



*alpha*

Alpha Analytical Laboratories, Inc.

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

08 May 2020

Sample Traps, LLC

Attn: Quality Control Manager

262 Rickenbacker Circle

Livermore, CA 94551

RE: QC- 40ml Clear VOA- HCl

Work Order: 20D2661

Enclosed are the results of analyses for samples received by the laboratory on 04/23/20 08:00. 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](mailto: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 AA017

Reported:  
05/08/20 16:57

Bay Area: 262 Rickenbacker Circle | Livermore, CA 94551 | T: 925-828-6226 | F: 925-828-6309 | ELAP# 2728  
Central Valley: 9090 Union Park Way Suite 113 | Elk Grove, CA 95624 | T: 916-686-5190 | F: 916-686-5192 | ELAP# 2922  
North Bay: 110 Liberty Street | Petaluma, CA 94952 | T: 707-769-3128 | F: 707-769-8093 | ELAP# 2303  
San Diego: 2722 Loker Avenue West Suite A | Carlsbad, CA 92010 | T: 760-930-2555 | F: 760-930-2510 | ELAP# 3055

#### ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
B0055CVBS - 01	20D2661-01	Water	04/23/20 00:00	04/23/20 08:00
B0055CVBS - 02	20D2661-02	Water	04/23/20 00:00	04/23/20 08:00



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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 AA017

Reported:  
 05/08/20 16:57

### Volatile Organic Compounds by EPA Method 524.2

Analyte	Result	MDL	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Analyst	ELAP#	Notes
			Limit										
<b>B0055CVBS - 02 (20D2661-02) Water Sampled: 04/23/20 00:00 Received: 04/23/20 08:00</b>													
Acetone	ND	2.0	5.0		ug/L	1	AD04826	04/30/20 10:17	04/30/20 16:00	EPA 524.2	SFS	1551	U
Acrylonitrile	ND	0.40	5.0		ug/L	1	AD04826	04/30/20 10:17	04/30/20 16:00	EPA 524.2	SFS	1551	U
Benzene	ND	0.10	0.30		ug/L	1	AD04826	04/30/20 10:17	04/30/20 16:00	EPA 524.2	SFS	1551	U
Bromobenzene	ND	0.20	0.50		ug/L	1	AD04826	04/30/20 10:17	04/30/20 16:00	EPA 524.2	SFS	1551	U
Bromochloromethane	ND	0.40	0.50		ug/L	1	AD04826	04/30/20 10:17	04/30/20 16:00	EPA 524.2	SFS	1551	U
Bromodichloromethane	ND	0.20	0.50		ug/L	1	AD04826	04/30/20 10:17	04/30/20 16:00	EPA 524.2	SFS	1551	U
Bromoform	ND	0.30	0.50		ug/L	1	AD04826	04/30/20 10:17	04/30/20 16:00	EPA 524.2	SFS	1551	U
Bromomethane	ND	0.40	0.50		ug/L	1	AD04826	04/30/20 10:17	04/30/20 16:00	EPA 524.2	SFS	1551	U
n-Butylbenzene	ND	0.50	0.50		ug/L	1	AD04826	04/30/20 10:17	04/30/20 16:00	EPA 524.2	SFS	1551	U
sec-Butylbenzene	ND	0.20	0.50		ug/L	1	AD04826	04/30/20 10:17	04/30/20 16:00	EPA 524.2	SFS	1551	U
tert-Butylbenzene	ND	0.50	0.50		ug/L	1	AD04826	04/30/20 10:17	04/30/20 16:00	EPA 524.2	SFS	1551	U
Carbon disulfide	ND	0.40	0.50		ug/L	1	AD04826	04/30/20 10:17	04/30/20 16:00	EPA 524.2	SFS	1551	U
Carbon tetrachloride	ND	0.30	0.50		ug/L	1	AD04826	04/30/20 10:17	04/30/20 16:00	EPA 524.2	SFS	1551	U
Chlorobenzene	ND	0.20	0.50		ug/L	1	AD04826	04/30/20 10:17	04/30/20 16:00	EPA 524.2	SFS	1551	U
Chloroethane	ND	0.30	0.50		ug/L	1	AD04826	04/30/20 10:17	04/30/20 16:00	EPA 524.2	SFS	1551	U
Chloroform	ND	0.30	0.50		ug/L	1	AD04826	04/30/20 10:17	04/30/20 16:00	EPA 524.2	SFS	1551	U
Chloromethane	ND	0.40	0.50		ug/L	1	AD04826	04/30/20 10:17	04/30/20 16:00	EPA 524.2	SFS	1551	U
2-Chlorotoluene	ND	0.20	0.50		ug/L	1	AD04826	04/30/20 10:17	04/30/20 16:00	EPA 524.2	SFS	1551	U
4-Chlorotoluene	ND	0.20	0.50		ug/L	1	AD04826	04/30/20 10:17	04/30/20 16:00	EPA 524.2	SFS	1551	U
Dibromochloromethane	ND	0.30	0.50		ug/L	1	AD04826	04/30/20 10:17	04/30/20 16:00	EPA 524.2	SFS	1551	U
1,2-Dibromo-3-chloropropane	ND	0.50	0.50		ug/L	1	AD04826	04/30/20 10:17	04/30/20 16:00	EPA 524.2	SFS	1551	U
1,2-Dibromoethane (EDB)	ND	0.20	0.50		ug/L	1	AD04826	04/30/20 10:17	04/30/20 16:00	EPA 524.2	SFS	1551	U
Dibromomethane	ND	0.20	0.50		ug/L	1	AD04826	04/30/20 10:17	04/30/20 16:00	EPA 524.2	SFS	1551	U
1,2-Dichlorobenzene	ND	0.20	0.50		ug/L	1	AD04826	04/30/20 10:17	04/30/20 16:00	EPA 524.2	SFS	1551	U
1,3-Dichlorobenzene	ND	0.20	0.50		ug/L	1	AD04826	04/30/20 10:17	04/30/20 16:00	EPA 524.2	SFS	1551	U
1,4-Dichlorobenzene	ND	0.20	0.50		ug/L	1	AD04826	04/30/20 10:17	04/30/20 16:00	EPA 524.2	SFS	1551	U
trans-1,4-Dichloro-2-butene	ND	0.90	5.0		ug/L	1	AD04826	04/30/20 10:17	04/30/20 16:00	EPA 524.2	SFS	1551	U
Dichlorodifluoromethane	ND	0.50	0.50		ug/L	1	AD04826	04/30/20 10:17	04/30/20 16:00	EPA 524.2	SFS	1551	U
1,1-Dichloroethane	ND	0.20	0.50		ug/L	1	AD04826	04/30/20 10:17	04/30/20 16:00	EPA 524.2	SFS	1551	U
1,2-Dichloroethane	ND	0.10	0.50		ug/L	1	AD04826	04/30/20 10:17	04/30/20 16:00	EPA 524.2	SFS	1551	U
1,1-Dichloroethene	ND	0.30	0.30		ug/L	1	AD04826	04/30/20 10:17	04/30/20 16:00	EPA 524.2	SFS	1551	U
cis-1,2-Dichloroethene	ND	0.10	0.50		ug/L	1	AD04826	04/30/20 10:17	04/30/20 16:00	EPA 524.2	SFS	1551	U
trans-1,2-Dichloroethene	ND	0.10	0.50		ug/L	1	AD04826	04/30/20 10:17	04/30/20 16:00	EPA 524.2	SFS	1551	U
1,2-Dichloropropane	ND	0.20	0.50		ug/L	1	AD04826	04/30/20 10:17	04/30/20 16:00	EPA 524.2	SFS	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.



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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 AA017

Reported:  
 05/08/20 16:57

**Volatile Organic Compounds by EPA Method 524.2**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Analyst	ELAP#	Notes
<b>B0055CVBS - 02 (20D2661-02) Water Sampled: 04/23/20 00:00 Received: 04/23/20 08:00</b>												
1,3-Dichloropropane	ND	0.10	0.50	ug/L	1	AD04826	04/30/20 10:17	04/30/20 16:00	EPA 524.2	SFS	1551	U
2,2-Dichloropropane	ND	0.30	0.50	ug/L	1	AD04826	04/30/20 10:17	04/30/20 16:00	EPA 524.2	SFS	1551	U
1,1-Dichloropropene	ND	0.20	0.50	ug/L	1	AD04826	04/30/20 10:17	04/30/20 16:00	EPA 524.2	SFS	1551	U
cis-1,3-Dichloropropene	ND	0.30	0.50	ug/L	1	AD04826	04/30/20 10:17	04/30/20 16:00	EPA 524.2	SFS	1551	U
trans-1,3-Dichloropropene	ND	0.30	0.50	ug/L	1	AD04826	04/30/20 10:17	04/30/20 16:00	EPA 524.2	SFS	1551	U
1,3-Dichloropropene (total)	ND	0.30	0.50	ug/L	1	AD04826	04/30/20 10:17	04/30/20 16:00	EPA 524.2	SFS	1551	U
2-Hexanone	ND	0.50	5.0	ug/L	1	AD04826	04/30/20 10:17	04/30/20 16:00	EPA 524.2	SFS	1551	U
Ethylbenzene	ND	0.20	0.50	ug/L	1	AD04826	04/30/20 10:17	04/30/20 16:00	EPA 524.2	SFS	1551	U
Hexachlorobutadiene	ND	0.40	0.50	ug/L	1	AD04826	04/30/20 10:17	04/30/20 16:00	EPA 524.2	SFS	1551	U
Isopropylbenzene	ND	0.20	0.50	ug/L	1	AD04826	04/30/20 10:17	04/30/20 16:00	EPA 524.2	SFS	1551	U
p-Isopropyltoluene	ND	0.50	0.50	ug/L	1	AD04826	04/30/20 10:17	04/30/20 16:00	EPA 524.2	SFS	1551	U
Methyl ethyl ketone	ND	0.20	1.0	ug/L	1	AD04826	04/30/20 10:17	04/30/20 16:00	EPA 524.2	SFS	1551	U
Methyl iodide	ND	0.40	2.0	ug/L	1	AD04826	04/30/20 10:17	04/30/20 16:00	EPA 524.2	SFS	1551	U
Methyl isobutyl ketone	ND	0.30	1.0	ug/L	1	AD04826	04/30/20 10:17	04/30/20 16:00	EPA 524.2	SFS	1551	U
Methylene chloride	ND	0.40	0.50	ug/L	1	AD04826	04/30/20 10:17	04/30/20 16:00	EPA 524.2	SFS	1551	U
Naphthalene	ND	0.50	0.50	ug/L	1	AD04826	04/30/20 10:17	04/30/20 16:00	EPA 524.2	SFS	1551	U
n-Propylbenzene	ND	0.50	0.50	ug/L	1	AD04826	04/30/20 10:17	04/30/20 16:00	EPA 524.2	SFS	1551	U
Styrene	ND	0.20	0.50	ug/L	1	AD04826	04/30/20 10:17	04/30/20 16:00	EPA 524.2	SFS	1551	U
1,1,1,2-Tetrachloroethane	ND	0.40	0.50	ug/L	1	AD04826	04/30/20 10:17	04/30/20 16:00	EPA 524.2	SFS	1551	U
1,1,2,2-Tetrachloroethane	ND	0.20	0.50	ug/L	1	AD04826	04/30/20 10:17	04/30/20 16:00	EPA 524.2	SFS	1551	U
Tetrachloroethene	ND	0.20	0.50	ug/L	1	AD04826	04/30/20 10:17	04/30/20 16:00	EPA 524.2	SFS	1551	U
Toluene	ND	0.30	0.50	ug/L	1	AD04826	04/30/20 10:17	04/30/20 16:00	EPA 524.2	SFS	1551	U
1,2,3-Trichlorobenzene	ND	0.40	0.50	ug/L	1	AD04826	04/30/20 10:17	04/30/20 16:00	EPA 524.2	SFS	1551	U
1,2,4-Trichlorobenzene	ND	0.40	0.50	ug/L	1	AD04826	04/30/20 10:17	04/30/20 16:00	EPA 524.2	SFS	1551	U
1,1,1-Trichloroethane	ND	0.40	0.50	ug/L	1	AD04826	04/30/20 10:17	04/30/20 16:00	EPA 524.2	SFS	1551	U
1,1,2-Trichloroethane	ND	0.20	0.50	ug/L	1	AD04826	04/30/20 10:17	04/30/20 16:00	EPA 524.2	SFS	1551	U
Trichloroethene	ND	0.10	0.50	ug/L	1	AD04826	04/30/20 10:17	04/30/20 16:00	EPA 524.2	SFS	1551	U
Trichlorofluoromethane	ND	0.50	0.50	ug/L	1	AD04826	04/30/20 10:17	04/30/20 16:00	EPA 524.2	SFS	1551	U
Trichlorotrifluoroethane	ND	0.40	0.50	ug/L	1	AD04826	04/30/20 10:17	04/30/20 16:00	EPA 524.2	SFS	1551	U
1,2,3-Trichloropropane	ND	0.10	0.50	ug/L	1	AD04826	04/30/20 10:17	04/30/20 16:00	EPA 524.2	SFS	1551	U
1,2,4-Trimethylbenzene	ND	0.50	0.50	ug/L	1	AD04826	04/30/20 10:17	04/30/20 16:00	EPA 524.2	SFS	1551	U
1,3,5-Trimethylbenzene	ND	0.50	0.50	ug/L	1	AD04826	04/30/20 10:17	04/30/20 16:00	EPA 524.2	SFS	1551	U
Vinyl chloride	ND	0.50	0.50	ug/L	1	AD04826	04/30/20 10:17	04/30/20 16:00	EPA 524.2	SFS	1551	U
m,p-Xylene	ND	0.20	0.50	ug/L	1	AD04826	04/30/20 10:17	04/30/20 16:00	EPA 524.2	SFS	1551	U
o-Xylene	ND	0.20	0.50	ug/L	1	AD04826	04/30/20 10:17	04/30/20 16:00	EPA 524.2	SFS	1551	U
Xylenes (total)	ND	0.20	0.50	ug/L	1	AD04826	04/30/20 10:17	04/30/20 16:00	EPA 524.2	SFS	1551	U
Trihalomethanes (total)	ND	0.30	0.50	ug/L	1	AD04826	04/30/20 10:17	04/30/20 16:00	EPA 524.2	SFS	1551	U

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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 AA017

Reported:  
 05/08/20 16:57

**Volatile Organic Compounds by EPA Method 524.2**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Analyst	ELAP#	Notes
<b>B0055CVBS - 02 (20D2661-02) Water</b> <b>Sampled: 04/23/20 00:00</b> <b>Received: 04/23/20 08:00</b>												
Methyl tert-butyl ether	ND	0.50	3.0	ug/L	1	AD04826	04/30/20 10:17	04/30/20 16:00	EPA 524.2	SFS	1551	U
Ethyl tert-butyl ether	ND	0.40	0.50	ug/L	1	AD04826	04/30/20 10:17	04/30/20 16:00	EPA 524.2	SFS	1551	U
Tert-amyl methyl ether	ND	0.30	0.50	ug/L	1	AD04826	04/30/20 10:17	04/30/20 16:00	EPA 524.2	SFS	1551	U
<i>Surrogate: Bromofluorobenzene</i>		106 %	70-130			AD04826	04/30/20 10:17	04/30/20 16:00	EPA 524.2	SFS	1551	
<i>Surrogate: Dibromofluoromethane</i>		86.6 %	70-130			AD04826	04/30/20 10:17	04/30/20 16:00	EPA 524.2	SFS	1551	
<i>Surrogate: Toluene-d8</i>		105 %	70-130			AD04826	04/30/20 10:17	04/30/20 16:00	EPA 524.2	SFS	1551	



