

LAB CHRONICLE

OrderID:	Q3155	OrderDate:	9/19/2025 1:05:00 PM
Client:	Kleinfelder	Project:	Tanner G. Duckrey Public School
Contact:	Mark Warchol	Location:	D41,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3155-04	TB	Water	VOC-TCLVOA-10	8260D	09/18/25		09/24/25	09/19/25



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

Hit Summary Sheet
SW-846

SDG No.: Q3155
Client: Kleinfelder

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID:				0				
Total Voc :								
Total Concentration:								



SAMPLE DATA

Report of Analysis

Client:	Kleinfelder	Date Collected:	09/18/25
Project:	Tanner G. Duckrey Public School	Date Received:	09/19/25
Client Sample ID:	TB	SDG No.:	Q3155
Lab Sample ID:	Q3155-04	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087939.D	1	09/24/25 11:25	VN092425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.22	U	0.22	5.00	ug/L
74-87-3	Chloromethane	0.32	U	0.32	5.00	ug/L
75-01-4	Vinyl Chloride	0.26	U	0.26	5.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.47	U	0.47	5.00	ug/L
75-69-4	Trichlorofluoromethane	0.33	U	0.33	5.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	0.25	5.00	ug/L
75-35-4	1,1-Dichloroethene	0.23	U	0.23	5.00	ug/L
67-64-1	Acetone	1.50	U	1.50	25.0	ug/L
75-15-0	Carbon Disulfide	0.21	U	0.21	5.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.16	U	0.16	5.00	ug/L
79-20-9	Methyl Acetate	0.27	U	0.27	5.00	ug/L
75-09-2	Methylene Chloride	0.28	U	0.28	5.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.23	U	0.23	5.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	5.00	ug/L
110-82-7	Cyclohexane	1.50	U	1.50	5.00	ug/L
78-93-3	2-Butanone	0.98	U	0.98	25.0	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	5.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.19	U	0.19	5.00	ug/L
74-97-5	Bromochloromethane	0.22	U	0.22	5.00	ug/L
67-66-3	Chloroform	0.25	U	0.25	5.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.20	U	0.20	5.00	ug/L
108-87-2	Methylcyclohexane	0.16	U	0.16	5.00	ug/L
71-43-2	Benzene	0.15	U	0.15	5.00	ug/L
107-06-2	1,2-Dichloroethane	0.22	U	0.22	5.00	ug/L
79-01-6	Trichloroethene	0.090	U	0.090	5.00	ug/L
78-87-5	1,2-Dichloropropane	0.20	U	0.20	5.00	ug/L
75-27-4	Bromodichloromethane	0.22	U	0.22	5.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.68	U	0.68	25.0	ug/L
108-88-3	Toluene	0.14	U	0.14	5.00	ug/L

Report of Analysis

Client:	Kleinfelder	Date Collected:	09/18/25
Project:	Tanner G. Duckrey Public School	Date Received:	09/19/25
Client Sample ID:	TB	SDG No.:	Q3155
Lab Sample ID:	Q3155-04	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087939.D	1	09/24/25 11:25	VN092425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.17	U	0.17	5.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.16	U	0.16	5.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	5.00	ug/L
591-78-6	2-Hexanone	0.89	U	0.89	25.0	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	5.00	ug/L
106-93-4	1,2-Dibromoethane	0.15	U	0.15	5.00	ug/L
127-18-4	Tetrachloroethene	0.23	U	0.23	5.00	ug/L
108-90-7	Chlorobenzene	0.12	U	0.12	5.00	ug/L
100-41-4	Ethyl Benzene	0.13	U	0.13	5.00	ug/L
179601-23-1	m/p-Xylenes	0.24	U	0.24	10.0	ug/L
95-47-6	o-Xylene	0.12	U	0.12	5.00	ug/L
100-42-5	Styrene	0.15	U	0.15	5.00	ug/L
75-25-2	Bromoform	0.19	U	0.19	5.00	ug/L
98-82-8	Isopropylbenzene	0.12	U	0.12	5.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	0.26	5.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.16	UQ	0.16	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.19	UQ	0.19	5.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.16	U	0.16	5.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	UQ	0.53	5.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.20	U	0.20	5.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.20	U	0.20	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	57.4		74 - 125	115%	SPK: 50
1868-53-7	Dibromofluoromethane	52.7		75 - 124	105%	SPK: 50
2037-26-5	Toluene-d8	49.7		86 - 113	99%	SPK: 50
460-00-4	4-Bromofluorobenzene	45.3		77 - 121	91%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	175000	8.206			
540-36-3	1,4-Difluorobenzene	380000	9.082			
3114-55-4	Chlorobenzene-d5	371000	11.847			
3855-82-1	1,4-Dichlorobenzene-d4	174000	13.77			

Report of Analysis

Client:	Kleinfelder	Date Collected:	09/18/25
Project:	Tanner G. Duckrey Public School	Date Received:	09/19/25
Client Sample ID:	TB	SDG No.:	Q3155
Lab Sample ID:	Q3155-04	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5	Units:	mL
Soil Aliquot Vol:			uL
GC Column:	RXI-624	ID :	0.25
Prep Method :		Level :	LOW
		Final Vol:	5000
		Test:	VOC-TCLVOA-10

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087939.D	1	09/24/25 11:25	VN092425

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



QC SUMMARY

Surrogate Summary

SDG No.: Q3155

Client: Kleinfelder

Analytical Method: SW8260D

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%)	
							Low	High
Q3155-04	TB	1,2-Dichloroethane-d4	50	57.4	115		74	125
		Dibromofluoromethane	50	52.7	105		75	124
		Toluene-d8	50	49.7	99		86	113
		4-Bromofluorobenzene	50	45.3	91		77	121
VN0924WBL01	VN0924WBL01	1,2-Dichloroethane-d4	50	54.7	109		74	125
		Dibromofluoromethane	50	50.0	100		75	124
		Toluene-d8	50	49.3	99		86	113
		4-Bromofluorobenzene	50	46.5	93		77	121
VN0924WBS01	VN0924WBS01	1,2-Dichloroethane-d4	50	53.6	107		74	125
		Dibromofluoromethane	50	49.8	100		75	124
		Toluene-d8	50	49.1	98		86	113
		4-Bromofluorobenzene	50	50.0	100		77	121
VN0924WBSD0	VN0924WBSD01	1,2-Dichloroethane-d4	50	49.3	99		74	125
		Dibromofluoromethane	50	50.4	101		75	124
		Toluene-d8	50	50.0	100		86	113
		4-Bromofluorobenzene	50	49.6	99		77	121

