



alpha

Alpha Analytical Laboratories, Inc.

email: clientservices@alpha-labs.com

Corporate: 208 Mason Street | Ukiah, CA 95482 | T: 707-468-0401 | F: 707-468-5267 | ELAP# 1551

22 September 2023

Sample Traps, LLC

Attn: Quality Control Manager

262 Rickenbacker Circle

Livermore, CA 94551

RE: QC- 40ml Clear VOA- HCl

Work Order: 23H3216

Enclosed are the results of analyses for samples received by the laboratory on 08/21/23 12:00. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Chelsea L. Sandelin

Project Manager



Alpha Analytical Laboratories, Inc. email: clientservices@alpha-labs.com
Corporate: 208 Mason Street | Ukiah, CA 95482 | T: 707-468-0401 | F: 707-468-5267 | ELAP# 1551

Sample Traps, LLC
262 Rickenbacker Circle
Livermore CA, 94551

Project Manager: Quality Control Manager
Project: QC- 40ml Clear VOA- HCl
Project Number: Navy Silicone Batch Number CB020

Reported:
09/22/23 08:26

Bay Area: 262 Rickenbacker Circle | Livermore, CA 94551 | 925-828-6226 | ELAP# 2728
Central Valley: 9090 Union Park Way Suite 113 | Elk Grove, CA 95624 | 916-686-5190 | ELAP# 2922
North Bay: 737 Southpoint Blvd Unit D | Petaluma, CA 94954 | 707-769-3128 | ELAP# 2303
San Diego: 2722 Loker Avenue West Suite A | Carlsbad, CA 92010 | 760-930-2555 | ELAP# 3055
Los Angeles: 1230 E. 223rd Street Suite 205 | Carson, CA 90745 | 424-267-5032 | ELAP# 3091

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
B3300CVBS - 01	23H3216-01	Water	08/21/23 00:00	08/21/23 12:00
B3300CVBS - 02	23H3216-02	Water	08/21/23 00:00	08/21/23 12:00



Alpha Analytical Laboratories, Inc. email: clientservices@alpha-labs.com
 Corporate: 208 Mason Street | Ukiah, CA 95482 | T: 707-468-0401 | F: 707-468-5267 | ELAP# 1551

Sample Traps, LLC
 262 Rickenbacker Circle
 Livermore CA, 94551

Project Manager: Quality Control Manager
 Project: QC- 40ml Clear VOA- HCl
 Project Number: Navy Silicone Batch Number CB020

Reported:
 09/22/23 08:26

Volatile Organic Compounds by EPA Method 524.2

Analyte	Result	MDL	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Analyst	ELAP #	Notes
			Limit	Units								
B3300CVBS - 02 (23H3216-02) Water												
Sampled: 08/21/23 00:00 Received: 08/21/23 12:00												
Acetone	ND	2.0	5.0	ug/L	1	AI33354	09/06/23 17:30	09/06/23 20:14	EPA 524.2	AR	1551*	U
Acrylonitrile	ND	0.10	5.0	ug/L	1	AI33354	09/06/23 17:30	09/06/23 20:14	EPA 524.2	AR	1551*	U
Benzene	ND	0.10	0.30	ug/L	1	AI33354	09/06/23 17:30	09/06/23 20:14	EPA 524.2	AR	1551	U
Bromobenzene	ND	0.080	0.50	ug/L	1	AI33354	09/06/23 17:30	09/06/23 20:14	EPA 524.2	AR	1551*	U
Bromochloromethane	ND	0.10	0.50	ug/L	1	AI33354	09/06/23 17:30	09/06/23 20:14	EPA 524.2	AR	1551*	U
Bromodichloromethane	ND	0.20	0.50	ug/L	1	AI33354	09/06/23 17:30	09/06/23 20:14	EPA 524.2	AR	1551	U
Bromoform	ND	0.30	0.50	ug/L	1	AI33354	09/06/23 17:30	09/06/23 20:14	EPA 524.2	AR	1551	U
Bromomethane	ND	0.40	0.50	ug/L	1	AI33354	09/06/23 17:30	09/06/23 20:14	EPA 524.2	AR	1551*	U
n-Butylbenzene	ND	0.20	0.50	ug/L	1	AI33354	09/06/23 17:30	09/06/23 20:14	EPA 524.2	AR	1551	U
sec-Butylbenzene	ND	0.20	0.50	ug/L	1	AI33354	09/06/23 17:30	09/06/23 20:14	EPA 524.2	AR	1551	U
tert-Butylbenzene	ND	0.20	0.50	ug/L	1	AI33354	09/06/23 17:30	09/06/23 20:14	EPA 524.2	AR	1551	U
Carbon disulfide	ND	0.40	0.50	ug/L	1	AI33354	09/06/23 17:30	09/06/23 20:14	EPA 524.2	AR	1551	U
Carbon tetrachloride	ND	0.30	0.50	ug/L	1	AI33354	09/06/23 17:30	09/06/23 20:14	EPA 524.2	AR	1551	U
Chlorobenzene	ND	0.040	0.50	ug/L	1	AI33354	09/06/23 17:30	09/06/23 20:14	EPA 524.2	AR	1551	U
Chloroethane	ND	0.10	0.50	ug/L	1	AI33354	09/06/23 17:30	09/06/23 20:14	EPA 524.2	AR	1551*	U
Chloroform	ND	0.30	0.50	ug/L	1	AI33354	09/06/23 17:30	09/06/23 20:14	EPA 524.2	AR	1551	U
Chloromethane	ND	0.40	0.50	ug/L	1	AI33354	09/06/23 17:30	09/06/23 20:14	EPA 524.2	AR	1551*	U
2-Chlorotoluene	ND	0.20	0.50	ug/L	1	AI33354	09/06/23 17:30	09/06/23 20:14	EPA 524.2	AR	1551	U
4-Chlorotoluene	ND	0.20	0.50	ug/L	1	AI33354	09/06/23 17:30	09/06/23 20:14	EPA 524.2	AR	1551	U
Dibromochloromethane	ND	0.30	0.50	ug/L	1	AI33354	09/06/23 17:30	09/06/23 20:14	EPA 524.2	AR	1551	U
1,2-Dibromoethane (EDB)	ND	0.10	0.50	ug/L	1	AI33354	09/06/23 17:30	09/06/23 20:14	EPA 524.2	AR	1551*	U
Dibromomethane	ND	0.080	0.50	ug/L	1	AI33354	09/06/23 17:30	09/06/23 20:14	EPA 524.2	AR	1551*	U
1,2-Dichlorobenzene	ND	0.060	0.50	ug/L	1	AI33354	09/06/23 17:30	09/06/23 20:14	EPA 524.2	AR	1551	U
1,3-Dichlorobenzene	ND	0.070	0.50	ug/L	1	AI33354	09/06/23 17:30	09/06/23 20:14	EPA 524.2	AR	1551	U
1,4-Dichlorobenzene	ND	0.060	0.50	ug/L	1	AI33354	09/06/23 17:30	09/06/23 20:14	EPA 524.2	AR	1551	U
Dichlorodifluoromethane	ND	0.10	0.50	ug/L	1	AI33354	09/06/23 17:30	09/06/23 20:14	EPA 524.2	AR	1551	U
1,1-Dichloroethane	ND	0.20	0.50	ug/L	1	AI33354	09/06/23 17:30	09/06/23 20:14	EPA 524.2	AR	1551	U
1,2-Dichloroethane	ND	0.10	0.50	ug/L	1	AI33354	09/06/23 17:30	09/06/23 20:14	EPA 524.2	AR	1551	U
1,1-Dichloroethene	ND	0.10	0.30	ug/L	1	AI33354	09/06/23 17:30	09/06/23 20:14	EPA 524.2	AR	1551	U
cis-1,2-Dichloroethene	ND	0.10	0.50	ug/L	1	AI33354	09/06/23 17:30	09/06/23 20:14	EPA 524.2	AR	1551	U
trans-1,2-Dichloroethene	ND	0.10	0.50	ug/L	1	AI33354	09/06/23 17:30	09/06/23 20:14	EPA 524.2	AR	1551	U
1,2-Dichloropropane	ND	0.080	0.50	ug/L	1	AI33354	09/06/23 17:30	09/06/23 20:14	EPA 524.2	AR	1551	U
1,3-Dichloropropane	ND	0.070	0.50	ug/L	1	AI33354	09/06/23 17:30	09/06/23 20:14	EPA 524.2	AR	1551*	U
2,2-Dichloropropane	ND	0.30	0.50	ug/L	1	AI33354	09/06/23 17:30	09/06/23 20:14	EPA 524.2	AR	1551*	U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Alpha Analytical Laboratories, Inc. email: clientservices@alpha-labs.com
 Corporate: 208 Mason Street | Ukiah, CA 95482 | T: 707-468-0401 | F: 707-468-5267 | ELAP# 1551

Sample Traps, LLC
 262 Rickenbacker Circle
 Livermore CA, 94551

Project Manager: Quality Control Manager
 Project: QC- 40ml Clear VOA- HCl
 Project Number: Navy Silicone Batch Number CB020

Reported:
 09/22/23 08:26

Volatile Organic Compounds by EPA Method 524.2

Analyte	Result	MDL	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Analyst	ELAP #	Notes
			Limit										
B3300CVBS - 02 (23H3216-02) Water													T-17
Sampled: 08/21/23 00:00 Received: 08/21/23 12:00													
1,1-Dichloropropene	ND	0.10	0.50		ug/L	1	AI33354	09/06/23 17:30	09/06/23 20:14	EPA 524.2	AR	1551*	U
cis-1,3-Dichloropropene	ND	0.30	0.50		ug/L	1	AI33354	09/06/23 17:30	09/06/23 20:14	EPA 524.2	AR	1551	U
trans-1,3-Dichloropropene	ND	0.30	0.50		ug/L	1	AI33354	09/06/23 17:30	09/06/23 20:14	EPA 524.2	AR	1551	U
1,3-Dichloropropene (total)	ND	0.30	0.50		ug/L	1	AI33354	09/06/23 17:30	09/06/23 20:14	EPA 524.2	AR	1551	U
Ethylbenzene	ND	0.20	0.50		ug/L	1	AI33354	09/06/23 17:30	09/06/23 20:14	EPA 524.2	AR	1551	U
Hexachlorobutadiene	ND	0.40	0.50		ug/L	1	AI33354	09/06/23 17:30	09/06/23 20:14	EPA 524.2	AR	1551*	U
Isopropylbenzene	ND	0.20	0.50		ug/L	1	AI33354	09/06/23 17:30	09/06/23 20:14	EPA 524.2	AR	1551	U
p-Isopropyltoluene	ND	0.20	0.50		ug/L	1	AI33354	09/06/23 17:30	09/06/23 20:14	EPA 524.2	AR	1551*	U
Methyl ethyl ketone	ND	0.20	1.0		ug/L	1	AI33354	09/06/23 17:30	09/06/23 20:14	EPA 524.2	AR	1551*	U
Methyl isobutyl ketone	ND	0.20	1.0		ug/L	1	AI33354	09/06/23 17:30	09/06/23 20:14	EPA 524.2	AR	1551	U
Methylene chloride	ND	0.40	0.50		ug/L	1	AI33354	09/06/23 17:30	09/06/23 20:14	EPA 524.2	AR	1551	U
Naphthalene	ND	0.30	0.50		ug/L	1	AI33354	09/06/23 17:30	09/06/23 20:14	EPA 524.2	AR	1551	U
n-Propylbenzene	ND	0.20	0.50		ug/L	1	AI33354	09/06/23 17:30	09/06/23 20:14	EPA 524.2	AR	1551	U
Styrene	ND	0.20	0.50		ug/L	1	AI33354	09/06/23 17:30	09/06/23 20:14	EPA 524.2	AR	1551	U
1,1,1,2-Tetrachloroethane	ND	0.40	0.50		ug/L	1	AI33354	09/06/23 17:30	09/06/23 20:14	EPA 524.2	AR	1551	U
1,1,2,2-Tetrachloroethane	ND	0.060	0.50		ug/L	1	AI33354	09/06/23 17:30	09/06/23 20:14	EPA 524.2	AR	1551	U
Tetrachloroethene	ND	0.20	0.50		ug/L	1	AI33354	09/06/23 17:30	09/06/23 20:14	EPA 524.2	AR	1551	U
Toluene	ND	0.090	0.50		ug/L	1	AI33354	09/06/23 17:30	09/06/23 20:14	EPA 524.2	AR	1551	U
1,2,3-Trichlorobenzene	ND	0.40	0.50		ug/L	1	AI33354	09/06/23 17:30	09/06/23 20:14	EPA 524.2	AR	1551	U
1,2,4-Trichlorobenzene	ND	0.40	0.50		ug/L	1	AI33354	09/06/23 17:30	09/06/23 20:14	EPA 524.2	AR	1551	U
1,1,1-Trichloroethane	ND	0.10	0.50		ug/L	1	AI33354	09/06/23 17:30	09/06/23 20:14	EPA 524.2	AR	1551	U
1,1,2-Trichloroethane	ND	0.060	0.50		ug/L	1	AI33354	09/06/23 17:30	09/06/23 20:14	EPA 524.2	AR	1551	U
Trichloroethene	ND	0.10	0.50		ug/L	1	AI33354	09/06/23 17:30	09/06/23 20:14	EPA 524.2	AR	1551	U
Trichlorofluoromethane	ND	0.20	0.50		ug/L	1	AI33354	09/06/23 17:30	09/06/23 20:14	EPA 524.2	AR	1551	U
Trichlorotrifluoroethane	ND	0.10	0.50		ug/L	1	AI33354	09/06/23 17:30	09/06/23 20:14	EPA 524.2	AR	1551	U
1,2,4-Trimethylbenzene	ND	0.20	0.50		ug/L	1	AI33354	09/06/23 17:30	09/06/23 20:14	EPA 524.2	AR	1551	U
1,3,5-Trimethylbenzene	ND	0.30	0.50		ug/L	1	AI33354	09/06/23 17:30	09/06/23 20:14	EPA 524.2	AR	1551	U
Vinyl chloride	ND	0.20	0.50		ug/L	1	AI33354	09/06/23 17:30	09/06/23 20:14	EPA 524.2	AR	1551	U
m,p-Xylene	ND	0.20	0.50		ug/L	1	AI33354	09/06/23 17:30	09/06/23 20:14	EPA 524.2	AR	1551	U
o-Xylene	ND	0.20	0.50		ug/L	1	AI33354	09/06/23 17:30	09/06/23 20:14	EPA 524.2	AR	1551	U
Xylenes (total)	ND	0.20	0.50		ug/L	1	AI33354	09/06/23 17:30	09/06/23 20:14	EPA 524.2	AR	1551	U
Trihalomethanes (total)	ND	0.30	0.50		ug/L	1	AI33354	09/06/23 17:30	09/06/23 20:14	EPA 524.2	AR	1551	U
Methyl tert-butyl ether	ND	0.50	3.0		ug/L	1	AI33354	09/06/23 17:30	09/06/23 20:14	EPA 524.2	AR	1551	U
Ethyl tert-butyl ether	ND	0.10	0.50		ug/L	1	AI33354	09/06/23 17:30	09/06/23 20:14	EPA 524.2	AR	1551	U
Tert-amyl methyl ether	ND	0.30	0.50		ug/L	1	AI33354	09/06/23 17:30	09/06/23 20:14	EPA 524.2	AR	1551	U
Surrogate: Bromofluorobenzene		99.9 %	70-130				AI33354	09/06/23 17:30	09/06/23 20:14	EPA 524.2	AR	1551	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Alpha Analytical Laboratories, Inc. email: clientservices@alpha-labs.com
 Corporate: 208 Mason Street | Ukiah, CA 95482 | T: 707-468-0401 | F: 707-468-5267 | ELAP# 1551

Sample Traps, LLC
 262 Rickenbacker Circle
 Livermore CA, 94551

Project Manager: Quality Control Manager
 Project: QC- 40ml Clear VOA- HCl
 Project Number: Navy Silicone Batch Number CB020

Reported:
 09/22/23 08:26

Volatile Organic Compounds by EPA Method 524.2

Analyte	Result	MDL	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Analyst	ELAP#	Notes
			Limit	Units								
B3300CVBS - 02 (23H3216-02) Water												
Sampled: 08/21/23 00:00 Received: 08/21/23 12:00												
<i>Surrogate: Dibromofluoromethane</i>		73.5 %	70-130			A133354	09/06/23 17:30	09/06/23 20:14	EPA 524.2	AR	1551	
<i>Surrogate: Toluene-d8</i>		96.2 %	70-130			A133354	09/06/23 17:30	09/06/23 20:14	EPA 524.2	AR	1551	

