



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Hit Summary Sheet
SW-846

SDG No.: P4960
Client: CHA Companies, Inc.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
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Client ID: 0

Total Voc :
Total Concentration:

A
B
C
D



SAMPLE DATA

A

B

C

D

Report of Analysis

Client:	CHA Companies, Inc.		Date Collected:	11/21/24	
Project:	OMH Tank Pull-011 - 078673-01 C-03		Date Received:	11/22/24	
Client Sample ID:	B1		SDG No.:	P4960	
Lab Sample ID:	P4960-01		Matrix:	SOIL	
Analytical Method:	SW8260		% Solid:	97.5	
Sample Wt/Vol:	5.01	Units: g	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	VOCMS Group1	
GC Column:	RXI-624	ID : 0.25	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY020414.D	1		11/22/24 15:36	VY112224

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
1634-04-4	Methyl tert-butyl Ether	0.69	U	0.69	5.10	ug/Kg
71-43-2	Benzene	0.74	U	0.74	5.10	ug/Kg
108-88-3	Toluene	0.69	U	0.69	5.10	ug/Kg
100-41-4	Ethyl Benzene	0.63	U	0.63	5.10	ug/Kg
179601-23-1	m/p-Xylenes	1.40	U	1.40	10.2	ug/Kg
95-47-6	o-Xylene	0.72	U	0.72	5.10	ug/Kg
98-82-8	Isopropylbenzene	0.69	U	0.69	5.10	ug/Kg
103-65-1	n-propylbenzene	0.66	U	0.66	5.10	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	0.66	U	0.66	5.10	ug/Kg
98-06-6	tert-Butylbenzene	0.69	U	0.69	5.10	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	1.40	U	1.40	5.10	ug/Kg
135-98-8	sec-Butylbenzene	0.69	U	0.69	5.10	ug/Kg
99-87-6	p-Isopropyltoluene	0.59	U	0.59	5.10	ug/Kg
104-51-8	n-Butylbenzene	0.64	U	0.64	5.10	ug/Kg
91-20-3	Naphthalene	1.50	U	1.50	5.10	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	48.7		50 - 163	97%	SPK: 50
1868-53-7	Dibromofluoromethane	48.6		54 - 147	97%	SPK: 50
2037-26-5	Toluene-d8	48.2		58 - 134	96%	SPK: 50
460-00-4	4-Bromofluorobenzene	47.1		29 - 146	94%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	140000	7.713			
540-36-3	1,4-Difluorobenzene	267000	8.622			
3114-55-4	Chlorobenzene-d5	244000	11.42			
3855-82-1	1,4-Dichlorobenzene-d4	91300	13.352			

Report of Analysis

Client:	CHA Companies, Inc.		Date Collected:	11/21/24	
Project:	OMH Tank Pull-011 - 078673-01 C-03		Date Received:	11/22/24	
Client Sample ID:	B1		SDG No.:	P4960	
Lab Sample ID:	P4960-01		Matrix:	SOIL	
Analytical Method:	SW8260		% Solid:	97.5	
Sample Wt/Vol:	5.01	Units: g	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	VOCMS Group1	
GC Column:	RXI-624	ID : 0.25	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY020414.D	1		11/22/24 15:36	VY112224

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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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:	CHA Companies, Inc.		Date Collected:	11/21/24	
Project:	OMH Tank Pull-011 - 078673-01 C-03		Date Received:	11/22/24	
Client Sample ID:	B2		SDG No.:	P4960	
Lab Sample ID:	P4960-02		Matrix:	SOIL	
Analytical Method:	SW8260		% Solid:	93.6	
Sample Wt/Vol:	5.09	Units: g	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	VOCMS Group1	
GC Column:	RXI-624	ID : 0.25	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY020415.D	1		11/22/24 16:00	VY112224

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
1634-04-4	Methyl tert-butyl Ether	0.70	U	0.70	5.20	ug/Kg
71-43-2	Benzene	0.76	U	0.76	5.20	ug/Kg
108-88-3	Toluene	0.70	U	0.70	5.20	ug/Kg
100-41-4	Ethyl Benzene	0.65	U	0.65	5.20	ug/Kg
179601-23-1	m/p-Xylenes	1.40	U	1.40	10.5	ug/Kg
95-47-6	o-Xylene	0.73	U	0.73	5.20	ug/Kg
98-82-8	Isopropylbenzene	0.70	U	0.70	5.20	ug/Kg
103-65-1	n-propylbenzene	0.67	U	0.67	5.20	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	0.67	U	0.67	5.20	ug/Kg
98-06-6	tert-Butylbenzene	0.70	U	0.70	5.20	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	1.40	U	1.40	5.20	ug/Kg
135-98-8	sec-Butylbenzene	0.70	U	0.70	5.20	ug/Kg
99-87-6	p-Isopropyltoluene	0.61	U	0.61	5.20	ug/Kg
104-51-8	n-Butylbenzene	0.66	U	0.66	5.20	ug/Kg
91-20-3	Naphthalene	1.60	U	1.60	5.20	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	54.1		50 - 163	108%	SPK: 50
1868-53-7	Dibromofluoromethane	49.7		54 - 147	99%	SPK: 50
2037-26-5	Toluene-d8	48.1		58 - 134	96%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.1		29 - 146	100%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	141000	7.713			
540-36-3	1,4-Difluorobenzene	268000	8.622			
3114-55-4	Chlorobenzene-d5	252000	11.42			
3855-82-1	1,4-Dichlorobenzene-d4	99000	13.352			

