis(1-Chloropropane)	1.809	1.643		-9.2	
Acetophenone	0.441	0.428		-2.9	
3+4-Methylphenols	1.224	1.220		-0.3	
n-Nitroso-di-n-propylamine	0.824	0.806	0.050	-2.2	
Nitrobenzene-d5	0.365	0.381		4.4	
Hexachloroethane	0.511	0.505		-1.2	
Nitrobenzene	0.330	0.320		-3.0	
Isophorone	0.585	0.565		-3.4	
2-Nitrophenol	0.180	0.179		-0.6	20.0
2,4-Dimethylphenol	0.311	0.301		-3.2	
bis(2-Chloroethoxy)methane	0.372	0.360		-3.2	
2,4-Dichlorophenol	0.282	0.275		-2.5	20.0
Naphthalene	0.979	0.947		-3.3	
4-Chloroaniline	0.398	0.390		-2.0	
Hexachlorobutadiene	0.190	0.186		-2.1	20.0
Caprolactam	0.075	0.075		0.0	
4-Chloro-3-methylphenol	0.281	0.275		-2.1	20.0
2-Methylnaphthalene	0.607	0.601		-1.0	
Hexachlorocyclopentadiene	0.335	0.265	0.050	-20.9	
2,4,6-Trichlorophenol	0.385	0.371		-3.6	20.0
2-Fluorobiphenyl	1.522	1.598		5.0	
2,4,5-Trichlorophenol	0.405	0.391		-3.5	
1,1-Biphenyl	1.580	1.544		-2.3	
2-Chloronaphthalene	1.186	1.140		-3.9	
2-Nitroaniline	0.332	0.326		-1.8	
Dimethylphthalate	1.295	1.269		-2.0	
Acenaphthylene	1.952	1.901		-2.6	
2,6-Dinitrotoluene	0.284	0.284		0.0	
3-Nitroaniline	0.313	0.313		0.0	
Acenaphthene	1.191	1.162		-2.4	20.0
2,4-Dinitrophenol	0.142	0.122	0.050	-14.1	
4-Nitrophenol	0.214	0.246	0.050	15.0	

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>JPCL01</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q2473</u>
Instrument ID:	<u>BNA_F</u>	Calibration Date/Time:	<u>07/02/2025 11:41</u>
Lab File ID:	<u>BF142964.D</u>	Init. Calib. Date(s):	<u>06/19/2025 06/19/2025</u>
EPA Sample No.:	<u>SSTDCCC040</u>	Init. Calib. Time(s):	<u>17:07 20:40</u>
GC Column:	<u>DB-UI</u>	ID:	<u>0.18</u> (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.708	1.651		-3.3	
2,4-Dinitrotoluene	0.378	0.373		-1.3	
Diethylphthalate	1.269	1.281		0.9	
4-Chlorophenyl-phenylether	0.636	0.631		-0.8	
Fluorene	1.334	1.313		-1.6	
4-Nitroaniline	0.286	0.291		1.7	
4,6-Dinitro-2-methylphenol	0.121	0.113		-6.6	
n-Nitrosodiphenylamine	0.693	0.673		-2.9	20.0
2,4,6-Tribromophenol	0.206	0.203		-1.5	
4-Bromophenyl-phenylether	0.228	0.223		-2.2	
Hexachlorobenzene	0.253	0.240		-5.1	
Atrazine	0.179	0.188		5.0	
Pentachlorophenol	0.126	0.112		-11.1	20.0
Phenanthrene	1.083	1.038		-4.2	
Anthracene	1.111	1.071		-3.6	
Carbazole	0.959	0.921		-4.0	
Di-n-butylphthalate	0.999	1.051		5.2	
Fluoranthene	1.028	0.992		-3.5	20.0
Pyrene	1.875	1.887		0.6	
Terphenyl-d14	1.447	1.366		-5.6	
Butylbenzylphthalate	0.544	0.594		9.2	
3,3-Dichlorobenzidine	0.438	0.424		-3.2	
Benzo (a) anthracene	1.349	1.348		-0.1	
Chrysene	1.204	1.123		-6.7	
Bis(2-ethylhexyl)phthalate	0.782	0.847		8.3	
Di-n-octyl phthalate	1.475	1.461		-0.9	20.0
Benzo (b) fluoranthene	1.157	1.268		9.6	
Benzo (k) fluoranthene	1.083	1.006		-7.1	
Benzo (a) pyrene	1.118	1.116		-0.2	20.0
Indeno (1,2,3-cd) pyrene	1.523	1.408		-7.6	
Dibenzo (a,h) anthracene	1.238	1.141		-7.8	
Benzo (g,h,i) perylene	1.234	1.137		-7.9	
1,2,4,5-Tetrachlorobenzene	0.590	0.588		-0.3	
1,4-Dioxane	0.480	0.432		-10.0	20.0
2,3,4,6-Tetrachlorophenol	0.326	0.315		-3.4	

All other compounds must meet a minimum RRF of 0.010.