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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 AA017	Reported: 05/08/20 16:57
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**Volatile Organic Compounds by EPA Method 8260B**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Analyst	ELAP#	Notes
<b>B0055CVBS - 01 (20D2661-01) Water Sampled: 04/23/20 00:00 Received: 04/23/20 08:00</b>												
Acetone	ND	3.0	5.0	ug/L	1	AD04729	04/29/20 09:00	04/29/20 10:02	EPA 8260B	JV	1551	U
Acetonitrile	ND	50	100	ug/L	1	AD04729	04/29/20 09:00	04/29/20 10:02	EPA 8260B	JV	1551	U
Acrylonitrile	ND	0.40	5.0	ug/L	1	AD04729	04/29/20 09:00	04/29/20 10:02	EPA 8260B	JV	1551	U
Allyl chloride	ND	0.40	10	ug/L	1	AD04729	04/29/20 09:00	04/29/20 10:02	EPA 8260B	JV	1551	U
Benzene	ND	0.30	0.30	ug/L	1	AD04729	04/29/20 09:00	04/29/20 10:02	EPA 8260B	JV	1551	U
Bromobenzene	ND	0.40	0.50	ug/L	1	AD04729	04/29/20 09:00	04/29/20 10:02	EPA 8260B	JV	1551	U
Bromochloromethane	ND	0.40	0.50	ug/L	1	AD04729	04/29/20 09:00	04/29/20 10:02	EPA 8260B	JV	1551	U
Bromodichloromethane	ND	0.40	0.50	ug/L	1	AD04729	04/29/20 09:00	04/29/20 10:02	EPA 8260B	JV	1551	U
Bromoform	ND	0.30	0.50	ug/L	1	AD04729	04/29/20 09:00	04/29/20 10:02	EPA 8260B	JV	1551	U
Bromomethane	ND	0.40	0.50	ug/L	1	AD04729	04/29/20 09:00	04/29/20 10:02	EPA 8260B	JV	1551	U
n-Butylbenzene	ND	0.40	0.50	ug/L	1	AD04729	04/29/20 09:00	04/29/20 10:02	EPA 8260B	JV	1551	U
sec-Butylbenzene	ND	0.40	0.50	ug/L	1	AD04729	04/29/20 09:00	04/29/20 10:02	EPA 8260B	JV	1551	U
tert-Butylbenzene	ND	0.30	0.50	ug/L	1	AD04729	04/29/20 09:00	04/29/20 10:02	EPA 8260B	JV	1551	U
Carbon disulfide	ND	0.40	5.0	ug/L	1	AD04729	04/29/20 09:00	04/29/20 10:02	EPA 8260B	JV	1551	U
Carbon tetrachloride	ND	0.40	0.50	ug/L	1	AD04729	04/29/20 09:00	04/29/20 10:02	EPA 8260B	JV	1551	U
Chlorobenzene	ND	0.30	0.50	ug/L	1	AD04729	04/29/20 09:00	04/29/20 10:02	EPA 8260B	JV	1551	U
Chloroethane	ND	0.40	0.50	ug/L	1	AD04729	04/29/20 09:00	04/29/20 10:02	EPA 8260B	JV	1551	U
2-Chloroethylvinyl ether	ND	0.70	1.0	ug/L	1	AD04729	04/29/20 09:00	04/29/20 10:02	EPA 8260B	JV	1551	U
Chloroform	ND	0.40	0.50	ug/L	1	AD04729	04/29/20 09:00	04/29/20 10:02	EPA 8260B	JV	1551	U
Chloromethane	ND	0.40	0.50	ug/L	1	AD04729	04/29/20 09:00	04/29/20 10:02	EPA 8260B	JV	1551	U
Chloroprene	ND	0.40	1.0	ug/L	1	AD04729	04/29/20 09:00	04/29/20 10:02	EPA 8260B	JV	1551	U
2-Chlorotoluene	ND	0.40	0.50	ug/L	1	AD04729	04/29/20 09:00	04/29/20 10:02	EPA 8260B	JV	1551	U
4-Chlorotoluene	ND	0.30	0.50	ug/L	1	AD04729	04/29/20 09:00	04/29/20 10:02	EPA 8260B	JV	1551	U
Dibromochloromethane	ND	0.40	0.50	ug/L	1	AD04729	04/29/20 09:00	04/29/20 10:02	EPA 8260B	JV	1551	U
1,2-Dibromo-3-chloropropane	ND	0.60	2.0	ug/L	1	AD04729	04/29/20 09:00	04/29/20 10:02	EPA 8260B	JV	1551	U
1,2-Dibromoethane (EDB)	ND	0.40	0.50	ug/L	1	AD04729	04/29/20 09:00	04/29/20 10:02	EPA 8260B	JV	1551	U
Dibromomethane	ND	0.40	0.50	ug/L	1	AD04729	04/29/20 09:00	04/29/20 10:02	EPA 8260B	JV	1551	U
1,2-Dichlorobenzene	ND	0.40	0.50	ug/L	1	AD04729	04/29/20 09:00	04/29/20 10:02	EPA 8260B	JV	1551	U
1,3-Dichlorobenzene	ND	0.40	0.50	ug/L	1	AD04729	04/29/20 09:00	04/29/20 10:02	EPA 8260B	JV	1551	U
1,4-Dichlorobenzene	ND	0.10	0.50	ug/L	1	AD04729	04/29/20 09:00	04/29/20 10:02	EPA 8260B	JV	1551	U
trans-1,4-Dichloro-2-butene	ND	0.50	5.0	ug/L	1	AD04729	04/29/20 09:00	04/29/20 10:02	EPA 8260B	JV	1551	U
Dichlorodifluoromethane	ND	0.40	0.50	ug/L	1	AD04729	04/29/20 09:00	04/29/20 10:02	EPA 8260B	JV	1551	U
1,1-Dichloroethane	ND	0.30	0.50	ug/L	1	AD04729	04/29/20 09:00	04/29/20 10:02	EPA 8260B	JV	1551	U
1,2-Dichloroethane	ND	0.40	0.50	ug/L	1	AD04729	04/29/20 09:00	04/29/20 10:02	EPA 8260B	JV	1551	U
1,1-Dichloroethene	ND	0.30	0.50	ug/L	1	AD04729	04/29/20 09:00	04/29/20 10:02	EPA 8260B	JV	1551	U
cis-1,2-Dichloroethene	ND	0.40	0.50	ug/L	1	AD04729	04/29/20 09:00	04/29/20 10:02	EPA 8260B	JV	1551	U
trans-1,2-Dichloroethene	ND	0.40	0.50	ug/L	1	AD04729	04/29/20 09:00	04/29/20 10:02	EPA 8260B	JV	1551	U

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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 AA017	Reported: 05/08/20 16:57
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### Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Analyst	ELAP#	Notes
<b>B0055CVBS - 01 (20D2661-01) Water Sampled: 04/23/20 00:00 Received: 04/23/20 08:00</b>												
1,2-Dichloropropane	ND	0.40	0.50	ug/L	1	AD04729	04/29/20 09:00	04/29/20 10:02	EPA 8260B	JV	1551	U
1,3-Dichloropropane	ND	0.40	0.50	ug/L	1	AD04729	04/29/20 09:00	04/29/20 10:02	EPA 8260B	JV	1551	U
2,2-Dichloropropane	ND	0.50	0.50	ug/L	1	AD04729	04/29/20 09:00	04/29/20 10:02	EPA 8260B	JV	1551	U
1,1-Dichloropropene	ND	0.40	0.50	ug/L	1	AD04729	04/29/20 09:00	04/29/20 10:02	EPA 8260B	JV	1551	U
cis-1,3-Dichloropropene	ND	0.40	0.50	ug/L	1	AD04729	04/29/20 09:00	04/29/20 10:02	EPA 8260B	JV	1551	U
trans-1,3-Dichloropropene	ND	0.40	0.50	ug/L	1	AD04729	04/29/20 09:00	04/29/20 10:02	EPA 8260B	JV	1551	U
Diethyl ether	ND	0.20	1.0	ug/L	1	AD04729	04/29/20 09:00	04/29/20 10:02	EPA 8260B	JV	1551	U
Di-isopropyl ether	ND	0.40	0.50	ug/L	1	AD04729	04/29/20 09:00	04/29/20 10:02	EPA 8260B	JV	1551	U
Ethanol	ND	20	50	ug/L	1	AD04729	04/29/20 09:00	04/29/20 10:02	EPA 8260B	JV	1551	U
Ethyl methacrylate	ND	0.70	10	ug/L	1	AD04729	04/29/20 09:00	04/29/20 10:02	EPA 8260B	JV	1551	U
Ethylbenzene	ND	0.40	0.50	ug/L	1	AD04729	04/29/20 09:00	04/29/20 10:02	EPA 8260B	JV	1551	U
Ethyl tert-butyl ether	ND	0.40	0.50	ug/L	1	AD04729	04/29/20 09:00	04/29/20 10:02	EPA 8260B	JV	1551	U
Hexachlorobutadiene	ND	0.50	0.50	ug/L	1	AD04729	04/29/20 09:00	04/29/20 10:02	EPA 8260B	JV	1551	U
Hexachloroethane	ND	0.40	1.0	ug/L	1	AD04729	04/29/20 09:00	04/29/20 10:02	EPA 8260B	JV	1551	U
2-Hexanone	ND	0.50	5.0	ug/L	1	AD04729	04/29/20 09:00	04/29/20 10:02	EPA 8260B	JV	1551	U
Isobutanol	ND	40	100	ug/L	1	AD04729	04/29/20 09:00	04/29/20 10:02	EPA 8260B	JV	1551	U
Isopropylbenzene	ND	0.40	0.50	ug/L	1	AD04729	04/29/20 09:00	04/29/20 10:02	EPA 8260B	JV	1551	U
p-Isopropyltoluene	ND	0.40	0.50	ug/L	1	AD04729	04/29/20 09:00	04/29/20 10:02	EPA 8260B	JV	1551	U
Methacrylonitrile	ND	0.40	1.0	ug/L	1	AD04729	04/29/20 09:00	04/29/20 10:02	EPA 8260B	JV	1551	U
Methylene chloride	ND	0.50	0.50	ug/L	1	AD04729	04/29/20 09:00	04/29/20 10:02	EPA 8260B	JV	1551	U
Methyl ethyl ketone	ND	0.70	1.0	ug/L	1	AD04729	04/29/20 09:00	04/29/20 10:02	EPA 8260B	JV	1551	U
Methyl iodide	ND	0.40	2.0	ug/L	1	AD04729	04/29/20 09:00	04/29/20 10:02	EPA 8260B	JV	1551	U
Methyl isobutyl ketone	ND	0.60	1.0	ug/L	1	AD04729	04/29/20 09:00	04/29/20 10:02	EPA 8260B	JV	1551	U
Methyl methacrylate	ND	0.40	1.0	ug/L	1	AD04729	04/29/20 09:00	04/29/20 10:02	EPA 8260B	JV	1551	U
Methyl tert-butyl ether	ND	0.50	0.50	ug/L	1	AD04729	04/29/20 09:00	04/29/20 10:02	EPA 8260B	JV	1551	U
Naphthalene	ND	0.50	0.50	ug/L	1	AD04729	04/29/20 09:00	04/29/20 10:02	EPA 8260B	JV	1551	U
Propionitrile	ND	20	50	ug/L	1	AD04729	04/29/20 09:00	04/29/20 10:02	EPA 8260B	JV	1551	U
n-Propylbenzene	ND	0.40	0.50	ug/L	1	AD04729	04/29/20 09:00	04/29/20 10:02	EPA 8260B	JV	1551	U
Styrene	ND	0.40	0.50	ug/L	1	AD04729	04/29/20 09:00	04/29/20 10:02	EPA 8260B	JV	1551	U
Tert-amyl methyl ether	ND	0.40	0.50	ug/L	1	AD04729	04/29/20 09:00	04/29/20 10:02	EPA 8260B	JV	1551	U
Tert-butyl alcohol	ND	6.0	10	ug/L	1	AD04729	04/29/20 09:00	04/29/20 10:02	EPA 8260B	JV	1551	U
1,1,1,2-Tetrachloroethane	ND	0.40	0.50	ug/L	1	AD04729	04/29/20 09:00	04/29/20 10:02	EPA 8260B	JV	1551	U
1,1,2,2-Tetrachloroethane	ND	0.30	0.50	ug/L	1	AD04729	04/29/20 09:00	04/29/20 10:02	EPA 8260B	JV	1551	U
Tetrachloroethene	ND	0.40	0.50	ug/L	1	AD04729	04/29/20 09:00	04/29/20 10:02	EPA 8260B	JV	1551	U
Tetrahydrofuran	ND	0.40	5.0	ug/L	1	AD04729	04/29/20 09:00	04/29/20 10:02	EPA 8260B	JV	1551	U
Toluene	ND	0.30	0.30	ug/L	1	AD04729	04/29/20 09:00	04/29/20 10:02	EPA 8260B	JV	1551	U
1,2,3-Trichlorobenzene	ND	0.50	0.50	ug/L	1	AD04729	04/29/20 09:00	04/29/20 10:02	EPA 8260B	JV	1551	U

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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 AA017

Reported:  
 05/08/20 16:57

### Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Analyst	ELAP#	Notes
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**B0055CVBS - 01 (20D2661-01) Water** Sampled: 04/23/20 00:00 Received: 04/23/20 08:00

1,2,4-Trichlorobenzene	ND	0.20	0.50	ug/L	1	AD04729	04/29/20 09:00	04/29/20 10:02	EPA 8260B	JV	1551	U
1,1,1-Trichloroethane	ND	0.40	0.50	ug/L	1	AD04729	04/29/20 09:00	04/29/20 10:02	EPA 8260B	JV	1551	U
1,1,2-Trichloroethane	ND	0.40	0.50	ug/L	1	AD04729	04/29/20 09:00	04/29/20 10:02	EPA 8260B	JV	1551	U
Trichloroethene	ND	0.40	0.50	ug/L	1	AD04729	04/29/20 09:00	04/29/20 10:02	EPA 8260B	JV	1551	U
Trichlorofluoromethane	ND	0.20	0.50	ug/L	1	AD04729	04/29/20 09:00	04/29/20 10:02	EPA 8260B	JV	1551	U
1,2,3-Trichloropropane	ND	0.40	0.50	ug/L	1	AD04729	04/29/20 09:00	04/29/20 10:02	EPA 8260B	JV	1551	U
Trichlorotrifluoroethane	ND	0.20	0.50	ug/L	1	AD04729	04/29/20 09:00	04/29/20 10:02	EPA 8260B	JV	1551	U
1,2,4-Trimethylbenzene	ND	0.40	0.50	ug/L	1	AD04729	04/29/20 09:00	04/29/20 10:02	EPA 8260B	JV	1551	U
1,3,5-Trimethylbenzene	ND	0.30	0.50	ug/L	1	AD04729	04/29/20 09:00	04/29/20 10:02	EPA 8260B	JV	1551	U
Vinyl acetate	ND	0.80	1.0	ug/L	1	AD04729	04/29/20 09:00	04/29/20 10:02	EPA 8260B	JV	1551	U
Vinyl chloride	ND	0.40	0.50	ug/L	1	AD04729	04/29/20 09:00	04/29/20 10:02	EPA 8260B	JV	1551	U
m,p-Xylene	ND	0.50	0.50	ug/L	1	AD04729	04/29/20 09:00	04/29/20 10:02	EPA 8260B	JV	1551	U
o-Xylene	ND	0.40	0.50	ug/L	1	AD04729	04/29/20 09:00	04/29/20 10:02	EPA 8260B	JV	1551	U
Xylenes (total)	ND	0.50	0.50	ug/L	1	AD04729	04/29/20 09:00	04/29/20 10:02	EPA 8260B	JV	1551	U
Surrogate: Bromofluorobenzene		109 %	70-130			AD04729	04/29/20 09:00	04/29/20 10:02	EPA 8260B	JV	1551	
Surrogate: Dibromofluoromethane		111 %	70-130			AD04729	04/29/20 09:00	04/29/20 10:02	EPA 8260B	JV	1551	
Surrogate: Toluene-d8		107 %	70-130			AD04729	04/29/20 09:00	04/29/20 10:02	EPA 8260B	JV	1551	





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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 AA017	Reported: 05/08/20 16:57
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**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
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**Batch AD04826 - VOAs in Water GCMS**

**Blank (AD04826-BLK1)**

Prepared & Analyzed: 04/30/20

Acetone	ND	2.0	5.0	ug/L							U
Acrylonitrile	ND	0.40	5.0	ug/L							U
Benzene	ND	0.10	0.30	ug/L							U
Bromobenzene	ND	0.20	0.50	ug/L							U
Bromochloromethane	ND	0.40	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	0.50	0.50	ug/L							U
sec-Butylbenzene	ND	0.20	0.50	ug/L							U
tert-Butylbenzene	ND	0.50	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	0.20	0.50	ug/L							U
Chloroethane	ND	0.30	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	0.20	0.50	ug/L							U
Dibromomethane	ND	0.20	0.50	ug/L							U
1,2-Dichlorobenzene	ND	0.20	0.50	ug/L							U
1,3-Dichlorobenzene	ND	0.20	0.50	ug/L							U
1,4-Dichlorobenzene	ND	0.20	0.50	ug/L							U
trans-1,4-Dichloro-2-butene	ND	0.90	5.0	ug/L							U
Dichlorodifluoromethane	ND	0.50	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	0.30	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	0.20	0.50	ug/L							U
1,3-Dichloropropane	ND	0.10	0.50	ug/L							U
2,2-Dichloropropane	ND	0.30	0.50	ug/L							U

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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 AA017	Reported: 05/08/20 16:57
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**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
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**Batch AD04826 - VOAs in Water GCMS**

**Blank (AD04826-BLK1)**

Prepared & Analyzed: 04/30/20

1,1-Dichloropropene	ND	0.20	0.50	ug/L							U
cis-1,3-Dichloropropene	ND	0.30	0.50	ug/L							U
trans-1,3-Dichloropropene	ND	0.30	0.50	ug/L							U
2-Hexanone	ND	0.50	5.0	ug/L							U
Ethylbenzene	ND	0.20	0.50	ug/L							U
1,3-Dichloropropene (total)	ND	0.30	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	0.50	0.50	ug/L							U
Methyl ethyl ketone	ND	0.20	1.0	ug/L							U
Methyl iodide	ND	0.40	2.0	ug/L							U
Methyl isobutyl ketone	ND	0.30	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	0.50	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	0.20	0.50	ug/L							U
Tetrachloroethene	ND	0.20	0.50	ug/L							U
Toluene	ND	0.30	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	0.20	0.50	ug/L							U
Trichloroethene	ND	0.10	0.50	ug/L							U
Trichlorofluoromethane	ND	0.50	0.50	ug/L							U
Trichlorotrifluoroethane	ND	0.40	0.50	ug/L							U
1,2,3-Trichloropropane	ND	0.10	0.50	ug/L							U
1,2,4-Trimethylbenzene	ND	0.50	0.50	ug/L							U
1,3,5-Trimethylbenzene	ND	0.50	0.50	ug/L							U
Vinyl chloride	ND	0.50	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

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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 AA017	Reported: 05/08/20 16:57
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**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
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**Batch AD04826 - VOAs in Water GCMS**

**Blank (AD04826-BLK1)**

Prepared & Analyzed: 04/30/20

Ethyl tert-butyl ether	ND	0.40	0.50	ug/L							U
Tert-amyl methyl ether	ND	0.30	0.50	ug/L							U
Surrogate: Bromofluorobenzene	27.2			ug/L	25.0		109	70-130			
Surrogate: Dibromofluoromethane	22.2			ug/L	25.0		88.6	70-130			
Surrogate: Toluene-d8	26.8			ug/L	25.0		107	70-130			

**LCS (AD04826-BS1)**

Prepared & Analyzed: 04/30/20

Acetone	21.0	2.0	5.0	ug/L	20.0		105	70-130			
Acrylonitrile	4.46	0.40	5.0	ug/L	5.00		89.2	70-130			J
Benzene	4.64	0.10	0.30	ug/L	5.00		92.8	70-130			
Bromobenzene	5.43	0.20	0.50	ug/L	5.00		109	70-130			
Bromochloromethane	4.75	0.40	0.50	ug/L	5.00		95.0	70-130			
Bromodichloromethane	4.78	0.20	0.50	ug/L	5.00		95.6	70-130			
Bromoform	4.66	0.30	0.50	ug/L	5.00		93.2	70-130			
Bromomethane	4.48	0.40	0.50	ug/L	5.00		89.6	70-130			
n-Butylbenzene	5.34	0.50	0.50	ug/L	5.00		107	70-130			
sec-Butylbenzene	5.80	0.20	0.50	ug/L	5.00		116	70-130			
tert-Butylbenzene	4.77	0.50	0.50	ug/L	5.00		95.4	70-130			
Carbon disulfide	4.20	0.40	0.50	ug/L	5.00		84.0	70-130			
Carbon tetrachloride	4.44	0.30	0.50	ug/L	5.00		88.8	70-130			
Chlorobenzene	5.22	0.20	0.50	ug/L	5.00		104	70-130			
Chloroethane	4.22	0.30	0.50	ug/L	5.00		84.4	70-130			
Chloroform	5.08	0.30	0.50	ug/L	5.00		102	70-130			
Chloromethane	4.39	0.40	0.50	ug/L	5.00		87.8	70-130			
2-Chlorotoluene	5.58	0.20	0.50	ug/L	5.00		112	70-130			
4-Chlorotoluene	5.53	0.20	0.50	ug/L	5.00		111	70-130			
Dibromochloromethane	4.85	0.30	0.50	ug/L	5.00		97.0	70-130			
1,2-Dibromo-3-chloropropane	5.66	0.50	0.50	ug/L	5.00		113	70-130			
1,2-Dibromoethane (EDB)	5.08	0.20	0.50	ug/L	5.00		102	70-130			
Dibromomethane	4.46	0.20	0.50	ug/L	5.00		89.2	70-130			
1,2-Dichlorobenzene	5.59	0.20	0.50	ug/L	5.00		112	70-130			
1,3-Dichlorobenzene	5.33	0.20	0.50	ug/L	5.00		107	70-130			
1,4-Dichlorobenzene	5.51	0.20	0.50	ug/L	5.00		110	70-130			
trans-1,4-Dichloro-2-butene	5.81	0.90	5.0	ug/L	5.00		116	70-130			
Dichlorodifluoromethane	4.95	0.50	0.50	ug/L	5.00		99.0	70-130			
1,1-Dichloroethane	4.43	0.20	0.50	ug/L	5.00		88.6	70-130			
1,2-Dichloroethane	4.55	0.10	0.50	ug/L	5.00		91.0	70-130			

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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 AA017

Reported:  
 05/08/20 16:57

**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
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**Batch AD04826 - VOAs in Water GCMS**

**LCS (AD04826-BS1)**

Prepared & Analyzed: 04/30/20

1,1-Dichloroethene	4.20	0.30	0.30	ug/L	5.00		84.0	70-130			
cis-1,2-Dichloroethene	4.47	0.10	0.50	ug/L	5.00		89.4	70-130			
trans-1,2-Dichloroethene	4.24	0.10	0.50	ug/L	5.00		84.8	70-130			
1,2-Dichloropropane	4.34	0.20	0.50	ug/L	5.00		86.8	70-130			
1,3-Dichloropropane	5.15	0.10	0.50	ug/L	5.00		103	70-130			
2,2-Dichloropropane	4.42	0.30	0.50	ug/L	5.00		88.4	70-130			
1,1-Dichloropropene	4.82	0.20	0.50	ug/L	5.00		96.4	70-130			
cis-1,3-Dichloropropene	3.90	0.30	0.50	ug/L	5.00		78.0	70-130			
trans-1,3-Dichloropropene	5.16	0.30	0.50	ug/L	5.00		103	70-130			
Ethylbenzene	5.36	0.20	0.50	ug/L	5.00		107	70-130			
2-Hexanone	5.28	0.50	5.0	ug/L	5.00		106	70-130			
Hexachlorobutadiene	6.13	0.40	0.50	ug/L	5.00		123	70-130			
Isopropylbenzene	6.05	0.20	0.50	ug/L	5.00		121	70-130			
p-Isopropyltoluene	5.63	0.50	0.50	ug/L	5.00		113	70-130			
Methyl ethyl ketone	9.34	0.20	1.0	ug/L	10.0		93.4	70-130			
Methyl iodide	4.42	0.40	2.0	ug/L	5.00		88.4	70-130			
Methyl isobutyl ketone	9.13	0.30	1.0	ug/L	10.0		91.3	70-130			
Methylene chloride	4.43	0.40	0.50	ug/L	5.00		88.6	70-130			
Naphthalene	4.69	0.50	0.50	ug/L	5.00		93.8	70-130			
n-Propylbenzene	5.77	0.50	0.50	ug/L	5.00		115	70-130			
Styrene	5.52	0.20	0.50	ug/L	5.00		110	70-130			
1,1,1,2-Tetrachloroethane	4.70	0.40	0.50	ug/L	5.00		94.0	70-130			
1,1,1,2,2-Tetrachloroethane	5.32	0.20	0.50	ug/L	5.00		106	70-130			
Tetrachloroethene	5.22	0.20	0.50	ug/L	5.00		104	70-130			
Toluene	5.72	0.30	0.50	ug/L	5.00		114	70-130			
1,2,3-Trichlorobenzene	5.06	0.40	0.50	ug/L	5.00		101	70-130			
1,2,4-Trichlorobenzene	5.04	0.40	0.50	ug/L	5.00		101	70-130			
1,1,1-Trichloroethane	4.49	0.40	0.50	ug/L	5.00		89.8	70-130			
1,1,2-Trichloroethane	5.00	0.20	0.50	ug/L	5.00		100	70-130			
Trichloroethene	4.49	0.10	0.50	ug/L	5.00		89.8	70-130			
Trichlorofluoromethane	5.54	0.50	0.50	ug/L	5.00		111	70-130			
Trichlorotrifluoroethane	4.58	0.40	0.50	ug/L	5.00		91.6	70-130			
1,2,3-Trichloropropane	5.48	0.10	0.50	ug/L	5.00		110	70-130			
1,2,4-Trimethylbenzene	5.76	0.50	0.50	ug/L	5.00		115	70-130			
1,3,5-Trimethylbenzene	5.60	0.50	0.50	ug/L	5.00		112	70-130			
Vinyl chloride	4.39	0.50	0.50	ug/L	5.00		87.8	70-130			

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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 AA017	Reported: 05/08/20 16:57
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**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
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**Batch AD04826 - VOAs in Water GCMS**

**LCS (AD04826-BS1)**

Prepared & Analyzed: 04/30/20

m,p-Xylene	11.4	0.20	0.50	ug/L	10.0	114	70-130				
o-Xylene	5.36	0.20	0.50	ug/L	5.00	107	70-130				
Xylenes (total)	16.8	0.20	0.50	ug/L	15.0	112	70-130				
Methyl tert-butyl ether	5.15	0.50	3.0	ug/L	5.00	103	70-130				
Ethyl tert-butyl ether	4.19	0.40	0.50	ug/L	5.00	83.8	70-130				
Tert-amyl methyl ether	4.53	0.30	0.50	ug/L	5.00	90.6	70-130				
Surrogate: Bromofluorobenzene	27.3			ug/L	25.0	109	70-130				
Surrogate: Dibromofluoromethane	21.6			ug/L	25.0	86.3	70-130				
Surrogate: Toluene-d8	26.0			ug/L	25.0	104	70-130				

**LCS Dup (AD04826-BSD1)**

Prepared & Analyzed: 04/30/20

Acetone	18.7	2.0	5.0	ug/L	20.0	93.7	70-130	11.6	30		
Acrylonitrile	4.30	0.40	5.0	ug/L	5.00	86.0	70-130	3.65	30		J
Benzene	4.56	0.10	0.30	ug/L	5.00	91.2	70-130	1.74	30		
Bromobenzene	5.37	0.20	0.50	ug/L	5.00	107	70-130	1.11	30		
Bromochloromethane	4.70	0.40	0.50	ug/L	5.00	94.0	70-130	1.06	30		
Bromodichloromethane	4.69	0.20	0.50	ug/L	5.00	93.8	70-130	1.90	30		
Bromoform	4.61	0.30	0.50	ug/L	5.00	92.2	70-130	1.08	30		
Bromomethane	4.34	0.40	0.50	ug/L	5.00	86.8	70-130	3.17	30		
n-Butylbenzene	5.28	0.50	0.50	ug/L	5.00	106	70-130	1.13	30		
sec-Butylbenzene	5.75	0.20	0.50	ug/L	5.00	115	70-130	0.866	30		
tert-Butylbenzene	4.76	0.50	0.50	ug/L	5.00	95.2	70-130	0.210	30		
Carbon disulfide	4.21	0.40	0.50	ug/L	5.00	84.2	70-130	0.238	30		
Carbon tetrachloride	4.30	0.30	0.50	ug/L	5.00	86.0	70-130	3.20	30		
Chlorobenzene	5.11	0.20	0.50	ug/L	5.00	102	70-130	2.13	30		
Chloroethane	4.07	0.30	0.50	ug/L	5.00	81.4	70-130	3.62	30		
Chloroform	4.90	0.30	0.50	ug/L	5.00	98.0	70-130	3.61	30		
Chloromethane	4.45	0.40	0.50	ug/L	5.00	89.0	70-130	1.36	30		
2-Chlorotoluene	5.59	0.20	0.50	ug/L	5.00	112	70-130	0.179	30		
4-Chlorotoluene	5.43	0.20	0.50	ug/L	5.00	109	70-130	1.82	30		
Dibromochloromethane	4.95	0.30	0.50	ug/L	5.00	99.0	70-130	2.04	30		
1,2-Dibromo-3-chloropropane	5.78	0.50	0.50	ug/L	5.00	116	70-130	2.10	25		
1,2-Dibromoethane (EDB)	5.13	0.20	0.50	ug/L	5.00	103	70-130	0.979	25		
Dibromomethane	4.44	0.20	0.50	ug/L	5.00	88.8	70-130	0.449	30		
1,2-Dichlorobenzene	5.80	0.20	0.50	ug/L	5.00	116	70-130	3.69	30		
1,3-Dichlorobenzene	5.40	0.20	0.50	ug/L	5.00	108	70-130	1.30	30		
trans-1,4-Dichloro-2-butene	6.17	0.90	5.0	ug/L	5.00	123	70-130	6.01	25		

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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 AA017

Reported:  
 05/08/20 16:57

**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
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**Batch AD04826 - VOAs in Water GCMS**

