284 Sheffield Street, Mountainside NJ 07092 Tel. 908-789-8900 Fax: 908-789-8922

DATA REPORTING QUALIFIERS- ORGANIC

For reporting results, the following " Results Qualifiers" are used:

Value	If the result is a value greater than or equal to the detection limit, report the value
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. "10 U". This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
ND	Indicates the analyte was analyzed for, but not detected
J	Indicates an estimated value**.** This flag is used: (1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) (2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3 ug/L was calculated report as 3 J. This is flag is used when similar situation arise on any organic parameter i.e. Pest, PCB and others.
B	Indicates the analyte was found in the blank as well as the sample report as "12 B".
E	Indicates the analyte 's concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
P	This flag is used for Pesticide/PCB target analyte when there is >25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on Form 1 and flagged with a "P".
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.
A	This flag indicates that a Tentatively Identified Compound is a suspected aldol-condensation product.
Q	Indicates the LCS did not meet the control limits requirements

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LAB CHRONICLE

OrderID:	P4562	**OrderDate:**	10/25/2024 12:59:00 PM
Client:	Chemtech Consulting Group	**Project:**	Weekly Storage Blanks
Contact:	QA Officer	**Location:**	K11,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P4562-06	**PEST-GPC-BLANK**	**SOIL**			**10/25/24**			**10/25/24**
			Pesticide-TCL	SFAM_PEST		10/28/24	10/29/24	
P4562-07	**PEST-GPC-BLANK-SPIKE**	**SOIL**			**10/25/24**			**10/25/24**
			Pesticide-TCL	SFAM_PEST		10/28/24	10/29/24	
P4562-08	**PCB-GPC-BLANK**	**SOIL**			**10/25/24**			**10/25/24**
			PCB	SFAM_PCB		10/28/24	10/29/24	
P4562-09	**PCB-GPC-BLANK-SPIKE**	**SOIL**			**10/25/24**			**10/25/24**
			PCB	SFAM_PCB		10/28/24	10/29/24	
P4562-11	**PEST-GPC2-BLANK**	**SOIL**			**10/25/24**			**10/25/24**
			Pesticide-TCL	SFAM_PEST		10/28/24	10/29/24	
P4562-12	**PEST-GPC2-BLANK-SPIKE**	**SOIL**			**10/25/24**			**10/25/24**
			Pesticide-TCL	SFAM_PEST		10/28/24	10/29/24	
P4562-13	**PCB-GPC2-BLANK**	**SOIL**			**10/25/24**			**10/25/24**
			PCB	SFAM_PCB		10/28/24	10/29/24	
P4562-14	**PCB-GPC2-BLANK-SPIKE**	**SOIL**			**10/25/24**			**10/25/24**
			PCB	SFAM_PCB		10/28/24	10/29/24	

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Hit Summary Sheet
SW-846

SDG No.: P4562 **Order ID:** P4562

Client: Chemtech Consulting Group **Project ID:** Weekly Storage Blanks

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID :	**PEST-GPC-BLANK-SPIKE**							
P4562-07	PEST-GPC-BLANK-S	SOIL	gamma-BHC (Lindane)	41.0		0.84	10.0	ug/kg
P4562-07	PEST-GPC-BLANK-S	SOIL	Heptachlor	40.0		1.80	10.0	ug/kg
P4562-07	PEST-GPC-BLANK-S	SOIL	Aldrin	42.0		0.78	10.0	ug/kg
P4562-07	PEST-GPC-BLANK-S	SOIL	Dieldrin	83.0		0.96	20.0	ug/kg
P4562-07	PEST-GPC-BLANK-S	SOIL	Endrin	83.0		0.84	20.0	ug/kg
P4562-07	PEST-GPC-BLANK-S	SOIL	4,4-DDT	79.0		1.30	20.0	ug/kg
			Total Concentration:	**368.000**				
Client ID :	**PEST-GPC2-BLANK-SPIKE**							
P4562-12	PEST-GPC2-BLANK-	SOIL	gamma-BHC (Lindane)	20.0		0.42	5.10	ug/kg
P4562-12	PEST-GPC2-BLANK-	SOIL	Heptachlor	19.0		0.90	5.10	ug/kg
P4562-12	PEST-GPC2-BLANK-	SOIL	Aldrin	20.0		0.39	5.10	ug/kg
P4562-12	PEST-GPC2-BLANK-	SOIL	Dieldrin	39.0		0.48	9.90	ug/kg
P4562-12	PEST-GPC2-BLANK-	SOIL	Endrin	40.0		0.42	9.90	ug/kg
P4562-12	PEST-GPC2-BLANK-	SOIL	4,4-DDT	38.0		0.66	9.90	ug/kg
			Total Concentration:	**176.000**				

QC SUMMARY

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Surrogate Summary

SDG No.: P4562

Client: Chemtech Consulting Group

Analytical Method: SFAM_PEST

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits Low	Limits High
P4562-06	PEST-GPC-BLANK	TCX	1	20	0	0	*	30	150
		DCB	1	40	0	0	*	30	150
		TCX	2	20	0	0	*	30	150
		DCB	2	40	0	0	*	30	150
P4562-07	PEST-GPC-BLANK-SPIKE	TCX	1	20	0	0	*	30	150
		DCB	1	40	0	0	*	30	150
		TCX	2	20	0	0	*	30	150
		DCB	2	40	0	0	*	30	150
P4562-11	PEST-GPC2-BLANK	TCX	1	20	0	0	*	30	150
		DCB	1	40	0	0	*	30	150
		TCX	2	20	0	0	*	30	150
		DCB	2	40	0	0	*	30	150
P4562-12	PEST-GPC2-BLANK-SPIKE	TCX	1	20	0	0	*	30	150
		DCB	1	40	0	0	*	30	150
		TCX	2	20	0	0	*	30	150
		DCB	2	40	0	0	*	30	150

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4C

PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

Lab Name: CHEMTECH Contract: CHEM02

Lab Code: CHEM Case No.: P4562 SAS No.: P4562 SDG NO.: P4562

Lab Sample ID: Lab File ID:

Matrix: (soil/water) Extraction: (Type)

Sulfur Cleanup: (Y/N) Date Extracted:

Date Analyzed (1): Date Analyzed (2):

Time Analyzed (1): Time Analyzed (2):

Instrument ID (1): Instrument ID (2):

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED 1	DATE ANALYZED 2

COMMENTS:

SAMPLE DATA

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Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	10/25/24
Project:	Weekly Storage Blanks	Date Received:	10/25/24
Client Sample ID:	PEST-GPC-BLANK	SDG No.:	P4562
Lab Sample ID:	P4562-06	Matrix:	SOIL
Analytical Method:	SFAM_PEST	% Solid:	100 Decanted:
Sample Wt/Vol:	10 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	2.0 PH :		
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD086241.D	1	10/28/24 10:46	10/29/24 11:49	PB164470

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	0.56	U	0.56	10.0	ug/kg
319-85-7	beta-BHC	0.90	U	0.90	10.0	ug/kg
319-86-8	delta-BHC	3.50	U	3.50	10.0	ug/kg
58-89-9	gamma-BHC (Lindane)	0.84	U	0.84	10.0	ug/kg
76-44-8	Heptachlor	1.80	U	1.80	10.0	ug/kg
309-00-2	Aldrin	0.78	U	0.78	10.0	ug/kg
1024-57-3	Heptachlor epoxide	0.78	U	0.78	10.0	ug/kg
959-98-8	Endosulfan I	0.78	U	0.78	10.0	ug/kg
60-57-1	Dieldrin	0.96	U	0.96	20.0	ug/kg
72-55-9	4,4-DDE	0.84	U	0.84	20.0	ug/kg
72-20-8	Endrin	0.84	U	0.84	20.0	ug/kg
33213-65-9	Endosulfan II	0.72	U	0.72	20.0	ug/kg
72-54-8	4,4-DDD	0.72	U	0.72	20.0	ug/kg
1031-07-8	Endosulfan Sulfate	1.30	U	1.30	20.0	ug/kg
50-29-3	4,4-DDT	1.30	U	1.30	20.0	ug/kg
72-43-5	Methoxychlor	1.50	U	1.50	100	ug/kg
53494-70-5	Endrin ketone	0.78	U	0.78	20.0	ug/kg
7421-93-4	Endrin Aldehyde	1.00	U	1.00	20.0	ug/kg
5103-71-9	cis-Chlordane	1.00	U	1.00	10.0	ug/kg
5103-74-2	trans-Chlordane	1.10	U	1.10	10.0	ug/kg
8001-35-2	Toxaphene	52.8	U	52.8	1000	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	0	*	30 - 150	%	SPK: 20
2051-24-3	Decachlorobiphenyl	0	*	30 - 150	%	SPK: 40

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Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	10/25/24
Project:	Weekly Storage Blanks	Date Received:	10/25/24
Client Sample ID:	PEST-GPC-BLANK	SDG No.:	P4562
Lab Sample ID:	P4562-06	Matrix:	SOIL
Analytical Method:	SFAM_PEST	% Solid:	100 Decanted:
Sample Wt/Vol:	10 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	2.0 PH :		
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD086241.D	1	10/28/24 10:46	10/29/24 11:49	PB164470

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102924\
Data File : PD086241.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Oct 2024 11:49
Operator : AR\AJ
Sample : P4562-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PEST-GPC-BLANK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 29 22:20:48 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD102524CLP.M
Quant Title : GC Extractables
QLast Update : Fri Oct 25 14:36:38 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds

Target Compounds

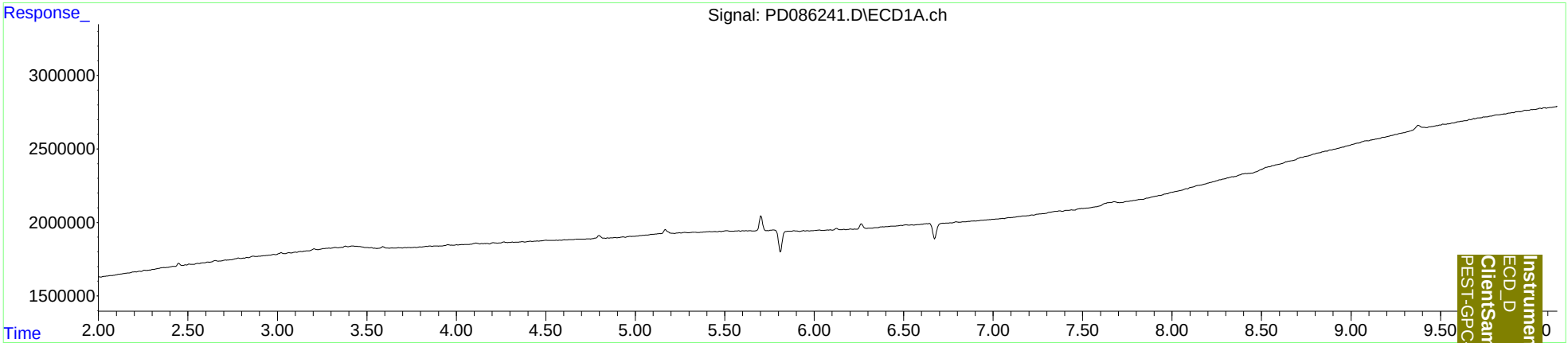
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102924\
Data File : PD086241.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Oct 2024 11:49
Operator : AR\AJ
Sample : P4562-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 29 22:20:48 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD102524CLP.M
Quant Title : GC Extractables
QLast Update : Fri Oct 25 14:36:38 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm



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Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	10/25/24
Project:	Weekly Storage Blanks	Date Received:	10/25/24
Client Sample ID:	PEST-GPC-BLANK-SPIKE	SDG No.:	P4562
Lab Sample ID:	P4562-07	Matrix:	SOIL
Analytical Method:	SFAM_PEST	% Solid:	100 Decanted:
Sample Wt/Vol:	10 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	2.0 PH :		
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD086242.D	1	10/28/24 10:46	10/29/24 12:02	PB164470

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	0.56	U	0.56	10.0	ug/kg
319-85-7	beta-BHC	0.90	U	0.90	10.0	ug/kg
319-86-8	delta-BHC	3.50	U	3.50	10.0	ug/kg
58-89-9	gamma-BHC (Lindane)	41.0		0.84	10.0	ug/kg
76-44-8	Heptachlor	40.0		1.80	10.0	ug/kg
309-00-2	Aldrin	42.0		0.78	10.0	ug/kg
1024-57-3	Heptachlor epoxide	0.78	U	0.78	10.0	ug/kg
959-98-8	Endosulfan I	0.78	U	0.78	10.0	ug/kg
60-57-1	Dieldrin	83.0		0.96	20.0	ug/kg
72-55-9	4,4-DDE	0.84	U	0.84	20.0	ug/kg
72-20-8	Endrin	83.0		0.84	20.0	ug/kg
33213-65-9	Endosulfan II	0.72	U	0.72	20.0	ug/kg
72-54-8	4,4-DDD	0.72	U	0.72	20.0	ug/kg
1031-07-8	Endosulfan Sulfate	1.30	U	1.30	20.0	ug/kg
50-29-3	4,4-DDT	79.0		1.30	20.0	ug/kg
72-43-5	Methoxychlor	1.50	U	1.50	100	ug/kg
53494-70-5	Endrin ketone	0.78	U	0.78	20.0	ug/kg
7421-93-4	Endrin Aldehyde	1.00	U	1.00	20.0	ug/kg
5103-71-9	cis-Chlordane	1.00	U	1.00	10.0	ug/kg
5103-74-2	trans-Chlordane	1.10	U	1.10	10.0	ug/kg
8001-35-2	Toxaphene	52.8	U	52.8	1000	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	0	*	30 - 150	%	SPK: 20
2051-24-3	Decachlorobiphenyl	0	*	30 - 150	%	SPK: 40

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Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	10/25/24
Project:	Weekly Storage Blanks	Date Received:	10/25/24
Client Sample ID:	PEST-GPC-BLANK-SPIKE	SDG No.:	P4562
Lab Sample ID:	P4562-07	Matrix:	SOIL
Analytical Method:	SFAM_PEST	% Solid:	100 Decanted:
Sample Wt/Vol:	10 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	2.0 PH :		
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD086242.D	1	10/28/24 10:46	10/29/24 12:02	PB164470

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102924\
Data File : PD086242.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Oct 2024 12:02
Operator : AR\AJ
Sample : P4562-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PEST-GPC-BLANK-SPIKE

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 29 22:21:24 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD102524CLP.M
Quant Title : GC Extractables
QLast Update : Fri Oct 25 14:36:38 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
	Target Compounds						
3)	MA gamma-BHC...	4.344	3.743	52606685	278.8E6	21.144	20.671
4)	MA Heptachlor	4.945	4.100	50400845	273.9E6	20.388	20.045
5)	MB Aldrin	5.287	4.387	50720312	282.3E6	20.927	20.811
13)	MA Dieldrin	6.363	5.532	95168805	513.6E6	41.723	41.628
14)	MA Endrin	6.590	5.808	80635732	463.9E6	42.899	41.283
17)	MA 4,4'-DDT	7.036	6.205	67202999	407.0E6	40.308	39.662

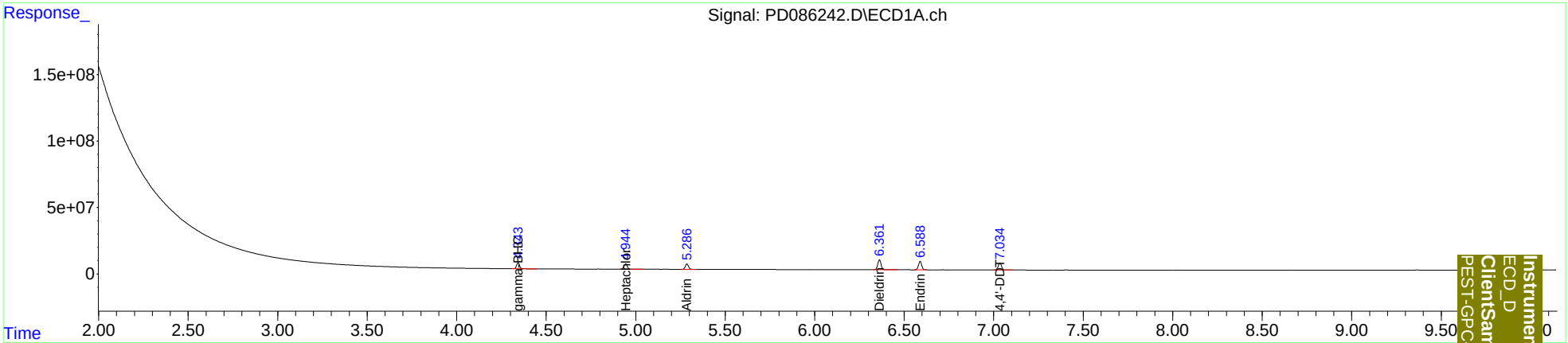
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102924\
Data File : PD086242.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Oct 2024 12:02
Operator : AR\AJ
Sample : P4562-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 29 22:21:24 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD102524CLP.M
Quant Title : GC Extractables
QLast Update : Fri Oct 25 14:36:38 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm



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Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	10/25/24
Project:	Weekly Storage Blanks	Date Received:	10/25/24
Client Sample ID:	PEST-GPC2-BLANK	SDG No.:	P4562
Lab Sample ID:	P4562-11	Matrix:	SOIL
Analytical Method:	SFAM_PEST	% Solid:	100 Decanted:
Sample Wt/Vol:	10 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	2.0 PH :		
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD086243.D	1	10/28/24 10:46	10/29/24 12:21	PB164471

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	0.28	U	0.28	5.10	ug/kg
319-85-7	beta-BHC	0.45	U	0.45	5.10	ug/kg
319-86-8	delta-BHC	1.80	U	1.80	5.10	ug/kg
58-89-9	gamma-BHC (Lindane)	0.42	U	0.42	5.10	ug/kg
76-44-8	Heptachlor	0.90	U	0.90	5.10	ug/kg
309-00-2	Aldrin	0.39	U	0.39	5.10	ug/kg
1024-57-3	Heptachlor epoxide	0.39	U	0.39	5.10	ug/kg
959-98-8	Endosulfan I	0.39	U	0.39	5.10	ug/kg
60-57-1	Dieldrin	0.48	U	0.48	9.90	ug/kg
72-55-9	4,4-DDE	0.42	U	0.42	9.90	ug/kg
72-20-8	Endrin	0.42	U	0.42	9.90	ug/kg
33213-65-9	Endosulfan II	0.36	U	0.36	9.90	ug/kg
72-54-8	4,4-DDD	0.36	U	0.36	9.90	ug/kg
1031-07-8	Endosulfan Sulfate	0.66	U	0.66	9.90	ug/kg
50-29-3	4,4-DDT	0.66	U	0.66	9.90	ug/kg
72-43-5	Methoxychlor	0.75	U	0.75	51.0	ug/kg
53494-70-5	Endrin ketone	0.39	U	0.39	9.90	ug/kg
7421-93-4	Endrin Aldehyde	0.51	U	0.51	9.90	ug/kg
5103-71-9	cis-Chlordane	0.51	U	0.51	5.10	ug/kg
5103-74-2	trans-Chlordane	0.54	U	0.54	5.10	ug/kg
8001-35-2	Toxaphene	26.4	U	26.4	510	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	0	*	30 - 150	%	SPK: 20
2051-24-3	Decachlorobiphenyl	0	*	30 - 150	%	SPK: 40

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Fax : 908 789 8922

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	10/25/24
Project:	Weekly Storage Blanks	Date Received:	10/25/24
Client Sample ID:	PEST-GPC2-BLANK	SDG No.:	P4562
Lab Sample ID:	P4562-11	Matrix:	SOIL
Analytical Method:	SFAM_PEST	% Solid:	100 Decanted:
Sample Wt/Vol:	10 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	2.0 PH :		
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD086243.D	1	10/28/24 10:46	10/29/24 12:21	PB164471

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102924\
Data File : PD086243.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Oct 2024 12:21
Operator : AR\AJ
Sample : P4562-11
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PEST-GPC2-BLANK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 29 22:21:42 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD102524CLP.M
Quant Title : GC Extractables
QLast Update : Fri Oct 25 14:36:38 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds

Target Compounds

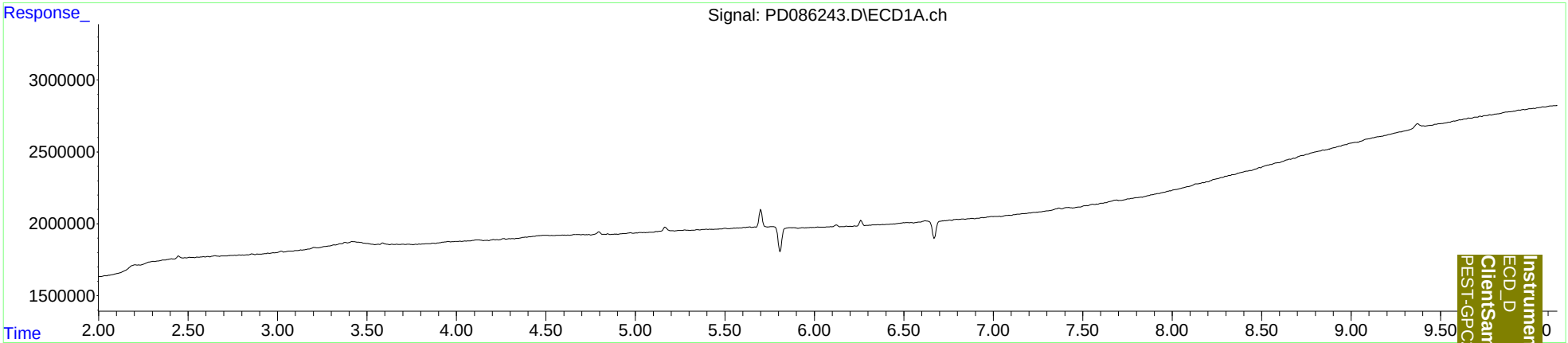
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