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SDG No.:	<u>Q3155</u>	SW-846	Analytical Method:	<u>SW8260D</u>
Client:	<u>Kleinfelder</u>	Datafile :	<u>VN087936.D</u>	

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VN0924WBS01	Dichlorodifluoromethane	20	20.6	ug/L	103			69	116	
	Chloromethane	20	19.4	ug/L	97			65	116	
	Vinyl chloride	20	19.6	ug/L	98			65	117	
	Bromomethane	20	20.3	ug/L	102			58	125	
	Chloroethane	20	20.4	ug/L	102			56	128	
	Trichlorofluoromethane	20	19.4	ug/L	97			73	115	
	1,1,2-Trichlorotrifluoroethane	20	20.1	ug/L	101			80	112	
	1,1-Dichloroethene	20	20.0	ug/L	100			74	110	
	Acetone	100	110	ug/L	110			60	125	
	Carbon disulfide	20	19.5	ug/L	98			64	112	
	Methyl tert-butyl Ether	20	19.8	ug/L	99			78	114	
	Methyl Acetate	20	21.6	ug/L	108			67	125	
	Methylene Chloride	20	20.6	ug/L	103			72	114	
	trans-1,2-Dichloroethene	20	19.3	ug/L	97			75	108	
	1,1-Dichloroethane	20	20.6	ug/L	103			78	112	
	Cyclohexane	20	19.8	ug/L	99			75	110	
	2-Butanone	100	100	ug/L	100			65	122	
	Carbon Tetrachloride	20	19.0	ug/L	95			77	113	
	cis-1,2-Dichloroethene	20	20.4	ug/L	102			77	110	
	Bromochloromethane	20	17.9	ug/L	90			70	124	
	Chloroform	20	20.5	ug/L	103			79	113	
	1,1,1-Trichloroethane	20	20.2	ug/L	101			80	108	
	Methylcyclohexane	20	18.4	ug/L	92			72	115	
	Benzene	20	19.8	ug/L	99			82	109	
	1,2-Dichloroethane	20	19.6	ug/L	98			80	115	
	Trichloroethene	20	20.0	ug/L	100			77	113	
	1,2-Dichloropropane	20	19.7	ug/L	99			83	111	
	Bromodichloromethane	20	19.6	ug/L	98			83	110	
	4-Methyl-2-Pentanone	100	100	ug/L	100			74	118	
	Toluene	20	19.7	ug/L	99			82	110	
	t-1,3-Dichloropropene	20	19.0	ug/L	95			79	110	
	cis-1,3-Dichloropropene	20	19.7	ug/L	99			82	110	
	1,1,2-Trichloroethane	20	20.4	ug/L	102			83	112	
	2-Hexanone	100	94.6	ug/L	95			73	117	
	Dibromochloromethane	20	19.5	ug/L	98			82	110	
	1,2-Dibromoethane	20	20.0	ug/L	100			81	110	
	Tetrachloroethene	20	18.1	ug/L	91			67	123	
	Chlorobenzene	20	19.6	ug/L	98			82	109	
	Ethyl Benzene	20	18.8	ug/L	94			83	109	
	m/p-Xylenes	40	38.4	ug/L	96			82	110	
	o-Xylene	20	18.7	ug/L	94			83	109	
	Styrene	20	19.2	ug/L	96			80	111	
	Bromoform	20	19.2	ug/L	96			79	109	
	Isopropylbenzene	20	18.5	ug/L	93			83	112	
	1,1,2,2-Tetrachloroethane	20	19.6	ug/L	98			76	118	
	1,3-Dichlorobenzene	20	19.5	ug/L	98			82	108	
	1,4-Dichlorobenzene	20	19.4	ug/L	97			82	107	
	1,2-Dichlorobenzene	20	19.5	ug/L	98			82	109	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	<u>Q3155</u>	Analytical Method:	<u>SW8260D</u>
Client:	<u>Kleinfelder</u>	Datafile :	<u>VN087936.D</u>

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits	RPD
									High	
VN0924WBS01	1,2-Dibromo-3-Chloropropane	20	19.2	ug/L	96			68	112	
	1,2,4-Trichlorobenzene	20	19.3	ug/L	97			75	113	
	1,2,3-Trichlorobenzene	20	19.2	ug/L	96			76	114	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SDG No.:	Q3155	SW-846	Analytical Method:	SW8260D
Client:	Kleinfelder	Datafile :	VN087937.D	