Report of Analysis

Client:	CHA Companies, Inc.		Date Collected:	11/21/24	
Project:	OMH Tank Pull-011 - 078673-01 C-03		Date Received:	11/22/24	
Client Sample ID:	B2		SDG No.:	P4960	
Lab Sample ID:	P4960-02		Matrix:	SOIL	
Analytical Method:	SW8260		% Solid:	93.6	
Sample Wt/Vol:	5.09	Units: g	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	VOCMS Group1	
GC Column:	RXI-624	ID : 0.25	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY020415.D	1		11/22/24 16:00	VY112224

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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Report of Analysis

Client:	CHA Companies, Inc.		Date Collected:	11/21/24	
Project:	OMH Tank Pull-011 - 078673-01 C-03		Date Received:	11/22/24	
Client Sample ID:	SW1		SDG No.:	P4960	
Lab Sample ID:	P4960-03		Matrix:	SOIL	
Analytical Method:	SW8260		% Solid:	94.7	
Sample Wt/Vol:	5.06	Units: g	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	VOCMS Group1	
GC Column:	RXI-624	ID : 0.25	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY020433.D	1		11/25/24 16:34	VY112524

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
1634-04-4	Methyl tert-butyl Ether	0.70	U	0.70	5.20	ug/Kg
71-43-2	Benzene	0.75	UQ	0.75	5.20	ug/Kg
108-88-3	Toluene	0.70	UQ	0.70	5.20	ug/Kg
100-41-4	Ethyl Benzene	0.65	UQ	0.65	5.20	ug/Kg
179601-23-1	m/p-Xylenes	1.40	UQ	1.40	10.4	ug/Kg
95-47-6	o-Xylene	0.73	UQ	0.73	5.20	ug/Kg
98-82-8	Isopropylbenzene	0.70	U	0.70	5.20	ug/Kg
103-65-1	n-propylbenzene	0.67	U	0.67	5.20	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	0.67	UQ	0.67	5.20	ug/Kg
98-06-6	tert-Butylbenzene	0.70	U	0.70	5.20	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	1.40	U	1.40	5.20	ug/Kg
135-98-8	sec-Butylbenzene	0.70	U	0.70	5.20	ug/Kg
99-87-6	p-Isopropyltoluene	0.61	U	0.61	5.20	ug/Kg
104-51-8	n-Butylbenzene	0.66	U	0.66	5.20	ug/Kg
91-20-3	Naphthalene	1.60	U	1.60	5.20	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	44.7		50 - 163	89%	SPK: 50
1868-53-7	Dibromofluoromethane	46.9		54 - 147	94%	SPK: 50
2037-26-5	Toluene-d8	47.7		58 - 134	95%	SPK: 50
460-00-4	4-Bromofluorobenzene	45.1		29 - 146	90%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	109000	7.713			
540-36-3	1,4-Difluorobenzene	194000	8.616			
3114-55-4	Chlorobenzene-d5	173000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	63900	13.346			

Report of Analysis

Client:	CHA Companies, Inc.		Date Collected:	11/21/24	
Project:	OMH Tank Pull-011 - 078673-01 C-03		Date Received:	11/22/24	
Client Sample ID:	SW1		SDG No.:	P4960	
Lab Sample ID:	P4960-03		Matrix:	SOIL	
Analytical Method:	SW8260		% Solid:	94.7	
Sample Wt/Vol:	5.06	Units: g	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	VOCMS Group1	
GC Column:	RXI-624	ID : 0.25	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY020433.D	1		11/25/24 16:34	VY112524

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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A = Aldol-Condensation Reaction Products

Report of Analysis

Client:	CHA Companies, Inc.		Date Collected:	11/21/24	
Project:	OMH Tank Pull-011 - 078673-01 C-03		Date Received:	11/22/24	
Client Sample ID:	SW2		SDG No.:	P4960	
Lab Sample ID:	P4960-04		Matrix:	SOIL	
Analytical Method:	SW8260		% Solid:	89.9	
Sample Wt/Vol:	5.02	Units: g	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	VOCMS Group1	
GC Column:	RXI-624	ID : 0.25	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY020434.D	1		11/25/24 16:57	VY112524

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
1634-04-4	Methyl tert-butyl Ether	0.74	U	0.74	5.50	ug/Kg
71-43-2	Benzene	0.80	UQ	0.80	5.50	ug/Kg
108-88-3	Toluene	0.74	UQ	0.74	5.50	ug/Kg
100-41-4	Ethyl Benzene	0.69	UQ	0.69	5.50	ug/Kg
179601-23-1	m/p-Xylenes	1.50	UQ	1.50	11.1	ug/Kg
95-47-6	o-Xylene	0.78	UQ	0.78	5.50	ug/Kg
98-82-8	Isopropylbenzene	0.74	U	0.74	5.50	ug/Kg
103-65-1	n-propylbenzene	0.71	U	0.71	5.50	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	0.71	UQ	0.71	5.50	ug/Kg
98-06-6	tert-Butylbenzene	0.74	U	0.74	5.50	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	1.50	U	1.50	5.50	ug/Kg
135-98-8	sec-Butylbenzene	0.74	U	0.74	5.50	ug/Kg
99-87-6	p-Isopropyltoluene	0.64	U	0.64	5.50	ug/Kg
104-51-8	n-Butylbenzene	0.70	U	0.70	5.50	ug/Kg
91-20-3	Naphthalene	1.70	U	1.70	5.50	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	43.4		50 - 163	87%	SPK: 50
1868-53-7	Dibromofluoromethane	47.6		54 - 147	95%	SPK: 50
2037-26-5	Toluene-d8	45.2		58 - 134	90%	SPK: 50
460-00-4	4-Bromofluorobenzene	37.5		29 - 146	75%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	25400	7.713			
540-36-3	1,4-Difluorobenzene	42500	8.616			
3114-55-4	Chlorobenzene-d5	33600	11.42			
3855-82-1	1,4-Dichlorobenzene-d4	10400	13.346			

Report of Analysis

Client:	CHA Companies, Inc.		Date Collected:	11/21/24	
Project:	OMH Tank Pull-011 - 078673-01 C-03		Date Received:	11/22/24	
Client Sample ID:	SW2		SDG No.:	P4960	
Lab Sample ID:	P4960-04		Matrix:	SOIL	
Analytical Method:	SW8260		% Solid:	89.9	
Sample Wt/Vol:	5.02	Units: g	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	VOCMS Group1	
GC Column:	RXI-624	ID : 0.25	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY020434.D	1		11/25/24 16:57	VY112524

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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U = Not Detected

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B = Analyte Found in Associated Method Blank

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A = Aldol-Condensation Reaction Products

Report of Analysis

Client:	CHA Companies, Inc.		Date Collected:	11/21/24	
Project:	OMH Tank Pull-011 - 078673-01 C-03		Date Received:	11/22/24	
Client Sample ID:	SW3		SDG No.:	P4960	
Lab Sample ID:	P4960-05		Matrix:	SOIL	
Analytical Method:	SW8260		% Solid:	95.4	
Sample Wt/Vol:	5.04	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:	100	uL	Test:	VOCMS Group1	
GC Column:	DB-624UI	ID : 0.18	Level :	MED	
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044086.D	1		12/03/24 12:10	VX120324

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
1634-04-4	Methyl tert-butyl Ether	69.7	U	69.7	520	ug/Kg
71-43-2	Benzene	74.9	U	74.9	520	ug/Kg
108-88-3	Toluene	69.7	U	69.7	520	ug/Kg
100-41-4	Ethyl Benzene	64.5	U	64.5	520	ug/Kg
179601-23-1	m/p-Xylenes	140	U	140	1000	ug/Kg
95-47-6	o-Xylene	72.8	U	72.8	520	ug/Kg
98-82-8	Isopropylbenzene	69.7	U	69.7	520	ug/Kg
103-65-1	n-propylbenzene	66.6	U	66.6	520	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	66.6	U	66.6	520	ug/Kg
98-06-6	tert-Butylbenzene	69.7	U	69.7	520	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	140	U	140	520	ug/Kg
135-98-8	sec-Butylbenzene	69.7	U	69.7	520	ug/Kg
99-87-6	p-Isopropyltoluene	60.3	U	60.3	520	ug/Kg
104-51-8	n-Butylbenzene	65.5	U	65.5	520	ug/Kg
91-20-3	Naphthalene	150	U	150	520	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	51.3		50 - 163	103%	SPK: 50
1868-53-7	Dibromofluoromethane	44.1		54 - 147	88%	SPK: 50
2037-26-5	Toluene-d8	50.3		58 - 134	101%	SPK: 50
460-00-4	4-Bromofluorobenzene	53.0		29 - 146	106%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	118000	5.544			
540-36-3	1,4-Difluorobenzene	229000	6.757			
3114-55-4	Chlorobenzene-d5	206000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	93400	12.018			