**LCS Dup (AD04826-BSD1)**

Prepared & Analyzed: 04/30/20

1,4-Dichlorobenzene	5.66	0.20	0.50	ug/L	5.00	113	70-130	2.69	30	
Dichlorodifluoromethane	4.61	0.50	0.50	ug/L	5.00	92.2	70-130	7.11	30	
1,1-Dichloroethane	4.46	0.20	0.50	ug/L	5.00	89.2	70-130	0.675	30	
1,2-Dichloroethane	4.45	0.10	0.50	ug/L	5.00	89.0	70-130	2.22	30	
1,1-Dichloroethene	4.12	0.30	0.30	ug/L	5.00	82.4	70-130	1.92	30	
cis-1,2-Dichloroethene	4.32	0.10	0.50	ug/L	5.00	86.4	70-130	3.41	30	
trans-1,2-Dichloroethene	4.25	0.10	0.50	ug/L	5.00	85.0	70-130	0.236	30	
1,2-Dichloropropane	4.13	0.20	0.50	ug/L	5.00	82.6	70-130	4.96	30	
1,3-Dichloropropane	5.10	0.10	0.50	ug/L	5.00	102	70-130	0.976	30	
2,2-Dichloropropane	4.34	0.30	0.50	ug/L	5.00	86.8	70-130	1.83	30	
1,1-Dichloropropene	4.84	0.20	0.50	ug/L	5.00	96.8	70-130	0.414	30	
cis-1,3-Dichloropropene	4.08	0.30	0.50	ug/L	5.00	81.6	70-130	4.51	30	
trans-1,3-Dichloropropene	5.32	0.30	0.50	ug/L	5.00	106	70-130	3.05	30	
Ethylbenzene	5.31	0.20	0.50	ug/L	5.00	106	70-130	0.937	30	
2-Hexanone	5.23	0.50	5.0	ug/L	5.00	105	70-130	0.951	25	
Hexachlorobutadiene	6.07	0.40	0.50	ug/L	5.00	121	70-130	0.984	30	
Isopropylbenzene	5.87	0.20	0.50	ug/L	5.00	117	70-130	3.02	30	
p-Isopropyltoluene	5.63	0.50	0.50	ug/L	5.00	113	70-130	0.00	30	
Methyl ethyl ketone	8.81	0.20	1.0	ug/L	10.0	88.1	70-130	5.84	30	
Methyl iodide	4.65	0.40	2.0	ug/L	5.00	93.0	70-130	5.07	25	
Methyl isobutyl ketone	9.33	0.30	1.0	ug/L	10.0	93.3	70-130	2.17	30	
Methylene chloride	4.36	0.40	0.50	ug/L	5.00	87.2	70-130	1.59	30	
Naphthalene	4.87	0.50	0.50	ug/L	5.00	97.4	70-130	3.77	30	
n-Propylbenzene	5.58	0.50	0.50	ug/L	5.00	112	70-130	3.35	30	
Styrene	5.55	0.20	0.50	ug/L	5.00	111	70-130	0.542	30	
1,1,1,2-Tetrachloroethane	4.84	0.40	0.50	ug/L	5.00	96.8	70-130	2.94	30	
1,1,2,2-Tetrachloroethane	5.22	0.20	0.50	ug/L	5.00	104	70-130	1.90	30	
Tetrachloroethene	5.16	0.20	0.50	ug/L	5.00	103	70-130	1.16	30	
Toluene	5.76	0.30	0.50	ug/L	5.00	115	70-130	0.697	30	
1,2,3-Trichlorobenzene	5.16	0.40	0.50	ug/L	5.00	103	70-130	1.96	30	
1,2,4-Trichlorobenzene	5.17	0.40	0.50	ug/L	5.00	103	70-130	2.55	30	
1,1,1-Trichloroethane	4.25	0.40	0.50	ug/L	5.00	85.0	70-130	5.49	30	
1,1,2-Trichloroethane	5.21	0.20	0.50	ug/L	5.00	104	70-130	4.11	30	
Trichloroethene	4.39	0.10	0.50	ug/L	5.00	87.8	70-130	2.25	30	
Trichlorofluoromethane	5.36	0.50	0.50	ug/L	5.00	107	70-130	3.30	30	
Trichlorotrifluoroethane	4.40	0.40	0.50	ug/L	5.00	88.0	70-130	4.01	30	

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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 AA017	Reported: 05/08/20 16:57
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**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
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**Batch AD04826 - VOAs in Water GCMS**

**LCS Dup (AD04826-BSD1)**

Prepared & Analyzed: 04/30/20

1,2,3-Trichloropropane	5.44	0.10	0.50	ug/L	5.00	109	70-130	0.733	25	
1,2,4-Trimethylbenzene	5.78	0.50	0.50	ug/L	5.00	116	70-130	0.347	30	
1,3,5-Trimethylbenzene	5.53	0.50	0.50	ug/L	5.00	111	70-130	1.26	30	
Vinyl chloride	4.21	0.50	0.50	ug/L	5.00	84.2	70-130	4.19	30	
m,p-Xylene	11.2	0.20	0.50	ug/L	10.0	112	70-130	1.50	30	
o-Xylene	5.38	0.20	0.50	ug/L	5.00	108	70-130	0.372	30	
Xylenes (total)	16.6	0.20	0.50	ug/L	15.0	111	70-130	0.899	30	
Methyl tert-butyl ether	5.06	0.50	3.0	ug/L	5.00	101	70-130	1.76	30	
Ethyl tert-butyl ether	4.39	0.40	0.50	ug/L	5.00	87.8	70-130	4.66	30	
Tert-amyl methyl ether	4.60	0.30	0.50	ug/L	5.00	92.0	70-130	1.53	30	
Surrogate: Bromofluorobenzene	28.1			ug/L	25.0	112	70-130			
Surrogate: Dibromofluoromethane	21.7			ug/L	25.0	86.9	70-130			
Surrogate: Toluene-d8	26.7			ug/L	25.0	107	70-130			

**Matrix Spike (AD04826-MS1)**

Source: 20D3033-06

Prepared & Analyzed: 04/30/20

Acetone	18.3	2.0	5.0	ug/L	20.0	ND	91.6	70-130		
Acrylonitrile	4.48	0.40	5.0	ug/L	5.00	ND	89.6	70-130		J
Benzene	4.59	0.10	0.30	ug/L	5.00	ND	91.8	70-130		
Bromobenzene	5.35	0.20	0.50	ug/L	5.00	ND	107	70-130		
Bromochloromethane	4.62	0.40	0.50	ug/L	5.00	ND	92.4	70-130		
Bromodichloromethane	4.62	0.20	0.50	ug/L	5.00	ND	92.4	70-130		
Bromoform	4.55	0.30	0.50	ug/L	5.00	ND	91.0	70-130		
Bromomethane	4.38	0.40	0.50	ug/L	5.00	ND	87.6	70-130		
n-Butylbenzene	5.35	0.50	0.50	ug/L	5.00	ND	107	70-130		
sec-Butylbenzene	5.76	0.20	0.50	ug/L	5.00	ND	115	70-130		
tert-Butylbenzene	4.75	0.50	0.50	ug/L	5.00	ND	95.0	70-130		
Carbon disulfide	4.21	0.40	0.50	ug/L	5.00	ND	84.2	70-130		
Carbon tetrachloride	4.57	0.30	0.50	ug/L	5.00	ND	91.4	70-130		
Chlorobenzene	5.16	0.20	0.50	ug/L	5.00	ND	103	70-130		
Chloroethane	4.10	0.30	0.50	ug/L	5.00	ND	82.0	70-130		
Chloroform	5.00	0.30	0.50	ug/L	5.00	ND	100	70-130		
Chloromethane	4.29	0.40	0.50	ug/L	5.00	ND	85.8	70-130		
2-Chlorotoluene	5.68	0.20	0.50	ug/L	5.00	ND	114	70-130		
4-Chlorotoluene	5.41	0.20	0.50	ug/L	5.00	ND	108	70-130		
Dibromochloromethane	4.74	0.30	0.50	ug/L	5.00	ND	94.8	70-130		
1,2-Dibromo-3-chloropropane	5.43	0.50	0.50	ug/L	5.00	ND	109	70-130		
1,2-Dibromoethane (EDB)	4.95	0.20	0.50	ug/L	5.00	ND	99.0	70-130		

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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 AA017	Reported: 05/08/20 16:57
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**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
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**Batch AD04826 - VOAs in Water GCMS**

Matrix Spike (AD04826-MS1)	Source: 20D3033-06			Prepared & Analyzed: 04/30/20							
Dibromomethane	4.32	0.20	0.50	ug/L	5.00	ND	86.4	70-130			
1,2-Dichlorobenzene	5.63	0.20	0.50	ug/L	5.00	ND	113	70-130			
1,3-Dichlorobenzene	5.35	0.20	0.50	ug/L	5.00	ND	107	70-130			
1,4-Dichlorobenzene	5.44	0.20	0.50	ug/L	5.00	ND	109	70-130			
trans-1,4-Dichloro-2-butene	5.53	0.90	5.0	ug/L	5.00	ND	111	70-130			
Dichlorodifluoromethane	5.12	0.50	0.50	ug/L	5.00	ND	102	70-130			
1,1-Dichloroethane	4.45	0.20	0.50	ug/L	5.00	ND	89.0	70-130			
1,2-Dichloroethane	4.36	0.10	0.50	ug/L	5.00	ND	87.2	70-130			
1,1-Dichloroethene	4.28	0.30	0.30	ug/L	5.00	ND	85.6	70-130			
cis-1,2-Dichloroethene	4.40	0.10	0.50	ug/L	5.00	ND	88.0	70-130			
trans-1,2-Dichloroethene	4.28	0.10	0.50	ug/L	5.00	ND	85.6	70-130			
1,2-Dichloropropane	4.11	0.20	0.50	ug/L	5.00	ND	82.2	70-130			
1,3-Dichloropropane	5.00	0.10	0.50	ug/L	5.00	ND	100	70-130			
2,2-Dichloropropane	4.23	0.30	0.50	ug/L	5.00	ND	84.6	70-130			
1,1-Dichloropropene	4.90	0.20	0.50	ug/L	5.00	ND	98.0	70-130			
cis-1,3-Dichloropropene	3.91	0.30	0.50	ug/L	5.00	ND	78.2	70-130			
trans-1,3-Dichloropropene	4.96	0.30	0.50	ug/L	5.00	ND	99.2	70-130			
2-Hexanone	4.66	0.50	5.0	ug/L	5.00	ND	93.2	70-130			J
Ethylbenzene	5.39	0.20	0.50	ug/L	5.00	ND	108	70-130			
Hexachlorobutadiene	5.93	0.40	0.50	ug/L	5.00	ND	119	70-130			
Isopropylbenzene	6.00	0.20	0.50	ug/L	5.00	ND	120	70-130			
p-Isopropyltoluene	5.63	0.50	0.50	ug/L	5.00	ND	113	70-130			
Methyl ethyl ketone	9.75	0.20	1.0	ug/L	10.0	ND	97.5	70-130			
Methyl iodide	4.49	0.40	2.0	ug/L	5.00	ND	89.8	70-130			
Methyl isobutyl ketone	8.61	0.30	1.0	ug/L	10.0	ND	86.1	70-130			
Methylene chloride	3.70	0.40	0.50	ug/L	5.00	ND	74.0	70-130			
Naphthalene	4.56	0.50	0.50	ug/L	5.00	ND	91.2	70-130			
n-Propylbenzene	5.72	0.50	0.50	ug/L	5.00	ND	114	70-130			
Styrene	5.39	0.20	0.50	ug/L	5.00	ND	108	70-130			
1,1,1,2-Tetrachloroethane	4.74	0.40	0.50	ug/L	5.00	ND	94.8	70-130			
1,1,2,2-Tetrachloroethane	4.96	0.20	0.50	ug/L	5.00	ND	99.2	70-130			
Tetrachloroethene	5.24	0.20	0.50	ug/L	5.00	ND	105	70-130			
Toluene	5.84	0.30	0.50	ug/L	5.00	ND	117	70-130			
1,2,3-Trichlorobenzene	4.95	0.40	0.50	ug/L	5.00	ND	99.0	70-130			
1,2,4-Trichlorobenzene	4.87	0.40	0.50	ug/L	5.00	ND	97.4	70-130			
1,1,1-Trichloroethane	4.52	0.40	0.50	ug/L	5.00	ND	90.4	70-130			

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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 AA017	Reported: 05/08/20 16:57
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**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
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**Batch AD04826 - VOAs in Water GCMS**

Matrix Spike (AD04826-MS1)	Source: 20D3033-06			Prepared & Analyzed: 04/30/20							
1,1,2-Trichloroethane	5.16	0.20	0.50	ug/L	5.00	ND	103	70-130			
Trichloroethene	4.48	0.10	0.50	ug/L	5.00	ND	89.6	70-130			
Trichlorofluoromethane	5.60	0.50	0.50	ug/L	5.00	ND	112	70-130			
Trichlorotrifluoroethane	4.69	0.40	0.50	ug/L	5.00	ND	93.8	70-130			
1,2,3-Trichloropropane	5.35	0.10	0.50	ug/L	5.00	ND	107	70-130			
1,2,4-Trimethylbenzene	5.72	0.50	0.50	ug/L	5.00	ND	114	70-130			
1,3,5-Trimethylbenzene	5.51	0.50	0.50	ug/L	5.00	ND	110	70-130			
Vinyl chloride	4.49	0.50	0.50	ug/L	5.00	ND	89.8	70-130			
m,p-Xylene	11.4	0.20	0.50	ug/L	10.0	ND	114	70-130			
o-Xylene	5.44	0.20	0.50	ug/L	5.00	ND	109	70-130			
Xylenes (total)	16.9	0.20	0.50	ug/L	15.0	ND	112	70-130			
Methyl tert-butyl ether	4.02	0.50	3.0	ug/L	5.00	ND	80.4	70-130			
Ethyl tert-butyl ether	4.36	0.40	0.50	ug/L	5.00	ND	87.2	70-130			
Tert-amyl methyl ether	4.37	0.30	0.50	ug/L	5.00	ND	87.4	70-130			
Surrogate: Bromofluorobenzene	28.2			ug/L	25.0		113	70-130			
Surrogate: Dibromofluoromethane	22.3			ug/L	25.0		89.2	70-130			
Surrogate: Toluene-d8	27.0			ug/L	25.0		108	70-130			

Matrix Spike (AD04826-MS2)	Source: 20D2902-01			Prepared & Analyzed: 04/30/20							
Acetone	22.1	2.0	5.0	ug/L	20.0	ND	111	70-130			
Acrylonitrile	4.90	0.40	5.0	ug/L	5.00	ND	98.0	70-130			J
Benzene	5.01	0.10	0.30	ug/L	5.00	ND	100	70-130			
Bromobenzene	5.75	0.20	0.50	ug/L	5.00	ND	115	70-130			
Bromochloromethane	4.91	0.40	0.50	ug/L	5.00	ND	98.2	70-130			
Bromodichloromethane	24.2	0.20	0.50	ug/L	5.00	15.1	182	70-130			QM-05
Bromoform	6.68	0.30	0.50	ug/L	5.00	1.52	103	70-130			
Bromomethane	2.80	0.40	0.50	ug/L	5.00	ND	56.0	70-130			QM-05
n-Butylbenzene	6.03	0.50	0.50	ug/L	5.00	ND	121	70-130			
sec-Butylbenzene	6.29	0.20	0.50	ug/L	5.00	ND	126	70-130			
tert-Butylbenzene	5.36	0.50	0.50	ug/L	5.00	ND	107	70-130			
Carbon disulfide	4.58	0.40	0.50	ug/L	5.00	ND	91.6	70-130			
Carbon tetrachloride	5.02	0.30	0.50	ug/L	5.00	ND	100	70-130			
Chlorobenzene	5.69	0.20	0.50	ug/L	5.00	ND	114	70-130			
Chloroethane	4.12	0.30	0.50	ug/L	5.00	ND	82.4	70-130			
Chloroform	36.1	0.30	0.50	ug/L	5.00	32.1	81.2	70-130			
Chloromethane	4.40	0.40	0.50	ug/L	5.00	ND	88.0	70-130			
2-Chlorotoluene	6.13	0.20	0.50	ug/L	5.00	ND	123	70-130			

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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 AA017

Reported:  
 05/08/20 16:57

**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
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**Batch AD04826 - VOAs in Water GCMS**

