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

21 September 2022

Sample Traps, LLC
Attn: Quality Control Manager
262 Rickenbacker Circle
Livermore, CA 94551
RE: QC- 40ml Amber VOA- HCl
Work Order: 22H3352

Enclosed are the results of analyses for samples received by the laboratory on 08/25/22 08:00. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Chelsea L. Sandelin
Project Manager

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Sample Traps, LLC	Project Manager:	Quality Control Manager	
262 Rickenbacker Circle	Project:	QC- 40ml Amber VOA- HCl	Reported:
Livermore CA, 94551	Project Number:	Silicone Batch Number 2021101003	09/21/22 11:58

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 | Service Center

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
A2234CVBS - 01	22H3352-01	Water	08/25/22 00:00	08/25/22 08:00
A2234CVBS - 02	22H3352-02	Water	08/25/22 00:00	08/25/22 08:00

Alpha Analytical Laboratories, Inc. email: clientservices@alpha-labs.com
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Sample Traps, LLC	Project Manager: Quality Control Manager	
262 Rickenbacker Circle	Project: QC- 40ml Amber VOA- HCl	Reported:
Livermore CA, 94551	Project Number: Silicone Batch Number 2021101003	09/21/22 11:58

Volatile Organic Compounds by EPA Method 524.2

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Analyst	ELAP #	Notes
A2234CVBS - 02 (22H3352-02) Water	**Sampled: 08/25/22 00:00 Received: 08/25/22 08:00**											
Acetone	ND	2.0	5.0	ug/L	1	AI23065	09/01/22 14:00	09/01/22 16:53	EPA 524.2	JV	1551	U
Acrylonitrile	ND	0.10	5.0	ug/L	1	AI23065	09/01/22 14:00	09/01/22 16:53	EPA 524.2	JV	1551	U
Benzene	ND	0.10	0.30	ug/L	1	AI23065	09/01/22 14:00	09/01/22 16:53	EPA 524.2	JV	1551	U
Bromobenzene	ND	0.080	0.50	ug/L	1	AI23065	09/01/22 14:00	09/01/22 16:53	EPA 524.2	JV	1551	U
Bromochloromethane	ND	0.10	0.50	ug/L	1	AI23065	09/01/22 14:00	09/01/22 16:53	EPA 524.2	JV	1551	U
Bromodichloromethane	ND	0.20	0.50	ug/L	1	AI23065	09/01/22 14:00	09/01/22 16:53	EPA 524.2	JV	1551	U
Bromoform	ND	0.30	0.50	ug/L	1	AI23065	09/01/22 14:00	09/01/22 16:53	EPA 524.2	JV	1551	U
Bromomethane	ND	0.40	0.50	ug/L	1	AI23065	09/01/22 14:00	09/01/22 16:53	EPA 524.2	JV	1551	U
n-Butylbenzene	ND	0.20	0.50	ug/L	1	AI23065	09/01/22 14:00	09/01/22 16:53	EPA 524.2	JV	1551	U
sec-Butylbenzene	ND	0.20	0.50	ug/L	1	AI23065	09/01/22 14:00	09/01/22 16:53	EPA 524.2	JV	1551	U
tert-Butylbenzene	ND	0.20	0.50	ug/L	1	AI23065	09/01/22 14:00	09/01/22 16:53	EPA 524.2	JV	1551	U
Carbon disulfide	ND	0.40	0.50	ug/L	1	AI23065	09/01/22 14:00	09/01/22 16:53	EPA 524.2	JV	1551	U
Carbon tetrachloride	ND	0.30	0.50	ug/L	1	AI23065	09/01/22 14:00	09/01/22 16:53	EPA 524.2	JV	1551	U
Chlorobenzene	ND	0.040	0.50	ug/L	1	AI23065	09/01/22 14:00	09/01/22 16:53	EPA 524.2	JV	1551	U
Chloroethane	ND	0.10	0.50	ug/L	1	AI23065	09/01/22 14:00	09/01/22 16:53	EPA 524.2	JV	1551	U
Chloroform	ND	0.30	0.50	ug/L	1	AI23065	09/01/22 14:00	09/01/22 16:53	EPA 524.2	JV	1551	U
Chloromethane	ND	0.40	0.50	ug/L	1	AI23065	09/01/22 14:00	09/01/22 16:53	EPA 524.2	JV	1551	U
2-Chlorotoluene	ND	0.20	0.50	ug/L	1	AI23065	09/01/22 14:00	09/01/22 16:53	EPA 524.2	JV	1551	U
4-Chlorotoluene	ND	0.20	0.50	ug/L	1	AI23065	09/01/22 14:00	09/01/22 16:53	EPA 524.2	JV	1551	U
Dibromochloromethane	ND	0.30	0.50	ug/L	1	AI23065	09/01/22 14:00	09/01/22 16:53	EPA 524.2	JV	1551	U
1,2-Dibromo-3-chloropropane	ND	0.50	0.50	ug/L	1	AI23065	09/01/22 14:00	09/01/22 16:53	EPA 524.2	JV	1551	U
1,2-Dibromoethane (EDB)	ND	0.10	0.50	ug/L	1	AI23065	09/01/22 14:00	09/01/22 16:53	EPA 524.2	JV	1551	U
Dibromomethane	ND	0.080	0.50	ug/L	1	AI23065	09/01/22 14:00	09/01/22 16:53	EPA 524.2	JV	1551	U
1,2-Dichlorobenzene	ND	0.060	0.50	ug/L	1	AI23065	09/01/22 14:00	09/01/22 16:53	EPA 524.2	JV	1551	U
1,3-Dichlorobenzene	ND	0.070	0.50	ug/L	1	AI23065	09/01/22 14:00	09/01/22 16:53	EPA 524.2	JV	1551	U
1,4-Dichlorobenzene	ND	0.060	0.50	ug/L	1	AI23065	09/01/22 14:00	09/01/22 16:53	EPA 524.2	JV	1551	U
Dichlorodifluoromethane	ND	0.10	0.50	ug/L	1	AI23065	09/01/22 14:00	09/01/22 16:53	EPA 524.2	JV	1551	U
1,1-Dichloroethane	ND	0.20	0.50	ug/L	1	AI23065	09/01/22 14:00	09/01/22 16:53	EPA 524.2	JV	1551	U
1,2-Dichloroethane	ND	0.10	0.50	ug/L	1	AI23065	09/01/22 14:00	09/01/22 16:53	EPA 524.2	JV	1551	U
1,1-Dichloroethene	ND	0.10	0.30	ug/L	1	AI23065	09/01/22 14:00	09/01/22 16:53	EPA 524.2	JV	1551	U
cis-1,2-Dichloroethene	ND	0.10	0.50	ug/L	1	AI23065	09/01/22 14:00	09/01/22 16:53	EPA 524.2	JV	1551	U
trans-1,2-Dichloroethene	ND	0.10	0.50	ug/L	1	AI23065	09/01/22 14:00	09/01/22 16:53	EPA 524.2	JV	1551	U
1,2-Dichloropropane	ND	0.080	0.50	ug/L	1	AI23065	09/01/22 14:00	09/01/22 16:53	EPA 524.2	JV	1551	U
1,3-Dichloropropane	ND	0.30	0.50	ug/L	1	AI23065	09/01/22 14:00	09/01/22 16:53	EPA 524.2	JV	1551	U

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Sample Traps, LLC	Project Manager: Quality Control Manager	
262 Rickenbacker Circle	Project: QC- 40ml Amber VOA- HCl	Reported:
Livermore CA, 94551	Project Number: Silicone Batch Number 2021101003	09/21/22 11:58

Volatile Organic Compounds by EPA Method 524.2

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Analyst	ELAP #	Notes
A2234CVBS - 02 (22H3352-02) Water Sampled: 08/25/22 00:00 Received: 08/25/22 08:00												
2,2-Dichloropropane	ND	0.30	0.50	ug/L	1	AI23065	09/01/22 14:00	09/01/22 16:53	EPA 524.2	JV	1551	U
1,1-Dichloropropene	ND	0.10	0.50	ug/L	1	AI23065	09/01/22 14:00	09/01/22 16:53	EPA 524.2	JV	1551	U
cis-1,3-Dichloropropene	ND	0.30	0.50	ug/L	1	AI23065	09/01/22 14:00	09/01/22 16:53	EPA 524.2	JV	1551	U
trans-1,3-Dichloropropene	ND	0.50	0.50	ug/L	1	AI23065	09/01/22 14:00	09/01/22 16:53	EPA 524.2	JV	1551	U
1,3-Dichloropropene (total)	ND	0.30	0.50	ug/L	1	AI23065	09/01/22 14:00	09/01/22 16:53	EPA 524.2	JV	1551	U
2-Hexanone	ND	0.20	5.0	ug/L	1	AI23065	09/01/22 14:00	09/01/22 16:53	EPA 524.2	JV	1551	U
Ethylbenzene	ND	0.20	0.50	ug/L	1	AI23065	09/01/22 14:00	09/01/22 16:53	EPA 524.2	JV	1551	U
Hexachlorobutadiene	ND	0.40	0.50	ug/L	1	AI23065	09/01/22 14:00	09/01/22 16:53	EPA 524.2	JV	1551	U
Isopropylbenzene	ND	0.20	0.50	ug/L	1	AI23065	09/01/22 14:00	09/01/22 16:53	EPA 524.2	JV	1551	U
p-Isopropyltoluene	ND	0.20	0.50	ug/L	1	AI23065	09/01/22 14:00	09/01/22 16:53	EPA 524.2	JV	1551	U
Methyl ethyl ketone	ND	0.20	1.0	ug/L	1	AI23065	09/01/22 14:00	09/01/22 16:53	EPA 524.2	JV	1551	U
Methyl iodide	ND	0.080	2.0	ug/L	1	AI23065	09/01/22 14:00	09/01/22 16:53	EPA 524.2	JV	1551	U
Methyl isobutyl ketone	ND	0.20	1.0	ug/L	1	AI23065	09/01/22 14:00	09/01/22 16:53	EPA 524.2	JV	1551	U
Methylene chloride	ND	0.40	0.50	ug/L	1	AI23065	09/01/22 14:00	09/01/22 16:53	EPA 524.2	JV	1551	U
Naphthalene	ND	0.50	0.50	ug/L	1	AI23065	09/01/22 14:00	09/01/22 16:53	EPA 524.2	JV	1551	U
n-Propylbenzene	ND	0.20	0.50	ug/L	1	AI23065	09/01/22 14:00	09/01/22 16:53	EPA 524.2	JV	1551	U
Styrene	ND	0.20	0.50	ug/L	1	AI23065	09/01/22 14:00	09/01/22 16:53	EPA 524.2	JV	1551	U
1,1,1,2-Tetrachloroethane	ND	0.40	0.50	ug/L	1	AI23065	09/01/22 14:00	09/01/22 16:53	EPA 524.2	JV	1551	U
1,1,2,2-Tetrachloroethane	ND	0.060	0.50	ug/L	1	AI23065	09/01/22 14:00	09/01/22 16:53	EPA 524.2	JV	1551	U
Tetrachloroethene	ND	0.20	0.50	ug/L	1	AI23065	09/01/22 14:00	09/01/22 16:53	EPA 524.2	JV	1551	U
Toluene	ND	0.090	0.50	ug/L	1	AI23065	09/01/22 14:00	09/01/22 16:53	EPA 524.2	JV	1551	U
1,2,3-Trichlorobenzene	ND	0.40	0.50	ug/L	1	AI23065	09/01/22 14:00	09/01/22 16:53	EPA 524.2	JV	1551	U
1,2,4-Trichlorobenzene	ND	0.40	0.50	ug/L	1	AI23065	09/01/22 14:00	09/01/22 16:53	EPA 524.2	JV	1551	U
1,1,1-Trichloroethane	ND	0.40	0.50	ug/L	1	AI23065	09/01/22 14:00	09/01/22 16:53	EPA 524.2	JV	1551	U
1,1,2-Trichloroethane	ND	0.060	0.50	ug/L	1	AI23065	09/01/22 14:00	09/01/22 16:53	EPA 524.2	JV	1551	U
Trichloroethene	ND	0.10	0.50	ug/L	1	AI23065	09/01/22 14:00	09/01/22 16:53	EPA 524.2	JV	1551	U
Trichlorofluoromethane	ND	0.20	0.50	ug/L	1	AI23065	09/01/22 14:00	09/01/22 16:53	EPA 524.2	JV	1551	U
Trichlorotrifluoroethane	ND	0.10	0.50	ug/L	1	AI23065	09/01/22 14:00	09/01/22 16:53	EPA 524.2	JV	1551	U
1,2,3-Trichloropropane	ND	0.10	0.50	ug/L	1	AI23065	09/01/22 14:00	09/01/22 16:53	EPA 524.2	JV	1551	U
1,2,4-Trimethylbenzene	ND	0.20	0.50	ug/L	1	AI23065	09/01/22 14:00	09/01/22 16:53	EPA 524.2	JV	1551	U
1,3,5-Trimethylbenzene	ND	0.50	0.50	ug/L	1	AI23065	09/01/22 14:00	09/01/22 16:53	EPA 524.2	JV	1551	U
Vinyl chloride	ND	0.20	0.50	ug/L	1	AI23065	09/01/22 14:00	09/01/22 16:53	EPA 524.2	JV	1551	U
m,p-Xylene	ND	0.20	0.50	ug/L	1	AI23065	09/01/22 14:00	09/01/22 16:53	EPA 524.2	JV	1551	U
o-Xylene	ND	0.20	0.50	ug/L	1	AI23065	09/01/22 14:00	09/01/22 16:53	EPA 524.2	JV	1551	U
Xylenes (total)	ND	0.20	0.50	ug/L	1	AI23065	09/01/22 14:00	09/01/22 16:53	EPA 524.2	JV	1551	U
Trihalomethanes (total)	ND	0.30	0.50	ug/L	1	AI23065	09/01/22 14:00	09/01/22 16:53	EPA 524.2	JV	1551	U
Methyl tert-butyl ether	ND	0.50	3.0	ug/L	1	AI23065	09/01/22 14:00	09/01/22 16:53	EPA 524.2	JV	1551	U

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Sample Traps, LLC	Project Manager: Quality Control Manager	
262 Rickenbacker Circle	Project: QC- 40ml Amber VOA- HCl	Reported:
Livermore CA, 94551	Project Number: Silicone Batch Number 2021101003	09/21/22 11:58

Volatile Organic Compounds by EPA Method 524.2

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Analyst	ELAP #	Notes
A2234CVBS - 02 (22H3352-02) Water	**Sampled: 08/25/22 00:00 Received: 08/25/22 08:00**											
Ethyl tert-butyl ether	ND	0.10	0.50	ug/L	1	AI23065	09/01/22 14:00	09/01/22 16:53	EPA 524.2	JV	1551	U
Tert-amyl methyl ether	ND	0.30	0.50	ug/L	1	AI23065	09/01/22 14:00	09/01/22 16:53	EPA 524.2	JV	1551	U
Surrogate: Bromofluorobenzene		*105 %*	*70-130*			*AI23065*	*09/01/22 14:00*	*09/01/22 16:53*	*EPA 524.2*	*JV*	1551	
Surrogate: Dibromofluoromethane		*99.2 %*	*70-130*			*AI23065*	*09/01/22 14:00*	*09/01/22 16:53*	*EPA 524.2*	*JV*	1551	
Surrogate: Toluene-d8		*108 %*	*70-130*			*AI23065*	*09/01/22 14:00*	*09/01/22 16:53*	*EPA 524.2*	*JV*	1551	

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Sample Traps, LLC	Project Manager: Quality Control Manager	
262 Rickenbacker Circle	Project: QC- 40ml Amber VOA- HCl	Reported:
Livermore CA, 94551	Project Number: Silicone Batch Number 2021101003	09/21/22 11:58

