Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

A
B
C
D

Hit Summary Sheet
SW-846

SDG No.: P4779

Client: CHA Companies, Inc.

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
Client ID :	**SOIL-01**								
P4779-01	SOIL-01	SOIL	1H-Indene, octahydro-2,2,4,4,7,7-	*	180.000	J	0	0	ug/Kg
P4779-01	SOIL-01	SOIL	2-Pentanone, 4-hydroxy-4-methyl	*	420.000	AB	0	0	ug/Kg
P4779-01	SOIL-01	SOIL	Butane, 2-methoxy-2-methyl-	*	1,400.000	J	0	0	ug/Kg
P4779-01	SOIL-01	SOIL	Dodecane, 1-iodo-	*	490.000	J	0	0	ug/Kg
P4779-01	SOIL-01	SOIL	Heptadecane, 2,6,10,15-tetrameth	*	510.000	J	0	0	ug/Kg
P4779-01	SOIL-01	SOIL	Heptadecane, 2,6-dimethyl-	*	890.000	J	0	0	ug/Kg
P4779-01	SOIL-01	SOIL	Propane, 1,1-dimethoxy-	*	89.000	J	0	0	ug/Kg
P4779-01	SOIL-01	SOIL	unknown10.163	*	91.100	J	0	0	ug/Kg
P4779-01	SOIL-01	SOIL	unknown10.310	*	150.000	J	0	0	ug/Kg
P4779-01	SOIL-01	SOIL	unknown9.616	*	150.000	J	0	0	ug/Kg
P4779-01	SOIL-01	SOIL	unknown9.816	*	120.000	J	0	0	ug/Kg
			Total Tics :		**4,490.10**				
			Total Concentration:		**4,490.10**				

SAMPLE DATA

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Report of Analysis

Client:	CHA Companies, Inc.	Date Collected:	11/07/24
Project:	HRPC	Date Received:	11/08/24
Client Sample ID:	SOIL-01	SDG No.:	P4779
Lab Sample ID:	P4779-01	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	96.8
Sample Wt/Vol:	30.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140361.D	1	11/10/24 09:10	11/14/24 14:47	PB164845

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	190	U	190	340	ug/Kg
108-95-2	Phenol	85.5	U	85.5	180	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	86.3	U	86.3	180	ug/Kg
95-57-8	2-Chlorophenol	86.1	U	86.1	180	ug/Kg
95-48-7	2-Methylphenol	83.1	U	83.1	180	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	93.7	U	93.7	180	ug/Kg
98-86-2	Acetophenone	89.6	U	89.6	180	ug/Kg
65794-96-9	3+4-Methylphenols	82.3	U	82.3	340	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	41.5	U	41.5	82.5	ug/Kg
67-72-1	Hexachloroethane	85.6	U	85.6	180	ug/Kg
98-95-3	Nitrobenzene	93.6	U	93.6	180	ug/Kg
78-59-1	Isophorone	87.2	U	87.2	180	ug/Kg
88-75-5	2-Nitrophenol	97.4	U	97.4	180	ug/Kg
105-67-9	2,4-Dimethylphenol	96.1	U	96.1	180	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	88.5	U	88.5	180	ug/Kg
120-83-2	2,4-Dichlorophenol	77.8	U	77.8	180	ug/Kg
91-20-3	Naphthalene	85.2	U	85.2	180	ug/Kg
106-47-8	4-Chloroaniline	85.2	U	85.2	180	ug/Kg
87-68-3	Hexachlorobutadiene	85.9	U	85.9	180	ug/Kg
105-60-2	Caprolactam	89.5	UQ	89.5	340	ug/Kg
59-50-7	4-Chloro-3-methylphenol	79.9	U	79.9	180	ug/Kg
91-57-6	2-Methylnaphthalene	85.1	U	85.1	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	160	UQ	160	340	ug/Kg
88-06-2	2,4,6-Trichlorophenol	73.6	U	73.6	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	76.3	U	76.3	180	ug/Kg
92-52-4	1,1-Biphenyl	90.1	U	90.1	180	ug/Kg
91-58-7	2-Chloronaphthalene	85.9	U	85.9	180	ug/Kg
88-74-4	2-Nitroaniline	97.9	U	97.9	180	ug/Kg
131-11-3	Dimethylphthalate	84.2	U	84.2	180	ug/Kg

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Project:	HRPC	Date Received:	11/08/24
Client Sample ID:	SOIL-01	SDG No.:	P4779
Lab Sample ID:	P4779-01	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	96.8
Sample Wt/Vol:	30.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140361.D	1	11/10/24 09:10	11/14/24 14:47	PB164845

