



*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

28 March 2022

Sample Traps, LLC

Attn: Quality Control Manager

262 Rickenbacker Circle

Livermore, CA 94551

RE: QC- 950cc Widemouth Amber Packer

Work Order: 22C1195

Enclosed are the results of analyses for samples received by the laboratory on 03/08/22 08:00. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Jeanette L. Poplin For 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- 950cc Widemouth Amber Packer  
Project Number: Lot Number T2062CUFS

Reported:  
03/28/22 09:12

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
T2062CUFS - 01	22C1195-01	Water	03/08/22 00:00	03/08/22 08:00
T2062CUFS - 02	22C1195-02	Water	03/08/22 00:00	03/08/22 08:00
T2062CUFS - 03	22C1195-03	Water	03/08/22 00:00	03/08/22 08:00
T2062CUFS - 04	22C1195-04	Water	03/08/22 00:00	03/08/22 08:00
T2062CUFS - 05	22C1195-05	Water	03/08/22 00:00	03/08/22 08:00



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Sample Traps, LLC 262 Rickenbacker Circle Livermore CA, 94551	Project Manager: Quality Control Manager Project: QC- 950cc Widemouth Amber Packer Project Number: Lot Number T2062CUFS	Reported: 03/28/22 09:12
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### Organochlorine Pesticides and PCBs by EPA Method 608.3

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Analyst	ELAP#	Notes
<b>T2062CUFS - 01 (22C1195-01) Water</b> <b>Sampled: 03/08/22 00:00</b> <b>Received: 03/08/22 08:00</b>												
Aldrin	ND	0.0020	0.0050	ug/L	1	AC23716	03/14/22 07:00	03/22/22 20:42	EPA 608.3	MCB	1551	U
alpha-BHC	ND	0.0040	0.010	ug/L	1	AC23716	03/14/22 07:00	03/22/22 20:42	EPA 608.3	MCB	1551	U
beta-BHC	ND	0.0040	0.0050	ug/L	1	AC23716	03/14/22 07:00	03/22/22 20:42	EPA 608.3	MCB	1551	U
delta-BHC	ND	0.0020	0.0050	ug/L	1	AC23716	03/14/22 07:00	03/22/22 20:42	EPA 608.3	MCB	1551	U
gamma-BHC (Lindane)	ND	0.0040	0.010	ug/L	1	AC23716	03/14/22 07:00	03/22/22 20:42	EPA 608.3	MCB	1551	U
Chlordane (tech)	ND	0.010	0.050	ug/L	1	AC23716	03/14/22 07:00	03/22/22 20:42	EPA 608.3	MCB	1551	U
4,4'-DDD	ND	0.0050	0.020	ug/L	1	AC23716	03/14/22 07:00	03/22/22 20:42	EPA 608.3	MCB	1551	U
4,4'-DDE	ND	0.0040	0.020	ug/L	1	AC23716	03/14/22 07:00	03/22/22 20:42	EPA 608.3	MCB	1551	U
4,4'-DDT	ND	0.0030	0.010	ug/L	1	AC23716	03/14/22 07:00	03/22/22 20:42	EPA 608.3	MCB	1551	U
Dieldrin	ND	0.0050	0.010	ug/L	1	AC23716	03/14/22 07:00	03/22/22 20:42	EPA 608.3	MCB	1551	U
Endosulfan I	ND	0.0040	0.010	ug/L	1	AC23716	03/14/22 07:00	03/22/22 20:42	EPA 608.3	MCB	1551	U
Endosulfan II	ND	0.0050	0.010	ug/L	1	AC23716	03/14/22 07:00	03/22/22 20:42	EPA 608.3	MCB	1551	U
Endosulfan sulfate	ND	0.0030	0.050	ug/L	1	AC23716	03/14/22 07:00	03/22/22 20:42	EPA 608.3	MCB	1551	U
Endrin	ND	0.0080	0.010	ug/L	1	AC23716	03/14/22 07:00	03/22/22 20:42	EPA 608.3	MCB	1551	U
Endrin aldehyde	ND	0.0040	0.040	ug/L	1	AC23716	03/14/22 07:00	03/22/22 20:42	EPA 608.3	MCB	1551	U
Heptachlor	ND	0.0050	0.010	ug/L	1	AC23716	03/14/22 07:00	03/22/22 20:42	EPA 608.3	MCB	1551	U
Heptachlor epoxide	ND	0.0090	0.010	ug/L	1	AC23716	03/14/22 07:00	03/22/22 20:42	EPA 608.3	MCB	1551	U
Methoxychlor	ND	0.010	0.50	ug/L	1	AC23716	03/14/22 07:00	03/22/22 20:42	EPA 608.3	MCB	1551	U
Toxaphene	ND	0.20	0.50	ug/L	1	AC23716	03/14/22 07:00	03/22/22 20:42	EPA 608.3	MCB	1551	U
PCB-1016	ND	0.080	0.50	ug/L	1	AC23716	03/14/22 07:00	03/22/22 20:42	EPA 608.3	MCB	1551	U
PCB-1221	ND	0.20	0.50	ug/L	1	AC23716	03/14/22 07:00	03/22/22 20:42	EPA 608.3	MCB	1551	U
PCB-1232	ND	0.10	0.50	ug/L	1	AC23716	03/14/22 07:00	03/22/22 20:42	EPA 608.3	MCB	1551	U
PCB-1242	ND	0.040	0.50	ug/L	1	AC23716	03/14/22 07:00	03/22/22 20:42	EPA 608.3	MCB	1551	U
PCB-1248	ND	0.060	0.50	ug/L	1	AC23716	03/14/22 07:00	03/22/22 20:42	EPA 608.3	MCB	1551	U
PCB-1254	ND	0.040	0.50	ug/L	1	AC23716	03/14/22 07:00	03/22/22 20:42	EPA 608.3	MCB	1551	U
PCB-1260	ND	0.040	0.50	ug/L	1	AC23716	03/14/22 07:00	03/22/22 20:42	EPA 608.3	MCB	1551	U
Surrogate: Dibutylchlorodate		61.9 %	10-147			AC23716	03/14/22 07:00	03/22/22 20:42	EPA 608.3	MCB	1551	



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Sample Traps, LLC  
 262 Rickenbacker Circle  
 Livermore CA, 94551

Project Manager: Quality Control Manager  
 Project: QC- 950cc Widemouth Amber Packer  
 Project Number: Lot Number T2062CUFS

Reported:  
 03/28/22 09:12

**Chlorinated Herbicides by EPA Method 8151A**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Analyst	ELAP#	Notes
<b>T2062CUFS - 03 (22C1195-03) Water</b> <b>Sampled: 03/08/22 00:00</b> <b>Received: 03/08/22 08:00</b>												
2,4-D	ND	1.0	1.0	ug/L	1	AC23799	03/14/22 12:00	03/15/22 23:55	EPA 8151A	MCB	1551	U
2,4-DB	ND	1.0	4.0	ug/L	1	AC23799	03/14/22 12:00	03/15/22 23:55	EPA 8151A	MCB	1551	U
2,4,5-T	ND	0.20	0.50	ug/L	1	AC23799	03/14/22 12:00	03/15/22 23:55	EPA 8151A	MCB	1551	U
2,4,5-TP (Silvex)	ND	0.20	0.50	ug/L	1	AC23799	03/14/22 12:00	03/15/22 23:55	EPA 8151A	MCB	1551	U
Dalapon	ND	2.0	6.0	ug/L	1	AC23799	03/14/22 12:00	03/15/22 23:55	EPA 8151A	MCB	1551	U
Dicamba	ND	0.10	0.40	ug/L	1	AC23799	03/14/22 12:00	03/15/22 23:55	EPA 8151A	MCB	1551	U
Dinoseb	ND	0.20	1.0	ug/L	1	AC23799	03/14/22 12:00	03/15/22 23:55	EPA 8151A	MCB	1551	U
Dichlorprop	ND	0.40	1.0	ug/L	1	AC23799	03/14/22 12:00	03/15/22 23:55	EPA 8151A	MCB	1551	U
Pentachlorophenol	ND	0.20	0.20	ug/L	1	AC23799	03/14/22 12:00	03/15/22 23:55	EPA 8151A	MCB	1551	U
Surrogate: DCAA			101 %	62-124		AC23799	03/14/22 12:00	03/15/22 23:55	EPA 8151A	MCB	1551	



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Sample Traps, LLC 262 Rickenbacker Circle Livermore CA, 94551	Project Manager: Quality Control Manager Project: QC- 950cc Widemouth Amber Packer Project Number: Lot Number T2062CUFS	Reported: 03/28/22 09:12
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### Organophosphorus Compounds by EPA Method 8141A

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Analyst	ELAP#	Notes
<b>T2062CUFS - 02 (22C1195-02) Water</b> <b>Sampled: 03/08/22 00:00</b> <b>Received: 03/08/22 08:00</b>												
Azinphos ethyl	ND	1.0	2.0	ug/L	1	AC23825	03/15/22 00:00	03/22/22 04:18	EPA 8141A	MCB	1551	U
Azinphos methyl	ND	0.40	2.0	ug/L	1	AC23825	03/15/22 00:00	03/22/22 04:18	EPA 8141A	MCB	1551	U
Bolstar	ND	0.30	2.0	ug/L	1	AC23825	03/15/22 00:00	03/22/22 04:18	EPA 8141A	MCB	1551	U
Chlorpyrifos	ND	0.70	1.0	ug/L	1	AC23825	03/15/22 00:00	03/22/22 04:18	EPA 8141A	MCB	1551	U
Coumaphos	ND	0.80	2.0	ug/L	1	AC23825	03/15/22 00:00	03/22/22 04:18	EPA 8141A	MCB	1551	U
Demeton-o	ND	0.20	2.0	ug/L	1	AC23825	03/15/22 00:00	03/22/22 04:18	EPA 8141A	MCB	1551	U
Demeton-s	ND	0.30	2.0	ug/L	1	AC23825	03/15/22 00:00	03/22/22 04:18	EPA 8141A	MCB	1551	U
Diazinon	ND	0.30	0.50	ug/L	1	AC23825	03/15/22 00:00	03/22/22 04:18	EPA 8141A	MCB	1551	U
Dichlorvos	ND	0.40	2.0	ug/L	1	AC23825	03/15/22 00:00	03/22/22 04:18	EPA 8141A	MCB	1551	U
Dimethoate	ND	1.0	2.0	ug/L	1	AC23825	03/15/22 00:00	03/22/22 04:18	EPA 8141A	MCB	1551	U
Disulfoton	ND	0.30	2.0	ug/L	1	AC23825	03/15/22 00:00	03/22/22 04:18	EPA 8141A	MCB	1551	U
EPN	ND	0.50	2.0	ug/L	1	AC23825	03/15/22 00:00	03/22/22 04:18	EPA 8141A	MCB	1551	U
Ethion	ND	0.80	2.0	ug/L	1	AC23825	03/15/22 00:00	03/22/22 04:18	EPA 8141A	MCB	1551	U
Ethoprop (Ethoprophos)	ND	0.40	2.0	ug/L	1	AC23825	03/15/22 00:00	03/22/22 04:18	EPA 8141A	MCB	1551	U
Fensulfothion	ND	0.80	2.0	ug/L	1	AC23825	03/15/22 00:00	03/22/22 04:18	EPA 8141A	MCB	1551	U
Fenthion	ND	0.50	2.0	ug/L	1	AC23825	03/15/22 00:00	03/22/22 04:18	EPA 8141A	MCB	1551	U
Malathion	ND	0.80	2.0	ug/L	1	AC23825	03/15/22 00:00	03/22/22 04:18	EPA 8141A	MCB	1551	U
Mevinphos	ND	0.80	2.0	ug/L	1	AC23825	03/15/22 00:00	03/22/22 04:18	EPA 8141A	MCB	1551	U
Parathion	ND	0.90	2.0	ug/L	1	AC23825	03/15/22 00:00	03/22/22 04:18	EPA 8141A	MCB	1551	U
Parathion-methyl	ND	0.40	2.0	ug/L	1	AC23825	03/15/22 00:00	03/22/22 04:18	EPA 8141A	MCB	1551	U
Phorate	ND	0.40	2.0	ug/L	1	AC23825	03/15/22 00:00	03/22/22 04:18	EPA 8141A	MCB	1551	U
Ronnel	ND	0.30	2.0	ug/L	1	AC23825	03/15/22 00:00	03/22/22 04:18	EPA 8141A	MCB	1551	U
Stirofos	ND	0.30	2.0	ug/L	1	AC23825	03/15/22 00:00	03/22/22 04:18	EPA 8141A	MCB	1551	U
Thionazin	ND	1.0	2.0	ug/L	1	AC23825	03/15/22 00:00	03/22/22 04:18	EPA 8141A	MCB	1551	U
Tokuthion (Prothiofos)	ND	0.40	2.0	ug/L	1	AC23825	03/15/22 00:00	03/22/22 04:18	EPA 8141A	MCB	1551	U
Trichloronate	ND	0.40	2.0	ug/L	1	AC23825	03/15/22 00:00	03/22/22 04:18	EPA 8141A	MCB	1551	U
Surrogate: Tributyl phosphate		81.5 %		37-115		AC23825	03/15/22 00:00	03/22/22 04:18	EPA 8141A	MCB	1551	
Surrogate: Triphenyl phosphate		90.8 %		44-145		AC23825	03/15/22 00:00	03/22/22 04:18	EPA 8141A	MCB	1551	



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Sample Traps, LLC  
 262 Rickenbacker Circle  
 Livermore CA, 94551

Project Manager: Quality Control Manager  
 Project: QC- 950cc Widemouth Amber Packer  
 Project Number: Lot Number T2062CUFS

Reported:  
 03/28/22 09:12

**Semivolatile Organic Compounds by EPA Method 8270C**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Analyst	ELAP#	Notes
<b>T2062CUFS - 04 (22C1195-04) Water Sampled: 03/08/22 00:00 Received: 03/08/22 08:00</b>												
Acenaphthene	ND	1.0	10	ug/L	1	AC23827	03/15/22 06:00	03/21/22 22:30	EPA 8270C	JV	1551	U
Acenaphthylene	ND	1.0	10	ug/L	1	AC23827	03/15/22 06:00	03/21/22 22:30	EPA 8270C	JV	1551	U
Anthracene	ND	0.40	10	ug/L	1	AC23827	03/15/22 06:00	03/21/22 22:30	EPA 8270C	JV	1551	U
Benzo (a) anthracene	ND	0.90	10	ug/L	1	AC23827	03/15/22 06:00	03/21/22 22:30	EPA 8270C	JV	1551	U
Benzo (a) pyrene	ND	0.50	10	ug/L	1	AC23827	03/15/22 06:00	03/21/22 22:30	EPA 8270C	JV	1551	U
Benzo (b) fluoranthene	ND	0.60	10	ug/L	1	AC23827	03/15/22 06:00	03/21/22 22:30	EPA 8270C	JV	1551	U
Benzo (g,h,i) perylene	ND	0.90	10	ug/L	1	AC23827	03/15/22 06:00	03/21/22 22:30	EPA 8270C	JV	1551	U
Benzo (k) fluoranthene	ND	0.50	10	ug/L	1	AC23827	03/15/22 06:00	03/21/22 22:30	EPA 8270C	JV	1551	U
Benzoic acid	ND	30	50	ug/L	1	AC23827	03/15/22 06:00	03/21/22 22:30	EPA 8270C	JV	1551	U
Benzyl alcohol	ND	3.0	20	ug/L	1	AC23827	03/15/22 06:00	03/21/22 22:30	EPA 8270C	JV	1551	U
Bis(2-chloroethoxy)methane	ND	0.90	10	ug/L	1	AC23827	03/15/22 06:00	03/21/22 22:30	EPA 8270C	JV	1551	U
Bis(2-chloroethyl)ether	ND	0.90	10	ug/L	1	AC23827	03/15/22 06:00	03/21/22 22:30	EPA 8270C	JV	1551	U
Bis(2-chloroisopropyl)ether	ND	1.0	10	ug/L	1	AC23827	03/15/22 06:00	03/21/22 22:30	EPA 8270C	JV	1551	U
Bis(2-ethylhexyl)phthalate	ND	3.0	10	ug/L	1	AC23827	03/15/22 06:00	03/21/22 22:30	EPA 8270C	JV	1551	U
4-Bromophenyl phenyl ether	ND	1.0	10	ug/L	1	AC23827	03/15/22 06:00	03/21/22 22:30	EPA 8270C	JV	1551	U
Butyl benzyl phthalate	ND	3.0	10	ug/L	1	AC23827	03/15/22 06:00	03/21/22 22:30	EPA 8270C	JV	1551	U
4-Chloro-3-methylphenol	ND	1.0	10	ug/L	1	AC23827	03/15/22 06:00	03/21/22 22:30	EPA 8270C	JV	1551	U
2-Chloronaphthalene	ND	1.0	10	ug/L	1	AC23827	03/15/22 06:00	03/21/22 22:30	EPA 8270C	JV	1551	U
2-Chlorophenol	ND	0.70	10	ug/L	1	AC23827	03/15/22 06:00	03/21/22 22:30	EPA 8270C	JV	1551	U
4-Chlorophenyl phenyl ether	ND	0.90	10	ug/L	1	AC23827	03/15/22 06:00	03/21/22 22:30	EPA 8270C	JV	1551	U
Chrysene	ND	0.80	10	ug/L	1	AC23827	03/15/22 06:00	03/21/22 22:30	EPA 8270C	JV	1551	U
Di-n-butyl phthalate	ND	6.0	10	ug/L	1	AC23827	03/15/22 06:00	03/21/22 22:30	EPA 8270C	JV	1551	U
Di-n-octyl phthalate	ND	2.0	10	ug/L	1	AC23827	03/15/22 06:00	03/21/22 22:30	EPA 8270C	JV	1551	U
Dibenz (a,h) anthracene	ND	0.80	10	ug/L	1	AC23827	03/15/22 06:00	03/21/22 22:30	EPA 8270C	JV	1551	U
Dibenzofuran	ND	0.90	10	ug/L	1	AC23827	03/15/22 06:00	03/21/22 22:30	EPA 8270C	JV	1551	U
1,2-Dichlorobenzene	ND	0.60	10	ug/L	1	AC23827	03/15/22 06:00	03/21/22 22:30	EPA 8270C	JV	1551	U
1,3-Dichlorobenzene	ND	0.60	10	ug/L	1	AC23827	03/15/22 06:00	03/21/22 22:30	EPA 8270C	JV	1551	U
1,4-Dichlorobenzene	ND	0.60	10	ug/L	1	AC23827	03/15/22 06:00	03/21/22 22:30	EPA 8270C	JV	1551	U
2,4-Dichlorophenol	ND	0.70	10	ug/L	1	AC23827	03/15/22 06:00	03/21/22 22:30	EPA 8270C	JV	1551	U
Diethyl phthalate	ND	1.0	10	ug/L	1	AC23827	03/15/22 06:00	03/21/22 22:30	EPA 8270C	JV	1551	U
Dimethyl phthalate	ND	2.0	10	ug/L	1	AC23827	03/15/22 06:00	03/21/22 22:30	EPA 8270C	JV	1551	U
2,4-Dimethylphenol	ND	1.0	10	ug/L	1	AC23827	03/15/22 06:00	03/21/22 22:30	EPA 8270C	JV	1551	U
4,6-Dinitro-2-methylphenol	ND	3.0	50	ug/L	1	AC23827	03/15/22 06:00	03/21/22 22:30	EPA 8270C	JV	1551	U
2,4-Dinitrophenol	ND	5.0	50	ug/L	1	AC23827	03/15/22 06:00	03/21/22 22:30	EPA 8270C	JV	1551	U
2,4-Dinitrotoluene	ND	0.80	10	ug/L	1	AC23827	03/15/22 06:00	03/21/22 22:30	EPA 8270C	JV	1551	U
2,6-Dinitrotoluene	ND	0.80	10	ug/L	1	AC23827	03/15/22 06:00	03/21/22 22:30	EPA 8270C	JV	1551	U
1,2-Diphenylhydrazine	ND	0.60	10	ug/L	1	AC23827	03/15/22 06:00	03/21/22 22:30	EPA 8270C	JV	1551	U

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



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Sample Traps, LLC 262 Rickenbacker Circle Livermore CA, 94551	Project Manager: Quality Control Manager Project: QC- 950cc Widemouth Amber Packer Project Number: Lot Number T2062CUFS	Reported: 03/28/22 09:12
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### Semivolatile Organic Compounds by EPA Method 8270C

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Analyst	ELAP #	Notes
<b>T2062CUFS - 04 (22C1195-04) Water</b> <b>Sampled: 03/08/22 00:00</b> <b>Received: 03/08/22 08:00</b>												
Fluoranthene	ND	0.80	10	ug/L	1	AC23827	03/15/22 06:00	03/21/22 22:30	EPA 8270C	JV	1551	U
Fluorene	ND	0.80	10	ug/L	1	AC23827	03/15/22 06:00	03/21/22 22:30	EPA 8270C	JV	1551	U
Hexachlorobenzene	ND	0.90	10	ug/L	1	AC23827	03/15/22 06:00	03/21/22 22:30	EPA 8270C	JV	1551	U
Hexachlorobutadiene	ND	0.80	10	ug/L	1	AC23827	03/15/22 06:00	03/21/22 22:30	EPA 8270C	JV	1551	U
Hexachlorocyclopentadiene	ND	2.0	15	ug/L	1	AC23827	03/15/22 06:00	03/21/22 22:30	EPA 8270C	JV	1551	U
Hexachloroethane	ND	0.60	10	ug/L	1	AC23827	03/15/22 06:00	03/21/22 22:30	EPA 8270C	JV	1551	U
Indeno (1,2,3-cd) pyrene	ND	0.60	10	ug/L	1	AC23827	03/15/22 06:00	03/21/22 22:30	EPA 8270C	JV	1551	U
Isophorone	ND	0.90	10	ug/L	1	AC23827	03/15/22 06:00	03/21/22 22:30	EPA 8270C	JV	1551	U
2-Methylnaphthalene	ND	1.0	10	ug/L	1	AC23827	03/15/22 06:00	03/21/22 22:30	EPA 8270C	JV	1551	U
2-Methylphenol (o-cresol)	ND	0.60	10	ug/L	1	AC23827	03/15/22 06:00	03/21/22 22:30	EPA 8270C	JV	1551	U
3 & 4-Methylphenol (m & p-cresol)	ND	0.60	10	ug/L	1	AC23827	03/15/22 06:00	03/21/22 22:30	EPA 8270C	JV	1551	U
N-Nitrosodi-n-propylamine	ND	0.80	10	ug/L	1	AC23827	03/15/22 06:00	03/21/22 22:30	EPA 8270C	JV	1551	U
N-Nitrosodimethylamine	ND	0.70	5.0	ug/L	1	AC23827	03/15/22 06:00	03/21/22 22:30	EPA 8270C	JV	1551	U
N-Nitrosodiphenylamine	ND	1.0	10	ug/L	1	AC23827	03/15/22 06:00	03/21/22 22:30	EPA 8270C	JV	1551	U
Naphthalene	ND	0.70	10	ug/L	1	AC23827	03/15/22 06:00	03/21/22 22:30	EPA 8270C	JV	1551	U
2-Nitroaniline	ND	7.0	50	ug/L	1	AC23827	03/15/22 06:00	03/21/22 22:30	EPA 8270C	JV	1551	U
3-Nitroaniline	ND	12	50	ug/L	1	AC23827	03/15/22 06:00	03/21/22 22:30	EPA 8270C	JV	1551	U
4-Nitroaniline	ND	10	50	ug/L	1	AC23827	03/15/22 06:00	03/21/22 22:30	EPA 8270C	JV	1551	U
Nitrobenzene	ND	0.90	10	ug/L	1	AC23827	03/15/22 06:00	03/21/22 22:30	EPA 8270C	JV	1551	U
2-Nitrophenol	ND	3.0	10	ug/L	1	AC23827	03/15/22 06:00	03/21/22 22:30	EPA 8270C	JV	1551	U
4-Nitrophenol	ND	3.0	50	ug/L	1	AC23827	03/15/22 06:00	03/21/22 22:30	EPA 8270C	JV	1551	U
Pentachlorophenol	ND	4.0	50	ug/L	1	AC23827	03/15/22 06:00	03/21/22 22:30	EPA 8270C	JV	1551	U
Phenanthrene	ND	0.90	10	ug/L	1	AC23827	03/15/22 06:00	03/21/22 22:30	EPA 8270C	JV	1551	U
Phenol	ND	0.50	10	ug/L	1	AC23827	03/15/22 06:00	03/21/22 22:30	EPA 8270C	JV	1551	U
Pyrene	ND	1.0	10	ug/L	1	AC23827	03/15/22 06:00	03/21/22 22:30	EPA 8270C	JV	1551	U
1,2,4-Trichlorobenzene	ND	0.60	10	ug/L	1	AC23827	03/15/22 06:00	03/21/22 22:30	EPA 8270C	JV	1551	U
2,4,5-Trichlorophenol	ND	2.0	10	ug/L	1	AC23827	03/15/22 06:00	03/21/22 22:30	EPA 8270C	JV	1551	U
2,4,6-Trichlorophenol	ND	0.70	10	ug/L	1	AC23827	03/15/22 06:00	03/21/22 22:30	EPA 8270C	JV	1551	U
<i>Surrogate: 2-Fluorobiphenyl</i>		86.4 %	27-119			AC23827	03/15/22 06:00	03/21/22 22:30	EPA 8270C	JV	1551	
<i>Surrogate: 2-Fluorophenol</i>		33.4 %	7-85			AC23827	03/15/22 06:00	03/21/22 22:30	EPA 8270C	JV	1551	
<i>Surrogate: Nitrobenzene-d5</i>		79.0 %	15-314			AC23827	03/15/22 06:00	03/21/22 22:30	EPA 8270C	JV	1551	
<i>Surrogate: p-Terphenyl-d14</i>		99.0 %	36-141			AC23827	03/15/22 06:00	03/21/22 22:30	EPA 8270C	JV	1551	
<i>Surrogate: Phenol-d6</i>		24.8 %	1-65			AC23827	03/15/22 06:00	03/21/22 22:30	EPA 8270C	JV	1551	
<i>Surrogate: 2,4,6-Tribromophenol</i>		80.4 %	4-168			AC23827	03/15/22 06:00	03/21/22 22:30	EPA 8270C	JV	1551	

