

Report of Analysis

Client:	PSEG	Date Collected:	11/06/24
Project:	Harrison Gas	Date Received:	11/06/24
Client Sample ID:	72-12018	SDG No.:	P4738
Lab Sample ID:	P4738-01	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	17.5
Sample Wt/Vol:	5.04	Units: g	Final Vol: 10000 uL
Soil Aliquot Vol:	100	uL	Test: VOC-TCLVOA-10
GC Column:	RXI-624	ID : 0.25	Level : MED
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN084722.D	1		11/07/24 15:33	VN110724

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	2.80	U	0.94	2.80	mg/Kg
74-87-3	Chloromethane	2.80	U	0.66	2.80	mg/Kg
75-01-4	Vinyl Chloride	2.80	U	0.44	2.80	mg/Kg
74-83-9	Bromomethane	2.80	U	0.58	2.80	mg/Kg
75-00-3	Chloroethane	2.80	U	0.57	2.80	mg/Kg
75-69-4	Trichlorofluoromethane	2.80	U	0.52	2.80	mg/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	2.80	U	0.61	2.80	mg/Kg
75-35-4	1,1-Dichloroethene	2.80	U	0.44	2.80	mg/Kg
67-64-1	Acetone	14.2	U	3.50	14.2	mg/Kg
75-15-0	Carbon Disulfide	2.80	U	0.73	2.80	mg/Kg
1634-04-4	Methyl tert-butyl Ether	2.80	U	0.38	2.80	mg/Kg
79-20-9	Methyl Acetate	2.80	U	1.00	2.80	mg/Kg
75-09-2	Methylene Chloride	5.70	U	1.90	5.70	mg/Kg
156-60-5	trans-1,2-Dichloroethene	2.80	U	0.48	2.80	mg/Kg
75-34-3	1,1-Dichloroethane	2.80	U	0.36	2.80	mg/Kg
110-82-7	Cyclohexane	2.80	U	0.39	2.80	mg/Kg
78-93-3	2-Butanone	14.2	U	3.20	14.2	mg/Kg
56-23-5	Carbon Tetrachloride	2.80	U	0.49	2.80	mg/Kg
156-59-2	cis-1,2-Dichloroethene	2.80	U	0.35	2.80	mg/Kg
74-97-5	Bromochloromethane	2.80	U	1.40	2.80	mg/Kg
67-66-3	Chloroform	2.80	U	0.38	2.80	mg/Kg
71-55-6	1,1,1-Trichloroethane	2.80	U	0.44	2.80	mg/Kg
108-87-2	Methylcyclohexane	2.80	U	0.49	2.80	mg/Kg
71-43-2	Benzene	2.80	U	0.41	2.80	mg/Kg
107-06-2	1,2-Dichloroethane	2.80	U	0.35	2.80	mg/Kg
79-01-6	Trichloroethene	2.80	U	0.43	2.80	mg/Kg
78-87-5	1,2-Dichloropropane	2.80	U	0.37	2.80	mg/Kg
75-27-4	Bromodichloromethane	2.80	U	0.32	2.80	mg/Kg
108-10-1	4-Methyl-2-Pentanone	14.2	U	2.50	14.2	mg/Kg
108-88-3	Toluene	2.80	U	0.38	2.80	mg/Kg

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10061-02-6	t-1,3-Dichloropropene	2.80	U	0.34	2.80	mg/Kg
10061-01-5	cis-1,3-Dichloropropene	2.80	U	0.32	2.80	mg/Kg
79-00-5	1,1,2-Trichloroethane	2.80	U	0.48	2.80	mg/Kg
591-78-6	2-Hexanone	14.2	U	2.70	14.2	mg/Kg
124-48-1	Dibromochloromethane	2.80	U	0.37	2.80	mg/Kg
106-93-4	1,2-Dibromoethane	2.80	U	0.45	2.80	mg/Kg
127-18-4	Tetrachloroethene	2.80	U	0.50	2.80	mg/Kg
108-90-7	Chlorobenzene	2.80	U	0.42	2.80	mg/Kg
100-41-4	Ethyl Benzene	2.80	U	0.35	2.80	mg/Kg
179601-23-1	m/p-Xylenes	5.70	U	0.77	5.70	mg/Kg
95-47-6	o-Xylene	2.80	U	0.40	2.80	mg/Kg
100-42-5	Styrene	2.80	U	0.34	2.80	mg/Kg
75-25-2	Bromoform	2.80	U	0.46	2.80	mg/Kg
98-82-8	Isopropylbenzene	2.80	U	0.38	2.80	mg/Kg
79-34-5	1,1,2,2-Tetrachloroethane	2.80	U	0.62	2.80	mg/Kg
541-73-1	1,3-Dichlorobenzene	2.80	U	0.42	2.80	mg/Kg
106-46-7	1,4-Dichlorobenzene	2.80	U	0.45	2.80	mg/Kg
95-50-1	1,2-Dichlorobenzene	2.80	U	0.33	2.80	mg/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	2.80	U	0.88	2.80	mg/Kg
120-82-1	1,2,4-Trichlorobenzene	2.80	U	0.45	2.80	mg/Kg
87-61-6	1,2,3-Trichlorobenzene	2.80	U	0.44	2.80	mg/Kg

SURROGATES

17060-07-0	1,2-Dichloroethane-d4	48.2	50 - 163	96%	SPK: 50
1868-53-7	Dibromofluoromethane	48.3	54 - 147	97%	SPK: 50
2037-26-5	Toluene-d8	46.8	58 - 134	94%	SPK: 50
460-00-4	4-Bromofluorobenzene	44.3	29 - 146	89%	SPK: 50

INTERNAL STANDARDS

363-72-4	Pentafluorobenzene	174000	8.218
540-36-3	1,4-Difluorobenzene	299000	9.1
3114-55-4	Chlorobenzene-d5	261000	11.865
3855-82-1	1,4-Dichlorobenzene-d4	109000	13.794

TENTATIVE IDENTIFIED COMPOUNDS

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	unknown2.289	3800	J		2.29	ug/Kg
	unknown2.906	5000	J		2.91	ug/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

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