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>JPCL01</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q2473</u>
Instrument ID:	<u>BNA_F</u>	Calibration Date/Time:	<u>07/03/2025 09:55</u>
Lab File ID:	<u>BF142987.D</u>	Init. Calib. Date(s):	<u>06/19/2025 06/19/2025</u>
EPA Sample No.:	<u>SSTDCCC040</u>	Init. Calib. Time(s):	<u>17:07 20:40</u>
GC Column:	<u>DB-UI</u>	ID:	<u>0.18</u> (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.201	1.155		-3.8	
Benzaldehyde	0.841	0.872		3.7	
Phenol-d6	1.417	1.350		-4.7	
Phenol	1.575	1.488		-5.5	20.0
bis(2-Chloroethyl)ether	1.126	1.068		-5.2	
2-Chlorophenol	1.296	1.258		-2.9	
2-Methylphenol	0.982	0.942		-4.1	
2,2-oxybis(1-Chloropropane)	1.809	1.607		-11.2	
Acetophenone	0.441	0.435		-1.4	
3+4-Methylphenols	1.224	1.205		-1.6	
n-Nitroso-di-n-propylamine	0.824	0.783	0.050	-5.0	
Nitrobenzene-d5	0.365	0.383		4.9	
Hexachloroethane	0.511	0.494		-3.3	
Nitrobenzene	0.330	0.319		-3.3	
Isophorone	0.585	0.556		-5.0	
2-Nitrophenol	0.180	0.181		0.6	20.0
2,4-Dimethylphenol	0.311	0.288		-7.4	
bis(2-Chloroethoxy)methane	0.372	0.360		-3.2	
2,4-Dichlorophenol	0.282	0.274		-2.8	20.0
Naphthalene	0.979	0.960		-1.9	
4-Chloroaniline	0.398	0.386		-3.0	
Hexachlorobutadiene	0.190	0.191		0.5	20.0
Caprolactam	0.075	0.071		-5.3	
4-Chloro-3-methylphenol	0.281	0.270		-3.9	20.0
2-Methylnaphthalene	0.607	0.585		-3.6	
Hexachlorocyclopentadiene	0.335	0.268	0.050	-20.0	
2,4,6-Trichlorophenol	0.385	0.379		-1.6	20.0
2-Fluorobiphenyl	1.522	1.626		6.8	
2,4,5-Trichlorophenol	0.405	0.404		-0.2	
1,1-Biphenyl	1.580	1.566		-0.9	
2-Chloronaphthalene	1.186	1.170		-1.3	
2-Nitroaniline	0.332	0.323		-2.7	
Dimethylphthalate	1.295	1.278		-1.3	
Acenaphthylene	1.952	1.899		-2.7	
2,6-Dinitrotoluene	0.284	0.278		-2.1	
3-Nitroaniline	0.313	0.303		-3.2	
Acenaphthene	1.191	1.172		-1.6	20.0
2,4-Dinitrophenol	0.142	0.131	0.050	-7.7	
4-Nitrophenol	0.214	0.226	0.050	5.6	