T-17



Alpha Analytical Laboratories, Inc. email: clientservices@alpha-labs.com
 Corporate: 208 Mason Street | Ukiah, CA 95482 | T: 707-468-0401 | F: 707-468-5267 | ELAP# 1551

Sample Traps, LLC
 262 Rickenbacker Circle
 Livermore CA, 94551

Project Manager: Quality Control Manager
 Project: QC- 40ml Clear VOA- HCl
 Project Number: Navy Silicone Batch Number CB020

Reported:
 09/22/23 08:26

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	MDL	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Analyst	ELAP #	Notes
			Limit	Units								
B3300CVBS - 01 (23H3216-01) Water Sampled: 08/21/23 00:00 Received: 08/21/23 12:00												
Acetone	ND	0.70	5.0	ug/L	1	AH35143	08/30/23 14:00	08/31/23 06:57	EPA 8260B	JV	1551*	U
Acetonitrile	ND	20	100	ug/L	1	AH35143	08/30/23 14:00	08/31/23 06:57	EPA 8260B	JV	1551*	U
Acrylonitrile	ND	0.10	5.0	ug/L	1	AH35143	08/30/23 14:00	08/31/23 06:57	EPA 8260B	JV	1551*	U
Benzene	ND	0.060	0.30	ug/L	1	AH35143	08/30/23 14:00	08/31/23 06:57	EPA 8260B	JV	1551	U
Bromobenzene	ND	0.070	0.50	ug/L	1	AH35143	08/30/23 14:00	08/31/23 06:57	EPA 8260B	JV	1551	U
Bromochloromethane	ND	0.10	0.50	ug/L	1	AH35143	08/30/23 14:00	08/31/23 06:57	EPA 8260B	JV	1551	U
Bromodichloromethane	ND	0.080	0.50	ug/L	1	AH35143	08/30/23 14:00	08/31/23 06:57	EPA 8260B	JV	1551	U
Bromoform	ND	0.30	0.50	ug/L	1	AH35143	08/30/23 14:00	08/31/23 06:57	EPA 8260B	JV	1551	U
Bromomethane	ND	0.40	0.50	ug/L	1	AH35143	08/30/23 14:00	08/31/23 06:57	EPA 8260B	JV	1551	U
n-Butylbenzene	ND	0.40	0.50	ug/L	1	AH35143	08/30/23 14:00	08/31/23 06:57	EPA 8260B	JV	1551	U
sec-Butylbenzene	ND	0.40	0.50	ug/L	1	AH35143	08/30/23 14:00	08/31/23 06:57	EPA 8260B	JV	1551	U
tert-Butylbenzene	ND	0.30	0.50	ug/L	1	AH35143	08/30/23 14:00	08/31/23 06:57	EPA 8260B	JV	1551	U
Carbon disulfide	ND	0.10	5.0	ug/L	1	AH35143	08/30/23 14:00	08/31/23 06:57	EPA 8260B	JV	1551	U
Carbon tetrachloride	ND	0.10	0.50	ug/L	1	AH35143	08/30/23 14:00	08/31/23 06:57	EPA 8260B	JV	1551	U
Chlorobenzene	ND	0.050	0.50	ug/L	1	AH35143	08/30/23 14:00	08/31/23 06:57	EPA 8260B	JV	1551	U
Chloroethane	ND	0.10	0.50	ug/L	1	AH35143	08/30/23 14:00	08/31/23 06:57	EPA 8260B	JV	1551	U
2-Chloroethylvinyl ether	ND	0.70	1.0	ug/L	1	AH35143	08/30/23 14:00	08/31/23 06:57	EPA 8260B	JV	1551	U
Chloroform	ND	0.060	0.50	ug/L	1	AH35143	08/30/23 14:00	08/31/23 06:57	EPA 8260B	JV	1551	U
Chloromethane	ND	0.40	0.50	ug/L	1	AH35143	08/30/23 14:00	08/31/23 06:57	EPA 8260B	JV	1551	U
2-Chlorotoluene	ND	0.10	0.50	ug/L	1	AH35143	08/30/23 14:00	08/31/23 06:57	EPA 8260B	JV	1551*	U
4-Chlorotoluene	ND	0.10	0.50	ug/L	1	AH35143	08/30/23 14:00	08/31/23 06:57	EPA 8260B	JV	1551	U
Dibromochloromethane	ND	0.10	0.50	ug/L	1	AH35143	08/30/23 14:00	08/31/23 06:57	EPA 8260B	JV	1551	U
1,2-Dibromo-3-chloropropane	ND	0.20	2.0	ug/L	1	AH35143	08/30/23 14:00	08/31/23 06:57	EPA 8260B	JV	1551	U
1,2-Dibromoethane (EDB)	ND	0.10	0.50	ug/L	1	AH35143	08/30/23 14:00	08/31/23 06:57	EPA 8260B	JV	1551	U
Dibromomethane	ND	0.10	0.50	ug/L	1	AH35143	08/30/23 14:00	08/31/23 06:57	EPA 8260B	JV	1551	U
1,2-Dichlorobenzene	ND	0.060	0.50	ug/L	1	AH35143	08/30/23 14:00	08/31/23 06:57	EPA 8260B	JV	1551	U
1,3-Dichlorobenzene	ND	0.080	0.50	ug/L	1	AH35143	08/30/23 14:00	08/31/23 06:57	EPA 8260B	JV	1551	U
1,4-Dichlorobenzene	ND	0.050	0.50	ug/L	1	AH35143	08/30/23 14:00	08/31/23 06:57	EPA 8260B	JV	1551	U
trans-1,4-Dichloro-2-butene	ND	0.20	5.0	ug/L	1	AH35143	08/30/23 14:00	08/31/23 06:57	EPA 8260B	JV	1551*	U
Dichlorodifluoromethane	ND	0.10	0.50	ug/L	1	AH35143	08/30/23 14:00	08/31/23 06:57	EPA 8260B	JV	1551	U
1,1-Dichloroethane	ND	0.080	0.50	ug/L	1	AH35143	08/30/23 14:00	08/31/23 06:57	EPA 8260B	JV	1551	U
1,2-Dichloroethane	ND	0.40	0.50	ug/L	1	AH35143	08/30/23 14:00	08/31/23 06:57	EPA 8260B	JV	1551	U
1,1-Dichloroethene	ND	0.10	0.50	ug/L	1	AH35143	08/30/23 14:00	08/31/23 06:57	EPA 8260B	JV	1551	U
cis-1,2-Dichloroethene	ND	0.10	0.50	ug/L	1	AH35143	08/30/23 14:00	08/31/23 06:57	EPA 8260B	JV	1551	U
trans-1,2-Dichloroethene	ND	0.10	0.50	ug/L	1	AH35143	08/30/23 14:00	08/31/23 06:57	EPA 8260B	JV	1551	U
1,2-Dichloropropane	ND	0.40	0.50	ug/L	1	AH35143	08/30/23 14:00	08/31/23 06:57	EPA 8260B	JV	1551	U
1,3-Dichloropropane	ND	0.050	0.50	ug/L	1	AH35143	08/30/23 14:00	08/31/23 06:57	EPA 8260B	JV	1551*	U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Alpha Analytical Laboratories, Inc. email: clientservices@alpha-labs.com
 Corporate: 208 Mason Street | Ukiah, CA 95482 | T: 707-468-0401 | F: 707-468-5267 | ELAP# 1551

Sample Traps, LLC
 262 Rickenbacker Circle
 Livermore CA, 94551

Project Manager: Quality Control Manager
 Project: QC- 40ml Clear VOA- HCl
 Project Number: Navy Silicone Batch Number CB020

Reported:
 09/22/23 08:26

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	MDL	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Analyst	ELAP #	Notes
			Limit	Units								
B3300CVBS - 01 (23H3216-01) Water Sampled: 08/21/23 00:00 Received: 08/21/23 12:00												
2,2-Dichloropropane	ND	0.20	0.50	ug/L	1	AH35143	08/30/23 14:00	08/31/23 06:57	EPA 8260B	JV	1551*	U
1,1-Dichloropropane	ND	0.10	0.50	ug/L	1	AH35143	08/30/23 14:00	08/31/23 06:57	EPA 8260B	JV	1551*	U
cis-1,3-Dichloropropene	ND	0.40	0.50	ug/L	1	AH35143	08/30/23 14:00	08/31/23 06:57	EPA 8260B	JV	1551	U
trans-1,3-Dichloropropene	ND	0.40	0.50	ug/L	1	AH35143	08/30/23 14:00	08/31/23 06:57	EPA 8260B	JV	1551	U
Diethyl ether	ND	0.20	1.0	ug/L	1	AH35143	08/30/23 14:00	08/31/23 06:57	EPA 8260B	JV	1551*	U
Di-isopropyl ether	ND	0.10	0.50	ug/L	1	AH35143	08/30/23 14:00	08/31/23 06:57	EPA 8260B	JV	1551	U
Ethyl acetate	ND	0.10	2.0	ug/L	1	AH35143	08/30/23 14:00	08/31/23 06:57	EPA 8260B	JV	1551*	U
Ethylbenzene	ND	0.10	0.50	ug/L	1	AH35143	08/30/23 14:00	08/31/23 06:57	EPA 8260B	JV	1551	U
Ethyl tert-butyl ether	ND	0.40	0.50	ug/L	1	AH35143	08/30/23 14:00	08/31/23 06:57	EPA 8260B	JV	1551	U
Hexachlorobutadiene	ND	0.10	0.50	ug/L	1	AH35143	08/30/23 14:00	08/31/23 06:57	EPA 8260B	JV	1551	U
Hexachloroethane	ND	0.40	1.0	ug/L	1	AH35143	08/30/23 14:00	08/31/23 06:57	EPA 8260B	JV	1551*	U
2-Hexanone	ND	0.20	5.0	ug/L	1	AH35143	08/30/23 14:00	08/31/23 06:57	EPA 8260B	JV	1551*	U
Isobutanol	ND	40	100	ug/L	1	AH35143	08/30/23 14:00	08/31/23 06:57	EPA 8260B	JV	1551*	U
Isopropyl alcohol	ND	30	100	ug/L	1	AH35143	08/30/23 14:00	08/31/23 06:57	EPA 8260B	JV	1551*	U
Isopropylbenzene	ND	0.10	0.50	ug/L	1	AH35143	08/30/23 14:00	08/31/23 06:57	EPA 8260B	JV	1551*	U
p-Isopropyltoluene	ND	0.10	0.50	ug/L	1	AH35143	08/30/23 14:00	08/31/23 06:57	EPA 8260B	JV	1551*	U
Methylene chloride	ND	0.20	0.50	ug/L	1	AH35143	08/30/23 14:00	08/31/23 06:57	EPA 8260B	JV	1551	U
Methyl ethyl ketone	ND	0.30	1.0	ug/L	1	AH35143	08/30/23 14:00	08/31/23 06:57	EPA 8260B	JV	1551*	U
Methyl iodide	ND	0.10	2.0	ug/L	1	AH35143	08/30/23 14:00	08/31/23 06:57	EPA 8260B	JV	1551*	U
Methyl isobutyl ketone	ND	0.60	1.0	ug/L	1	AH35143	08/30/23 14:00	08/31/23 06:57	EPA 8260B	JV	1551	U
Methyl tert-butyl ether	ND	0.50	0.50	ug/L	1	AH35143	08/30/23 14:00	08/31/23 06:57	EPA 8260B	JV	1551	U
Naphthalene	ND	0.50	0.50	ug/L	1	AH35143	08/30/23 14:00	08/31/23 06:57	EPA 8260B	JV	1551	U
n-Propylbenzene	ND	0.40	0.50	ug/L	1	AH35143	08/30/23 14:00	08/31/23 06:57	EPA 8260B	JV	1551	U
Styrene	ND	0.10	0.50	ug/L	1	AH35143	08/30/23 14:00	08/31/23 06:57	EPA 8260B	JV	1551	U
Tert-amyl methyl ether	ND	0.40	0.50	ug/L	1	AH35143	08/30/23 14:00	08/31/23 06:57	EPA 8260B	JV	1551	U
Tert-butyl alcohol	ND	6.0	10	ug/L	1	AH35143	08/30/23 14:00	08/31/23 06:57	EPA 8260B	JV	1551	U
1,1,1,2-Tetrachloroethane	ND	0.10	0.50	ug/L	1	AH35143	08/30/23 14:00	08/31/23 06:57	EPA 8260B	JV	1551	U
1,1,2,2-Tetrachloroethane	ND	0.080	0.50	ug/L	1	AH35143	08/30/23 14:00	08/31/23 06:57	EPA 8260B	JV	1551	U
Tetrachloroethene	ND	0.10	0.50	ug/L	1	AH35143	08/30/23 14:00	08/31/23 06:57	EPA 8260B	JV	1551	U
Tetrahydrofuran	ND	0.10	5.0	ug/L	1	AH35143	08/30/23 14:00	08/31/23 06:57	EPA 8260B	JV	1551*	U
Toluene	ND	0.10	0.30	ug/L	1	AH35143	08/30/23 14:00	08/31/23 06:57	EPA 8260B	JV	1551	U
1,2,3-Trichlorobenzene	ND	0.20	0.50	ug/L	1	AH35143	08/30/23 14:00	08/31/23 06:57	EPA 8260B	JV	1551*	U
1,2,4-Trichlorobenzene	ND	0.20	0.50	ug/L	1	AH35143	08/30/23 14:00	08/31/23 06:57	EPA 8260B	JV	1551	U
1,1,1-Trichloroethane	ND	0.10	0.50	ug/L	1	AH35143	08/30/23 14:00	08/31/23 06:57	EPA 8260B	JV	1551	U
1,1,2-Trichloroethane	ND	0.080	0.50	ug/L	1	AH35143	08/30/23 14:00	08/31/23 06:57	EPA 8260B	JV	1551	U
Trichloroethene	ND	0.10	0.50	ug/L	1	AH35143	08/30/23 14:00	08/31/23 06:57	EPA 8260B	JV	1551	U
Trichlorofluoromethane	ND	0.20	0.50	ug/L	1	AH35143	08/30/23 14:00	08/31/23 06:57	EPA 8260B	JV	1551	U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Alpha Analytical Laboratories, Inc. email: clientservices@alpha-labs.com
 Corporate: 208 Mason Street | Ukiah, CA 95482 | T: 707-468-0401 | F: 707-468-5267 | ELAP# 1551

Sample Traps, LLC
 262 Rickenbacker Circle
 Livermore CA, 94551

Project Manager: Quality Control Manager
 Project: QC- 40ml Clear VOA- HCl
 Project Number: Navy Silicone Batch Number CB020

Reported:
 09/22/23 08:26

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	MDL	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Analyst	ELAP #	Notes
			Limit										
B3300CVBS - 01 (23H3216-01) Water Sampled: 08/21/23 00:00 Received: 08/21/23 12:00													
1,2,3-Trichloropropane	ND	0.10	0.50		ug/L	1	AH35143	08/30/23 14:00	08/31/23 06:57	EPA 8260B	JV	1551	U
Trichlorotrifluoroethane	ND	0.20	0.50		ug/L	1	AH35143	08/30/23 14:00	08/31/23 06:57	EPA 8260B	JV	1551*	U
1,2,4-Trimethylbenzene	ND	0.40	0.50		ug/L	1	AH35143	08/30/23 14:00	08/31/23 06:57	EPA 8260B	JV	1551*	U
1,3,5-Trimethylbenzene	ND	0.30	0.50		ug/L	1	AH35143	08/30/23 14:00	08/31/23 06:57	EPA 8260B	JV	1551*	U
Vinyl acetate	ND	0.20	1.0		ug/L	1	AH35143	08/30/23 14:00	08/31/23 06:57	EPA 8260B	JV	1551*	U
Vinyl chloride	ND	0.40	0.50		ug/L	1	AH35143	08/30/23 14:00	08/31/23 06:57	EPA 8260B	JV	1551	U
m,p-Xylene	ND	0.20	0.50		ug/L	1	AH35143	08/30/23 14:00	08/31/23 06:57	EPA 8260B	JV	1551	U
o-Xylene	ND	0.10	0.50		ug/L	1	AH35143	08/30/23 14:00	08/31/23 06:57	EPA 8260B	JV	1551	U
Xylenes (total)	ND	0.50	0.50		ug/L	1	AH35143	08/30/23 14:00	08/31/23 06:57	EPA 8260B	JV	1551	U
Surrogate: Bromofluorobenzene			113 %		70-130		AH35143	08/30/23 14:00	08/31/23 06:57	EPA 8260B	JV	1551	
Surrogate: Dibromofluoromethane			109 %		70-130		AH35143	08/30/23 14:00	08/31/23 06:57	EPA 8260B	JV	1551	
Surrogate: Toluene-d8			122 %		70-130		AH35143	08/30/23 14:00	08/31/23 06:57	EPA 8260B	JV	1551	