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VN0924WBSD01	Dichlorodifluoromethane	20	21.6	ug/L	108	5		69	116	19
	Chloromethane	20	19.3	ug/L	97	0		65	116	21
	Vinyl chloride	20	20.4	ug/L	102	4		65	117	19
	Bromomethane	20	20.6	ug/L	103	1		58	125	20
	Chloroethane	20	21.3	ug/L	106	4		56	128	20
	Trichlorofluoromethane	20	20.9	ug/L	104	7		73	115	16
	1,1,2-Trichlorotrifluoroethane	20	22.3	ug/L	112	10		80	112	15
	1,1-Dichloroethene	20	21.4	ug/L	107	7		74	110	20
	Acetone	100	100	ug/L	100	10		60	125	20
	Carbon disulfide	20	20.5	ug/L	103	5		64	112	20
	Methyl tert-butyl Ether	20	20.3	ug/L	102	3		78	114	20
	Methyl Acetate	20	22.2	ug/L	111	3		67	125	20
	Methylene Chloride	20	20.6	ug/L	103	0		72	114	20
	trans-1,2-Dichloroethene	20	19.7	ug/L	99	2		75	108	16
	1,1-Dichloroethane	20	20.1	ug/L	101	2		78	112	20
	Cyclohexane	20	20.3	ug/L	102	3		75	110	20
	2-Butanone	100	110	ug/L	110	10		65	122	26
	Carbon Tetrachloride	20	21.5	ug/L	108	13		77	113	15
	cis-1,2-Dichloroethene	20	19.8	ug/L	99	3		77	110	20
	Bromochloromethane	20	18.3	ug/L	92	2		70	124	20
	Chloroform	20	20.6	ug/L	103	0		79	113	20
	1,1,1-Trichloroethane	20	20.2	ug/L	101	0		80	108	20
	Methylcyclohexane	20	22.1	ug/L	111	19		72	115	20
	Benzene	20	20.7	ug/L	104	5		82	109	15
	1,2-Dichloroethane	20	21.1	ug/L	106	8		80	115	20
	Trichloroethene	20	20.3	ug/L	102	2		77	113	15
	1,2-Dichloropropane	20	20.9	ug/L	104	5		83	111	16
	Bromodichloromethane	20	21.2	ug/L	106	8		83	110	16
	4-Methyl-2-Pentanone	100	110	ug/L	110	10		74	118	25
	Toluene	20	21.1	ug/L	106	7		82	110	16
	t-1,3-Dichloropropene	20	20.5	ug/L	103	8		79	110	20
	cis-1,3-Dichloropropene	20	20.7	ug/L	104	5		82	110	16
	1,1,2-Trichloroethane	20	21.1	ug/L	106	4		83	112	20
	2-Hexanone	100	100	ug/L	100	5		73	117	25
	Dibromochloromethane	20	21.3	ug/L	106	8		82	110	20
	1,2-Dibromoethane	20	20.9	ug/L	104	4		81	110	20
	Tetrachloroethene	20	20.6	ug/L	103	12		67	123	15
	Chlorobenzene	20	21.0	ug/L	105	7		82	109	15
	Ethyl Benzene	20	20.6	ug/L	103	9		83	109	16
	m/p-Xylenes	40	41.8	ug/L	104	8		82	110	15
	o-Xylene	20	20.1	ug/L	101	7		83	109	20
	Styrene	20	20.2	ug/L	101	5		80	111	17
	Bromoform	20	21.0	ug/L	105	9		79	109	20
	Isopropylbenzene	20	22.2	ug/L	111	18		83	112	29
	1,1,2,2-Tetrachloroethane	20	23.2	ug/L	116	17		76	118	20
	1,3-Dichlorobenzene	20	21.9	ug/L	110	12	*	82	108	20
	1,4-Dichlorobenzene	20	21.5	ug/L	108	11	*	82	107	15
	1,2-Dichlorobenzene	20	21.4	ug/L	107	9		82	109	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	<u>Q3155</u>	Analytical Method:	<u>SW8260D</u>
Client:	<u>Kleinfelder</u>	Datafile :	<u>VN087937.D</u>

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VN0924WBSD01	1,2-Dibromo-3-Chloropropane	20	23.2	ug/L	116	19	*	68	112	20
	1,2,4-Trichlorobenzene	20	21.7	ug/L	109	12		75	113	29
	1,2,3-Trichlorobenzene	20	20.7	ug/L	104	8		76	114	29

VOLATILE METHOD BLANK SUMMARY

Client ID

VN0924WBL01

Lab Name: Alliance

Contract: POWE02

Lab Code: ACE

SDG NO.: Q3155

Lab File ID: VN087935.D

Lab Sample ID: VN0924WBL01

Date Analyzed: 09/24/2025

Time Analyzed: 09:47

GC Column: RXI-624 ID: 0.25 (mm)

Heated Purge: (Y/N) N

Instrument ID: MSVOA_N

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VN0924WBS01	VN0924WBS01	VN087936.D	09/24/2025
VN0924WBSD01	VN0924WBSD01	VN087937.D	09/24/2025
TB	Q3155-04	VN087939.D	09/24/2025

COMMENTS: _____

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance

Contract: POWE02

Lab Code: ACE

SDG NO.: Q3155

Lab File ID: VN087922.D

BFB Injection Date: 09/23/2025

Instrument ID: MSVOA_N

BFB Injection Time: 08:31

GC Column: RXI-624 ID: 0.25 (mm)

Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	21.1
75	30.0 - 60.0% of mass 95	55.8
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	7.1
173	Less than 2.0% of mass 174	1.2 (1.6) 1
174	50.0 - 100.0% of mass 95	75.3
175	5.0 - 9.0% of mass 174	6.2 (8.3) 1
176	95.0 - 101.0% of mass 174	74.2 (98.4) 1
177	5.0 - 9.0% of mass 176	4.4 (6) 2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDIC005	VSTDIC005	VN087924.D	09/23/2025	09:33
VSTDIC050	VSTDIC050	VN087926.D	09/23/2025	10:15
VSTDIC100	VSTDIC100	VN087927.D	09/23/2025	10:36
VSTDIC150	VSTDIC150	VN087928.D	09/23/2025	10:56
VSTDIC020	VSTDIC020	VN087930.D	09/23/2025	11:47

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance

Contract: POWE02

Lab Code: ACE

SDG NO.: Q3155

Lab File ID: VN087932.D

BFB Injection Date: 09/24/2025

Instrument ID: MSVOA_N

BFB Injection Time: 07:41

GC Column: RXI-624 ID: 0.25 (mm)

Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	20.9
75	30.0 - 60.0% of mass 95	54.2
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.7
173	Less than 2.0% of mass 174	1.1 (1.4) 1
174	50.0 - 100.0% of mass 95	74.1
175	5.0 - 9.0% of mass 174	6.2 (8.4) 1
176	95.0 - 101.0% of mass 174	73.4 (99.1) 1
177	5.0 - 9.0% of mass 176	4.9 (6.7) 2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VN087933.D	09/24/2025	08:27
VN0924WBL01	VN0924WBL01	VN087935.D	09/24/2025	09:47
VN0924WBS01	VN0924WBS01	VN087936.D	09/24/2025	10:08
VN0924WBSD01	VN0924WBSD01	VN087937.D	09/24/2025	10:42
TB	Q3155-04	VN087939.D	09/24/2025	11:25

