

## **Report of Analysis**

Client:	Chemtech Con	sulting Group			Date Collected:	10/10/23		
Project:	LOD-LOQ Stu	ıdy			Date Received:	10/10/23		
Client Sample ID:	PIBLK-PP060	802.D			SDG No.:	O4699		
Lab Sample ID:	802.D			Matrix:	WATER			
Analytical Method	SW8082A				% Solid:	0	Decanted	ŀ
Sample Wt/Vol:		its: mL			Final Vol:	10000	uL	••
•	1000 011						uL	
Soil Aliquot Vol:		uL			Test:	PCB		
Extraction Type:					Injection Volume :			
GPC Factor :	1.0	PH :						
Prep Method :	5030							
File ID/Qc Batch:	File ID/Qc Batch: Dilution:		Prep Date			Prep Batch ID		
PP060802.D 1					10/10/23	PP1	00923	
11000002.D	1				10/10/23	111	00725	
CAS Number	Parameter	Conc.	Qualifie	r MDL	10/10/23	LOQ / C		Units
CAS Number		Conc.	Qualifie	r MDL	10/10/25			Units
		<b>Conc.</b> 0.15	<b>Qualifie</b> U	r MDL	10/10/23	LOQ / C		Units ug/L
CAS Number TARGETS	Parameter		-		10/10/23	LOQ / C	RQL	
CAS Number TARGETS 12674-11-2	Parameter Aroclor-1016	0.15	U	0.15	10/10/23	LOQ / C	<b>RQL</b> 0.50	ug/L
CAS Number TARGETS 12674-11-2 11104-28-2	Parameter Aroclor-1016 Aroclor-1221	0.15 0.22	U U	0.15 0.22	10/10/23	LOQ / C	<b>RQL</b> 0.50 0.50	ug/L ug/L
CAS Number TARGETS 12674-11-2 11104-28-2 11141-16-5	Parameter Aroclor-1016 Aroclor-1221 Aroclor-1232	0.15 0.22 0.18	U U U	0.15 0.22 0.18	10/10/23	LOQ / C	<b>RQL</b> 0.50 0.50 0.50	ug/L ug/L ug/L
CAS Number TARGETS 12674-11-2 11104-28-2 11141-16-5 53469-21-9 12672-29-6 11097-69-1	Parameter Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242	0.15 0.22 0.18 0.18	U U U U	0.15 0.22 0.18 0.18	10/10/23	LOQ / C	RQL 0.50 0.50 0.50 0.50	ug/L ug/L ug/L ug/L
CAS Number TARGETS 12674-11-2 11104-28-2 11141-16-5 53469-21-9 12672-29-6	Parameter Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260	0.15 0.22 0.18 0.18 0.15	U U U U U	0.15 0.22 0.18 0.18 0.15		LOQ / C	RQL 0.50 0.50 0.50 0.50 0.50 0.50 0.50	ug/L ug/L ug/L ug/L ug/L
CAS Number TARGETS 12674-11-2 11104-28-2 11141-16-5 53469-21-9 12672-29-6 11097-69-1 11096-82-5 37324-23-5	ParameterAroclor-1016Aroclor-1221Aroclor-1232Aroclor-1242Aroclor-1248Aroclor-1254Aroclor-1260Aroclor-1262	0.15 0.22 0.18 0.18 0.15 0.15	U U U U U U U U U	0.15 0.22 0.18 0.18 0.15 0.15		LOQ / C	RQL 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.5	ug/L ug/L ug/L ug/L ug/L ug/L
CAS Number TARGETS 12674-11-2 11104-28-2 11141-16-5 53469-21-9 12672-29-6 11097-69-1 11096-82-5	Parameter Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260	0.15 0.22 0.18 0.18 0.15 0.15 0.16	U U U U U U U U	0.15 0.22 0.18 0.18 0.15 0.15 0.15		LOQ / C	RQL 0.50 0.50 0.50 0.50 0.50 0.50 0.50	ug/L ug/L ug/L ug/L ug/L ug/L ug/L
CAS Number TARGETS 12674-11-2 11104-28-2 11141-16-5 53469-21-9 12672-29-6 11097-69-1 11096-82-5 37324-23-5 11100-14-4 SURROGATES	ParameterAroclor-1016Aroclor-1221Aroclor-1232Aroclor-1242Aroclor-1248Aroclor-1254Aroclor-1254Aroclor-1260Aroclor-1262Aroclor-1268	0.15 0.22 0.18 0.18 0.15 0.15 0.15 0.16 0.16 0.13	U U U U U U U U U	0.15 0.22 0.18 0.15 0.15 0.16 0.16 0.13		LOQ / C	RQL 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.5	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L
CAS Number TARGETS 12674-11-2 11104-28-2 11141-16-5 53469-21-9 12672-29-6 11097-69-1 11096-82-5 37324-23-5 11100-14-4	ParameterAroclor-1016Aroclor-1221Aroclor-1232Aroclor-1242Aroclor-1248Aroclor-1254Aroclor-1260Aroclor-1262	0.15 0.22 0.18 0.18 0.15 0.15 0.16 0.16	U U U U U U U U U	0.15 0.22 0.18 0.18 0.15 0.15 0.16 0.16		LOQ / C	RQL 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.5	ug/L ug/L ug/L ug/L ug/L ug/L ug/L

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates > 25% difference for detected

concentrations between the two GC columns

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

S = Indicates estimated value where valid five-point calibration

was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit