



284 Sheffield Street, Mountainside NJ 07092 Phone: 908 789 8900 Fax : 908 789 8922

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	07/11/23
Project:	LOD-LOQ Study	Date Received:	07/11/23
Client Sample ID:	LOD-MDL-WATER-01-QT3-2023	SDG No.:	O3572
Lab Sample ID:	O3572-07	Matrix:	Water
Analytical Method:	NJEPH	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	2000
Prep Method :	SW3510	Test:	EPH
			uL

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FG012673.D	1	08/03/23	08/10/23	PB154616

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	23.3	J	6.87	30.0	ug/l
Aliphatic C12-C16	Aliphatic C12-C16	15.9	J	3.59	20.0	ug/l
Aliphatic C16-C21	Aliphatic C16-C21	24.5	J	4.10	30.0	ug/l
Aliphatic C21-C28	Aliphatic C21-C28	32.7	J	7.08	40.0	ug/l
Aliphatic C28-C40	Aliphatic C28-C40	48.0	J	16.7	60.0	ug/l
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	48.7		40 - 140	97%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50



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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	O3572-07	Acq On:	10 Aug 2023 18:10
Client Sample ID:	LOD-MDL-WATER-01-QT	Operator:	YP\AJ
Data file:	FG012673.D	Misc:	
Instrument:	FID_G	ALS Vial:	14
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.246	6.869	1227071	11.665	300	ug/ml
Aliphatic C12-C16	6.870	10.315	860733	7.961	200	ug/ml
Aliphatic C16-C21	10.316	13.690	1350912	12.242	300	ug/ml
Aliphatic C21-C28	13.691	17.358	1733766	16.37	400	ug/ml
Aliphatic C28-C40	17.359	22.311	2188555	24.015	600	ug/ml
Aliphatic EPH	3.246	22.311	7361037	72.253		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.425	13.425	5079430	48.7		ug/ml
Aliphatic C9-C28	3.246	17.358	5172482	48.238	1200	ug/ml