



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

B

C

D

Hit Summary Sheet SW-846

SDG No.: P2687

Client: PSEG

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
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Client ID :

0.000

Total Svoc :

0.00

Total Concentration:

0.00



SAMPLE DATA

A

B

C

D

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:	SW8270	% Solid:	0
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020497.D	1	06/03/24 10:50	06/04/24 15:15	PB161311

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	0.050	U	0.016	0.050	mg/L
106-46-7	1,4-Dichlorobenzene	0.050	U	0.0084	0.050	mg/L
95-48-7	2-Methylphenol	0.050	U	0.011	0.050	mg/L
65794-96-9	3+4-Methylphenols	0.10	U	0.012	0.10	mg/L
67-72-1	Hexachloroethane	0.050	U	0.010	0.050	mg/L
98-95-3	Nitrobenzene	0.050	U	0.013	0.050	mg/L
87-68-3	Hexachlorobutadiene	0.050	U	0.013	0.050	mg/L
88-06-2	2,4,6-Trichlorophenol	0.050	U	0.0089	0.050	mg/L
95-95-4	2,4,5-Trichlorophenol	0.050	U	0.010	0.050	mg/L
121-14-2	2,4-Dinitrotoluene	0.050	U	0.015	0.050	mg/L
118-74-1	Hexachlorobenzene	0.050	U	0.011	0.050	mg/L
87-86-5	Pentachlorophenol	0.10	U	0.019	0.10	mg/L
SURROGATES						
367-12-4	2-Fluorophenol	131		10 - 139	87%	SPK: 150
13127-88-3	Phenol-d6	110		10 - 134	73%	SPK: 150
4165-60-0	Nitrobenzene-d5	89.1		49 - 133	89%	SPK: 100
321-60-8	2-Fluorobiphenyl	82.8		52 - 132	83%	SPK: 100
118-79-6	2,4,6-Tribromophenol	160		32 - 145	107%	SPK: 150
1718-51-0	Terphenyl-d14	80.4		36 - 145	80%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	255000	7.746			
1146-65-2	Naphthalene-d8	987000	10.522			
15067-26-2	Acenaphthene-d10	590000	14.381			
1517-22-2	Phenanthrene-d10	1400000	17.186			
1719-03-5	Chrysene-d12	1380000	21.651			
1520-96-3	Perylene-d12	403000	25.004			

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:	SW8270	% Solid:	0
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type :		Decanted :	N
Injection Volume :		Level :	LOW
		GPC Factor :	1.0
		GPC Cleanup :	N
Prep Method :	SW3541	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020497.D	1	06/03/24 10:50	06/04/24 15:15	PB161311

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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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:	SW8270	% Solid:	0
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020498.D	1	06/03/24 10:50	06/04/24 16:00	PB161311

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	0.050	U	0.016	0.050	mg/L
106-46-7	1,4-Dichlorobenzene	0.050	U	0.0084	0.050	mg/L
95-48-7	2-Methylphenol	0.050	U	0.011	0.050	mg/L
65794-96-9	3+4-Methylphenols	0.10	U	0.012	0.10	mg/L
67-72-1	Hexachloroethane	0.050	U	0.010	0.050	mg/L
98-95-3	Nitrobenzene	0.050	U	0.013	0.050	mg/L
87-68-3	Hexachlorobutadiene	0.050	U	0.013	0.050	mg/L
88-06-2	2,4,6-Trichlorophenol	0.050	U	0.0089	0.050	mg/L
95-95-4	2,4,5-Trichlorophenol	0.050	U	0.010	0.050	mg/L
121-14-2	2,4-Dinitrotoluene	0.050	U	0.015	0.050	mg/L
118-74-1	Hexachlorobenzene	0.050	U	0.011	0.050	mg/L
87-86-5	Pentachlorophenol	0.10	U	0.019	0.10	mg/L
SURROGATES						
367-12-4	2-Fluorophenol	129		10 - 139	86%	SPK: 150
13127-88-3	Phenol-d6	111		10 - 134	74%	SPK: 150
4165-60-0	Nitrobenzene-d5	87.9		49 - 133	88%	SPK: 100
321-60-8	2-Fluorobiphenyl	78.7		52 - 132	79%	SPK: 100
118-79-6	2,4,6-Tribromophenol	140		32 - 145	93%	SPK: 150
1718-51-0	Terphenyl-d14	79.6		36 - 145	80%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	274000	7.763			
1146-65-2	Naphthalene-d8	1060000	10.54			
15067-26-2	Acenaphthene-d10	666000	14.38			
1517-22-2	Phenanthrene-d10	1420000	17.198			
1719-03-5	Chrysene-d12	1340000	21.645			
1520-96-3	Perylene-d12	1460000	24.998			

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:	SW8270	% Solid:	0
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	TCLP BNA
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	1.0
		GPC Cleanup :	N
Prep Method :	SW3541	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020498.D	1	06/03/24 10:50	06/04/24 16:00	PB161311

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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U = Not Detected

LOQ = Limit of Quantitation

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LOD = Limit of Detection

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Q = indicates LCS control criteria did not meet requirements

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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:	72-11998	SDG No.:	P2687
Lab Sample ID:	P2687-09	Matrix:	TCLP
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020499.D	1	06/03/24 10:50	06/04/24 16:44	PB161311