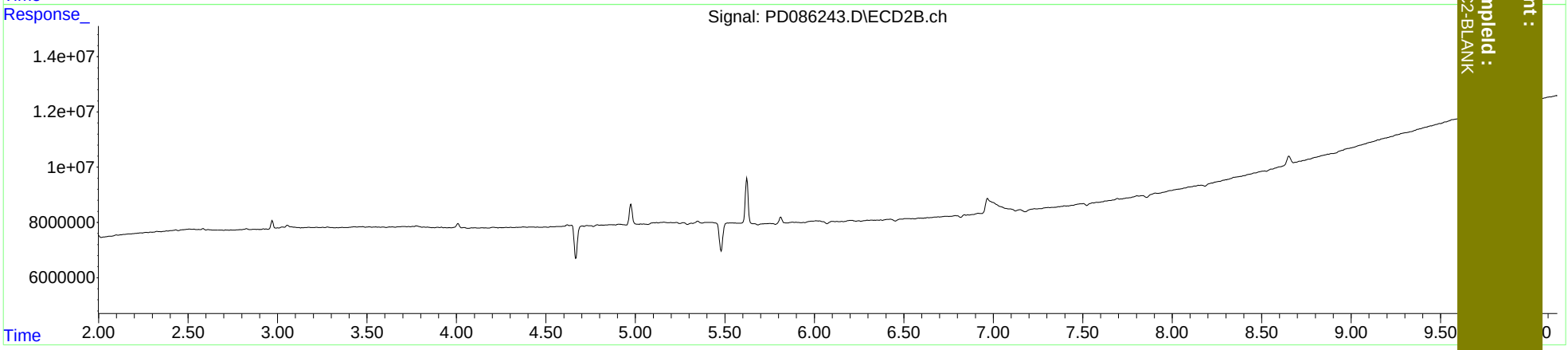
Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102924\
Data File : PD086243.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Oct 2024 12:21
Operator : AR\AJ
Sample : P4562-11
Misc :
ALS Vial : 6 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 29 22:21:42 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD102524CLP.M
Quant Title : GC Extractables
QLast Update : Fri Oct 25 14:36:38 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





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Fax : 908 789 8922

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	10/25/24
Project:	Weekly Storage Blanks	Date Received:	10/25/24
Client Sample ID:	PEST-GPC2-BLANK-SPIKE	SDG No.:	P4562
Lab Sample ID:	P4562-12	Matrix:	SOIL
Analytical Method:	SFAM_PEST	% Solid:	100 Decanted:
Sample Wt/Vol:	10 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	2.0 PH :		
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD086244.D	1	10/28/24 10:46	10/29/24 12:34	PB164471

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	0.28	U	0.28	5.10	ug/kg
319-85-7	beta-BHC	0.45	U	0.45	5.10	ug/kg
319-86-8	delta-BHC	1.80	U	1.80	5.10	ug/kg
58-89-9	gamma-BHC (Lindane)	20.0		0.42	5.10	ug/kg
76-44-8	Heptachlor	19.0		0.90	5.10	ug/kg
309-00-2	Aldrin	20.0		0.39	5.10	ug/kg
1024-57-3	Heptachlor epoxide	0.39	U	0.39	5.10	ug/kg
959-98-8	Endosulfan I	0.39	U	0.39	5.10	ug/kg
60-57-1	Dieldrin	39.0		0.48	9.90	ug/kg
72-55-9	4,4-DDE	0.42	U	0.42	9.90	ug/kg
72-20-8	Endrin	40.0		0.42	9.90	ug/kg
33213-65-9	Endosulfan II	0.36	U	0.36	9.90	ug/kg
72-54-8	4,4-DDD	0.36	U	0.36	9.90	ug/kg
1031-07-8	Endosulfan Sulfate	0.66	U	0.66	9.90	ug/kg
50-29-3	4,4-DDT	38.0		0.66	9.90	ug/kg
72-43-5	Methoxychlor	0.75	U	0.75	51.0	ug/kg
53494-70-5	Endrin ketone	0.39	U	0.39	9.90	ug/kg
7421-93-4	Endrin Aldehyde	0.51	U	0.51	9.90	ug/kg
5103-71-9	cis-Chlordane	0.51	U	0.51	5.10	ug/kg
5103-74-2	trans-Chlordane	0.54	U	0.54	5.10	ug/kg
8001-35-2	Toxaphene	26.4	U	26.4	510	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	0	*	30 - 150	%	SPK: 20
2051-24-3	Decachlorobiphenyl	0	*	30 - 150	%	SPK: 40

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Fax : 908 789 8922

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	10/25/24
Project:	Weekly Storage Blanks	Date Received:	10/25/24
Client Sample ID:	PEST-GPC2-BLANK-SPIKE	SDG No.:	P4562
Lab Sample ID:	P4562-12	Matrix:	SOIL
Analytical Method:	SFAM_PEST	% Solid:	100 Decanted:
Sample Wt/Vol:	10 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	2.0 PH :		
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD086244.D	1	10/28/24 10:46	10/29/24 12:34	PB164471

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102924\
Data File : PD086244.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Oct 2024 12:34
Operator : AR\AJ
Sample : P4562-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PEST-GPC2-BLANK-SPIKE

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 29 22:22:16 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD102524CLP.M
Quant Title : GC Extractables
QLast Update : Fri Oct 25 14:36:38 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
	Target Compounds						
3) MA	gamma-BHC...	4.341	3.743	49533691	272.6E6	19.909m	20.214
4) MA	Heptachlor	4.944	4.100	47927142	269.5E6	19.387	19.727
5) MB	Aldrin	5.286	4.387	47887416	274.2E6	19.758	20.210
13) MA	Dieldrin	6.361	5.532	89744761	495.1E6	39.345	40.127
14) MA	Endrin	6.588	5.807	75921021	460.6E6	40.391	40.988
17) MA	4,4'-DDT	7.035	6.204	63853463	392.9E6	38.299	38.287

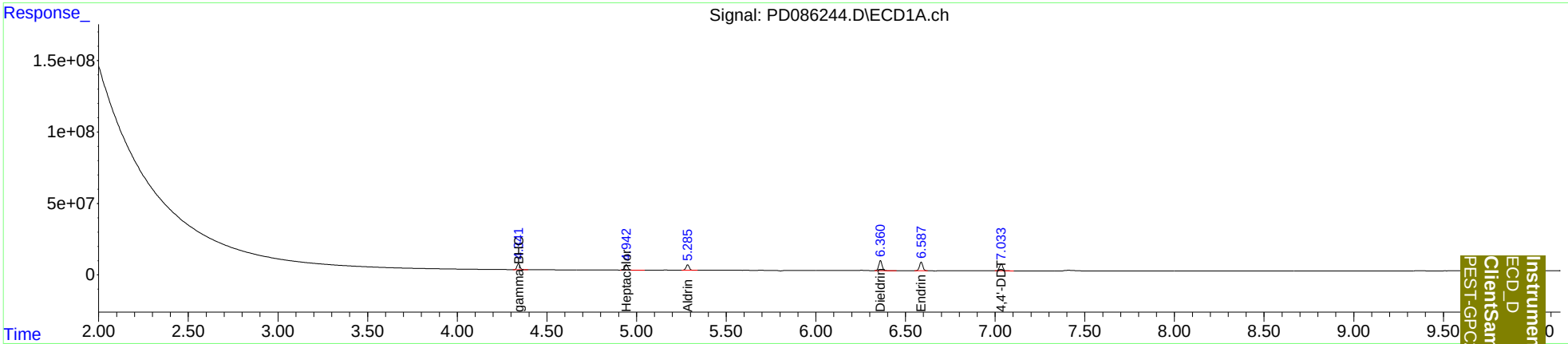
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102924\
Data File : PD086244.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Oct 2024 12:34
Operator : AR\AJ
Sample : P4562-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 29 22:22:16 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD102524CLP.M
Quant Title : GC Extractables
QLast Update : Fri Oct 25 14:36:38 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

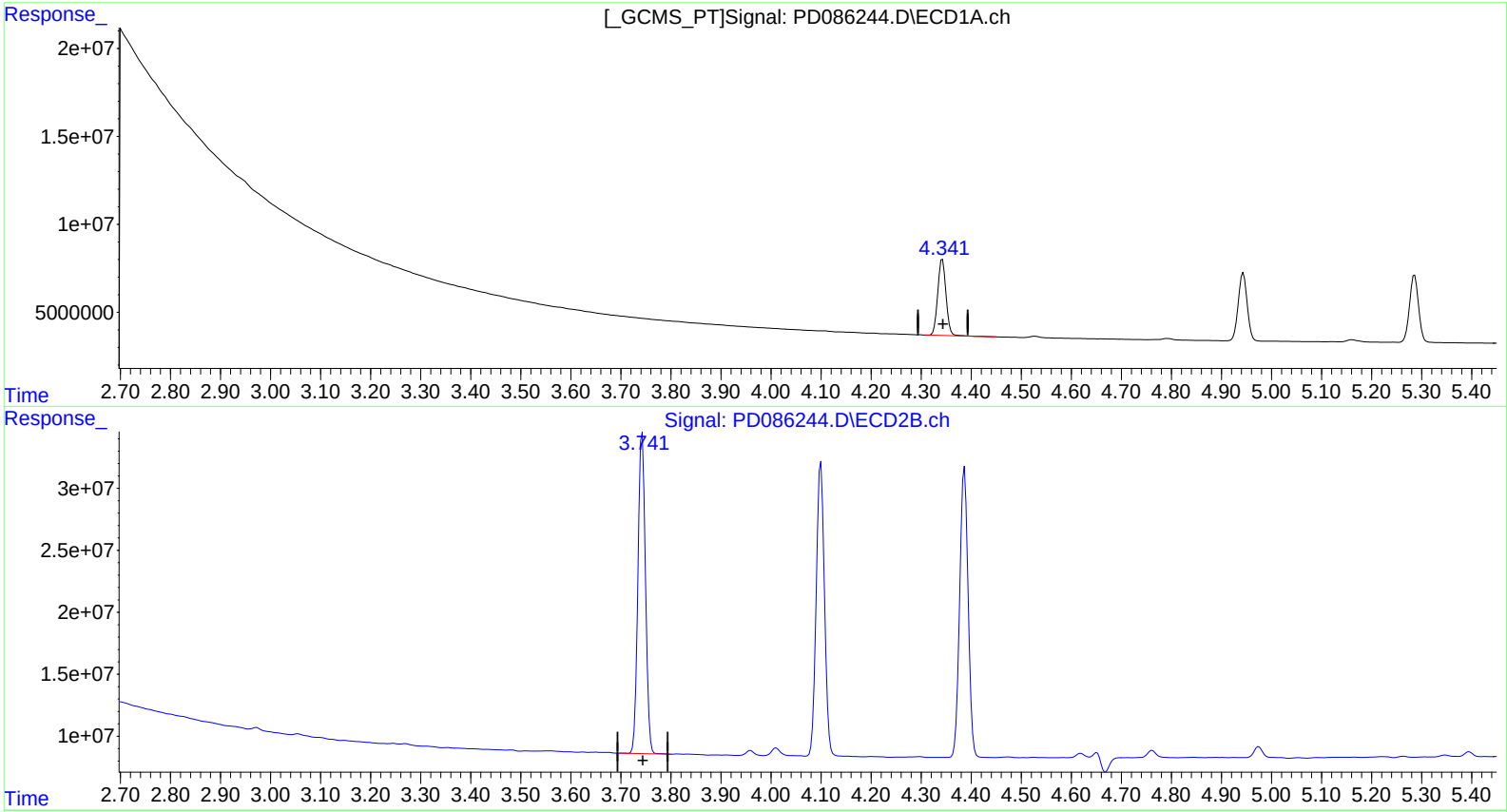


Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102924\
Data File : PD086244.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On   : 29 Oct 2024 12:34
Operator : AR\AJ
Sample   : P4562-12
Misc   :
ALS Vial : 7   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 29 22:22:16 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD102524CLP.M
Quant Title : GC Extractables
QLast Update : Fri Oct 25 14:36:38 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj.   : 1 µl
Signal #1 Phase : ZB-MR1   Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm



QEdit

(3) gamma-BHC (Lindane) (MA)

4.343min 19.991 ng/ml

response 49737176

(3) gamma-BHC (Lindane) #2 (MA)

3.743min 20.214 ng/ml

response 272645614

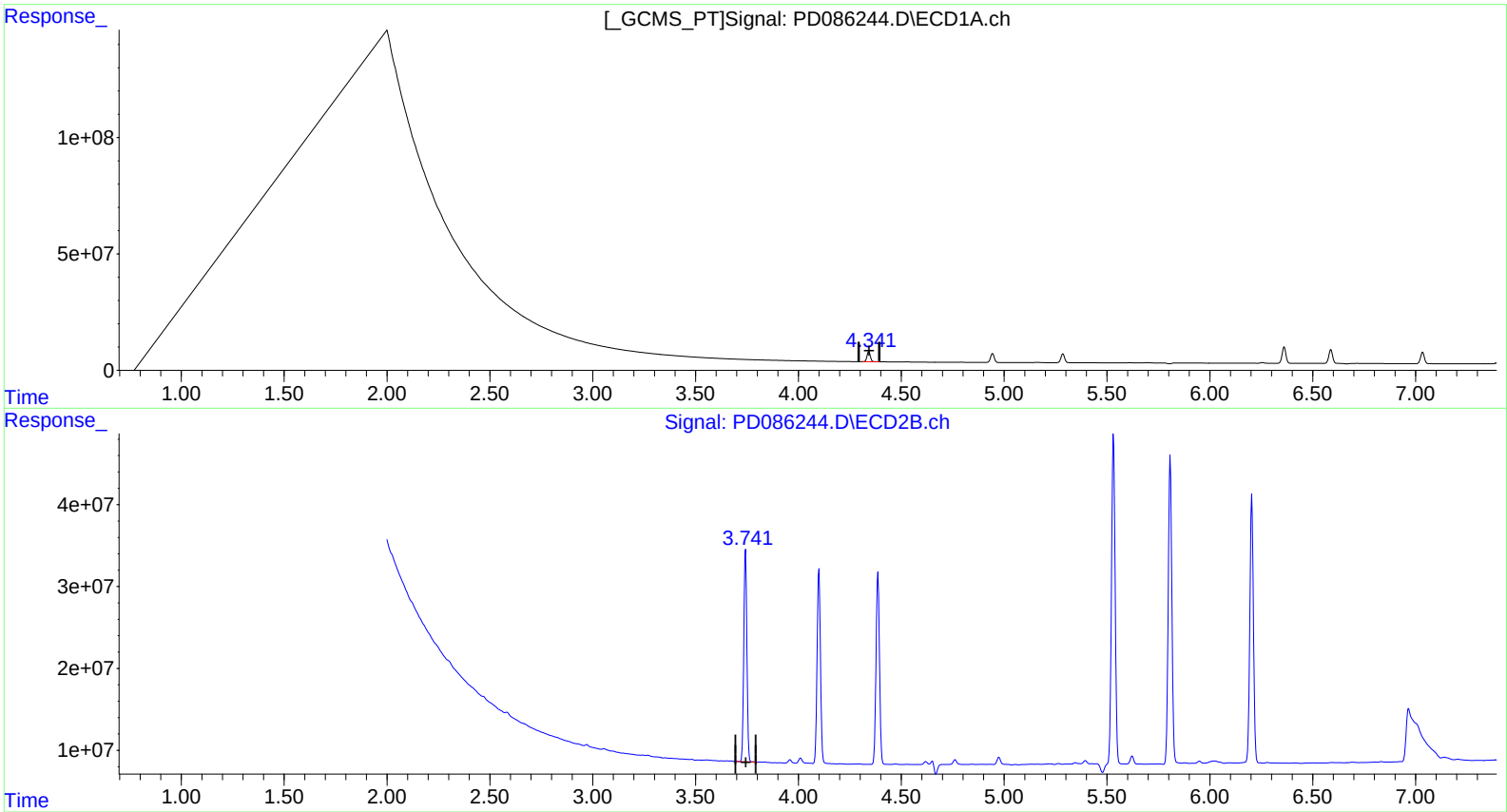
(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102924\
Data File : PD086244.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On   : 29 Oct 2024 12:34
Operator : AR\AJ
Sample   : P4562-12
Misc   :
ALS Vial : 7   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 29 22:22:16 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD102524CLP.M
Quant Title : GC Extractables
QLast Update : Fri Oct 25 14:36:38 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj.   : 1 µl
Signal #1 Phase : ZB-MR1   Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm



QEdit

(3) gamma-BHC (Lindane) (MA)

4.341min 19.909 ng/ml m

response 49533691

(3) gamma-BHC (Lindane) #2 (MA)

3.743min 20.214 ng/ml

response 272645614

(+) = Expected Retention Time

CALIBRATION SUMMARY

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

Analytical Sequence

Client: Chemtech Consulting Group **SDG No.:** P4562

Project: Weekly Storage Blanks **Instrument ID:** ECD_D

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 10/25/2024 10/25/2024

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
PEST-GPC-BLANK	P4562-06	10/29/2024	11:49	PD086241.D	0.00	0.00
PEST-GPC-BLANK-SPIKE	P4562-07	10/29/2024	12:02	PD086242.D	0.00	0.00
PEST-GPC2-BLANK	P4562-11	10/29/2024	12:21	PD086243.D	0.00	0.00
PEST-GPC2-BLANK-SPIKE	P4562-12	10/29/2024	12:34	PD086244.D	0.00	0.00

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Fax : 908 789 8922

Analytical Sequence

Client: Chemtech Consulting Group **SDG No.:** P4562

Project: Weekly Storage Blanks **Instrument ID:** ECD_D

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 10/25/2024 10/25/2024

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
PEST-GPC-BLANK	P4562-06	10/29/2024	11:49	PD086241.D	0.00	0.00
PEST-GPC-BLANK-SPIKE	P4562-07	10/29/2024	12:02	PD086242.D	0.00	0.00
PEST-GPC2-BLANK	P4562-11	10/29/2024	12:21	PD086243.D	0.00	0.00
PEST-GPC2-BLANK-SPIKE	P4562-12	10/29/2024	12:34	PD086244.D	0.00	0.00

QC SAMPLE DATA

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Manual Integration Report

Sequence:	PD102524	Instrument	ECD_d

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
INDB101	PD086207.D	cis-Chlordane	Abdul	10/28/2024 9:25:09 AM	Ankita	10/28/2024 10:43:18	Peak Integrated by Software
INDB101	PD086207.D	Decachlorobiphenyl	Abdul	10/28/2024 9:25:09 AM	Ankita	10/28/2024 10:43:18	Peak Integrated by Software
INDB101	PD086207.D	delta-BHC	Abdul	10/28/2024 9:25:09 AM	Ankita	10/28/2024 10:43:18	Peak Integrated by Software
INDB101	PD086207.D	Endosulfan Sulfate	Abdul	10/28/2024 9:25:09 AM	Ankita	10/28/2024 10:43:18	Peak Integrated by Software
INDB101	PD086207.D	Endrin ketone	Abdul	10/28/2024 9:25:09 AM	Ankita	10/28/2024 10:43:18	Peak Integrated by Software
INDB101	PD086207.D	Tetrachloro-m-xylene	Abdul	10/28/2024 9:25:09 AM	Ankita	10/28/2024 10:43:18	Peak Integrated by Software
PEM033	PD086217.D	4,4"-DDD	Abdul	10/28/2024 9:25:21 AM	Ankita	10/28/2024 10:43:20	Peak Integrated by Software
PEM033	PD086217.D	Endrin	Abdul	10/28/2024 9:25:21 AM	Ankita	10/28/2024 10:43:20	Peak Integrated by Software
PEM033	PD086217.D	Methoxychlor	Abdul	10/28/2024 9:25:21 AM	Ankita	10/28/2024 10:43:20	Peak Integrated by Software

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Manual Integration Report

Sequence:	PD102924	Instrument	ECD_d

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PEM036	PD086240.D	4,4"-DDD	Abdul	10/31/2024 11:10:43 AM			Peak Integrated by Software
PEM036	PD086240.D	4,4"-DDE	Abdul	10/31/2024 11:10:43 AM			Peak Integrated by Software
PEM036	PD086240.D	4,4"-DDE #2	Abdul	10/31/2024 11:10:43 AM			Peak Integrated by Software
P4562-12	PD086244.D	gamma-BHC (Lindane)	Abdul	10/31/2024 11:10:47 AM			Peak Integrated by Software
INDB306	PD086247.D	cis-Chlordane #2	Abdul	10/31/2024 11:10:51 AM			Peak Integrated by Software
INDB306	PD086247.D	Heptachlor epoxide	Abdul	10/31/2024 11:10:51 AM			Peak Integrated by Software
INDB306	PD086247.D	Heptachlor epoxide #2	Abdul	10/31/2024 11:10:51 AM			Peak Integrated by Software
INDB306	PD086247.D	trans-Chlordane #2	Abdul	10/31/2024 11:10:51 AM			Peak Integrated by Software
PEM037	PD086253.D	4,4"-DDD	Abdul	11/1/2024 4:21:03 PM			Peak Integrated by Software
PEM037	PD086253.D	4,4"-DDT #2	Abdul	11/1/2024 4:21:03 PM			Peak Integrated by Software
PEM037	PD086253.D	Endrin ketone	Abdul	11/1/2024 4:21:03 PM			Peak Integrated by Software
PEM037	PD086253.D	Endrin ketone #2	Abdul	11/1/2024 4:21:03 PM			Peak Integrated by Software

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Manual Integration Report

Sequence:	PD102924	Instrument	ECD_d

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason

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

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QCBatch ID # PD102524

Review By	Abdul	Review On	10/28/2024 9:25:51 AM		
Supervise By	Ankita	Supervise On	10/28/2024 10:43:25 AM		
SubDirectory	PD102524	HP Acquire Method		HP Processing Method	pd102524clp

STD. NAME	STD REF.#
Tune/Reschk	PP23732,PP23622
Initial Calibration Stds	PP23731,PP23730,PP23729,PP23728,PP23727,PP23718,PP23724,PP23717,PP23723,PP23716,PP23722,PP23715,PP23721,PP23714,PP23720
CCC	PP23716,PP23722,PP23729
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PD086198.D	25 Oct 2024 02:36	AR\AJ	Ok
2	RESC051	PD086199.D	25 Oct 2024 10:23	AR\AJ	Ok
3	PEM032	PD086200.D	25 Oct 2024 10:36	AR\AJ	Ok
4	TOXAPH101	PD086201.D	25 Oct 2024 10:49	AR\AJ	Ok
5	TOXAPH201	PD086202.D	25 Oct 2024 11:02	AR\AJ	Ok
6	TOXAPH301	PD086203.D	25 Oct 2024 11:16	AR\AJ	Ok
7	TOXAPH401	PD086204.D	25 Oct 2024 11:29	AR\AJ	Ok
8	TOXAPH501	PD086205.D	25 Oct 2024 11:42	AR\AJ	Ok
9	INDA101	PD086206.D	25 Oct 2024 11:55	AR\AJ	Ok
10	INDB101	PD086207.D	25 Oct 2024 12:09	AR\AJ	Ok,M
11	INDA201	PD086208.D	25 Oct 2024 12:22	AR\AJ	Ok
12	INDB201	PD086209.D	25 Oct 2024 12:35	AR\AJ	Ok
13	INDA301	PD086210.D	25 Oct 2024 12:48	AR\AJ	Ok
14	INDB301	PD086211.D	25 Oct 2024 13:02	AR\AJ	Ok
15	INDA401	PD086212.D	25 Oct 2024 13:15	AR\AJ	Ok
16	INDB401	PD086213.D	25 Oct 2024 13:28	AR\AJ	Ok
17	INDA501	PD086214.D	25 Oct 2024 13:41	AR\AJ	Ok
18	INDB501	PD086215.D	25 Oct 2024 13:55	AR\AJ	Ok
19	PIBLK194	PD086216.D	25 Oct 2024 14:08	AR\AJ	Ok
20	PEM033	PD086217.D	25 Oct 2024 14:55	AR\AJ	Ok,M

M : Manual Integration

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

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QCBatch ID # PD102924

Review By	Abdul	Review On	10/31/2024 11:11:16 AM		
Supervise By		Supervise On			
SubDirectory	PD102924	HP Acquire Method		HP Processing Method	pd102524clp

STD. NAME	STD REF.#
Tune/Reschk	PP23732,PP23622
Initial Calibration Stds	PP23731,PP23730,PP23729,PP23728,PP23727,PP23718,PP23724,PP23717,PP23723,PP23716,PP23722,PP23715,PP23721,PP23714,PP23720
CCC	PP23716,PP23722,PP23729
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PD086238.D	29 Oct 2024 10:09	AR\AJ	Ok
2	PIBLK198	PD086239.D	29 Oct 2024 10:22	AR\AJ	Ok
3	PEM036	PD086240.D	29 Oct 2024 11:10	AR\AJ	Ok,NS
4	P4562-06	PD086241.D	29 Oct 2024 11:49	AR\AJ	Ok
5	P4562-07	PD086242.D	29 Oct 2024 12:02	AR\AJ	Ok
6	P4562-11	PD086243.D	29 Oct 2024 12:21	AR\AJ	Ok
7	P4562-12	PD086244.D	29 Oct 2024 12:34	AR\AJ	Ok,NS
8	PIBLK199	PD086245.D	29 Oct 2024 13:19	AR\AJ	Ok
9	INDA306	PD086246.D	29 Oct 2024 13:33	AR\AJ	Ok
10	INDB306	PD086247.D	29 Oct 2024 13:47	AR\AJ	Ok,NS
11	PB164505BL	PD086248.D	29 Oct 2024 17:17	AR\AJ	Ok
12	PB164505BS	PD086249.D	29 Oct 2024 17:31	AR\AJ	Ok,NS
13	P4583-01	PD086250.D	29 Oct 2024 17:45	AR\AJ	Ok
14	P4583-02	PD086251.D	29 Oct 2024 17:59	AR\AJ	Ok
15	PIBLK200	PD086252.D	29 Oct 2024 18:13	AR\AJ	Ok
16	PEM037	PD086253.D	29 Oct 2024 18:27	AR\AJ	Ok,NS

M : Manual Integration

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

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QCBatch ID # PD102524

Review By	Abdul	Review On	10/28/2024 9:25:51 AM		
Supervise By	Ankita	Supervise On	10/28/2024 10:43:25 AM		
SubDirectory	PD102524	HP Acquire Method		HP Processing Method	pd102524clp

STD. NAME	STD REF.#
Tune/Reschk	PP23732,PP23622
Initial Calibration Stds	PP23731,PP23730,PP23729,PP23728,PP23727,PP23718,PP23724,PP23717,PP23723,PP23716,PP23722,PP23715,PP23721,PP23714,PP23720
CCC	PP23716,PP23722,PP23729
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PD086198.D	25 Oct 2024 02:36		AR\AJ	Ok
2	RESC051	RESC006	PD086199.D	25 Oct 2024 10:23		AR\AJ	Ok
3	PEM032	PEM169	PD086200.D	25 Oct 2024 10:36		AR\AJ	Ok
4	TOXAPH101	TOXAPH1075	PD086201.D	25 Oct 2024 10:49		AR\AJ	Ok
5	TOXAPH201	TOXAPH2076	PD086202.D	25 Oct 2024 11:02		AR\AJ	Ok
6	TOXAPH301	TOXAPH3077	PD086203.D	25 Oct 2024 11:16		AR\AJ	Ok
7	TOXAPH401	TOXAPH4078	PD086204.D	25 Oct 2024 11:29		AR\AJ	Ok
8	TOXAPH501	TOXAPH5079	PD086205.D	25 Oct 2024 11:42		AR\AJ	Ok
9	INDA101	INDA1080	PD086206.D	25 Oct 2024 11:55		AR\AJ	Ok
10	INDB101	INDB1081	PD086207.D	25 Oct 2024 12:09		AR\AJ	Ok,M
11	INDA201	INDA2082	PD086208.D	25 Oct 2024 12:22		AR\AJ	Ok
12	INDB201	INDB2083	PD086209.D	25 Oct 2024 12:35		AR\AJ	Ok
13	INDA301	INDA3084	PD086210.D	25 Oct 2024 12:48		AR\AJ	Ok
14	INDB301	INDB3085	PD086211.D	25 Oct 2024 13:02		AR\AJ	Ok
15	INDA401	INDA4086	PD086212.D	25 Oct 2024 13:15		AR\AJ	Ok
16	INDB401	INDB4087	PD086213.D	25 Oct 2024 13:28		AR\AJ	Ok
17	INDA501	INDA5088	PD086214.D	25 Oct 2024 13:41		AR\AJ	Ok
18	INDB501	INDB5089	PD086215.D	25 Oct 2024 13:55		AR\AJ	Ok

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

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QCBatch ID # PD102524

Review By	Abdul	Review On	10/28/2024 9:25:51 AM		
Supervise By	Ankita	Supervise On	10/28/2024 10:43:25 AM		
SubDirectory	PD102524	HP Acquire Method		HP Processing Method	pd102524clp

STD. NAME	STD REF.#
Tune/Reschk	PP23732,PP23622
Initial Calibration Stds	PP23731,PP23730,PP23729,PP23728,PP23727,PP23718,PP23724,PP23717,PP23723,PP23716,PP23722,PP23715,PP23721,PP23714,PP23720
CCC	PP23716,PP23722,PP23729
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	PIBLK194	PIBLK357	PD086216.D	25 Oct 2024 14:08		AR\AJ	Ok
20	PEM033	PEM170	PD086217.D	25 Oct 2024 14:55		AR\AJ	Ok,M

M : Manual Integration

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

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QCBatch ID # PD102924

Review By	Abdul	Review On	10/31/2024 11:11:16 AM		
Supervise By		Supervise On			
SubDirectory	PD102924	HP Acquire Method		HP Processing Method	pd102524clp

STD. NAME	STD REF.#
Tune/Reschk	PP23732,PP23622
Initial Calibration Stds	PP23731,PP23730,PP23729,PP23728,PP23727,PP23718,PP23724,PP23717,PP23723,PP23716,PP23722,PP23715,PP23721,PP23714,PP23720
CCC	PP23716,PP23722,PP23729
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PD086238.D	29 Oct 2024 10:09		AR\AJ	Ok
2	PIBLK198	PIBLK361	PD086239.D	29 Oct 2024 10:22		AR\AJ	Ok
3	PEM036	PEM173	PD086240.D	29 Oct 2024 11:10		AR\AJ	Ok,NS
4	P4562-06	PEST-GPC-BLANK	PD086241.D	29 Oct 2024 11:49		AR\AJ	Ok
5	P4562-07	PEST-GPC-BLANK-SP	PD086242.D	29 Oct 2024 12:02		AR\AJ	Ok
6	P4562-11	PEST-GPC2-BLANK	PD086243.D	29 Oct 2024 12:21		AR\AJ	Ok
7	P4562-12	PEST-GPC2-BLANK-S	PD086244.D	29 Oct 2024 12:34		AR\AJ	Ok,NS
8	PIBLK199	PIBLK362	PD086245.D	29 Oct 2024 13:19		AR\AJ	Ok
9	INDA306	INDA3117	PD086246.D	29 Oct 2024 13:33		AR\AJ	Ok
10	INDB306	INDB3118	PD086247.D	29 Oct 2024 13:47		AR\AJ	Ok,NS
11	PB164505BL	PBLK505	PD086248.D	29 Oct 2024 17:17		AR\AJ	Ok
12	PB164505BS	PLCS505	PD086249.D	29 Oct 2024 17:31		AR\AJ	Ok,NS
13	P4583-01	C0PI5	PD086250.D	29 Oct 2024 17:45		AR\AJ	Ok
14	P4583-02	C0PI1	PD086251.D	29 Oct 2024 17:59		AR\AJ	Ok
15	PIBLK200	PIBLK363	PD086252.D	29 Oct 2024 18:13		AR\AJ	Ok
16	PEM037	PEM174	PD086253.D	29 Oct 2024 18:27		AR\AJ	Ok,NS

M : Manual Integration

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 10/28/2024

OVENTEMP IN Celsius(°C): 107
Time IN: 18:15
In Date: 10/25/2024
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:38
Out Date: 10/26/2024
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC: LB133131

