

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			

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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