Alpha Analytical Laboratories, Inc. email: clientservices@alpha-labs.com
 Corporate: 208 Mason Street | Ukiah, CA 95482 | T: 707-468-0401 | F: 707-468-5267 | ELAP# 1551

Sample Traps, LLC 262 Rickenbacker Circle Livermore CA, 94551	Project Manager: Quality Control Manager Project: QC- 40ml Clear VOA- HCl Project Number: Navy Silicone Batch Number CB020	Reported: 09/22/23 08:26
---	--	-----------------------------

Volatile Organic Compounds by EPA Method 524.2 - Quality Control

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch AI33354 - VOAs in Water GCMS

Blank (AI33354-BLK1)

Prepared & Analyzed: 09/06/23

Acetone	ND	2.0	5.0	ug/L							U
Acrylonitrile	ND	0.10	5.0	ug/L							U
Benzene	ND	0.10	0.30	ug/L							U
Bromobenzene	ND	0.080	0.50	ug/L							U
Bromochloromethane	ND	0.10	0.50	ug/L							U
Bromodichloromethane	ND	0.20	0.50	ug/L							U
Bromoform	ND	0.30	0.50	ug/L							U
Bromomethane	ND	0.40	0.50	ug/L							U
n-Butylbenzene	ND	0.20	0.50	ug/L							U
sec-Butylbenzene	ND	0.20	0.50	ug/L							U
tert-Butylbenzene	ND	0.20	0.50	ug/L							U
Carbon disulfide	ND	0.40	0.50	ug/L							U
Carbon tetrachloride	ND	0.30	0.50	ug/L							U
Chlorobenzene	ND	0.040	0.50	ug/L							U
Chloroethane	ND	0.10	0.50	ug/L							U
Chloroform	ND	0.30	0.50	ug/L							U
Chloromethane	ND	0.40	0.50	ug/L							U
2-Chlorotoluene	ND	0.20	0.50	ug/L							U
4-Chlorotoluene	ND	0.20	0.50	ug/L							U
Dibromochloromethane	ND	0.30	0.50	ug/L							U
1,2-Dibromoethane (EDB)	ND	0.10	0.50	ug/L							U
Dibromomethane	ND	0.080	0.50	ug/L							U
1,2-Dichlorobenzene	ND	0.060	0.50	ug/L							U
1,3-Dichlorobenzene	ND	0.070	0.50	ug/L							U
1,4-Dichlorobenzene	ND	0.060	0.50	ug/L							U
Dichlorodifluoromethane	ND	0.10	0.50	ug/L							U
1,1-Dichloroethane	ND	0.20	0.50	ug/L							U
1,2-Dichloroethane	ND	0.10	0.50	ug/L							U
1,1-Dichloroethene	ND	0.10	0.30	ug/L							U
cis-1,2-Dichloroethene	ND	0.10	0.50	ug/L							U
trans-1,2-Dichloroethene	ND	0.10	0.50	ug/L							U
1,2-Dichloropropane	ND	0.080	0.50	ug/L							U
1,3-Dichloropropane	ND	0.070	0.50	ug/L							U
2,2-Dichloropropane	ND	0.30	0.50	ug/L							U
1,1-Dichloropropene	ND	0.10	0.50	ug/L							U
cis-1,3-Dichloropropene	ND	0.30	0.50	ug/L							U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Alpha Analytical Laboratories, Inc. email: clientservices@alpha-labs.com
 Corporate: 208 Mason Street | Ukiah, CA 95482 | T: 707-468-0401 | F: 707-468-5267 | ELAP# 1551

Sample Traps, LLC 262 Rickenbacker Circle Livermore CA, 94551	Project Manager: Quality Control Manager Project: QC- 40ml Clear VOA- HCl Project Number: Navy Silicone Batch Number CB020	Reported: 09/22/23 08:26
---	--	-----------------------------

Volatile Organic Compounds by EPA Method 524.2 - Quality Control

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch AI33354 - VOAs in Water GCMS

Blank (AI33354-BLK1)

Prepared & Analyzed: 09/06/23

trans-1,3-Dichloropropene	ND	0.30	0.50	ug/L							U
1,3-Dichloropropene (total)	ND	0.30	0.50	ug/L							U
Ethylbenzene	ND	0.20	0.50	ug/L							U
Hexachlorobutadiene	ND	0.40	0.50	ug/L							U
Isopropylbenzene	ND	0.20	0.50	ug/L							U
p-Isopropyltoluene	ND	0.20	0.50	ug/L							U
Methyl ethyl ketone	ND	0.20	1.0	ug/L							U
Methyl isobutyl ketone	ND	0.20	1.0	ug/L							U
Methylene chloride	ND	0.40	0.50	ug/L							U
Naphthalene	ND	0.30	0.50	ug/L							U
n-Propylbenzene	ND	0.20	0.50	ug/L							U
Styrene	ND	0.20	0.50	ug/L							U
1,1,1,2-Tetrachloroethane	ND	0.40	0.50	ug/L							U
1,1,1,2,2-Tetrachloroethane	ND	0.060	0.50	ug/L							U
Tetrachloroethene	ND	0.20	0.50	ug/L							U
Toluene	ND	0.090	0.50	ug/L							U
1,2,3-Trichlorobenzene	ND	0.40	0.50	ug/L							U
1,2,4-Trichlorobenzene	ND	0.40	0.50	ug/L							U
1,1,1-Trichloroethane	ND	0.10	0.50	ug/L							U
1,1,2-Trichloroethane	ND	0.060	0.50	ug/L							U
Trichloroethene	ND	0.10	0.50	ug/L							U
Trichlorofluoromethane	ND	0.20	0.50	ug/L							U
Trichlorotrifluoroethane	ND	0.10	0.50	ug/L							U
1,2,4-Trimethylbenzene	ND	0.20	0.50	ug/L							U
1,3,5-Trimethylbenzene	ND	0.30	0.50	ug/L							U
Vinyl chloride	ND	0.20	0.50	ug/L							U
m,p-Xylene	ND	0.20	0.50	ug/L							U
o-Xylene	ND	0.20	0.50	ug/L							U
Xylenes (total)	ND	0.20	0.50	ug/L							U
Trihalomethanes (total)	ND	0.30	0.50	ug/L							U
Methyl tert-butyl ether	0.860	0.50	3.0	ug/L							J
Ethyl tert-butyl ether	ND	0.10	0.50	ug/L							U
Tert-amyl methyl ether	ND	0.30	0.50	ug/L							U
Surrogate: Bromofluorobenzene	24.1			ug/L	25.0		96.4	70-130			
Surrogate: Dibromofluoromethane	19.2			ug/L	25.0		76.9	70-130			
Surrogate: Toluene-d8	23.8			ug/L	25.0		95.1	70-130			

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Alpha Analytical Laboratories, Inc. email: clientservices@alpha-labs.com
 Corporate: 208 Mason Street | Ukiah, CA 95482 | T: 707-468-0401 | F: 707-468-5267 | ELAP# 1551

Sample Traps, LLC 262 Rickenbacker Circle Livermore CA, 94551	Project Manager: Quality Control Manager Project: QC- 40ml Clear VOA- HCl Project Number: Navy Silicone Batch Number CB020	Reported: 09/22/23 08:26
---	--	-----------------------------

Volatile Organic Compounds by EPA Method 524.2 - Quality Control

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch AI33354 - VOAs in Water GCMS

LCS (AI33354-BS1)

Prepared & Analyzed: 09/06/23

Acetone	23.3	2.0	5.0	ug/L	20.0		117	70-130			
Acrylonitrile	5.21	0.10	5.0	ug/L	5.00		104	70-130			
Benzene	5.16	0.10	0.30	ug/L	5.00		103	70-130			
Bromobenzene	5.40	0.080	0.50	ug/L	5.00		108	70-130			
Bromochloromethane	4.93	0.10	0.50	ug/L	5.00		98.6	70-130			
Bromodichloromethane	4.00	0.20	0.50	ug/L	5.00		80.0	70-130			
Bromoform	4.75	0.30	0.50	ug/L	5.00		95.0	70-130			
Bromomethane	5.36	0.40	0.50	ug/L	5.00		107	70-130			
n-Butylbenzene	5.28	0.20	0.50	ug/L	5.00		106	70-130			
sec-Butylbenzene	5.55	0.20	0.50	ug/L	5.00		111	70-130			
tert-Butylbenzene	5.37	0.20	0.50	ug/L	5.00		107	70-130			
Carbon disulfide	4.91	0.40	0.50	ug/L	5.00		98.2	70-130			
Carbon tetrachloride	3.85	0.30	0.50	ug/L	5.00		77.0	70-130			
Chlorobenzene	5.29	0.040	0.50	ug/L	5.00		106	70-130			
Chloroethane	5.67	0.10	0.50	ug/L	5.00		113	70-130			
Chloroform	4.94	0.30	0.50	ug/L	5.00		98.8	70-130			
Chloromethane	5.61	0.40	0.50	ug/L	5.00		112	70-130			
2-Chlorotoluene	5.38	0.20	0.50	ug/L	5.00		108	70-130			
4-Chlorotoluene	5.35	0.20	0.50	ug/L	5.00		107	70-130			
Dibromochloromethane	3.80	0.30	0.50	ug/L	5.00		76.0	70-130			
1,2-Dibromoethane (EDB)	4.61	0.10	0.50	ug/L	5.00		92.2	70-130			
Dibromomethane	4.94	0.080	0.50	ug/L	5.00		98.8	70-130			
1,2-Dichlorobenzene	5.00	0.060	0.50	ug/L	5.00		100	70-130			
1,3-Dichlorobenzene	5.50	0.070	0.50	ug/L	5.00		110	70-130			
1,4-Dichlorobenzene	5.05	0.060	0.50	ug/L	5.00		101	70-130			
Dichlorodifluoromethane	5.67	0.10	0.50	ug/L	5.00		113	70-130			
1,1-Dichloroethane	4.99	0.20	0.50	ug/L	5.00		99.8	70-130			
1,2-Dichloroethane	5.31	0.10	0.50	ug/L	5.00		106	70-130			
1,1-Dichloroethene	4.96	0.10	0.30	ug/L	5.00		99.2	70-130			
cis-1,2-Dichloroethene	5.00	0.10	0.50	ug/L	5.00		100	70-130			
trans-1,2-Dichloroethene	4.89	0.10	0.50	ug/L	5.00		97.8	70-130			
1,2-Dichloropropane	5.02	0.080	0.50	ug/L	5.00		100	70-130			
1,3-Dichloropropane	5.34	0.070	0.50	ug/L	5.00		107	70-130			
2,2-Dichloropropane	4.78	0.30	0.50	ug/L	5.00		95.6	70-130			
1,1-Dichloropropene	4.35	0.10	0.50	ug/L	5.00		87.0	70-130			
cis-1,3-Dichloropropene	4.51	0.30	0.50	ug/L	5.00		90.2	70-130			

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Alpha Analytical Laboratories, Inc. email: clientservices@alpha-labs.com
 Corporate: 208 Mason Street | Ukiah, CA 95482 | T: 707-468-0401 | F: 707-468-5267 | ELAP# 1551

Sample Traps, LLC 262 Rickenbacker Circle Livermore CA, 94551	Project Manager: Quality Control Manager Project: QC- 40ml Clear VOA- HCl Project Number: Navy Silicone Batch Number CB020	Reported: 09/22/23 08:26
---	--	-----------------------------

Volatile Organic Compounds by EPA Method 524.2 - Quality Control

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch AI33354 - VOAs in Water GCMS

LCS (AI33354-BS1)

Prepared & Analyzed: 09/06/23

trans-1,3-Dichloropropene	4.91	0.30	0.50	ug/L	5.00		98.2	70-130			
Ethylbenzene	5.41	0.20	0.50	ug/L	5.00		108	70-130			
Hexachlorobutadiene	4.59	0.40	0.50	ug/L	5.00		91.8	70-130			
Isopropylbenzene	5.51	0.20	0.50	ug/L	5.00		110	70-130			
p-Isopropyltoluene	5.29	0.20	0.50	ug/L	5.00		106	70-130			
Methyl ethyl ketone	11.5	0.20	1.0	ug/L	10.0		115	70-130			
Methyl isobutyl ketone	9.27	0.20	1.0	ug/L	10.0		92.7	70-130			
Methylene chloride	4.59	0.40	0.50	ug/L	5.00		91.8	70-130			
Naphthalene	4.71	0.30	0.50	ug/L	5.00		94.2	70-130			
n-Propylbenzene	5.57	0.20	0.50	ug/L	5.00		111	70-130			
Styrene	5.61	0.20	0.50	ug/L	5.00		112	70-130			
1,1,1,2-Tetrachloroethane	4.32	0.40	0.50	ug/L	5.00		86.4	70-130			
1,1,2,2-Tetrachloroethane	5.01	0.060	0.50	ug/L	5.00		100	70-130			
Tetrachloroethene	5.29	0.20	0.50	ug/L	5.00		106	70-130			
Toluene	5.53	0.090	0.50	ug/L	5.00		111	70-130			
1,2,3-Trichlorobenzene	4.73	0.40	0.50	ug/L	5.00		94.6	70-130			
1,2,4-Trichlorobenzene	4.80	0.40	0.50	ug/L	5.00		96.0	70-130			
1,1,1-Trichloroethane	4.58	0.10	0.50	ug/L	5.00		91.6	70-130			
1,1,2-Trichloroethane	5.47	0.060	0.50	ug/L	5.00		109	70-130			
Trichloroethene	4.98	0.10	0.50	ug/L	5.00		99.6	70-130			
Trichlorofluoromethane	4.98	0.20	0.50	ug/L	5.00		99.6	70-130			
Trichlorotrifluoroethane	5.02	0.10	0.50	ug/L	5.00		100	70-130			
1,2,4-Trimethylbenzene	5.59	0.20	0.50	ug/L	5.00		112	70-130			
1,3,5-Trimethylbenzene	5.30	0.30	0.50	ug/L	5.00		106	70-130			
Vinyl chloride	4.87	0.20	0.50	ug/L	5.00		97.4	70-130			
m,p-Xylene	11.2	0.20	0.50	ug/L	10.0		112	70-130			
o-Xylene	5.52	0.20	0.50	ug/L	5.00		110	70-130			
Xylenes (total)	16.8	0.20	0.50	ug/L	15.0		112	70-130			
Methyl tert-butyl ether	4.55	0.50	3.0	ug/L	5.00		91.0	70-130			
Ethyl tert-butyl ether	4.96	0.10	0.50	ug/L	5.00		99.2	70-130			
Tert-amyl methyl ether	5.04	0.30	0.50	ug/L	5.00		101	70-130			
Surrogate: Bromofluorobenzene	26.3			ug/L	25.0		105	70-130			
Surrogate: Dibromofluoromethane	21.9			ug/L	25.0		87.6	70-130			
Surrogate: Toluene-d8	24.0			ug/L	25.0		96.0	70-130			

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Alpha Analytical Laboratories, Inc. email: clientservices@alpha-labs.com
 Corporate: 208 Mason Street | Ukiah, CA 95482 | T: 707-468-0401 | F: 707-468-5267 | ELAP# 1551

Sample Traps, LLC 262 Rickenbacker Circle Livermore CA, 94551	Project Manager: Quality Control Manager Project: QC- 40ml Clear VOA- HCl Project Number: Navy Silicone Batch Number CB020	Reported: 09/22/23 08:26
---	--	-----------------------------

Volatile Organic Compounds by EPA Method 524.2 - Quality Control

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch AI33354 - VOAs in Water GCMS

LCS Dup (AI33354-BSD1)