**Matrix Spike (AD04826-MS2)**

Source: 20D2902-01

Prepared & Analyzed: 04/30/20

4-Chlorotoluene	5.98	0.20	0.50	ug/L	5.00	ND	120	70-130			
Dibromochloromethane	16.3	0.30	0.50	ug/L	5.00	8.62	154	70-130			QM-05
1,2-Dibromo-3-chloropropane	6.21	0.50	0.50	ug/L	5.00	ND	124	70-130			
1,2-Dibromoethane (EDB)	5.59	0.20	0.50	ug/L	5.00	ND	112	70-130			
Dibromomethane	4.73	0.20	0.50	ug/L	5.00	ND	94.6	70-130			
1,2-Dichlorobenzene	6.16	0.20	0.50	ug/L	5.00	ND	123	70-130			
1,3-Dichlorobenzene	5.77	0.20	0.50	ug/L	5.00	ND	115	70-130			
1,4-Dichlorobenzene	5.92	0.20	0.50	ug/L	5.00	ND	118	70-130			
trans-1,4-Dichloro-2-butene	5.02	0.90	5.0	ug/L	5.00	ND	100	70-130			
Dichlorodifluoromethane	5.44	0.50	0.50	ug/L	5.00	ND	109	70-130			
1,1-Dichloroethane	4.71	0.20	0.50	ug/L	5.00	ND	94.2	70-130			
1,2-Dichloroethane	4.71	0.10	0.50	ug/L	5.00	ND	94.2	70-130			
1,1-Dichloroethene	4.58	0.30	0.30	ug/L	5.00	ND	91.6	70-130			
cis-1,2-Dichloroethene	4.62	0.10	0.50	ug/L	5.00	ND	92.4	70-130			
trans-1,2-Dichloroethene	4.49	0.10	0.50	ug/L	5.00	ND	89.8	70-130			
1,2-Dichloropropane	4.40	0.20	0.50	ug/L	5.00	ND	88.0	70-130			
1,3-Dichloropropane	5.76	0.10	0.50	ug/L	5.00	ND	115	70-130			
2,2-Dichloropropane	4.49	0.30	0.50	ug/L	5.00	ND	89.8	70-130			
1,1-Dichloropropene	5.36	0.20	0.50	ug/L	5.00	ND	107	70-130			
cis-1,3-Dichloropropene	4.06	0.30	0.50	ug/L	5.00	ND	81.2	70-130			
trans-1,3-Dichloropropene	4.43	0.30	0.50	ug/L	5.00	ND	88.6	70-130			
2-Hexanone	5.88	0.50	5.0	ug/L	5.00	ND	118	70-130			
Ethylbenzene	6.00	0.20	0.50	ug/L	5.00	ND	120	70-130			
Hexachlorobutadiene	5.97	0.40	0.50	ug/L	5.00	ND	119	70-130			
Isopropylbenzene	6.41	0.20	0.50	ug/L	5.00	ND	128	70-130			
p-Isopropyltoluene	6.25	0.50	0.50	ug/L	5.00	ND	125	70-130			
Methyl ethyl ketone	9.07	0.20	1.0	ug/L	10.0	ND	90.7	70-130			
Methyl iodide	2.54	0.40	2.0	ug/L	5.00	ND	50.8	70-130			QM-05
Methyl isobutyl ketone	9.84	0.30	1.0	ug/L	10.0	ND	98.4	70-130			
Methylene chloride	4.11	0.40	0.50	ug/L	5.00	ND	82.2	70-130			
Naphthalene	5.17	0.50	0.50	ug/L	5.00	ND	103	70-130			
n-Propylbenzene	6.33	0.50	0.50	ug/L	5.00	ND	127	70-130			
Styrene	5.95	0.20	0.50	ug/L	5.00	ND	119	70-130			
1,1,1,2-Tetrachloroethane	5.37	0.40	0.50	ug/L	5.00	ND	107	70-130			
1,1,2,2-Tetrachloroethane	5.34	0.20	0.50	ug/L	5.00	ND	107	70-130			
Tetrachloroethene	5.96	0.20	0.50	ug/L	5.00	ND	119	70-130			

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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 AA017

Reported:  
 05/08/20 16:57

**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
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**Batch AD04826 - VOAs in Water GCMS**

**Matrix Spike (AD04826-MS2)**

Source: 20D2902-01

Prepared & Analyzed: 04/30/20

Toluene	6.32	0.30	0.50	ug/L	5.00	ND	126	70-130			
1,2,3-Trichlorobenzene	5.73	0.40	0.50	ug/L	5.00	ND	115	70-130			
1,2,4-Trichlorobenzene	5.51	0.40	0.50	ug/L	5.00	ND	110	70-130			
1,1,1-Trichloroethane	4.77	0.40	0.50	ug/L	5.00	ND	95.4	70-130			
1,1,2-Trichloroethane	6.09	0.20	0.50	ug/L	5.00	ND	122	70-130			
Trichloroethene	5.18	0.10	0.50	ug/L	5.00	ND	104	70-130			
Trichlorofluoromethane	5.99	0.50	0.50	ug/L	5.00	ND	120	70-130			
Trichlorotrifluoroethane	4.94	0.40	0.50	ug/L	5.00	ND	98.8	70-130			
1,2,3-Trichloropropane	5.63	0.10	0.50	ug/L	5.00	ND	113	70-130			
1,2,4-Trimethylbenzene	6.30	0.50	0.50	ug/L	5.00	ND	126	70-130			
1,3,5-Trimethylbenzene	6.11	0.50	0.50	ug/L	5.00	ND	122	70-130			
Vinyl chloride	4.53	0.50	0.50	ug/L	5.00	ND	90.6	70-130			
m,p-Xylene	12.6	0.20	0.50	ug/L	10.0	ND	126	70-130			
o-Xylene	6.00	0.20	0.50	ug/L	5.00	ND	120	70-130			
Xylenes (total)	18.6	0.20	0.50	ug/L	15.0	ND	124	70-130			
Methyl tert-butyl ether	4.23	0.50	3.0	ug/L	5.00	ND	84.6	70-130			
Ethyl tert-butyl ether	4.34	0.40	0.50	ug/L	5.00	ND	86.8	70-130			
Tert-amyl methyl ether	4.78	0.30	0.50	ug/L	5.00	ND	95.6	70-130			
Surrogate: Bromofluorobenzene	27.1			ug/L	25.0		109	70-130			
Surrogate: Dibromofluoromethane	20.9			ug/L	25.0		83.6	70-130			
Surrogate: Toluene-d8	26.3			ug/L	25.0		105	70-130			



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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 AA017	Reported: 05/08/20 16:57
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**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
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**Batch AD04729 - VOAs in Water GCMS**

**Blank (AD04729-BLK1)**

Prepared & Analyzed: 04/28/20

Acetone	ND	3.0	5.0	ug/L							U
Acetonitrile	ND	50	100	ug/L							U
Acrylonitrile	ND	0.40	5.0	ug/L							U
Allyl chloride	ND	0.40	10	ug/L							U
Benzene	ND	0.30	0.30	ug/L							U
Bromobenzene	ND	0.40	0.50	ug/L							U
Bromochloromethane	ND	0.40	0.50	ug/L							U
Bromodichloromethane	ND	0.40	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	0.40	5.0	ug/L							U
Carbon tetrachloride	ND	0.40	0.50	ug/L							U
Chlorobenzene	ND	0.30	0.50	ug/L							U
Chloroethane	ND	0.40	0.50	ug/L							U
2-Chloroethylvinyl ether	ND	0.70	1.0	ug/L							U
Chloroform	ND	0.40	0.50	ug/L							U
Chloroprene	ND	0.40	1.0	ug/L							U
Chloromethane	ND	0.40	0.50	ug/L							U
2-Chlorotoluene	ND	0.40	0.50	ug/L							U
4-Chlorotoluene	ND	0.30	0.50	ug/L							U
Dibromochloromethane	ND	0.40	0.50	ug/L							U
1,2-Dibromo-3-chloropropane	ND	0.60	2.0	ug/L							U
1,2-Dibromoethane (EDB)	ND	0.40	0.50	ug/L							U
Dibromomethane	ND	0.40	0.50	ug/L							U
1,2-Dichlorobenzene	ND	0.40	0.50	ug/L							U
1,3-Dichlorobenzene	ND	0.40	0.50	ug/L							U
1,4-Dichlorobenzene	ND	0.10	0.50	ug/L							U
trans-1,4-Dichloro-2-butene	ND	0.50	5.0	ug/L							U
Dichlorodifluoromethane	ND	0.40	0.50	ug/L							U
1,1-Dichloroethane	ND	0.30	0.50	ug/L							U
1,2-Dichloroethane	ND	0.40	0.50	ug/L							U
1,1-Dichloroethene	ND	0.30	0.50	ug/L							U
cis-1,2-Dichloroethene	ND	0.40	0.50	ug/L							U

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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 AA017	Reported: 05/08/20 16:57
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**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
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**Batch AD04729 - VOAs in Water GCMS**

**Blank (AD04729-BLK1)**

Prepared & Analyzed: 04/28/20

trans-1,2-Dichloroethene	ND	0.40	0.50	ug/L							U
1,2-Dichloropropane	ND	0.40	0.50	ug/L							U
1,3-Dichloropropane	ND	0.40	0.50	ug/L							U
2,2-Dichloropropane	ND	0.50	0.50	ug/L							U
1,1-Dichloropropene	ND	0.40	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 methacrylate	ND	0.70	10	ug/L							U
Ethylbenzene	ND	0.40	0.50	ug/L							U
Ethanol	ND	20	50	ug/L							U
Ethyl tert-butyl ether	ND	0.40	0.50	ug/L							U
Hexachlorobutadiene	ND	0.50	0.50	ug/L							U
Hexachloroethane	ND	0.40	1.0	ug/L							U
2-Hexanone	ND	0.50	5.0	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
Methylene chloride	ND	0.50	0.50	ug/L							U
Methacrylonitrile	ND	0.40	1.0	ug/L							U
Methyl ethyl ketone	ND	0.70	1.0	ug/L							U
Methyl iodide	ND	0.40	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	20	50	ug/L							U
Methyl tert-butyl ether	ND	0.50	0.50	ug/L							U
Naphthalene	ND	0.50	0.50	ug/L							U
n-Propylbenzene	ND	0.40	0.50	ug/L							U
Styrene	ND	0.40	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	0.40	0.50	ug/L							U
1,1,2,2-Tetrachloroethane	ND	0.30	0.50	ug/L							U
Tetrachloroethene	ND	0.40	0.50	ug/L							U
Tetrahydrofuran	ND	0.40	5.0	ug/L							U

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**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
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**Batch AD04729 - VOAs in Water GCMS**

**Blank (AD04729-BLK1)**

Prepared & Analyzed: 04/28/20

Toluene	ND	0.30	0.30	ug/L							U
1,2,3-Trichlorobenzene	ND	0.50	0.50	ug/L							U
1,2,4-Trichlorobenzene	ND	0.20	0.50	ug/L							U
1,1,1-Trichloroethane	ND	0.40	0.50	ug/L							U
1,1,2-Trichloroethane	ND	0.40	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	0.40	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	0.80	1.0	ug/L							U
Vinyl chloride	ND	0.40	0.50	ug/L							U
m,p-Xylene	ND	0.50	0.50	ug/L							U
o-Xylene	ND	0.40	0.50	ug/L							U
Xylenes (total)	ND	0.50	0.50	ug/L							U
Surrogate: Bromofluorobenzene	29.5			ug/L	25.0		118	70-130			
Surrogate: Dibromofluoromethane	29.1			ug/L	25.0		116	70-130			
Surrogate: Toluene-d8	28.4			ug/L	25.0		114	70-130			

**LCS (AD04729-BS1)**

Prepared & Analyzed: 04/28/20

Acetone	92.2	3.0	5.0	ug/L	80.0		115	48-124			
Acetonitrile	2490	50	100	ug/L	2000		124	70-130			
Allyl chloride	22.4	0.40	10	ug/L	20.0		112	70-130			
Acrylonitrile	24.0	0.40	5.0	ug/L	20.0		120	70-130			
Benzene	21.1	0.30	0.30	ug/L	20.0		106	82-122			
Bromobenzene	21.0	0.40	0.50	ug/L	20.0		105	83-122			
Bromochloromethane	23.9	0.40	0.50	ug/L	20.0		120	83-124			
Bromodichloromethane	20.5	0.40	0.50	ug/L	20.0		103	86-135			
Bromoform	22.5	0.30	0.50	ug/L	20.0		113	76-144			
Bromomethane	21.6	0.40	0.50	ug/L	20.0		108	69-145			
n-Butylbenzene	21.6	0.40	0.50	ug/L	20.0		108	79-132			
sec-Butylbenzene	22.8	0.40	0.50	ug/L	20.0		114	86-132			
tert-Butylbenzene	22.7	0.30	0.50	ug/L	20.0		114	82-126			
Carbon disulfide	23.8	0.40	5.0	ug/L	20.0		119	70-130			
Carbon tetrachloride	23.0	0.40	0.50	ug/L	20.0		115	77-134			
Chlorobenzene	20.6	0.30	0.50	ug/L	20.0		103	84-119			

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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 AA017	Reported: 05/08/20 16:57
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**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
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**Batch AD04729 - VOAs in Water GCMS**

**LCS (AD04729-BS1)**

Prepared & Analyzed: 04/28/20

Chloroethane	19.2	0.40	0.50	ug/L	20.0		96.2	68-133			
2-Chloroethylvinyl ether	42.6	0.70	1.0	ug/L	40.0		107	75-130			
Chloroform	22.2	0.40	0.50	ug/L	20.0		111	81-122			
Chloromethane	19.3	0.40	0.50	ug/L	20.0		96.5	63-129			
Chloroprene	22.0	0.40	1.0	ug/L	20.0		110	70-130			
2-Chlorotoluene	22.1	0.40	0.50	ug/L	20.0		110	79-132			
4-Chlorotoluene	21.3	0.30	0.50	ug/L	20.0		106	80-122			
Dibromochloromethane	22.1	0.40	0.50	ug/L	20.0		111	83-135			
1,2-Dibromo-3-chloropropane	22.4	0.60	2.0	ug/L	20.0		112	73-128			
1,2-Dibromoethane (EDB)	20.4	0.40	0.50	ug/L	20.0		102	80-120			
Dibromomethane	20.4	0.40	0.50	ug/L	20.0		102	82-124			
1,2-Dichlorobenzene	20.9	0.40	0.50	ug/L	20.0		104	84-121			
1,3-Dichlorobenzene	21.8	0.40	0.50	ug/L	20.0		109	80-120			
1,4-Dichlorobenzene	20.2	0.10	0.50	ug/L	20.0		101	84-120			
trans-1,4-Dichloro-2-butene	21.1	0.50	5.0	ug/L	20.0		106	70-130			
Dichlorodifluoromethane	25.3	0.40	0.50	ug/L	20.0		126	52-142			
1,1-Dichloroethane	21.1	0.30	0.50	ug/L	20.0		106	81-126			
1,2-Dichloroethane	19.1	0.40	0.50	ug/L	20.0		95.4	77-117			
1,1-Dichloroethene	19.8	0.30	0.50	ug/L	20.0		98.9	71-151			
cis-1,2-Dichloroethene	21.7	0.40	0.50	ug/L	20.0		108	84-131			
trans-1,2-Dichloroethene	21.5	0.40	0.50	ug/L	20.0		107	79-128			
1,2-Dichloropropane	19.1	0.40	0.50	ug/L	20.0		95.3	82-125			
1,3-Dichloropropane	20.5	0.40	0.50	ug/L	20.0		103	83-120			
2,2-Dichloropropane	18.6	0.50	0.50	ug/L	20.0		93.0	80-125			
1,1-Dichloropropene	23.5	0.40	0.50	ug/L	20.0		118	85-130			
cis-1,3-Dichloropropene	19.1	0.40	0.50	ug/L	20.0		95.4	83-128			
trans-1,3-Dichloropropene	18.9	0.40	0.50	ug/L	20.0		94.6	67-129			
Diethyl ether	22.7	0.20	1.0	ug/L	20.0		114	70-130			
Di-isopropyl ether	22.1	0.40	0.50	ug/L	20.0		110	83-132			
Ethyl methacrylate	20.5	0.70	10	ug/L	20.0		102	70-130			
Ethylbenzene	21.1	0.40	0.50	ug/L	20.0		106	84-124			
Ethanol	1240	20	50	ug/L	980		126	50-150			
Ethyl tert-butyl ether	22.3	0.40	0.50	ug/L	20.0		111	74-127			
Hexachlorobutadiene	22.8	0.50	0.50	ug/L	20.0		114	75-135			
Hexachloroethane	22.2	0.40	1.0	ug/L	20.0		111	70-130			
2-Hexanone	20.4	0.50	5.0	ug/L	20.0		102	70-130			