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Analyst	ELAP #	Notes
A2234CVBS - 01 (22H3352-01) Water Sampled: 08/25/22 00:00 Received: 08/25/22 08:00												
Acetone	ND	0.70	5.0	ug/L	1	AI23300	09/07/22 07:00	09/07/22 09:43	EPA 8260B	JV	1551	U
Acetonitrile	ND	20	100	ug/L	1	AI23300	09/07/22 07:00	09/07/22 09:43	EPA 8260B	JV	1551	U
Acrylonitrile	ND	0.10	5.0	ug/L	1	AI23300	09/07/22 07:00	09/07/22 09:43	EPA 8260B	JV	1551	U
Allyl chloride	ND	0.10	10	ug/L	1	AI23300	09/07/22 07:00	09/07/22 09:43	EPA 8260B	JV	1551	U
Benzene	ND	0.060	0.30	ug/L	1	AI23300	09/07/22 07:00	09/07/22 09:43	EPA 8260B	JV	1551	U
Bromobenzene	ND	0.070	0.50	ug/L	1	AI23300	09/07/22 07:00	09/07/22 09:43	EPA 8260B	JV	1551	U
Bromochloromethane	ND	0.10	0.50	ug/L	1	AI23300	09/07/22 07:00	09/07/22 09:43	EPA 8260B	JV	1551	U
Bromodichloromethane	ND	0.080	0.50	ug/L	1	AI23300	09/07/22 07:00	09/07/22 09:43	EPA 8260B	JV	1551	U
Bromoform	ND	0.30	0.50	ug/L	1	AI23300	09/07/22 07:00	09/07/22 09:43	EPA 8260B	JV	1551	U
Bromomethane	ND	0.40	0.50	ug/L	1	AI23300	09/07/22 07:00	09/07/22 09:43	EPA 8260B	JV	1551	U
n-Butylbenzene	ND	0.40	0.50	ug/L	1	AI23300	09/07/22 07:00	09/07/22 09:43	EPA 8260B	JV	1551	U
sec-Butylbenzene	ND	0.40	0.50	ug/L	1	AI23300	09/07/22 07:00	09/07/22 09:43	EPA 8260B	JV	1551	U
tert-Butylbenzene	ND	0.30	0.50	ug/L	1	AI23300	09/07/22 07:00	09/07/22 09:43	EPA 8260B	JV	1551	U
Carbon disulfide	ND	0.10	5.0	ug/L	1	AI23300	09/07/22 07:00	09/07/22 09:43	EPA 8260B	JV	1551	U
Carbon tetrachloride	ND	0.10	0.50	ug/L	1	AI23300	09/07/22 07:00	09/07/22 09:43	EPA 8260B	JV	1551	U
Chlorobenzene	ND	0.050	0.50	ug/L	1	AI23300	09/07/22 07:00	09/07/22 09:43	EPA 8260B	JV	1551	U
Chloroethane	ND	0.10	0.50	ug/L	1	AI23300	09/07/22 07:00	09/07/22 09:43	EPA 8260B	JV	1551	U
2-Chloroethylvinyl ether	ND	0.30	1.0	ug/L	1	AI23300	09/07/22 07:00	09/07/22 09:43	EPA 8260B	JV	1551	U
Chloroform	ND	0.060	0.50	ug/L	1	AI23300	09/07/22 07:00	09/07/22 09:43	EPA 8260B	JV	1551	U
Chloromethane	ND	0.40	0.50	ug/L	1	AI23300	09/07/22 07:00	09/07/22 09:43	EPA 8260B	JV	1551	U
Chloroprene	ND	0.10	1.0	ug/L	1	AI23300	09/07/22 07:00	09/07/22 09:43	EPA 8260B	JV	1551	U
2-Chlorotoluene	ND	0.10	0.50	ug/L	1	AI23300	09/07/22 07:00	09/07/22 09:43	EPA 8260B	JV	1551	U
4-Chlorotoluene	ND	0.10	0.50	ug/L	1	AI23300	09/07/22 07:00	09/07/22 09:43	EPA 8260B	JV	1551	U
Dibromochloromethane	ND	0.10	0.50	ug/L	1	AI23300	09/07/22 07:00	09/07/22 09:43	EPA 8260B	JV	1551	U
1,2-Dibromo-3-chloropropane	ND	0.60	2.0	ug/L	1	AI23300	09/07/22 07:00	09/07/22 09:43	EPA 8260B	JV	1551	U
1,2-Dibromoethane (EDB)	ND	0.10	0.50	ug/L	1	AI23300	09/07/22 07:00	09/07/22 09:43	EPA 8260B	JV	1551	U
Dibromomethane	ND	0.10	0.50	ug/L	1	AI23300	09/07/22 07:00	09/07/22 09:43	EPA 8260B	JV	1551	U
1,2-Dichlorobenzene	ND	0.060	0.50	ug/L	1	AI23300	09/07/22 07:00	09/07/22 09:43	EPA 8260B	JV	1551	U
1,3-Dichlorobenzene	ND	0.080	0.50	ug/L	1	AI23300	09/07/22 07:00	09/07/22 09:43	EPA 8260B	JV	1551	U
1,4-Dichlorobenzene	ND	0.050	0.50	ug/L	1	AI23300	09/07/22 07:00	09/07/22 09:43	EPA 8260B	JV	1551	U
trans-1,4-Dichloro-2-butene	ND	0.20	5.0	ug/L	1	AI23300	09/07/22 07:00	09/07/22 09:43	EPA 8260B	JV	1551	U
Dichlorodifluoromethane	ND	0.40	0.50	ug/L	1	AI23300	09/07/22 07:00	09/07/22 09:43	EPA 8260B	JV	1551	U
1,1-Dichloroethane	ND	0.080	0.50	ug/L	1	AI23300	09/07/22 07:00	09/07/22 09:43	EPA 8260B	JV	1551	U
1,2-Dichloroethane	ND	0.40	0.50	ug/L	1	AI23300	09/07/22 07:00	09/07/22 09:43	EPA 8260B	JV	1551	U
1,1-Dichloroethene	ND	0.10	0.50	ug/L	1	AI23300	09/07/22 07:00	09/07/22 09:43	EPA 8260B	JV	1551	U
cis-1,2-Dichloroethene	ND	0.10	0.50	ug/L	1	AI23300	09/07/22 07:00	09/07/22 09:43	EPA 8260B	JV	1551	U
trans-1,2-Dichloroethene	ND	0.10	0.50	ug/L	1	AI23300	09/07/22 07:00	09/07/22 09:43	EPA 8260B	JV	1551	U

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Sample Traps, LLC	Project Manager: Quality Control Manager	
262 Rickenbacker Circle	Project: QC- 40ml Amber VOA- HCl	Reported:
Livermore CA, 94551	Project Number: Silicone Batch Number 2021101003	09/21/22 11:58

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Analyst	ELAP #	Notes
A2234CVBS - 01 (22H3352-01) Water Sampled: 08/25/22 00:00 Received: 08/25/22 08:00												
1,2-Dichloropropane	ND	0.40	0.50	ug/L	1	AI23300	09/07/22 07:00	09/07/22 09:43	EPA 8260B	JV	1551	U
1,3-Dichloropropane	ND	0.050	0.50	ug/L	1	AI23300	09/07/22 07:00	09/07/22 09:43	EPA 8260B	JV	1551	U
2,2-Dichloropropane	ND	0.20	0.50	ug/L	1	AI23300	09/07/22 07:00	09/07/22 09:43	EPA 8260B	JV	1551	U
1,1-Dichloropropene	ND	0.10	0.50	ug/L	1	AI23300	09/07/22 07:00	09/07/22 09:43	EPA 8260B	JV	1551	U
cis-1,3-Dichloropropene	ND	0.40	0.50	ug/L	1	AI23300	09/07/22 07:00	09/07/22 09:43	EPA 8260B	JV	1551	U
trans-1,3-Dichloropropene	ND	0.40	0.50	ug/L	1	AI23300	09/07/22 07:00	09/07/22 09:43	EPA 8260B	JV	1551	U
Diethyl ether	ND	0.20	1.0	ug/L	1	AI23300	09/07/22 07:00	09/07/22 09:43	EPA 8260B	JV	1551	U
Di-isopropyl ether	ND	0.40	0.50	ug/L	1	AI23300	09/07/22 07:00	09/07/22 09:43	EPA 8260B	JV	1551	U
Ethanol	ND	20	50	ug/L	1	AI23300	09/07/22 07:00	09/07/22 09:43	EPA 8260B	JV	1551	U
Ethyl acetate	ND	0.30	2.0	ug/L	1	AI23300	09/07/22 07:00	09/07/22 09:43	EPA 8260B	JV	1551	U
Ethyl methacrylate	ND	0.20	10	ug/L	1	AI23300	09/07/22 07:00	09/07/22 09:43	EPA 8260B	JV	1551	U
Ethylbenzene	ND	0.10	0.50	ug/L	1	AI23300	09/07/22 07:00	09/07/22 09:43	EPA 8260B	JV	1551	U
Ethyl tert-butyl ether	ND	0.40	0.50	ug/L	1	AI23300	09/07/22 07:00	09/07/22 09:43	EPA 8260B	JV	1551	U
Hexachlorobutadiene	ND	0.10	0.50	ug/L	1	AI23300	09/07/22 07:00	09/07/22 09:43	EPA 8260B	JV	1551	U
Hexachloroethane	ND	0.40	1.0	ug/L	1	AI23300	09/07/22 07:00	09/07/22 09:43	EPA 8260B	JV	1551	U
2-Hexanone	ND	0.20	5.0	ug/L	1	AI23300	09/07/22 07:00	09/07/22 09:43	EPA 8260B	JV	1551	U
Isobutanol	ND	40	100	ug/L	1	AI23300	09/07/22 07:00	09/07/22 09:43	EPA 8260B	JV	1551	U
Isopropyl alcohol	ND	30	100	ug/L	1	AI23300	09/07/22 07:00	09/07/22 09:43	EPA 8260B	JV	1551	U
Isopropylbenzene	ND	0.40	0.50	ug/L	1	AI23300	09/07/22 07:00	09/07/22 09:43	EPA 8260B	JV	1551	U
p-Isopropyltoluene	ND	0.40	0.50	ug/L	1	AI23300	09/07/22 07:00	09/07/22 09:43	EPA 8260B	JV	1551	U
Methacrylonitrile	ND	0.40	1.0	ug/L	1	AI23300	09/07/22 07:00	09/07/22 09:43	EPA 8260B	JV	1551	U
Methylene chloride	ND	0.20	0.50	ug/L	1	AI23300	09/07/22 07:00	09/07/22 09:43	EPA 8260B	JV	1551	U
Methyl ethyl ketone	ND	0.70	1.0	ug/L	1	AI23300	09/07/22 07:00	09/07/22 09:43	EPA 8260B	JV	1551	U
Methyl iodide	ND	0.10	2.0	ug/L	1	AI23300	09/07/22 07:00	09/07/22 09:43	EPA 8260B	JV	1551	U
Methyl isobutyl ketone	ND	0.60	1.0	ug/L	1	AI23300	09/07/22 07:00	09/07/22 09:43	EPA 8260B	JV	1551	U
Methyl methacrylate	ND	0.40	1.0	ug/L	1	AI23300	09/07/22 07:00	09/07/22 09:43	EPA 8260B	JV	1551	U
Methyl tert-butyl ether	ND	0.50	0.50	ug/L	1	AI23300	09/07/22 07:00	09/07/22 09:43	EPA 8260B	JV	1551	U
Naphthalene	ND	0.50	0.50	ug/L	1	AI23300	09/07/22 07:00	09/07/22 09:43	EPA 8260B	JV	1551	U
Propionitrile	ND	3.0	50	ug/L	1	AI23300	09/07/22 07:00	09/07/22 09:43	EPA 8260B	JV	1551	U
n-Propylbenzene	ND	0.40	0.50	ug/L	1	AI23300	09/07/22 07:00	09/07/22 09:43	EPA 8260B	JV	1551	U
Styrene	ND	0.10	0.50	ug/L	1	AI23300	09/07/22 07:00	09/07/22 09:43	EPA 8260B	JV	1551	U
Tert-amyl methyl ether	ND	0.40	0.50	ug/L	1	AI23300	09/07/22 07:00	09/07/22 09:43	EPA 8260B	JV	1551	U
Tert-butyl alcohol	ND	6.0	10	ug/L	1	AI23300	09/07/22 07:00	09/07/22 09:43	EPA 8260B	JV	1551	U
1,1,1,2-Tetrachloroethane	ND	0.10	0.50	ug/L	1	AI23300	09/07/22 07:00	09/07/22 09:43	EPA 8260B	JV	1551	U
1,1,2,2-Tetrachloroethane	ND	0.080	0.50	ug/L	1	AI23300	09/07/22 07:00	09/07/22 09:43	EPA 8260B	JV	1551	U
Tetrachloroethene	ND	0.10	0.50	ug/L	1	AI23300	09/07/22 07:00	09/07/22 09:43	EPA 8260B	JV	1551	U
Tetrahydrofuran	ND	0.10	5.0	ug/L	1	AI23300	09/07/22 07:00	09/07/22 09:43	EPA 8260B	JV	1551	U

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Sample Traps, LLC	Project Manager: Quality Control Manager	
262 Rickenbacker Circle	Project: QC- 40ml Amber VOA- HCl	Reported:
Livermore CA, 94551	Project Number: Silicone Batch Number 2021101003	09/21/22 11:58

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Analyst	ELAP #	Notes
A2234CVBS - 01 (22H3352-01) Water	**Sampled: 08/25/22 00:00**		**Received: 08/25/22 08:00**									
Toluene	ND	0.10	0.30	ug/L	1	AI23300	09/07/22 07:00	09/07/22 09:43	EPA 8260B	JV	1551	U
1,2,3-Trichlorobenzene	ND	0.20	0.50	ug/L	1	AI23300	09/07/22 07:00	09/07/22 09:43	EPA 8260B	JV	1551	U
1,2,4-Trichlorobenzene	ND	0.20	0.50	ug/L	1	AI23300	09/07/22 07:00	09/07/22 09:43	EPA 8260B	JV	1551	U
1,1,1-Trichloroethane	ND	0.10	0.50	ug/L	1	AI23300	09/07/22 07:00	09/07/22 09:43	EPA 8260B	JV	1551	U
1,1,2-Trichloroethane	ND	0.080	0.50	ug/L	1	AI23300	09/07/22 07:00	09/07/22 09:43	EPA 8260B	JV	1551	U
Trichloroethene	ND	0.40	0.50	ug/L	1	AI23300	09/07/22 07:00	09/07/22 09:43	EPA 8260B	JV	1551	U
Trichlorofluoromethane	ND	0.20	0.50	ug/L	1	AI23300	09/07/22 07:00	09/07/22 09:43	EPA 8260B	JV	1551	U
1,2,3-Trichloropropane	ND	0.10	0.50	ug/L	1	AI23300	09/07/22 07:00	09/07/22 09:43	EPA 8260B	JV	1551	U
Trichlorotrifluoroethane	ND	0.20	0.50	ug/L	1	AI23300	09/07/22 07:00	09/07/22 09:43	EPA 8260B	JV	1551	U
1,2,4-Trimethylbenzene	ND	0.40	0.50	ug/L	1	AI23300	09/07/22 07:00	09/07/22 09:43	EPA 8260B	JV	1551	U
1,3,5-Trimethylbenzene	ND	0.30	0.50	ug/L	1	AI23300	09/07/22 07:00	09/07/22 09:43	EPA 8260B	JV	1551	U
Vinyl acetate	ND	0.20	1.0	ug/L	1	AI23300	09/07/22 07:00	09/07/22 09:43	EPA 8260B	JV	1551	U
Vinyl chloride	ND	0.40	0.50	ug/L	1	AI23300	09/07/22 07:00	09/07/22 09:43	EPA 8260B	JV	1551	U
m,p-Xylene	ND	0.20	0.50	ug/L	1	AI23300	09/07/22 07:00	09/07/22 09:43	EPA 8260B	JV	1551	U
o-Xylene	ND	0.10	0.50	ug/L	1	AI23300	09/07/22 07:00	09/07/22 09:43	EPA 8260B	JV	1551	U
Xylenes (total)	ND	0.50	0.50	ug/L	1	AI23300	09/07/22 07:00	09/07/22 09:43	EPA 8260B	JV	1551	U
Surrogate: Bromofluorobenzene		*111 %*	*70-130*			*AI23300*	*09/07/22 07:00*	*09/07/22 09:43*	*EPA 8260B*	*JV*	1551	
Surrogate: Dibromofluoromethane		*191 %*	*70-130*			*AI23300*	*09/07/22 07:00*	*09/07/22 09:43*	*EPA 8260B*	*JV*	1551	*S-GC*
Surrogate: Toluene-d8		*110 %*	*70-130*			*AI23300*	*09/07/22 07:00*	*09/07/22 09:43*	*EPA 8260B*	*JV*	1551	