Prepared & Analyzed: 09/06/23

Acetone	21.2	2.0	5.0	ug/L	20.0		106	70-130	9.25	30	
Acrylonitrile	5.18	0.10	5.0	ug/L	5.00		104	70-130	0.577	30	
Benzene	4.66	0.10	0.30	ug/L	5.00		93.2	70-130	10.2	30	
Bromobenzene	5.19	0.080	0.50	ug/L	5.00		104	70-130	3.97	30	
Bromochloromethane	4.68	0.10	0.50	ug/L	5.00		93.6	70-130	5.20	30	
Bromodichloromethane	3.77	0.20	0.50	ug/L	5.00		75.4	70-130	5.92	30	
Bromoform	4.88	0.30	0.50	ug/L	5.00		97.6	70-130	2.70	30	
Bromomethane	4.86	0.40	0.50	ug/L	5.00		97.2	70-130	9.78	30	
n-Butylbenzene	4.77	0.20	0.50	ug/L	5.00		95.4	70-130	10.1	30	
sec-Butylbenzene	5.05	0.20	0.50	ug/L	5.00		101	70-130	9.43	30	
tert-Butylbenzene	4.94	0.20	0.50	ug/L	5.00		98.8	70-130	8.34	30	
Carbon disulfide	4.47	0.40	0.50	ug/L	5.00		89.4	70-130	9.38	30	
Carbon tetrachloride	3.77	0.30	0.50	ug/L	5.00		75.4	70-130	2.10	30	
Chlorobenzene	5.07	0.040	0.50	ug/L	5.00		101	70-130	4.25	30	
Chloroethane	5.19	0.10	0.50	ug/L	5.00		104	70-130	8.84	30	
Chloroform	4.66	0.30	0.50	ug/L	5.00		93.2	70-130	5.83	30	
Chloromethane	5.19	0.40	0.50	ug/L	5.00		104	70-130	7.78	30	
2-Chlorotoluene	5.16	0.20	0.50	ug/L	5.00		103	70-130	4.17	30	
4-Chlorotoluene	5.05	0.20	0.50	ug/L	5.00		101	70-130	5.77	30	
Dibromochloromethane	3.74	0.30	0.50	ug/L	5.00		74.8	70-130	1.59	30	
1,2-Dibromoethane (EDB)	4.54	0.10	0.50	ug/L	5.00		90.8	70-130	1.53	25	
Dibromomethane	4.94	0.080	0.50	ug/L	5.00		98.8	70-130	0.00	30	
1,2-Dichlorobenzene	4.87	0.060	0.50	ug/L	5.00		97.4	70-130	2.63	30	
1,3-Dichlorobenzene	5.20	0.070	0.50	ug/L	5.00		104	70-130	5.61	30	
1,4-Dichlorobenzene	4.80	0.060	0.50	ug/L	5.00		96.0	70-130	5.08	30	
Dichlorodifluoromethane	4.94	0.10	0.50	ug/L	5.00		98.8	70-130	13.8	30	
1,1-Dichloroethane	4.59	0.20	0.50	ug/L	5.00		91.8	70-130	8.35	30	
1,2-Dichloroethane	5.19	0.10	0.50	ug/L	5.00		104	70-130	2.29	30	
1,1-Dichloroethene	4.47	0.10	0.30	ug/L	5.00		89.4	70-130	10.4	30	
cis-1,2-Dichloroethene	4.72	0.10	0.50	ug/L	5.00		94.4	70-130	5.76	30	
trans-1,2-Dichloroethene	4.36	0.10	0.50	ug/L	5.00		87.2	70-130	11.5	30	
1,2-Dichloropropane	4.82	0.080	0.50	ug/L	5.00		96.4	70-130	4.07	30	
1,3-Dichloropropane	5.37	0.070	0.50	ug/L	5.00		107	70-130	0.560	30	
2,2-Dichloropropane	4.23	0.30	0.50	ug/L	5.00		84.6	70-130	12.2	30	
1,1-Dichloropropene	3.84	0.10	0.50	ug/L	5.00		76.8	70-130	12.5	30	
cis-1,3-Dichloropropene	4.14	0.30	0.50	ug/L	5.00		82.8	70-130	8.55	30	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Alpha Analytical Laboratories, Inc. email: clientservices@alpha-labs.com
 Corporate: 208 Mason Street | Ukiah, CA 95482 | T: 707-468-0401 | F: 707-468-5267 | ELAP# 1551

Sample Traps, LLC 262 Rickenbacker Circle Livermore CA, 94551	Project Manager: Quality Control Manager Project: QC- 40ml Clear VOA- HCl Project Number: Navy Silicone Batch Number CB020	Reported: 09/22/23 08:26
---	--	-----------------------------

Volatile Organic Compounds by EPA Method 524.2 - Quality Control

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch AI33354 - VOAs in Water GCMS

LCS Dup (AI33354-BSD1)

Prepared & Analyzed: 09/06/23

trans-1,3-Dichloropropene	4.88	0.30	0.50	ug/L	5.00		97.6	70-130	0.613	30	
Ethylbenzene	4.99	0.20	0.50	ug/L	5.00		99.8	70-130	8.08	30	
Hexachlorobutadiene	4.29	0.40	0.50	ug/L	5.00		85.8	70-130	6.76	30	
Isopropylbenzene	5.08	0.20	0.50	ug/L	5.00		102	70-130	8.12	30	
p-Isopropyltoluene	4.87	0.20	0.50	ug/L	5.00		97.4	70-130	8.27	30	
Methyl ethyl ketone	11.1	0.20	1.0	ug/L	10.0		111	70-130	3.45	30	
Methyl isobutyl ketone	10.3	0.20	1.0	ug/L	10.0		103	70-130	10.7	30	
Methylene chloride	4.39	0.40	0.50	ug/L	5.00		87.8	70-130	4.45	30	
Naphthalene	4.56	0.30	0.50	ug/L	5.00		91.2	70-130	3.24	30	
n-Propylbenzene	5.10	0.20	0.50	ug/L	5.00		102	70-130	8.81	30	
Styrene	5.40	0.20	0.50	ug/L	5.00		108	70-130	3.81	30	
1,1,1,2-Tetrachloroethane	4.13	0.40	0.50	ug/L	5.00		82.6	70-130	4.50	30	
1,1,2,2-Tetrachloroethane	5.07	0.060	0.50	ug/L	5.00		101	70-130	1.19	30	
Tetrachloroethene	4.89	0.20	0.50	ug/L	5.00		97.8	70-130	7.86	30	
Toluene	5.08	0.090	0.50	ug/L	5.00		102	70-130	8.48	30	
1,2,3-Trichlorobenzene	4.59	0.40	0.50	ug/L	5.00		91.8	70-130	3.00	30	
1,2,4-Trichlorobenzene	4.49	0.40	0.50	ug/L	5.00		89.8	70-130	6.67	30	
1,1,1-Trichloroethane	4.21	0.10	0.50	ug/L	5.00		84.2	70-130	8.42	30	
1,1,2-Trichloroethane	5.54	0.060	0.50	ug/L	5.00		111	70-130	1.27	30	
Trichloroethene	4.56	0.10	0.50	ug/L	5.00		91.2	70-130	8.81	30	
Trichlorofluoromethane	4.37	0.20	0.50	ug/L	5.00		87.4	70-130	13.0	30	
Trichlorotrifluoroethane	4.49	0.10	0.50	ug/L	5.00		89.8	70-130	11.1	30	
1,2,4-Trimethylbenzene	5.23	0.20	0.50	ug/L	5.00		105	70-130	6.65	30	
1,3,5-Trimethylbenzene	4.95	0.30	0.50	ug/L	5.00		99.0	70-130	6.83	30	
Vinyl chloride	4.07	0.20	0.50	ug/L	5.00		81.4	70-130	17.9	30	
m,p-Xylene	10.5	0.20	0.50	ug/L	10.0		105	70-130	7.09	30	
o-Xylene	5.24	0.20	0.50	ug/L	5.00		105	70-130	5.20	30	
Xylenes (total)	15.7	0.20	0.50	ug/L	15.0		105	70-130	6.47	30	
Methyl tert-butyl ether	4.54	0.50	3.0	ug/L	5.00		90.8	70-130	0.220	30	
Ethyl tert-butyl ether	5.11	0.10	0.50	ug/L	5.00		102	70-130	2.98	30	
Tert-amyl methyl ether	5.00	0.30	0.50	ug/L	5.00		100	70-130	0.797	30	
Surrogate: Bromofluorobenzene	26.2			ug/L	25.0		105	70-130			
Surrogate: Dibromofluoromethane	21.8			ug/L	25.0		87.2	70-130			
Surrogate: Toluene-d8	24.0			ug/L	25.0		95.8	70-130			

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Alpha Analytical Laboratories, Inc. email: clientservices@alpha-labs.com
 Corporate: 208 Mason Street | Ukiah, CA 95482 | T: 707-468-0401 | F: 707-468-5267 | ELAP# 1551

Sample Traps, LLC 262 Rickenbacker Circle Livermore CA, 94551	Project Manager: Quality Control Manager Project: QC- 40ml Clear VOA- HCl Project Number: Navy Silicone Batch Number CB020	Reported: 09/22/23 08:26
---	--	-----------------------------

Volatile Organic Compounds by EPA Method 524.2 - Quality Control

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch AI33354 - VOAs in Water GCMS

Matrix Spike (AI33354-MS1)	Source: 23H4082-01			Prepared & Analyzed: 09/06/23							
Acetone	28.1	2.0	5.0	ug/L	20.0	ND	140	70-130			QM-07
Acrylonitrile	4.82	0.10	5.0	ug/L	5.00	ND	96.4	70-130			J
Benzene	5.47	0.10	0.30	ug/L	5.00	ND	109	70-130			
Bromobenzene	5.76	0.080	0.50	ug/L	5.00	ND	115	70-130			
Bromochloromethane	5.07	0.10	0.50	ug/L	5.00	ND	101	70-130			
Bromodichloromethane	4.08	0.20	0.50	ug/L	5.00	ND	81.6	70-130			
Bromoform	4.31	0.30	0.50	ug/L	5.00	ND	86.2	70-130			
Bromomethane	5.85	0.40	0.50	ug/L	5.00	ND	117	70-130			
n-Butylbenzene	5.81	0.20	0.50	ug/L	5.00	ND	116	70-130			
sec-Butylbenzene	6.43	0.20	0.50	ug/L	5.00	ND	129	70-130			
tert-Butylbenzene	6.17	0.20	0.50	ug/L	5.00	ND	123	70-130			
Carbon disulfide	4.87	0.40	0.50	ug/L	5.00	ND	97.4	70-130			
Carbon tetrachloride	5.02	0.30	0.50	ug/L	5.00	ND	100	70-130			
Chlorobenzene	5.72	0.040	0.50	ug/L	5.00	ND	114	70-130			
Chloroethane	7.08	0.10	0.50	ug/L	5.00	ND	142	70-130			QM-07
Chloroform	7.78	0.30	0.50	ug/L	5.00	2.38	108	70-130			
Chloromethane	5.90	0.40	0.50	ug/L	5.00	ND	118	70-130			
2-Chlorotoluene	6.08	0.20	0.50	ug/L	5.00	ND	122	70-130			
4-Chlorotoluene	5.96	0.20	0.50	ug/L	5.00	ND	119	70-130			
Dibromochloromethane	3.53	0.30	0.50	ug/L	5.00	ND	70.6	70-130			
1,2-Dibromoethane (EDB)	4.26	0.10	0.50	ug/L	5.00	ND	85.2	70-130			
Dibromomethane	4.92	0.080	0.50	ug/L	5.00	ND	98.4	70-130			
1,2-Dichlorobenzene	5.39	0.060	0.50	ug/L	5.00	ND	108	70-130			
1,3-Dichlorobenzene	6.01	0.070	0.50	ug/L	5.00	ND	120	70-130			
1,4-Dichlorobenzene	5.26	0.060	0.50	ug/L	5.00	ND	105	70-130			
Dichlorodifluoromethane	8.19	0.10	0.50	ug/L	5.00	ND	164	70-130			QM-07
1,1-Dichloroethane	5.02	0.20	0.50	ug/L	5.00	ND	100	70-130			
1,2-Dichloroethane	5.53	0.10	0.50	ug/L	5.00	ND	111	70-130			
1,1-Dichloroethene	5.36	0.10	0.30	ug/L	5.00	ND	107	70-130			
cis-1,2-Dichloroethene	5.32	0.10	0.50	ug/L	5.00	ND	106	70-130			
trans-1,2-Dichloroethene	5.02	0.10	0.50	ug/L	5.00	ND	100	70-130			
1,2-Dichloropropane	5.09	0.080	0.50	ug/L	5.00	ND	102	70-130			
1,3-Dichloropropane	5.30	0.070	0.50	ug/L	5.00	ND	106	70-130			
2,2-Dichloropropane	4.72	0.30	0.50	ug/L	5.00	ND	94.4	70-130			
1,1-Dichloropropene	5.45	0.10	0.50	ug/L	5.00	ND	109	70-130			
cis-1,3-Dichloropropene	4.28	0.30	0.50	ug/L	5.00	ND	85.6	70-130			

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Alpha Analytical Laboratories, Inc. email: clientservices@alpha-labs.com
 Corporate: 208 Mason Street | Ukiah, CA 95482 | T: 707-468-0401 | F: 707-468-5267 | ELAP# 1551

Sample Traps, LLC 262 Rickenbacker Circle Livermore CA, 94551	Project Manager: Quality Control Manager Project: QC- 40ml Clear VOA- HCl Project Number: Navy Silicone Batch Number CB020	Reported: 09/22/23 08:26
---	--	-----------------------------

Volatile Organic Compounds by EPA Method 524.2 - Quality Control

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch AI33354 - VOAs in Water GCMS

Matrix Spike (AI33354-MS1)	Source: 23H4082-01			Prepared & Analyzed: 09/06/23							
trans-1,3-Dichloropropene	4.80	0.30	0.50	ug/L	5.00	ND	96.0	70-130			
Ethylbenzene	5.88	0.20	0.50	ug/L	5.00	ND	118	70-130			
Hexachlorobutadiene	4.95	0.40	0.50	ug/L	5.00	ND	99.0	70-130			
Isopropylbenzene	6.11	0.20	0.50	ug/L	5.00	ND	122	70-130			
p-Isopropyltoluene	6.15	0.20	0.50	ug/L	5.00	ND	123	70-130			
Methyl ethyl ketone	9.99	0.20	1.0	ug/L	10.0	ND	99.9	70-130			
Methyl isobutyl ketone	7.20	0.20	1.0	ug/L	10.0	ND	72.0	70-130			
Methylene chloride	4.98	0.40	0.50	ug/L	5.00	ND	99.6	70-130			
Naphthalene	4.77	0.30	0.50	ug/L	5.00	ND	95.4	70-130			
n-Propylbenzene	6.35	0.20	0.50	ug/L	5.00	ND	127	70-130			
Styrene	5.94	0.20	0.50	ug/L	5.00	ND	119	70-130			
1,1,1,2-Tetrachloroethane	4.19	0.40	0.50	ug/L	5.00	ND	83.8	70-130			
1,1,2,2-Tetrachloroethane	4.88	0.060	0.50	ug/L	5.00	ND	97.6	70-130			
Tetrachloroethene	5.81	0.20	0.50	ug/L	5.00	ND	116	70-130			
Toluene	5.99	0.090	0.50	ug/L	5.00	ND	120	70-130			
1,2,3-Trichlorobenzene	5.13	0.40	0.50	ug/L	5.00	ND	103	70-130			
1,2,4-Trichlorobenzene	5.09	0.40	0.50	ug/L	5.00	ND	102	70-130			
1,1,1-Trichloroethane	4.51	0.10	0.50	ug/L	5.00	ND	90.2	70-130			
1,1,2-Trichloroethane	5.53	0.060	0.50	ug/L	5.00	ND	111	70-130			
Trichloroethene	5.45	0.10	0.50	ug/L	5.00	ND	109	70-130			
Trichlorofluoromethane	6.10	0.20	0.50	ug/L	5.00	ND	122	70-130			
Trichlorotrifluoroethane	5.80	0.10	0.50	ug/L	5.00	ND	116	70-130			
1,2,4-Trimethylbenzene	6.37	0.20	0.50	ug/L	5.00	ND	127	70-130			
1,3,5-Trimethylbenzene	6.00	0.30	0.50	ug/L	5.00	ND	120	70-130			
Vinyl chloride	6.64	0.20	0.50	ug/L	5.00	ND	133	70-130			QM-07
m,p-Xylene	12.5	0.20	0.50	ug/L	10.0	ND	125	70-130			
o-Xylene	6.03	0.20	0.50	ug/L	5.00	ND	121	70-130			
Xylenes (total)	18.5	0.20	0.50	ug/L	15.0	ND	123	70-130			
Methyl tert-butyl ether	3.54	0.50	3.0	ug/L	5.00	ND	70.8	70-130			
Ethyl tert-butyl ether	4.76	0.10	0.50	ug/L	5.00	ND	95.2	70-130			
Tert-amyl methyl ether	5.10	0.30	0.50	ug/L	5.00	ND	102	70-130			
Surrogate: Bromofluorobenzene	26.0			ug/L	25.0		104	70-130			
Surrogate: Dibromofluoromethane	20.5			ug/L	25.0		82.0	70-130			
Surrogate: Toluene-d8	23.4			ug/L	25.0		93.6	70-130			