Lab ID	Client SampleID	Dish #	Dish Wt(g) (A)	Sample Wt(g)	Dish + Sample Wt(g) (B)	Dish+Dry Sample Wt(g) (C)	% Solid	Comments
P4561-01	BP-F-19	1	1.16	8.48	9.64	8.73	89.3	
P4561-02	BP-F-19-EPH	2	1.16	8.50	9.66	8.77	89.5	
P4561-03	BP-F-19-VOC	3	1.15	8.80	9.95	9.16	91.0	
P4561-05	BP-F-18	4	1.15	8.40	9.55	8.36	85.8	
P4561-06	BP-F-18-EPH	5	1.13	8.44	9.57	8.29	84.8	
P4561-07	BP-F-18-VOC	6	1.12	8.71	9.83	8.52	85.0	
P4562-05	SVOC-GPC-BLANK	7	1.00	1.00	2.00	2.00	100.0	
P4562-06	PEST-GPC-BLANK	8	1.00	1.00	2.00	2.00	100.0	
P4562-07	PEST-GPC-BLANK-SPIKE	9	1.00	1.00	2.00	2.00	100.0	
P4562-08	PCB-GPC-BLANK	10	1.00	1.00	2.00	2.00	100.0	
P4562-09	PCB-GPC-BLANK-SPIKE	11	1.00	1.00	2.00	2.00	100.0	
P4562-10	SVOC-GPC2-BLANK	12	1.00	1.00	2.00	2.00	100.0	
P4562-11	PEST-GPC2-BLANK	13	1.00	1.00	2.00	2.00	100.0	
P4562-12	PEST-GPC2-BLANK-SPIKE	14	1.00	1.00	2.00	2.00	100.0	
P4562-13	PCB-GPC2-BLANK	15	1.00	1.00	2.00	2.00	100.0	
P4562-14	PCB-GPC2-BLANK-SPIKE	16	1.00	1.00	2.00	2.00	100.0	
P4563-01	100724-A	26	1.00	1.00	2.00	2.00	100.0	wipe sample
P4563-02	100724-B	27	1.00	1.00	2.00	2.00	100.0	wipe sample
P4563-03	100724-C	28	1.00	1.00	2.00	2.00	100.0	wipe sample
P4563-04	100724-D	29	1.00	1.00	2.00	2.00	100.0	wipe sample
P4563-05	100824-A	30	1.00	1.00	2.00	2.00	100.0	wipe sample
P4563-06	100924-A	31	1.00	1.00	2.00	2.00	100.0	wipe sample
P4563-07	100924-B	32	1.00	1.00	2.00	2.00	100.0	wipe sample
P4563-08	101424-A	33	1.00	1.00	2.00	2.00	100.0	wipe sample
P4563-09	102324-A	34	1.00	1.00	2.00	2.00	100.0	wipe sample
P4563-10	102524-A	35	1.00	1.00	2.00	2.00	100.0	wipe sample
P4563-11	FITTING-1	36	1.00	1.00	2.00	2.00	100.0	wipe sample
P4563-12	FITTING-2	37	1.00	1.00	2.00	2.00	100.0	wipe sample

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 10/28/2024

OVENTEMP IN Celsius(°C): 107
Time IN: 18:15
In Date: 10/25/2024
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:38
Out Date: 10/26/2024
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC: LB133131

Lab ID	Client SampleID	Dish #	Dish Wt(g) (A)	Sample Wt(g)	Dish + Sample Wt(g) (B)	Dish+Dry Sample Wt(g) (C)	% Solid	Comments
P4565-01	2054	38	1.00	1.00	2.00	2.00	100.0	wipe sample
P4565-02	2055	39	1.00	1.00	2.00	2.00	100.0	wipe sample
P4565-03	2056	40	1.00	1.00	2.00	2.00	100.0	wipe sample
P4565-04	2057	41	1.00	1.00	2.00	2.00	100.0	wipe sample
P4565-05	2058	42	1.00	1.00	2.00	2.00	100.0	wipe sample
P4565-06	2059	43	1.00	1.00	2.00	2.00	100.0	wipe sample
P4566-01	HD-01-102524	44	1.14	8.57	9.71	9.47	97.2	
P4566-02	HD-01-102524-E2	45	1.13	8.84	9.97	9.42	93.8	
P4567-01	WC-1	17	1.16	8.50	9.66	8.89	90.9	
P4567-02	WC-1-EPH	18	1.13	8.67	9.8	8.99	90.7	
P4567-03	WC-1-VOC	19	1.18	8.35	9.53	9.05	94.3	
P4567-05	WC-2	20	1.11	8.58	9.69	8.99	91.8	
P4567-06	WC-2-EPH	21	1.18	8.79	9.97	9.12	90.3	
P4567-07	WC-2-VOC	22	1.16	8.46	9.62	9.46	98.1	
P4567-09	WC-3	23	1.17	8.41	9.58	8.69	89.4	
P4567-10	WC-3-EPH	24	1.19	8.78	9.97	9.17	90.9	
P4567-11	WC-3-VOC	25	1.14	8.82	9.96	9.19	91.3	
P4574-01	GRAVEL-1	50	1.00	1.00	2.00	2.00	100.0	stone sample, 100 % solids
P4574-02	GRAVEL-1-E2	51	1.00	1.00	2.00	2.00	100.0	stone sample, 100 % solids
P4574-04	GRAVEL-2	52	1.00	1.00	2.00	2.00	100.0	stone sample, 100 % solids
P4574-05	GRAVEL-2-E2	53	1.00	1.00	2.00	2.00	100.0	stone sample, 100 % solids
P4574-07	CONCRETE-1	54	1.00	1.00	2.00	2.00	100.0	CONCRETE sample
P4574-09	CONCRETE-2	55	1.00	1.00	2.00	2.00	100.0	CONCRETE sample
P4574-11	CONCRETE-3	56	1.00	1.00	2.00	2.00	100.0	CONCRETE sample
P4575-01	PL-02-102424	57	1.15	8.42	9.57	8.84	91.3	
P4575-02	PL-02-102424-E2	58	1.15	8.83	9.98	8.99	88.8	
P4576-01	1097	59	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
P4576-02	1098	60	1.00	1.00	2.00	2.00	100.0	WIPE Sample

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 10/28/2024

OVENTEMP IN Celsius(°C): 107
Time IN: 18:15
In Date: 10/25/2024
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:38
Out Date: 10/26/2024
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC: LB133131

Lab ID	Client SampleID	Dish #	Dish Wt(g) (A)	Sample Wt(g)	Dish + Sample Wt(g) (B)	Dish+Dry Sample Wt(g) (C)	% Solid	Comments
P4577-01	TR-05-102524	61	1.18	8.40	9.58	9.03	93.5	
P4577-02	TR-05-102524-E2	62	1.17	8.53	9.7	9.03	92.1	
P4578-03	WB-305-TOP	46	1.15	8.81	9.96	5.89	53.8	
P4578-04	WB-305-TOP-1	47	1.12	8.82	9.94	6.3	58.7	
P4578-05	WB-305-BOT	48	1.15	8.81	9.96	8.38	82.1	
P4578-07	WB-305-BOT-1	49	1.13	8.86	9.99	9.49	94.4	

$$\% \text{ Solid} = \frac{(C-A) * 100}{(B-A)}$$

WORKLIST(Hardcopy Internal Chain)

VD 133131

WorkList Name : %1-102524 **WorkList ID :** 184773 **Department :** Wet-Chemistry **Date :** 10-25-2024 09:56:39

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P4561-01	BP-F-19	Solid	Percent Solids	Cool 4 deg C	PSEG03	K63	10/25/2024	Chemtech -SO
P4561-02	BP-F-19-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	K63	10/25/2024	Chemtech -SO
P4561-03	BP-F-19-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	K63	10/25/2024	Chemtech -SO
P4561-05	BP-F-18	Solid	Percent Solids	Cool 4 deg C	PSEG03	K63	10/25/2024	Chemtech -SO
P4561-06	BP-F-18-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	K63	10/25/2024	Chemtech -SO
P4561-07	BP-F-18-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	K63	10/25/2024	Chemtech -SO
P4562-05	SVOC-GPC-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	K11	10/25/2024	Chemtech -SO
P4562-06	PEST-GPC-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	K11	10/25/2024	Chemtech -SO
P4562-07	PEST-GPC-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	K11	10/25/2024	Chemtech -SO
P4562-08	PCB-GPC-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	K11	10/25/2024	Chemtech -SO
P4562-09	PCB-GPC-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	K11	10/25/2024	Chemtech -SO
P4562-10	SVOC-GPC2-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	K11	10/25/2024	Chemtech -SO
P4562-11	PEST-GPC2-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	K11	10/25/2024	Chemtech -SO
P4562-12	PEST-GPC2-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	K11	10/25/2024	Chemtech -SO
P4562-13	PCB-GPC2-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	K11	10/25/2024	Chemtech -SO
P4562-14	PCB-GPC2-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	K11	10/25/2024	Chemtech -SO
P4563-01	100724-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	K63	10/25/2024	Chemtech -SO
P4563-02	100724-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	K63	10/25/2024	Chemtech -SO
P4563-03	100724-C	Solid	Percent Solids	Cool 4 deg C	PSEG03	K63	10/25/2024	Chemtech -SO
P4563-04	100724-D	Solid	Percent Solids	Cool 4 deg C	PSEG03	K63	10/25/2024	Chemtech -SO
P4563-05	100824-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	K63	10/25/2024	Chemtech -SO

Date/Time 10/25/24 16:30

Raw Sample Received by: [illegible]

Raw Sample Relinquished by: [illegible]

Date/Time 10/25/24 18:30

Raw Sample Received by: [illegible]

Raw Sample Relinquished by: [illegible]

WORKLIST(Hardcopy Internal Chain)

LB13313)

WorkList Name : %1-102524 **WorkList ID :** 184773 **Department :** Wet-Chemistry **Date :** 10-25-2024 09:56:39

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P4563-06	100924-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	K63	10/25/2024	Chemtech -SO
P4563-07	100924-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	K63	10/25/2024	Chemtech -SO
P4563-08	101424-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	K63	10/25/2024	Chemtech -SO
P4563-09	102324-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	K63	10/25/2024	Chemtech -SO
P4563-10	102524-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	K63	10/25/2024	Chemtech -SO
P4563-11	FITTING-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	K63	10/25/2024	Chemtech -SO
P4563-12	FITTING-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	K63	10/25/2024	Chemtech -SO
P4565-01	2054	Solid	Percent Solids	Cool 4 deg C	PSEG03	K63	10/25/2024	Chemtech -SO
P4565-02	2055	Solid	Percent Solids	Cool 4 deg C	PSEG03	K63	10/25/2024	Chemtech -SO
P4565-03	2056	Solid	Percent Solids	Cool 4 deg C	PSEG03	K63	10/25/2024	Chemtech -SO
P4565-04	2057	Solid	Percent Solids	Cool 4 deg C	PSEG03	K63	10/25/2024	Chemtech -SO
P4565-05	2058	Solid	Percent Solids	Cool 4 deg C	PSEG03	K63	10/25/2024	Chemtech -SO
P4565-06	2059	Solid	Percent Solids	Cool 4 deg C	PSEG03	K63	10/25/2024	Chemtech -SO
P4566-01	HD-01-102524	Solid	Percent Solids	Cool 4 deg C	PSEG05	K63	10/25/2024	Chemtech -SO
P4566-02	HD-01-102524-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	K63	10/25/2024	Chemtech -SO
P4567-01	WC-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	K61	10/25/2024	Chemtech -SO
P4567-02	WC-1-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	K61	10/25/2024	Chemtech -SO
P4567-03	WC-1-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	K61	10/25/2024	Chemtech -SO
P4567-05	WC-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	K61	10/25/2024	Chemtech -SO
P4567-06	WC-2-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	K61	10/25/2024	Chemtech -SO
P4567-07	WC-2-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	K61	10/25/2024	Chemtech -SO

