

Hit Summary Sheet
SW-846

SDG No.: P2687

Client: PSEG

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID: P2687-03	VNJ-223 VNJ-223	TCLP	2-Butanone	0.018	J	0.0013	0.025	mg/L
			Total Voc :	0.018				
			Total Concentration:	0.018				
Client ID: P2687-06	72-11977 72-11977	TCLP	2-Butanone	0.019	J	0.0013	0.025	mg/L
			Total Voc :	0.019				
			Total Concentration:	0.019				
Client ID: P2687-09	72-11998 72-11998	TCLP	2-Butanone	0.019	J	0.0013	0.025	mg/L
			Total Voc :	0.019				
			Total Concentration:	0.019				



SAMPLE DATA

Report of Analysis

Client:	PSEG	Date Collected:	05/31/24
Project:	Victory Laydown Yard	Date Received:	05/31/24
Client Sample ID:	VNJ-223	SDG No.:	P2687
Lab Sample ID:	P2687-03	Matrix:	TCLP
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5	Units:	mL
Soil Aliquot Vol:			uL
GC Column:	DB-624UI	ID :	0.18
Prep Method :	SW5035	Level :	LOW
		Final Vol:	5000
		Test:	TCLP VOA

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX041711.D	1		06/03/24 17:51	VX060324

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-01-4	Vinyl Chloride	0.0050	U	0.00034	0.0050	mg/L
75-35-4	1,1-Dichloroethene	0.0050	U	0.00026	0.0050	mg/L
78-93-3	2-Butanone	0.018	J	0.0013	0.025	mg/L
56-23-5	Carbon Tetrachloride	0.0050	U	0.00025	0.0050	mg/L
67-66-3	Chloroform	0.0050	U	0.00026	0.0050	mg/L
71-43-2	Benzene	0.0050	U	0.00016	0.0050	mg/L
107-06-2	1,2-Dichloroethane	0.0050	U	0.00024	0.0050	mg/L
79-01-6	Trichloroethene	0.0050	U	0.00032	0.0050	mg/L
127-18-4	Tetrachloroethene	0.0050	U	0.00025	0.0050	mg/L
108-90-7	Chlorobenzene	0.0050	U	0.00013	0.0050	mg/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	45.0		74 - 125	90%	SPK: 50
1868-53-7	Dibromofluoromethane	44.4		75 - 124	89%	SPK: 50
2037-26-5	Toluene-d8	49.3		86 - 113	99%	SPK: 50
460-00-4	4-Bromofluorobenzene	51.9		64 - 133	104%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	147000	5.55			
540-36-3	1,4-Difluorobenzene	221000	6.763			
3114-55-4	Chlorobenzene-d5	224000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	114000	12.024			

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

Report of Analysis

Client:	PSEG	Date Collected:	05/31/24
Project:	Victory Laydown Yard	Date Received:	05/31/24
Client Sample ID:	72-11977	SDG No.:	P2687
Lab Sample ID:	P2687-06	Matrix:	TCLP
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	TCLP VOA
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :	SW5035		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX041712.D	1		06/03/24 18:14	VX060324

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-01-4	Vinyl Chloride	0.0050	U	0.00034	0.0050	mg/L
75-35-4	1,1-Dichloroethene	0.0050	U	0.00026	0.0050	mg/L
78-93-3	2-Butanone	0.019	J	0.0013	0.025	mg/L
56-23-5	Carbon Tetrachloride	0.0050	U	0.00025	0.0050	mg/L
67-66-3	Chloroform	0.0050	U	0.00026	0.0050	mg/L
71-43-2	Benzene	0.0050	U	0.00016	0.0050	mg/L
107-06-2	1,2-Dichloroethane	0.0050	U	0.00024	0.0050	mg/L
79-01-6	Trichloroethene	0.0050	U	0.00032	0.0050	mg/L
127-18-4	Tetrachloroethene	0.0050	U	0.00025	0.0050	mg/L
108-90-7	Chlorobenzene	0.0050	U	0.00013	0.0050	mg/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	47.0		74 - 125	94%	SPK: 50
1868-53-7	Dibromofluoromethane	45.5		75 - 124	91%	SPK: 50
2037-26-5	Toluene-d8	49.6		86 - 113	99%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.9		64 - 133	102%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	137000	5.55			
540-36-3	1,4-Difluorobenzene	207000	6.763			
3114-55-4	Chlorobenzene-d5	206000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	102000	12.024			

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Report of Analysis

Client:	PSEG	Date Collected:	05/31/24
Project:	Victory Laydown Yard	Date Received:	05/31/24
Client Sample ID:	72-11998	SDG No.:	P2687
Lab Sample ID:	P2687-09	Matrix:	TCLP
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	TCLP VOA
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :	SW5035		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX041713.D	1		06/03/24 18:38	VX060324

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-01-4	Vinyl Chloride	0.0050	U	0.00034	0.0050	mg/L
75-35-4	1,1-Dichloroethene	0.0050	U	0.00026	0.0050	mg/L
78-93-3	2-Butanone	0.019	J	0.0013	0.025	mg/L
56-23-5	Carbon Tetrachloride	0.0050	U	0.00025	0.0050	mg/L
67-66-3	Chloroform	0.0050	U	0.00026	0.0050	mg/L
71-43-2	Benzene	0.0050	U	0.00016	0.0050	mg/L
107-06-2	1,2-Dichloroethane	0.0050	U	0.00024	0.0050	mg/L
79-01-6	Trichloroethene	0.0050	U	0.00032	0.0050	mg/L
127-18-4	Tetrachloroethene	0.0050	U	0.00025	0.0050	mg/L
108-90-7	Chlorobenzene	0.0050	U	0.00013	0.0050	mg/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	46.0		74 - 125	92%	SPK: 50
1868-53-7	Dibromofluoromethane	45.2		75 - 124	90%	SPK: 50
2037-26-5	Toluene-d8	49.9		86 - 113	100%	SPK: 50
460-00-4	4-Bromofluorobenzene	51.1		64 - 133	102%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	139000	5.55			
540-36-3	1,4-Difluorobenzene	209000	6.763			
3114-55-4	Chlorobenzene-d5	210000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	102000	12.024			

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LAB CHRONICLE

OrderID: P2687
Client: PSEG
Contact: John Kieffer

OrderDate: 5/31/2024 2:04:21 PM
Project: Victory Laydown Yard
Location: K21

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P2687-01	VNJ-223	SOIL	VOC-TCLVOA-10	8260D	05/31/24		06/04/24	05/31/24
P2687-03	VNJ-223	TCLP	TCLP VOA	8260D	05/31/24		06/03/24	05/31/24
P2687-04	72-11977	SOIL	VOC-TCLVOA-10	8260D	05/31/24		06/04/24	05/31/24
P2687-06	72-11977	TCLP	TCLP VOA	8260D	05/31/24		06/03/24	05/31/24
P2687-07	72-11998	SOIL	VOC-TCLVOA-10	8260D	05/31/24		06/04/24	05/31/24
P2687-09	72-11998	TCLP	TCLP VOA	8260D	05/31/24		06/03/24	05/31/24