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Alpha Analytical Laboratories, Inc. email: clientservices@alpha-labs.com
 Corporate: 208 Mason Street | Ukiah, CA 95482 | T: 707-468-0401 | F: 707-468-5267 | ELAP# 1551

Sample Traps, LLC 262 Rickenbacker Circle Livermore CA, 94551	Project Manager: Quality Control Manager Project: QC- 40ml Clear VOA- HCl Project Number: Navy Silicone Batch Number CB020	Reported: 09/22/23 08:26
---	--	-----------------------------

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch AH35143 - VOAs in Water GCMS

Blank (AH35143-BLK1)

Prepared & Analyzed: 08/30/23

Acetone	ND	0.70	5.0	ug/L							U
Acetonitrile	ND	20	100	ug/L							U
Acrylonitrile	ND	0.10	5.0	ug/L							U
Benzene	ND	0.060	0.30	ug/L							U
Bromobenzene	ND	0.070	0.50	ug/L							U
Bromochloromethane	ND	0.10	0.50	ug/L							U
Bromodichloromethane	ND	0.080	0.50	ug/L							U
Bromoform	ND	0.30	0.50	ug/L							U
Bromomethane	ND	0.40	0.50	ug/L							U
n-Butylbenzene	ND	0.40	0.50	ug/L							U
sec-Butylbenzene	ND	0.40	0.50	ug/L							U
tert-Butylbenzene	ND	0.30	0.50	ug/L							U
Carbon disulfide	ND	0.10	5.0	ug/L							U
Carbon tetrachloride	ND	0.10	0.50	ug/L							U
Chlorobenzene	ND	0.050	0.50	ug/L							U
Chloroethane	ND	0.10	0.50	ug/L							U
2-Chloroethylvinyl ether	ND	0.70	1.0	ug/L							U
Chloroform	ND	0.060	0.50	ug/L							U
Chloromethane	ND	0.40	0.50	ug/L							U
2-Chlorotoluene	ND	0.10	0.50	ug/L							U
4-Chlorotoluene	ND	0.10	0.50	ug/L							U
Dibromochloromethane	ND	0.10	0.50	ug/L							U
1,2-Dibromo-3-chloropropane	ND	0.20	2.0	ug/L							U
1,2-Dibromoethane (EDB)	ND	0.10	0.50	ug/L							U
Dibromomethane	ND	0.10	0.50	ug/L							U
1,2-Dichlorobenzene	ND	0.060	0.50	ug/L							U
1,3-Dichlorobenzene	ND	0.080	0.50	ug/L							U
1,4-Dichlorobenzene	ND	0.050	0.50	ug/L							U
trans-1,4-Dichloro-2-butene	ND	0.20	5.0	ug/L							U
Dichlorodifluoromethane	ND	0.10	0.50	ug/L							U
1,1-Dichloroethane	ND	0.080	0.50	ug/L							U
1,2-Dichloroethane	ND	0.40	0.50	ug/L							U
1,1-Dichloroethene	ND	0.10	0.50	ug/L							U
cis-1,2-Dichloroethene	ND	0.10	0.50	ug/L							U
trans-1,2-Dichloroethene	ND	0.10	0.50	ug/L							U
1,2-Dichloropropane	ND	0.40	0.50	ug/L							U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Alpha Analytical Laboratories, Inc. email: clientservices@alpha-labs.com
 Corporate: 208 Mason Street | Ukiah, CA 95482 | T: 707-468-0401 | F: 707-468-5267 | ELAP# 1551

Sample Traps, LLC
 262 Rickenbacker Circle
 Livermore CA, 94551

Project Manager: Quality Control Manager
 Project: QC- 40ml Clear VOA- HCl
 Project Number: Navy Silicone Batch Number CB020

Reported:
 09/22/23 08:26

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch AH35143 - VOAs in Water GCMS

Blank (AH35143-BLK1)

Prepared & Analyzed: 08/30/23

1,3-Dichloropropane	ND	0.050	0.50	ug/L							U
2,2-Dichloropropane	ND	0.20	0.50	ug/L							U
1,1-Dichloropropene	ND	0.10	0.50	ug/L							U
cis-1,3-Dichloropropene	ND	0.40	0.50	ug/L							U
trans-1,3-Dichloropropene	ND	0.40	0.50	ug/L							U
Diethyl ether	ND	0.20	1.0	ug/L							U
Di-isopropyl ether	ND	0.10	0.50	ug/L							U
Ethyl acetate	ND	0.10	2.0	ug/L							U
Ethylbenzene	ND	0.10	0.50	ug/L							U
Hexachlorobutadiene	ND	0.10	0.50	ug/L							U
Ethyl tert-butyl ether	ND	0.40	0.50	ug/L							U
Hexachloroethane	ND	0.40	1.0	ug/L							U
2-Hexanone	ND	0.20	5.0	ug/L							U
Isobutanol	ND	40	100	ug/L							U
Isopropyl alcohol	ND	30	100	ug/L							U
Isopropylbenzene	ND	0.10	0.50	ug/L							U
p-Isopropyltoluene	ND	0.10	0.50	ug/L							U
Methylene chloride	ND	0.20	0.50	ug/L							U
Methyl ethyl ketone	ND	0.30	1.0	ug/L							U
Methyl iodide	ND	0.10	2.0	ug/L							U
Methyl isobutyl ketone	ND	0.60	1.0	ug/L							U
Naphthalene	ND	0.50	0.50	ug/L							U
Methyl tert-butyl ether	ND	0.50	0.50	ug/L							U
n-Propylbenzene	ND	0.40	0.50	ug/L							U
Styrene	ND	0.10	0.50	ug/L							U
Tert-amyl methyl ether	ND	0.40	0.50	ug/L							U
Tert-butyl alcohol	ND	6.0	10	ug/L							U
1,1,1,2-Tetrachloroethane	ND	0.10	0.50	ug/L							U
1,1,2,2-Tetrachloroethane	ND	0.080	0.50	ug/L							U
Tetrachloroethene	ND	0.10	0.50	ug/L							U
Tetrahydrofuran	ND	0.10	5.0	ug/L							U
Toluene	ND	0.10	0.30	ug/L							U
1,2,3-Trichlorobenzene	ND	0.20	0.50	ug/L							U
1,2,4-Trichlorobenzene	ND	0.20	0.50	ug/L							U
1,1,1-Trichloroethane	ND	0.10	0.50	ug/L							U
1,1,2-Trichloroethane	ND	0.080	0.50	ug/L							U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Alpha Analytical Laboratories, Inc. email: clientservices@alpha-labs.com
 Corporate: 208 Mason Street | Ukiah, CA 95482 | T: 707-468-0401 | F: 707-468-5267 | ELAP# 1551

Sample Traps, LLC 262 Rickenbacker Circle Livermore CA, 94551	Project Manager: Quality Control Manager Project: QC- 40ml Clear VOA- HCl Project Number: Navy Silicone Batch Number CB020	Reported: 09/22/23 08:26
---	--	-----------------------------

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch AH35143 - VOAs in Water GCMS

Blank (AH35143-BLK1)

Prepared & Analyzed: 08/30/23

Trichloroethene	ND	0.10	0.50	ug/L							U
Trichlorofluoromethane	ND	0.20	0.50	ug/L							U
1,2,3-Trichloropropane	ND	0.10	0.50	ug/L							U
Trichlorotrifluoroethane	ND	0.20	0.50	ug/L							U
1,2,4-Trimethylbenzene	ND	0.40	0.50	ug/L							U
1,3,5-Trimethylbenzene	ND	0.30	0.50	ug/L							U
Vinyl acetate	ND	0.20	1.0	ug/L							U
Vinyl chloride	ND	0.40	0.50	ug/L							U
m,p-Xylene	ND	0.20	0.50	ug/L							U
o-Xylene	ND	0.10	0.50	ug/L							U
Xylenes (total)	ND	0.50	0.50	ug/L							U
Surrogate: Bromofluorobenzene	27.8			ug/L	25.0		111	70-130			
Surrogate: Dibromofluoromethane	26.2			ug/L	25.0		105	70-130			
Surrogate: Toluene-d8	30.7			ug/L	25.0		123	70-130			

LCS (AH35143-BS1)

Prepared & Analyzed: 08/30/23

Acetone	71.0	0.70	5.0	ug/L	80.0		88.8	48-124			
Acetonitrile	2130	20	100	ug/L	2000		106	70-130			
Acrylonitrile	18.0	0.10	5.0	ug/L	20.0		90.2	70-130			
Benzene	21.0	0.060	0.30	ug/L	20.0		105	82-122			
Bromobenzene	22.3	0.070	0.50	ug/L	20.0		111	83-122			
Bromochloromethane	18.6	0.10	0.50	ug/L	20.0		93.2	83-124			
Bromodichloromethane	19.5	0.080	0.50	ug/L	20.0		97.4	86-135			
Bromoform	20.9	0.30	0.50	ug/L	20.0		104	76-144			
Bromomethane	19.0	0.40	0.50	ug/L	20.0		94.8	69-145			
n-Butylbenzene	20.4	0.40	0.50	ug/L	20.0		102	79-132			
sec-Butylbenzene	23.6	0.40	0.50	ug/L	20.0		118	86-132			
tert-Butylbenzene	21.1	0.30	0.50	ug/L	20.0		105	82-126			
Carbon disulfide	16.8	0.10	5.0	ug/L	20.0		83.8	70-130			
Carbon tetrachloride	19.7	0.10	0.50	ug/L	20.0		98.6	77-134			
Chlorobenzene	20.2	0.050	0.50	ug/L	20.0		101	84-119			
Chloroethane	18.3	0.10	0.50	ug/L	20.0		91.4	68-133			
2-Chloroethylvinyl ether	36.9	0.70	1.0	ug/L	40.0		92.2	75-130			
Chloroform	19.1	0.060	0.50	ug/L	20.0		95.3	81-122			
Chloromethane	18.8	0.40	0.50	ug/L	20.0		94.0	63-129			
2-Chlorotoluene	23.0	0.10	0.50	ug/L	20.0		115	79-132			
4-Chlorotoluene	23.7	0.10	0.50	ug/L	20.0		118	80-122			

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Alpha Analytical Laboratories, Inc. email: clientservices@alpha-labs.com
 Corporate: 208 Mason Street | Ukiah, CA 95482 | T: 707-468-0401 | F: 707-468-5267 | ELAP# 1551

Sample Traps, LLC 262 Rickenbacker Circle Livermore CA, 94551	Project Manager: Quality Control Manager Project: QC- 40ml Clear VOA- HCl Project Number: Navy Silicone Batch Number CB020	Reported: 09/22/23 08:26
---	--	-----------------------------

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch AH35143 - VOAs in Water GCMS

LCS (AH35143-BS1)		Prepared & Analyzed: 08/30/23									
Dibromochloromethane	19.5	0.10	0.50	ug/L	20.0		97.6	83-135			
1,2-Dibromo-3-chloropropane	20.7	0.20	2.0	ug/L	20.0		104	73-128			
1,2-Dibromoethane (EDB)	21.1	0.10	0.50	ug/L	20.0		105	80-120			
Dibromomethane	19.1	0.10	0.50	ug/L	20.0		95.4	82-124			
1,2-Dichlorobenzene	21.4	0.060	0.50	ug/L	20.0		107	84-121			
1,3-Dichlorobenzene	21.9	0.080	0.50	ug/L	20.0		110	80-120			
1,4-Dichlorobenzene	20.2	0.050	0.50	ug/L	20.0		101	84-120			
trans-1,4-Dichloro-2-butene	22.4	0.20	5.0	ug/L	20.0		112	70-130			
Dichlorodifluoromethane	20.2	0.10	0.50	ug/L	20.0		101	52-142			
1,1-Dichloroethane	18.6	0.080	0.50	ug/L	20.0		92.8	81-126			
1,2-Dichloroethane	17.9	0.40	0.50	ug/L	20.0		89.6	77-117			
1,1-Dichloroethene	19.5	0.10	0.50	ug/L	20.0		97.5	71-151			
cis-1,2-Dichloroethene	20.7	0.10	0.50	ug/L	20.0		104	84-131			
trans-1,2-Dichloroethene	17.5	0.10	0.50	ug/L	20.0		87.6	79-128			
1,2-Dichloropropane	20.1	0.40	0.50	ug/L	20.0		100	82-125			
1,3-Dichloropropane	20.9	0.050	0.50	ug/L	20.0		105	83-120			
2,2-Dichloropropane	18.0	0.20	0.50	ug/L	20.0		90.0	80-125			
1,1-Dichloropropene	19.9	0.10	0.50	ug/L	20.0		99.7	85-130			
cis-1,3-Dichloropropene	21.0	0.40	0.50	ug/L	20.0		105	83-128			
trans-1,3-Dichloropropene	20.2	0.40	0.50	ug/L	20.0		101	67-129			
Diethyl ether	16.7	0.20	1.0	ug/L	20.0		83.7	70-130			
Di-isopropyl ether	21.7	0.10	0.50	ug/L	20.0		108	83-132			
Ethyl acetate	21.2	0.10	2.0	ug/L	20.0		106	70-150			
Ethylbenzene	22.3	0.10	0.50	ug/L	20.0		111	84-124			
Ethyl tert-butyl ether	21.2	0.40	0.50	ug/L	20.0		106	74-127			
Hexachloroethane	19.0	0.40	1.0	ug/L	20.0		95.0	70-130			
Hexachlorobutadiene	21.5	0.10	0.50	ug/L	20.0		108	75-135			
2-Hexanone	23.8	0.20	5.0	ug/L	20.0		119	70-130			
Isobutanol	2660	40	100	ug/L	2000		133	70-130			QL-11
Isopropylbenzene	24.4	0.10	0.50	ug/L	20.0		122	75-116			QL-03
p-Isopropyltoluene	24.2	0.10	0.50	ug/L	20.0		121	78-124			
Methylene chloride	16.2	0.20	0.50	ug/L	20.0		81.0	72-132			
Methyl ethyl ketone	44.2	0.30	1.0	ug/L	40.0		110	58-157			
Methyl iodide	15.4	0.10	2.0	ug/L	20.0		76.9	56-167			
Methyl isobutyl ketone	40.6	0.60	1.0	ug/L	40.0		102	70-130			
Methyl tert-butyl ether	18.3	0.50	0.50	ug/L	20.0		91.3	84-119			

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Alpha Analytical Laboratories, Inc. email: clientservices@alpha-labs.com
 Corporate: 208 Mason Street | Ukiah, CA 95482 | T: 707-468-0401 | F: 707-468-5267 | ELAP# 1551

Sample Traps, LLC
 262 Rickenbacker Circle
 Livermore CA, 94551

Project Manager: Quality Control Manager
 Project: QC- 40ml Clear VOA- HCl
 Project Number: Navy Silicone Batch Number CB020

Reported:
 09/22/23 08:26

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch AH35143 - VOAs in Water GCMS

LCS (AH35143-BS1)

Prepared & Analyzed: 08/30/23

Naphthalene	20.4	0.50	0.50	ug/L	20.0		102	84-134			
n-Propylbenzene	23.9	0.40	0.50	ug/L	20.0		119	75-127			
Styrene	23.7	0.10	0.50	ug/L	20.0		119	80-125			
Tert-amyl methyl ether	18.6	0.40	0.50	ug/L	20.0		93.2	74-120			
Tert-butyl alcohol	445	6.0	10	ug/L	400		111	66-147			
1,1,1,2-Tetrachloroethane	19.6	0.10	0.50	ug/L	20.0		98.2	80-132			
1,1,2,2-Tetrachloroethane	20.8	0.080	0.50	ug/L	20.0		104	84-115			
Tetrachloroethene	21.0	0.10	0.50	ug/L	20.0		105	56-156			
Tetrahydrofuran	22.3	0.10	5.0	ug/L	20.0		112	70-130			
Toluene	22.2	0.10	0.30	ug/L	20.0		111	76-137			
1,2,3-Trichlorobenzene	19.8	0.20	0.50	ug/L	20.0		99.2	85-133			
1,2,4-Trichlorobenzene	20.0	0.20	0.50	ug/L	20.0		100	84-126			
1,1,1-Trichloroethane	19.1	0.10	0.50	ug/L	20.0		95.3	70-130			
1,1,2-Trichloroethane	20.7	0.080	0.50	ug/L	20.0		104	83-122			
Trichloroethene	20.2	0.10	0.50	ug/L	20.0		101	84-123			
Trichlorofluoromethane	14.4	0.20	0.50	ug/L	20.0		72.2	74-130			QL-03
1,2,3-Trichloropropane	20.8	0.10	0.50	ug/L	20.0		104	78-122			
Trichlorotrifluoroethane	16.0	0.20	0.50	ug/L	20.0		80.2	82-125			QL-03
1,2,4-Trimethylbenzene	20.6	0.40	0.50	ug/L	20.0		103	85-127			
1,3,5-Trimethylbenzene	20.8	0.30	0.50	ug/L	20.0		104	80-125			
Vinyl acetate	48.9	0.20	1.0	ug/L	40.0		122	60-140			
Vinyl chloride	15.9	0.40	0.50	ug/L	20.0		79.6	70-130			
m,p-Xylene	46.3	0.20	0.50	ug/L	40.0		116	81-124			
o-Xylene	23.3	0.10	0.50	ug/L	20.0		116	80-126			
Xylenes (total)	69.6	0.50	0.50	ug/L	60.0		116	81-126			
Surrogate: Bromofluorobenzene	30.8			ug/L	25.0		123	70-130			
Surrogate: Dibromofluoromethane	25.7			ug/L	25.0		103	70-130			
Surrogate: Toluene-d8	29.6			ug/L	25.0		118	70-130			