Report of Analysis

Client:	CHA Companies, Inc.		Date Collected:	11/21/24	
Project:	OMH Tank Pull-011 - 078673-01 C-03		Date Received:	11/22/24	
Client Sample ID:	SW3		SDG No.:	P4960	
Lab Sample ID:	P4960-05		Matrix:	SOIL	
Analytical Method:	SW8260		% Solid:	95.4	
Sample Wt/Vol:	5.04	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:	100	uL	Test:	VOCMS Group1	
GC Column:	DB-624UI	ID : 0.18	Level :	MED	
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044086.D	1		12/03/24 12:10	VX120324

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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Report of Analysis

Client:	CHA Companies, Inc.		Date Collected:	11/21/24	
Project:	OMH Tank Pull-011 - 078673-01 C-03		Date Received:	11/22/24	
Client Sample ID:	SW4		SDG No.:	P4960	
Lab Sample ID:	P4960-06		Matrix:	SOIL	
Analytical Method:	SW8260		% Solid:	96.5	
Sample Wt/Vol:	5.1	Units: g	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	VOCMS Group1	
GC Column:	RXI-624	ID : 0.25	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY020436.D	1		11/25/24 17:44	VY112524

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
1634-04-4	Methyl tert-butyl Ether	0.68	U	0.68	5.10	ug/Kg
71-43-2	Benzene	0.73	UQ	0.73	5.10	ug/Kg
108-88-3	Toluene	0.68	UQ	0.68	5.10	ug/Kg
100-41-4	Ethyl Benzene	0.63	UQ	0.63	5.10	ug/Kg
179601-23-1	m/p-Xylenes	1.40	UQ	1.40	10.2	ug/Kg
95-47-6	o-Xylene	0.71	UQ	0.71	5.10	ug/Kg
98-82-8	Isopropylbenzene	0.68	U	0.68	5.10	ug/Kg
103-65-1	n-propylbenzene	0.65	U	0.65	5.10	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	0.65	UQ	0.65	5.10	ug/Kg
98-06-6	tert-Butylbenzene	0.68	U	0.68	5.10	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	1.40	U	1.40	5.10	ug/Kg
135-98-8	sec-Butylbenzene	0.68	U	0.68	5.10	ug/Kg
99-87-6	p-Isopropyltoluene	0.59	U	0.59	5.10	ug/Kg
104-51-8	n-Butylbenzene	0.64	U	0.64	5.10	ug/Kg
91-20-3	Naphthalene	1.50	U	1.50	5.10	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	23.7	*	50 - 163	47%	SPK: 50
1868-53-7	Dibromofluoromethane	42.5		54 - 147	85%	SPK: 50
2037-26-5	Toluene-d8	43.1		58 - 134	86%	SPK: 50
460-00-4	4-Bromofluorobenzene	21.0		29 - 146	42%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	16400	7.713			
540-36-3	1,4-Difluorobenzene	22400	8.616			
3114-55-4	Chlorobenzene-d5	13800	11.42			
3855-82-1	1,4-Dichlorobenzene-d4	2510	13.347			

Report of Analysis

Client:	CHA Companies, Inc.		Date Collected:	11/21/24	
Project:	OMH Tank Pull-011 - 078673-01 C-03		Date Received:	11/22/24	
Client Sample ID:	SW4		SDG No.:	P4960	
Lab Sample ID:	P4960-06		Matrix:	SOIL	
Analytical Method:	SW8260		% Solid:	96.5	
Sample Wt/Vol:	5.1	Units: g	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	VOCMS Group1	
GC Column:	RXI-624	ID : 0.25	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY020436.D	1		11/25/24 17:44	VY112524

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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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

LAB CHRONICLE

OrderID:	P4960	OrderDate:	11/22/2024 10:42:00 AM
Client:	CHA Companies, Inc.	Project:	OMH Tank Pull-011 - 078673-01 C-03
Contact:	Scott Smith	Location:	M11,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P4960-01	B1	SOIL	VOCMS Group1	8260D	11/21/24		11/22/24	11/22/24
P4960-02	B2	SOIL	VOCMS Group1	8260D	11/21/24		11/22/24	11/22/24
P4960-03	SW1	SOIL	VOCMS Group1	8260D	11/21/24		11/25/24	11/22/24
P4960-04	SW2	SOIL	VOCMS Group1	8260D	11/21/24		11/25/24	11/22/24
P4960-05	SW3	SOIL	VOCMS Group1	8260D	11/21/24		11/27/24	11/22/24
			VOCMS Group1	8260D			12/03/24	
P4960-06	SW4	SOIL	VOCMS Group1	8260D	11/21/24		11/25/24	11/22/24