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: POWE02
Lab Code: ACE SDG NO.: Q3155
Lab File ID: VN087933.D Date Analyzed: 09/24/2025
Instrument ID: MSVOA_N Time Analyzed: 08:27
GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	248830	8.21	449654	9.08	427717	11.85
UPPER LIMIT	497660	8.706	899308	9.582	855434	12.347
LOWER LIMIT	124415	7.706	224827	8.582	213859	11.347
EPA SAMPLE NO.						
TB	174992	8.21	380143	9.08	371356	11.85
VN0924WBL01	194391	8.21	423678	9.08	397836	11.84
VN0924WBS01	214330	8.21	404775	9.08	389038	11.85
VN0924WBSD01	242602	8.21	429972	9.08	407713	11.85

IS1 = Pentafluorobenzene
IS2 = 1,4-Difluorobenzene
IS3 = Chlorobenzene-d5

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name:	<u>Alliance</u>	Contract:	<u>POWE02</u>
Lab Code:	<u>ACE</u>	SDG NO.:	<u>Q3155</u>
Lab File ID:	<u>VN087933.D</u>	Date Analyzed:	<u>09/24/2025</u>
Instrument ID:	<u>MSVOA_N</u>	Time Analyzed:	<u>08:27</u>
GC Column:	<u>RXI-624</u>	ID:	<u>0.25</u> (mm)
		Heated Purge:	(Y/N) <u>N</u>

	IS4 AREA #	RT #				
12 HOUR STD	229002	13.77				
UPPER LIMIT	458004	14.27				
LOWER LIMIT	114501	13.27				
EPA SAMPLE NO.						
TB	173790	13.77				
VN0924WBL01	185471	13.77				
VN0924WBS01	206895	13.77				
VN0924WBSD01	206436	13.77				

IS4 = 1,4-Dichlorobenzene-d4

AREA UPPER LIMIT = +100% of internal standard area
 AREA LOWER LIMIT = -50% of internal standard area
 RT UPPER LIMIT = +0.50 minutes of internal standard RT
 RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
 * Values outside of QC limits.



QC SAMPLE DATA

Report of Analysis

Client:	Kleinfelder	Date Collected:	
Project:	Tanner G. Duckrey Public School	Date Received:	
Client Sample ID:	VN0924WBL01	SDG No.:	Q3155
Lab Sample ID:	VN0924WBL01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087935.D	1	09/24/25 09:47	VN092425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.22	U	0.22	5.00	ug/L
74-87-3	Chloromethane	0.32	U	0.32	5.00	ug/L
75-01-4	Vinyl Chloride	0.26	U	0.26	5.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.47	U	0.47	5.00	ug/L
75-69-4	Trichlorofluoromethane	0.33	U	0.33	5.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	0.25	5.00	ug/L
75-35-4	1,1-Dichloroethene	0.23	U	0.23	5.00	ug/L
67-64-1	Acetone	1.50	U	1.50	25.0	ug/L
75-15-0	Carbon Disulfide	0.21	U	0.21	5.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.16	U	0.16	5.00	ug/L
79-20-9	Methyl Acetate	0.27	U	0.27	5.00	ug/L
75-09-2	Methylene Chloride	0.28	U	0.28	5.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.23	U	0.23	5.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	5.00	ug/L
110-82-7	Cyclohexane	1.50	U	1.50	5.00	ug/L
78-93-3	2-Butanone	0.98	U	0.98	25.0	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	5.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.19	U	0.19	5.00	ug/L
74-97-5	Bromochloromethane	0.22	U	0.22	5.00	ug/L
67-66-3	Chloroform	0.25	U	0.25	5.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.20	U	0.20	5.00	ug/L
108-87-2	Methylcyclohexane	0.16	U	0.16	5.00	ug/L
71-43-2	Benzene	0.15	U	0.15	5.00	ug/L
107-06-2	1,2-Dichloroethane	0.22	U	0.22	5.00	ug/L
79-01-6	Trichloroethene	0.090	U	0.090	5.00	ug/L
78-87-5	1,2-Dichloropropane	0.20	U	0.20	5.00	ug/L
75-27-4	Bromodichloromethane	0.22	U	0.22	5.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.68	U	0.68	25.0	ug/L
108-88-3	Toluene	0.14	U	0.14	5.00	ug/L

Report of Analysis

Client:	Kleinfelder		Date Collected:	
Project:	Tanner G. Duckrey Public School		Date Received:	
Client Sample ID:	VN0924WBL01		SDG No.:	Q3155
Lab Sample ID:	VN0924WBL01		Matrix:	Water
Analytical Method:	8260D		% Solid:	0
Sample Wt/Vol:	5	Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:		uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624	ID : 0.25	Level :	LOW
Prep Method :				

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087935.D	1	09/24/25 09:47	VN092425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.17	U	0.17	5.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.16	U	0.16	5.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	5.00	ug/L
591-78-6	2-Hexanone	0.89	U	0.89	25.0	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	5.00	ug/L
106-93-4	1,2-Dibromoethane	0.15	U	0.15	5.00	ug/L
127-18-4	Tetrachloroethene	0.23	U	0.23	5.00	ug/L
108-90-7	Chlorobenzene	0.12	U	0.12	5.00	ug/L
100-41-4	Ethyl Benzene	0.13	U	0.13	5.00	ug/L
179601-23-1	m/p-Xylenes	0.24	U	0.24	10.0	ug/L
95-47-6	o-Xylene	0.12	U	0.12	5.00	ug/L
100-42-5	Styrene	0.15	U	0.15	5.00	ug/L
75-25-2	Bromoform	0.19	U	0.19	5.00	ug/L
98-82-8	Isopropylbenzene	0.12	U	0.12	5.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	0.26	5.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.16	U	0.16	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.19	U	0.19	5.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.16	U	0.16	5.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	0.53	5.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.20	U	0.20	5.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.20	U	0.20	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	54.7		74 - 125	109%	SPK: 50
1868-53-7	Dibromofluoromethane	50.0		75 - 124	100%	SPK: 50
2037-26-5	Toluene-d8	49.3		86 - 113	99%	SPK: 50
460-00-4	4-Bromofluorobenzene	46.5		77 - 121	93%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	194000	8.206			
540-36-3	1,4-Difluorobenzene	424000	9.083			
3114-55-4	Chlorobenzene-d5	398000	11.841			
3855-82-1	1,4-Dichlorobenzene-d4	185000	13.771			

Report of Analysis

Client:	Kleinfelder	Date Collected:	
Project:	Tanner G. Duckrey Public School	Date Received:	
Client Sample ID:	VN0924WBL01	SDG No.:	Q3155
Lab Sample ID:	VN0924WBL01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5	Units:	mL
Soil Aliquot Vol:			uL
GC Column:	RXI-624	ID :	0.25
Prep Method :		Level :	LOW
		Final Vol:	5000
		Test:	VOC-TCLVOA-10

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087935.D	1	09/24/25 09:47	VN092425

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:	Kleinfelder	Date Collected:	
Project:	Tanner G. Duckrey Public School	Date Received:	
Client Sample ID:	VN0924WBS01	SDG No.:	Q3155
Lab Sample ID:	VN0924WBS01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087936.D	1	09/24/25 10:08	VN092425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	20.6		0.22	5.00	ug/L
74-87-3	Chloromethane	19.4		0.32	5.00	ug/L
75-01-4	Vinyl Chloride	19.6		0.26	5.00	ug/L
74-83-9	Bromomethane	20.3		1.40	5.00	ug/L
75-00-3	Chloroethane	20.4		0.47	5.00	ug/L
75-69-4	Trichlorofluoromethane	19.4		0.33	5.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	20.1		0.25	5.00	ug/L
75-35-4	1,1-Dichloroethene	20.0		0.23	5.00	ug/L
67-64-1	Acetone	110		1.50	25.0	ug/L
75-15-0	Carbon Disulfide	19.5		0.21	5.00	ug/L
1634-04-4	Methyl tert-butyl Ether	19.8		0.16	5.00	ug/L
79-20-9	Methyl Acetate	21.6		0.27	5.00	ug/L
75-09-2	Methylene Chloride	20.6		0.28	5.00	ug/L
156-60-5	trans-1,2-Dichloroethene	19.3		0.23	5.00	ug/L
75-34-3	1,1-Dichloroethane	20.6		0.23	5.00	ug/L
110-82-7	Cyclohexane	19.8		1.50	5.00	ug/L
78-93-3	2-Butanone	100		0.98	25.0	ug/L
56-23-5	Carbon Tetrachloride	19.0		0.25	5.00	ug/L
156-59-2	cis-1,2-Dichloroethene	20.4		0.19	5.00	ug/L
74-97-5	Bromochloromethane	17.9		0.22	5.00	ug/L
67-66-3	Chloroform	20.5		0.25	5.00	ug/L
71-55-6	1,1,1-Trichloroethane	20.2		0.20	5.00	ug/L
108-87-2	Methylcyclohexane	18.4		0.16	5.00	ug/L
71-43-2	Benzene	19.8		0.15	5.00	ug/L
107-06-2	1,2-Dichloroethane	19.6		0.22	5.00	ug/L
79-01-6	Trichloroethene	20.0		0.090	5.00	ug/L
78-87-5	1,2-Dichloropropane	19.7		0.20	5.00	ug/L
75-27-4	Bromodichloromethane	19.6		0.22	5.00	ug/L
108-10-1	4-Methyl-2-Pentanone	100		0.68	25.0	ug/L
108-88-3	Toluene	19.7		0.14	5.00	ug/L

Report of Analysis

Client:	Kleinfelder		Date Collected:	
Project:	Tanner G. Duckrey Public School		Date Received:	
Client Sample ID:	VN0924WBS01		SDG No.:	Q3155
Lab Sample ID:	VN0924WBS01		Matrix:	Water
Analytical Method:	8260D		% Solid:	0
Sample Wt/Vol:	5	Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:		uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624	ID : 0.25	Level :	LOW
Prep Method :				

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087936.D	1	09/24/25 10:08	VN092425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	19.0		0.17	5.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	19.7		0.16	5.00	ug/L
79-00-5	1,1,2-Trichloroethane	20.4		0.21	5.00	ug/L
591-78-6	2-Hexanone	94.6		0.89	25.0	ug/L
124-48-1	Dibromochloromethane	19.5		0.18	5.00	ug/L
106-93-4	1,2-Dibromoethane	20.0		0.15	5.00	ug/L
127-18-4	Tetrachloroethene	18.1		0.23	5.00	ug/L
108-90-7	Chlorobenzene	19.6		0.12	5.00	ug/L
100-41-4	Ethyl Benzene	18.8		0.13	5.00	ug/L
179601-23-1	m/p-Xylenes	38.4		0.24	10.0	ug/L
95-47-6	o-Xylene	18.7		0.12	5.00	ug/L
100-42-5	Styrene	19.2		0.15	5.00	ug/L
75-25-2	Bromoform	19.2		0.19	5.00	ug/L
98-82-8	Isopropylbenzene	18.5		0.12	5.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	19.6		0.26	5.00	ug/L
541-73-1	1,3-Dichlorobenzene	19.5		0.16	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	19.4		0.19	5.00	ug/L
95-50-1	1,2-Dichlorobenzene	19.5		0.16	5.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	19.2		0.53	5.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	19.3		0.20	5.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	19.2		0.20	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	53.7		74 - 125	107%	SPK: 50
1868-53-7	Dibromofluoromethane	49.8		75 - 124	100%	SPK: 50
2037-26-5	Toluene-d8	49.1		86 - 113	98%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.0		77 - 121	100%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	214000	8.206			
540-36-3	1,4-Difluorobenzene	405000	9.083			
3114-55-4	Chlorobenzene-d5	389000	11.847			
3855-82-1	1,4-Dichlorobenzene-d4	207000	13.771			