Alpha Analytical Laboratories, Inc. email: clientservices@alpha-labs.com
 Corporate: 208 Mason Street | Ukiah, CA 95482 | T: 707-468-0401 | F: 707-468-5267 | ELAP# 1551

Sample Traps, LLC 262 Rickenbacker Circle Livermore CA, 94551	Project Manager: Quality Control Manager Project: QC- 40ml Clear VOA- HCl Project Number: Navy Silicone Batch Number CB020	Reported: 09/22/23 08:26
---	--	-----------------------------

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch AH35143 - VOAs in Water GCMS

LCS Dup (AH35143-BSD1)

Prepared & Analyzed: 08/30/23

Acetone	76.8	0.70	5.0	ug/L	80.0		96.0	48-124	7.82	25	
Acetonitrile	2080	20	100	ug/L	2000		104	70-130	2.49	25	
Acrylonitrile	17.3	0.10	5.0	ug/L	20.0		86.5	70-130	4.19	25	
Benzene	20.4	0.060	0.30	ug/L	20.0		102	82-122	2.86	25	
Bromobenzene	22.3	0.070	0.50	ug/L	20.0		112	83-122	0.0448	25	
Bromochloromethane	18.2	0.10	0.50	ug/L	20.0		91.1	83-124	2.28	25	
Bromodichloromethane	18.9	0.080	0.50	ug/L	20.0		94.4	86-135	3.18	25	
Bromoform	19.9	0.30	0.50	ug/L	20.0		99.7	76-144	4.56	25	
Bromomethane	19.0	0.40	0.50	ug/L	20.0		95.2	69-145	0.526	25	
n-Butylbenzene	19.7	0.40	0.50	ug/L	20.0		98.6	79-132	3.14	25	
sec-Butylbenzene	23.1	0.40	0.50	ug/L	20.0		116	86-132	2.05	25	
tert-Butylbenzene	20.4	0.30	0.50	ug/L	20.0		102	82-126	3.38	25	
Carbon disulfide	17.2	0.10	5.0	ug/L	20.0		86.0	70-130	2.59	30	
Carbon tetrachloride	18.8	0.10	0.50	ug/L	20.0		94.2	77-134	4.62	25	
Chlorobenzene	19.7	0.050	0.50	ug/L	20.0		98.6	84-119	2.16	25	
Chloroethane	17.9	0.10	0.50	ug/L	20.0		89.4	68-133	2.21	25	
2-Chloroethylvinyl ether	37.2	0.70	1.0	ug/L	40.0		92.9	75-130	0.757	30	
Chloroform	18.6	0.060	0.50	ug/L	20.0		93.2	81-122	2.28	25	
Chloromethane	17.8	0.40	0.50	ug/L	20.0		89.2	63-129	5.19	25	
2-Chlorotoluene	23.2	0.10	0.50	ug/L	20.0		116	79-132	0.780	25	
4-Chlorotoluene	23.3	0.10	0.50	ug/L	20.0		116	80-122	1.66	25	
Dibromochloromethane	19.8	0.10	0.50	ug/L	20.0		99.2	83-135	1.68	25	
1,2-Dibromo-3-chloropropane	20.0	0.20	2.0	ug/L	20.0		99.8	73-128	3.83	25	
1,2-Dibromoethane (EDB)	20.9	0.10	0.50	ug/L	20.0		105	80-120	0.666	25	
Dibromomethane	18.5	0.10	0.50	ug/L	20.0		92.3	82-124	3.36	25	
1,2-Dichlorobenzene	21.4	0.060	0.50	ug/L	20.0		107	84-121	0.281	25	
1,3-Dichlorobenzene	21.6	0.080	0.50	ug/L	20.0		108	80-120	1.66	25	
1,4-Dichlorobenzene	20.0	0.050	0.50	ug/L	20.0		100	84-120	0.945	25	
trans-1,4-Dichloro-2-butene	23.0	0.20	5.0	ug/L	20.0		115	70-130	2.56	25	
Dichlorodifluoromethane	18.7	0.10	0.50	ug/L	20.0		93.4	52-142	8.07	25	
1,1-Dichloroethane	18.3	0.080	0.50	ug/L	20.0		91.4	81-126	1.52	25	
1,2-Dichloroethane	17.3	0.40	0.50	ug/L	20.0		86.4	77-117	3.58	25	
1,1-Dichloroethene	19.4	0.10	0.50	ug/L	20.0		97.2	71-151	0.257	25	
cis-1,2-Dichloroethene	20.1	0.10	0.50	ug/L	20.0		101	84-131	2.79	25	
trans-1,2-Dichloroethene	17.7	0.10	0.50	ug/L	20.0		88.4	79-128	0.966	25	
1,2-Dichloropropane	19.6	0.40	0.50	ug/L	20.0		98.0	82-125	2.37	25	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Alpha Analytical Laboratories, Inc. email: clientservices@alpha-labs.com
 Corporate: 208 Mason Street | Ukiah, CA 95482 | T: 707-468-0401 | F: 707-468-5267 | ELAP# 1551

Sample Traps, LLC 262 Rickenbacker Circle Livermore CA, 94551	Project Manager: Quality Control Manager Project: QC- 40ml Clear VOA- HCl Project Number: Navy Silicone Batch Number CB020	Reported: 09/22/23 08:26
---	--	-----------------------------

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch AH35143 - VOAs in Water GCMS

LCS Dup (AH35143-BSD1)

Prepared & Analyzed: 08/30/23

1,3-Dichloropropane	21.1	0.050	0.50	ug/L	20.0		105	83-120	0.667	25	
2,2-Dichloropropane	17.4	0.20	0.50	ug/L	20.0		87.2	80-125	3.10	25	
1,1-Dichloropropene	19.3	0.10	0.50	ug/L	20.0		96.6	85-130	3.11	25	
cis-1,3-Dichloropropene	21.0	0.40	0.50	ug/L	20.0		105	83-128	0.381	25	
trans-1,3-Dichloropropene	20.2	0.40	0.50	ug/L	20.0		101	67-129	0.347	25	
Diethyl ether	16.3	0.20	1.0	ug/L	20.0		81.4	70-130	2.85	25	
Di-isopropyl ether	21.1	0.10	0.50	ug/L	20.0		106	83-132	2.62	25	
Ethyl acetate	20.9	0.10	2.0	ug/L	20.0		104	70-150	1.43	25	
Ethylbenzene	22.6	0.10	0.50	ug/L	20.0		113	84-124	1.25	25	
Hexachlorobutadiene	20.6	0.10	0.50	ug/L	20.0		103	75-135	4.52	25	
Hexachloroethane	18.5	0.40	1.0	ug/L	20.0		92.5	70-130	2.61	25	
Ethyl tert-butyl ether	21.0	0.40	0.50	ug/L	20.0		105	74-127	0.901	25	
2-Hexanone	23.9	0.20	5.0	ug/L	20.0		119	70-130	0.210	30	
Isopropylbenzene	24.1	0.10	0.50	ug/L	20.0		121	75-116	1.19	25	QL-03
Isobutanol	2590	40	100	ug/L	2000		129	70-130	2.66	25	
p-Isopropyltoluene	23.9	0.10	0.50	ug/L	20.0		120	78-124	1.21	25	
Methylene chloride	16.1	0.20	0.50	ug/L	20.0		80.5	72-132	0.619	25	
Methyl ethyl ketone	40.2	0.30	1.0	ug/L	40.0		100	58-157	9.58	25	
Methyl iodide	14.2	0.10	2.0	ug/L	20.0		71.0	56-167	8.05	30	
Methyl isobutyl ketone	40.4	0.60	1.0	ug/L	40.0		101	70-130	0.568	25	
Methyl tert-butyl ether	18.5	0.50	0.50	ug/L	20.0		92.4	84-119	1.14	25	
Naphthalene	20.7	0.50	0.50	ug/L	20.0		103	84-134	1.66	25	
n-Propylbenzene	23.9	0.40	0.50	ug/L	20.0		120	75-127	0.0419	25	
Styrene	23.9	0.10	0.50	ug/L	20.0		119	80-125	0.630	25	
Tert-amyl methyl ether	18.8	0.40	0.50	ug/L	20.0		94.2	74-120	1.01	25	
Tert-butyl alcohol	445	6.0	10	ug/L	400		111	66-147	0.0404	25	
1,1,1,2-Tetrachloroethane	19.5	0.10	0.50	ug/L	20.0		97.4	80-132	0.767	25	
1,1,2,2-Tetrachloroethane	20.3	0.080	0.50	ug/L	20.0		102	84-115	2.33	25	
Tetrachloroethene	19.8	0.10	0.50	ug/L	20.0		99.2	56-156	5.59	25	
Tetrahydrofuran	20.6	0.10	5.0	ug/L	20.0		103	70-130	8.16	25	
Toluene	21.9	0.10	0.30	ug/L	20.0		109	76-137	1.45	25	
1,2,4-Trichlorobenzene	19.9	0.20	0.50	ug/L	20.0		99.6	84-126	0.601	25	
1,2,3-Trichlorobenzene	20.0	0.20	0.50	ug/L	20.0		100	85-133	1.00	25	
1,1,1-Trichloroethane	18.4	0.10	0.50	ug/L	20.0		92.2	70-130	3.25	25	
1,1,2-Trichloroethane	21.0	0.080	0.50	ug/L	20.0		105	83-122	1.10	25	
Trichloroethene	20.4	0.10	0.50	ug/L	20.0		102	84-123	0.739	25	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Alpha Analytical Laboratories, Inc. email: clientservices@alpha-labs.com
 Corporate: 208 Mason Street | Ukiah, CA 95482 | T: 707-468-0401 | F: 707-468-5267 | ELAP# 1551

Sample Traps, LLC
 262 Rickenbacker Circle
 Livermore CA, 94551

Project Manager: Quality Control Manager
 Project: QC- 40ml Clear VOA- HCl
 Project Number: Navy Silicone Batch Number CB020

Reported:
 09/22/23 08:26

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch AH35143 - VOAs in Water GCMS

LCS Dup (AH35143-BSD1)

Prepared & Analyzed: 08/30/23

Trichlorofluoromethane	16.0	0.20	0.50	ug/L	20.0		79.9	74-130	10.1	25	
1,2,3-Trichloropropane	20.6	0.10	0.50	ug/L	20.0		103	78-122	1.01	25	
Trichlorotrifluoroethane	16.3	0.20	0.50	ug/L	20.0		81.6	82-125	1.73	25	QL-03
1,2,4-Trimethylbenzene	20.8	0.40	0.50	ug/L	20.0		104	85-127	0.628	25	
1,3,5-Trimethylbenzene	20.3	0.30	0.50	ug/L	20.0		102	80-125	2.63	25	
Vinyl acetate	45.7	0.20	1.0	ug/L	40.0		114	60-140	6.73	25	
Vinyl chloride	15.0	0.40	0.50	ug/L	20.0		75.2	70-130	5.62	25	
m,p-Xylene	45.6	0.20	0.50	ug/L	40.0		114	81-124	1.65	25	
o-Xylene	22.9	0.10	0.50	ug/L	20.0		114	80-126	1.60	25	
Xylenes (total)	68.4	0.50	0.50	ug/L	60.0		114	81-126	1.64	25	
Surrogate: Bromofluorobenzene	29.7			ug/L	25.0		119	70-130			
Surrogate: Dibromofluoromethane	24.7			ug/L	25.0		98.8	70-130			
Surrogate: Toluene-d8	29.2			ug/L	25.0		117	70-130			

Matrix Spike (AH35143-MS1)

Source: 23H2960-01

Prepared: 08/30/23 Analyzed: 08/31/23

Acetone	67.0	0.70	5.0	ug/L	80.0	2.82	80.2	32-164			
Acetonitrile	1820	20	100	ug/L	2000	ND	91.1	70-130			
Acrylonitrile	17.8	0.10	5.0	ug/L	20.0	ND	88.9	70-130			
Benzene	22.7	0.060	0.30	ug/L	20.0	ND	113	58-139			
Bromobenzene	23.8	0.070	0.50	ug/L	20.0	ND	119	63-143			
Bromochloromethane	20.4	0.10	0.50	ug/L	20.0	ND	102	60-141			
Bromodichloromethane	20.7	0.080	0.50	ug/L	20.0	ND	104	62-140			
Bromoform	20.0	0.30	0.50	ug/L	20.0	ND	100	47-165			
Bromomethane	20.2	0.40	0.50	ug/L	20.0	ND	101	30-163			
n-Butylbenzene	21.0	0.40	0.50	ug/L	20.0	ND	105	57-147			
sec-Butylbenzene	26.2	0.40	0.50	ug/L	20.0	ND	131	64-155			
tert-Butylbenzene	23.3	0.30	0.50	ug/L	20.0	ND	117	57-150			
Carbon disulfide	23.0	0.10	5.0	ug/L	20.0	ND	115	70-130			
Carbon tetrachloride	23.0	0.10	0.50	ug/L	20.0	ND	115	65-153			
Chlorobenzene	21.3	0.050	0.50	ug/L	20.0	ND	107	58-137			
Chloroethane	16.6	0.10	0.50	ug/L	20.0	ND	83.2	59-141			
2-Chloroethylvinyl ether	ND	0.70	1.0	ug/L	40.0	ND		73-107			QM-05, U
Chloroform	20.7	0.060	0.50	ug/L	20.0	ND	104	36-151			
Chloromethane	22.5	0.40	0.50	ug/L	20.0	ND	113	69-149			
2-Chlorotoluene	24.8	0.10	0.50	ug/L	20.0	ND	124	54-150			
4-Chlorotoluene	24.9	0.10	0.50	ug/L	20.0	ND	125	59-140			
Dibromochloromethane	20.7	0.10	0.50	ug/L	20.0	ND	103	54-157			

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Alpha Analytical Laboratories, Inc. email: clientservices@alpha-labs.com
 Corporate: 208 Mason Street | Ukiah, CA 95482 | T: 707-468-0401 | F: 707-468-5267 | ELAP# 1551

Sample Traps, LLC 262 Rickenbacker Circle Livermore CA, 94551	Project Manager: Quality Control Manager Project: QC- 40ml Clear VOA- HCl Project Number: Navy Silicone Batch Number CB020	Reported: 09/22/23 08:26
---	--	-----------------------------

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch AH35143 - VOAs in Water GCMS