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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 AA017	Reported: 05/08/20 16:57
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**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
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**Batch AD04729 - VOAs in Water GCMS**

**LCS (AD04729-BS1)**

Prepared & Analyzed: 04/28/20

Isopropylbenzene	22.3	0.40	0.50	ug/L	20.0		111	75-116			
Isobutanol	2530	40	100	ug/L	2000		126	70-130			
p-Isopropyltoluene	22.8	0.40	0.50	ug/L	20.0		114	78-124			
Methylene chloride	21.1	0.50	0.50	ug/L	20.0		105	72-132			
Methacrylonitrile	22.1	0.40	1.0	ug/L	20.0		111	70-130			
Methyl ethyl ketone	41.2	0.70	1.0	ug/L	40.0		103	58-157			
Methyl iodide	21.8	0.40	2.0	ug/L	20.0		109	56-167			
Methyl isobutyl ketone	42.6	0.60	1.0	ug/L	40.0		106	70-130			
Methyl methacrylate	25.8	0.40	1.0	ug/L	20.0		129	70-130			
Methyl tert-butyl ether	22.4	0.50	0.50	ug/L	20.0		112	84-119			
Naphthalene	22.8	0.50	0.50	ug/L	20.0		114	84-134			
Propionitrile	1220	20	50	ug/L	1000		122	70-130			
n-Propylbenzene	22.7	0.40	0.50	ug/L	20.0		114	75-127			
Styrene	21.3	0.40	0.50	ug/L	20.0		106	80-125			
Tert-amyl methyl ether	21.5	0.40	0.50	ug/L	20.0		107	74-120			
Tert-butyl alcohol	468	6.0	10	ug/L	400		117	66-147			
1,1,1,2-Tetrachloroethane	21.4	0.40	0.50	ug/L	20.0		107	80-132			
1,1,2,2-Tetrachloroethane	22.0	0.30	0.50	ug/L	20.0		110	84-115			
Tetrachloroethene	21.6	0.40	0.50	ug/L	20.0		108	56-156			
Tetrahydrofuran	25.2	0.40	5.0	ug/L	20.0		126	70-130			
Toluene	21.3	0.30	0.30	ug/L	20.0		107	76-137			
1,2,4-Trichlorobenzene	22.1	0.20	0.50	ug/L	20.0		111	84-126			
1,2,3-Trichlorobenzene	22.9	0.50	0.50	ug/L	20.0		114	85-133			
1,1,1-Trichloroethane	21.7	0.40	0.50	ug/L	20.0		109	70-130			
1,1,2-Trichloroethane	20.2	0.40	0.50	ug/L	20.0		101	83-122			
Trichloroethene	20.9	0.40	0.50	ug/L	20.0		105	84-123			
Trichlorofluoromethane	23.1	0.20	0.50	ug/L	20.0		115	74-130			
1,2,3-Trichloropropane	22.2	0.40	0.50	ug/L	20.0		111	78-122			
Trichlorotrifluoroethane	24.3	0.20	0.50	ug/L	20.0		121	82-125			
1,2,4-Trimethylbenzene	22.4	0.40	0.50	ug/L	20.0		112	85-127			
1,3,5-Trimethylbenzene	22.2	0.30	0.50	ug/L	20.0		111	80-125			
Vinyl acetate	43.7	0.80	1.0	ug/L	40.0		109	60-140			
Vinyl chloride	15.8	0.40	0.50	ug/L	20.0		79.2	70-130			
m,p-Xylene	43.3	0.50	0.50	ug/L	40.0		108	81-124			
o-Xylene	21.7	0.40	0.50	ug/L	20.0		109	80-126			
Xylenes (total)	65.0	0.50	0.50	ug/L	60.0		108	81-126			

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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 AA017	Reported: 05/08/20 16:57
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**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
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**Batch AD04729 - VOAs in Water GCMS**

**LCS (AD04729-BS1)**

Prepared & Analyzed: 04/28/20

Surrogate: Bromofluorobenzene	28.4			ug/L	25.0		114	70-130			
Surrogate: Dibromofluoromethane	28.5			ug/L	25.0		114	70-130			
Surrogate: Toluene-d8	28.1			ug/L	25.0		113	70-130			

**LCS Dup (AD04729-BS1)**

Prepared & Analyzed: 04/28/20

Acetone	84.7	3.0	5.0	ug/L	80.0		106	48-124	8.52	25	
Acetonitrile	2530	50	100	ug/L	2000		127	70-130	1.96	25	
Allyl chloride	22.4	0.40	10	ug/L	20.0		112	70-130	0.312	25	
Acrylonitrile	22.4	0.40	5.0	ug/L	20.0		112	70-130	6.77	25	
Benzene	20.7	0.30	0.30	ug/L	20.0		103	82-122	2.11	25	
Bromobenzene	21.1	0.40	0.50	ug/L	20.0		106	83-122	0.285	25	
Bromochloromethane	23.4	0.40	0.50	ug/L	20.0		117	83-124	2.37	25	
Bromodichloromethane	19.7	0.40	0.50	ug/L	20.0		98.7	86-135	3.97	25	
Bromoform	22.7	0.30	0.50	ug/L	20.0		113	76-144	0.664	25	
Bromomethane	22.1	0.40	0.50	ug/L	20.0		110	69-145	2.01	25	
n-Butylbenzene	20.3	0.40	0.50	ug/L	20.0		101	79-132	6.40	25	
sec-Butylbenzene	22.0	0.40	0.50	ug/L	20.0		110	86-132	3.53	25	
tert-Butylbenzene	22.1	0.30	0.50	ug/L	20.0		110	82-126	2.90	25	
Carbon disulfide	23.6	0.40	5.0	ug/L	20.0		118	70-130	0.803	30	
Carbon tetrachloride	22.5	0.40	0.50	ug/L	20.0		113	77-134	2.11	25	
Chlorobenzene	20.2	0.30	0.50	ug/L	20.0		101	84-119	1.76	25	
Chloroethane	19.1	0.40	0.50	ug/L	20.0		95.6	68-133	0.678	25	
2-Chloroethylvinyl ether	40.4	0.70	1.0	ug/L	40.0		101	75-130	5.40	30	
Chloroform	21.4	0.40	0.50	ug/L	20.0		107	81-122	3.58	25	
Chloroprene	21.7	0.40	1.0	ug/L	20.0		108	70-130	1.42	25	
Chloromethane	20.4	0.40	0.50	ug/L	20.0		102	63-129	5.59	25	
2-Chlorotoluene	21.8	0.40	0.50	ug/L	20.0		109	79-132	1.46	25	
4-Chlorotoluene	20.4	0.30	0.50	ug/L	20.0		102	80-122	4.18	25	
Dibromochloromethane	22.7	0.40	0.50	ug/L	20.0		113	83-135	2.45	25	
1,2-Dibromo-3-chloropropane	20.9	0.60	2.0	ug/L	20.0		104	73-128	6.93	25	
1,2-Dibromoethane (EDB)	20.1	0.40	0.50	ug/L	20.0		101	80-120	1.48	25	
Dibromomethane	20.0	0.40	0.50	ug/L	20.0		100	82-124	1.73	25	
1,2-Dichlorobenzene	20.3	0.40	0.50	ug/L	20.0		101	84-121	2.87	25	
1,3-Dichlorobenzene	21.3	0.40	0.50	ug/L	20.0		106	80-120	2.60	25	
1,4-Dichlorobenzene	19.4	0.10	0.50	ug/L	20.0		96.8	84-120	4.24	25	
trans-1,4-Dichloro-2-butene	20.9	0.50	5.0	ug/L	20.0		105	70-130	0.761	25	
Dichlorodifluoromethane	25.5	0.40	0.50	ug/L	20.0		128	52-142	1.06	25	

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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 AA017	Reported: 05/08/20 16:57
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**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
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**Batch AD04729 - VOAs in Water GCMS**

**LCS Dup (AD04729-BSD1)**

Prepared & Analyzed: 04/28/20

1,1-Dichloroethane	20.6	0.30	0.50	ug/L	20.0	103	81-126	2.44	25	
1,2-Dichloroethane	19.0	0.40	0.50	ug/L	20.0	94.8	77-117	0.683	25	
1,1-Dichloroethene	19.5	0.30	0.50	ug/L	20.0	97.7	71-151	1.22	25	
cis-1,2-Dichloroethene	21.0	0.40	0.50	ug/L	20.0	105	84-131	3.19	25	
trans-1,2-Dichloroethene	21.3	0.40	0.50	ug/L	20.0	106	79-128	0.888	25	
1,2-Dichloropropane	19.6	0.40	0.50	ug/L	20.0	98.0	82-125	2.74	25	
1,3-Dichloropropane	20.8	0.40	0.50	ug/L	20.0	104	83-120	1.36	25	
2,2-Dichloropropane	19.3	0.50	0.50	ug/L	20.0	96.4	80-125	3.64	25	
1,1-Dichloropropene	22.3	0.40	0.50	ug/L	20.0	112	85-130	5.15	25	
cis-1,3-Dichloropropene	18.7	0.40	0.50	ug/L	20.0	93.4	83-128	2.12	25	
trans-1,3-Dichloropropene	18.6	0.40	0.50	ug/L	20.0	93.0	67-129	1.76	25	
Diethyl ether	23.0	0.20	1.0	ug/L	20.0	115	70-130	1.36	25	
Di-isopropyl ether	22.0	0.40	0.50	ug/L	20.0	110	83-132	0.454	25	
Ethylbenzene	20.6	0.40	0.50	ug/L	20.0	103	84-124	2.54	25	
Ethyl methacrylate	20.2	0.70	10	ug/L	20.0	101	70-130	1.23	25	
Ethanol	1140	20	50	ug/L	980	117	50-150	7.64	25	
Ethyl tert-butyl ether	22.0	0.40	0.50	ug/L	20.0	110	74-127	1.26	25	
Hexachlorobutadiene	19.3	0.50	0.50	ug/L	20.0	96.4	75-135	16.9	25	
Hexachloroethane	20.9	0.40	1.0	ug/L	20.0	104	70-130	6.26	25	
2-Hexanone	19.9	0.50	5.0	ug/L	20.0	99.6	70-130	2.48	30	
Isobutanol	2280	40	100	ug/L	2000	114	70-130	10.2	25	
Isopropylbenzene	21.8	0.40	0.50	ug/L	20.0	109	75-116	2.18	25	
p-Isopropyltoluene	21.9	0.40	0.50	ug/L	20.0	110	78-124	3.89	25	
Methylene chloride	21.1	0.50	0.50	ug/L	20.0	105	72-132	0.0949	25	
Methacrylonitrile	21.2	0.40	1.0	ug/L	20.0	106	70-130	4.43	25	
Methyl ethyl ketone	40.1	0.70	1.0	ug/L	40.0	100	58-157	2.80	25	
Methyl iodide	21.5	0.40	2.0	ug/L	20.0	107	56-167	1.71	30	
Methyl isobutyl ketone	41.9	0.60	1.0	ug/L	40.0	105	70-130	1.59	25	
Methyl methacrylate	24.9	0.40	1.0	ug/L	20.0	125	70-130	3.23	25	
Naphthalene	20.2	0.50	0.50	ug/L	20.0	101	84-134	12.0	25	
Methyl tert-butyl ether	22.4	0.50	0.50	ug/L	20.0	112	84-119	0.0893	25	
Propionitrile	1130	20	50	ug/L	1000	113	70-130	7.81	25	
n-Propylbenzene	22.2	0.40	0.50	ug/L	20.0	111	75-127	2.54	25	
Styrene	20.9	0.40	0.50	ug/L	20.0	105	80-125	1.66	25	
Tert-amyl methyl ether	21.4	0.40	0.50	ug/L	20.0	107	74-120	0.140	25	
Tert-butyl alcohol	410	6.0	10	ug/L	400	102	66-147	13.1	25	

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**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
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**Batch AD04729 - VOAs in Water GCMS**

**LCS Dup (AD04729-BSD1)**

Prepared & Analyzed: 04/28/20

1,1,1,2-Tetrachloroethane	20.7	0.40	0.50	ug/L	20.0	104	80-132	3.04	25	
1,1,2,2-Tetrachloroethane	21.6	0.30	0.50	ug/L	20.0	108	84-115	1.97	25	
Tetrachloroethene	21.1	0.40	0.50	ug/L	20.0	105	56-156	2.67	25	
Tetrahydrofuran	24.4	0.40	5.0	ug/L	20.0	122	70-130	3.43	25	
Toluene	21.2	0.30	0.30	ug/L	20.0	106	76-137	0.612	25	
1,2,3-Trichlorobenzene	19.4	0.50	0.50	ug/L	20.0	97.2	85-133	16.2	25	
1,2,4-Trichlorobenzene	19.7	0.20	0.50	ug/L	20.0	98.6	84-126	11.5	25	
1,1,1-Trichloroethane	21.5	0.40	0.50	ug/L	20.0	108	70-130	0.924	25	
1,1,2-Trichloroethane	19.9	0.40	0.50	ug/L	20.0	99.6	83-122	1.40	25	
Trichloroethene	20.2	0.40	0.50	ug/L	20.0	101	84-123	3.40	25	
Trichlorofluoromethane	22.5	0.20	0.50	ug/L	20.0	113	74-130	2.46	25	
1,2,3-Trichloropropane	21.5	0.40	0.50	ug/L	20.0	107	78-122	3.39	25	
Trichlorotrifluoroethane	23.8	0.20	0.50	ug/L	20.0	119	82-125	1.83	25	
1,2,4-Trimethylbenzene	21.8	0.40	0.50	ug/L	20.0	109	85-127	2.94	25	
1,3,5-Trimethylbenzene	21.6	0.30	0.50	ug/L	20.0	108	80-125	2.69	25	
Vinyl acetate	42.6	0.80	1.0	ug/L	40.0	106	60-140	2.64	25	
Vinyl chloride	18.5	0.40	0.50	ug/L	20.0	92.3	70-130	15.2	25	
m,p-Xylene	42.3	0.50	0.50	ug/L	40.0	106	81-124	2.36	25	
o-Xylene	21.3	0.40	0.50	ug/L	20.0	106	80-126	2.05	25	
Xylenes (total)	63.5	0.50	0.50	ug/L	60.0	106	81-126	2.26	25	
Surrogate: Bromofluorobenzene	28.1			ug/L	25.0	113	70-130			
Surrogate: Dibromofluoromethane	28.5			ug/L	25.0	114	70-130			
Surrogate: Toluene-d8	27.4			ug/L	25.0	109	70-130			

**Matrix Spike (AD04729-MS1)**

Source: 20D2646-01

Prepared: 04/28/20 Analyzed: 04/29/20

Acetone	78.7	3.0	5.0	ug/L	80.0	ND	98.4	32-164		
Acetonitrile	2710	50	100	ug/L	2000	ND	136	70-130		QM-05
Acrylonitrile	22.9	0.40	5.0	ug/L	20.0	ND	114	70-130		
Allyl chloride	25.7	0.40	10	ug/L	20.0	ND	128	70-130		
Benzene	22.0	0.30	0.30	ug/L	20.0	ND	110	58-139		
Bromobenzene	20.8	0.40	0.50	ug/L	20.0	ND	104	63-143		
Bromochloromethane	23.1	0.40	0.50	ug/L	20.0	ND	115	60-141		
Bromodichloromethane	20.2	0.40	0.50	ug/L	20.0	ND	101	62-140		
Bromoform	20.5	0.30	0.50	ug/L	20.0	ND	103	47-165		
Bromomethane	21.2	0.40	0.50	ug/L	20.0	ND	106	30-163		
n-Butylbenzene	21.9	0.40	0.50	ug/L	20.0	ND	110	57-147		
sec-Butylbenzene	22.0	0.40	0.50	ug/L	20.0	ND	110	64-155		