Report of Analysis

Client:	Kleinfelder	Date Collected:	
Project:	Tanner G. Duckrey Public School	Date Received:	
Client Sample ID:	VN0924WBS01	SDG No.:	Q3155
Lab Sample ID:	VN0924WBS01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5	Units:	mL
Soil Aliquot Vol:			uL
GC Column:	RXI-624	ID :	0.25
Prep Method :		Level :	LOW
		Final Vol:	5000 uL
		Test:	VOC-TCLVOA-10

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087936.D	1	09/24/25 10:08	VN092425

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:	Kleinfelder	Date Collected:	
Project:	Tanner G. Duckrey Public School	Date Received:	
Client Sample ID:	VN0924WBSD01	SDG No.:	Q3155
Lab Sample ID:	VN0924WBSD01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087937.D	1	09/24/25 10:42	VN092425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	21.6		0.22	5.00	ug/L
74-87-3	Chloromethane	19.3		0.32	5.00	ug/L
75-01-4	Vinyl Chloride	20.4		0.26	5.00	ug/L
74-83-9	Bromomethane	20.6		1.40	5.00	ug/L
75-00-3	Chloroethane	21.3		0.47	5.00	ug/L
75-69-4	Trichlorofluoromethane	20.9		0.33	5.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	22.3		0.25	5.00	ug/L
75-35-4	1,1-Dichloroethene	21.4		0.23	5.00	ug/L
67-64-1	Acetone	100		1.50	25.0	ug/L
75-15-0	Carbon Disulfide	20.5		0.21	5.00	ug/L
1634-04-4	Methyl tert-butyl Ether	20.3		0.16	5.00	ug/L
79-20-9	Methyl Acetate	22.2		0.27	5.00	ug/L
75-09-2	Methylene Chloride	20.6		0.28	5.00	ug/L
156-60-5	trans-1,2-Dichloroethene	19.7		0.23	5.00	ug/L
75-34-3	1,1-Dichloroethane	20.1		0.23	5.00	ug/L
110-82-7	Cyclohexane	20.3		1.50	5.00	ug/L
78-93-3	2-Butanone	110		0.98	25.0	ug/L
56-23-5	Carbon Tetrachloride	21.5		0.25	5.00	ug/L
156-59-2	cis-1,2-Dichloroethene	19.8		0.19	5.00	ug/L
74-97-5	Bromochloromethane	18.3		0.22	5.00	ug/L
67-66-3	Chloroform	20.6		0.25	5.00	ug/L
71-55-6	1,1,1-Trichloroethane	20.2		0.20	5.00	ug/L
108-87-2	Methylcyclohexane	22.1		0.16	5.00	ug/L
71-43-2	Benzene	20.7		0.15	5.00	ug/L
107-06-2	1,2-Dichloroethane	21.1		0.22	5.00	ug/L
79-01-6	Trichloroethene	20.3		0.090	5.00	ug/L
78-87-5	1,2-Dichloropropane	20.9		0.20	5.00	ug/L
75-27-4	Bromodichloromethane	21.2		0.22	5.00	ug/L
108-10-1	4-Methyl-2-Pentanone	110		0.68	25.0	ug/L
108-88-3	Toluene	21.1		0.14	5.00	ug/L

Report of Analysis

Client:	Kleinfelder		Date Collected:	
Project:	Tanner G. Duckrey Public School		Date Received:	
Client Sample ID:	VN0924WBSD01		SDG No.:	Q3155
Lab Sample ID:	VN0924WBSD01		Matrix:	Water
Analytical Method:	8260D		% Solid:	0
Sample Wt/Vol:	5	Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:		uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624	ID : 0.25	Level :	LOW
Prep Method :				

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087937.D	1	09/24/25 10:42	VN092425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	20.5		0.17	5.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	20.7		0.16	5.00	ug/L
79-00-5	1,1,2-Trichloroethane	21.1		0.21	5.00	ug/L
591-78-6	2-Hexanone	100		0.89	25.0	ug/L
124-48-1	Dibromochloromethane	21.3		0.18	5.00	ug/L
106-93-4	1,2-Dibromoethane	20.9		0.15	5.00	ug/L
127-18-4	Tetrachloroethene	20.6		0.23	5.00	ug/L
108-90-7	Chlorobenzene	21.0		0.12	5.00	ug/L
100-41-4	Ethyl Benzene	20.6		0.13	5.00	ug/L
179601-23-1	m/p-Xylenes	41.8		0.24	10.0	ug/L
95-47-6	o-Xylene	20.1		0.12	5.00	ug/L
100-42-5	Styrene	20.2		0.15	5.00	ug/L
75-25-2	Bromoform	21.0		0.19	5.00	ug/L
98-82-8	Isopropylbenzene	22.2		0.12	5.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	23.2		0.26	5.00	ug/L
541-73-1	1,3-Dichlorobenzene	21.9		0.16	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	21.5		0.19	5.00	ug/L
95-50-1	1,2-Dichlorobenzene	21.4		0.16	5.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	23.2		0.53	5.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	21.7		0.20	5.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	20.7		0.20	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	49.3		74 - 125	99%	SPK: 50
1868-53-7	Dibromofluoromethane	50.3		75 - 124	101%	SPK: 50
2037-26-5	Toluene-d8	49.9		86 - 113	100%	SPK: 50
460-00-4	4-Bromofluorobenzene	49.6		77 - 121	99%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	243000	8.206			
540-36-3	1,4-Difluorobenzene	430000	9.083			
3114-55-4	Chlorobenzene-d5	408000	11.847			
3855-82-1	1,4-Dichlorobenzene-d4	206000	13.77			