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.: P4960
Client: CHA Companies, Inc.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID :				0.000				
Total Svoc :					0.00			
Total Concentration:					0.00			



SAMPLE DATA

A

B

C

D

Report of Analysis

Client:	CHA Companies, Inc.		Date Collected:	11/21/24	
Project:	OMH Tank Pull-011 - 078673-01 C-03		Date Received:	11/22/24	
Client Sample ID:	B1		SDG No.:	P4960	
Lab Sample ID:	P4960-01		Matrix:	SOIL	
Analytical Method:	SW8270		% Solid:	97.5	
Sample Wt/Vol:	30.01	Units: g	Final Vol:	1000	uL
Soil Aliquot Vol:		uL	Test:	SVOCMS Group1	
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
BF140610.D	1	11/22/24 08:55	11/25/24 18:34	PB165185

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
208-96-8	Acenaphthylene	88.7	UQ	88.7	170	ug/Kg
83-32-9	Acenaphthene	83.2	U	83.2	170	ug/Kg
86-73-7	Fluorene	87.7	U	87.7	170	ug/Kg
85-01-8	Phenanthrene	86.1	U	86.1	170	ug/Kg
120-12-7	Anthracene	86.5	UQ	86.5	170	ug/Kg
206-44-0	Fluoranthene	83.8	U	83.8	170	ug/Kg
129-00-0	Pyrene	85.1	U	85.1	170	ug/Kg
56-55-3	Benzo(a)anthracene	82.7	UQ	82.7	170	ug/Kg
218-01-9	Chrysene	81.5	UQ	81.5	170	ug/Kg
205-99-2	Benzo(b)fluoranthene	83.2	U	83.2	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	84.7	U	84.7	170	ug/Kg
50-32-8	Benzo(a)pyrene	95.4	UQ	95.4	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	80.1	U	80.1	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	83.3	U	83.3	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	82.1	U	82.1	170	ug/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	64.7		18 - 107	65%	SPK: 100
321-60-8	2-Fluorobiphenyl	68.2		20 - 109	68%	SPK: 100
1718-51-0	Terphenyl-d14	62.2		10 - 105	62%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	59100	6.869			
1146-65-2	Naphthalene-d8	220000	8.151			
15067-26-2	Acenaphthene-d10	120000	9.904			
1517-22-2	Phenanthrene-d10	221000	11.392			
1719-03-5	Chrysene-d12	152000	14.045			
1520-96-3	Perylene-d12	127000	15.545			

Report of Analysis

Client:	CHA Companies, Inc.		Date Collected:	11/21/24
Project:	OMH Tank Pull-011 - 078673-01 C-03		Date Received:	11/22/24
Client Sample ID:	B1		SDG No.:	P4960
Lab Sample ID:	P4960-01		Matrix:	SOIL
Analytical Method:	SW8270		% Solid:	97.5
Sample Wt/Vol:	30.01	Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:		uL	Test:	SVOCMS Group1
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
BF140610.D	1	11/22/24 08:55	11/25/24 18:34	PB165185

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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U = Not Detected

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LOD = Limit of Detection

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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:	CHA Companies, Inc.		Date Collected:	11/21/24
Project:	OMH Tank Pull-011 - 078673-01 C-03		Date Received:	11/22/24
Client Sample ID:	B2		SDG No.:	P4960
Lab Sample ID:	P4960-02		Matrix:	SOIL
Analytical Method:	SW8270		% Solid:	93.6
Sample Wt/Vol:	30.02	Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:		uL	Test:	SVOCMS Group1
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
BF140636.D	1	11/22/24 08:55	11/26/24 12:44	PB165185