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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 AA017	Reported: 05/08/20 16:57
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**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
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**Batch AD04729 - VOAs in Water GCMS**

Matrix Spike (AD04729-MS1)	Source: 20D2646-01			Prepared: 04/28/20 Analyzed: 04/29/20							
tert-Butylbenzene	21.7	0.30	0.50	ug/L	20.0	ND	108	57-150			
Carbon disulfide	25.3	0.40	5.0	ug/L	20.0	ND	126	70-130			
Carbon tetrachloride	22.1	0.40	0.50	ug/L	20.0	ND	110	65-153			
Chlorobenzene	21.2	0.30	0.50	ug/L	20.0	ND	106	58-137			
Chloroethane	18.8	0.40	0.50	ug/L	20.0	ND	94.2	59-141			
2-Chloroethylvinyl ether	44.4	0.70	1.0	ug/L	40.0	ND	111	73-107			QM-05
Chloroform	22.0	0.40	0.50	ug/L	20.0	ND	110	36-151			
Chloromethane	18.9	0.40	0.50	ug/L	20.0	ND	94.4	69-149			
Chloroprene	22.6	0.40	1.0	ug/L	20.0	ND	113	70-130			
2-Chlorotoluene	21.2	0.40	0.50	ug/L	20.0	ND	106	54-150			
4-Chlorotoluene	20.6	0.30	0.50	ug/L	20.0	ND	103	59-140			
Dibromochloromethane	21.2	0.40	0.50	ug/L	20.0	ND	106	54-157			
1,2-Dibromo-3-chloropropane	20.3	0.60	2.0	ug/L	20.0	ND	101	54-137			
1,2-Dibromoethane (EDB)	21.2	0.40	0.50	ug/L	20.0	ND	106	40-147			
Dibromomethane	20.4	0.40	0.50	ug/L	20.0	ND	102	59-139			
1,2-Dichlorobenzene	20.9	0.40	0.50	ug/L	20.0	ND	105	39-145			
1,3-Dichlorobenzene	20.3	0.40	0.50	ug/L	20.0	ND	102	54-137			
1,4-Dichlorobenzene	20.4	0.10	0.50	ug/L	20.0	ND	102	41-142			
trans-1,4-Dichloro-2-butene	21.5	0.50	5.0	ug/L	20.0	ND	108	70-130			
Dichlorodifluoromethane	28.0	0.40	0.50	ug/L	20.0	ND	140	39-162			
1,1-Dichloroethane	21.8	0.30	0.50	ug/L	20.0	ND	109	39-146			
1,2-Dichloroethane	19.3	0.40	0.50	ug/L	20.0	ND	96.3	58-133			
1,1-Dichloroethene	22.0	0.30	0.50	ug/L	20.0	ND	110	70-154			
cis-1,2-Dichloroethene	21.4	0.40	0.50	ug/L	20.0	ND	107	66-141			
trans-1,2-Dichloroethene	22.1	0.40	0.50	ug/L	20.0	ND	111	59-151			
1,2-Dichloropropane	19.9	0.40	0.50	ug/L	20.0	ND	99.5	41-142			
1,3-Dichloropropane	21.8	0.40	0.50	ug/L	20.0	ND	109	62-139			
2,2-Dichloropropane	21.8	0.50	0.50	ug/L	20.0	ND	109	40-167			
1,1-Dichloropropene	24.5	0.40	0.50	ug/L	20.0	ND	122	58-148			
cis-1,3-Dichloropropene	19.9	0.40	0.50	ug/L	20.0	ND	99.4	50-140			
trans-1,3-Dichloropropene	19.6	0.40	0.50	ug/L	20.0	ND	98.2	40-144			
Diethyl ether	23.5	0.20	1.0	ug/L	20.0	ND	118	70-130			
Di-isopropyl ether	21.8	0.40	0.50	ug/L	20.0	ND	109	49-143			
Ethanol	1160	20	50	ug/L	980	ND	118	50-150			
Ethyl methacrylate	20.0	0.70	10	ug/L	20.0	ND	99.8	70-130			
Ethylbenzene	21.6	0.40	0.50	ug/L	20.0	ND	108	59-147			

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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 AA017	Reported: 05/08/20 16:57
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**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
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**Batch AD04729 - VOAs in Water GCMS**

<b>Matrix Spike (AD04729-MS1)</b>	<b>Source: 20D2646-01</b>			<b>Prepared: 04/28/20 Analyzed: 04/29/20</b>						
Ethyl tert-butyl ether	20.0	0.40	0.50	ug/L	20.0	ND	100	44-143		
Hexachlorobutadiene	22.8	0.50	0.50	ug/L	20.0	ND	114	56-149		
Hexachloroethane	20.1	0.40	1.0	ug/L	20.0	ND	101	70-130		
2-Hexanone	19.5	0.50	5.0	ug/L	20.0	ND	97.4	70-130		
Isopropylbenzene	22.0	0.40	0.50	ug/L	20.0	ND	110	56-134		
Isobutanol	2110	40	100	ug/L	2000	ND	106	70-130		
p-Isopropyltoluene	21.6	0.40	0.50	ug/L	20.0	ND	108	54-148		
Methylene chloride	21.6	0.50	0.50	ug/L	20.0	0.600	105	43-143		
Methacrylonitrile	21.6	0.40	1.0	ug/L	20.0	ND	108	70-130		
Methyl ethyl ketone	39.6	0.70	1.0	ug/L	40.0	ND	99.0	62-126		
Methyl iodide	23.7	0.40	2.0	ug/L	20.0	ND	118	70-130		
Methyl methacrylate	25.9	0.40	1.0	ug/L	20.0	ND	129	70-130		
Methyl isobutyl ketone	40.7	0.60	1.0	ug/L	40.0	ND	102	66-127		
Naphthalene	20.5	0.50	0.50	ug/L	20.0	ND	103	52-157		
Methyl tert-butyl ether	20.1	0.50	0.50	ug/L	20.0	ND	101	55-144		
Propionitrile	1100	20	50	ug/L	1000	ND	110	70-130		
n-Propylbenzene	22.4	0.40	0.50	ug/L	20.0	ND	112	55-145		
Styrene	21.2	0.40	0.50	ug/L	20.0	ND	106	51-157		
Tert-amyl methyl ether	19.0	0.40	0.50	ug/L	20.0	ND	95.0	41-136		
Tert-butyl alcohol	357	6.0	10	ug/L	400	ND	89.2	38-175		
1,1,1,2-Tetrachloroethane	19.6	0.40	0.50	ug/L	20.0	ND	98.0	58-146		
1,1,2,2-Tetrachloroethane	20.4	0.30	0.50	ug/L	20.0	ND	102	73-127		
Tetrachloroethene	22.7	0.40	0.50	ug/L	20.0	ND	114	49-148		
Tetrahydrofuran	21.5	0.40	5.0	ug/L	20.0	ND	108	70-130		
Toluene	22.7	0.30	0.30	ug/L	20.0	ND	114	59-147		
1,2,3-Trichlorobenzene	21.6	0.50	0.50	ug/L	20.0	ND	108	50-161		
1,2,4-Trichlorobenzene	21.4	0.20	0.50	ug/L	20.0	ND	107	50-150		
1,1,1-Trichloroethane	21.8	0.40	0.50	ug/L	20.0	ND	109	38-164		
1,1,2-Trichloroethane	21.0	0.40	0.50	ug/L	20.0	ND	105	46-136		
Trichloroethene	21.9	0.40	0.50	ug/L	20.0	ND	109	58-140		
Trichlorofluoromethane	23.5	0.20	0.50	ug/L	20.0	ND	117	56-144		
1,2,3-Trichloropropane	20.8	0.40	0.50	ug/L	20.0	ND	104	61-139		
Trichlorotrifluoroethane	25.7	0.20	0.50	ug/L	20.0	ND	129	59-139		
1,2,4-Trimethylbenzene	20.9	0.40	0.50	ug/L	20.0	ND	105	58-152		
1,3,5-Trimethylbenzene	20.9	0.30	0.50	ug/L	20.0	ND	105	58-148		
Vinyl acetate	40.7	0.80	1.0	ug/L	40.0	ND	102	70-130		

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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 AA017	Reported: 05/08/20 16:57
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**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
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**Batch AD04729 - VOAs in Water GCMS**

<b>Matrix Spike (AD04729-MS1)</b>	<b>Source: 20D2646-01</b>			<b>Prepared: 04/28/20 Analyzed: 04/29/20</b>							
Vinyl chloride	20.1	0.40	0.50	ug/L	20.0	ND	100	53-160			
m,p-Xylene	43.8	0.50	0.50	ug/L	40.0	ND	110	53-147			
o-Xylene	21.7	0.40	0.50	ug/L	20.0	ND	108	55-148			
Xylenes (total)	65.5	0.50	0.50	ug/L	60.0	ND	109	49-153			
Surrogate: Bromofluorobenzene	27.3			ug/L	25.0		109	70-130			
Surrogate: Dibromofluoromethane	27.2			ug/L	25.0		109	70-130			
Surrogate: Toluene-d8	27.4			ug/L	25.0		109	70-130			

<b>Matrix Spike Dup (AD04729-MSD1)</b>	<b>Source: 20D2646-01</b>			<b>Prepared: 04/28/20 Analyzed: 04/29/20</b>							
Acetone	74.4	3.0	5.0	ug/L	80.0	ND	93.0	32-164	5.58	25	
Acetonitrile	2480	50	100	ug/L	2000	ND	124	70-130	8.97	25	
Allyl chloride	21.7	0.40	10	ug/L	20.0	ND	109	70-130	16.7	25	
Acrylonitrile	21.7	0.40	5.0	ug/L	20.0	ND	109	70-130	5.34	25	
Benzene	22.3	0.30	0.30	ug/L	20.0	ND	112	58-139	1.40	25	
Bromobenzene	21.0	0.40	0.50	ug/L	20.0	ND	105	63-143	1.24	25	
Bromochloromethane	23.4	0.40	0.50	ug/L	20.0	ND	117	60-141	1.38	25	
Bromodichloromethane	21.1	0.40	0.50	ug/L	20.0	ND	106	62-140	4.55	25	
Bromoform	21.2	0.30	0.50	ug/L	20.0	ND	106	47-165	3.07	25	
Bromomethane	20.5	0.40	0.50	ug/L	20.0	ND	102	30-163	3.45	25	
n-Butylbenzene	22.4	0.40	0.50	ug/L	20.0	ND	112	57-147	1.90	25	
sec-Butylbenzene	22.4	0.40	0.50	ug/L	20.0	ND	112	64-155	2.21	25	
tert-Butylbenzene	22.1	0.30	0.50	ug/L	20.0	ND	111	57-150	1.96	25	
Carbon disulfide	25.4	0.40	5.0	ug/L	20.0	ND	127	70-130	0.435	30	
Carbon tetrachloride	22.7	0.40	0.50	ug/L	20.0	ND	114	65-153	2.90	25	
Chlorobenzene	21.4	0.30	0.50	ug/L	20.0	ND	107	58-137	0.891	25	
Chloroethane	17.7	0.40	0.50	ug/L	20.0	ND	88.6	59-141	6.24	25	
2-Chloroethylvinyl ether	45.0	0.70	1.0	ug/L	40.0	ND	112	73-107	1.34	30	QM-05
Chloroform	22.4	0.40	0.50	ug/L	20.0	ND	112	36-151	1.67	25	
Chloromethane	19.0	0.40	0.50	ug/L	20.0	ND	95.0	69-149	0.528	25	
Chloroprene	22.7	0.40	1.0	ug/L	20.0	ND	114	70-130	0.486	25	
2-Chlorotoluene	21.8	0.40	0.50	ug/L	20.0	ND	109	54-150	2.61	25	
4-Chlorotoluene	20.8	0.30	0.50	ug/L	20.0	ND	104	59-140	0.918	25	
Dibromochloromethane	22.0	0.40	0.50	ug/L	20.0	ND	110	54-157	3.74	25	
1,2-Dibromo-3-chloropropane	20.5	0.60	2.0	ug/L	20.0	ND	103	54-137	1.32	25	
1,2-Dibromoethane (EDB)	20.7	0.40	0.50	ug/L	20.0	ND	104	40-147	2.24	25	
Dibromomethane	20.4	0.40	0.50	ug/L	20.0	ND	102	59-139	0.343	25	
1,2-Dichlorobenzene	21.1	0.40	0.50	ug/L	20.0	ND	105	39-145	0.666	25	

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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 AA017	Reported: 05/08/20 16:57
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**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
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**Batch AD04729 - VOAs in Water GCMS**

Matrix Spike Dup (AD04729-MSD1)	Source: 20D2646-01			Prepared: 04/28/20 Analyzed: 04/29/20							
1,3-Dichlorobenzene	20.6	0.40	0.50	ug/L	20.0	ND	103	54-137	1.56	25	
1,4-Dichlorobenzene	21.1	0.10	0.50	ug/L	20.0	ND	106	41-142	3.42	25	
trans-1,4-Dichloro-2-butene	21.6	0.50	5.0	ug/L	20.0	ND	108	70-130	0.324	25	
Dichlorodifluoromethane	29.8	0.40	0.50	ug/L	20.0	ND	149	39-162	6.51	25	
1,1-Dichloroethane	21.9	0.30	0.50	ug/L	20.0	ND	109	39-146	0.504	25	
1,2-Dichloroethane	19.3	0.40	0.50	ug/L	20.0	ND	96.4	58-133	0.0519	25	
1,1-Dichloroethene	21.6	0.30	0.50	ug/L	20.0	ND	108	70-154	1.51	25	
cis-1,2-Dichloroethene	21.7	0.40	0.50	ug/L	20.0	ND	109	66-141	1.67	25	
trans-1,2-Dichloroethene	22.4	0.40	0.50	ug/L	20.0	ND	112	59-151	1.12	25	
1,2-Dichloropropane	20.2	0.40	0.50	ug/L	20.0	ND	101	41-142	1.40	25	
1,3-Dichloropropane	21.7	0.40	0.50	ug/L	20.0	ND	109	62-139	0.367	25	
2,2-Dichloropropane	22.1	0.50	0.50	ug/L	20.0	ND	111	40-167	1.64	25	
1,1-Dichloropropene	24.9	0.40	0.50	ug/L	20.0	ND	124	58-148	1.58	25	
cis-1,3-Dichloropropene	20.4	0.40	0.50	ug/L	20.0	ND	102	50-140	2.73	25	
trans-1,3-Dichloropropene	20.5	0.40	0.50	ug/L	20.0	ND	102	40-144	4.29	25	
Diethyl ether	21.1	0.20	1.0	ug/L	20.0	ND	105	70-130	11.1	25	
Di-isopropyl ether	22.0	0.40	0.50	ug/L	20.0	ND	110	49-143	1.14	25	
Ethanol	1000	20	50	ug/L	980	ND	102	50-150	14.8	25	
Ethyl methacrylate	20.3	0.70	10	ug/L	20.0	ND	102	70-130	1.74	25	
Ethylbenzene	22.1	0.40	0.50	ug/L	20.0	ND	110	59-147	2.24	25	
Hexachloroethane	20.6	0.40	1.0	ug/L	20.0	ND	103	70-130	2.55	25	
Hexachlorobutadiene	23.4	0.50	0.50	ug/L	20.0	ND	117	56-149	2.25	25	
Ethyl tert-butyl ether	20.1	0.40	0.50	ug/L	20.0	ND	100	44-143	0.200	25	
2-Hexanone	20.4	0.50	5.0	ug/L	20.0	ND	102	70-130	4.61	30	
Isopropylbenzene	22.5	0.40	0.50	ug/L	20.0	ND	112	56-134	2.25	25	
Isobutanol	2210	40	100	ug/L	2000	ND	110	70-130	4.28	25	
p-Isopropyltoluene	22.1	0.40	0.50	ug/L	20.0	ND	110	54-148	2.06	25	
Methylene chloride	21.6	0.50	0.50	ug/L	20.0	0.600	105	43-143	0.232	25	
Methacrylonitrile	21.5	0.40	1.0	ug/L	20.0	ND	107	70-130	0.372	25	
Methyl ethyl ketone	39.2	0.70	1.0	ug/L	40.0	ND	98.1	62-126	0.837	25	
Methyl iodide	22.9	0.40	2.0	ug/L	20.0	ND	114	70-130	3.44	30	
Methyl isobutyl ketone	41.4	0.60	1.0	ug/L	40.0	ND	104	66-127	1.61	25	
Methyl methacrylate	25.6	0.40	1.0	ug/L	20.0	ND	128	70-130	0.893	25	
Propionitrile	1100	20	50	ug/L	1000	ND	110	70-130	0.0811	25	
Methyl tert-butyl ether	20.5	0.50	0.50	ug/L	20.0	ND	102	55-144	1.63	25	
Naphthalene	21.2	0.50	0.50	ug/L	20.0	ND	106	52-157	3.07	25	

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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 AA017	Reported: 05/08/20 16:57
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**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
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**Batch AD04729 - VOAs in Water GCMS**

Matrix Spike Dup (AD04729-MSD1)	Source: 20D2646-01			Prepared: 04/28/20		Analyzed: 04/29/20					
n-Propylbenzene	23.0	0.40	0.50	ug/L	20.0	ND	115	55-145	2.60	25	
Styrene	21.3	0.40	0.50	ug/L	20.0	ND	107	51-157	0.612	25	
Tert-amyl methyl ether	19.3	0.40	0.50	ug/L	20.0	ND	96.6	41-136	1.67	25	
Tert-butyl alcohol	360	6.0	10	ug/L	400	ND	90.0	38-175	0.862	25	
1,1,1,2-Tetrachloroethane	20.4	0.40	0.50	ug/L	20.0	ND	102	58-146	3.95	25	
1,1,2,2-Tetrachloroethane	20.4	0.30	0.50	ug/L	20.0	ND	102	73-127	0.245	25	
Tetrachloroethene	23.6	0.40	0.50	ug/L	20.0	ND	118	49-148	3.89	25	
Tetrahydrofuran	23.7	0.40	5.0	ug/L	20.0	ND	119	70-130	9.81	25	
Toluene	23.0	0.30	0.30	ug/L	20.0	ND	115	59-147	1.53	25	
1,2,4-Trichlorobenzene	22.0	0.20	0.50	ug/L	20.0	ND	110	50-150	2.81	25	
1,2,3-Trichlorobenzene	22.7	0.50	0.50	ug/L	20.0	ND	113	50-161	4.69	25	
1,1,1-Trichloroethane	22.2	0.40	0.50	ug/L	20.0	ND	111	38-164	2.00	25	
1,1,2-Trichloroethane	21.0	0.40	0.50	ug/L	20.0	ND	105	46-136	0.238	25	
Trichloroethene	22.1	0.40	0.50	ug/L	20.0	ND	111	58-140	1.09	25	
Trichlorofluoromethane	23.2	0.20	0.50	ug/L	20.0	ND	116	56-144	1.11	25	
1,2,3-Trichloropropane	21.1	0.40	0.50	ug/L	20.0	ND	106	61-139	1.34	25	
Trichlorotrifluoroethane	25.8	0.20	0.50	ug/L	20.0	ND	129	59-139	0.465	25	
1,2,4-Trimethylbenzene	21.3	0.40	0.50	ug/L	20.0	ND	106	58-152	1.71	25	
1,3,5-Trimethylbenzene	21.5	0.30	0.50	ug/L	20.0	ND	108	58-148	2.78	25	
Vinyl acetate	41.4	0.80	1.0	ug/L	40.0	ND	103	70-130	1.68	25	
Vinyl chloride	20.8	0.40	0.50	ug/L	20.0	ND	104	53-160	3.28	25	
m,p-Xylene	44.8	0.50	0.50	ug/L	40.0	ND	112	53-147	2.08	25	
o-Xylene	21.9	0.40	0.50	ug/L	20.0	ND	109	55-148	1.06	25	
Xylenes (total)	66.7	0.50	0.50	ug/L	60.0	ND	111	49-153	1.74	25	
Surrogate: Bromofluorobenzene	27.1			ug/L	25.0		108	70-130			
Surrogate: Dibromofluoromethane	27.3			ug/L	25.0		109	70-130			
Surrogate: Toluene-d8	26.9			ug/L	25.0		108	70-130			

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Sample Traps, LLC  
262 Rickenbacker Circle  
Livermore CA, 94551

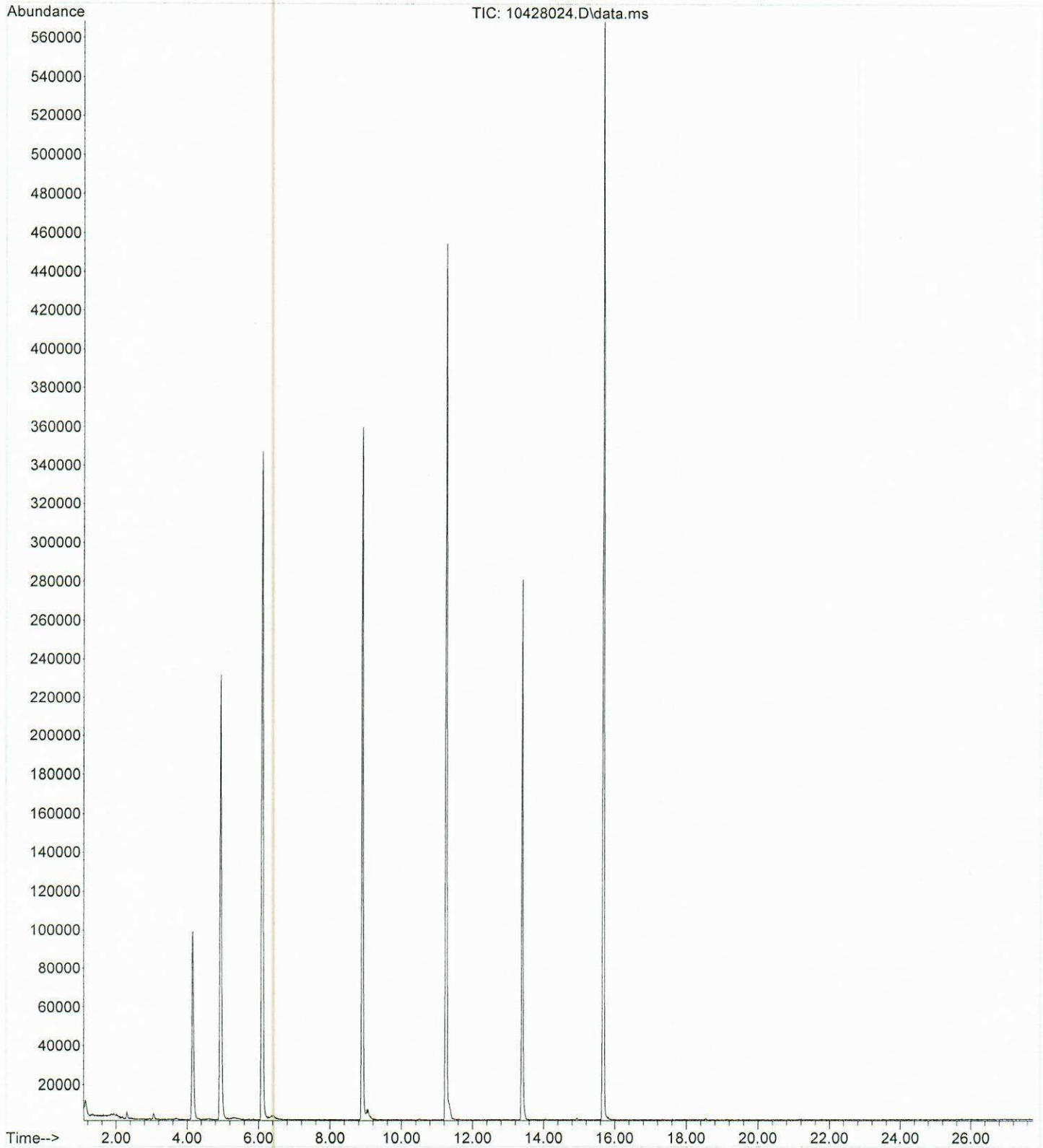
Project Manager: Quality Control Manager  
Project: QC- 40ml Clear VOA- HCl  
Project Number: Navy Silicone Batch Number AA017

Reported:  
05/08/20 16:57

### Notes and Definitions

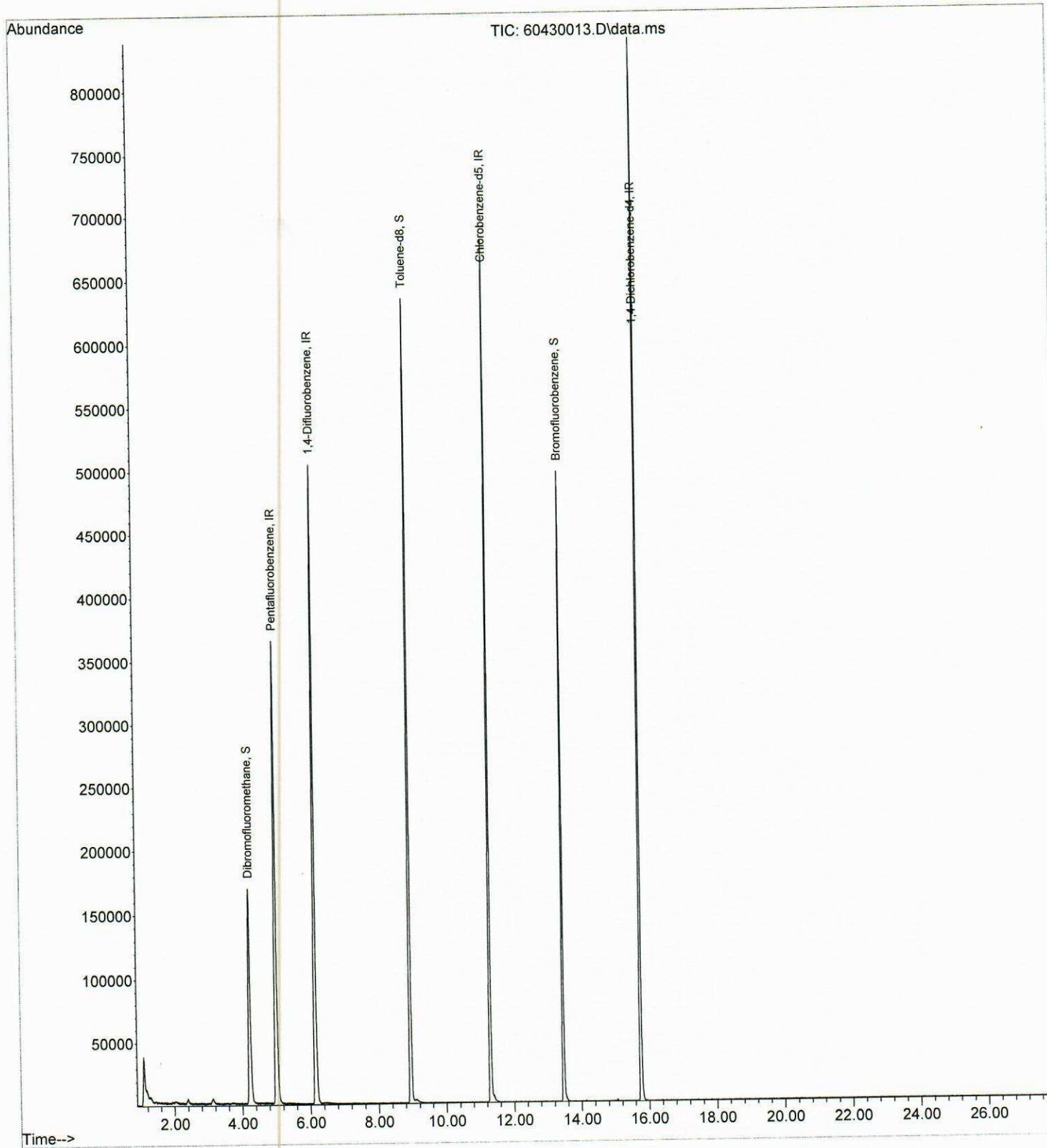
- J Detected but below the Reporting Limit; therefore, result is an estimated concentration, detected but not quantified (DNQ).
- QM-05 The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data is acceptable.
- 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

File :D:\Data\042820\10428024.D  
Operator : JV  
Acquired : 29 Apr 2020 10:02 am using AcqMethod MS1INS.M  
Instrument : GCMS1  
Sample Name: 20D2661-01  
Misc Info :  
Vial Number: 24



File : D:\MassHunter\GCMS\1\data\043020\60430013.D  
Operator : SFS  
Acquired : 30 Apr 2020 04:00 pm using AcqMethod MS6INS.M  
Instrument : GCMS6  
Sample Name: 20D2661-02  
Misc Info :  
Vial Number: 13

20D2661-02





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Service Center & Micro Lab: 262 Rickenbacker Circle, Livermore CA 94551  
925-828-6226 Fax: 925-828-6309

# Chain of Custody Record

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

Lab No. 2002661 Page      of     

Report to: Company: <b>Sample Traps LLC</b> Attn: <b>Quality Control Manager</b> Address: Phone/Fax: Email Address: <b>admin@sampletraps.com</b>		Invoice to (if different): Company: Attn: Address: Phone/Fax: Email Address:		Project Info for Report: Project ID: <b>QC- 40ml Clear VOA Vial (HCL)</b> Project No: <b>Navy Silicone Batch Number AA017</b> PO/Reference :		Signature below authorizes work under terms stated on reverse side.																	
Samplers Signature:  Print:		Container: 40ml VOA Poly Glass bottle Glass Jar		Preservative: HCL Methanol Na Bisulfate Other None		Matrix: Water Container		Total Number of Containers: 8260 Sample Traps 524,2 Sample Traps i-flags include chromatograph with report		Analyses Requested										TAT 10 days <input type="radio"/> <b>RUSH:</b> 5 days <input type="radio"/> 48 hours <input type="radio"/> Other: <input type="radio"/> days <input type="radio"/>	Lab Approval Required For Rush TATs	Sample Notes (lab use only) Temperature:  deg. C Shipment Method:  Custody Seals: Y / N	
										Sample Notes or CDPH Source Numbers:													
<b>Sample Identification</b>		Sampled: Date    Time																					
B0055CVBS - 01				x		x		x		2		x		x		x							
B0055CVBS - 02				x		x		x		2		x											
please use Ukiah reagent water for the analysis																							
Relinquished by:		Received by:		Date:		Time:		CDPH Write On EDT Transmission? <input type="radio"/> Yes <input type="radio"/> No															
<u>Via BAL</u>		<u>[Signature]</u>		<u>4-23-20</u>		<u>0800</u>		State System Number: _____ If "Y" please enter the Source Number(s) in the column above															
								CA Geotracker EDF Report? <input type="radio"/> Yes <input type="radio"/> No															
								Global ID: _____ Sampling Company Log Code: _____ EDF to (Email Address): _____ Travel and Site Time: _____ Mileage: _____ Misc. Supplies: _____															