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Sample Traps, LLC	Project Manager: Quality Control Manager	
262 Rickenbacker Circle	Project: QC- 40ml Amber VOA- HCl	Reported:
Livermore CA, 94551	Project Number: Silicone Batch Number 2021101003	09/21/22 11:58

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 AI23065 - VOAs in Water GCMS											
Blank (AI23065-BLK1)					Prepared & Analyzed: 09/01/22						
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-Dibromo-3-chloropropane	ND	0.50	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	0.30	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

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Sample Traps, LLC	Project Manager: Quality Control Manager	
262 Rickenbacker Circle	Project: QC- 40ml Amber VOA- HCl	Reported:
Livermore CA, 94551	Project Number: Silicone Batch Number 2021101003	09/21/22 11:58

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 AI23065 - VOAs in Water GCMS											
Blank (AI23065-BLK1)					Prepared & Analyzed: 09/01/22						
cis-1,3-Dichloropropene	ND	0.30	0.50	ug/L							U
trans-1,3-Dichloropropene	ND	0.50	0.50	ug/L							U
1,3-Dichloropropene (total)	ND	0.30	0.50	ug/L							U
2-Hexanone	ND	0.20	5.0	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 iodide	ND	0.080	2.0	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	0.50	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
1,1,2,2-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	0.40	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
1,2,3-Trichloropropane	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	0.50	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	ND	0.50	3.0	ug/L							U
Ethyl tert-butyl ether	ND	0.10	0.50	ug/L							U

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Sample Traps, LLC	Project Manager: Quality Control Manager	
262 Rickenbacker Circle	Project: QC- 40ml Amber VOA- HCl	Reported:
Livermore CA, 94551	Project Number: Silicone Batch Number 2021101003	09/21/22 11:58

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 AI23065 - VOAs in Water GCMS											
Blank (AI23065-BLK1)					Prepared & Analyzed: 09/01/22						
Tert-amyl methyl ether	ND	0.30	0.50	ug/L							U
Surrogate: Bromofluorobenzene	*25.9*			*ug/L*	*25.0*		*104*	*70-130*			
Surrogate: Dibromofluoromethane	*25.6*			*ug/L*	*25.0*		*102*	*70-130*			
Surrogate: Toluene-d8	*26.9*			*ug/L*	*25.0*		*108*	*70-130*			
LCS (AI23065-BS1)					Prepared & Analyzed: 09/01/22						
Acetone	25.5	2.0	5.0	ug/L	20.0		128	70-130			
Acrylonitrile	5.81	0.10	5.0	ug/L	5.00		116	70-130			
Benzene	4.90	0.10	0.30	ug/L	5.00		98.0	70-130			
Bromobenzene	4.98	0.080	0.50	ug/L	5.00		99.6	70-130			
Bromochloromethane	4.73	0.10	0.50	ug/L	5.00		94.6	70-130			
Bromodichloromethane	5.06	0.20	0.50	ug/L	5.00		101	70-130			
Bromoform	5.33	0.30	0.50	ug/L	5.00		107	70-130			
Bromomethane	4.52	0.40	0.50	ug/L	5.00		90.4	70-130			
n-Butylbenzene	5.53	0.20	0.50	ug/L	5.00		111	70-130			
sec-Butylbenzene	5.16	0.20	0.50	ug/L	5.00		103	70-130			
tert-Butylbenzene	5.06	0.20	0.50	ug/L	5.00		101	70-130			
Carbon disulfide	4.62	0.40	0.50	ug/L	5.00		92.4	70-130			
Carbon tetrachloride	6.22	0.30	0.50	ug/L	5.00		124	70-130			
Chlorobenzene	4.85	0.040	0.50	ug/L	5.00		97.0	70-130			
Chloroethane	5.19	0.10	0.50	ug/L	5.00		104	70-130			
Chloroform	4.93	0.30	0.50	ug/L	5.00		98.6	70-130			
Chloromethane	5.62	0.40	0.50	ug/L	5.00		112	70-130			
2-Chlorotoluene	5.08	0.20	0.50	ug/L	5.00		102	70-130			
4-Chlorotoluene	4.98	0.20	0.50	ug/L	5.00		99.6	70-130			
Dibromochloromethane	4.70	0.30	0.50	ug/L	5.00		94.0	70-130			
1,2-Dibromo-3-chloropropane	4.68	0.50	0.50	ug/L	5.00		93.6	70-130			
1,2-Dibromoethane (EDB)	4.94	0.10	0.50	ug/L	5.00		98.8	70-130			
Dibromomethane	4.55	0.080	0.50	ug/L	5.00		91.0	70-130			
1,2-Dichlorobenzene	4.60	0.060	0.50	ug/L	5.00		92.0	70-130			
1,3-Dichlorobenzene	4.86	0.070	0.50	ug/L	5.00		97.2	70-130			
1,4-Dichlorobenzene	4.78	0.060	0.50	ug/L	5.00		95.6	70-130			
Dichlorodifluoromethane	4.76	0.10	0.50	ug/L	5.00		95.2	70-130			
1,1-Dichloroethane	4.84	0.20	0.50	ug/L	5.00		96.8	70-130			
1,2-Dichloroethane	5.46	0.10	0.50	ug/L	5.00		109	70-130			
1,1-Dichloroethene	4.19	0.10	0.30	ug/L	5.00		83.8	70-130			
cis-1,2-Dichloroethene	4.69	0.10	0.50	ug/L	5.00		93.8	70-130			

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Sample Traps, LLC	Project Manager: Quality Control Manager	
262 Rickenbacker Circle	Project: QC- 40ml Amber VOA- HCl	Reported:
Livermore CA, 94551	Project Number: Silicone Batch Number 2021101003	09/21/22 11:58

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 AI23065 - VOAs in Water GCMS											
LCS (AI23065-BS1)					Prepared & Analyzed: 09/01/22						
trans-1,2-Dichloroethene	4.40	0.10	0.50	ug/L	5.00		88.0	70-130			
1,2-Dichloropropane	4.79	0.080	0.50	ug/L	5.00		95.8	70-130			
1,3-Dichloropropane	5.05	0.30	0.50	ug/L	5.00		101	70-130			
2,2-Dichloropropane	5.79	0.30	0.50	ug/L	5.00		116	70-130			
1,1-Dichloropropene	4.43	0.10	0.50	ug/L	5.00		88.6	70-130			
cis-1,3-Dichloropropene	4.79	0.30	0.50	ug/L	5.00		95.8	70-130			
trans-1,3-Dichloropropene	4.80	0.50	0.50	ug/L	5.00		96.0	70-130			
Ethylbenzene	4.94	0.20	0.50	ug/L	5.00		98.8	70-130			
2-Hexanone	5.41	0.20	5.0	ug/L	5.00		108	70-130			
Hexachlorobutadiene	4.57	0.40	0.50	ug/L	5.00		91.4	70-130			
Isopropylbenzene	5.26	0.20	0.50	ug/L	5.00		105	70-130			
p-Isopropyltoluene	5.01	0.20	0.50	ug/L	5.00		100	70-130			
Methyl ethyl ketone	10.4	0.20	1.0	ug/L	10.0		104	70-130			
Methyl iodide	5.83	0.080	2.0	ug/L	5.00		117	70-130			
Methyl isobutyl ketone	10.7	0.20	1.0	ug/L	10.0		107	70-130			
Methylene chloride	5.24	0.40	0.50	ug/L	5.00		105	70-130			
Naphthalene	3.87	0.50	0.50	ug/L	5.00		77.4	70-130			
n-Propylbenzene	5.23	0.20	0.50	ug/L	5.00		105	70-130			
Styrene	5.10	0.20	0.50	ug/L	5.00		102	70-130			
1,1,1,2-Tetrachloroethane	5.08	0.40	0.50	ug/L	5.00		102	70-130			
1,1,2,2-Tetrachloroethane	4.89	0.060	0.50	ug/L	5.00		97.8	70-130			
Tetrachloroethene	4.58	0.20	0.50	ug/L	5.00		91.6	70-130			
Toluene	5.15	0.090	0.50	ug/L	5.00		103	70-130			
1,2,3-Trichlorobenzene	4.28	0.40	0.50	ug/L	5.00		85.6	70-130			
1,2,4-Trichlorobenzene	4.13	0.40	0.50	ug/L	5.00		82.6	70-130			
1,1,1-Trichloroethane	4.55	0.40	0.50	ug/L	5.00		91.0	70-130			
1,1,2-Trichloroethane	4.88	0.060	0.50	ug/L	5.00		97.6	70-130			
Trichloroethene	4.58	0.10	0.50	ug/L	5.00		91.6	70-130			
Trichlorofluoromethane	5.04	0.20	0.50	ug/L	5.00		101	70-130			
Trichlorotrifluoroethane	5.57	0.10	0.50	ug/L	5.00		111	70-130			
1,2,3-Trichloropropane	4.87	0.10	0.50	ug/L	5.00		97.4	70-130			
1,2,4-Trimethylbenzene	5.03	0.20	0.50	ug/L	5.00		101	70-130			
1,3,5-Trimethylbenzene	5.00	0.50	0.50	ug/L	5.00		100	70-130			
Vinyl chloride	5.33	0.20	0.50	ug/L	5.00		107	70-130			
m,p-Xylene	10.1	0.20	0.50	ug/L	10.0		101	70-130			
o-Xylene	4.97	0.20	0.50	ug/L	5.00		99.4	70-130			

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Sample Traps, LLC	Project Manager: Quality Control Manager	
262 Rickenbacker Circle	Project: QC- 40ml Amber VOA- HCl	Reported:
Livermore CA, 94551	Project Number: Silicone Batch Number 2021101003	09/21/22 11:58

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 AI23065 - VOAs in Water GCMS											
LCS (AI23065-BS1)					Prepared & Analyzed: 09/01/22						
Xylenes (total)	15.0	0.20	0.50	ug/L	15.0		100	70-130			
Methyl tert-butyl ether	5.32	0.50	3.0	ug/L	5.00		106	70-130			
Ethyl tert-butyl ether	5.87	0.10	0.50	ug/L	5.00		117	70-130			
Tert-amyl methyl ether	5.24	0.30	0.50	ug/L	5.00		105	70-130			
Surrogate: Bromofluorobenzene	*26.3*			*ug/L*	*25.0*		*105*	*70-130*			
Surrogate: Dibromofluoromethane	*26.5*			*ug/L*	*25.0*		*106*	*70-130*			
Surrogate: Toluene-d8	*26.6*			*ug/L*	*25.0*		*107*	*70-130*			
LCS Dup (AI23065-BSD1)					Prepared & Analyzed: 09/01/22						
Acetone	23.7	2.0	5.0	ug/L	20.0		118	70-130	7.48	30	
Acrylonitrile	5.33	0.10	5.0	ug/L	5.00		107	70-130	8.62	30	
Benzene	4.79	0.10	0.30	ug/L	5.00		95.8	70-130	2.27	30	
Bromobenzene	4.85	0.080	0.50	ug/L	5.00		97.0	70-130	2.64	30	
Bromochloromethane	4.37	0.10	0.50	ug/L	5.00		87.4	70-130	7.91	30	
Bromodichloromethane	4.87	0.20	0.50	ug/L	5.00		97.4	70-130	3.83	30	
Bromoform	4.99	0.30	0.50	ug/L	5.00		99.8	70-130	6.59	30	
Bromomethane	4.41	0.40	0.50	ug/L	5.00		88.2	70-130	2.46	30	
n-Butylbenzene	5.66	0.20	0.50	ug/L	5.00		113	70-130	2.32	30	
sec-Butylbenzene	5.10	0.20	0.50	ug/L	5.00		102	70-130	1.17	30	
tert-Butylbenzene	4.99	0.20	0.50	ug/L	5.00		99.8	70-130	1.39	30	
Carbon disulfide	4.58	0.40	0.50	ug/L	5.00		91.6	70-130	0.870	30	
Carbon tetrachloride	6.14	0.30	0.50	ug/L	5.00		123	70-130	1.29	30	
Chlorobenzene	4.82	0.040	0.50	ug/L	5.00		96.4	70-130	0.620	30	
Chloroethane	5.16	0.10	0.50	ug/L	5.00		103	70-130	0.580	30	
Chloroform	4.71	0.30	0.50	ug/L	5.00		94.2	70-130	4.56	30	
Chloromethane	5.75	0.40	0.50	ug/L	5.00		115	70-130	2.29	30	
2-Chlorotoluene	4.95	0.20	0.50	ug/L	5.00		99.0	70-130	2.59	30	
4-Chlorotoluene	4.90	0.20	0.50	ug/L	5.00		98.0	70-130	1.62	30	
Dibromochloromethane	4.52	0.30	0.50	ug/L	5.00		90.4	70-130	3.90	30	
1,2-Dibromo-3-chloropropane	4.72	0.50	0.50	ug/L	5.00		94.4	70-130	0.851	25	
1,2-Dibromoethane (EDB)	4.97	0.10	0.50	ug/L	5.00		99.4	70-130	0.605	25	
Dibromomethane	4.57	0.080	0.50	ug/L	5.00		91.4	70-130	0.439	30	
1,2-Dichlorobenzene	4.64	0.060	0.50	ug/L	5.00		92.8	70-130	0.866	30	
1,3-Dichlorobenzene	4.75	0.070	0.50	ug/L	5.00		95.0	70-130	2.29	30	
1,4-Dichlorobenzene	4.67	0.060	0.50	ug/L	5.00		93.4	70-130	2.33	30	
Dichlorodifluoromethane	4.84	0.10	0.50	ug/L	5.00		96.8	70-130	1.67	30	
1,1-Dichloroethane	4.60	0.20	0.50	ug/L	5.00		92.0	70-130	5.08	30	

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Sample Traps, LLC	Project Manager: Quality Control Manager	
262 Rickenbacker Circle	Project: QC- 40ml Amber VOA- HCl	Reported:
Livermore CA, 94551	Project Number: Silicone Batch Number 2021101003	09/21/22 11:58