Report of Analysis

Client:	Kleinfelder	Date Collected:	
Project:	Tanner G. Duckrey Public School	Date Received:	
Client Sample ID:	VN0924WBSD01	SDG No.:	Q3155
Lab Sample ID:	VN0924WBSD01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5	Units:	mL
Soil Aliquot Vol:			uL
GC Column:	RXI-624	ID :	0.25
Prep Method :		Level :	LOW
		Final Vol:	5000
		Test:	VOC-TCLVOA-10

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087937.D	1	09/24/25 10:42	VN092425

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



CALIBRATION SUMMARY

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: <u>Alliance</u>	Contract: <u>POWE02</u>
Lab Code: <u>ACE</u>	SDG No.: <u>Q3155</u>
Instrument ID: <u>MSVOA_N</u>	Calibration Date(s): <u>09/23/2025</u> <u>09/23/2025</u>
Heated Purge: (Y/N) <u>N</u>	Calibration Time(s): <u>09:33</u> <u>11:47</u>
GC Column: <u>RXI-624</u> ID: <u>0.25</u> (mm)	

LAB FILE ID: RRF005 = VN087924.D RRF050 = VN087926.D RRF100 = VN087927.D RRF150 = VN087928.D RRF020 = VN087930.D RRF =								
COMPOUND	RRF005	RRF050	RRF100	RRF150	RRF020	RRF	RRF	% RSD
Dichlorodifluoromethane	0.590	0.526	0.505	0.612	0.662		0.579	11
Chloromethane	0.662	0.532	0.497	0.602	0.672		0.593	13.1
Vinyl Chloride	0.656	0.553	0.516	0.613	0.686		0.605	11.7
Bromomethane	0.388	0.320	0.331	0.415	0.422		0.375	12.6
Chloroethane	0.442	0.355	0.337	0.407	0.425		0.393	11.5
Trichlorofluoromethane	1.169	0.883	0.816	0.987	1.068		0.985	14.3
1,1,2-Trichlorotrifluoroethane	0.597	0.475	0.439	0.528	0.563		0.521	12.3
1,1-Dichloroethene	0.591	0.470	0.448	0.539	0.579		0.525	12.2
Acetone	0.417	0.298	0.274	0.326	0.417		0.346	19.4
Carbon Disulfide	1.788	1.485	1.399	1.672	1.862		1.641	12
Methyl tert-butyl Ether	2.047	1.907	1.811	2.256	2.237		2.052	9.6
Methyl Acetate	0.822	0.813	0.767	0.934	0.997		0.866	11
Methylene Chloride	0.871	0.621	0.571	0.680	0.761		0.701	16.9
trans-1,2-Dichloroethene	0.758	0.570	0.542	0.654	0.695		0.644	13.8
1,1-Dichloroethane	1.315	1.057	0.984	1.206	1.268		1.166	12.1
Cyclohexane	1.163	0.827	0.758	0.951	1.020		0.944	16.9
2-Butanone	0.557	0.479	0.453	0.554	0.602		0.529	11.6
Carbon Tetrachloride	0.524	0.461	0.432	0.542	0.545		0.501	10.3
cis-1,2-Dichloroethene	0.852	0.690	0.656	0.804	0.829		0.766	11.5
Bromochloromethane	0.667	0.662	0.598	0.570	0.671		0.634	7.3
Chloroform	1.419	1.145	1.075	1.313	1.424		1.275	12.5
1,1,1-Trichloroethane	1.190	0.958	0.908	1.133	1.197		1.077	12.5
Methylcyclohexane	0.445	0.444	0.435	0.562	0.521		0.482	11.8
Benzene	1.507	1.353	1.258	1.540	1.569		1.445	9.3
1,2-Dichloroethane	0.572	0.484	0.467	0.565	0.609		0.539	11.3
Trichloroethene	0.367	0.315	0.304	0.367	0.374		0.345	9.6
1,2-Dichloropropane	0.391	0.333	0.310	0.377	0.402		0.362	10.9
Bromodichloromethane	0.581	0.521	0.489	0.597	0.616		0.561	9.6
4-Methyl-2-Pentanone	0.532	0.537	0.509	0.614	0.623		0.563	9.2
Toluene	0.897	0.848	0.811	0.998	0.981		0.907	9

* Compounds with required minimum RRF and maximum %RSD values.
All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: <u>Alliance</u>	Contract: <u>POWE02</u>
Lab Code: <u>ACE</u>	SDG No.: <u>Q3155</u>
Instrument ID: <u>MSVOA_N</u>	Calibration Date(s): <u>09/23/2025</u> <u>09/23/2025</u>
Heated Purge: (Y/N) <u>N</u>	Calibration Time(s): <u>09:33</u> <u>11:47</u>
GC Column: <u>RXI-624</u> ID: <u>0.25</u> (mm)	