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>JPCL01</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q2473</u>
Instrument ID:	<u>BNA_F</u>	Calibration Date/Time:	<u>07/03/2025 09:55</u>
Lab File ID:	<u>BF142987.D</u>	Init. Calib. Date(s):	<u>06/19/2025 06/19/2025</u>
EPA Sample No.:	<u>SSTDCCC040</u>	Init. Calib. Time(s):	<u>17:07 20:40</u>
GC Column:	<u>DB-UI</u>	ID:	<u>0.18</u> (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.708	1.633		-4.4	
2,4-Dinitrotoluene	0.378	0.365		-3.4	
Diethylphthalate	1.269	1.256		-1.0	
4-Chlorophenyl-phenylether	0.636	0.627		-1.4	
Fluorene	1.334	1.318		-1.2	
4-Nitroaniline	0.286	0.271		-5.2	
4,6-Dinitro-2-methylphenol	0.121	0.117		-3.3	
n-Nitrosodiphenylamine	0.693	0.695		0.3	20.0
2,4,6-Tribromophenol	0.206	0.200		-2.9	
4-Bromophenyl-phenylether	0.228	0.231		1.3	
Hexachlorobenzene	0.253	0.247		-2.4	
Atrazine	0.179	0.189		5.6	
Pentachlorophenol	0.126	0.112		-11.1	20.0
Phenanthrene	1.083	1.056		-2.5	
Anthracene	1.111	1.095		-1.4	
Carbazole	0.959	0.918		-4.3	
Di-n-butylphthalate	0.999	1.042		4.3	
Fluoranthene	1.028	0.963		-6.3	20.0
Pyrene	1.875	1.861		-0.7	
Terphenyl-d14	1.447	1.388		-4.1	
Butylbenzylphthalate	0.544	0.616		13.2	
3,3-Dichlorobenzidine	0.438	0.467		6.6	
Benzo (a) anthracene	1.349	1.360		0.8	
Chrysene	1.204	1.153		-4.2	
Bis(2-ethylhexyl)phthalate	0.782	0.921		17.8	
Di-n-octyl phthalate	1.475	1.699		15.2	20.0
Benzo (b) fluoranthene	1.157	1.162		0.4	
Benzo (k) fluoranthene	1.083	1.015		-6.3	
Benzo (a) pyrene	1.118	1.091		-2.4	20.0
Indeno (1,2,3-cd) pyrene	1.523	1.412		-7.3	
Dibenzo (a,h) anthracene	1.238	1.144		-7.6	
Benzo (g,h,i) perylene	1.234	1.104		-10.5	
1,2,4,5-Tetrachlorobenzene	0.590	0.594		0.7	
1,4-Dioxane	0.480	0.430		-10.4	20.0
2,3,4,6-Tetrachlorophenol	0.326	0.310		-4.9	

All other compounds must meet a minimum RRF of 0.010.

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>JPCL01</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q2473</u>
Instrument ID:	<u>BNA_F</u>	Calibration Date/Time:	<u>07/07/2025 12:12</u>
Lab File ID:	<u>BF143003.D</u>	Init. Calib. Date(s):	<u>06/19/2025 06/19/2025</u>
EPA Sample No.:	<u>SSTDCCC040</u>	Init. Calib. Time(s):	<u>17:07 20:40</u>
GC Column:	<u>DB-UI</u>	ID:	<u>0.18</u> (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.201	1.159		-3.5	
Benzaldehyde	0.841	0.897		6.7	
Phenol-d6	1.417	1.363		-3.8	
Phenol	1.575	1.512		-4.0	20.0
bis(2-Chloroethyl)ether	1.126	1.086		-3.6	
2-Chlorophenol	1.296	1.244		-4.0	
2-Methylphenol	0.982	0.979		-0.3	
2,2-oxybis(1-Chloropropane)	1.809	1.645		-9.1	
Acetophenone	0.441	0.434		-1.6	
3+4-Methylphenols	1.224	1.224		0.0	
n-Nitroso-di-n-propylamine	0.824	0.811	0.050	-1.6	
Nitrobenzene-d5	0.365	0.385		5.5	
Hexachloroethane	0.511	0.506		-1.0	
Nitrobenzene	0.330	0.319		-3.3	
Isophorone	0.585	0.566		-3.2	
2-Nitrophenol	0.180	0.184		2.2	20.0
2,4-Dimethylphenol	0.311	0.300		-3.5	
bis(2-Chloroethoxy)methane	0.372	0.368		-1.1	
2,4-Dichlorophenol	0.282	0.278		-1.4	20.0
Naphthalene	0.979	0.963		-1.6	
4-Chloroaniline	0.398	0.370		-7.0	
Hexachlorobutadiene	0.190	0.191		0.5	20.0
Caprolactam	0.075	0.072		-4.0	
4-Chloro-3-methylphenol	0.281	0.276		-1.8	20.0
2-Methylnaphthalene	0.607	0.593		-2.3	
Hexachlorocyclopentadiene	0.335	0.343	0.050	2.4	
2,4,6-Trichlorophenol	0.385	0.364		-5.5	20.0
2-Fluorobiphenyl	1.522	1.599		5.1	
2,4,5-Trichlorophenol	0.405	0.378		-6.7	
1,1-Biphenyl	1.580	1.546		-2.2	
2-Chloronaphthalene	1.186	1.160		-2.2	
2-Nitroaniline	0.332	0.322		-3.0	
Dimethylphthalate	1.295	1.251		-3.4	
Acenaphthylene	1.952	1.905		-2.4	
2,6-Dinitrotoluene	0.284	0.276		-2.8	
3-Nitroaniline	0.313	0.297		-5.1	
Acenaphthene	1.191	1.193		0.2	20.0
2,4-Dinitrophenol	0.142	0.169	0.050	19.0	
4-Nitrophenol	0.214	0.207	0.050	-3.3	