Matrix Spike (AH35143-MS1)	Source: 23H2960-01			Prepared: 08/30/23		Analyzed: 08/31/23				
1,2-Dibromo-3-chloropropane	16.1	0.20	2.0	ug/L	20.0	ND	80.7	54-137		
1,2-Dibromoethane (EDB)	21.0	0.10	0.50	ug/L	20.0	ND	105	40-147		
Dibromomethane	19.4	0.10	0.50	ug/L	20.0	ND	96.8	59-139		
1,2-Dichlorobenzene	22.2	0.060	0.50	ug/L	20.0	ND	111	39-145		
1,3-Dichlorobenzene	23.5	0.080	0.50	ug/L	20.0	ND	118	54-137		
1,4-Dichlorobenzene	20.9	0.050	0.50	ug/L	20.0	ND	104	41-142		
trans-1,4-Dichloro-2-butene	20.3	0.20	5.0	ug/L	20.0	ND	102	70-130		
Dichlorodifluoromethane	22.9	0.10	0.50	ug/L	20.0	ND	115	39-162		
1,1-Dichloroethane	21.0	0.080	0.50	ug/L	20.0	ND	105	39-146		
1,2-Dichloroethane	18.3	0.40	0.50	ug/L	20.0	ND	91.6	58-133		
1,1-Dichloroethene	23.3	0.10	0.50	ug/L	20.0	ND	117	70-154		
cis-1,2-Dichloroethene	21.8	0.10	0.50	ug/L	20.0	ND	109	66-141		
trans-1,2-Dichloroethene	20.1	0.10	0.50	ug/L	20.0	ND	100	59-151		
1,2-Dichloropropane	20.7	0.40	0.50	ug/L	20.0	ND	104	41-142		
1,3-Dichloropropane	21.4	0.050	0.50	ug/L	20.0	ND	107	62-139		
2,2-Dichloropropane	20.0	0.20	0.50	ug/L	20.0	ND	99.8	40-167		
1,1-Dichloropropene	23.0	0.10	0.50	ug/L	20.0	ND	115	58-148		
cis-1,3-Dichloropropene	21.3	0.40	0.50	ug/L	20.0	ND	107	50-140		
trans-1,3-Dichloropropene	20.5	0.40	0.50	ug/L	20.0	ND	102	40-144		
Diethyl ether	17.0	0.20	1.0	ug/L	20.0	ND	84.8	70-130		
Di-isopropyl ether	22.0	0.10	0.50	ug/L	20.0	ND	110	49-143		
Ethyl acetate	15.5	0.10	2.0	ug/L	20.0	ND	77.5	70-150		
Ethylbenzene	25.0	0.10	0.50	ug/L	20.0	ND	125	59-147		
Hexachlorobutadiene	21.9	0.10	0.50	ug/L	20.0	ND	110	56-149		
Hexachloroethane	20.1	0.40	1.0	ug/L	20.0	ND	100	70-130		
Ethyl tert-butyl ether	21.6	0.40	0.50	ug/L	20.0	ND	108	44-143		
2-Hexanone	19.4	0.20	5.0	ug/L	20.0	ND	96.8	70-130		
Isobutanol	1900	40	100	ug/L	2000	ND	95.2	70-130		
Isopropylbenzene	27.2	0.10	0.50	ug/L	20.0	ND	136	56-134		QM-05
p-Isopropyltoluene	26.5	0.10	0.50	ug/L	20.0	ND	132	54-148		
Methylene chloride	19.8	0.20	0.50	ug/L	20.0	ND	99.2	43-143		
Methyl ethyl ketone	37.2	0.30	1.0	ug/L	40.0	ND	92.9	62-126		
Methyl iodide	14.0	0.10	2.0	ug/L	20.0	ND	70.0	70-130		
Methyl isobutyl ketone	34.5	0.60	1.0	ug/L	40.0	ND	86.2	66-127		
Naphthalene	18.4	0.50	0.50	ug/L	20.0	ND	92.1	52-157		
Methyl tert-butyl ether	18.0	0.50	0.50	ug/L	20.0	ND	90.2	55-144		

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Alpha Analytical Laboratories, Inc. email: clientservices@alpha-labs.com
 Corporate: 208 Mason Street | Ukiah, CA 95482 | T: 707-468-0401 | F: 707-468-5267 | ELAP# 1551

Sample Traps, LLC 262 Rickenbacker Circle Livermore CA, 94551	Project Manager: Quality Control Manager Project: QC- 40ml Clear VOA- HCl Project Number: Navy Silicone Batch Number CB020	Reported: 09/22/23 08:26
---	--	-----------------------------

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch AH35143 - VOAs in Water GCMS

Matrix Spike (AH35143-MS1)	Source: 23H2960-01			Prepared: 08/30/23		Analyzed: 08/31/23		
n-Propylbenzene	26.4	0.40	0.50	ug/L	20.0	ND	132	55-145
Styrene	24.5	0.10	0.50	ug/L	20.0	ND	123	51-157
Tert-amyl methyl ether	19.6	0.40	0.50	ug/L	20.0	ND	98.2	41-136
Tert-butyl alcohol	367	6.0	10	ug/L	400	ND	91.6	38-175
1,1,1,2-Tetrachloroethane	20.7	0.10	0.50	ug/L	20.0	ND	103	58-146
1,1,2,2-Tetrachloroethane	19.4	0.080	0.50	ug/L	20.0	ND	96.8	73-127
Tetrachloroethene	23.0	0.10	0.50	ug/L	20.0	ND	115	49-148
Tetrahydrofuran	19.6	0.10	5.0	ug/L	20.0	ND	97.9	70-130
Toluene	24.5	0.10	0.30	ug/L	20.0	ND	122	59-147
1,2,3-Trichlorobenzene	19.4	0.20	0.50	ug/L	20.0	ND	97.1	50-161
1,2,4-Trichlorobenzene	19.9	0.20	0.50	ug/L	20.0	ND	99.6	50-150
1,1,1-Trichloroethane	21.5	0.10	0.50	ug/L	20.0	ND	107	38-164
1,1,2-Trichloroethane	21.2	0.080	0.50	ug/L	20.0	ND	106	46-136
Trichloroethene	22.1	0.10	0.50	ug/L	20.0	ND	111	58-140
Trichlorofluoromethane	15.9	0.20	0.50	ug/L	20.0	ND	79.4	56-144
1,2,3-Trichloropropane	19.0	0.10	0.50	ug/L	20.0	ND	95.1	61-139
Trichlorotrifluoroethane	20.9	0.20	0.50	ug/L	20.0	ND	105	59-139
1,2,4-Trimethylbenzene	22.3	0.40	0.50	ug/L	20.0	ND	111	58-152
1,3,5-Trimethylbenzene	22.5	0.30	0.50	ug/L	20.0	ND	113	58-148
Vinyl acetate	39.5	0.20	1.0	ug/L	40.0	ND	98.7	70-130
Vinyl chloride	20.5	0.40	0.50	ug/L	20.0	ND	102	53-160
m,p-Xylene	50.4	0.20	0.50	ug/L	40.0	ND	126	53-147
o-Xylene	24.7	0.10	0.50	ug/L	20.0	ND	123	55-148
Xylenes (total)	75.0	0.50	0.50	ug/L	60.0	ND	125	49-153
Surrogate: Bromofluorobenzene	30.1			ug/L	25.0		120	70-130
Surrogate: Dibromofluoromethane	25.9			ug/L	25.0		104	70-130
Surrogate: Toluene-d8	29.5			ug/L	25.0		118	70-130

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Alpha Analytical Laboratories, Inc. email: clientservices@alpha-labs.com
 Corporate: 208 Mason Street | Ukiah, CA 95482 | T: 707-468-0401 | F: 707-468-5267 | ELAP# 1551

Sample Traps, LLC 262 Rickenbacker Circle Livermore CA, 94551	Project Manager: Quality Control Manager Project: QC- 40ml Clear VOA- HCl Project Number: Navy Silicone Batch Number CB020	Reported: 09/22/23 08:26
---	--	-----------------------------

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch AH35143 - VOAs in Water GCMS

Matrix Spike Dup (AH35143-MSD1)	Source: 23H2960-01			Prepared: 08/30/23		Analyzed: 08/31/23					
Acetone	61.2	0.70	5.0	ug/L	80.0	2.82	73.0	32-164	8.91	25	
Acetonitrile	1840	20	100	ug/L	2000	ND	92.1	70-130	1.14	25	
Acrylonitrile	17.0	0.10	5.0	ug/L	20.0	ND	85.0	70-130	4.43	25	
Benzene	22.4	0.060	0.30	ug/L	20.0	ND	112	58-139	1.33	25	
Bromobenzene	23.5	0.070	0.50	ug/L	20.0	ND	118	63-143	1.35	25	
Bromochloromethane	20.2	0.10	0.50	ug/L	20.0	ND	101	60-141	1.33	25	
Bromodichloromethane	20.1	0.080	0.50	ug/L	20.0	ND	100	62-140	3.04	25	
Bromoform	19.5	0.30	0.50	ug/L	20.0	ND	97.7	47-165	2.48	25	
Bromomethane	21.6	0.40	0.50	ug/L	20.0	ND	108	30-163	6.45	25	
n-Butylbenzene	20.8	0.40	0.50	ug/L	20.0	ND	104	57-147	1.20	25	
sec-Butylbenzene	25.6	0.40	0.50	ug/L	20.0	ND	128	64-155	2.32	25	
tert-Butylbenzene	22.8	0.30	0.50	ug/L	20.0	ND	114	57-150	2.26	25	
Carbon disulfide	22.2	0.10	5.0	ug/L	20.0	ND	111	70-130	3.72	30	
Carbon tetrachloride	22.3	0.10	0.50	ug/L	20.0	ND	111	65-153	3.31	25	
Chlorobenzene	21.3	0.050	0.50	ug/L	20.0	ND	106	58-137	0.282	25	
Chloroethane	17.3	0.10	0.50	ug/L	20.0	ND	86.6	59-141	3.95	25	
2-Chloroethylvinyl ether	ND	0.70	1.0	ug/L	40.0	ND		73-107		30	QM-05, U
Chloroform	20.4	0.060	0.50	ug/L	20.0	ND	102	36-151	1.75	25	
Chloromethane	21.3	0.40	0.50	ug/L	20.0	ND	107	69-149	5.43	25	
2-Chlorotoluene	25.1	0.10	0.50	ug/L	20.0	ND	126	54-150	1.36	25	
4-Chlorotoluene	25.1	0.10	0.50	ug/L	20.0	ND	125	59-140	0.560	25	
Dibromochloromethane	20.6	0.10	0.50	ug/L	20.0	ND	103	54-157	0.339	25	
1,2-Dibromo-3-chloropropane	16.9	0.20	2.0	ug/L	20.0	ND	84.6	54-137	4.66	25	
1,2-Dibromoethane (EDB)	21.4	0.10	0.50	ug/L	20.0	ND	107	40-147	2.22	25	
Dibromomethane	19.0	0.10	0.50	ug/L	20.0	ND	95.2	59-139	1.67	25	
1,2-Dichlorobenzene	22.0	0.060	0.50	ug/L	20.0	ND	110	39-145	1.27	25	
1,3-Dichlorobenzene	23.2	0.080	0.50	ug/L	20.0	ND	116	54-137	1.46	25	
1,4-Dichlorobenzene	20.9	0.050	0.50	ug/L	20.0	ND	104	41-142	0.00	25	
trans-1,4-Dichloro-2-butene	18.9	0.20	5.0	ug/L	20.0	ND	94.5	70-130	7.24	25	
Dichlorodifluoromethane	22.5	0.10	0.50	ug/L	20.0	ND	113	39-162	1.72	25	
1,1-Dichloroethane	20.4	0.080	0.50	ug/L	20.0	ND	102	39-146	2.66	25	
1,2-Dichloroethane	18.3	0.40	0.50	ug/L	20.0	ND	91.4	58-133	0.218	25	
1,1-Dichloroethene	22.2	0.10	0.50	ug/L	20.0	ND	111	70-154	5.10	25	
cis-1,2-Dichloroethene	21.5	0.10	0.50	ug/L	20.0	ND	108	66-141	1.34	25	
trans-1,2-Dichloroethene	20.0	0.10	0.50	ug/L	20.0	ND	100	59-151	0.0499	25	
1,2-Dichloropropane	20.9	0.40	0.50	ug/L	20.0	ND	104	41-142	0.818	25	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Alpha Analytical Laboratories, Inc. email: clientservices@alpha-labs.com
 Corporate: 208 Mason Street | Ukiah, CA 95482 | T: 707-468-0401 | F: 707-468-5267 | ELAP# 1551

Sample Traps, LLC 262 Rickenbacker Circle Livermore CA, 94551	Project Manager: Quality Control Manager Project: QC- 40ml Clear VOA- HCl Project Number: Navy Silicone Batch Number CB020	Reported: 09/22/23 08:26
---	--	-----------------------------

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch AH35143 - VOAs in Water GCMS

Matrix Spike Dup (AH35143-MSD1)	Source: 23H2960-01			Prepared: 08/30/23		Analyzed: 08/31/23					
1,3-Dichloropropane	21.2	0.050	0.50	ug/L	20.0	ND	106	62-139	0.752	25	
2,2-Dichloropropane	19.2	0.20	0.50	ug/L	20.0	ND	95.8	40-167	4.14	25	
1,1-Dichloropropene	22.7	0.10	0.50	ug/L	20.0	ND	114	58-148	1.22	25	
cis-1,3-Dichloropropene	21.5	0.40	0.50	ug/L	20.0	ND	107	50-140	0.748	25	
trans-1,3-Dichloropropene	20.4	0.40	0.50	ug/L	20.0	ND	102	40-144	0.734	25	
Diethyl ether	17.3	0.20	1.0	ug/L	20.0	ND	86.7	70-130	2.22	25	
Di-isopropyl ether	22.1	0.10	0.50	ug/L	20.0	ND	110	49-143	0.591	25	
Ethyl acetate	15.8	0.10	2.0	ug/L	20.0	ND	79.2	70-150	2.11	25	
Ethylbenzene	24.7	0.10	0.50	ug/L	20.0	ND	123	59-147	1.21	25	
Ethyl tert-butyl ether	21.5	0.40	0.50	ug/L	20.0	ND	108	44-143	0.417	25	
Hexachlorobutadiene	22.1	0.10	0.50	ug/L	20.0	ND	111	56-149	0.863	25	
Hexachloroethane	19.8	0.40	1.0	ug/L	20.0	ND	98.9	70-130	1.60	25	
2-Hexanone	19.6	0.20	5.0	ug/L	20.0	ND	98.2	70-130	1.44	30	
Isobutanol	2000	40	100	ug/L	2000	ND	99.8	70-130	4.79	25	
Isopropylbenzene	26.9	0.10	0.50	ug/L	20.0	ND	135	56-134	0.962	25	QM-05
p-Isopropyltoluene	26.2	0.10	0.50	ug/L	20.0	ND	131	54-148	1.18	25	
Methylene chloride	19.2	0.20	0.50	ug/L	20.0	ND	96.0	43-143	3.28	25	
Methyl ethyl ketone	33.9	0.30	1.0	ug/L	40.0	ND	84.7	62-126	9.29	25	
Methyl iodide	15.1	0.10	2.0	ug/L	20.0	ND	75.6	70-130	7.55	30	
Methyl isobutyl ketone	35.7	0.60	1.0	ug/L	40.0	ND	89.3	66-127	3.50	25	
Naphthalene	19.1	0.50	0.50	ug/L	20.0	ND	95.4	52-157	3.52	25	
Methyl tert-butyl ether	18.0	0.50	0.50	ug/L	20.0	ND	89.8	55-144	0.444	25	
n-Propylbenzene	27.0	0.40	0.50	ug/L	20.0	ND	135	55-145	2.02	25	
Styrene	24.8	0.10	0.50	ug/L	20.0	ND	124	51-157	0.974	25	
Tert-amyl methyl ether	19.5	0.40	0.50	ug/L	20.0	ND	97.4	41-136	0.869	25	
Tert-butyl alcohol	363	6.0	10	ug/L	400	ND	90.6	38-175	1.09	25	
1,1,1,2-Tetrachloroethane	20.7	0.10	0.50	ug/L	20.0	ND	104	58-146	0.290	25	
1,1,2,2-Tetrachloroethane	19.8	0.080	0.50	ug/L	20.0	ND	99.1	73-127	2.30	25	
Tetrachloroethene	23.3	0.10	0.50	ug/L	20.0	ND	116	49-148	1.17	25	
Tetrahydrofuran	18.9	0.10	5.0	ug/L	20.0	ND	94.4	70-130	3.59	25	
Toluene	24.9	0.10	0.30	ug/L	20.0	ND	124	59-147	1.62	25	
1,2,3-Trichlorobenzene	19.8	0.20	0.50	ug/L	20.0	ND	98.9	50-161	1.84	25	
1,2,4-Trichlorobenzene	20.0	0.20	0.50	ug/L	20.0	ND	100	50-150	0.701	25	
1,1,1-Trichloroethane	21.2	0.10	0.50	ug/L	20.0	ND	106	38-164	1.50	25	
1,1,2-Trichloroethane	21.3	0.080	0.50	ug/L	20.0	ND	106	46-136	0.377	25	
Trichloroethene	22.3	0.10	0.50	ug/L	20.0	ND	112	58-140	0.900	25	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Alpha Analytical Laboratories, Inc. email: clientservices@alpha-labs.com
 Corporate: 208 Mason Street | Ukiah, CA 95482 | T: 707-468-0401 | F: 707-468-5267 | ELAP# 1551

Sample Traps, LLC 262 Rickenbacker Circle Livermore CA, 94551	Project Manager: Quality Control Manager Project: QC- 40ml Clear VOA- HCl Project Number: Navy Silicone Batch Number CB020	Reported: 09/22/23 08:26
---	--	-----------------------------

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch AH35143 - VOAs in Water GCMS