Date/Time 10/25/24 16:30

Raw Sample Received by: JD WC

Raw Sample Relinquished by: L.C

Date/Time 10/25/24 18:30

Raw Sample Received by: L.C JM

Raw Sample Relinquished by: JD WC

WORKLIST(Hardcopy Internal Chain)

UB133131

WorkList Name : %1-102524 **WorkList ID :** 184773 **Department :** Wet-Chemistry **Date :** 10-25-2024 09:56:39

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P4567-09	WC-3	Solid	Percent Solids	Cool 4 deg C	PSEG03	K61	10/25/2024	Chemtech -SO
P4567-10	WC-3-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	K61	10/25/2024	Chemtech -SO
P4567-11	WC-3-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	K61	10/25/2024	Chemtech -SO
P4574-01	GRAVEL-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	K63	10/25/2024	Chemtech -SO
P4574-02	GRAVEL-1-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	K63	10/25/2024	Chemtech -SO
P4574-04	GRAVEL-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	K63	10/25/2024	Chemtech -SO
P4574-05	GRAVEL-2-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	K63	10/25/2024	Chemtech -SO
P4574-07	CONCRETE-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	K63	10/25/2024	Chemtech -SO
P4574-09	CONCRETE-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	K63	10/25/2024	Chemtech -SO
P4574-11	CONCRETE-3	Solid	Percent Solids	Cool 4 deg C	PSEG03	K63	10/25/2024	Chemtech -SO
P4575-01	PL-02-102424	Solid	Percent Solids	Cool 4 deg C	PSEG05	K63	10/25/2024	Chemtech -SO
P4575-02	PL-02-102424-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	K63	10/25/2024	Chemtech -SO
P4576-01	1097	Solid	Percent Solids	Cool 4 deg C	PSEG03	K63	10/25/2024	Chemtech -SO
P4576-02	1098	Solid	Percent Solids	Cool 4 deg C	PSEG03	K63	10/25/2024	Chemtech -SO
P4577-01	TR-05-102524	Solid	Percent Solids	Cool 4 deg C	PSEG05	K63	10/25/2024	Chemtech -SO
P4577-02	TR-05-102524-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	K63	10/25/2024	Chemtech -SO
P4578-03	WB-305-TOP	Solid	Percent Solids	Cool 4 deg C	PORT06	K63	10/25/2024	Chemtech -SO
P4578-04	WB-305-TOP-1	Solid	Percent Solids	Cool 4 deg C	PORT06	K63	10/25/2024	Chemtech -SO
P4578-05	WB-305-BOT	Solid	Percent Solids	Cool 4 deg C	PORT06	K63	10/25/2024	Chemtech -SO
P4578-07	WB-305-BOT-1	Solid	Percent Solids	Cool 4 deg C	PORT06	K63	10/25/2024	Chemtech -SO

Date/Time 10/25/24 16:30

Raw Sample Received by: JD WDC

Raw Sample Relinquished by: L.C Jm

Date/Time 10/25/24 18:30

Raw Sample Received by: L.C Jm

Raw Sample Relinquished by: JD WDC

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB164470

SOP ID: M3620C-Florisil cleanup-6, M3640A-GPC cleanup-6

Clean Up SOP #: GPC Cleanup,Florisil

Matrix : Solid

Weigh By: N/A

Balance check: RJ

Balance ID: EX-SC-2

pH Strip Lot#: N/A

Extraction By: N/A

Filter By: N/A

pH Meter ID: N/A

Hood ID: 3,7

Extraction Start Date : 10/28/2024

Extraction Start Time : 10:46

Extraction End Date : 10/29/2024

Extraction End Time : 09:45

Concentration By: EH

Supervisor By : rajesh

Extraction Method: [ ] Seperatory Funnel [ ] Continious Liquid/Liquid [ ] Sonication [ ] Waste Dilution [√] Soxhlet

Standared Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
GPC Pest Spike	10.0ML	20/40 PPB	PP23668
N/A	N/A	N/A	N/A
Surrogate	1.0ML	200/400 PPB	PP23666
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
MeCl2/Acetone/1:1	N/A	EP2538
Methylene Chloride	N/A	E3822
Hexane	N/A	E3819
Florisil	N/A	E3806
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

No Extraction only GPC Check prepared.

KD Bath ID: Water bath -01

KD Bath Temperature: 60 °C

Envap ID: NEVAP-02

Envap Temperature: 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
10/29/24	RP (Ext Lab)	AR-Resi-PEB Lab
9:50	Preparation Group	Analysis Group

Alliance TECHNICAL GROUP

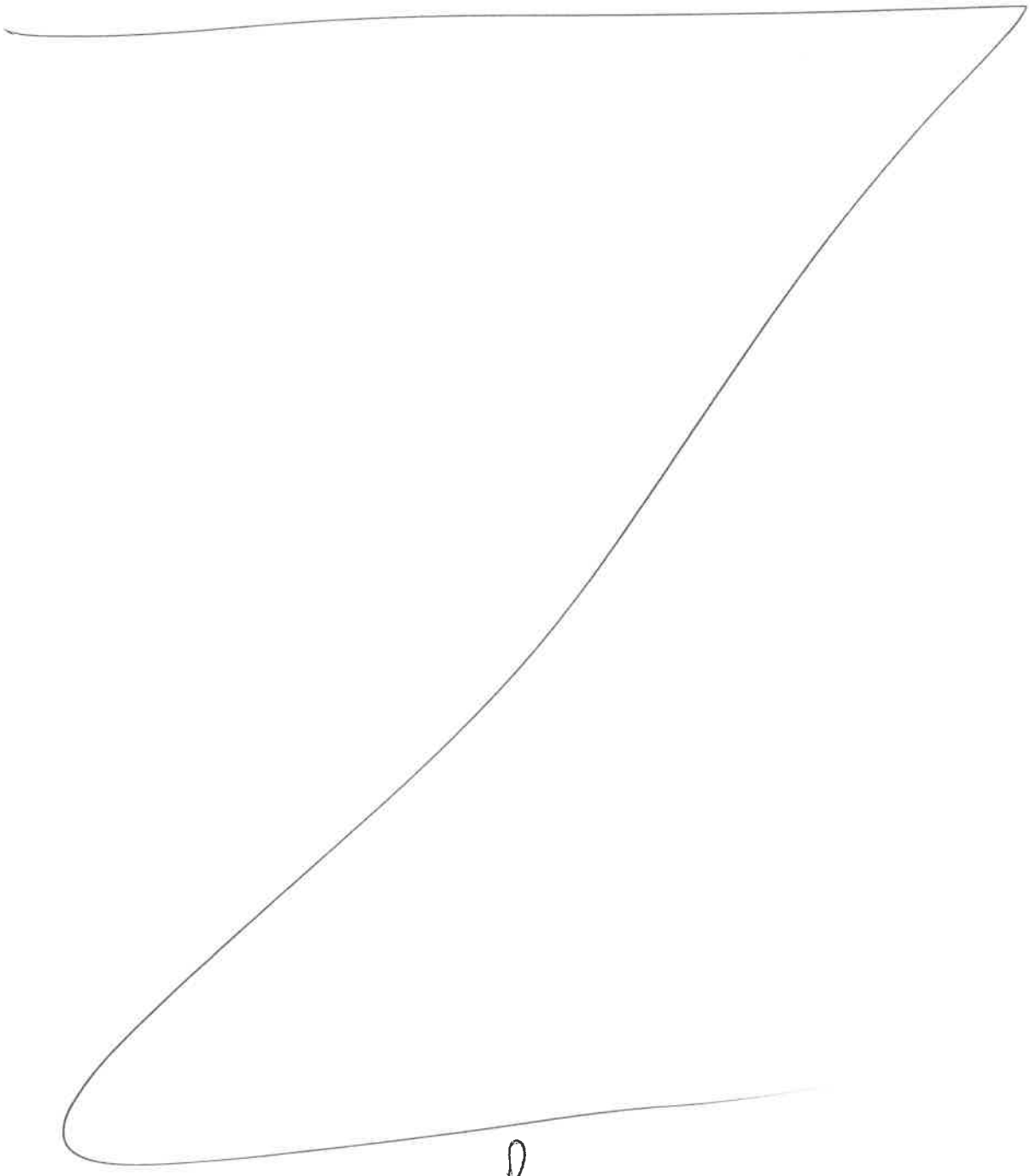
EXTRACTION LOGPAGE

PrepBatch ID : PB164470

Analytical Method: M3620C-Florisil cleanup-6, M3640A-GPC cleanup-6

Concentration Date: 10/29/2024

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
P4562-06	PEST-GPC-BLANK	Pesticide-TCL	10.0	N/A	ritesh	rajesh	10			
P4562-07	PEST-GPC-BLANK-SPIKE	Pesticide-TCL	10.0	N/A	ritesh	rajesh	10			



* **Extracts relinguished on the same date as received.**

10/29/24

WORKLIST(Hardcopy Internal Chain)

WorkList Name : P4562 **WorkList ID :** 184863 **Department :** Extraction **Date :** 10-28-2024 10:42:10

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P4562-05	SVOC-GPC-BLANK	Solid	SVOC-Chemtech Full -25	Cool 4 deg C	CHEM02	K11	10/25/2024	SFAM_SVOC
P4562-06	PEST-GPC-BLANK	Solid	Pesticide-TCL	Cool 4 deg C	CHEM02	K11	10/25/2024	SFAM_PEST
P4562-07	PEST-GPC-BLANK-SPIKE	Solid	Pesticide-TCL	Cool 4 deg C	CHEM02	K11	10/25/2024	SFAM_PEST
P4562-08	PCB-GPC-BLANK	Solid	PCB	Cool 4 deg C	CHEM02	K11	10/25/2024	SFAM_PCB
P4562-09	PCB-GPC-BLANK-SPIKE	Solid	PCB	Cool 4 deg C	CHEM02	K11	10/25/2024	SFAM_PCB
P4562-10	SVOC-GPC2-BLANK	Solid	SVOC-Chemtech Full -25	Cool 4 deg C	CHEM02	K11	10/25/2024	SFAM_SVOC
P4562-11	PEST-GPC2-BLANK	Solid	Pesticide-TCL	Cool 4 deg C	CHEM02	K11	10/25/2024	SFAM_PEST
P4562-12	PEST-GPC2-BLANK-SPIKE	Solid	Pesticide-TCL	Cool 4 deg C	CHEM02	K11	10/25/2024	SFAM_PEST
P4562-13	PCB-GPC2-BLANK	Solid	PCB	Cool 4 deg C	CHEM02	K11	10/25/2024	SFAM_PCB
P4562-14	PCB-GPC2-BLANK-SPIKE	Solid	PCB	Cool 4 deg C	CHEM02	K11	10/25/2024	SFAM_PCB