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
208-96-8	Acenaphthylene	92.4	UQ	92.4	180	ug/Kg
83-32-9	Acenaphthene	86.6	U	86.6	180	ug/Kg
86-73-7	Fluorene	91.3	U	91.3	180	ug/Kg
85-01-8	Phenanthrene	89.7	U	89.7	180	ug/Kg
120-12-7	Anthracene	90.1	UQ	90.1	180	ug/Kg
206-44-0	Fluoranthene	87.2	U	87.2	180	ug/Kg
129-00-0	Pyrene	88.6	U	88.6	180	ug/Kg
56-55-3	Benzo(a)anthracene	86.2	UQ	86.2	180	ug/Kg
218-01-9	Chrysene	84.9	UQ	84.9	180	ug/Kg
205-99-2	Benzo(b)fluoranthene	86.6	U	86.6	180	ug/Kg
207-08-9	Benzo(k)fluoranthene	88.2	U	88.2	180	ug/Kg
50-32-8	Benzo(a)pyrene	99.3	UQ	99.3	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	83.4	U	83.4	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	86.7	U	86.7	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	85.5	U	85.5	180	ug/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	61.2		18 - 107	61%	SPK: 100
321-60-8	2-Fluorobiphenyl	62.5		20 - 109	63%	SPK: 100
1718-51-0	Terphenyl-d14	63.5		10 - 105	64%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	80600	6.869			
1146-65-2	Naphthalene-d8	317000	8.151			
15067-26-2	Acenaphthene-d10	169000	9.904			
1517-22-2	Phenanthrene-d10	307000	11.398			
1719-03-5	Chrysene-d12	165000	14.045			
1520-96-3	Perylene-d12	165000	15.539			

Report of Analysis

Client:	CHA Companies, Inc.		Date Collected:	11/21/24
Project:	OMH Tank Pull-011 - 078673-01 C-03		Date Received:	11/22/24
Client Sample ID:	B2		SDG No.:	P4960
Lab Sample ID:	P4960-02		Matrix:	SOIL
Analytical Method:	SW8270		% Solid:	93.6
Sample Wt/Vol:	30.02	Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:		uL	Test:	SVOCMS Group1
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
BF140636.D	1	11/22/24 08:55	11/26/24 12:44	PB165185

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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U = Not Detected

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* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client:	CHA Companies, Inc.		Date Collected:	11/21/24
Project:	OMH Tank Pull-011 - 078673-01 C-03		Date Received:	11/22/24
Client Sample ID:	SW1		SDG No.:	P4960
Lab Sample ID:	P4960-03		Matrix:	SOIL
Analytical Method:	SW8270		% Solid:	94.7
Sample Wt/Vol:	30.02	Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:		uL	Test:	SVOCMS Group1
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
BF140638.D	1	11/22/24 08:55	11/26/24 13:36	PB165185

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
208-96-8	Acenaphthylene	91.3	UQ	91.3	180	ug/Kg
83-32-9	Acenaphthene	85.6	U	85.6	180	ug/Kg
86-73-7	Fluorene	90.2	U	90.2	180	ug/Kg
85-01-8	Phenanthrene	88.6	U	88.6	180	ug/Kg
120-12-7	Anthracene	89.1	UQ	89.1	180	ug/Kg
206-44-0	Fluoranthene	86.2	U	86.2	180	ug/Kg
129-00-0	Pyrene	87.6	U	87.6	180	ug/Kg
56-55-3	Benzo(a)anthracene	85.2	UQ	85.2	180	ug/Kg
218-01-9	Chrysene	83.9	UQ	83.9	180	ug/Kg
205-99-2	Benzo(b)fluoranthene	85.6	U	85.6	180	ug/Kg
207-08-9	Benzo(k)fluoranthene	87.2	U	87.2	180	ug/Kg
50-32-8	Benzo(a)pyrene	98.1	UQ	98.1	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	82.4	U	82.4	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	85.7	U	85.7	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	84.5	U	84.5	180	ug/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	60.7		18 - 107	61%	SPK: 100
321-60-8	2-Fluorobiphenyl	63.4		20 - 109	63%	SPK: 100
1718-51-0	Terphenyl-d14	67.8		10 - 105	68%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	73400	6.869			
1146-65-2	Naphthalene-d8	268000	8.151			
15067-26-2	Acenaphthene-d10	142000	9.904			
1517-22-2	Phenanthrene-d10	270000	11.398			
1719-03-5	Chrysene-d12	147000	14.045			
1520-96-3	Perylene-d12	144000	15.533			

Report of Analysis

Client:	CHA Companies, Inc.		Date Collected:	11/21/24
Project:	OMH Tank Pull-011 - 078673-01 C-03		Date Received:	11/22/24
Client Sample ID:	SW1		SDG No.:	P4960
Lab Sample ID:	P4960-03		Matrix:	SOIL
Analytical Method:	SW8270		% Solid:	94.7
Sample Wt/Vol:	30.02	Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:		uL	Test:	SVOCMS Group1
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
BF140638.D	1	11/22/24 08:55	11/26/24 13:36	PB165185

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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U = Not Detected

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A = Aldol-Condensation Reaction Products

Report of Analysis

Client:	CHA Companies, Inc.		Date Collected:	11/21/24
Project:	OMH Tank Pull-011 - 078673-01 C-03		Date Received:	11/22/24
Client Sample ID:	SW2		SDG No.:	P4960
Lab Sample ID:	P4960-04		Matrix:	SOIL
Analytical Method:	SW8270		% Solid:	89.9
Sample Wt/Vol:	30.05	Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:		uL	Test:	SVOCMS Group1
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
BF140634.D	1	11/22/24 08:55	11/26/24 11:52	PB165185

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
208-96-8	Acenaphthylene	96.1	UQ	96.1	190	ug/Kg
83-32-9	Acenaphthene	90.1	U	90.1	190	ug/Kg
86-73-7	Fluorene	94.9	U	94.9	190	ug/Kg
85-01-8	Phenanthrene	93.3	U	93.3	190	ug/Kg
120-12-7	Anthracene	93.7	UQ	93.7	190	ug/Kg
206-44-0	Fluoranthene	90.7	U	90.7	190	ug/Kg
129-00-0	Pyrene	92.2	U	92.2	190	ug/Kg
56-55-3	Benzo(a)anthracene	89.6	UQ	89.6	190	ug/Kg
218-01-9	Chrysene	88.3	UQ	88.3	190	ug/Kg
205-99-2	Benzo(b)fluoranthene	90.1	U	90.1	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	91.7	U	91.7	190	ug/Kg
50-32-8	Benzo(a)pyrene	100	UQ	100	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	86.7	U	86.7	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	90.2	U	90.2	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	89.0	U	89.0	190	ug/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	69.6		18 - 107	70%	SPK: 100
321-60-8	2-Fluorobiphenyl	69.9		20 - 109	70%	SPK: 100
1718-51-0	Terphenyl-d14	74.4		10 - 105	74%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	88000		6.869		
1146-65-2	Naphthalene-d8	330000		8.151		
15067-26-2	Acenaphthene-d10	180000		9.904		
1517-22-2	Phenanthrene-d10	329000		11.398		
1719-03-5	Chrysene-d12	164000		14.045		
1520-96-3	Perylene-d12	173000		15.533		

Report of Analysis

Client:	CHA Companies, Inc.		Date Collected:	11/21/24	
Project:	OMH Tank Pull-011 - 078673-01 C-03		Date Received:	11/22/24	
Client Sample ID:	SW2		SDG No.:	P4960	
Lab Sample ID:	P4960-04		Matrix:	SOIL	
Analytical Method:	SW8270		% Solid:	89.9	
Sample Wt/Vol:	30.05	Units: g	Final Vol:	1000	uL
Soil Aliquot Vol:		uL	Test:	SVOCMS Group1	
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
BF140634.D	1	11/22/24 08:55	11/26/24 11:52	PB165185

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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U = Not Detected

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A = Aldol-Condensation Reaction Products

Report of Analysis

Client:	CHA Companies, Inc.		Date Collected:	11/21/24
Project:	OMH Tank Pull-011 - 078673-01 C-03		Date Received:	11/22/24
Client Sample ID:	SW3		SDG No.:	P4960
Lab Sample ID:	P4960-05		Matrix:	SOIL
Analytical Method:	SW8270		% Solid:	95.4
Sample Wt/Vol:	30.01	Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:		uL	Test:	SVOCMS Group1
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
BF140611.D	1	11/22/24 08:55	11/25/24 19:00	PB165185

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
208-96-8	Acenaphthylene	90.6	UQ	90.6	180	ug/Kg
83-32-9	Acenaphthene	85.0	U	85.0	180	ug/Kg
86-73-7	Fluorene	89.6	U	89.6	180	ug/Kg
85-01-8	Phenanthrene	88.0	U	88.0	180	ug/Kg
120-12-7	Anthracene	88.4	UQ	88.4	180	ug/Kg
206-44-0	Fluoranthene	85.6	U	85.6	180	ug/Kg
129-00-0	Pyrene	87.0	U	87.0	180	ug/Kg
56-55-3	Benzo(a)anthracene	84.6	UQ	84.6	180	ug/Kg
218-01-9	Chrysene	83.3	UQ	83.3	180	ug/Kg
205-99-2	Benzo(b)fluoranthene	85.0	U	85.0	180	ug/Kg
207-08-9	Benzo(k)fluoranthene	86.6	U	86.6	180	ug/Kg
50-32-8	Benzo(a)pyrene	97.5	UQ	97.5	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	81.8	U	81.8	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	85.1	U	85.1	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	83.9	U	83.9	180	ug/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	66.6		18 - 107	67%	SPK: 100
321-60-8	2-Fluorobiphenyl	71.0		20 - 109	71%	SPK: 100
1718-51-0	Terphenyl-d14	63.9		10 - 105	64%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	58400	6.869			
1146-65-2	Naphthalene-d8	221000	8.151			
15067-26-2	Acenaphthene-d10	117000	9.904			
1517-22-2	Phenanthrene-d10	220000	11.392			
1719-03-5	Chrysene-d12	146000	14.045			
1520-96-3	Perylene-d12	127000	15.551			

Report of Analysis

Client:	CHA Companies, Inc.		Date Collected:	11/21/24
Project:	OMH Tank Pull-011 - 078673-01 C-03		Date Received:	11/22/24
Client Sample ID:	SW3		SDG No.:	P4960
Lab Sample ID:	P4960-05		Matrix:	SOIL
Analytical Method:	SW8270		% Solid:	95.4
Sample Wt/Vol:	30.01	Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:		uL	Test:	SVOCMS Group1
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
BF140611.D	1	11/22/24 08:55	11/25/24 19:00	PB165185

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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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:	CHA Companies, Inc.		Date Collected:	11/21/24
Project:	OMH Tank Pull-011 - 078673-01 C-03		Date Received:	11/22/24
Client Sample ID:	SW4		SDG No.:	P4960
Lab Sample ID:	P4960-06		Matrix:	SOIL
Analytical Method:	SW8270		% Solid:	96.5
Sample Wt/Vol:	30.03	Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:		uL	Test:	SVOCMS Group1
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
BF140635.D	1	11/22/24 08:55	11/26/24 12:18	PB165185

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
208-96-8	Acenaphthylene	89.5	UQ	89.5	180	ug/Kg
83-32-9	Acenaphthene	84.0	U	84.0	180	ug/Kg
86-73-7	Fluorene	88.5	U	88.5	180	ug/Kg
85-01-8	Phenanthrene	87.0	U	87.0	180	ug/Kg
120-12-7	Anthracene	87.4	UQ	87.4	180	ug/Kg
206-44-0	Fluoranthene	84.6	U	84.6	180	ug/Kg
129-00-0	Pyrene	85.9	U	85.9	180	ug/Kg
56-55-3	Benzo(a)anthracene	83.5	UQ	83.5	180	ug/Kg
218-01-9	Chrysene	82.3	UQ	82.3	180	ug/Kg
205-99-2	Benzo(b)fluoranthene	84.0	U	84.0	180	ug/Kg
207-08-9	Benzo(k)fluoranthene	85.5	U	85.5	180	ug/Kg
50-32-8	Benzo(a)pyrene	96.3	UQ	96.3	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	80.9	U	80.9	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	84.1	U	84.1	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	82.9	U	82.9	180	ug/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	62.9		18 - 107	63%	SPK: 100
321-60-8	2-Fluorobiphenyl	66.2		20 - 109	66%	SPK: 100
1718-51-0	Terphenyl-d14	69.2		10 - 105	69%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	73600	6.869			
1146-65-2	Naphthalene-d8	274000	8.151			
15067-26-2	Acenaphthene-d10	146000	9.904			
1517-22-2	Phenanthrene-d10	266000	11.398			
1719-03-5	Chrysene-d12	149000	14.045			
1520-96-3	Perylene-d12	141000	15.539			

Report of Analysis

Client:	CHA Companies, Inc.		Date Collected:	11/21/24	
Project:	OMH Tank Pull-011 - 078673-01 C-03		Date Received:	11/22/24	
Client Sample ID:	SW4		SDG No.:	P4960	
Lab Sample ID:	P4960-06		Matrix:	SOIL	
Analytical Method:	SW8270		% Solid:	96.5	
Sample Wt/Vol:	30.03	Units: g	Final Vol:	1000	uL
Soil Aliquot Vol:		uL	Test:	SVOCMS Group1	
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
BF140635.D	1	11/22/24 08:55	11/26/24 12:18	PB165185

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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LAB CHRONICLE

OrderID:	P4960	OrderDate:	11/22/2024 10:42:00 AM
Client:	CHA Companies, Inc.	Project:	OMH Tank Pull-011 - 078673-01 C-03
Contact:	Scott Smith	Location:	M11,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P4960-01	B1	SOIL	SVOCMS Group1	8270E	11/21/24	11/22/24	11/25/24	11/22/24
P4960-02	B2	SOIL	SVOCMS Group1	8270E	11/21/24	11/22/24	11/26/24	11/22/24
P4960-03	SW1	SOIL	SVOCMS Group1	8270E	11/21/24	11/22/24	11/26/24	11/22/24
P4960-04	SW2	SOIL	SVOCMS Group1	8270E	11/21/24	11/22/24	11/26/24	11/22/24
P4960-05	SW3	SOIL	SVOCMS Group1	8270E	11/21/24	11/22/24	11/25/24	11/22/24
P4960-06	SW4	SOIL	SVOCMS Group1	8270E	11/21/24	11/22/24	11/26/24	11/22/24