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Sample Traps, LLC 262 Rickenbacker Circle Livermore CA, 94551	Project Manager: Quality Control Manager Project: QC- 950cc Widemouth Amber Packer Project Number: Lot Number T2062CUFS	Reported: 03/28/22 09:12
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**Benzidines by EPA Method 8270C**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Analyst	ELAP #	Notes
<b>T2062CUFS - 04 (22C1195-04) Water</b> <b>Sampled: 03/08/22 00:00</b> <b>Received: 03/08/22 08:00</b>												
Benzidine	ND	3.0	5.0	ug/L	1	AC23715	03/14/22 07:00	03/17/22 20:09	EPA 8270C	NBH	1551	U
3,3'-Dichlorobenzidine	ND	2.0	5.0	ug/L	1	AC23715	03/14/22 07:00	03/17/22 20:09	EPA 8270C	NBH	1551	U
<i>Surrogate: 2-Fluorobiphenyl</i>		53.8 %		27-119		AC23715	03/14/22 07:00	03/17/22 20:09	EPA 8270C	NBH	1551	
<i>Surrogate: Nitrobenzene-d5</i>		62.3 %		15-314		AC23715	03/14/22 07:00	03/17/22 20:09	EPA 8270C	NBH	1551	
<i>Surrogate: p-Terphenyl-d14</i>		36.1 %		36-141		AC23715	03/14/22 07:00	03/17/22 20:09	EPA 8270C	NBH	1551	





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Sample Traps, LLC  
 262 Rickenbacker Circle  
 Livermore CA, 94551

Project Manager: Quality Control Manager  
 Project: QC- 950cc Widemouth Amber Packer  
 Project Number: Lot Number T2062CUFS

Reported:  
 03/28/22 09:12

**Semivolatile Organic Compounds by EPA Method 8270C SIM**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Analyst	ELAP#	Notes
<b>T2062CUFS - 05 (22C1195-05) Water Sampled: 03/08/22 00:00 Received: 03/08/22 08:00</b>												
Acenaphthylene	ND	0.20	0.20	ug/L	1	AC24307	03/15/22 06:00	03/24/22 01:53	EPA 8270SIM	JV	1551	U
Anthracene	ND	0.090	0.20	ug/L	1	AC24307	03/15/22 06:00	03/24/22 01:53	EPA 8270SIM	JV	1551	U
Benzo (a) anthracene	ND	0.20	0.20	ug/L	1	AC24307	03/15/22 06:00	03/24/22 01:53	EPA 8270SIM	JV	1551	U
Benzo (a) pyrene	ND	0.20	0.20	ug/L	1	AC24307	03/15/22 06:00	03/24/22 01:53	EPA 8270SIM	JV	1551	U
Benzo (b) fluoranthene	ND	0.20	0.20	ug/L	1	AC24307	03/15/22 06:00	03/24/22 01:53	EPA 8270SIM	JV	1551	U
Benzo (g,h,i) perylene	ND	0.10	0.20	ug/L	1	AC24307	03/15/22 06:00	03/24/22 01:53	EPA 8270SIM	JV	1551	U
Benzo (k) fluoranthene	ND	0.20	0.20	ug/L	1	AC24307	03/15/22 06:00	03/24/22 01:53	EPA 8270SIM	JV	1551	U
Chrysene	ND	0.20	0.20	ug/L	1	AC24307	03/15/22 06:00	03/24/22 01:53	EPA 8270SIM	JV	1551	U
Dibenz (a,h) anthracene	ND	0.10	0.20	ug/L	1	AC24307	03/15/22 06:00	03/24/22 01:53	EPA 8270SIM	JV	1551	U
Fluorene	ND	0.20	0.20	ug/L	1	AC24307	03/15/22 06:00	03/24/22 01:53	EPA 8270SIM	JV	1551	U
Indeno (1,2,3-cd) pyrene	ND	0.030	0.20	ug/L	1	AC24307	03/15/22 06:00	03/24/22 01:53	EPA 8270SIM	JV	1551	U
Phenanthrene	ND	0.10	0.20	ug/L	1	AC24307	03/15/22 06:00	03/24/22 01:53	EPA 8270SIM	JV	1551	U
Pyrene	ND	0.20	0.20	ug/L	1	AC24307	03/15/22 06:00	03/24/22 01:53	EPA 8270SIM	JV	1551	U
Surrogate: 2-Fluorobiphenyl		74.8 %	24-119			AC24307	03/15/22 06:00	03/24/22 01:53	EPA 8270SIM	JV	1551	
Surrogate: Nitrobenzene-d5		161 %	15-314			AC24307	03/15/22 06:00	03/24/22 01:53	EPA 8270SIM	JV	1551	
Surrogate: p-Terphenyl-d14		95.4 %	37-139			AC24307	03/15/22 06:00	03/24/22 01:53	EPA 8270SIM	JV	1551	



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Sample Traps, LLC 262 Rickenbacker Circle Livermore CA, 94551	Project Manager: Quality Control Manager Project: QC- 950cc Widemouth Amber Packer Project Number: Lot Number T2062CUFS	Reported: 03/28/22 09:12
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**Organochlorine Pesticides and PCBs by EPA Method 608.3 - Quality Control**

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch AC23716 - SVOAs in Water GC**

**Blank (AC23716-BLK1)**

Prepared: 03/14/22 Analyzed: 03/22/22

Aldrin	ND	0.0020	0.0050	ug/L							U
alpha-BHC	ND	0.0040	0.010	ug/L							U
beta-BHC	ND	0.0040	0.0050	ug/L							U
delta-BHC	ND	0.0020	0.0050	ug/L							U
gamma-BHC (Lindane)	ND	0.0040	0.010	ug/L							U
Chlordane (tech)	ND	0.010	0.050	ug/L							U
4,4'-DDD	ND	0.0050	0.020	ug/L							U
4,4'-DDE	ND	0.0040	0.020	ug/L							U
4,4'-DDT	ND	0.0030	0.010	ug/L							U
Dieldrin	ND	0.0050	0.010	ug/L							U
Endosulfan I	ND	0.0040	0.010	ug/L							U
Endosulfan II	ND	0.0050	0.010	ug/L							U
Endosulfan sulfate	ND	0.0030	0.050	ug/L							U
Endrin	ND	0.0080	0.010	ug/L							U
Endrin aldehyde	ND	0.0040	0.040	ug/L							U
Heptachlor	ND	0.0050	0.010	ug/L							U
Heptachlor epoxide	ND	0.0090	0.010	ug/L							U
Methoxychlor	ND	0.010	0.50	ug/L							U
Toxaphene	ND	0.20	0.50	ug/L							U
PCB-1016	ND	0.080	0.50	ug/L							U
PCB-1221	ND	0.20	0.50	ug/L							U
PCB-1232	ND	0.10	0.50	ug/L							U
PCB-1242	ND	0.040	0.50	ug/L							U
PCB-1248	ND	0.060	0.50	ug/L							U
PCB-1254	ND	0.040	0.50	ug/L							U
PCB-1260	ND	0.040	0.50	ug/L							U
Surrogate: Dibutylchlorodate	0.321			ug/L	0.543		59.1	10-147			



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Sample Traps, LLC 262 Rickenbacker Circle Livermore CA, 94551	Project Manager: Quality Control Manager Project: QC- 950cc Widemouth Amber Packer Project Number: Lot Number T2062CUFS	Reported: 03/28/22 09:12
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**Organochlorine Pesticides and PCBs by EPA Method 608.3 - Quality Control**

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch AC23716 - SVOAs in Water GC**

**LCS (AC23716-BS1)**

Prepared: 03/14/22 Analyzed: 03/22/22

Aldrin	0.171	0.0020	0.0050	ug/L	0.240		71.1	42-140			
alpha-BHC	0.195	0.0040	0.010	ug/L	0.240		81.3	37-140			
beta-BHC	0.218	0.0040	0.0050	ug/L	0.240		91.0	17-147			
delta-BHC	0.255	0.0020	0.0050	ug/L	0.240		106	19-140			
gamma-BHC (Lindane)	0.215	0.0040	0.010	ug/L	0.240		89.5	32-140			
4,4'-DDE	0.197	0.0040	0.020	ug/L	0.240		81.9	30-145			
4,4'-DDT	0.216	0.0030	0.010	ug/L	0.240		90.1	31-141			
4,4'-DDD	0.180	0.0050	0.020	ug/L	0.240		75.0	25-160			
Dieldrin	0.214	0.0050	0.010	ug/L	0.240		89.2	36-146			
Endosulfan I	0.208	0.0040	0.010	ug/L	0.240		86.5	45-153			
Endosulfan II	0.205	0.0050	0.010	ug/L	0.240		85.3	0-202			
Endosulfan sulfate	0.294	0.0030	0.050	ug/L	0.240		122	26-144			
Endrin	0.245	0.0080	0.010	ug/L	0.240		102	30-147			
Endrin aldehyde	0.192	0.0040	0.040	ug/L	0.240		79.9	45-140			
Heptachlor	0.200	0.0050	0.010	ug/L	0.240		83.4	34-140			
Heptachlor epoxide	0.208	0.0090	0.010	ug/L	0.240		86.6	37-142			
Methoxychlor	0.215	0.010	0.50	ug/L	0.240		89.5	45-140			J
Surrogate: Dibutylchloroendate	0.309			ug/L	0.543		56.9	10-147			

**LCS (AC23716-BS2)**

Prepared: 03/14/22 Analyzed: 03/22/22

PCB-1016	1.58	0.080	0.50	ug/L	2.00		79.0	50-140			
PCB-1260	1.61	0.040	0.50	ug/L	2.00		80.5	8-140			

**Matrix Spike (AC23716-MS1)**

Source: 22C1331-02

Prepared: 03/14/22 Analyzed: 03/23/22

Aldrin	0.224	0.020	0.050	ug/L	0.240	ND	93.4	42-140			
alpha-BHC	0.221	0.040	0.10	ug/L	0.240	ND	91.9	37-140			
beta-BHC	0.186	0.040	0.050	ug/L	0.240	ND	77.5	17-147			
delta-BHC	0.220	0.020	0.050	ug/L	0.240	ND	91.7	19-140			
gamma-BHC (Lindane)	0.235	0.040	0.10	ug/L	0.240	ND	98.0	32-140			
4,4'-DDE	0.197	0.040	0.20	ug/L	0.240	ND	82.3	30-145			J
4,4'-DDD	0.201	0.050	0.20	ug/L	0.240	ND	83.7	31-141			
4,4'-DDT	0.204	0.030	0.10	ug/L	0.240	ND	84.9	25-160			
Dieldrin	0.216	0.050	0.10	ug/L	0.240	ND	90.1	36-146			
Endosulfan I	0.222	0.040	0.10	ug/L	0.240	ND	92.4	45-153			
Endosulfan II	0.219	0.050	0.10	ug/L	0.240	ND	91.3	2-202			
Endosulfan sulfate	0.211	0.030	0.50	ug/L	0.240	ND	88.1	26-144			J
Endrin	0.233	0.080	0.10	ug/L	0.240	ND	97.0	30-147			

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Sample Traps, LLC 262 Rickenbacker Circle Livermore CA, 94551	Project Manager: Quality Control Manager Project: QC- 950cc Widemouth Amber Packer Project Number: Lot Number T2062CUFS	Reported: 03/28/22 09:12
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**Organochlorine Pesticides and PCBs by EPA Method 608.3 - Quality Control**

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch AC23716 - SVOAs in Water GC**

Matrix Spike (AC23716-MS1)	Source: 22C1331-02			Prepared: 03/14/22 Analyzed: 03/23/22							
Endrin aldehyde	0.139	0.040	0.40	ug/L	0.240	ND	58.1	45-140			J
Heptachlor	0.259	0.050	0.10	ug/L	0.240	ND	108	34-140			
Heptachlor epoxide	0.239	0.090	0.10	ug/L	0.240	ND	99.6	37-142			
Methoxychlor	0.217	0.10	5.0	ug/L	0.240	ND	90.3	45-140			J
Surrogate: Dibutylchlorendate	0.255			ug/L	0.543		47.0	10-147			

Matrix Spike Dup (AC23716-MSD1)	Source: 22C1331-02			Prepared: 03/14/22 Analyzed: 03/23/22							
Aldrin	0.236	0.020	0.050	ug/L	0.240	ND	98.5	42-140	5.32	35	
alpha-BHC	0.233	0.040	0.10	ug/L	0.240	ND	97.1	37-140	5.53	36	
beta-BHC	0.187	0.040	0.050	ug/L	0.240	ND	78.0	17-147	0.705	44	
delta-BHC	0.246	0.020	0.050	ug/L	0.240	ND	102	19-140	11.1	52	
gamma-BHC (Lindane)	0.249	0.040	0.10	ug/L	0.240	ND	104	32-140	5.57	39	
4,4'-DDD	0.224	0.050	0.20	ug/L	0.240	ND	93.5	31-141	11.1	39	
4,4'-DDE	0.217	0.040	0.20	ug/L	0.240	ND	90.4	30-145	9.39	35	
4,4'-DDT	0.215	0.030	0.10	ug/L	0.240	ND	89.4	25-160	5.15	42	
Dieldrin	0.227	0.050	0.10	ug/L	0.240	ND	94.6	36-146	4.83	49	
Endosulfan I	0.237	0.040	0.10	ug/L	0.240	ND	98.6	45-153	6.48	28	
Endosulfan II	0.226	0.050	0.10	ug/L	0.240	ND	94.3	2-202	3.27	53	
Endosulfan sulfate	0.247	0.030	0.50	ug/L	0.240	ND	103	26-144	15.4	38	J
Endrin	0.255	0.080	0.10	ug/L	0.240	ND	106	30-147	9.17	48	
Endrin aldehyde	0.148	0.040	0.40	ug/L	0.240	ND	61.6	45-140	5.81	35	J
Heptachlor	0.282	0.050	0.10	ug/L	0.240	ND	118	34-140	8.66	43	
Heptachlor epoxide	0.247	0.090	0.10	ug/L	0.240	ND	103	37-142	3.05	36	
Methoxychlor	0.225	0.10	5.0	ug/L	0.240	ND	93.9	45-140	3.87	35	J
Surrogate: Dibutylchlorendate	0.306			ug/L	0.543		56.4	10-147			

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Sample Traps, LLC 262 Rickenbacker Circle Livermore CA, 94551	Project Manager: Quality Control Manager Project: QC- 950cc Widemouth Amber Packer Project Number: Lot Number T2062CUFS	Reported: 03/28/22 09:12
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**Chlorinated Herbicides by EPA Method 8151A - Quality Control**

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch AC23799 - Herbicides**

<b>Blank (AC23799-BLK1)</b>											
						Prepared: 03/14/22 Analyzed: 03/15/22					
2,4-D	ND	1.0	1.0	ug/L							U
2,4-DB	ND	1.0	4.0	ug/L							U
2,4,5-T	ND	0.20	0.50	ug/L							U
2,4,5-TP (Silvex)	ND	0.20	0.50	ug/L							U
Dalapon	ND	2.0	6.0	ug/L							U
Dicamba	ND	0.10	0.40	ug/L							U
Dinoseb	ND	0.20	1.0	ug/L							U
Dichlorprop	ND	0.40	1.0	ug/L							U
Pentachlorophenol	ND	0.20	0.20	ug/L							U
Surrogate: DCAA	11.3			ug/L	11.6		97.8	62-124			

<b>Calibration Check (AC23799-CCV1)</b>											
						Prepared: 03/14/22 Analyzed: 03/16/22					
2,4-D	9.54	1.0	1.0	ug/L	10.6		90.4	85-115			
2,4-DB	12.8	1.0	4.0	ug/L	14.1		91.2	85-115			
2,4,5-T	1.62	0.20	0.50	ug/L	1.76		92.1	85-115			
2,4,5-TP (Silvex)	1.55	0.20	0.50	ug/L	1.76		88.3	85-115			
Dalapon	22.5	2.0	6.0	ug/L	22.9		98.2	85-115			
Dicamba	1.61	0.10	0.40	ug/L	1.76		91.3	85-115			
Dinoseb	3.21	0.20	1.0	ug/L	3.52		91.1	85-115			
Dichlorprop	4.51	0.40	1.0	ug/L	5.28		85.4	85-115			
Pentachlorophenol	1.14	0.20	0.20	ug/L	1.32		86.6	85-115			
Surrogate: DCAA	19.3			ug/L	20.9		92.4	85-115			

<b>Matrix Spike (AC23799-MS1)</b>											
				<b>Source: 22C0060-02</b>		Prepared: 03/14/22 Analyzed: 03/16/22					
2,4-D	9.58	1.0	1.0	ug/L	10.6	ND	90.7	70-130			
2,4-DB	12.8	1.0	4.0	ug/L	14.1	ND	91.0	70-130			
2,4,5-T	1.62	0.20	0.50	ug/L	1.76	ND	92.1	70-130			
2,4,5-TP (Silvex)	1.51	0.20	0.50	ug/L	1.76	ND	86.0	70-130			
Dalapon	21.7	2.0	6.0	ug/L	22.9	ND	95.0	70-130			
Dicamba	1.61	0.10	0.40	ug/L	1.76	ND	91.5	70-130			
Dinoseb	3.32	0.20	1.0	ug/L	3.52	ND	94.4	70-130			
Dichlorprop	4.85	0.40	1.0	ug/L	5.28	ND	91.9	70-130			
Pentachlorophenol	1.18	0.20	0.20	ug/L	1.32	ND	89.5	70-130			
Surrogate: DCAA	11.4			ug/L	11.6		98.7	70-130			

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Sample Traps, LLC 262 Rickenbacker Circle Livermore CA, 94551	Project Manager: Quality Control Manager Project: QC- 950cc Widemouth Amber Packer Project Number: Lot Number T2062CUFS	Reported: 03/28/22 09:12
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**Chlorinated Herbicides by EPA Method 8151A - Quality Control**

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch AC23799 - Herbicides**

Reference (AC23799-SRM1)	Prepared: 03/14/22 Analyzed: 03/15/22										
2,4-D	2.20	1.0	1.0	ug/L	1.92		114	70-130			
2,4-DB	7.55	1.0	4.0	ug/L	7.68		98.3	70-130			
2,4,5-T	0.962	0.20	0.50	ug/L	0.960		100	70-130			
2,4,5-TP (Silvex)	0.908	0.20	0.50	ug/L	0.960		94.5	70-130			
Dalapon	12.5	2.0	6.0	ug/L	12.5		100	70-130			
Dicamba	0.962	0.10	0.40	ug/L	0.960		100	70-130			
Dinoseb	3.86	0.20	1.0	ug/L	3.91		98.6	70-130			
Dichlorprop	3.03	0.40	1.0	ug/L	2.88		105	70-130			
Pentachlorophenol	0.899	0.20	0.20	ug/L	0.960		93.6	70-130			
Surrogate: DCAA	11.5			ug/L	11.6		99.1	70-130			

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Sample Traps, LLC 262 Rickenbacker Circle Livermore CA, 94551	Project Manager: Quality Control Manager Project: QC- 950cc Widemouth Amber Packer Project Number: Lot Number T2062CUFS	Reported: 03/28/22 09:12
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**Organophosphorus Compounds by EPA Method 8141A - Quality Control**

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch AC23825 - SVOAs in Water GC**

**Blank (AC23825-BLK1)**

Prepared: 03/15/22 Analyzed: 03/21/22

Azinphos ethyl	ND	1.0	2.0	ug/L							U
Azinphos methyl	ND	0.40	2.0	ug/L							U
Bolstar	ND	0.30	2.0	ug/L							U
Chlorpyrifos	ND	0.70	1.0	ug/L							U
Coumaphos	ND	0.80	2.0	ug/L							U
Demeton-o	ND	0.20	2.0	ug/L							U
Demeton-s	ND	0.30	2.0	ug/L							U
Diazinon	ND	0.30	0.50	ug/L							U
Dichlorvos	ND	0.40	2.0	ug/L							U
Dimethoate	ND	1.0	2.0	ug/L							U
Disulfoton	ND	0.30	2.0	ug/L							U
EPN	ND	0.50	2.0	ug/L							U
Ethion	ND	0.80	2.0	ug/L							U
Ethoprop (Ethoprophos)	ND	0.40	2.0	ug/L							U
Fensulfothion	ND	0.80	2.0	ug/L							U
Fenthion	ND	0.50	2.0	ug/L							U
Malathion	ND	0.80	2.0	ug/L							U
Mevinphos	ND	0.80	2.0	ug/L							U
Parathion	ND	0.90	2.0	ug/L							U
Parathion-methyl	ND	0.40	2.0	ug/L							U
Phorate	ND	0.40	2.0	ug/L							U
Ronnel	ND	0.30	2.0	ug/L							U
Stirofos	ND	0.30	2.0	ug/L							U
Thionazin	ND	1.0	2.0	ug/L							U
Tokuthion (Prothiofos)	ND	0.40	2.0	ug/L							U
Trichloronate	ND	0.40	2.0	ug/L							U
Surrogate: Tributyl phosphate	1.65			ug/L	2.00		82.7	37-115			
Surrogate: Triphenyl phosphate	1.88			ug/L	2.00		94.2	44-145			

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Sample Traps, LLC 262 Rickenbacker Circle Livermore CA, 94551	Project Manager: Quality Control Manager Project: QC- 950cc Widemouth Amber Packer Project Number: Lot Number T2062CUFS	Reported: 03/28/22 09:12
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**Organophosphorus Compounds by EPA Method 8141A - Quality Control**

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch AC23825 - SVOAs in Water GC**

**LCS (AC23825-BS1)**

Prepared: 03/15/22 Analyzed: 03/22/22

Azinphos ethyl	1.93	1.0	2.0	ug/L	2.00		96.5	44-154			J
Azinphos methyl	2.18	0.40	2.0	ug/L	2.00		109	42-147			
Bolstar	1.95	0.30	2.0	ug/L	2.00		97.6	35-144			J
Chlorpyrifos	1.82	0.70	1.0	ug/L	2.00		90.9	50-134			
Coumaphos	2.03	0.80	2.0	ug/L	2.00		101	47-152			
Demeton-o	0.600	0.20	2.0	ug/L	0.750		80.0	18-128			J
Demeton-s	1.18	0.30	2.0	ug/L	1.25		94.1	43-125			J
Diazinon	1.57	0.30	0.50	ug/L	2.00		78.6	50-121			
Dichlorvos	2.20	0.40	2.0	ug/L	2.00		110	77-143			
Dimethoate	1.77	1.0	2.0	ug/L	2.00		88.7	37-133			J
Disulfoton	1.81	0.30	2.0	ug/L	2.00		90.3	50-119			J
EPN	1.99	0.50	2.0	ug/L	2.00		99.3	55-140			J
Ethion	1.88	0.80	2.0	ug/L	2.00		94.2	38-137			J
Ethoprop (Ethoprophos)	1.89	0.40	2.0	ug/L	2.00		94.4	67-130			J
Fensulfothion	2.06	0.80	2.0	ug/L	2.00		103	35-157			
Fenthion	1.82	0.50	2.0	ug/L	2.00		91.0	56-125			J
Malathion	2.03	0.80	2.0	ug/L	2.00		102	39-127			
Mevinphos	1.94	0.80	2.0	ug/L	2.00		97.2	58-125			J
Parathion	1.90	0.90	2.0	ug/L	2.00		94.8	33-137			J
Parathion-methyl	1.86	0.40	2.0	ug/L	2.00		92.9	52-134			J
Phorate	1.87	0.40	2.0	ug/L	2.00		93.3	58-119			J
Ronnel	1.86	0.30	2.0	ug/L	2.00		93.0	41-135			J
Stirofos	1.94	0.30	2.0	ug/L	2.00		97.2	34-151			J
Thionazin	1.82	1.0	2.0	ug/L	2.00		90.9	60-118			J
Tokuthion (Prothiofos)	1.80	0.40	2.0	ug/L	2.00		90.0	41-136			J
Trichloronate	1.73	0.40	2.0	ug/L	2.00		86.4	36-146			J
Surrogate: Tributyl phosphate	2.14			ug/L	2.00		107	37-115			
Surrogate: Triphenyl phosphate	2.13			ug/L	2.00		106	44-145			

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Sample Traps, LLC 262 Rickenbacker Circle Livermore CA, 94551	Project Manager: Quality Control Manager Project: QC- 950cc Widemouth Amber Packer Project Number: Lot Number T2062CUFS	Reported: 03/28/22 09:12
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**Organophosphorus Compounds by EPA Method 8141A - Quality Control**

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch AC23825 - SVOAs in Water GC**

**LCS Dup (AC23825-BSD1)**

Prepared: 03/15/22 Analyzed: 03/22/22

Azinphos ethyl	1.87	1.0	2.0	ug/L	2.00		93.7	44-154	2.94	30	J
Azinphos methyl	1.95	0.40	2.0	ug/L	2.00		97.3	42-147	11.5	30	J
Bolstar	1.85	0.30	2.0	ug/L	2.00		92.6	35-144	5.20	30	J
Chlorpyrifos	1.71	0.70	1.0	ug/L	2.00		85.4	50-134	6.18	30	
Coumaphos	1.98	0.80	2.0	ug/L	2.00		99.1	47-152	2.25	30	J
Demeton-o	0.608	0.20	2.0	ug/L	0.750		81.1	18-128	1.43	30	J
Demeton-s	1.08	0.30	2.0	ug/L	1.25		86.5	43-125	8.34	30	J
Diazinon	1.51	0.30	0.50	ug/L	2.00		75.4	50-121	4.19	30	
Dichlorvos	2.07	0.40	2.0	ug/L	2.00		104	77-143	5.80	30	
Dimethoate	1.72	1.0	2.0	ug/L	2.00		86.1	37-133	2.92	30	J
Disulfoton	1.69	0.30	2.0	ug/L	2.00		84.3	50-119	6.87	30	J
EPN	1.82	0.50	2.0	ug/L	2.00		90.9	55-140	8.81	30	J
Ethion	1.83	0.80	2.0	ug/L	2.00		91.6	38-137	2.75	30	J
Ethoprop (Ethoprophos)	1.80	0.40	2.0	ug/L	2.00		89.9	67-130	4.85	30	J
Fensulfothion	2.01	0.80	2.0	ug/L	2.00		101	35-157	2.47	30	
Fenthion	1.73	0.50	2.0	ug/L	2.00		86.6	56-125	4.88	30	J
Malathion	1.88	0.80	2.0	ug/L	2.00		93.8	39-127	7.95	30	J
Mevinphos	1.91	0.80	2.0	ug/L	2.00		95.6	58-125	1.66	30	J
Parathion	1.81	0.90	2.0	ug/L	2.00		90.5	33-137	4.58	30	J
Parathion-methyl	1.80	0.40	2.0	ug/L	2.00		89.9	52-134	3.28	30	J
Phorate	1.80	0.40	2.0	ug/L	2.00		89.8	58-119	3.77	30	J
Ronnel	1.76	0.30	2.0	ug/L	2.00		88.0	41-135	5.56	30	J
Stirofos	1.84	0.30	2.0	ug/L	2.00		92.1	34-151	5.34	30	J
Thionazin	1.81	1.0	2.0	ug/L	2.00		90.3	60-118	0.708	30	J
Tokuthion (Prothiofos)	1.74	0.40	2.0	ug/L	2.00		87.0	41-136	3.36	30	J
Trichloronate	1.67	0.40	2.0	ug/L	2.00		83.4	36-146	3.53	30	J
Surrogate: Tributyl phosphate	2.01			ug/L	2.00		100	37-115			
Surrogate: Triphenyl phosphate	1.87			ug/L	2.00		93.7	44-145			



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Sample Traps, LLC 262 Rickenbacker Circle Livermore CA, 94551	Project Manager: Quality Control Manager Project: QC- 950cc Widemouth Amber Packer Project Number: Lot Number T2062CUFS	Reported: 03/28/22 09:12
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**Semivolatile Organic Compounds by EPA Method 8270C - Quality Control**

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch AC23827 - SVOAs in Water GCMS**

**Blank (AC23827-BLK1)**

Prepared: 03/15/22 Analyzed: 03/21/22

Acenaphthene	ND	1.0	10	ug/L							U
Acenaphthylene	ND	1.0	10	ug/L							U
Anthracene	ND	0.40	10	ug/L							U
Benzo (a) anthracene	ND	0.90	10	ug/L							U
Benzo (a) pyrene	ND	0.50	10	ug/L							U
Benzo (b) fluoranthene	ND	0.60	10	ug/L							U
Benzo (g,h,i) perylene	ND	0.90	10	ug/L							U
Benzo (k) fluoranthene	ND	0.50	10	ug/L							U
Benzoic acid	ND	30	50	ug/L							U
Benzyl alcohol	ND	3.0	20	ug/L							U
Bis(2-chloroethoxy)methane	ND	0.90	10	ug/L							U
Bis(2-chloroethyl)ether	ND	0.90	10	ug/L							U
Bis(2-chloroisopropyl)ether	ND	1.0	10	ug/L							U
Bis(2-ethylhexyl)phthalate	ND	3.0	10	ug/L							U
4-Bromophenyl phenyl ether	ND	1.0	10	ug/L							U
Butyl benzyl phthalate	ND	3.0	10	ug/L							U
4-Chloro-3-methylphenol	ND	1.0	10	ug/L							U
2-Chloronaphthalene	ND	1.0	10	ug/L							U
2-Chlorophenol	ND	0.70	10	ug/L							U
4-Chlorophenyl phenyl ether	ND	0.90	10	ug/L							U
Chrysene	ND	0.80	10	ug/L							U
Di-n-butyl phthalate	ND	6.0	10	ug/L							U
Di-n-octyl phthalate	ND	2.0	10	ug/L							U
Dibenz (a,h) anthracene	ND	0.80	10	ug/L							U
Dibenzofuran	ND	0.90	10	ug/L							U
1,2-Dichlorobenzene	ND	0.60	10	ug/L							U
1,3-Dichlorobenzene	ND	0.60	10	ug/L							U
1,4-Dichlorobenzene	ND	0.60	10	ug/L							U
2,4-Dichlorophenol	ND	0.70	10	ug/L							U
Diethyl phthalate	ND	1.0	10	ug/L							U
Dimethyl phthalate	ND	2.0	10	ug/L							U
2,4-Dimethylphenol	ND	1.0	10	ug/L							U
4,6-Dinitro-2-methylphenol	ND	3.0	50	ug/L							U
2,4-Dinitrophenol	ND	5.0	50	ug/L							U
2,4-Dinitrotoluene	ND	0.80	10	ug/L							U
2,6-Dinitrotoluene	ND	0.80	10	ug/L							U

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Sample Traps, LLC 262 Rickenbacker Circle Livermore CA, 94551	Project Manager: Quality Control Manager Project: QC- 950cc Widemouth Amber Packer Project Number: Lot Number T2062CUFS	Reported: 03/28/22 09:12
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**Semivolatile Organic Compounds by EPA Method 8270C - Quality Control**

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch AC23827 - SVOAs in Water GCMS**

**Blank (AC23827-BLK1)**

Prepared: 03/15/22 Analyzed: 03/21/22

1,2-Diphenylhydrazine	ND	0.60	10	ug/L							U
Fluoranthene	ND	0.80	10	ug/L							U
Fluorene	ND	0.80	10	ug/L							U
Hexachlorobenzene	ND	0.90	10	ug/L							U
Hexachlorobutadiene	ND	0.80	10	ug/L							U
Hexachlorocyclopentadiene	ND	2.0	15	ug/L							U
Hexachloroethane	ND	0.60	10	ug/L							U
Indeno (1,2,3-cd) pyrene	ND	0.60	10	ug/L							U
Isophorone	ND	0.90	10	ug/L							U
2-Methylnaphthalene	ND	1.0	10	ug/L							U
2-Methylphenol (o-cresol)	ND	0.60	10	ug/L							U
3 & 4-Methylphenol (m & p-cresol)	ND	0.60	10	ug/L							U
N-Nitrosodi-n-propylamine	ND	0.80	10	ug/L							U
N-Nitrosodimethylamine	ND	0.70	5.0	ug/L							U
N-Nitrosodiphenylamine	ND	1.0	10	ug/L							U
Naphthalene	ND	0.70	10	ug/L							U
2-Nitroaniline	ND	7.0	50	ug/L							U
3-Nitroaniline	ND	12	50	ug/L							U
4-Nitroaniline	ND	10	50	ug/L							U
Nitrobenzene	ND	0.90	10	ug/L							U
2-Nitrophenol	ND	3.0	10	ug/L							U
4-Nitrophenol	ND	3.0	50	ug/L							U
Pentachlorophenol	ND	4.0	50	ug/L							U
Phenanthrene	ND	0.90	10	ug/L							U
Phenol	ND	0.50	10	ug/L							U
Pyrene	ND	1.0	10	ug/L							U
1,2,4-Trichlorobenzene	ND	0.60	10	ug/L							U
2,4,5-Trichlorophenol	ND	2.0	10	ug/L							U
2,4,6-Trichlorophenol	ND	0.70	10	ug/L							U
Surrogate: 2-Fluorobiphenyl	36.2			ug/L	40.0		90.6	27-119			
Surrogate: 2-Fluorophenol	10.1			ug/L	40.0		25.2	7-85			
Surrogate: Nitrobenzene-d5	34.8			ug/L	40.0		87.0	15-314			
Surrogate: p-Terphenyl-d14	44.9			ug/L	40.0		112	36-141			
Surrogate: Phenol-d6	8.93			ug/L	40.0		22.3	1-65			
Surrogate: 2,4,6-Tribromophenol	16.3			ug/L	40.0		40.8	4-168			

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Sample Traps, LLC 262 Rickenbacker Circle Livermore CA, 94551	Project Manager: Quality Control Manager Project: QC- 950cc Widemouth Amber Packer Project Number: Lot Number T2062CUFS	Reported: 03/28/22 09:12
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**Semivolatile Organic Compounds by EPA Method 8270C - Quality Control**

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch AC23827 - SVOAs in Water GCMS**