Matrix Spike Dup (AH35143-MSD1)	Source: 23H2960-01			Prepared: 08/30/23		Analyzed: 08/31/23				
Trichlorofluoromethane	16.0	0.20	0.50	ug/L	20.0	ND	80.2	56-144	0.940	25
1,2,3-Trichloropropane	19.1	0.10	0.50	ug/L	20.0	ND	95.5	61-139	0.420	25
Trichlorotrifluoroethane	20.6	0.20	0.50	ug/L	20.0	ND	103	59-139	1.30	25
1,2,4-Trimethylbenzene	21.8	0.40	0.50	ug/L	20.0	ND	109	58-152	1.95	25
1,3,5-Trimethylbenzene	22.4	0.30	0.50	ug/L	20.0	ND	112	58-148	0.534	25
Vinyl acetate	40.4	0.20	1.0	ug/L	40.0	ND	101	70-130	2.25	25
Vinyl chloride	18.2	0.40	0.50	ug/L	20.0	ND	90.8	53-160	11.9	25
m,p-Xylene	49.8	0.20	0.50	ug/L	40.0	ND	124	53-147	1.14	25
o-Xylene	24.5	0.10	0.50	ug/L	20.0	ND	122	55-148	0.773	25
Xylenes (total)	74.3	0.50	0.50	ug/L	60.0	ND	124	49-153	1.02	25
Surrogate: Bromofluorobenzene	31.3			ug/L	25.0		125	70-130		
Surrogate: Dibromofluoromethane	26.1			ug/L	25.0		104	70-130		
Surrogate: Toluene-d8	30.2			ug/L	25.0		121	70-130		

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Alpha Analytical Laboratories, Inc. email: clientservices@alpha-labs.com
Corporate: 208 Mason Street | Ukiah, CA 95482 | T: 707-468-0401 | F: 707-468-5267 | ELAP# 1551

Sample Traps, LLC
262 Rickenbacker Circle
Livermore CA, 94551

Project Manager: Quality Control Manager
Project: QC- 40ml Clear VOA- HCl
Project Number: Navy Silicone Batch Number CB020

Reported:
09/22/23 08:26

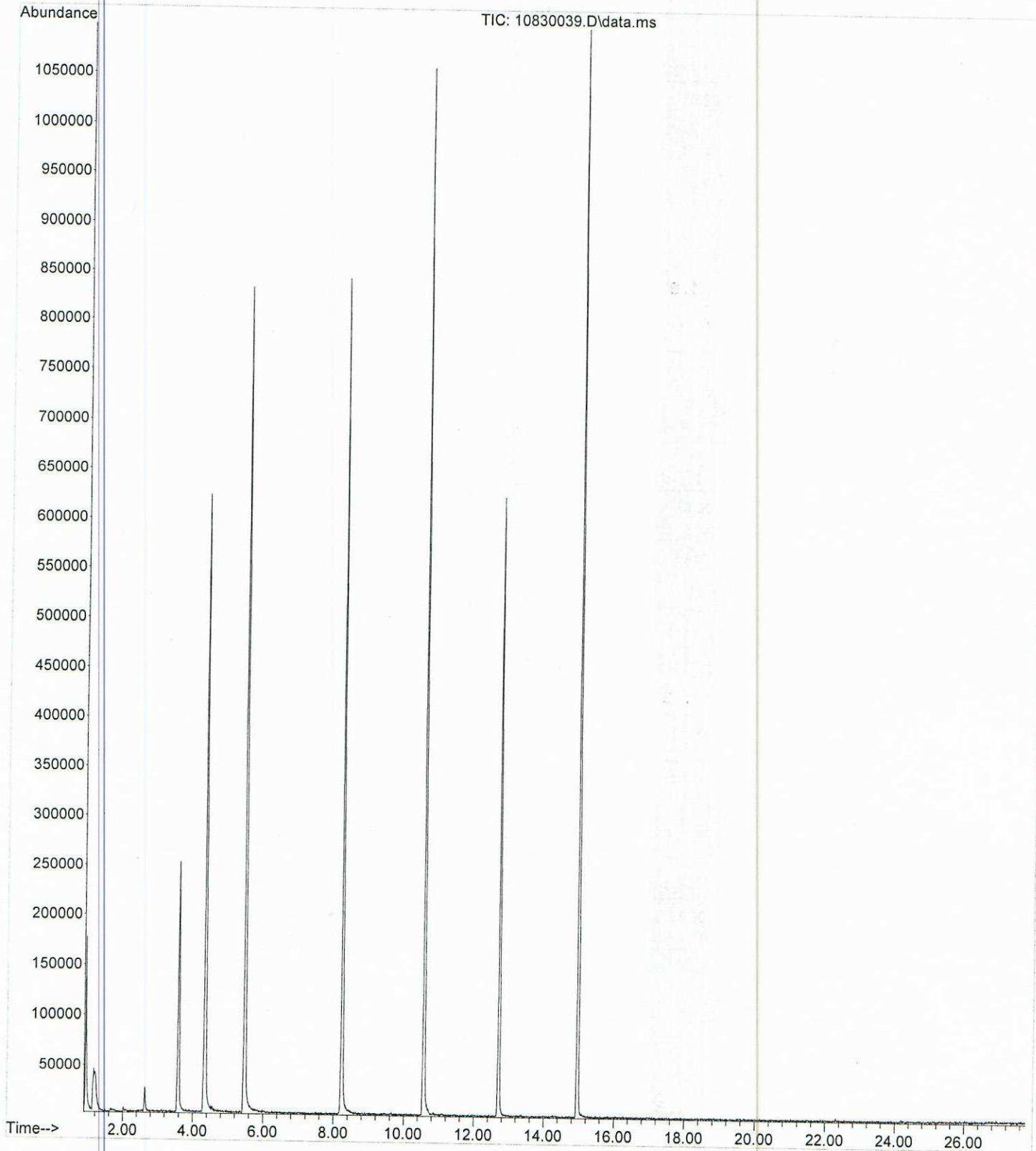
Notes and Definitions

- J Detected but below the Reporting Limit; therefore, result is an estimated concentration, detected but not quantified (DNQ).
- QL-03 Although the LCS/LCSD recovery for this analyte is outside of in-house developed control limits, it is within the EPA recommended range of 70-130%.
- QL-11 The LCS and/or LCSD recovery was high for this analyte. Sample results in the batch were accepted based on non-detect for the analyte.
- QM-05 The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data is acceptable.
- QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
- T-17 Sample analyzed outside of recommended hold time. Client or Project Manager notified.
- U Analyte included in analysis, but not detected at or above MDL.
- ND Analyte NOT DETECTED at or above the reporting limit
- dry Sample results reported on a dry weight basis
- MDL Method detection limit
- Rec Recovery
- RPD Relative Percent Difference

* ELAP does not offer accreditation in this matrix for the requested analyte/method combination.

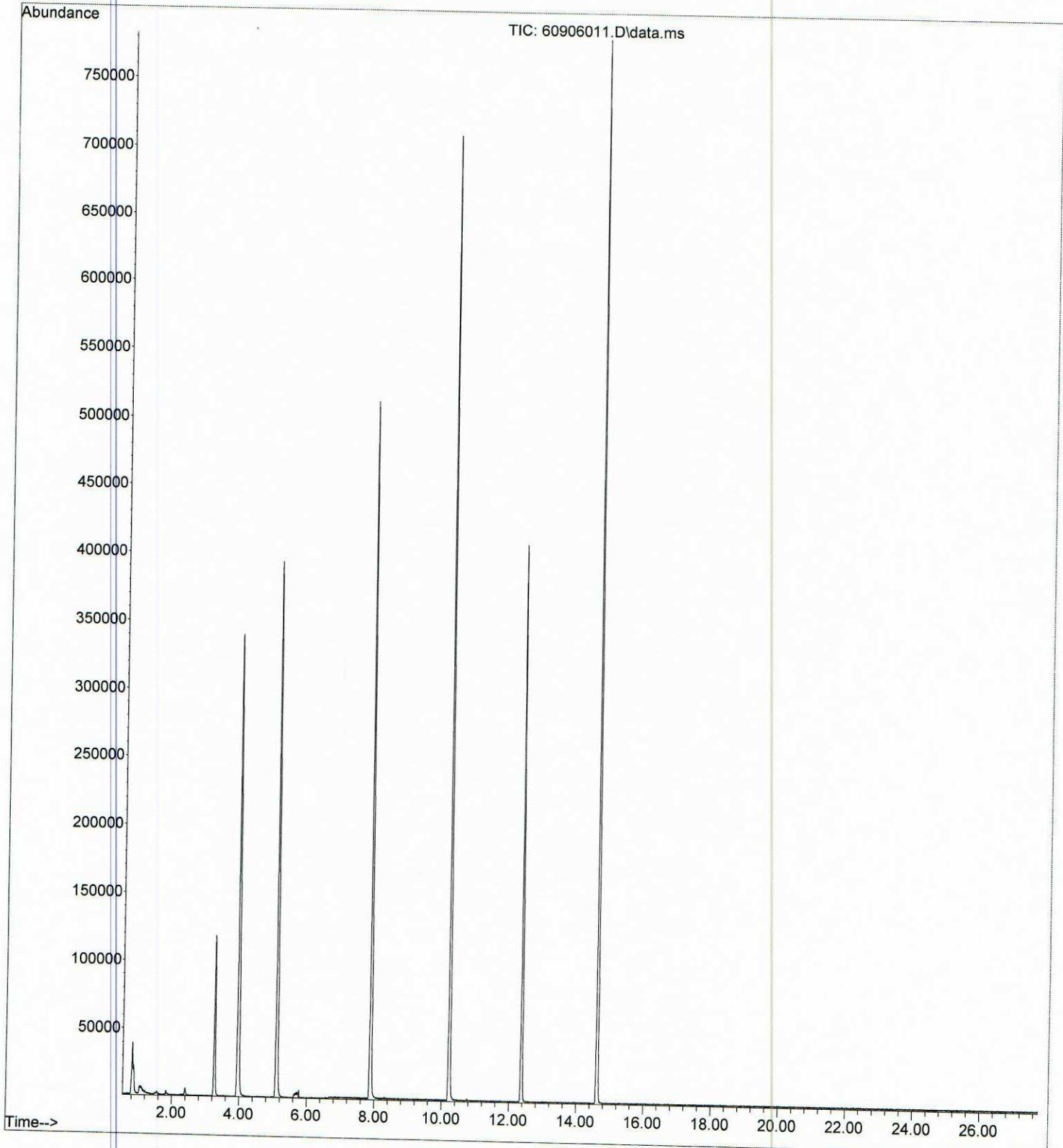
8240

File :D:\Data\083023\10830039.D
Operator : JV
Acquired : 31 Aug 2023 6:57 am using AcqMethod MS1INS.M
Instrument : GCMS1
Sample Name: 23H3216-01
Misc Info :
Vial Number: 39



524

File : D:\MassHunter\GCMS\1\data\2023\090623\60906011.D
Operator : AR
Acquired : 06 Sep 2023 20:14 using AcqMethod MS6INS.M
Instrument : GCMS6
Sample Name: 23H3216-02
Misc Info :
Vial Number: 34





Laboratory & Corporate: 208 Mason Street, Ukiah, CA 95482
707-468-0401 Fax: 707-468-6267

Service Center & Micro Lab: 262 Rickenbacker Circle, Livermore CA 94551
925-928-6226 Fax: 925-928-6309

Chain of Custody Record

Reports and Invoices will be delivered by email in .pdf format.

Lab No. 23H3216 Page of

Report to: Company: Sample Traps LLC Attn: Quality Control Manager Address: Phone/Fax: Email Address: admin@sampletraps.com		Invoice to (if different): Company: Attn: Address: Phone/Fax: Email Address:		Project Info for Report: Project ID: QC-40ml Clear VOA Vial (HCL) Project No: Navy Silicone Batch Number CB020 PO/Reference:		Signature: Print:		Signature below authorizes work under terms stated on reverse side.			
Container: 40ml VOA: <input checked="" type="checkbox"/> Poly, <input type="checkbox"/> Glass jar, <input type="checkbox"/> Glass bottle HCL: <input checked="" type="checkbox"/> X, <input type="checkbox"/> X Methanol: <input type="checkbox"/> X, <input type="checkbox"/> X Na Bisulfate: <input type="checkbox"/> X, <input type="checkbox"/> X Other: <input type="checkbox"/> X, <input type="checkbox"/> X Water: <input type="checkbox"/> X, <input type="checkbox"/> X Container: <input type="checkbox"/> X, <input type="checkbox"/> X		Preservative: Matrix:		Total Number of Containers: 8260 Sample Traps: 2 X 524 2 Sample Traps: X Include chromatograph with report: X		Analyses Requested		TAT 10 days: <input type="checkbox"/> RUSH: 5 days: <input type="checkbox"/> 48 hours: <input type="checkbox"/> Other: <input type="checkbox"/> days: <input type="checkbox"/>		Sample Notes (lab use only) Temperature: <u> </u> deg. C Shipment Method: Custody Seals: Y / N	
Sample Identification B3300CVBS - 01 B3300CVBS - 02		Sampled: Date: <u> </u> Time: <u> </u>		Lab Approval Required For Rush TATs		Sample Notes or CDPH Source Numbers:		CDPH Write On EDT Transmission? <input type="checkbox"/> Yes <input type="checkbox"/> No State System Number:		If "Y" please enter the Source Number(s) in the column above	
Relinquished by: <u>BAL</u>		Received by: <u>[Signature]</u>		CA Geotracker EDF Report? <input type="checkbox"/> Yes <input type="checkbox"/> No Global ID: Sampling Company Log Code: EDF to (Email Address): Travel and Site Time: Mileage: Misc. Supplies:		CA Geotracker EDF Report? <input type="checkbox"/> Yes <input type="checkbox"/> No		CA Geotracker EDF Report? <input type="checkbox"/> Yes <input type="checkbox"/> No		CA Geotracker EDF Report? <input type="checkbox"/> Yes <input type="checkbox"/> No	

please use Ukiah reagent water for the analysis



Laboratory & Corporate:
208 Mason Street, Ukiah, CA 95482
707-468-0401 Fax: 707-468-6267

Chain of Custody Record

Reports and Invoices will be delivered by email in .pdf format.

Lab No. 23H3216 Page of

Service Center & Micro Lab:
262 Rickenbacker Circle, Livermore CA 94551
925-928-6226 Fax: 925-928-6309

Alpha Analytical Laboratories Inc.
e-mail: clientservices@alpha-labs.com

Report to: Company: Sample Traps LLC Attn: Quality Control Manager Address: Phone/Fax: Email Address: admin@sampletraps.com		Invoice to (if different): Company: Attn: Address: Phone/Fax: Email Address:		Project Info for Report: Project ID: QC-40ml Clear VOA Vial (HCL) Project No: Navy Silicone Batch Number CB020 PO/Reference:		Signature Print: _____ Date: _____ Time: _____		Signature Print: _____ Date: _____ Time: _____			
Container: 40ml VOA <input checked="" type="checkbox"/> Glass bottle <input type="checkbox"/> Glass jar <input type="checkbox"/> Poly <input type="checkbox"/>		Preservative: HCL <input checked="" type="checkbox"/> Methanol <input type="checkbox"/> Na Bisulfate <input type="checkbox"/> Other <input type="checkbox"/> None <input type="checkbox"/> Water <input type="checkbox"/> Container <input type="checkbox"/>		Matrix: 40ml VOA <input checked="" type="checkbox"/> Glass bottle <input type="checkbox"/> Glass jar <input type="checkbox"/> Poly <input type="checkbox"/>		Total Number of Containers: 8260 Sample Traps: 2 5242 Sample Traps: 2 i-flags: 2 include chromatograph with report: 2		Analyses Requested TAT: 10 days <input type="checkbox"/> RUSH: 5 days <input type="checkbox"/> 48 hours <input type="checkbox"/> Other: _____ days <input type="checkbox"/>		Sample Notes or CDPH Source Numbers:	
Relinquished by: <u>BAL</u>		Received by: <u>[Signature]</u>		Date: <u>8-21-23</u>		Time: <u>1200</u>		CDPH Write On EDT Transmission? <input type="radio"/> Yes <input type="radio"/> No			
State System Number: _____		Global ID: _____		EDF to (Email Address): _____		Travel and Site Time: _____		Mileage: _____			
CA Geotracker EDF Report? <input type="radio"/> Yes <input type="radio"/> No		Sampling Company Log Code: _____		Signature below authorizes work under terms stated on reverse side.		Lab Approval Required For Rush TATs		Sample Notes (lab use only) Temperature: _____ deg. C Shipment Method: Custody Seals: Y / N			

please use Ukiah reagent water for the analysis