

Report of Analysis

Client:	PSEG	Date Collected:	
Project:	Aubudon Gas District	Date Received:	
Client Sample ID:	VX0428MBL01	SDG No.:	Q1875
Lab Sample ID:	VX0428MBL01	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	100 uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	MED
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX045945.D	1		04/28/25 10:44	VX042825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	500	U	110	500	ug/Kg
74-87-3	Chloromethane	500	U	110	500	ug/Kg
75-01-4	Vinyl Chloride	500	U	79.0	500	ug/Kg
74-83-9	Bromomethane	500	U	110	500	ug/Kg
75-00-3	Chloroethane	500	U	130	500	ug/Kg
75-69-4	Trichlorofluoromethane	500	U	120	500	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	500	U	110	500	ug/Kg
75-35-4	1,1-Dichloroethene	500	U	100	500	ug/Kg
67-64-1	Acetone	2500	U	470	2500	ug/Kg
75-15-0	Carbon Disulfide	500	U	110	500	ug/Kg
1634-04-4	Methyl tert-butyl Ether	500	U	73.0	500	ug/Kg
79-20-9	Methyl Acetate	500	U	150	500	ug/Kg
75-09-2	Methylene Chloride	1000	U	350	1000	ug/Kg
156-60-5	trans-1,2-Dichloroethene	500	U	86.0	500	ug/Kg
75-34-3	1,1-Dichloroethane	500	U	80.0	500	ug/Kg
110-82-7	Cyclohexane	500	U	79.0	500	ug/Kg
78-93-3	2-Butanone	2500	U	650	2500	ug/Kg
56-23-5	Carbon Tetrachloride	500	U	97.0	500	ug/Kg
156-59-2	cis-1,2-Dichloroethene	500	U	75.0	500	ug/Kg
74-97-5	Bromochloromethane	500	U	120	500	ug/Kg
67-66-3	Chloroform	500	U	84.0	500	ug/Kg
71-55-6	1,1,1-Trichloroethane	500	U	93.0	500	ug/Kg
108-87-2	Methylcyclohexane	500	U	91.0	500	ug/Kg
71-43-2	Benzene	500	U	79.0	500	ug/Kg
107-06-2	1,2-Dichloroethane	500	U	79.0	500	ug/Kg
79-01-6	Trichloroethene	500	U	81.0	500	ug/Kg
78-87-5	1,2-Dichloropropane	500	U	91.0	500	ug/Kg
75-27-4	Bromodichloromethane	500	U	78.0	500	ug/Kg
108-10-1	4-Methyl-2-Pentanone	2500	U	360	2500	ug/Kg
108-88-3	Toluene	500	U	78.0	500	ug/Kg

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10061-02-6	t-1,3-Dichloropropene	500	U	65.0	500	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	500	U	62.0	500	ug/Kg
79-00-5	1,1,2-Trichloroethane	500	U	92.0	500	ug/Kg
591-78-6	2-Hexanone	2500	U	370	2500	ug/Kg
124-48-1	Dibromochloromethane	500	U	87.0	500	ug/Kg
106-93-4	1,2-Dibromoethane	500	U	88.0	500	ug/Kg
127-18-4	Tetrachloroethene	500	U	110	500	ug/Kg
108-90-7	Chlorobenzene	500	U	91.0	500	ug/Kg
100-41-4	Ethyl Benzene	500	U	67.0	500	ug/Kg
179601-23-1	m/p-Xylenes	1000	U	120	1000	ug/Kg
95-47-6	o-Xylene	500	U	82.0	500	ug/Kg
100-42-5	Styrene	500	U	71.0	500	ug/Kg
75-25-2	Bromoform	500	U	86.0	500	ug/Kg
98-82-8	Isopropylbenzene	500	U	78.0	500	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	500	U	120	500	ug/Kg
541-73-1	1,3-Dichlorobenzene	500	U	170	500	ug/Kg
106-46-7	1,4-Dichlorobenzene	500	U	160	500	ug/Kg
95-50-1	1,2-Dichlorobenzene	500	U	150	500	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	500	U	180	500	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	500	U	300	500	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	500	U	320	500	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	52.1		63 - 155	104%	SPK: 50
1868-53-7	Dibromofluoromethane	52.0		70 - 134	104%	SPK: 50
2037-26-5	Toluene-d8	51.1		74 - 123	102%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.4		38 - 136	101%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	58900	5.544			
540-36-3	1,4-Difluorobenzene	112000	6.757			
3114-55-4	Chlorobenzene-d5	105000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	40600	12.018			

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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