LAB FILE ID: RRF005 = VN087924.D RRF050 = VN087926.D RRF100 = VN087927.D RRF150 = VN087928.D RRF020 = VN087930.D RRF =								
COMPOUND	RRF005	RRF050	RRF100	RRF150	RRF020	RRF	RRF	% RSD
t-1,3-Dichloropropene	0.556	0.528	0.518	0.650	0.617		0.574	10
cis-1,3-Dichloropropene	0.593	0.544	0.534	0.659	0.651		0.596	9.8
1,1,2-Trichloroethane	0.390	0.339	0.318	0.384	0.413		0.369	10.5
2-Hexanone	0.297	0.369	0.358	0.436	0.402		0.372	14.1
Dibromochloromethane	0.425	0.402	0.391	0.479	0.472		0.434	9.2
1,2-Dibromoethane	0.395	0.362	0.341	0.420	0.435		0.390	10
Tetrachloroethene	0.308	0.279	0.264	0.328	0.345		0.305	11
Chlorobenzene	1.057	0.951	0.940	1.153	1.218		1.064	11.5
Ethyl Benzene	1.650	1.601	1.637	2.022	1.968		1.775	11.4
m/p-Xylenes	0.612	0.637	0.615	0.767	0.765		0.679	11.8
o-Xylene	0.593	0.598	0.601	0.752	0.718		0.652	11.7
Styrene	0.906	1.063	1.061	1.312	1.260		1.120	14.7
Bromoform	0.286	0.285	0.289	0.352	0.344		0.311	10.9
Isopropylbenzene	2.660	2.804	2.859	3.653	3.518		3.099	14.6
1,1,2,2-Tetrachloroethane	1.212	0.979	0.954	1.168	1.269		1.117	12.7
1,3-Dichlorobenzene	1.689	1.403	1.409	1.745	1.798		1.609	11.7
1,4-Dichlorobenzene	1.800	1.413	1.423	1.744	1.888		1.654	13.4
1,2-Dichlorobenzene	1.591	1.357	1.358	1.673	1.776		1.551	12.2
1,2-Dibromo-3-Chloropropane	0.285	0.220	0.221	0.286	0.285		0.259	13.7
1,2,4-Trichlorobenzene	0.867	0.791	0.830	1.099	0.991		0.916	13.9
1,2,3-Trichlorobenzene	0.780	0.783	0.800	1.068	1.020		0.890	15.9
1,2-Dichloroethane-d4	0.852	0.872	0.901	0.877	0.705		0.841	9.3
Dibromofluoromethane	0.376	0.372	0.385	0.376	0.305		0.363	9
Toluene-d8	1.189	1.352	1.429	1.387	1.026		1.277	13.1
4-Bromofluorobenzene	0.432	0.476	0.511	0.496	0.367		0.456	12.8

* Compounds with required minimum RRF and maximum %RSD values.
All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>POWE02</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3155</u>
Instrument ID:	<u>MSVOA_N</u>	Calibration Date/Time:	<u>09/24/2025 08:27</u>
Lab File ID:	<u>VN087933.D</u>	Init. Calib. Date(s):	<u>09/23/2025 09/23/2025</u>
Heated Purge: (Y/N)	<u>N</u>	Init. Calib. Time(s):	<u>09:33 11:47</u>
GC Column:	<u>RXI-624</u>	ID:	<u>0.25</u> (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.579	0.611		5.53	20
Chloromethane	0.593	0.640	0.1	7.93	20
Vinyl Chloride	0.605	0.629		3.97	20
Bromomethane	0.375	0.414		10.4	20
Chloroethane	0.393	0.421		7.13	20
Trichlorofluoromethane	0.985	1.050		6.6	20
1,1,2-Trichlorotrifluoroethane	0.521	0.558		7.1	20
1,1-Dichloroethene	0.525	0.571		8.76	20
Acetone	0.346	0.486		40.46	20
Carbon Disulfide	1.641	1.742		6.16	20
Methyl tert-butyl Ether	2.052	2.312		12.67	20
Methyl Acetate	0.866	1.021		17.9	20
Methylene Chloride	0.701	0.740		5.56	20
trans-1,2-Dichloroethene	0.644	0.687		6.68	20
1,1-Dichloroethane	1.166	1.286	0.1	10.29	20
Cyclohexane	0.944	0.995		5.4	20
2-Butanone	0.529	0.661		24.95	20
Carbon Tetrachloride	0.501	0.553		10.38	20
cis-1,2-Dichloroethene	0.766	0.843		10.05	20
Bromochloromethane	0.634	0.571		-9.94	20
Chloroform	1.275	1.405		10.2	20
1,1,1-Trichloroethane	1.077	1.199		11.33	20
Methylcyclohexane	0.482	0.548		13.69	20
Benzene	1.445	1.639		13.43	20
1,2-Dichloroethane	0.539	0.586		8.72	20
Trichloroethene	0.345	0.383		11.01	20
1,2-Dichloropropane	0.362	0.395		9.12	20
Bromodichloromethane	0.561	0.638		13.73	20
4-Methyl-2-Pentanone	0.563	0.667		18.47	20
Toluene	0.907	1.023		12.79	20
t-1,3-Dichloropropene	0.574	0.665		15.85	20
cis-1,3-Dichloropropene	0.596	0.691		15.94	20
1,1,2-Trichloroethane	0.369	0.409		10.84	20
2-Hexanone	0.372	0.484		30.11	20
Dibromochloromethane	0.434	0.493		13.59	20
1,2-Dibromoethane	0.390	0.433		11.03	20
Tetrachloroethene	0.305	0.331		8.52	20
Chlorobenzene	1.064	1.195	0.3	12.31	20

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>POWE02</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3155</u>
Instrument ID:	<u>MSVOA_N</u>	Calibration Date/Time:	<u>09/24/2025</u> <u>08:27</u>
Lab File ID:	<u>VN087933.D</u>	Init. Calib. Date(s):	<u>09/23/2025</u> <u>09/23/2025</u>
Heated Purge: (Y/N)	<u>N</u>	Init. Calib. Time(s):	<u>09:33</u> <u>11:47</u>
GC Column:	<u>RXI-624</u>	ID:	<u>0.25</u> (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	1.775	2.044		15.15	20
m/p-Xylenes	0.679	0.798		17.53	20
o-Xylene	0.652	0.755		15.8	20
Styrene	1.120	1.317		17.59	20
Bromoform	0.311	0.365	0.1	17.36	20
Isopropylbenzene	3.099	3.630		17.14	20
1,1,2,2-Tetrachloroethane	1.117	1.230	0.3	10.12	20
1,3-Dichlorobenzene	1.609	1.851		15.04	20
1,4-Dichlorobenzene	1.654	1.885		13.97	20
1,2-Dichlorobenzene	1.551	1.733		11.73	20
1,2-Dibromo-3-Chloropropane	0.259	0.278		7.34	20
1,2,4-Trichlorobenzene	0.916	1.048		14.41	20
1,2,3-Trichlorobenzene	0.890	1.040		16.85	20
1,2-Dichloroethane-d4	0.841	0.796		-5.35	20
Dibromofluoromethane	0.363	0.341		-6.06	20
Toluene-d8	1.277	1.189		-6.89	20
4-Bromofluorobenzene	0.456	0.431		-5.48	20

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.