**LCS (AC23827-BS1)**

Prepared: 03/15/22 Analyzed: 03/21/22

Acenaphthene	34.1	1.0	10	ug/L	40.0		85.3	60-132			
Acenaphthylene	34.1	1.0	10	ug/L	40.0		85.3	54-126			
Anthracene	29.9	0.40	10	ug/L	40.0		74.8	43-120			
Benzo (a) anthracene	37.8	0.90	10	ug/L	40.0		94.4	42-133			
Benzo (a) pyrene	33.7	0.50	10	ug/L	40.0		84.4	32-148			
Benzo (b) fluoranthene	37.4	0.60	10	ug/L	40.0		93.6	42-140			
Benzo (g,h,i) perylene	36.6	0.90	10	ug/L	40.0		91.6	2-195			
Benzo (k) fluoranthene	37.9	0.50	10	ug/L	40.0		94.7	25-146			
Benzoic acid	73.4	30	50	ug/L	200		36.7	10-196			
Benzyl alcohol	55.8	3.0	20	ug/L	60.0		93.0	36-102			
Bis(2-chloroethoxy)methane	45.4	0.90	10	ug/L	40.0		114	49-165			
Bis(2-chloroethyl)ether	30.4	0.90	10	ug/L	40.0		75.9	43-126			
Bis(2-chloroisopropyl)ether	39.7	1.0	10	ug/L	40.0		99.4	63-139			
Bis(2-ethylhexyl)phthalate	48.1	3.0	10	ug/L	40.0		120	29-137			
4-Bromophenyl phenyl ether	26.8	1.0	10	ug/L	40.0		66.9	65-120			
Butyl benzyl phthalate	5.46	3.0	10	ug/L	40.0		13.6	2-140			J
4-Chloro-3-methylphenol	22.4	1.0	10	ug/L	40.0		56.0	41-128			
2-Chloronaphthalene	35.4	1.0	10	ug/L	40.0		88.5	65-120			
2-Chlorophenol	15.0	0.70	10	ug/L	40.0		37.5	36-120			
4-Chlorophenyl phenyl ether	34.7	0.90	10	ug/L	40.0		86.8	38-145			
Chrysene	38.8	0.80	10	ug/L	40.0		97.0	44-140			
Di-n-butyl phthalate	16.6	6.0	10	ug/L	40.0		41.5	8-120			
Di-n-octyl phthalate	41.2	2.0	10	ug/L	40.0		103	19-132			
Dibenz (a,h) anthracene	37.1	0.80	10	ug/L	40.0		92.7	2-200			
Dibenzofuran	31.1	0.90	10	ug/L	40.0		77.7	57-107			
1,2-Dichlorobenzene	33.2	0.60	10	ug/L	40.0		83.0	33-93			
1,3-Dichlorobenzene	31.6	0.60	10	ug/L	40.0		78.9	31-92			
1,4-Dichlorobenzene	33.3	0.60	10	ug/L	40.0		83.3	32-91			
2,4-Dichlorophenol	23.4	0.70	10	ug/L	40.0		58.4	53-122			
Diethyl phthalate	8.11	1.0	10	ug/L	40.0		20.3	2-120			J
Dimethyl phthalate	2.85	2.0	10	ug/L	40.0		7.12	2-120			J
2,4-Dimethylphenol	26.2	1.0	10	ug/L	50.0		52.5	42-120			
4,6-Dinitro-2-methylphenol	27.3	3.0	50	ug/L	40.0		68.2	53-130			J
2,4-Dinitrophenol	5.69	5.0	50	ug/L	40.0		14.2	10-173			J
2,4-Dinitrotoluene	32.8	0.80	10	ug/L	40.0		82.0	48-127			
2,6-Dinitrotoluene	35.6	0.80	10	ug/L	40.0		88.9	68-137			

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Sample Traps, LLC 262 Rickenbacker Circle Livermore CA, 94551	Project Manager: Quality Control Manager Project: QC- 950cc Widemouth Amber Packer Project Number: Lot Number T2062CUFS	Reported: 03/28/22 09:12
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**Semivolatile Organic Compounds by EPA Method 8270C - Quality Control**

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch AC23827 - SVOAs in Water GCMS**

**LCS (AC23827-BS1)**

Prepared: 03/15/22 Analyzed: 03/21/22

Fluoranthene	34.4	0.80	10	ug/L	40.0		86.0	43-121			
Fluorene	36.6	0.80	10	ug/L	40.0		91.4	70-120			
Hexachlorobenzene	29.2	0.90	10	ug/L	40.0		73.0	8-142			
Hexachlorobutadiene	28.1	0.80	10	ug/L	40.0		70.3	38-120			
Hexachlorocyclopentadiene	26.3	2.0	15	ug/L	40.0		65.7	16-93			
Hexachloroethane	33.1	0.60	10	ug/L	40.0		82.8	55-120			
Indeno (1,2,3-cd) pyrene	30.0	0.60	10	ug/L	40.0		75.0	2-151			
Isophorone	40.8	0.90	10	ug/L	40.0		102	47-180			
2-Methylnaphthalene	38.7	1.0	10	ug/L	40.0		96.8	45-106			
2-Methylphenol (o-cresol)	25.2	0.60	10	ug/L	40.0		63.1	36-102			
3 & 4-Methylphenol (m & p-cresol)	21.6	0.60	10	ug/L	40.0		54.0	38-93			
N-Nitrosodi-n-propylamine	36.3	0.80	10	ug/L	40.0		90.8	14-198			
N-Nitrosodimethylamine	26.0	0.70	5.0	ug/L	40.0		65.0	19-81			
N-Nitrosodiphenylamine	31.9	1.0	10	ug/L	40.0		79.7	54-111			
Naphthalene	33.5	0.70	10	ug/L	40.0		83.7	36-120			
2-Nitroaniline	49.9	7.0	50	ug/L	60.0		83.2	53-128			J
3-Nitroaniline	50.6	12	50	ug/L	60.0		84.3	50-137			
4-Nitroaniline	53.3	10	50	ug/L	60.0		88.8	25-191			
Nitrobenzene	36.1	0.90	10	ug/L	40.0		90.2	54-158			
2-Nitrophenol	18.4	3.0	10	ug/L	40.0		46.0	45-167			
4-Nitrophenol	11.7	3.0	50	ug/L	40.0		29.2	13-129			J
Pentachlorophenol	19.9	4.0	50	ug/L	40.0		49.6	38-152			J
Phenanthrene	28.9	0.90	10	ug/L	40.0		72.2	65-120			
Phenol	10.6	0.50	10	ug/L	40.0		26.6	17-120			
Pyrene	34.5	1.0	10	ug/L	40.0		86.2	70-120			
1,2,4-Trichlorobenzene	31.7	0.60	10	ug/L	40.0		79.4	57-130			
2,4,5-Trichlorophenol	27.6	2.0	10	ug/L	40.0		69.0	44-141			
2,4,6-Trichlorophenol	29.3	0.70	10	ug/L	40.0		73.2	52-129			
Surrogate: 2-Fluorobiphenyl	38.6			ug/L	40.0		96.5	27-119			
Surrogate: 2-Fluorophenol	10.6			ug/L	40.0		26.5	7-85			
Surrogate: Nitrobenzene-d5	42.1			ug/L	40.0		105	15-314			
Surrogate: p-Terphenyl-d14	27.8			ug/L	40.0		69.6	36-141			
Surrogate: Phenol-d6	9.44			ug/L	40.0		23.6	1-65			
Surrogate: 2,4,6-Tribromophenol	13.2			ug/L	40.0		32.9	4-168			

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Sample Traps, LLC 262 Rickenbacker Circle Livermore CA, 94551	Project Manager: Quality Control Manager Project: QC- 950cc Widemouth Amber Packer Project Number: Lot Number T2062CUFS	Reported: 03/28/22 09:12
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**Semivolatile Organic Compounds by EPA Method 8270C - Quality Control**

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch AC23827 - SVOAs in Water GCMS**

Matrix Spike (AC23827-MS1)	Source: 22C1309-01			Prepared: 03/15/22 Analyzed: 03/21/22							
Acenaphthene	40.9	1.0	10	ug/L	40.0	ND	102	47-145			
Acenaphthylene	39.0	1.0	10	ug/L	40.0	ND	97.5	33-145			
Anthracene	37.6	0.40	10	ug/L	40.0	ND	94.0	27-133			
Benzo (a) anthracene	40.8	0.90	10	ug/L	40.0	ND	102	33-143			
Benzo (a) pyrene	35.2	0.50	10	ug/L	40.0	ND	88.0	17-163			
Benzo (b) fluoranthene	41.2	0.60	10	ug/L	40.0	ND	103	24-159			
Benzo (g,h,i) perylene	36.9	0.90	10	ug/L	40.0	ND	92.3	2-219			
Benzo (k) fluoranthene	38.5	0.50	10	ug/L	40.0	ND	96.2	11-162			
Benzoic acid	71.2	30	50	ug/L	200	ND	35.6	10-96			
Benzyl alcohol	62.1	3.0	20	ug/L	60.0	ND	104	33-102			QM-05
Bis(2-chloroethoxy)methane	34.5	0.90	10	ug/L	40.0	ND	86.2	33-184			
Bis(2-chloroethyl)ether	25.5	0.90	10	ug/L	40.0	ND	63.8	12-158			
Bis(2-chloroisopropyl)ether	35.2	1.0	10	ug/L	40.0	ND	88.1	36-166			
Bis(2-ethylhexyl)phthalate	38.2	3.0	10	ug/L	40.0	ND	95.6	8-158			
4-Bromophenyl phenyl ether	37.4	1.0	10	ug/L	40.0	ND	93.4	53-127			
Butyl benzyl phthalate	3.94	3.0	10	ug/L	40.0	ND	9.85	2-152			J
4-Chloro-3-methylphenol	25.3	1.0	10	ug/L	40.0	ND	63.2	22-147			
2-Chloronaphthalene	41.3	1.0	10	ug/L	40.0	ND	103	60-120			
2-Chlorophenol	12.8	0.70	10	ug/L	40.0	ND	32.1	23-134			
4-Chlorophenyl phenyl ether	43.8	0.90	10	ug/L	40.0	ND	110	25-158			
Chrysene	40.5	0.80	10	ug/L	40.0	ND	101	17-168			
Di-n-butyl phthalate	6.79	6.0	10	ug/L	40.0	ND	17.0	1-120			J
Di-n-octyl phthalate	34.9	2.0	10	ug/L	40.0	ND	87.4	4-146			
Dibenz (a,h) anthracene	36.6	0.80	10	ug/L	40.0	ND	91.6	2-227			
Dibenzofuran	41.7	0.90	10	ug/L	40.0	ND	104	57-107			
1,2-Dichlorobenzene	33.6	0.60	10	ug/L	40.0	ND	83.9	7-104			
1,3-Dichlorobenzene	32.8	0.60	10	ug/L	40.0	ND	82.0	1-106			
1,4-Dichlorobenzene	30.6	0.60	10	ug/L	40.0	ND	76.6	3-105			
2,4-Dichlorophenol	13.4	0.70	10	ug/L	40.0	ND	33.4	39-135			QM-05
Diethyl phthalate	ND	1.0	10	ug/L	40.0	ND		2-120			QM-05, U
Dimethyl phthalate	ND	2.0	10	ug/L	40.0	ND		2-120			QM-05, U
2,4-Dimethylphenol	15.2	1.0	10	ug/L	50.0	ND	30.4	32-120			QM-05
4,6-Dinitro-2-methylphenol	11.4	3.0	50	ug/L	40.0	ND	28.6	7-181			J
2,4-Dinitrophenol	11.4	5.0	50	ug/L	40.0	ND	28.4	10-191			J
2,4-Dinitrotoluene	43.8	0.80	10	ug/L	40.0	ND	110	39-139			
2,6-Dinitrotoluene	44.9	0.80	10	ug/L	40.0	ND	112	50-158			

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Sample Traps, LLC 262 Rickenbacker Circle Livermore CA, 94551	Project Manager: Quality Control Manager Project: QC- 950cc Widemouth Amber Packer Project Number: Lot Number T2062CUFS	Reported: 03/28/22 09:12
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**Semivolatile Organic Compounds by EPA Method 8270C - Quality Control**

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch AC23827 - SVOAs in Water GCMS**

<b>Matrix Spike (AC23827-MS1)</b>	<b>Source: 22C1309-01</b>			<b>Prepared: 03/15/22</b>		<b>Analyzed: 03/21/22</b>				
Fluoranthene	38.6	0.80	10	ug/L	40.0	ND	96.4	26-137		
Fluorene	45.5	0.80	10	ug/L	40.0	ND	114	59-121		
Hexachlorobenzene	40.0	0.90	10	ug/L	40.0	ND	100	2-152		
Hexachlorobutadiene	38.3	0.80	10	ug/L	40.0	ND	95.7	24-120		
Hexachlorocyclopentadiene	29.0	2.0	15	ug/L	40.0	ND	72.4	10-93		
Hexachloroethane	32.8	0.60	10	ug/L	40.0	ND	82.1	40-120		
Indeno (1,2,3-cd) pyrene	37.5	0.60	10	ug/L	40.0	ND	93.8	2-171		
Isophorone	37.6	0.90	10	ug/L	40.0	ND	93.9	21-196		
2-Methylnaphthalene	36.0	1.0	10	ug/L	40.0	ND	90.1	44-106		
2-Methylphenol (o-cresol)	22.9	0.60	10	ug/L	40.0	ND	57.2	9-124		
3 & 4-Methylphenol (m & p-cresol)	22.3	0.60	10	ug/L	40.0	ND	55.7	12-99		
N-Nitrosodi-n-propylamine	35.6	0.80	10	ug/L	40.0	ND	89.0	2-230		
N-Nitrosodimethylamine	32.1	0.70	5.0	ug/L	40.0	ND	80.3	10-84		
N-Nitrosodiphenylamine	35.5	1.0	10	ug/L	40.0	ND	88.8	40-115		
Naphthalene	33.9	0.70	10	ug/L	40.0	ND	84.7	21-133		
2-Nitroaniline	62.6	7.0	50	ug/L	60.0	ND	104	48-128		
3-Nitroaniline	59.0	12	50	ug/L	60.0	ND	98.4	17-137		
Nitrobenzene	36.9	0.90	10	ug/L	40.0	ND	92.2	35-180		
4-Nitroaniline	58.1	10	50	ug/L	60.0	ND	96.8	13-191		
2-Nitrophenol	12.4	3.0	10	ug/L	40.0	ND	31.1	29-182		
4-Nitrophenol	10.7	3.0	50	ug/L	40.0	ND	26.6	7-132		J
Pentachlorophenol	11.2	4.0	50	ug/L	40.0	ND	28.0	14-176		J
Phenanthrene	38.8	0.90	10	ug/L	40.0	ND	96.9	54-120		
Phenol	12.6	0.50	10	ug/L	40.0	ND	31.5	5-120		
Pyrene	39.9	1.0	10	ug/L	40.0	ND	99.8	52-120		
1,2,4-Trichlorobenzene	33.1	0.60	10	ug/L	40.0	ND	82.6	44-142		
2,4,5-Trichlorophenol	14.4	2.0	10	ug/L	40.0	ND	36.0	65-125		QM-05
2,4,6-Trichlorophenol	12.7	0.70	10	ug/L	40.0	ND	31.7	37-144		QM-05
Surrogate: 2-Fluorobiphenyl	40.3			ug/L	40.0		101	27-119		
Surrogate: 2-Fluorophenol	10.1			ug/L	40.0		25.4	7-85		
Surrogate: Nitrobenzene-d5	37.2			ug/L	40.0		93.0	15-314		
Surrogate: p-Terphenyl-d14	41.4			ug/L	40.0		104	36-141		
Surrogate: Phenol-d6	10.3			ug/L	40.0		25.8	1-65		
Surrogate: 2,4,6-Tribromophenol	12.9			ug/L	40.0		32.2	4-168		