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>JPCL01</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q2473</u>
Instrument ID:	<u>BNA_F</u>	Calibration Date/Time:	<u>07/07/2025 12:12</u>
Lab File ID:	<u>BF143003.D</u>	Init. Calib. Date(s):	<u>06/19/2025 06/19/2025</u>
EPA Sample No.:	<u>SSTDCCC040</u>	Init. Calib. Time(s):	<u>17:07 20:40</u>
GC Column:	<u>DB-UI</u>	ID:	<u>0.18</u> (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.708	1.645		-3.7	
2,4-Dinitrotoluene	0.378	0.360		-4.8	
Diethylphthalate	1.269	1.220		-3.9	
4-Chlorophenyl-phenylether	0.636	0.616		-3.1	
Fluorene	1.334	1.274		-4.5	
4-Nitroaniline	0.286	0.265		-7.3	
4,6-Dinitro-2-methylphenol	0.121	0.121		0.0	
n-Nitrosodiphenylamine	0.693	0.704		1.6	20.0
2,4,6-Tribromophenol	0.206	0.187		-9.2	
4-Bromophenyl-phenylether	0.228	0.232		1.8	
Hexachlorobenzene	0.253	0.255		0.8	
Atrazine	0.179	0.184		2.8	
Pentachlorophenol	0.126	0.143		13.5	20.0
Phenanthrene	1.083	1.050		-3.0	
Anthracene	1.111	1.081		-2.7	
Carbazole	0.959	0.888		-7.4	
Di-n-butylphthalate	0.999	1.010		1.1	
Fluoranthene	1.028	0.933		-9.2	20.0
Pyrene	1.875	1.782		-5.0	
Terphenyl-d14	1.447	1.318		-8.9	
Butylbenzylphthalate	0.544	0.602		10.7	
3,3-Dichlorobenzidine	0.438	0.480		9.6	
Benzo (a) anthracene	1.349	1.319		-2.2	
Chrysene	1.204	1.216		1.0	
Bis(2-ethylhexyl)phthalate	0.782	0.919		17.5	
Di-n-octyl phthalate	1.475	1.705		15.6	20.0
Benzo (b) fluoranthene	1.157	1.189		2.8	
Benzo (k) fluoranthene	1.083	1.000		-7.7	
Benzo (a) pyrene	1.118	1.099		-1.7	20.0
Indeno (1,2,3-cd) pyrene	1.523	1.334		-12.4	
Dibenzo (a,h) anthracene	1.238	1.100		-11.1	
Benzo (g,h,i) perylene	1.234	1.044		-15.4	
1,2,4,5-Tetrachlorobenzene	0.590	0.592		0.3	
1,4-Dioxane	0.480	0.430		-10.4	20.0
2,3,4,6-Tetrachlorophenol	0.326	0.293		-10.1	

All other compounds must meet a minimum RRF of 0.010.