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 AI23065 - VOAs in Water GCMS											
LCS Dup (AI23065-BSD1)					Prepared & Analyzed: 09/01/22						
1,2-Dichloroethane	4.98	0.10	0.50	ug/L	5.00		99.6	70-130	9.20	30	
1,1-Dichloroethene	4.17	0.10	0.30	ug/L	5.00		83.4	70-130	0.478	30	
cis-1,2-Dichloroethene	4.48	0.10	0.50	ug/L	5.00		89.6	70-130	4.58	30	
trans-1,2-Dichloroethene	4.41	0.10	0.50	ug/L	5.00		88.2	70-130	0.227	30	
1,2-Dichloropropane	4.71	0.080	0.50	ug/L	5.00		94.2	70-130	1.68	30	
1,3-Dichloropropane	5.04	0.30	0.50	ug/L	5.00		101	70-130	0.198	30	
2,2-Dichloropropane	5.48	0.30	0.50	ug/L	5.00		110	70-130	5.50	30	
1,1-Dichloropropene	4.24	0.10	0.50	ug/L	5.00		84.8	70-130	4.38	30	
cis-1,3-Dichloropropene	4.89	0.30	0.50	ug/L	5.00		97.8	70-130	2.07	30	
trans-1,3-Dichloropropene	4.98	0.50	0.50	ug/L	5.00		99.6	70-130	3.68	30	
2-Hexanone	5.18	0.20	5.0	ug/L	5.00		104	70-130	4.34	25	
Ethylbenzene	4.96	0.20	0.50	ug/L	5.00		99.2	70-130	0.404	30	
Hexachlorobutadiene	4.74	0.40	0.50	ug/L	5.00		94.8	70-130	3.65	30	
Isopropylbenzene	5.27	0.20	0.50	ug/L	5.00		105	70-130	0.190	30	
p-Isopropyltoluene	5.08	0.20	0.50	ug/L	5.00		102	70-130	1.39	30	
Methyl ethyl ketone	10.8	0.20	1.0	ug/L	10.0		108	70-130	3.40	30	
Methyl iodide	4.79	0.080	2.0	ug/L	5.00		95.8	70-130	19.6	25	
Methyl isobutyl ketone	10.6	0.20	1.0	ug/L	10.0		106	70-130	0.564	30	
Methylene chloride	5.20	0.40	0.50	ug/L	5.00		104	70-130	0.766	30	
Naphthalene	4.40	0.50	0.50	ug/L	5.00		88.0	70-130	12.8	30	
n-Propylbenzene	5.08	0.20	0.50	ug/L	5.00		102	70-130	2.91	30	
Styrene	5.06	0.20	0.50	ug/L	5.00		101	70-130	0.787	30	
1,1,1,2-Tetrachloroethane	5.22	0.40	0.50	ug/L	5.00		104	70-130	2.72	30	
1,1,2,2-Tetrachloroethane	4.66	0.060	0.50	ug/L	5.00		93.2	70-130	4.82	30	
Tetrachloroethene	4.55	0.20	0.50	ug/L	5.00		91.0	70-130	0.657	30	
Toluene	5.11	0.090	0.50	ug/L	5.00		102	70-130	0.780	30	
1,2,3-Trichlorobenzene	4.46	0.40	0.50	ug/L	5.00		89.2	70-130	4.12	30	
1,2,4-Trichlorobenzene	4.25	0.40	0.50	ug/L	5.00		85.0	70-130	2.86	30	
1,1,1-Trichloroethane	4.43	0.40	0.50	ug/L	5.00		88.6	70-130	2.67	30	
1,1,2-Trichloroethane	4.79	0.060	0.50	ug/L	5.00		95.8	70-130	1.86	30	
Trichloroethene	4.62	0.10	0.50	ug/L	5.00		92.4	70-130	0.870	30	
Trichlorofluoromethane	5.68	0.20	0.50	ug/L	5.00		114	70-130	11.9	30	
Trichlorotrifluoroethane	5.27	0.10	0.50	ug/L	5.00		105	70-130	5.54	30	
1,2,3-Trichloropropane	4.80	0.10	0.50	ug/L	5.00		96.0	70-130	1.45	25	
1,2,4-Trimethylbenzene	5.00	0.20	0.50	ug/L	5.00		100	70-130	0.598	30	
1,3,5-Trimethylbenzene	4.94	0.50	0.50	ug/L	5.00		98.8	70-130	1.21	30	

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Sample Traps, LLC	Project Manager: Quality Control Manager	
262 Rickenbacker Circle	Project: QC- 40ml Amber VOA- HCl	Reported:
Livermore CA, 94551	Project Number: Silicone Batch Number 2021101003	09/21/22 11:58

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 AI23065 - VOAs in Water GCMS											
LCS Dup (AI23065-BSD1)					Prepared & Analyzed: 09/01/22						
Vinyl chloride	5.41	0.20	0.50	ug/L	5.00		108	70-130	1.49	30	
m,p-Xylene	10.0	0.20	0.50	ug/L	10.0		100	70-130	0.298	30	
o-Xylene	5.03	0.20	0.50	ug/L	5.00		101	70-130	1.20	30	
Xylenes (total)	15.1	0.20	0.50	ug/L	15.0		101	70-130	0.199	30	
Methyl tert-butyl ether	5.40	0.50	3.0	ug/L	5.00		108	70-130	1.49	30	
Ethyl tert-butyl ether	5.95	0.10	0.50	ug/L	5.00		119	70-130	1.35	30	
Tert-amyl methyl ether	5.37	0.30	0.50	ug/L	5.00		107	70-130	2.45	30	
Surrogate: Bromofluorobenzene	*26.7*			*ug/L*	*25.0*		*107*	*70-130*			
Surrogate: Dibromofluoromethane	*25.3*			*ug/L*	*25.0*		*101*	*70-130*			
Surrogate: Toluene-d8	*27.2*			*ug/L*	*25.0*		*109*	*70-130*			
Matrix Spike (AI23065-MS1)		**Source: 22H3858-01**			Prepared & Analyzed: 09/01/22						
Acetone	33.3	2.0	5.0	ug/L	20.0	9.02	122	70-130			
Acrylonitrile	6.34	0.10	5.0	ug/L	5.00	ND	127	70-130			
Benzene	5.62	0.10	0.30	ug/L	5.00	ND	112	70-130			
Bromobenzene	5.66	0.080	0.50	ug/L	5.00	ND	113	70-130			
Bromochloromethane	5.51	0.10	0.50	ug/L	5.00	ND	110	70-130			
Bromodichloromethane	5.65	0.20	0.50	ug/L	5.00	ND	113	70-130			
Bromoform	5.49	0.30	0.50	ug/L	5.00	ND	110	70-130			
Bromomethane	5.22	0.40	0.50	ug/L	5.00	ND	104	70-130			
n-Butylbenzene	6.55	0.20	0.50	ug/L	5.00	ND	131	70-130			QM-05
sec-Butylbenzene	5.95	0.20	0.50	ug/L	5.00	ND	119	70-130			
tert-Butylbenzene	5.84	0.20	0.50	ug/L	5.00	ND	117	70-130			
Carbon disulfide	5.32	0.40	0.50	ug/L	5.00	ND	106	70-130			
Carbon tetrachloride	7.55	0.30	0.50	ug/L	5.00	ND	151	70-130			QM-05
Chlorobenzene	5.58	0.040	0.50	ug/L	5.00	ND	112	70-130			
Chloroethane	5.73	0.10	0.50	ug/L	5.00	ND	115	70-130			
Chloroform	5.85	0.30	0.50	ug/L	5.00	ND	117	70-130			
Chloromethane	5.38	0.40	0.50	ug/L	5.00	ND	108	70-130			
2-Chlorotoluene	5.84	0.20	0.50	ug/L	5.00	ND	117	70-130			
4-Chlorotoluene	5.87	0.20	0.50	ug/L	5.00	ND	117	70-130			
Dibromochloromethane	5.08	0.30	0.50	ug/L	5.00	ND	102	70-130			
1,2-Dibromo-3-chloropropane	5.34	0.50	0.50	ug/L	5.00	ND	107	70-130			
1,2-Dibromoethane (EDB)	5.59	0.10	0.50	ug/L	5.00	ND	112	70-130			
Dibromomethane	5.07	0.080	0.50	ug/L	5.00	ND	101	70-130			
1,2-Dichlorobenzene	5.30	0.060	0.50	ug/L	5.00	ND	106	70-130			
1,3-Dichlorobenzene	5.56	0.070	0.50	ug/L	5.00	ND	111	70-130			

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Sample Traps, LLC	Project Manager: Quality Control Manager	
262 Rickenbacker Circle	Project: QC- 40ml Amber VOA- HCl	Reported:
Livermore CA, 94551	Project Number: Silicone Batch Number 2021101003	09/21/22 11:58

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 AI23065 - VOAs in Water GCMS											
Matrix Spike (AI23065-MS1)		**Source: 22H3858-01**			Prepared & Analyzed: 09/01/22						
1,4-Dichlorobenzene	5.33	0.060	0.50	ug/L	5.00	ND	107	70-130			
Dichlorodifluoromethane	5.49	0.10	0.50	ug/L	5.00	ND	110	70-130			
1,1-Dichloroethane	5.68	0.20	0.50	ug/L	5.00	ND	114	70-130			
1,2-Dichloroethane	5.76	0.10	0.50	ug/L	5.00	ND	115	70-130			
1,1-Dichloroethene	5.03	0.10	0.30	ug/L	5.00	ND	101	70-130			
cis-1,2-Dichloroethene	5.61	0.10	0.50	ug/L	5.00	ND	112	70-130			
trans-1,2-Dichloroethene	5.45	0.10	0.50	ug/L	5.00	ND	109	70-130			
1,2-Dichloropropane	5.44	0.080	0.50	ug/L	5.00	ND	109	70-130			
1,3-Dichloropropane	5.68	0.30	0.50	ug/L	5.00	ND	114	70-130			
2,2-Dichloropropane	6.18	0.30	0.50	ug/L	5.00	ND	124	70-130			
1,1-Dichloropropene	5.33	0.10	0.50	ug/L	5.00	ND	107	70-130			
cis-1,3-Dichloropropene	5.56	0.30	0.50	ug/L	5.00	ND	111	70-130			
trans-1,3-Dichloropropene	5.43	0.50	0.50	ug/L	5.00	ND	109	70-130			
2-Hexanone	5.99	0.20	5.0	ug/L	5.00	ND	120	70-130			
Ethylbenzene	5.82	0.20	0.50	ug/L	5.00	ND	116	70-130			
Hexachlorobutadiene	5.51	0.40	0.50	ug/L	5.00	ND	110	70-130			
Isopropylbenzene	6.12	0.20	0.50	ug/L	5.00	ND	122	70-130			
p-Isopropyltoluene	5.91	0.20	0.50	ug/L	5.00	ND	118	70-130			
Methyl ethyl ketone	12.8	0.20	1.0	ug/L	10.0	ND	128	70-130			
Methyl iodide	6.97	0.080	2.0	ug/L	5.00	ND	139	70-130			QM-05
Methyl isobutyl ketone	12.1	0.20	1.0	ug/L	10.0	ND	121	70-130			
Methylene chloride	6.18	0.40	0.50	ug/L	5.00	ND	124	70-130			
Naphthalene	4.80	0.50	0.50	ug/L	5.00	ND	96.0	70-130			
n-Propylbenzene	6.10	0.20	0.50	ug/L	5.00	ND	122	70-130			
Styrene	5.85	0.20	0.50	ug/L	5.00	ND	117	70-130			
1,1,1,2-Tetrachloroethane	5.62	0.40	0.50	ug/L	5.00	ND	112	70-130			
1,1,2,2-Tetrachloroethane	5.66	0.060	0.50	ug/L	5.00	ND	113	70-130			
Tetrachloroethene	5.32	0.20	0.50	ug/L	5.00	ND	106	70-130			
Toluene	5.95	0.090	0.50	ug/L	5.00	ND	119	70-130			
1,2,3-Trichlorobenzene	5.15	0.40	0.50	ug/L	5.00	ND	103	70-130			
1,2,4-Trichlorobenzene	4.90	0.40	0.50	ug/L	5.00	ND	98.0	70-130			
1,1,1-Trichloroethane	5.63	0.40	0.50	ug/L	5.00	ND	113	70-130			
1,1,2-Trichloroethane	5.38	0.060	0.50	ug/L	5.00	ND	108	70-130			
Trichloroethene	5.45	0.10	0.50	ug/L	5.00	ND	109	70-130			
Trichlorofluoromethane	5.61	0.20	0.50	ug/L	5.00	ND	112	70-130			
Trichlorotrifluoroethane	6.88	0.10	0.50	ug/L	5.00	ND	138	70-130			QM-05

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Sample Traps, LLC	Project Manager: Quality Control Manager	
262 Rickenbacker Circle	Project: QC- 40ml Amber VOA- HCl	Reported:
Livermore CA, 94551	Project Number: Silicone Batch Number 2021101003	09/21/22 11:58

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 AI23065 - VOAs in Water GCMS											
Matrix Spike (AI23065-MS1)		**Source: 22H3858-01**			Prepared & Analyzed: 09/01/22						
1,2,3-Trichloropropane	5.43	0.10	0.50	ug/L	5.00	ND	109	70-130			
1,2,4-Trimethylbenzene	5.87	0.20	0.50	ug/L	5.00	ND	117	70-130			
1,3,5-Trimethylbenzene	5.74	0.50	0.50	ug/L	5.00	ND	115	70-130			
Vinyl chloride	5.48	0.20	0.50	ug/L	5.00	ND	110	70-130			
m,p-Xylene	11.8	0.20	0.50	ug/L	10.0	ND	118	70-130			
o-Xylene	5.78	0.20	0.50	ug/L	5.00	ND	116	70-130			
Xylenes (total)	17.6	0.20	0.50	ug/L	15.0	ND	117	70-130			
Methyl tert-butyl ether	5.16	0.50	3.0	ug/L	5.00	ND	103	70-130			
Ethyl tert-butyl ether	5.68	0.10	0.50	ug/L	5.00	ND	114	70-130			
Tert-amyl methyl ether	6.14	0.30	0.50	ug/L	5.00	ND	123	70-130			
Surrogate: Bromofluorobenzene	*27.5*			*ug/L*	*25.0*		*110*	*70-130*			
Surrogate: Dibromofluoromethane	*27.7*			*ug/L*	*25.0*		*111*	*70-130*			
Surrogate: Toluene-d8	*27.2*			*ug/L*	*25.0*		*109*	*70-130*			
Matrix Spike Dup (AI23065-MSD1)		**Source: 22H3858-01**			Prepared & Analyzed: 09/01/22						
Acetone	39.2	2.0	5.0	ug/L	20.0	9.02	151	70-130	16.1	30	QM-05
Acrylonitrile	6.18	0.10	5.0	ug/L	5.00	ND	124	70-130	2.56	30	
Benzene	5.16	0.10	0.30	ug/L	5.00	ND	103	70-130	8.53	30	
Bromobenzene	5.58	0.080	0.50	ug/L	5.00	ND	112	70-130	1.42	30	
Bromochloromethane	5.18	0.10	0.50	ug/L	5.00	ND	104	70-130	6.17	30	
Bromodichloromethane	5.70	0.20	0.50	ug/L	5.00	ND	114	70-130	0.881	30	
Bromoform	5.46	0.30	0.50	ug/L	5.00	ND	109	70-130	0.548	30	
Bromomethane	5.48	0.40	0.50	ug/L	5.00	ND	110	70-130	4.86	30	
n-Butylbenzene	6.56	0.20	0.50	ug/L	5.00	ND	131	70-130	0.153	30	QM-05
sec-Butylbenzene	6.01	0.20	0.50	ug/L	5.00	ND	120	70-130	1.00	30	
tert-Butylbenzene	6.02	0.20	0.50	ug/L	5.00	ND	120	70-130	3.04	30	
Carbon disulfide	5.78	0.40	0.50	ug/L	5.00	ND	116	70-130	8.29	30	
Carbon tetrachloride	7.66	0.30	0.50	ug/L	5.00	ND	153	70-130	1.45	30	QM-05
Chlorobenzene	5.53	0.040	0.50	ug/L	5.00	ND	111	70-130	0.900	30	
Chloroethane	6.17	0.10	0.50	ug/L	5.00	ND	123	70-130	7.39	30	
Chloroform	5.69	0.30	0.50	ug/L	5.00	ND	114	70-130	2.77	30	
Chloromethane	6.37	0.40	0.50	ug/L	5.00	ND	127	70-130	16.9	30	
2-Chlorotoluene	5.78	0.20	0.50	ug/L	5.00	ND	116	70-130	1.03	30	
4-Chlorotoluene	5.72	0.20	0.50	ug/L	5.00	ND	114	70-130	2.59	30	
Dibromochloromethane	5.10	0.30	0.50	ug/L	5.00	ND	102	70-130	0.393	30	
1,2-Dibromo-3-chloropropane	5.29	0.50	0.50	ug/L	5.00	ND	106	70-130	0.941	25	
1,2-Dibromoethane (EDB)	5.57	0.10	0.50	ug/L	5.00	ND	111	70-130	0.358	25	

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Sample Traps, LLC	Project Manager: Quality Control Manager	
262 Rickenbacker Circle	Project: QC- 40ml Amber VOA- HCl	Reported:
Livermore CA, 94551	Project Number: Silicone Batch Number 2021101003	09/21/22 11:58

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 AI23065 - VOAs in Water GCMS											
Matrix Spike Dup (AI23065-MSD1)		**Source: 22H3858-01**			Prepared & Analyzed: 09/01/22						
Dibromomethane	4.97	0.080	0.50	ug/L	5.00	ND	99.4	70-130	1.99	30	
1,2-Dichlorobenzene	5.24	0.060	0.50	ug/L	5.00	ND	105	70-130	1.14	30	
1,3-Dichlorobenzene	5.26	0.070	0.50	ug/L	5.00	ND	105	70-130	5.55	30	
1,4-Dichlorobenzene	5.27	0.060	0.50	ug/L	5.00	ND	105	70-130	1.13	30	
Dichlorodifluoromethane	5.78	0.10	0.50	ug/L	5.00	ND	116	70-130	5.15	30	
1,1-Dichloroethane	5.49	0.20	0.50	ug/L	5.00	ND	110	70-130	3.40	30	
1,2-Dichloroethane	5.63	0.10	0.50	ug/L	5.00	ND	113	70-130	2.28	30	
1,1-Dichloroethene	4.86	0.10	0.30	ug/L	5.00	ND	97.2	70-130	3.44	30	
cis-1,2-Dichloroethene	5.38	0.10	0.50	ug/L	5.00	ND	108	70-130	4.19	30	
trans-1,2-Dichloroethene	5.13	0.10	0.50	ug/L	5.00	ND	103	70-130	6.05	30	
1,2-Dichloropropane	5.41	0.080	0.50	ug/L	5.00	ND	108	70-130	0.553	30	
1,3-Dichloropropane	5.57	0.30	0.50	ug/L	5.00	ND	111	70-130	1.96	30	
2,2-Dichloropropane	6.23	0.30	0.50	ug/L	5.00	ND	125	70-130	0.806	30	
1,1-Dichloropropene	5.22	0.10	0.50	ug/L	5.00	ND	104	70-130	2.09	30	
cis-1,3-Dichloropropene	5.74	0.30	0.50	ug/L	5.00	ND	115	70-130	3.19	30	
trans-1,3-Dichloropropene	5.59	0.50	0.50	ug/L	5.00	ND	112	70-130	2.90	30	
2-Hexanone	5.86	0.20	5.0	ug/L	5.00	ND	117	70-130	2.19	25	
Ethylbenzene	5.84	0.20	0.50	ug/L	5.00	ND	117	70-130	0.343	30	
Hexachlorobutadiene	5.42	0.40	0.50	ug/L	5.00	ND	108	70-130	1.65	30	
Isopropylbenzene	6.18	0.20	0.50	ug/L	5.00	ND	124	70-130	0.976	30	
p-Isopropyltoluene	5.82	0.20	0.50	ug/L	5.00	ND	116	70-130	1.53	30	
Methyl ethyl ketone	12.0	0.20	1.0	ug/L	10.0	ND	120	70-130	6.27	30	
Methyl iodide	8.26	0.080	2.0	ug/L	5.00	ND	165	70-130	16.9	25	QM-05
Methyl isobutyl ketone	12.1	0.20	1.0	ug/L	10.0	ND	121	70-130	0.00	30	
Methylene chloride	6.13	0.40	0.50	ug/L	5.00	ND	123	70-130	0.812	30	
Naphthalene	4.76	0.50	0.50	ug/L	5.00	ND	95.2	70-130	0.837	30	
n-Propylbenzene	6.00	0.20	0.50	ug/L	5.00	ND	120	70-130	1.65	30	
Styrene	5.69	0.20	0.50	ug/L	5.00	ND	114	70-130	2.77	30	
1,1,1,2-Tetrachloroethane	6.04	0.40	0.50	ug/L	5.00	ND	121	70-130	7.20	30	
1,1,2,2-Tetrachloroethane	5.46	0.060	0.50	ug/L	5.00	ND	109	70-130	3.60	30	
Tetrachloroethene	5.32	0.20	0.50	ug/L	5.00	ND	106	70-130	0.00	30	
Toluene	5.86	0.090	0.50	ug/L	5.00	ND	117	70-130	1.52	30	
1,2,3-Trichlorobenzene	4.89	0.40	0.50	ug/L	5.00	ND	97.8	70-130	5.18	30	
1,2,4-Trichlorobenzene	4.71	0.40	0.50	ug/L	5.00	ND	94.2	70-130	3.95	30	
1,1,1-Trichloroethane	5.61	0.40	0.50	ug/L	5.00	ND	112	70-130	0.356	30	
1,1,2-Trichloroethane	5.38	0.060	0.50	ug/L	5.00	ND	108	70-130	0.00	30	

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Sample Traps, LLC	Project Manager:	Quality Control Manager
262 Rickenbacker Circle	Project:	QC- 40ml Amber VOA- HCl
Livermore CA, 94551	Project Number:	Silicone Batch Number 2021101003

Reported: 09/21/22 11:58

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 AI23065 - VOAs in Water GCMS											
Matrix Spike Dup (AI23065-MSD1)		**Source: 22H3858-01**			Prepared & Analyzed: 09/01/22						
Trichloroethene	5.40	0.10	0.50	ug/L	5.00	ND	108	70-130	0.922	30	
Trichlorofluoromethane	5.76	0.20	0.50	ug/L	5.00	ND	115	70-130	2.64	30	
Trichlorotrifluoroethane	6.06	0.10	0.50	ug/L	5.00	ND	121	70-130	12.7	30	
1,2,3-Trichloropropane	5.44	0.10	0.50	ug/L	5.00	ND	109	70-130	0.184	25	
1,2,4-Trimethylbenzene	5.67	0.20	0.50	ug/L	5.00	ND	113	70-130	3.47	30	
1,3,5-Trimethylbenzene	5.79	0.50	0.50	ug/L	5.00	ND	116	70-130	0.867	30	
Vinyl chloride	6.31	0.20	0.50	ug/L	5.00	ND	126	70-130	14.1	30	
m,p-Xylene	11.8	0.20	0.50	ug/L	10.0	ND	118	70-130	0.255	30	
o-Xylene	5.79	0.20	0.50	ug/L	5.00	ND	116	70-130	0.173	30	
Xylenes (total)	17.5	0.20	0.50	ug/L	15.0	ND	117	70-130	0.114	30	
Methyl tert-butyl ether	5.13	0.50	3.0	ug/L	5.00	ND	103	70-130	0.583	30	
Ethyl tert-butyl ether	6.19	0.10	0.50	ug/L	5.00	ND	124	70-130	8.59	30	
Tert-amyl methyl ether	6.27	0.30	0.50	ug/L	5.00	ND	125	70-130	2.10	30	
Surrogate: Bromofluorobenzene	*26.3*			*ug/L*	*25.0*		*105*	*70-130*			
Surrogate: Dibromofluoromethane	*26.2*			*ug/L*	*25.0*		*105*	*70-130*			
Surrogate: Toluene-d8	*26.5*			*ug/L*	*25.0*		*106*	*70-130*			

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Sample Traps, LLC	Project Manager: Quality Control Manager	
262 Rickenbacker Circle	Project: QC- 40ml Amber VOA- HCl	Reported:
Livermore CA, 94551	Project Number: Silicone Batch Number 2021101003	09/21/22 11:58

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 AI23300 - VOAs in Water GCMS											
Blank (AI23300-BLK1)					Prepared: 09/06/22 Analyzed: 09/07/22						
Acetone	ND	0.70	5.0	ug/L							U
Acetonitrile	ND	20	100	ug/L							U
Allyl chloride	ND	0.10	10	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	0.30	1.0	ug/L							U
Chloroform	ND	0.060	0.50	ug/L							U
Chloromethane	ND	0.40	0.50	ug/L							U
Chloroprene	ND	0.10	1.0	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	0.60	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	0.40	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

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Sample Traps, LLC	Project Manager: Quality Control Manager	
262 Rickenbacker Circle	Project: QC- 40ml Amber VOA- HCl	Reported:
Livermore CA, 94551	Project Number: Silicone Batch Number 2021101003	09/21/22 11:58

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 AI23300 - VOAs in Water GCMS											
Blank (AI23300-BLK1)					Prepared: 09/06/22 Analyzed: 09/07/22						
trans-1,2-Dichloroethene	ND	0.10	0.50	ug/L							U
1,2-Dichloropropane	ND	0.40	0.50	ug/L							U
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	0.40	0.50	ug/L							U
Ethyl acetate	ND	0.30	2.0	ug/L							U
Ethylbenzene	ND	0.10	0.50	ug/L							U
Ethyl methacrylate	ND	0.20	10	ug/L							U
Ethanol	ND	20	50	ug/L							U
Hexachloroethane	ND	0.40	1.0	ug/L							U
Ethyl tert-butyl ether	ND	0.40	0.50	ug/L							U
Hexachlorobutadiene	ND	0.10	0.50	ug/L							U
2-Hexanone	ND	0.20	5.0	ug/L							U
Isopropyl alcohol	ND	30	100	ug/L							U
Isobutanol	ND	40	100	ug/L							U
Isopropylbenzene	ND	0.40	0.50	ug/L							U
p-Isopropyltoluene	ND	0.40	0.50	ug/L							U
Methacrylonitrile	ND	0.40	1.0	ug/L							U
Methylene chloride	ND	0.20	0.50	ug/L							U
Methyl ethyl ketone	ND	0.70	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
Methyl methacrylate	ND	0.40	1.0	ug/L							U
Propionitrile	ND	3.0	50	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

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Sample Traps, LLC	Project Manager: Quality Control Manager	
262 Rickenbacker Circle	Project: QC- 40ml Amber VOA- HCl	Reported:
Livermore CA, 94551	Project Number: Silicone Batch Number 2021101003	09/21/22 11:58

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 AI23300 - VOAs in Water GCMS											
Blank (AI23300-BLK1)					Prepared: 09/06/22 Analyzed: 09/07/22						
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
Trichloroethene	ND	0.40	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	*28.0*			*ug/L*	*25.0*		*112*	*70-130*			
Surrogate: Dibromofluoromethane	*26.9*			*ug/L*	*25.0*		*107*	*70-130*			
Surrogate: Toluene-d8	*28.0*			*ug/L*	*25.0*		*112*	*70-130*			
LCS (AI23300-BS1)					Prepared: 09/06/22 Analyzed: 09/07/22						
Acetone	61.8	0.70	5.0	ug/L	80.0		77.2	48-124			
Acetonitrile	1650	20	100	ug/L	2000		82.5	70-130			
Allyl chloride	16.2	0.10	10	ug/L	20.0		80.8	70-130			
Acrylonitrile	16.3	0.10	5.0	ug/L	20.0		81.6	70-130			
Benzene	18.4	0.060	0.30	ug/L	20.0		91.8	82-122			
Bromobenzene	21.0	0.070	0.50	ug/L	20.0		105	83-122			
Bromochloromethane	19.7	0.10	0.50	ug/L	20.0		98.3	83-124			
Bromodichloromethane	18.4	0.080	0.50	ug/L	20.0		91.8	86-135			
Bromoform	18.0	0.30	0.50	ug/L	20.0		90.0	76-144			
Bromomethane	21.8	0.40	0.50	ug/L	20.0		109	69-145			
n-Butylbenzene	20.2	0.40	0.50	ug/L	20.0		101	79-132			
sec-Butylbenzene	21.7	0.40	0.50	ug/L	20.0		108	86-132			
tert-Butylbenzene	22.0	0.30	0.50	ug/L	20.0		110	82-126			
Carbon disulfide	15.7	0.10	5.0	ug/L	20.0		78.6	70-130			

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Sample Traps, LLC	Project Manager: Quality Control Manager	
262 Rickenbacker Circle	Project: QC- 40ml Amber VOA- HCl	Reported:
Livermore CA, 94551	Project Number: Silicone Batch Number 2021101003	09/21/22 11:58

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 AI23300 - VOAs in Water GCMS											
LCS (AI23300-BS1)					Prepared: 09/06/22 Analyzed: 09/07/22						
Carbon tetrachloride	18.6	0.10	0.50	ug/L	20.0		93.0	77-134			
Chlorobenzene	20.1	0.050	0.50	ug/L	20.0		101	84-119			
Chloroethane	17.3	0.10	0.50	ug/L	20.0		86.4	68-133			
2-Chloroethylvinyl ether	43.7	0.30	1.0	ug/L	40.0		109	75-130			
Chloroform	18.6	0.060	0.50	ug/L	20.0		93.0	81-122			
Chloroprene	17.8	0.10	1.0	ug/L	20.0		89.0	70-130			
Chloromethane	17.2	0.40	0.50	ug/L	20.0		85.8	63-129			
2-Chlorotoluene	21.7	0.10	0.50	ug/L	20.0		109	79-132			
4-Chlorotoluene	20.8	0.10	0.50	ug/L	20.0		104	80-122			
Dibromochloromethane	20.4	0.10	0.50	ug/L	20.0		102	83-135			
1,2-Dibromo-3-chloropropane	19.9	0.60	2.0	ug/L	20.0		99.7	73-128			
1,2-Dibromoethane (EDB)	21.4	0.10	0.50	ug/L	20.0		107	80-120			
Dibromomethane	17.9	0.10	0.50	ug/L	20.0		89.6	82-124			
1,2-Dichlorobenzene	20.3	0.060	0.50	ug/L	20.0		102	84-121			
1,3-Dichlorobenzene	20.8	0.080	0.50	ug/L	20.0		104	80-120			
1,4-Dichlorobenzene	19.4	0.050	0.50	ug/L	20.0		96.8	84-120			
trans-1,4-Dichloro-2-butene	22.9	0.20	5.0	ug/L	20.0		114	70-130			
Dichlorodifluoromethane	20.4	0.40	0.50	ug/L	20.0		102	52-142			
1,1-Dichloroethane	17.6	0.080	0.50	ug/L	20.0		88.2	81-126			
1,2-Dichloroethane	21.5	0.40	0.50	ug/L	20.0		108	77-117			
1,1-Dichloroethene	14.6	0.10	0.50	ug/L	20.0		73.2	71-151			
cis-1,2-Dichloroethene	18.0	0.10	0.50	ug/L	20.0		89.9	84-131			
trans-1,2-Dichloroethene	18.0	0.10	0.50	ug/L	20.0		90.2	79-128			
1,2-Dichloropropane	17.6	0.40	0.50	ug/L	20.0		87.8	82-125			
1,3-Dichloropropane	20.2	0.050	0.50	ug/L	20.0		101	83-120			
2,2-Dichloropropane	18.0	0.20	0.50	ug/L	20.0		89.8	80-125			
1,1-Dichloropropene	19.2	0.10	0.50	ug/L	20.0		96.2	85-130			
cis-1,3-Dichloropropene	19.1	0.40	0.50	ug/L	20.0		95.6	83-128			
trans-1,3-Dichloropropene	21.4	0.40	0.50	ug/L	20.0		107	67-129			
Diethyl ether	18.6	0.20	1.0	ug/L	20.0		93.1	70-130			
Di-isopropyl ether	20.6	0.40	0.50	ug/L	20.0		103	83-132			
Ethanol	777	20	50	ug/L	980		79.3	50-150			
Ethylbenzene	20.8	0.10	0.50	ug/L	20.0		104	84-124			
Ethyl acetate	18.2	0.30	2.0	ug/L	20.0		91.2	70-150			
Ethyl methacrylate	19.3	0.20	10	ug/L	20.0		96.4	70-130			
Ethyl tert-butyl ether	22.0	0.40	0.50	ug/L	20.0		110	74-127			

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Sample Traps, LLC	Project Manager: Quality Control Manager	
262 Rickenbacker Circle	Project: QC- 40ml Amber VOA- HCl	Reported:
Livermore CA, 94551	Project Number: Silicone Batch Number 2021101003	09/21/22 11:58

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 AI23300 - VOAs in Water GCMS											
LCS (AI23300-BS1)					Prepared: 09/06/22 Analyzed: 09/07/22						
Hexachlorobutadiene	18.6	0.10	0.50	ug/L	20.0		92.8	75-135			
Hexachloroethane	22.1	0.40	1.0	ug/L	20.0		111	70-130			
2-Hexanone	23.0	0.20	5.0	ug/L	20.0		115	70-130			
Isopropylbenzene	21.3	0.40	0.50	ug/L	20.0		106	75-116			
Isobutanol	1860	40	100	ug/L	2000		92.8	70-130			
p-Isopropyltoluene	22.0	0.40	0.50	ug/L	20.0		110	78-124			
Methylene chloride	17.6	0.20	0.50	ug/L	20.0		88.2	72-132			
Methacrylonitrile	20.4	0.40	1.0	ug/L	20.0		102	70-130			
Methyl ethyl ketone	40.1	0.70	1.0	ug/L	40.0		100	58-157			
Methyl iodide	17.4	0.10	2.0	ug/L	20.0		87.0	56-167			
Methyl isobutyl ketone	39.8	0.60	1.0	ug/L	40.0		99.4	70-130			
Methyl methacrylate	25.7	0.40	1.0	ug/L	20.0		129	70-130			
Methyl tert-butyl ether	21.0	0.50	0.50	ug/L	20.0		105	84-119			
Naphthalene	19.3	0.50	0.50	ug/L	20.0		96.6	84-134			
Propionitrile	701	3.0	50	ug/L	1000		70.1	70-130			
n-Propylbenzene	22.2	0.40	0.50	ug/L	20.0		111	75-127			
Styrene	22.0	0.10	0.50	ug/L	20.0		110	80-125			
Tert-amyl methyl ether	19.2	0.40	0.50	ug/L	20.0		95.8	74-120			
Tert-butyl alcohol	302	6.0	10	ug/L	400		75.6	66-147			
1,1,1,2-Tetrachloroethane	22.3	0.10	0.50	ug/L	20.0		112	80-132			
1,1,2,2-Tetrachloroethane	19.6	0.080	0.50	ug/L	20.0		98.0	84-115			
Tetrachloroethene	20.1	0.10	0.50	ug/L	20.0		100	56-156			
Tetrahydrofuran	24.1	0.10	5.0	ug/L	20.0		121	70-130			
Toluene	20.5	0.10	0.30	ug/L	20.0		102	76-137			
1,2,4-Trichlorobenzene	20.9	0.20	0.50	ug/L	20.0		104	84-126			
1,2,3-Trichlorobenzene	19.4	0.20	0.50	ug/L	20.0		96.8	85-133			
1,1,1-Trichloroethane	20.5	0.10	0.50	ug/L	20.0		103	70-130			
1,1,2-Trichloroethane	20.0	0.080	0.50	ug/L	20.0		100	83-122			
Trichloroethene	19.5	0.40	0.50	ug/L	20.0		97.4	84-123			
Trichlorofluoromethane	18.4	0.20	0.50	ug/L	20.0		92.0	74-130			
1,2,3-Trichloropropane	19.3	0.10	0.50	ug/L	20.0		96.7	78-122			
Trichlorotrifluoroethane	15.8	0.20	0.50	ug/L	20.0		78.8	82-125			QL-03
1,2,4-Trimethylbenzene	22.3	0.40	0.50	ug/L	20.0		111	85-127			
1,3,5-Trimethylbenzene	21.8	0.30	0.50	ug/L	20.0		109	80-125			
Vinyl acetate	43.8	0.20	1.0	ug/L	40.0		110	60-140			
Vinyl chloride	17.7	0.40	0.50	ug/L	20.0		88.6	70-130			

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Sample Traps, LLC	Project Manager: Quality Control Manager	
262 Rickenbacker Circle	Project: QC- 40ml Amber VOA- HCl	Reported:
Livermore CA, 94551	Project Number: Silicone Batch Number 2021101003	09/21/22 11:58

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 AI23300 - VOAs in Water GCMS											
LCS (AI23300-BS1)					Prepared: 09/06/22 Analyzed: 09/07/22						
m,p-Xylene	42.7	0.20	0.50	ug/L	40.0		107	81-124			
o-Xylene	21.0	0.10	0.50	ug/L	20.0		105	80-126			
Xylenes (total)	63.7	0.50	0.50	ug/L	60.0		106	81-126			
Surrogate: Bromofluorobenzene	*29.4*			*ug/L*	*25.0*		*118*	*70-130*			
Surrogate: Dibromofluoromethane	*27.2*			*ug/L*	*25.0*		*109*	*70-130*			
Surrogate: Toluene-d8	*28.1*			*ug/L*	*25.0*		*112*	*70-130*			
LCS Dup (AI23300-BSD1)					Prepared: 09/06/22 Analyzed: 09/07/22						
Acetone	60.6	0.70	5.0	ug/L	80.0		75.7	48-124	1.98	25	
Acetonitrile	1990	20	100	ug/L	2000		99.6	70-130	18.8	25	
Acrylonitrile	16.6	0.10	5.0	ug/L	20.0		82.8	70-130	1.52	25	
Allyl chloride	16.2	0.10	10	ug/L	20.0		80.8	70-130	0.0619	25	
Benzene	18.1	0.060	0.30	ug/L	20.0		90.7	82-122	1.21	25	
Bromobenzene	20.7	0.070	0.50	ug/L	20.0		103	83-122	1.34	25	
Bromochloromethane	18.2	0.10	0.50	ug/L	20.0		91.1	83-124	7.60	25	
Bromodichloromethane	17.8	0.080	0.50	ug/L	20.0		88.8	86-135	3.32	25	
Bromoform	17.7	0.30	0.50	ug/L	20.0		88.6	76-144	1.62	25	
Bromomethane	21.4	0.40	0.50	ug/L	20.0		107	69-145	1.39	25	
n-Butylbenzene	20.4	0.40	0.50	ug/L	20.0		102	79-132	1.04	25	
sec-Butylbenzene	21.7	0.40	0.50	ug/L	20.0		109	86-132	0.184	25	
tert-Butylbenzene	22.1	0.30	0.50	ug/L	20.0		110	82-126	0.500	25	
Carbon disulfide	16.3	0.10	5.0	ug/L	20.0		81.4	70-130	3.50	30	
Carbon tetrachloride	19.3	0.10	0.50	ug/L	20.0		96.3	77-134	3.54	25	
Chlorobenzene	20.0	0.050	0.50	ug/L	20.0		100	84-119	0.398	25	
Chloroethane	18.0	0.10	0.50	ug/L	20.0		90.2	68-133	4.30	25	
2-Chloroethylvinyl ether	42.6	0.30	1.0	ug/L	40.0		106	75-130	2.64	30	
Chloroform	17.8	0.060	0.50	ug/L	20.0		89.2	81-122	4.17	25	
Chloroprene	17.5	0.10	1.0	ug/L	20.0		87.7	70-130	1.42	25	
Chloromethane	18.1	0.40	0.50	ug/L	20.0		90.7	63-129	5.55	25	
2-Chlorotoluene	21.4	0.10	0.50	ug/L	20.0		107	79-132	1.58	25	
4-Chlorotoluene	20.2	0.10	0.50	ug/L	20.0		101	80-122	2.68	25	
Dibromochloromethane	20.2	0.10	0.50	ug/L	20.0		101	83-135	1.38	25	
1,2-Dibromo-3-chloropropane	19.1	0.60	2.0	ug/L	20.0		95.7	73-128	4.09	25	
1,2-Dibromoethane (EDB)	20.8	0.10	0.50	ug/L	20.0		104	80-120	2.79	25	
Dibromomethane	17.8	0.10	0.50	ug/L	20.0		89.0	82-124	0.672	25	
1,2-Dichlorobenzene	19.8	0.060	0.50	ug/L	20.0		99.2	84-121	2.34	25	
1,3-Dichlorobenzene	20.3	0.080	0.50	ug/L	20.0		102	80-120	2.43	25	

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Sample Traps, LLC	Project Manager: Quality Control Manager	
262 Rickenbacker Circle	Project: QC- 40ml Amber VOA- HCl	Reported:
Livermore CA, 94551	Project Number: Silicone Batch Number 2021101003	09/21/22 11:58

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 AI23300 - VOAs in Water GCMS											
LCS Dup (AI23300-BSD1)					Prepared: 09/06/22 Analyzed: 09/07/22						
1,4-Dichlorobenzene	19.2	0.050	0.50	ug/L	20.0		96.0	84-120	0.882	25	
trans-1,4-Dichloro-2-butene	22.3	0.20	5.0	ug/L	20.0		112	70-130	2.43	25	
Dichlorodifluoromethane	20.0	0.40	0.50	ug/L	20.0		100	52-142	2.08	25	
1,1-Dichloroethane	17.4	0.080	0.50	ug/L	20.0		86.8	81-126	1.49	25	
1,2-Dichloroethane	21.2	0.40	0.50	ug/L	20.0		106	77-117	1.59	25	
1,1-Dichloroethene	14.6	0.10	0.50	ug/L	20.0		72.8	71-151	0.685	25	
cis-1,2-Dichloroethene	17.2	0.10	0.50	ug/L	20.0		86.0	84-131	4.43	25	
trans-1,2-Dichloroethene	18.2	0.10	0.50	ug/L	20.0		90.9	79-128	0.718	25	
1,2-Dichloropropane	17.1	0.40	0.50	ug/L	20.0		85.6	82-125	2.48	25	
1,3-Dichloropropane	19.2	0.050	0.50	ug/L	20.0		95.9	83-120	5.18	25	
2,2-Dichloropropane	18.2	0.20	0.50	ug/L	20.0		91.2	80-125	1.55	25	
1,1-Dichloropropene	19.0	0.10	0.50	ug/L	20.0		95.2	85-130	1.15	25	
cis-1,3-Dichloropropene	18.7	0.40	0.50	ug/L	20.0		93.5	83-128	2.27	25	
trans-1,3-Dichloropropene	21.5	0.40	0.50	ug/L	20.0		107	67-129	0.233	25	
Diethyl ether	19.9	0.20	1.0	ug/L	20.0		99.4	70-130	6.55	25	
Di-isopropyl ether	19.6	0.40	0.50	ug/L	20.0		97.9	83-132	5.03	25	
Ethyl methacrylate	18.9	0.20	10	ug/L	20.0		94.6	70-130	1.99	25	
Ethanol	754	20	50	ug/L	980		76.9	50-150	3.00	25	
Ethyl acetate	19.5	0.30	2.0	ug/L	20.0		97.4	70-150	6.52	25	
Ethylbenzene	21.3	0.10	0.50	ug/L	20.0		106	84-124	1.95	25	
Hexachlorobutadiene	19.4	0.10	0.50	ug/L	20.0		97.2	75-135	4.69	25	
Hexachloroethane	23.1	0.40	1.0	ug/L	20.0		116	70-130	4.42	25	
Ethyl tert-butyl ether	20.4	0.40	0.50	ug/L	20.0		102	74-127	7.79	25	
2-Hexanone	22.1	0.20	5.0	ug/L	20.0		111	70-130	3.77	30	
Isobutanol	1780	40	100	ug/L	2000		89.2	70-130	3.91	25	
Isopropylbenzene	21.6	0.40	0.50	ug/L	20.0		108	75-116	1.40	25	
p-Isopropyltoluene	21.8	0.40	0.50	ug/L	20.0		109	78-124	0.548	25	
Methacrylonitrile	18.7	0.40	1.0	ug/L	20.0		93.3	70-130	8.96	25	
Methylene chloride	17.6	0.20	0.50	ug/L	20.0		88.0	72-132	0.227	25	
Methyl ethyl ketone	39.5	0.70	1.0	ug/L	40.0		98.8	58-157	1.31	25	
Methyl iodide	17.5	0.10	2.0	ug/L	20.0		87.3	56-167	0.344	30	
Methyl isobutyl ketone	36.9	0.60	1.0	ug/L	40.0		92.2	70-130	7.57	25	
Methyl methacrylate	24.8	0.40	1.0	ug/L	20.0		124	70-130	3.64	25	
Propionitrile	751	3.0	50	ug/L	1000		75.1	70-130	6.90	25	
Methyl tert-butyl ether	19.2	0.50	0.50	ug/L	20.0		96.0	84-119	8.95	25	
Naphthalene	18.5	0.50	0.50	ug/L	20.0		92.3	84-134	4.55	25	

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Sample Traps, LLC	Project Manager: Quality Control Manager	
262 Rickenbacker Circle	Project: QC- 40ml Amber VOA- HCl	Reported:
Livermore CA, 94551	Project Number: Silicone Batch Number 2021101003	09/21/22 11:58

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 AI23300 - VOAs in Water GCMS											
LCS Dup (AI23300-BSD1)					Prepared: 09/06/22 Analyzed: 09/07/22						
n-Propylbenzene	22.1	0.40	0.50	ug/L	20.0		110	75-127	0.587	25	
Styrene	21.7	0.10	0.50	ug/L	20.0		108	80-125	1.60	25	
Tert-amyl methyl ether	17.5	0.40	0.50	ug/L	20.0		87.3	74-120	9.34	25	
Tert-butyl alcohol	330	6.0	10	ug/L	400		82.6	66-147	8.78	25	
1,1,1,2-Tetrachloroethane	21.3	0.10	0.50	ug/L	20.0		107	80-132	4.49	25	
1,1,2,2-Tetrachloroethane	18.4	0.080	0.50	ug/L	20.0		92.2	84-115	6.10	25	
Tetrachloroethene	20.6	0.10	0.50	ug/L	20.0		103	56-156	2.41	25	
Tetrahydrofuran	22.2	0.10	5.0	ug/L	20.0		111	70-130	8.47	25	
Toluene	20.5	0.10	0.30	ug/L	20.0		102	76-137	0.00	25	
1,2,3-Trichlorobenzene	19.4	0.20	0.50	ug/L	20.0		97.0	85-133	0.155	25	
1,2,4-Trichlorobenzene	20.5	0.20	0.50	ug/L	20.0		102	84-126	1.88	25	
1,1,1-Trichloroethane	20.9	0.10	0.50	ug/L	20.0		105	70-130	1.83	25	
1,1,2-Trichloroethane	19.0	0.080	0.50	ug/L	20.0		95.0	83-122	5.28	25	
Trichloroethene	19.3	0.40	0.50	ug/L	20.0		96.3	84-123	1.14	25	
Trichlorofluoromethane	19.2	0.20	0.50	ug/L	20.0		95.8	74-130	4.05	25	
1,2,3-Trichloropropane	18.3	0.10	0.50	ug/L	20.0		91.6	78-122	5.47	25	
Trichlorotrifluoroethane	15.7	0.20	0.50	ug/L	20.0		78.7	82-125	0.190	25	QL-03
1,2,4-Trimethylbenzene	21.5	0.40	0.50	ug/L	20.0		107	85-127	3.66	25	
1,3,5-Trimethylbenzene	21.6	0.30	0.50	ug/L	20.0		108	80-125	1.15	25	
Vinyl acetate	40.1	0.20	1.0	ug/L	40.0		100	60-140	8.97	25	
Vinyl chloride	18.3	0.40	0.50	ug/L	20.0		91.4	70-130	3.17	25	
m,p-Xylene	42.9	0.20	0.50	ug/L	40.0		107	81-124	0.397	25	
o-Xylene	20.8	0.10	0.50	ug/L	20.0		104	80-126	1.00	25	
Xylenes (total)	63.7	0.50	0.50	ug/L	60.0		106	81-126	0.0628	25	
Surrogate: Bromofluorobenzene	*29.0*			*ug/L*	*25.0*		*116*	*70-130*			
Surrogate: Dibromofluoromethane	*25.5*			*ug/L*	*25.0*		*102*	*70-130*			
Surrogate: Toluene-d8	*28.5*			*ug/L*	*25.0*		*114*	*70-130*			

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Sample Traps, LLC	Project Manager: Quality Control Manager	
262 Rickenbacker Circle	Project: QC- 40ml Amber VOA- HCl	Reported:
Livermore CA, 94551	Project Number: Silicone Batch Number 2021101003	09/21/22 11:58