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Sample Traps, LLC 262 Rickenbacker Circle Livermore CA, 94551	Project Manager: Quality Control Manager Project: QC- 950cc Widemouth Amber Packer Project Number: Lot Number T2062CUFS	Reported: 03/28/22 09:12
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**Semivolatile Organic Compounds by EPA Method 8270C - Quality Control**

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch AC23827 - SVOAs in Water GCMS**

Matrix Spike Dup (AC23827-MSD1)	Source: 22C1309-01			Prepared: 03/15/22 Analyzed: 03/21/22							
Acenaphthene	38.0	1.0	10	ug/L	40.0	ND	95.1	47-145	7.34	48	
Acenaphthylene	37.5	1.0	10	ug/L	40.0	ND	93.8	33-145	3.90	74	
Anthracene	38.9	0.40	10	ug/L	40.0	ND	97.3	27-133	3.45	66	
Benzo (a) anthracene	41.1	0.90	10	ug/L	40.0	ND	103	33-143	0.684	53	
Benzo (a) pyrene	36.0	0.50	10	ug/L	40.0	ND	89.9	17-163	2.17	72	
Benzo (b) fluoranthene	44.1	0.60	10	ug/L	40.0	ND	110	24-159	6.73	71	
Benzo (g,h,i) perylene	32.2	0.90	10	ug/L	40.0	ND	80.4	2-219	13.8	97	
Benzo (k) fluoranthene	41.2	0.50	10	ug/L	40.0	ND	103	11-162	6.75	63	
Benzoic acid	65.7	30	50	ug/L	200	ND	32.8	10-96	8.12	53	
Benzyl alcohol	58.2	3.0	20	ug/L	60.0	ND	96.9	33-102	6.58	31	
Bis(2-chloroethoxy)methane	36.4	0.90	10	ug/L	40.0	ND	91.1	33-184	5.47	54	
Bis(2-chloroethyl)ether	25.7	0.90	10	ug/L	40.0	ND	64.2	12-158	0.703	108	
Bis(2-chloroisopropyl)ether	33.1	1.0	10	ug/L	40.0	ND	82.8	36-166	6.23	76	
Bis(2-ethylhexyl)phthalate	37.6	3.0	10	ug/L	40.0	ND	93.9	8-158	1.77	82	
4-Bromophenyl phenyl ether	39.5	1.0	10	ug/L	40.0	ND	98.7	53-127	5.52	43	
Butyl benzyl phthalate	ND	3.0	10	ug/L	40.0	ND		2-152	200	60	QM-05, U
4-Chloro-3-methylphenol	27.2	1.0	10	ug/L	40.0	ND	67.9	22-147	7.09	73	
2-Chloronaphthalene	37.4	1.0	10	ug/L	40.0	ND	93.6	60-120	9.83	24	
2-Chlorophenol	13.6	0.70	10	ug/L	40.0	ND	34.0	23-134	5.90	61	
4-Chlorophenyl phenyl ether	41.4	0.90	10	ug/L	40.0	ND	103	25-158	5.77	61	
Chrysene	40.4	0.80	10	ug/L	40.0	ND	101	17-168	0.223	87	
Di-n-butyl phthalate	8.01	6.0	10	ug/L	40.0	ND	20.0	1-120	16.5	47	J
Di-n-octyl phthalate	36.6	2.0	10	ug/L	40.0	ND	91.5	4-146	4.67	69	
Dibenz (a,h) anthracene	32.7	0.80	10	ug/L	40.0	ND	81.8	2-227	11.2	126	
Dibenzofuran	38.6	0.90	10	ug/L	40.0	ND	96.6	57-107	7.57	29	
1,2-Dichlorobenzene	31.9	0.60	10	ug/L	40.0	ND	79.7	7-104	5.13	41	
1,3-Dichlorobenzene	29.1	0.60	10	ug/L	40.0	ND	72.8	1-106	12.0	41	
1,4-Dichlorobenzene	29.2	0.60	10	ug/L	40.0	ND	73.0	3-105	4.71	42	
2,4-Dichlorophenol	15.8	0.70	10	ug/L	40.0	ND	39.6	39-135	16.8	50	
Diethyl phthalate	1.16	1.0	10	ug/L	40.0	ND	2.90	2-120	200	100	QM-05, J
Dimethyl phthalate	ND	2.0	10	ug/L	40.0	ND		2-120		183	QM-05, U
2,4-Dimethylphenol	21.9	1.0	10	ug/L	50.0	ND	43.9	32-120	36.3	58	
4,6-Dinitro-2-methylphenol	9.69	3.0	50	ug/L	40.0	ND	24.2	7-181	16.5	203	J
2,4-Dinitrophenol	11.6	5.0	50	ug/L	40.0	ND	29.1	10-191	2.44	132	J
2,4-Dinitrotoluene	44.5	0.80	10	ug/L	40.0	ND	111	39-139	1.43	42	
2,6-Dinitrotoluene	41.6	0.80	10	ug/L	40.0	ND	104	50-158	7.66	48	

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Sample Traps, LLC 262 Rickenbacker Circle Livermore CA, 94551	Project Manager: Quality Control Manager Project: QC- 950cc Widemouth Amber Packer Project Number: Lot Number T2062CUFS	Reported: 03/28/22 09:12
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**Semivolatile Organic Compounds by EPA Method 8270C - Quality Control**

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch AC23827 - SVOAs in Water GCMS**

Matrix Spike Dup (AC23827-MSD1)	Source: 22C1309-01			Prepared: 03/15/22		Analyzed: 03/21/22					
Fluoranthene	37.8	0.80	10	ug/L	40.0	ND	94.5	26-137	1.94	66	
Fluorene	41.0	0.80	10	ug/L	40.0	ND	102	59-121	10.4	38	
Hexachlorobenzene	41.8	0.90	10	ug/L	40.0	ND	104	2-152	4.23	55	
Hexachlorobutadiene	37.5	0.80	10	ug/L	40.0	ND	93.7	24-120	2.14	62	
Hexachlorocyclopentadiene	24.2	2.0	15	ug/L	40.0	ND	60.4	10-93	18.2	55	
Hexachloroethane	30.5	0.60	10	ug/L	40.0	ND	76.2	40-120	7.52	52	
Indeno (1,2,3-cd) pyrene	25.1	0.60	10	ug/L	40.0	ND	62.8	2-171	39.5	99	
Isophorone	39.7	0.90	10	ug/L	40.0	ND	99.2	21-196	5.46	93	
2-Methylnaphthalene	39.4	1.0	10	ug/L	40.0	ND	98.6	44-106	8.96	33	
2-Methylphenol (o-cresol)	25.8	0.60	10	ug/L	40.0	ND	64.4	9-124	11.8	33	
3 & 4-Methylphenol (m & p-cresol)	24.9	0.60	10	ug/L	40.0	ND	62.2	12-99	11.1	33	
N-Nitrosodi-n-propylamine	36.2	0.80	10	ug/L	40.0	ND	90.4	2-230	1.56	87	
N-Nitrosodimethylamine	29.7	0.70	5.0	ug/L	40.0	ND	74.3	10-84	7.76	59	
N-Nitrosodiphenylamine	37.1	1.0	10	ug/L	40.0	ND	92.8	40-115	4.46	25	
Naphthalene	34.8	0.70	10	ug/L	40.0	ND	87.0	21-133	2.65	65	
2-Nitroaniline	58.6	7.0	50	ug/L	60.0	ND	97.8	48-128	6.45	26	
3-Nitroaniline	55.9	12	50	ug/L	60.0	ND	93.1	17-137	5.52	25	
4-Nitroaniline	55.2	10	50	ug/L	60.0	ND	92.1	13-191	5.05	33	
Nitrobenzene	36.6	0.90	10	ug/L	40.0	ND	91.5	35-180	0.708	62	
2-Nitrophenol	14.1	3.0	10	ug/L	40.0	ND	35.2	29-182	12.6	55	
4-Nitrophenol	10.4	3.0	50	ug/L	40.0	ND	26.0	7-132	2.28	131	J
Pentachlorophenol	11.4	4.0	50	ug/L	40.0	ND	28.6	14-176	2.30	86	J
Phenanthrene	39.9	0.90	10	ug/L	40.0	ND	99.7	54-120	2.85	39	
Phenol	12.4	0.50	10	ug/L	40.0	ND	30.9	5-120	1.92	64	
Pyrene	42.4	1.0	10	ug/L	40.0	ND	106	52-120	6.05	49	
1,2,4-Trichlorobenzene	33.1	0.60	10	ug/L	40.0	ND	82.8	44-142	0.242	50	
2,4,5-Trichlorophenol	15.2	2.0	10	ug/L	40.0	ND	38.0	65-125	5.54	25	QM-05
2,4,6-Trichlorophenol	11.7	0.70	10	ug/L	40.0	ND	29.3	37-144	8.03	58	QM-05
Surrogate: 2-Fluorobiphenyl	37.0			ug/L	40.0		92.4	27-119			
Surrogate: 2-Fluorophenol	10.5			ug/L	40.0		26.3	7-85			
Surrogate: Nitrobenzene-d5	38.2			ug/L	40.0		95.5	15-314			
Surrogate: p-Terphenyl-d14	42.4			ug/L	40.0		106	36-141			
Surrogate: Phenol-d6	13.3			ug/L	40.0		33.2	1-65			
Surrogate: 2,4,6-Tribromophenol	15.0			ug/L	40.0		37.5	4-168			

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Sample Traps, LLC 262 Rickenbacker Circle Livermore CA, 94551	Project Manager: Quality Control Manager Project: QC- 950cc Widemouth Amber Packer Project Number: Lot Number T2062CUFS	Reported: 03/28/22 09:12
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**Benzidines by EPA Method 8270C - Quality Control**

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch AC23715 - SVOAs in Water GCMS**

<b>Blank (AC23715-BLK1)</b>		Prepared: 03/14/22 Analyzed: 03/17/22									
Benzidine	ND	3.0	5.0	ug/L							U
3,3'-Dichlorobenzidine	ND	2.0	5.0	ug/L							U
Surrogate: 2-Fluorobiphenyl	16.9			ug/L	40.0		42.3	27-119			
Surrogate: Nitrobenzene-d5	26.4			ug/L	40.0		66.0	15-314			
Surrogate: p-Terphenyl-d14	14.8			ug/L	40.0		36.9	36-141			

<b>LCS (AC23715-BS1)</b>		Prepared: 03/14/22 Analyzed: 03/17/22									
Benzidine	12.2	3.0	5.0	ug/L	79.4		15.4	12-151			
3,3'-Dichlorobenzidine	77.3	2.0	5.0	ug/L	79.4		97.5	8-120			
Surrogate: 2-Fluorobiphenyl	23.8			ug/L	40.0		59.5	27-119			
Surrogate: Nitrobenzene-d5	27.2			ug/L	40.0		68.1	15-314			
Surrogate: p-Terphenyl-d14	28.7			ug/L	40.0		71.8	36-141			