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>JPCL01</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q2473</u>
Instrument ID:	<u>BNA_F</u>	Calibration Date/Time:	<u>07/08/2025 10:54</u>
Lab File ID:	<u>BF143025.D</u>	Init. Calib. Date(s):	<u>06/19/2025 06/19/2025</u>
EPA Sample No.:	<u>SSTDCCC040</u>	Init. Calib. Time(s):	<u>17:07 20:40</u>
GC Column:	<u>DB-UI</u>	ID:	<u>0.18</u> (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.201	1.183		-1.5	
Benzaldehyde	0.841	0.903		7.4	
Phenol-d6	1.417	1.384		-2.3	
Phenol	1.575	1.550		-1.6	20.0
bis(2-Chloroethyl)ether	1.126	1.102		-2.1	
2-Chlorophenol	1.296	1.276		-1.5	
2-Methylphenol	0.982	0.973		-0.9	
2,2-oxybis(1-Chloropropane)	1.809	1.645		-9.1	
Acetophenone	0.441	0.431		-2.3	
3+4-Methylphenols	1.224	1.225		0.1	
n-Nitroso-di-n-propylamine	0.824	0.805	0.050	-2.3	
Nitrobenzene-d5	0.365	0.385		5.5	
Hexachloroethane	0.511	0.498		-2.5	
Nitrobenzene	0.330	0.315		-4.5	
Isophorone	0.585	0.566		-3.2	
2-Nitrophenol	0.180	0.181		0.6	20.0
2,4-Dimethylphenol	0.311	0.301		-3.2	
bis(2-Chloroethoxy)methane	0.372	0.361		-3.0	
2,4-Dichlorophenol	0.282	0.275		-2.5	20.0
Naphthalene	0.979	0.952		-2.8	
4-Chloroaniline	0.398	0.391		-1.8	
Hexachlorobutadiene	0.190	0.185		-2.6	20.0
Caprolactam	0.075	0.078		4.0	
4-Chloro-3-methylphenol	0.281	0.276		-1.8	20.0
2-Methylnaphthalene	0.607	0.594		-2.1	
Hexachlorocyclopentadiene	0.335	0.341	0.050	1.8	
2,4,6-Trichlorophenol	0.385	0.367		-4.7	20.0
2-Fluorobiphenyl	1.522	1.552		2.0	
2,4,5-Trichlorophenol	0.405	0.383		-5.4	
1,1-Biphenyl	1.580	1.507		-4.6	
2-Chloronaphthalene	1.186	1.125		-5.1	
2-Nitroaniline	0.332	0.326		-1.8	
Dimethylphthalate	1.295	1.287		-0.6	
Acenaphthylene	1.952	1.854		-5.0	
2,6-Dinitrotoluene	0.284	0.279		-1.8	
3-Nitroaniline	0.313	0.304		-2.9	
Acenaphthene	1.191	1.180		-0.9	20.0
2,4-Dinitrophenol	0.142	0.188	0.050	32.4	
4-Nitrophenol	0.214	0.259	0.050	21.0	

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>JPCL01</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q2473</u>
Instrument ID:	<u>BNA_F</u>	Calibration Date/Time:	<u>07/08/2025 10:54</u>
Lab File ID:	<u>BF143025.D</u>	Init. Calib. Date(s):	<u>06/19/2025 06/19/2025</u>
EPA Sample No.:	<u>SSTDCCC040</u>	Init. Calib. Time(s):	<u>17:07 20:40</u>
GC Column:	<u>DB-UI</u>	ID:	<u>0.18</u> (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.708	1.634		-4.3	
2,4-Dinitrotoluene	0.378	0.376		-0.5	
Diethylphthalate	1.269	1.241		-2.2	
4-Chlorophenyl-phenylether	0.636	0.623		-2.0	
Fluorene	1.334	1.302		-2.4	
4-Nitroaniline	0.286	0.282		-1.4	
4,6-Dinitro-2-methylphenol	0.121	0.120		-0.8	
n-Nitrosodiphenylamine	0.693	0.683		-1.4	20.0
2,4,6-Tribromophenol	0.206	0.200		-2.9	
4-Bromophenyl-phenylether	0.228	0.230		0.9	
Hexachlorobenzene	0.253	0.251		-0.8	
Atrazine	0.179	0.189		5.6	
Pentachlorophenol	0.126	0.185		46.8	20.0
Phenanthrene	1.083	1.051		-3.0	
Anthracene	1.111	1.089		-2.0	
Carbazole	0.959	0.908		-5.3	
Di-n-butylphthalate	0.999	1.022		2.3	
Fluoranthene	1.028	0.959		-6.7	20.0
Pyrene	1.875	2.136		13.9	
Terphenyl-d14	1.447	1.536		6.2	
Butylbenzylphthalate	0.544	0.573		5.3	
3,3-Dichlorobenzidine	0.438	0.444		1.4	
Benzo (a) anthracene	1.349	1.310		-2.9	
Chrysene	1.204	1.161		-3.6	
Bis(2-ethylhexyl)phthalate	0.782	0.775		-0.9	
Di-n-octyl phthalate	1.475	1.479		0.3	20.0
Benzo (b) fluoranthene	1.157	1.133		-2.1	
Benzo (k) fluoranthene	1.083	0.990		-8.6	
Benzo (a) pyrene	1.118	1.090		-2.5	20.0
Indeno (1,2,3-cd) pyrene	1.523	1.509		-0.9	
Dibenzo (a,h) anthracene	1.238	1.206		-2.6	
Benzo (g,h,i) perylene	1.234	1.198		-2.9	
1,2,4,5-Tetrachlorobenzene	0.590	0.574		-2.7	
1,4-Dioxane	0.480	0.434		-9.6	20.0
2,3,4,6-Tetrachlorophenol	0.326	0.307		-5.8	

All other compounds must meet a minimum RRF of 0.010.