Date/Time 10/28/24

Raw Sample Received by: RJ (Ext Lab)

Raw Sample Relinquished by: JD (CSM)

Date/Time 10/28/24

Raw Sample Received by: JD (CSM)

Raw Sample Relinquished by: RJ (Ext Lab)

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB164471

SOP ID: M3620C-Florisil cleanup-6, M3640A-GPC cleanup-6

Clean Up SOP #: GPC Cleanup,Florisil

Matrix : Solid

Weigh By: N/A

Balance check: RJ

Balance ID: EX-SC-2

pH Strip Lot#: N/A

Extraction By: N/A

Filter By: N/A

pH Meter ID: N/A

Hood ID: 3,7

Extraction Start Date : 10/28/2024

Extraction Start Time : 10:46

Extraction End Date : 10/29/2024

Extraction End Time : 09:40

Concentration By: EH

Supervisor By : rajesh

Extraction Method: [ ] Seperatory Funnel [ ] Continious Liquid/Liquid [ ] Sonication [ ] Waste Dilution [√] Soxhlet

Standared Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
GPC Pest Spike	10.0ML	20/40 PPB	pp23668
N/A	N/A	N/A	N/A
Surrogate	1.0ML	200/400 PPB	PP23666
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
MeCl2/Acetone/1:1	N/A	EP2538
Methylene Chloride	N/A	E3822
Hexane	N/A	E3819
Florisil	N/A	E3806
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

No Extraction only GPC Check prepared.

KD Bath ID: Water bath -01

KD Bath Temperature: 60 °C

Envap ID: NEVAP-02

Envap Temperature: 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
10/29/24	RP (Ext Lab)	R. Post/PeB Lab
9:45	Preparation Group	Analysis Group

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB164471

Analytical Method: M3620C-Florisil cleanup-6, M3640A-GPC cleanup-6 **Concentration Date:** 10/29/2024

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
P4562-11	PEST-GPC2-BLANK	Pesticide-TCL	10.0	N/A	ritesh	rajesh	5			
P4562-12	PEST-GPC2-BLANK-SPIKE	Pesticide-TCL	10.0	N/A	ritesh	rajesh	5			

10/29/24

* **Extracts relinguished on the same date as received.**

WORKLIST(Hardcopy Internal Chain)

WorkList Name : P4562 **WorkList ID :** 184863 **Department :** Extraction **Date :** 10-28-2024 10:42:10

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P4562-05	SVOC-GPC-BLANK	Solid	SVOC-Chemtech Full -25	Cool 4 deg C	CHEM02	K11	10/25/2024	SFAM_SVOC
P4562-06	PEST-GPC-BLANK	Solid	Pesticide-TCL	Cool 4 deg C	CHEM02	K11	10/25/2024	SFAM_PEST
P4562-07	PEST-GPC-BLANK-SPIKE	Solid	Pesticide-TCL	Cool 4 deg C	CHEM02	K11	10/25/2024	SFAM_PEST
P4562-08	PCB-GPC-BLANK	Solid	PCB	Cool 4 deg C	CHEM02	K11	10/25/2024	SFAM_PCB
P4562-09	PCB-GPC-BLANK-SPIKE	Solid	PCB	Cool 4 deg C	CHEM02	K11	10/25/2024	SFAM_PCB
P4562-10	SVOC-GPC2-BLANK	Solid	SVOC-Chemtech Full -25	Cool 4 deg C	CHEM02	K11	10/25/2024	SFAM_SVOC
P4562-11	PEST-GPC2-BLANK	Solid	Pesticide-TCL	Cool 4 deg C	CHEM02	K11	10/25/2024	SFAM_PEST
P4562-12	PEST-GPC2-BLANK-SPIKE	Solid	Pesticide-TCL	Cool 4 deg C	CHEM02	K11	10/25/2024	SFAM_PEST
P4562-13	PCB-GPC2-BLANK	Solid	PCB	Cool 4 deg C	CHEM02	K11	10/25/2024	SFAM_PCB
P4562-14	PCB-GPC2-BLANK-SPIKE	Solid	PCB	Cool 4 deg C	CHEM02	K11	10/25/2024	SFAM_PCB

Date/Time 10/28/24

Raw Sample Received by: RJ (Ext lab)

Raw Sample Relinquished by: JD (CSM)

Date/Time 10/28/24

Raw Sample Received by: JD (CSM)

Raw Sample Relinquished by: RJ (Ext lab)

SHIPPING DOCUMENTS

CHEMTECH

CHAIN OF CUSTODY RECORD

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 Fax (908) 789-8922
www.chemtech.net

#1

Chemtech Project Number P4562

COC Number

CLIENT INFORMATION

Report to be sent to:

COMPANY: Chemtech
ADDRESS: 284 Sheffield Street
CITY: Mountainside STATE: NJ ZIP: 07092
ATTENTION: GA Officer
PHONE: (908) 789-8900 FAX: (908) 789-8922

PROJECT INFORMATION

PROJECT NAME: Weekly Storage Blanks
PROJECT #: LOCATION: NJT
PROJECT MANAGER:
E-MAIL:
PHONE: FAX:

BILLING INFORMATION

BILL TO: Same
ADDRESS: PO#
CITY:
ATTENTION: STATE: ZIP:
PHONE:

DATA TURNAROUND INFORMATION

FAX (RUSH) _____ DAYS*
HARDCOPY (DATA PACKAGE): _____ DAYS*
EDD: _____ DAYS*
*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS DAYS

DATA DELIVERABLE INFORMATION

☐ Level 1 (Results Only)
☐ Level 2 (Results + QC)
☐ Level 3 (Results + QC + Raw Data)
☐ EDD FORMAT
☐ Level 4 (QC + Full Raw Data)
☐ NJ Reduced ☐ US EPA CLP
☐ NYS ASP A ☐ NYS ASP B
☐ Other _____

ANALYSIS

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE: GRAB	SAMPLE TYPE: COMP	SAMPLE COLLECTION: DATE	SAMPLE COLLECTION: TIME	# of containers	PRESERVATIVES: A/E	1	2	3	4	5	6	7	8	9	COMMENTS
1.	Storage-Blank-SOIL-REF-6	AQ		X			2	X										
2.	Storage-Blank-WATER-REF-5	AQ		X			2	X										
3.	Storage-Blank-WATER-REF-4	AQ		X			2	X										
4.	Storage-Blank-SAMPLE-MANAGEMENT	AQ		X			2	X										
5.	SVOC-GPC-BLANK	SO		X			1		X									
6.	PEST-GPC-BLANK	SO		X			1			X								
7.	PEST-GPC-BLANK-SPIKE	SO		X			1			X								
8.	PCB-GPC-BLANK	SO		X			1				X							
9.	PCB-GPC-BLANK-SPIKE	SO		X			1				X							
10.	SVOC-GPC2-BLANK	SO		X			1		X									

Key: A-HCl B-NaOH C-H2SO4 D-HNO3 E-ICE F-OTHER

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER	DATE/TIME	RECEIVED BY
1.		1.
2. RELINQUISHED BY	DATE/TIME	2. RECEIVED BY
3. RELINQUISHED BY	DATE/TIME	3. RECEIVED FOR LAB BY

Custody seals on bottles or cooler at receipt ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 6.0

Comments:

Page 1 of 2

CLIENT: ☐ Hand Delivered ☐ Other:
CHEMTECH: ☐ Picked Up

Shipment Complete ☐ YES ☐ NO

10/2016

WHITE - CHEMTECH COPY FOR RETURN TO CLIENT YELLOW - CHEMTECH COPY PINK - SAMPLER COPY

#2

CHEMTECH

CHAIN OF CUSTODY RECORD

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 Fax (908) 789-8922
www.chemtech.net

Chemtech Project Number: P4562
COC Number:

CLIENT INFORMATION

Report to be sent to:
COMPANY: CHEMTECH
ADDRESS: 284 Sheffield Street
CITY: Mountainside STATE: NJ ZIP: 07092
ATTENTION: QA Officer
PHONE: 908-789-8900 FAX: 908-789-8922

PROJECT INFORMATION

PROJECT NAME: Weekly Storage Blanks
PROJECT #: LOCATION: NJT
PROJECT MANAGER:
E-MAIL:
PHONE: FAX:

BILLING INFORMATION

BILL TO: SAME PO#
ADDRESS:
CITY: STATE: ZIP:
ATTENTION:
PHONE:

DATA TURNAROUND INFORMATION

FAX (RUSH)
HARDCOPY (DATA PACKAGE): 15 DAYS*
EDD: DAYS*
TO BE APPROVED BY CHEMTECH DAYS*
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS DAYS

DATA DELIVERABLE INFORMATION

☐ Level 1 (Results Only)
☐ Level 2 (Results + QC)
☐ Level 3 (Results + QC + Raw Data)
☐ EDD FORMAT
☐ Level 4 (QC + Full Raw Data)
☐ NJ Reduced ☐ US EPA CLP
☐ NYS ASP A ☐ NYS ASP B
☐ Other

ANALYSIS

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE: GRAB	SAMPLE TYPE: COMP	SAMPLE COLLECTION: DATE	SAMPLE COLLECTION: TIME	# of bottles	PRESERVATIVES 1	2	3	4	5	6	7	8	9
1.	PEST-GRC2-BLANK	SO		X			1			X						
2.	PEST-GRC2-BLANK-SPIKE	SO		X			1			X						
3.	PCB-GRC2-BLANK	SO		X			1				X					
4.	PCB-GRC2-BLANK-SPIKE	SO		X			1				X					
5.																
6.																
7.																
8.																
9.																
10.																

PRESERVATIVES: A-HCl B-HNO3 C-H2SO4 D-NaOH E-ICE F-OTHER

COMMENTS <--Specify Preservative

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE PROSSESSION INCLUDING COURIER DELIVERY

	DATE/TIME		
1. RELINQUISHED BY SAMPLER		1. RECEIVED BY	
2. RELINQUISHED BY	DATE/TIME	2. RECEIVED BY	
3. RELINQUISHED BY	DATE/TIME	3. RECEIVED FOR LAB BY	

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 6.0°
Comments:

Page 2 of 2

CLIENT: ☐ Hand Delivered ☐ Other:
CHEMTECH: ☐ Picked Up

Shipment Complete: ☒ YES ☐ NO

10/2018

WHITE - CHEMTECH COPY FOR RETURN TO CLIENT YELLOW - CHEMTECH COPY PINK - SAMPLER COPY

284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Laboratory Certification

Certified By	License No.
CAS EPA CLP Contract	68HERH20D0011
Connecticut	PH-0830
DOD ELAP (L-A-B)	L2219
Maine	2024021
Maryland	296
New Hampshire	255423
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	T104704488