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 AI23300 - VOAs in Water GCMS											
Matrix Spike (AI23300-MS1)		**Source: 22I0040-01**			Prepared: 09/06/22 Analyzed: 09/07/22						**QM-05**
Acetone	68.7	0.70	5.0	ug/L	80.0	ND	85.9	32-164			
Acetonitrile	2780	20	100	ug/L	2000	ND	139	70-130			
Acrylonitrile	20.7	0.10	5.0	ug/L	20.0	ND	103	70-130			
Allyl chloride	16.7	0.10	10	ug/L	20.0	ND	83.6	70-130			
Benzene	20.0	0.060	0.30	ug/L	20.0	ND	100	58-139			
Bromobenzene	27.9	0.070	0.50	ug/L	20.0	ND	139	63-143			
Bromochloromethane	20.4	0.10	0.50	ug/L	20.0	ND	102	60-141			
Bromodichloromethane	19.2	0.080	0.50	ug/L	20.0	ND	96.1	62-140			
Bromoform	22.8	0.30	0.50	ug/L	20.0	ND	114	47-165			
Bromomethane	17.9	0.40	0.50	ug/L	20.0	ND	89.7	30-163			
n-Butylbenzene	22.6	0.40	0.50	ug/L	20.0	ND	113	57-147			
sec-Butylbenzene	25.6	0.40	0.50	ug/L	20.0	ND	128	64-155			
tert-Butylbenzene	26.8	0.30	0.50	ug/L	20.0	ND	134	57-150			
Carbon disulfide	17.5	0.10	5.0	ug/L	20.0	ND	87.6	70-130			
Carbon tetrachloride	21.2	0.10	0.50	ug/L	20.0	ND	106	65-153			
Chlorobenzene	24.0	0.050	0.50	ug/L	20.0	ND	120	58-137			
Chloroethane	16.6	0.10	0.50	ug/L	20.0	ND	83.0	59-141			
2-Chloroethylvinyl ether	44.6	0.30	1.0	ug/L	40.0	ND	111	73-107			
Chloroform	20.0	0.060	0.50	ug/L	20.0	ND	99.8	36-151			
Chloromethane	22.3	0.40	0.50	ug/L	20.0	ND	111	69-149			
Chloroprene	17.8	0.10	1.0	ug/L	20.0	ND	89.0	70-130			
2-Chlorotoluene	27.3	0.10	0.50	ug/L	20.0	ND	136	54-150			
4-Chlorotoluene	25.0	0.10	0.50	ug/L	20.0	ND	125	59-140			
Dibromochloromethane	22.7	0.10	0.50	ug/L	20.0	ND	114	54-157			
1,2-Dibromo-3-chloropropane	21.5	0.60	2.0	ug/L	20.0	ND	107	54-137			
1,2-Dibromoethane (EDB)	23.7	0.10	0.50	ug/L	20.0	ND	118	40-147			
Dibromomethane	18.9	0.10	0.50	ug/L	20.0	ND	94.6	59-139			
1,2-Dichlorobenzene	21.3	0.060	0.50	ug/L	20.0	ND	106	39-145			
1,3-Dichlorobenzene	27.2	0.080	0.50	ug/L	20.0	ND	136	54-137			
1,4-Dichlorobenzene	22.6	0.050	0.50	ug/L	20.0	ND	113	41-142			
trans-1,4-Dichloro-2-butene	24.9	0.20	5.0	ug/L	20.0	ND	125	70-130			
Dichlorodifluoromethane	17.1	0.40	0.50	ug/L	20.0	ND	85.6	39-162			
1,1-Dichloroethane	20.0	0.080	0.50	ug/L	20.0	ND	99.8	39-146			
1,2-Dichloroethane	22.7	0.40	0.50	ug/L	20.0	ND	114	58-133			
1,1-Dichloroethene	17.3	0.10	0.50	ug/L	20.0	ND	86.4	70-154			
cis-1,2-Dichloroethene	19.9	0.10	0.50	ug/L	20.0	ND	99.4	66-141			

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Sample Traps, LLC	Project Manager: Quality Control Manager	
262 Rickenbacker Circle	Project: QC- 40ml Amber VOA- HCl	Reported:
Livermore CA, 94551	Project Number: Silicone Batch Number 2021101003	09/21/22 11:58

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 AI23300 - VOAs in Water GCMS											
Matrix Spike (AI23300-MS1)		**Source: 22I0040-01**			Prepared: 09/06/22 Analyzed: 09/07/22						**QM-05**
trans-1,2-Dichloroethene	20.2	0.10	0.50	ug/L	20.0	ND	101	59-151			
1,2-Dichloropropane	19.0	0.40	0.50	ug/L	20.0	ND	94.9	41-142			
1,3-Dichloropropane	22.7	0.050	0.50	ug/L	20.0	ND	114	62-139			
2,2-Dichloropropane	19.2	0.20	0.50	ug/L	20.0	ND	96.2	40-167			
1,1-Dichloropropene	21.8	0.10	0.50	ug/L	20.0	ND	109	58-148			
cis-1,3-Dichloropropene	20.6	0.40	0.50	ug/L	20.0	ND	103	50-140			
trans-1,3-Dichloropropene	24.6	0.40	0.50	ug/L	20.0	ND	123	40-144			
Diethyl ether	21.6	0.20	1.0	ug/L	20.0	ND	108	70-130			
Di-isopropyl ether	21.2	0.40	0.50	ug/L	20.0	ND	106	49-143			
Ethylbenzene	25.5	0.10	0.50	ug/L	20.0	ND	128	59-147			
Ethanol	1090	20	50	ug/L	980	ND	112	50-150			
Ethyl methacrylate	20.9	0.20	10	ug/L	20.0	ND	104	70-130			
Ethyl acetate	21.9	0.30	2.0	ug/L	20.0	ND	110	70-150			
Hexachlorobutadiene	21.3	0.10	0.50	ug/L	20.0	ND	107	56-149			
Ethyl tert-butyl ether	23.2	0.40	0.50	ug/L	20.0	ND	116	44-143			
Hexachloroethane	23.1	0.40	1.0	ug/L	20.0	ND	115	70-130			
2-Hexanone	25.6	0.20	5.0	ug/L	20.0	ND	128	70-130			
Isobutanol	2920	40	100	ug/L	2000	ND	146	70-130			
Isopropylbenzene	25.8	0.40	0.50	ug/L	20.0	ND	129	56-134			
p-Isopropyltoluene	26.4	0.40	0.50	ug/L	20.0	ND	132	54-148			
Methylene chloride	21.0	0.20	0.50	ug/L	20.0	ND	105	43-143			
Methacrylonitrile	21.6	0.40	1.0	ug/L	20.0	ND	108	70-130			
Methyl ethyl ketone	45.0	0.70	1.0	ug/L	40.0	ND	112	62-126			
Methyl iodide	24.0	0.10	2.0	ug/L	20.0	ND	120	70-130			
Methyl isobutyl ketone	42.7	0.60	1.0	ug/L	40.0	ND	107	66-127			
Methyl methacrylate	28.7	0.40	1.0	ug/L	20.0	ND	144	70-130			
Propionitrile	ND	3.0	50	ug/L	1000	ND		70-130			U
Methyl tert-butyl ether	19.5	0.50	0.50	ug/L	20.0	ND	97.3	55-144			
Naphthalene	21.2	0.50	0.50	ug/L	20.0	ND	106	52-157			
n-Propylbenzene	28.0	0.40	0.50	ug/L	20.0	ND	140	55-145			
Styrene	25.2	0.10	0.50	ug/L	20.0	ND	126	51-157			
Tert-amyl methyl ether	18.6	0.40	0.50	ug/L	20.0	ND	93.1	41-136			
Tert-butyl alcohol	496	6.0	10	ug/L	400	ND	124	38-175			
1,1,1,2-Tetrachloroethane	24.5	0.10	0.50	ug/L	20.0	ND	122	58-146			
1,1,2,2-Tetrachloroethane	21.5	0.080	0.50	ug/L	20.0	ND	107	73-127			
Tetrachloroethene	24.2	0.10	0.50	ug/L	20.0	ND	121	49-148			

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Sample Traps, LLC	Project Manager: Quality Control Manager	
262 Rickenbacker Circle	Project: QC- 40ml Amber VOA- HCl	Reported:
Livermore CA, 94551	Project Number: Silicone Batch Number 2021101003	09/21/22 11:58

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 AI23300 - VOAs in Water GCMS											
Matrix Spike (AI23300-MS1)		**Source: 22I0040-01**			Prepared: 09/06/22 Analyzed: 09/07/22						**QM-05**
Tetrahydrofuran	22.5	0.10	5.0	ug/L	20.0	ND	112	70-130			
Toluene	24.2	0.10	0.30	ug/L	20.0	ND	121	59-147			
1,2,4-Trichlorobenzene	22.6	0.20	0.50	ug/L	20.0	ND	113	50-150			
1,2,3-Trichlorobenzene	21.7	0.20	0.50	ug/L	20.0	ND	108	50-161			
1,1,1-Trichloroethane	22.9	0.10	0.50	ug/L	20.0	ND	115	38-164			
1,1,2-Trichloroethane	22.3	0.080	0.50	ug/L	20.0	ND	111	46-136			
Trichloroethene	24.1	0.40	0.50	ug/L	20.0	ND	120	58-140			
Trichlorofluoromethane	19.0	0.20	0.50	ug/L	20.0	ND	94.8	56-144			
1,2,3-Trichloropropane	21.8	0.10	0.50	ug/L	20.0	ND	109	61-139			
Trichlorotrifluoroethane	17.6	0.20	0.50	ug/L	20.0	ND	88.0	59-139			
1,2,4-Trimethylbenzene	26.4	0.40	0.50	ug/L	20.0	ND	132	58-152			
1,3,5-Trimethylbenzene	25.5	0.30	0.50	ug/L	20.0	ND	128	58-148			
Vinyl acetate	40.8	0.20	1.0	ug/L	40.0	ND	102	70-130			
Vinyl chloride	37.4	0.40	0.50	ug/L	20.0	ND	187	53-160			
m,p-Xylene	51.5	0.20	0.50	ug/L	40.0	ND	129	53-147			
o-Xylene	24.8	0.10	0.50	ug/L	20.0	ND	124	55-148			
Xylenes (total)	76.3	0.50	0.50	ug/L	60.0	ND	127	49-153			
Surrogate: Bromofluorobenzene	*30.2*			*ug/L*	*25.0*		*121*	*70-130*			
Surrogate: Dibromofluoromethane	*25.5*			*ug/L*	*25.0*		*102*	*70-130*			
Surrogate: Toluene-d8	*29.5*			*ug/L*	*25.0*		*118*	*70-130*			
Matrix Spike Dup (AI23300-MSD1)		**Source: 22I0040-01**			Prepared: 09/06/22 Analyzed: 09/07/22						**QM-05**
Acetone	41.8	0.70	5.0	ug/L	80.0	ND	52.2	32-164	48.8	25	
Acetonitrile	1150	20	100	ug/L	2000	ND	57.4	70-130	83.3	25	
Allyl chloride	19.8	0.10	10	ug/L	20.0	ND	99.2	70-130	17.2	25	
Acrylonitrile	15.0	0.10	5.0	ug/L	20.0	ND	75.0	70-130	31.9	25	
Benzene	19.8	0.060	0.30	ug/L	20.0	ND	98.8	58-139	1.16	25	
Bromobenzene	25.6	0.070	0.50	ug/L	20.0	ND	128	63-143	8.65	25	
Bromochloromethane	20.1	0.10	0.50	ug/L	20.0	ND	100	60-141	1.48	25	
Bromodichloromethane	19.4	0.080	0.50	ug/L	20.0	ND	97.0	62-140	0.932	25	
Bromoform	19.9	0.30	0.50	ug/L	20.0	ND	99.5	47-165	13.6	25	
Bromomethane	26.2	0.40	0.50	ug/L	20.0	ND	131	30-163	37.5	25	
n-Butylbenzene	23.0	0.40	0.50	ug/L	20.0	ND	115	57-147	1.84	25	
sec-Butylbenzene	28.2	0.40	0.50	ug/L	20.0	ND	141	64-155	9.51	25	
tert-Butylbenzene	29.3	0.30	0.50	ug/L	20.0	ND	146	57-150	8.99	25	
Carbon disulfide	17.3	0.10	5.0	ug/L	20.0	ND	86.4	70-130	1.44	30	
Carbon tetrachloride	20.8	0.10	0.50	ug/L	20.0	ND	104	65-153	1.91	25	

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Sample Traps, LLC	Project Manager: Quality Control Manager	
262 Rickenbacker Circle	Project: QC- 40ml Amber VOA- HCl	Reported:
Livermore CA, 94551	Project Number: Silicone Batch Number 2021101003	09/21/22 11:58

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 AI23300 - VOAs in Water GCMS											
Matrix Spike Dup (AI23300-MSD1)		**Source: 22I0040-01**			Prepared: 09/06/22 Analyzed: 09/07/22						**QM-05**
Chlorobenzene	23.8	0.050	0.50	ug/L	20.0	ND	119	58-137	0.586	25	
Chloroethane	22.8	0.10	0.50	ug/L	20.0	ND	114	59-141	31.5	25	
2-Chloroethylvinyl ether	44.2	0.30	1.0	ug/L	40.0	ND	110	73-107	0.924	30	
Chloroform	19.6	0.060	0.50	ug/L	20.0	ND	97.8	36-151	2.02	25	
Chloromethane	23.6	0.40	0.50	ug/L	20.0	ND	118	69-149	5.62	25	
Chloroprene	18.0	0.10	1.0	ug/L	20.0	ND	90.2	70-130	1.34	25	
2-Chlorotoluene	27.0	0.10	0.50	ug/L	20.0	ND	135	54-150	1.03	25	
4-Chlorotoluene	25.2	0.10	0.50	ug/L	20.0	ND	126	59-140	0.796	25	
Dibromochloromethane	23.3	0.10	0.50	ug/L	20.0	ND	116	54-157	2.56	25	
1,2-Dibromo-3-chloropropane	21.0	0.60	2.0	ug/L	20.0	ND	105	54-137	2.40	25	
1,2-Dibromoethane (EDB)	23.2	0.10	0.50	ug/L	20.0	ND	116	40-147	2.01	25	
Dibromomethane	18.5	0.10	0.50	ug/L	20.0	ND	92.4	59-139	2.30	25	
1,2-Dichlorobenzene	23.9	0.060	0.50	ug/L	20.0	ND	120	39-145	11.8	25	
1,3-Dichlorobenzene	29.0	0.080	0.50	ug/L	20.0	ND	145	54-137	6.62	25	
1,4-Dichlorobenzene	22.4	0.050	0.50	ug/L	20.0	ND	112	41-142	1.16	25	
trans-1,4-Dichloro-2-butene	26.8	0.20	5.0	ug/L	20.0	ND	134	70-130	7.23	25	
Dichlorodifluoromethane	23.5	0.40	0.50	ug/L	20.0	ND	117	39-162	31.3	25	
1,1-Dichloroethane	19.3	0.080	0.50	ug/L	20.0	ND	96.4	39-146	3.47	25	
1,2-Dichloroethane	21.8	0.40	0.50	ug/L	20.0	ND	109	58-133	4.13	25	
1,1-Dichloroethene	16.0	0.10	0.50	ug/L	20.0	ND	80.2	70-154	7.38	25	
cis-1,2-Dichloroethene	19.9	0.10	0.50	ug/L	20.0	ND	99.4	66-141	0.0503	25	
trans-1,2-Dichloroethene	19.2	0.10	0.50	ug/L	20.0	ND	95.8	59-151	5.18	25	
1,2-Dichloropropane	18.4	0.40	0.50	ug/L	20.0	ND	91.8	41-142	3.32	25	
1,3-Dichloropropane	21.7	0.050	0.50	ug/L	20.0	ND	108	62-139	4.59	25	
2,2-Dichloropropane	21.7	0.20	0.50	ug/L	20.0	ND	108	40-167	12.1	25	
1,1-Dichloropropene	21.1	0.10	0.50	ug/L	20.0	ND	106	58-148	3.35	25	
cis-1,3-Dichloropropene	21.0	0.40	0.50	ug/L	20.0	ND	105	50-140	1.88	25	
trans-1,3-Dichloropropene	25.2	0.40	0.50	ug/L	20.0	ND	126	40-144	2.17	25	
Diethyl ether	15.2	0.20	1.0	ug/L	20.0	ND	76.0	70-130	34.6	25	
Di-isopropyl ether	21.0	0.40	0.50	ug/L	20.0	ND	105	49-143	1.04	25	
Ethanol	850	20	50	ug/L	980	ND	86.7	50-150	25.1	25	
Ethyl methacrylate	20.9	0.20	10	ug/L	20.0	ND	104	70-130	0.144	25	
Ethylbenzene	24.9	0.10	0.50	ug/L	20.0	ND	124	59-147	2.42	25	
Ethyl acetate	18.2	0.30	2.0	ug/L	20.0	ND	91.1	70-150	18.3	25	
Ethyl tert-butyl ether	23.0	0.40	0.50	ug/L	20.0	ND	115	44-143	0.823	25	
Hexachlorobutadiene	22.4	0.10	0.50	ug/L	20.0	ND	112	56-149	4.98	25	

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Sample Traps, LLC	Project Manager: Quality Control Manager	
262 Rickenbacker Circle	Project: QC- 40ml Amber VOA- HCl	Reported:
Livermore CA, 94551	Project Number: Silicone Batch Number 2021101003	09/21/22 11:58

