



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

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	04/22/19
Project:	NJ Soil PT	Date Received:	04/24/19
Client Sample ID:	PT-NJEPH-SOIL	SDG No.:	K2551
Lab Sample ID:	K2551-16	Matrix:	Solid
Analytical Method:	NJEPH	% Moisture:	0
Sample Wt/Vol:	20.2	Units:	g
Soil Aliquot Vol:		Final Vol:	2000
		Test:	EPH

Prep Date :
04/30/19 16:20

Date Analyzed :
05/03/19 11:06

Prep Batch ID
PB119321

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	128		10	4.44	14.9	mg/kg	FC041000.D
Aliphatic C12-C16	Aliphatic C12-C16	226		20	7.2	19.8	mg/kg	FC041001.D
Aliphatic C16-C21	Aliphatic C16-C21	190		10	6.2	14.9	mg/kg	FC041000.D
Aliphatic C21-C28	Aliphatic C21-C28	28.9		10	7.93	19.8	mg/kg	FC041000.D
Aliphatic C28-C40	Aliphatic C28-C40	28.6		1	1.19	2.97	mg/kg	FC040977.D
Aromatic C10-C12	Aromatic C10-C12	17.8		1	0.215	0.99	mg/kg	FD029104.D
Aromatic C12-C16	Aromatic C12-C16	60.2		5	0.782	7.43	mg/kg	FD029114.D
Aromatic C16-C21	Aromatic C16-C21	104		5	1.13	12.4	mg/kg	FD029114.D
Aromatic C21-C36	Aromatic C21-C36	27.9		1	0.923	3.96	mg/kg	FD029104.D
Total AliphaticEPH	Total AliphaticEPH	601			27	72.4	mg/kg	
Total AromaticEPH	Total AromaticEPH	209			3.05	24.8	mg/kg	
Total EPH	Total EPH	811			30	97.2	mg/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

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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Lab Sample ID:	K2551-16	Matrix:	Solid
Analytical Method:	NJEPH	% Moisture:	0
Sample Wt/Vol:	20.2 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC040977.D	1	04/30/19	05/02/19	PB119321

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	121	E	0.444	1.49	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	237	E	0.36	0.99	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	214	E	0.62	1.49	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	42.1	E	0.793	1.98	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	28.6		1.19	2.97	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	30.4		40 - 140	60.88%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0		40 - 140	0%	SPK: 50



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Client:	Chemtech Consulting Group	Date Collected:	04/22/19
Project:	NJ Soil PT	Date Received:	04/24/19
Client Sample ID:	PT-NJEPH-SOILDL	SDG No.:	K2551
Lab Sample ID:	K2551-16DL	Matrix:	Solid
Analytical Method:	NJEPH	% Moisture:	0
Sample Wt/Vol:	20.2 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC041000.D	10	04/30/19	05/03/19	PB119321

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	12k		4.44	14.9	mg/7g
Aliphatic C12-C16	Aliphatic C12-C16	243	E	3.6	9.9	mg/7g
Aliphatic C16-C21	Aliphatic C16-C21	190		6.2	14.9	mg/7g
Aliphatic C21-C2k	Aliphatic C21-C2k	2k.9		8.93	19.k	mg/7g
Aliphatic C2k-C40	Aliphatic C2k-C40	156		11.9	29.8	mg/7g
SURROGATES						
33k3-33-2	1-chlorooctadecane (SURR)	3.43		40 - 140	6k.6%	SPK: 50
k4-15-1	ortho-Terphenyl (SURR)	0		40 - 140	0%	SPK: 50

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	04/KK/19
Project:	NJ Soil PT	Date Received:	04/K4/19
Client Sample ID:	PT-NJEPH-SOILDLK	SDG No.:	2 K551
Lab Sample ID:	2 K551-16DLK	Matrix:	Solid
Analytical Method:	NJEPH	% Moisture:	0
Sample Wt/Vol:	K0.K Units: g	Final Vol:	K000 uL
Soil Aliquot Vol:	uL	Test:	EPH

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC041001.D	K0	04/30/19	05/03/19	PB1193K1

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C1K	Aliphatic C9-C1K	1K3		k.kk	K9.8	mg/7g
Aliphatic C1K-C16	Aliphatic C1K-C16	KK6		8.K	19.k	mg/7g
Aliphatic C16-CKI	Aliphatic C16-CKI	188		1K4	K9.8	mg/7g
Aliphatic CKI-CKk	Aliphatic CKI-CKk	33.1	J	15.9	39.6	mg/7g
Aliphatic CKk-C40	Aliphatic CKk-C40	K16		K3.k	59.4	mg/7g
SURROGATES						
33k3-33-K	1-chlorooctadecane (SURRE)	1.56		40 - 140	6K4%	SP2 : 50
k4-15-1	ortho-Terphenyl (SURRE)	0		40 - 140	0%	SP2 : 50

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Client Sample ID:	PT-NJEPH-SOIL	SDG No.:	K2551
Lab Sample ID:	K2551-16	Matrix:	Solid
Analytical Method:	NJEPH	% Moisture:	0
Sample Wt/Vol:	20.2 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD029104.D	1	04/30/19	05/02/19	PB119321

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	1k.8		0.215	0.99	mg/7g
Aromatic C12-C16	Aromatic C12-C16	60.6	E	0.156	1.49	mg/7g
Aromatic C16-C21	Aromatic C16-C21	111	E	0.225	2.48	mg/7g
Aromatic C21-C36	Aromatic C21-C36	2k.9		0.923	3.96	mg/7g
SURROGATES						
580-13-2	2-Bromonaphthalene (SURRE)	48.3		40 - 140	96.54%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURRE)	44.1		40 - 140	88.26%	SPK: 50
84-15-1	ortho-Terphenyl (SURRE)	32.4		40 - 140	64.k6%	SPK: 50

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Lab Sample ID:	K2551-16DL	Matrix:	Solid
Analytical Method:	NJEPH	% Moisture:	0
Sample Wt/Vol:	20.2 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD029114.D	5	04/30/19	05/03/19	PB119321

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	18.2		1.0k	4.95	mg/7g
Aromatic C12-C16	Aromatic C12-C16	60.2		0.8k2	8.43	mg/7g
Aromatic C16-C21	Aromatic C16-C21	104		1.13	12.4	mg/7g
Aromatic C21-C36	Aromatic C21-C36	30.1		4.61	19.k	mg/7g
SURROGATES						
5k0-13-2	2-Bromonaphthalene (SURRE)	9.21		40 - 140	92.1%	SPK: 50
321-60-k	2-Fluorobiphenyl (SURRE)	k.6		40 - 140	k6%	SPK: 50
k4-15-1	ortho-Terphenyl (SURRE)	6.53		40 - 140	65.3%	SPK: 50