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	0.050	U	0.016	0.050	mg/L
106-46-7	1,4-Dichlorobenzene	0.050	U	0.0084	0.050	mg/L
95-48-7	2-Methylphenol	0.050	U	0.011	0.050	mg/L
65794-96-9	3+4-Methylphenols	0.10	U	0.012	0.10	mg/L
67-72-1	Hexachloroethane	0.050	U	0.010	0.050	mg/L
98-95-3	Nitrobenzene	0.050	U	0.013	0.050	mg/L
87-68-3	Hexachlorobutadiene	0.050	U	0.013	0.050	mg/L
88-06-2	2,4,6-Trichlorophenol	0.050	U	0.0089	0.050	mg/L
95-95-4	2,4,5-Trichlorophenol	0.050	U	0.010	0.050	mg/L
121-14-2	2,4-Dinitrotoluene	0.050	U	0.015	0.050	mg/L
118-74-1	Hexachlorobenzene	0.050	U	0.011	0.050	mg/L
87-86-5	Pentachlorophenol	0.10	U	0.019	0.10	mg/L
SURROGATES						
367-12-4	2-Fluorophenol	118		10 - 139	78%	SPK: 150
13127-88-3	Phenol-d6	103		10 - 134	69%	SPK: 150
4165-60-0	Nitrobenzene-d5	81.0		49 - 133	81%	SPK: 100
321-60-8	2-Fluorobiphenyl	73.9		52 - 132	74%	SPK: 100
118-79-6	2,4,6-Tribromophenol	136		32 - 145	91%	SPK: 150
1718-51-0	Terphenyl-d14	77.7		36 - 145	78%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	268000	7.769			
1146-65-2	Naphthalene-d8	1040000	10.534			
15067-26-2	Acenaphthene-d10	657000	14.381			
1517-22-2	Phenanthrene-d10	1440000	17.192			
1719-03-5	Chrysene-d12	1350000	21.651			
1520-96-3	Perylene-d12	1480000	25.004			

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:	SW8270	% Solid:	0
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type :		Decanted :	N
Injection Volume :		GPC Factor :	1.0
Prep Method :	SW3541	Level :	LOW
		Final Vol:	1000
		Test:	TCLP BNA
		GPC Cleanup :	N
		PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020499.D	1	06/03/24 10:50	06/04/24 16:44	PB161311

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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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:	06/03/24
Project:	Victory Laydown Yard	Date Received:	06/03/24
Client Sample ID:	PB161253TB	SDG No.:	P2687
Lab Sample ID:	PB161253TB	Matrix:	TCLP
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020514.D	1	06/03/24 10:50	06/05/24 12:09	PB161311

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	0.050	U	0.016	0.050	mg/L
106-46-7	1,4-Dichlorobenzene	0.050	U	0.0084	0.050	mg/L
95-48-7	2-Methylphenol	0.050	U	0.011	0.050	mg/L
65794-96-9	3+4-Methylphenols	0.10	U	0.012	0.10	mg/L
67-72-1	Hexachloroethane	0.050	U	0.010	0.050	mg/L
98-95-3	Nitrobenzene	0.050	U	0.013	0.050	mg/L
87-68-3	Hexachlorobutadiene	0.050	U	0.013	0.050	mg/L
88-06-2	2,4,6-Trichlorophenol	0.050	U	0.0089	0.050	mg/L
95-95-4	2,4,5-Trichlorophenol	0.050	U	0.010	0.050	mg/L
121-14-2	2,4-Dinitrotoluene	0.050	U	0.015	0.050	mg/L
118-74-1	Hexachlorobenzene	0.050	U	0.011	0.050	mg/L
87-86-5	Pentachlorophenol	0.10	U	0.019	0.10	mg/L
SURROGATES						
367-12-4	2-Fluorophenol	145		10 - 139	96%	SPK: 150
13127-88-3	Phenol-d6	129		10 - 134	86%	SPK: 150
4165-60-0	Nitrobenzene-d5	89.8		49 - 133	90%	SPK: 100
321-60-8	2-Fluorobiphenyl	90.9		52 - 132	91%	SPK: 100
118-79-6	2,4,6-Tribromophenol	138		32 - 145	92%	SPK: 150
1718-51-0	Terphenyl-d14	80.9		36 - 145	81%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	334000	7.775			
1146-65-2	Naphthalene-d8	1280000	10.54			
15067-26-2	Acenaphthene-d10	768000	14.393			
1517-22-2	Phenanthrene-d10	1430000	17.198			
1719-03-5	Chrysene-d12	1100000	21.651			
1520-96-3	Perylene-d12	1360000	25.016			

Report of Analysis

Client:	PSEG	Date Collected:	06/03/24
Project:	Victory Laydown Yard	Date Received:	06/03/24
Client Sample ID:	PB161253TB	SDG No.:	P2687
Lab Sample ID:	PB161253TB	Matrix:	TCLP
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020514.D	1	06/03/24 10:50	06/05/24 12:09	PB161311

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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U = Not Detected

LOQ = Limit of Quantitation

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* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

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	SVOC-TCL BNA -20	8270E	05/31/24	06/03/24	06/04/24	05/31/24
P2687-03	VNJ-223	TCLP	TCLP BNA	8270E	05/31/24	06/03/24	06/04/24	05/31/24
P2687-04	72-11977	SOIL	SVOC-TCL BNA -20	8270E	05/31/24	06/03/24	06/04/24	05/31/24
P2687-06	72-11977	TCLP	TCLP BNA	8270E	05/31/24	06/03/24	06/04/24	05/31/24
P2687-07	72-11998	SOIL	SVOC-TCL BNA -20	8270E	05/31/24	06/03/24	06/04/24	05/31/24
P2687-09	72-11998	TCLP	TCLP BNA	8270E	05/31/24	06/03/24	06/04/24	05/31/24