<b>Matrix Spike (AC23715-MS1)</b>		Source: 22C1331-01		Prepared: 03/14/22 Analyzed: 03/17/22							
Benzidine	13.9	3.0	5.0	ug/L	79.4	ND	17.5	4-262			
3,3'-Dichlorobenzidine	40.9	2.0	5.0	ug/L	79.4	ND	51.5	4-262			
Surrogate: 2-Fluorobiphenyl	31.4			ug/L	40.0		78.5	27-119			
Surrogate: Nitrobenzene-d5	33.1			ug/L	40.0		82.8	15-314			
Surrogate: p-Terphenyl-d14	28.5			ug/L	40.0		71.2	36-141			

<b>Matrix Spike Dup (AC23715-MSD1)</b>		Source: 22C1331-01		Prepared: 03/14/22 Analyzed: 03/17/22							
Benzidine	14.9	3.0	5.0	ug/L	79.4	ND	18.8	4-262	6.74	108	
3,3'-Dichlorobenzidine	44.8	2.0	5.0	ug/L	79.4	ND	56.4	4-262	9.11	108	
Surrogate: 2-Fluorobiphenyl	26.8			ug/L	40.0		67.0	27-119			
Surrogate: Nitrobenzene-d5	30.4			ug/L	40.0		76.0	15-314			
Surrogate: p-Terphenyl-d14	28.1			ug/L	40.0		70.3	36-141			

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Sample Traps, LLC 262 Rickenbacker Circle Livermore CA, 94551	Project Manager: Quality Control Manager Project: QC- 950cc Widemouth Amber Packer Project Number: Lot Number T2062CUFS	Reported: 03/28/22 09:12
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**Semivolatile Organic Compounds by EPA Method 8270C SIM - Quality Control**

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch AC24307 - SVOAs in Water GCMS**

**Blank (AC24307-BLK1)**

Prepared: 03/15/22 Analyzed: 03/24/22

Acenaphthylene	ND	0.20	0.20	ug/L							U
Anthracene	ND	0.090	0.20	ug/L							U
Benzo (a) anthracene	ND	0.20	0.20	ug/L							U
Benzo (a) pyrene	ND	0.20	0.20	ug/L							U
Benzo (b) fluoranthene	ND	0.20	0.20	ug/L							U
Benzo (g,h,i) perylene	ND	0.10	0.20	ug/L							U
Benzo (k) fluoranthene	ND	0.20	0.20	ug/L							U
Chrysene	ND	0.20	0.20	ug/L							U
Dibenz (a,h) anthracene	ND	0.10	0.20	ug/L							U
Fluorene	ND	0.20	0.20	ug/L							U
Indeno (1,2,3-cd) pyrene	ND	0.030	0.20	ug/L							U
Phenanthrene	ND	0.10	0.20	ug/L							U
Pyrene	ND	0.20	0.20	ug/L							U
Surrogate: 2-Fluorobiphenyl	32.2			ug/L	40.0		80.4	24-119			
Surrogate: Nitrobenzene-d5	49.5			ug/L	40.0		124	15-314			
Surrogate: p-Terphenyl-d14	39.3			ug/L	40.0		98.4	37-139			

**LCS (AC24307-BS1)**

Prepared: 03/15/22 Analyzed: 03/23/22

Acenaphthylene	36.8	0.20	0.20	ug/L	40.0		92.0	54-126			
Anthracene	44.7	0.090	0.20	ug/L	40.0		112	43-120			
Benzo (a) anthracene	39.1	0.20	0.20	ug/L	40.0		97.8	42-133			
Benzo (a) pyrene	43.6	0.20	0.20	ug/L	40.0		109	32-148			
Benzo (b) fluoranthene	40.7	0.20	0.20	ug/L	40.0		102	42-140			
Benzo (g,h,i) perylene	41.0	0.10	0.20	ug/L	40.0		102	2-195			
Benzo (k) fluoranthene	45.0	0.20	0.20	ug/L	40.0		112	25-146			
Chrysene	40.4	0.20	0.20	ug/L	40.0		101	44-140			
Dibenz (a,h) anthracene	44.9	0.10	0.20	ug/L	40.0		112	2-200			
Fluorene	36.3	0.20	0.20	ug/L	40.0		90.7	70-120			
Indeno (1,2,3-cd) pyrene	40.0	0.030	0.20	ug/L	40.0		100	2-151			
Phenanthrene	45.0	0.10	0.20	ug/L	40.0		113	65-120			
Pyrene	40.6	0.20	0.20	ug/L	40.0		102	70-120			
Surrogate: 2-Fluorobiphenyl	37.8			ug/L	40.0		94.6	24-119			
Surrogate: Nitrobenzene-d5	48.9			ug/L	40.0		122	15-314			
Surrogate: p-Terphenyl-d14	45.5			ug/L	40.0		114	37-139			

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Sample Traps, LLC 262 Rickenbacker Circle Livermore CA, 94551	Project Manager: Quality Control Manager Project: QC- 950cc Widemouth Amber Packer Project Number: Lot Number T2062CUFS	Reported: 03/28/22 09:12
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**Semivolatile Organic Compounds by EPA Method 8270C SIM - Quality Control**

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch AC24307 - SVOAs in Water GCMS**

<b>Matrix Spike (AC24307-MS1)</b>		<b>Source: 22C1309-01</b>			<b>Prepared: 03/15/22</b>		<b>Analyzed: 03/24/22</b>	
Acenaphthylene	38.3	0.20	0.20	ug/L	40.0	ND	95.7	33-145
Anthracene	46.2	0.090	0.20	ug/L	40.0	ND	116	27-133
Benzo (a) anthracene	36.7	0.20	0.20	ug/L	40.0	ND	91.7	33-143
Benzo (a) pyrene	40.8	0.20	0.20	ug/L	40.0	ND	102	17-163
Benzo (b) fluoranthene	40.7	0.20	0.20	ug/L	40.0	ND	102	24-159
Benzo (g,h,i) perylene	42.5	0.10	0.20	ug/L	40.0	ND	106	2-219
Benzo (k) fluoranthene	43.6	0.20	0.20	ug/L	40.0	ND	109	11-162
Chrysene	39.5	0.20	0.20	ug/L	40.0	ND	98.7	17-168
Dibenz (a,h) anthracene	45.8	0.10	0.20	ug/L	40.0	ND	114	2-227
Fluorene	39.4	0.20	0.20	ug/L	40.0	ND	98.4	59-121
Indeno (1,2,3-cd) pyrene	41.8	0.030	0.20	ug/L	40.0	ND	104	2-171
Phenanthrene	50.7	0.10	0.20	ug/L	40.0	ND	127	54-120
Pyrene	41.7	0.20	0.20	ug/L	40.0	ND	104	52-120
Surrogate: 2-Fluorobiphenyl	33.1			ug/L	40.0		82.8	24-119
Surrogate: Nitrobenzene-d5	48.3			ug/L	40.0		121	15-314
Surrogate: p-Terphenyl-d14	40.9			ug/L	40.0		102	37-139

QM-05

<b>Matrix Spike Dup (AC24307-MSD1)</b>		<b>Source: 22C1309-01</b>			<b>Prepared: 03/15/22</b>		<b>Analyzed: 03/24/22</b>			
Acenaphthylene	39.4	0.20	0.20	ug/L	40.0	ND	98.5	33-145	2.86	74
Anthracene	38.6	0.090	0.20	ug/L	40.0	ND	96.4	27-133	18.1	66
Benzo (a) anthracene	39.3	0.20	0.20	ug/L	40.0	ND	98.3	33-143	6.95	53
Benzo (a) pyrene	47.6	0.20	0.20	ug/L	40.0	ND	119	17-163	15.4	72
Benzo (b) fluoranthene	45.6	0.20	0.20	ug/L	40.0	ND	114	24-159	11.4	71
Benzo (g,h,i) perylene	45.9	0.10	0.20	ug/L	40.0	ND	115	2-219	7.65	97
Benzo (k) fluoranthene	45.6	0.20	0.20	ug/L	40.0	ND	114	11-162	4.48	63
Chrysene	40.0	0.20	0.20	ug/L	40.0	ND	99.9	17-168	1.16	87
Dibenz (a,h) anthracene	47.8	0.10	0.20	ug/L	40.0	ND	120	2-227	4.36	126
Fluorene	40.2	0.20	0.20	ug/L	40.0	ND	101	59-121	2.21	38
Indeno (1,2,3-cd) pyrene	45.6	0.030	0.20	ug/L	40.0	ND	114	2-171	8.63	99
Phenanthrene	49.0	0.10	0.20	ug/L	40.0	ND	122	54-120	3.43	39
Pyrene	34.6	0.20	0.20	ug/L	40.0	ND	86.5	52-120	18.6	49
Surrogate: 2-Fluorobiphenyl	34.5			ug/L	40.0		86.2	24-119		
Surrogate: Nitrobenzene-d5	56.1			ug/L	40.0		140	15-314		
Surrogate: p-Terphenyl-d14	35.2			ug/L	40.0		88.0	37-139		

QM-05

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Sample Traps, LLC  
262 Rickenbacker Circle  
Livermore CA, 94551

Project Manager: Quality Control Manager  
Project: QC- 950cc Widemouth Amber Packer  
Project Number: Lot Number T2062CUFS

Reported:  
03/28/22 09:12

### 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

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](http://www.alpha-labs.com) or contact your Project Manager directly.



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# Chain of Custody Record

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

Lab No. 22C1195 Page      of     

Report to:		Invoice to (if different):		Project Info for Report:		Signature below authorizes work under terms stated on reverse side.									
Company: Sample Traps LLC		Company: QC- 950cc Widemouth Amber Packer		Project ID: QC- 950cc Widemouth Amber Packer		Analyses Requested  TAT 10 days <input checked="" type="radio"/> <b>RUSH:</b> 5 days <input type="radio"/> 48 hours <input type="radio"/> Other: <input type="radio"/> days Lab Approval Required For Rush TATs  Sample Notes or CDPH Source Numbers:  Sample Notes (lab use only) Temperature: _____ deg. C Shipment Method: Custody Seals: Y / N									
Attn: Quality Control Manager		Project No: Lot number T2062CUFS		PO/Reference :											
Address:		Container: 40ml VOA		Preservative: Matrix:											
Phone/Fax:		Glass jar		None											
Email Address: admin@sampletraps.com		Glass bottle		Other		include f-flag reporting 608.3 Sample Traps 8141 Sample Traps 8151 Sample Traps 8270 Sample Traps Group 8270 PNA SIM Sample Traps									
Samplers Signature:		Poly		Methanol				Total Number of Containers 2 2 2 2 2							
Print: Rodney Santillan		HCL		Na Bisulfate						608.3 Sample Traps 8141 Sample Traps 8151 Sample Traps 8270 Sample Traps Group 8270 PNA SIM Sample Traps					
<b>Sample Identification</b>		Water		Other								CDPH Write On EDT Transmission? <input type="radio"/> Yes <input type="radio"/> No 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: _____ EDF to (Email Address): _____ Travel and Site Time: _____ Mileage: _____ Sampling Company Log Code Misc. Supplies: _____			
T2062CUFS - 01		X		X										Relinquished by: _____ Date: <u>3/8/22</u> Time: <u>0800</u>	
T2062CUFS - 02		X		X											
T2062CUFS - 03		X		X		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: _____ EDF to (Email Address): _____ Travel and Site Time: _____ Mileage: _____ Sampling Company Log Code Misc. Supplies: _____									
T2062CUFS - 04		X		X				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: _____ EDF to (Email Address): _____ Travel and Site Time: _____ Mileage: _____ Sampling Company Log Code Misc. Supplies: _____							
T2062CUFS - 05		X		X						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: _____ EDF to (Email Address): _____ Travel and Site Time: _____ Mileage: _____ Sampling Company Log Code Misc. Supplies: _____					
												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: _____ EDF to (Email Address): _____ Travel and Site Time: _____ Mileage: _____ Sampling Company Log Code Misc. Supplies: _____			
														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: _____ EDF to (Email Address): _____ Travel and Site Time: _____ Mileage: _____ Sampling Company Log Code Misc. Supplies: _____	
						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: _____ EDF to (Email Address): _____ Travel and Site Time: _____ Mileage: _____ Sampling Company Log Code Misc. Supplies: _____									
								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: _____ EDF to (Email Address): _____ Travel and Site Time: _____ Mileage: _____ Sampling Company Log Code Misc. Supplies: _____							