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	89.2	U	89.2	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	85.8	U	85.8	180	ug/Kg
99-09-2	3-Nitroaniline	92.0	U	92.0	180	ug/Kg
83-32-9	Acenaphthene	83.6	U	83.6	180	ug/Kg
51-28-5	2,4-Dinitrophenol	250	U	250	340	ug/Kg
100-02-7	4-Nitrophenol	120	U	120	340	ug/Kg
132-64-9	Dibenzofuran	87.0	U	87.0	180	ug/Kg
121-14-2	2,4-Dinitrotoluene	88.9	U	88.9	180	ug/Kg
84-66-2	Diethylphthalate	82.6	U	82.6	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	88.3	U	88.3	180	ug/Kg
86-73-7	Fluorene	88.2	U	88.2	180	ug/Kg
100-01-6	4-Nitroaniline	110	U	110	180	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	120	U	120	340	ug/Kg
86-30-6	n-Nitrosodiphenylamine	84.1	U	84.1	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	81.3	U	81.3	180	ug/Kg
118-74-1	Hexachlorobenzene	87.6	U	87.6	180	ug/Kg
1912-24-9	Atrazine	94.2	U	94.2	180	ug/Kg
87-86-5	Pentachlorophenol	79.7	U	79.7	340	ug/Kg
85-01-8	Phenanthrene	86.6	U	86.6	180	ug/Kg
120-12-7	Anthracene	87.0	U	87.0	180	ug/Kg
86-74-8	Carbazole	82.8	U	82.8	180	ug/Kg
84-74-2	Di-n-butylphthalate	86.9	U	86.9	180	ug/Kg
206-44-0	Fluoranthene	84.2	U	84.2	180	ug/Kg
129-00-0	Pyrene	85.6	U	85.6	180	ug/Kg
85-68-7	Butylbenzylphthalate	99.8	U	99.8	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	100	U	100	340	ug/Kg
56-55-3	Benzo(a)anthracene	83.2	U	83.2	180	ug/Kg
218-01-9	Chrysene	82.0	U	82.0	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	93.8	U	93.8	180	ug/Kg
117-84-0	Di-n-octyl phthalate	110	U	110	340	ug/Kg
205-99-2	Benzo(b)fluoranthene	83.6	U	83.6	180	ug/Kg

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Lab Sample ID:	P4779-01	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	96.8
Sample Wt/Vol:	30.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140361.D	1	11/10/24 09:10	11/14/24 14:47	PB164845

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	85.2	U	85.2	180	ug/Kg
50-32-8	Benzo(a)pyrene	95.9	U	95.9	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	80.5	U	80.5	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	83.7	U	83.7	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	82.6	U	82.6	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	89.5	U	89.5	180	ug/Kg
123-91-1	1,4-Dioxane	110	U	110	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	77.0	U	77.0	180	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	91.9		18 - 112	61%	SPK: 150
13127-88-3	Phenol-d6	93.3		15 - 107	62%	SPK: 150
4165-60-0	Nitrobenzene-d5	67.7		18 - 107	68%	SPK: 100
321-60-8	2-Fluorobiphenyl	72.1		20 - 109	72%	SPK: 100
118-79-6	2,4,6-Tribromophenol	67.6		10 - 116	45%	SPK: 150
1718-51-0	Terphenyl-d14	68.5		10 - 105	69%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	116000	6.869			
1146-65-2	Naphthalene-d8	443000	8.151			
15067-26-2	Acenaphthene-d10	234000	9.904			
1517-22-2	Phenanthrene-d10	362000	11.398			
1719-03-5	Chrysene-d12	194000	14.039			
1520-96-3	Perylene-d12	217000	15.539			
TENTATIVE IDENTIFIED COMPOUNDS						
000994-05-8	Butane, 2-methoxy-2-methyl-	1400	J		2.16	ug/Kg
004744-10-9	Propane, 1,1-dimethoxy-	89.0	J		2.27	ug/Kg
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	420	AB		5.09	ug/Kg
	unknown9.616	150	J		9.62	ug/Kg
	unknown9.816	120	J		9.82	ug/Kg
	unknown10.163	91.1	J		10.2	ug/Kg
054832-83-6	1H-Indene, octahydro-2,2,4,4,7,7-h	180	J		10.2	ug/Kg

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CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
	unknown10.310	150	J		10.3	ug/Kg
004292-19-7	Dodecane, 1-iodo-	490	J		10.6	ug/Kg
054105-67-8	Heptadecane, 2,6-dimethyl-	890	J		10.8	ug/Kg
054833-48-6	Heptadecane, 2,6,10,15-tetramethyl	510	J		11.3	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

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LAB CHRONICLE

OrderID:	P4779	**OrderDate:**	11/8/2024 10:38:00 AM
Client:	CHA Companies, Inc.	**Project:**	HRPC
Contact:	Scott Smith	**Location:**	L31,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P4779-01	**SOIL-01**	**SOIL**			**11/07/24**			**11/08/24**
			SVOC-TCL BNA -20	8270E		11/10/24	11/14/24	