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 AI23300 - VOAs in Water GCMS											
Matrix Spike Dup (AI23300-MSD1)		**Source: 22I0040-01**			Prepared: 09/06/22 Analyzed: 09/07/22						**QM-05**
Hexachloroethane	26.3	0.40	1.0	ug/L	20.0	ND	131	70-130	13.0	25	
2-Hexanone	24.6	0.20	5.0	ug/L	20.0	ND	123	70-130	3.66	30	
Isopropylbenzene	26.6	0.40	0.50	ug/L	20.0	ND	133	56-134	3.05	25	
Isobutanol	2030	40	100	ug/L	2000	ND	102	70-130	35.9	25	
p-Isopropyltoluene	29.6	0.40	0.50	ug/L	20.0	ND	148	54-148	11.4	25	
Methacrylonitrile	19.5	0.40	1.0	ug/L	20.0	ND	97.7	70-130	10.1	25	
Methylene chloride	20.4	0.20	0.50	ug/L	20.0	ND	102	43-143	2.90	25	
Methyl ethyl ketone	36.1	0.70	1.0	ug/L	40.0	ND	90.4	62-126	21.8	25	
Methyl iodide	22.6	0.10	2.0	ug/L	20.0	ND	113	70-130	5.66	30	
Methyl isobutyl ketone	40.0	0.60	1.0	ug/L	40.0	ND	100	66-127	6.50	25	
Methyl methacrylate	26.9	0.40	1.0	ug/L	20.0	ND	135	70-130	6.54	25	
Naphthalene	21.4	0.50	0.50	ug/L	20.0	ND	107	52-157	0.705	25	
Propionitrile	715	3.0	50	ug/L	1000	ND	71.5	70-130	200	25	
Methyl tert-butyl ether	19.9	0.50	0.50	ug/L	20.0	ND	99.4	55-144	2.19	25	
n-Propylbenzene	27.8	0.40	0.50	ug/L	20.0	ND	139	55-145	0.609	25	
Styrene	25.7	0.10	0.50	ug/L	20.0	ND	129	51-157	2.04	25	
Tert-amyl methyl ether	19.3	0.40	0.50	ug/L	20.0	ND	96.6	41-136	3.74	25	
Tert-butyl alcohol	286	6.0	10	ug/L	400	ND	71.6	38-175	53.6	25	
1,1,1,2-Tetrachloroethane	25.8	0.10	0.50	ug/L	20.0	ND	129	58-146	5.29	25	
1,1,2,2-Tetrachloroethane	22.4	0.080	0.50	ug/L	20.0	ND	112	73-127	4.46	25	
Tetrachloroethene	24.2	0.10	0.50	ug/L	20.0	ND	121	49-148	0.00	25	
Tetrahydrofuran	24.1	0.10	5.0	ug/L	20.0	ND	120	70-130	6.92	25	
Toluene	23.9	0.10	0.30	ug/L	20.0	ND	119	59-147	1.41	25	
1,2,4-Trichlorobenzene	23.4	0.20	0.50	ug/L	20.0	ND	117	50-150	3.43	25	
1,2,3-Trichlorobenzene	22.4	0.20	0.50	ug/L	20.0	ND	112	50-161	3.45	25	
1,1,1-Trichloroethane	22.4	0.10	0.50	ug/L	20.0	ND	112	38-164	2.16	25	
1,1,2-Trichloroethane	22.6	0.080	0.50	ug/L	20.0	ND	113	46-136	1.34	25	
Trichloroethene	23.3	0.40	0.50	ug/L	20.0	ND	116	58-140	3.34	25	
Trichlorofluoromethane	22.2	0.20	0.50	ug/L	20.0	ND	111	56-144	15.5	25	
1,2,3-Trichloropropane	22.0	0.10	0.50	ug/L	20.0	ND	110	61-139	1.09	25	
Trichlorotrifluoroethane	17.3	0.20	0.50	ug/L	20.0	ND	86.6	59-139	1.60	25	
1,2,4-Trimethylbenzene	28.7	0.40	0.50	ug/L	20.0	ND	144	58-152	8.42	25	
1,3,5-Trimethylbenzene	27.5	0.30	0.50	ug/L	20.0	ND	137	58-148	7.47	25	
Vinyl acetate	43.1	0.20	1.0	ug/L	40.0	ND	108	70-130	5.31	25	
Vinyl chloride	29.6	0.40	0.50	ug/L	20.0	ND	148	53-160	23.1	25	
m,p-Xylene	51.0	0.20	0.50	ug/L	40.0	ND	127	53-147	0.937	25	

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Sample Traps, LLC	Project Manager: Quality Control Manager	
262 Rickenbacker Circle	Project: QC- 40ml Amber VOA- HCl	Reported:
Livermore CA, 94551	Project Number: Silicone Batch Number 2021101003	09/21/22 11:58

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 AI23300 - VOAs in Water GCMS											
Matrix Spike Dup (AI23300-MSD1)		**Source: 22I0040-01**			Prepared: 09/06/22 Analyzed: 09/07/22						**QM-05**
o-Xylene	24.9	0.10	0.50	ug/L	20.0	ND	125	55-148	0.402	25	
Xylenes (total)	75.9	0.50	0.50	ug/L	60.0	ND	127	49-153	0.499	25	
Surrogate: Bromofluorobenzene	*30.5*			*ug/L*	*25.0*		*122*	*70-130*			
Surrogate: Dibromofluoromethane	*25.3*			*ug/L*	*25.0*		*101*	*70-130*			
Surrogate: Toluene-d8	*29.9*			*ug/L*	*25.0*		*120*	*70-130*			

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Sample Traps, LLC	Project Manager:	Quality Control Manager	
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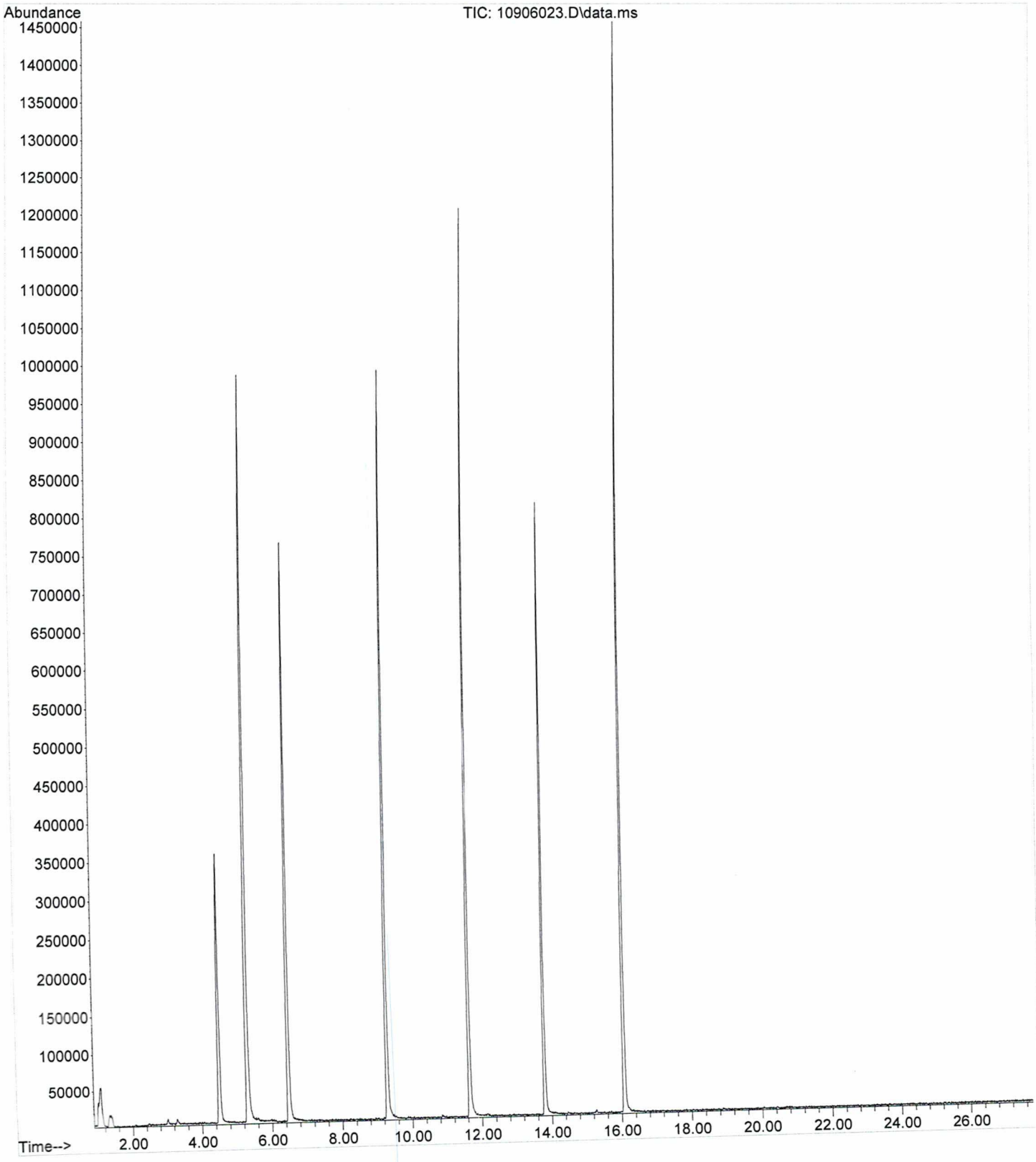
Livermore CA, 94551	Project Number:	Silicone Batch Number 2021101003	09/21/22 11:58

Notes and Definitions

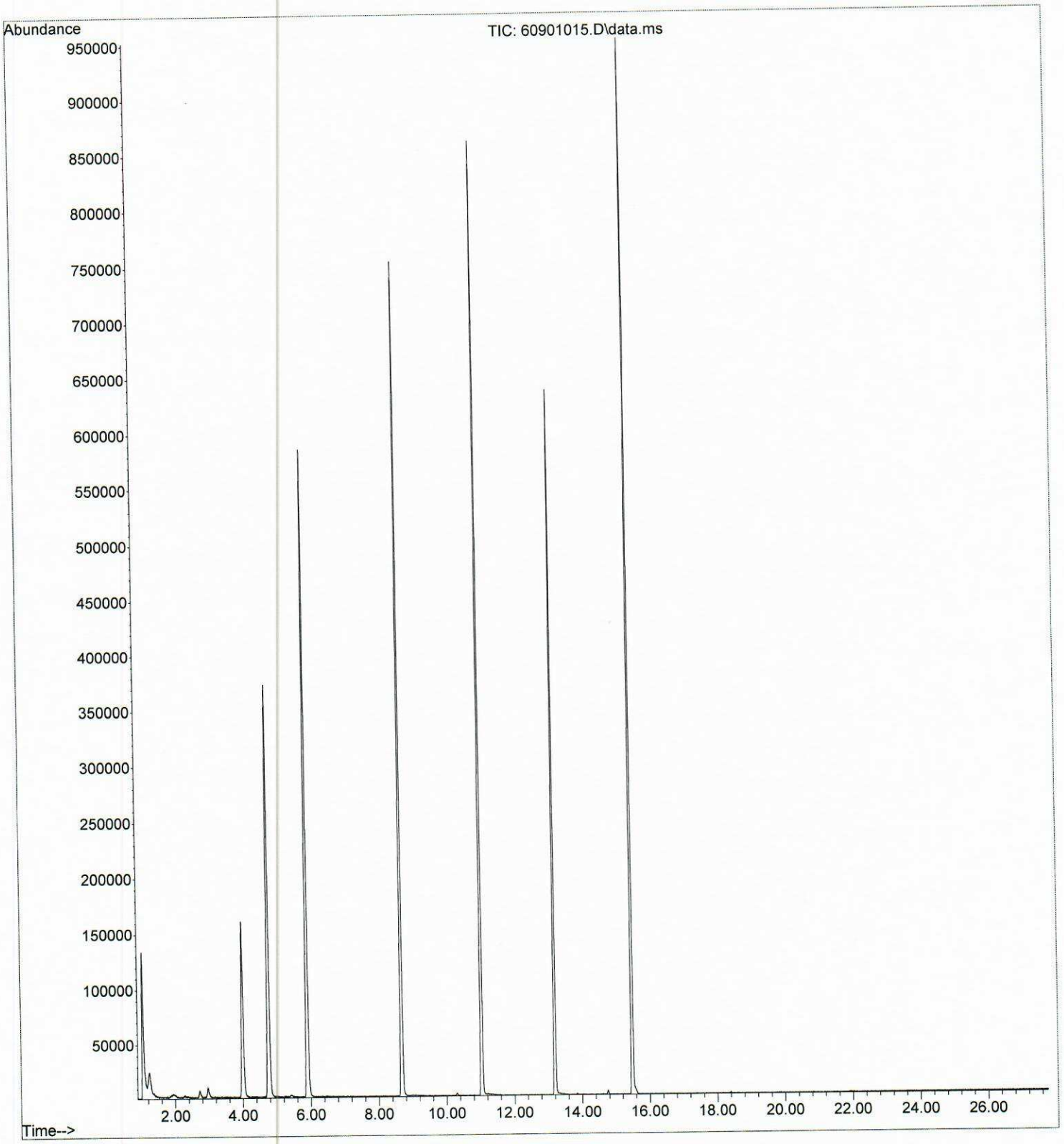
QL-03	Although the LCS/LCSD recovery for this analyte is outside of in-house developed control limits, it is within the EPA recommended range of 70-130%.
QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data is acceptable.
S-GC	Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the remaining surrogates.
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

Non-accredited analytes are reported only when ELAP accreditation for a requested analyte method pair is not available. For a list of accredited analytes, view our certificates at the Company link on our website at www.alpha-labs.com or contact your Project Manager directly.

File :D:\Data\090622\10906023.D
Operator : JV
Acquired : 7 Sep 2022 9:43 am using AcqMethod MS1INS.M
Instrument : GCMS1
Sample Name: 22H3352-01
Misc Info :
Vial Number: 23



File :D:\MassHunter\GCMS\1\data\2022\090122\60901015.D
Operator : JV
Acquired : 01 Sep 2022 04:53 pm using AcqMethod MS6INS.M
Instrument : GCMS6
Sample Name: 22H3352-02
Misc Info :
Vial Number: 15



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925-828-6226 Fax: 925-828-6309

Chain of Custody Record

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

Lab No. 2243352 Page_____ of_____

Report to:	Invoice to (if different):	Project Info for Report:
Company: Sample Traps LLC	Company:	Project ID: QC- 40ml Amber VOA Vial (HCL)
Attn: Quality Control Manager	Attn:	
Address:	Address:	Project No: Silicone Batch Number 2021101003
Phone/Fax:	Phone/Fax:	PO/Reference :
Email Address: admin@sampletraps.com	Email Address:	

Signature below authorizes work under terms stated on reverse side.

Samplers Signature:

Print:

Sample Identification	Sampled: Date	Sampled: Time	Container: 40ml VOA	Container: Poly	Container: Glass bottle	Container: Glass Jar	Container:	Preservative: HCL	Preservative: Methanol	Preservative: Na Bisulfate	Preservative: Other	Preservative: None	Matrix: Water	Matrix: Container	: Total Number of Containers	Analyses Requested: 8260 Sample Traps	Analyses Requested: 524.2 Sample Traps	Analyses Requested: j-flags	Analyses Requested: include chromatograph with report	Sample Notes or CDPH Source Numbers:
A2234CVBS - 01			x					x						x	2	x		x	x	
A2234CVBS - 02			x					x						x	2		x			
			please use Ukiah reagent water for the analysis																	

TAT: 10 days ◯ RUSH: 5 days ◯ 48 hours ◯ Other: ____days ◯

Lab Approval Required For Rush TATs

Sample Notes (lab use only)

Temperature: ____ deg. C

Shipment Method:

Custody Seals: Y / N

Relinquished by:	Received by:	Date:	Time:
Per BAL		8-25-22	0800

CDPH Write On EDT Transmission? ◯ Yes ◯ No

State System Number: _____

If "Y" please enter the Source Number(s) in the column above

CA Geotracker EDF Report? ◯ Yes ◯ No

Global ID: Sampling Company Log Code:

EDF to (Email Address):

Travel and Site Time:	Mileage:	Misc. Supplies: