

ACCREDITED

CERTIFICATE #'s 5890.01 & 5890.02

750 Royal Oaks Drive, Suite 100 Monrovia, California 91016-3629 Tel: (626) 386-1100 Fax: (866) 988-3757 1 800 566 LABS (1 800 566 5227)

Laboratory Report

for

Honolulu Board of Water Supply 630 South Beretania Street Public Service Bldg." Room 308 Honolulu, HI 96843 Attention: Erwin Kawata

Fax: 808-550-5018

Date of Issue
02/22/2022

Lebel Cank
EUROPINS ATON
ANALYTICAL, LLC

DEB: Debbie L Frank

Project Manager



Report: 985106 Project: RED-HILL

Group: Red-Hill Expanded List (Albuquerque+)

- * Accredited in accordance with TNI 2016 and ISO/IEC 17025:2017.
- * Laboratory certifies that the test results meet all TNI 2016 and ISO/IEC 17025:2017 requirements unless noted under the individual analysis.
- * As applicable, this report consists of the cover page, State Certification List, ISO 17025 Accredited Method List, Acknowledgement of Samples Received, Comments, Hits Report, Data Report, QC Summary, QC Report and Regulatory Forms.
- * Test results relate only to the sample(s) tested.
- * Test results apply to the sample(s) as received, unless otherwise noted in the comments report (ISO/IEC 17025:2017).
- * This report shall not be reproduced except in full, without the written approval of the laboratory.
- * This report includes ISO/IEC 17025 and non-ISO 17025 accredited methods.



STATE CERTIFICATION LIST

State	Certification Number	State	Certification Number	
Alabama	41060	Montana	Cert 0035	
Arizona	AZ0778	Nebraska	NE-OS-21-13	
Arkansas	CA00006	Nevada	CA00006	
California	2813	New Hampshire *	2959	
Colorado	CA00006	New Jersey *	CA 008	
Connecticut	PH-0107	New Mexico	CA00006	
Delaware	CA 006	New York *	11320	
Florida *	E871024	North Carolina	06701	
Georgia	947	North Dakota	R-009	
Guam	21-008R	Ohio - 537.1	87786	
Hawaii	CA00006	Oregon *	4034	
Idaho	CA00006	Pennsylvania *	68-00565	
Illinois	200033	Puerto Rico	CA00006	
Indiana	C-CA-01	Rhode Island	LAO00326	
Iowa – Asbestos	413	South Carolina	87016	
Kansas *	E-10268	South Dakota	CA11320	
Kentucky	90107	Tennessee	TN02839	
Louisiana *	LA008	Texas *	T104704230-20-18	
Maine	CA00006	Utah (Primary AB) *	CA00006	
Maryland	224	Vermont	VT0114	
Marianas Islands	MP0004	Virginia *	460260	
Massachusetts	M-CA006	Washington	C838	
Michigan	9906	EPA Region 5	CA00006	
Mississippi	CA00006	Los Angeles County Sanitation Districts	10264	

^{*} NELAP/TNI Recognized Accreditation Bodies

ISO/IEC 17025:2917 Accredited Method List

The test listed below are accredited and met the requirements of ISO/IEC 17025 as verify by A2LA. Refer to our certificates and scope of accreditations (no. 5890-1 and 5890-2) found at:

https://www.eurofinsus.com/Eaton

Test(s) Method(s) Enterococci Enterolert SM 9221 B.1 (Enumeration) Fecal Coliform (P/A and Enumeration) Legionella Enterococci Heterotrophic Bacteria Enguneration) SM 9230 B X X X X X X X X X X X X X	
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Escherichia coli (Enumeration) Fecal Coliform (P/A and Enumeration) Fecal Streptococci and Enterococci Heterotrophic Bacteria Pseudomonas aeruginosa Total Coliform (P/A and Enumeration) Total Coliform, Total Coliform with Chlorine Present Total Coliform/Ec, SM 9221 x x x x x x x x x x x x x x x x x x	
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Total Microcystins and Nodularins EPA 546 X	
Nodularins EPA 546 X	
reast and word Sivi 9610 X	
1,2,3-Trichloropropane CA SRL 524M-	
(TCP) at 5 PPT TCP	
1,4-Dioxane EPA 522 x	
2.3.7.8-TCDD Modified EPA X	
2,3,7,8-TCDD 1613 B X	
Acrylamide †LCMS 2440) x	
Alkalinity SM 2320B x x	
EPA 350.1,	
Ammonia SM 4500-NH3 x	
Н	
Asbestos EPA 100.2 x x	
Bicarbonate Alkalinity as SM 2330 B	
HCO3 ^ ^	
BOD/CBOD SM 5210 B x	
Bromate ⁺ LCMS- 2447 x	
Carbonate as CO3 SM 2330 B x x	
Carbonyls EPA 556 x x	
EPA 410.4,	
Chemical Oxygen Demand SM 5220D x	
Chlorinated Acids EPA 515.4 x	
Palin Test	
Chloring Diovide Chlordio X Plus,	
Chlorine Dioxide SM 4500-CLO2 x	
D D	
Chlorine, Free, Combined,	
5 N 4500-G G	
Total Residual, x	
Chloramines	
Color SM2120B x	
EPA 120.1,	
Conductivity SM 2510B x x	
Corrosivity (Langelier	
Index) Carbonate as CO3	
Hydroxide as OH SM 2330 B x	
Calculated	
Cyanide (Amenable) SM 4500-CN x x	
· · · · · · · · · · · · · · · · · · ·	
Cyanide (Free) SM 4500CN F x x	
Cyanide (Total) EPA 335.4 x x	
Cyanogen Chloride + 335 Mod	
(Screen) (WC-24467) ^	
Diquat and Paraquat EPA 549.2 x	
DBP and HAA SM 6251 B x	
Dissolved Organic Carbon SM 5310 C x	
Dissolved Oxygen SM 4500-O G x	
EDB/DCBP/TCP EPA 504.1 x	
EDB/DBCP and EPA 551.1 x	
Disinfection Byproducts	
EDTA and NTA + WC-2454 x	
EDA 5/18 1	
Endothall EPA 548.1,	
Endothall	
Endothall	
Endothall	
Endothall	

Test(s)	Method(s)	Potable Water *	Waste Water
Gross Alpha coprecipitation	SM 7110 C	х	Х
Hardness	SM 2340 B	Х	Х
Hexavalent Chromium	EPA 218.6,	Х	Х
Hexavalent Chromium	EPA 218.7,	Х	
Hexavalent Chromium	SM 3500-Cr B		Х
Inorganic Anions and DBPs	EPA 300.0	Х	Х
Norganic Anions and DBPs	EPA 300.1	Х	
Kjeldahl Nitrogen	EPA 351.2		Х
Metals	EPA 200.7, EPA200.8	х	x
Nitrosamines	EEA-Agilent 521.1 (GCMS-24250)	х	
Nitrate/Nitrite Nitrogen	EPA 353.2	х	Х
Odor	SM2150B	х	
Organohalide Pesticides and PCB	EPA 505	х	
Ortho Phosphate	SM 4500P E	Х	
Oxyhalides Disinfection	EPA 317.0		
Byproducts	EPA 317.0	Х	
Perchlorate	EPA 331.0	Х	
Perchlorate (Low and High Levels)	EPA 314.0	х	
Perfluorinated Alkyl Acids	EPA 533, EPA 537, EPA 537.1	х	
PPCP and EDC	*LCMS-2443	Х	
рН	EPA 150.1 SM 4500-H+ B	х	х
Phenolics – Low Level	*WC 2493 (EPA 420.2 and EPA 420.4 MOD)	х	х
Phenylurea Pesticides/Herbicides	+LCMS-2448	х	
Radium-226, Radium-228	GA Tech (Rad- 2374)	х	
Radon-222	SM 7500RN	х	
Residue (Filterable)	SM 2540C	Х	Х
Residue (Non-Filterable)	SM 2540D		Х
Residue (Total)	SM 2540B		Х
Residue (Volatile)	EPA 160.4		Х
Semi-Volatile Compounds	EPA 525.2	X	
Silica	SM 4500-SiO2 C	х	Х
Sulfide	SM 4500-S D		Х
Sulfite	SM 4500-SO3 B	Х	Х
Surfactants	SM 5540C	Х	Х
Taste and Odor	SM 6040 E	Х	
Total Organic Carbon	SM 5310 C	Х	Х
Total Phenols	EPA 420.1		Х
Total Phenols	EPA 420.4	Х	Х
Triazine Pesticides and their Degradates	+LCMS-3617	х	
Turbidity	EPA 180.1	Х	Х
Uranium by ICP/MS	EPA 200.8	Х	
UV 254 Organic Constituents	SM 5910B	х	
VOCs	EPA 524.2	Х	
VOCs	⁺ (GCMS 2412) by EPA 524.2	х	
	modified		

^(*) includes: Bottled Water, Drinking Water and Water as Component of Food & Beverage.

⁽⁺⁾ In-House Method



Acknowledgement of Samples Received

Addr: Honolulu Board of Water Supply

630 South Beretania Street Public Service Bldg." Room 308

Honolulu, HI 96843

Attn: Erwin Kawata Phone: 808-748-5091

202202030786

Client ID: HONOLULU Folder #: 985106 Project: RED-HILL

Sample Group: Red-Hill Expanded List

(Albuquerque+)

Project Manager: Debbie L Frank Phone: (626) 386-1149

PO #: C20525101 exp 05312023

02/01/2022 0930

The following samples were received from you on **February 03, 2022** at **1524**. They have been scheduled for the tests listed below each sample. If this information is incorrect, please contact your service representative. Thank you for using Eurofins Eaton Analytical LLC

using Eurofins Eaton Analytical, LLC.

Sample # Sample ID Sample Date

SDWIS PWSID: HI0000331 SDWIS FACILITY ID: TP071 SDWIS SAMPLE POINT ID: 201

(SUB)Gas Fraction Hydrocarbons TPH 8015 Diesel and Motor Oil TPH 8015 Jet Fuel 5

TPH 8015 Jef Fuel 8

202202030787 TRAVEL BLANK::AIEA GULCH WELLS PUMP 1 (331-201-TP071) 02/01/2022 0930

(SUB)Gas Fraction Hydrocarbons

AIEA GULCH WELLS PUMP 1 (331-201-TP071)

202202030788 AIEA GULCH WELLS PUMP 2 (331-202-TP072) 02/01/2022 0930

SDWIS PWSID: HI0000331 SDWIS FACILITY ID: TP072 SDWIS SAMPLE POINT ID: 202

(SUB)Gas Fraction Hydrocarbons TPH 8015 Diesel and Motor Oil TPH 8015 Jet Fuel 5

TPH 8015 Jef Fuel 8

202202030789 TRAVEL BLANK::AIEA GULCH WELLS PUMP 2 -331-202-TP072 02/01/2022 0930

(SUB)Gas Fraction Hydrocarbons

Test Description

Reported: 02/22/2022

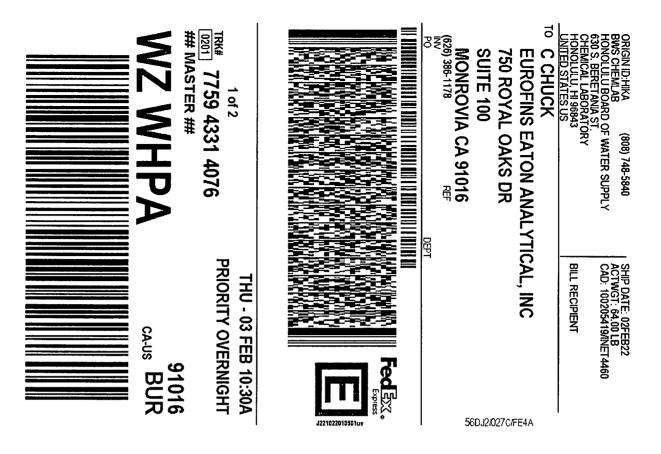


CHAIN OF CUSTODY RECORD

•		Eaton Analytical	FUROFINS FATON ANALYTICAL USE ONLY.	VTICALL	SFONI	, , ,	9018
			LOGIN COMMENTS:				SAMPLES CHECKED AGAINST COC BY:
750 Monr	Royal Og	750 Royal Oaks Drive, Suite 100 Monrovia CA 91016-3629				.79	SAMPLES LOGGED IN BY:
	000	000000000000000000000000000000000000000	SAMPLE TEMP RECEIVED AT:	'ED AT:			SAMPLES REC'D DAY OF COLLECTION? (check for yes)
Fax:	Filorie: 626 366 1101 Fax: 626 386 1101	Fax: 626 386 1100	Colton / No. California / Arizona	a / Arizo	na	70	_ °C (Compliance: 4 ± 2 °C)
800	SEG LAB	800 566 I ABS (800 566 5227)	Monrovia		,	2	_ °C (Compliance: 4 ± 2 °C)
8		(000 000 0551)	CONDITION OF BLUE ICE: Frozen	UE ICE:	Frozen	<	Partially Erozen Thawed Wet Ice No Ice
			METHOD OF SHIF	MENT:	Pick-Up	/ Wall	METHOD OF SHIPMENT: Pick-Up / Walk-In //FedEx/ UPS / DHL / Area Fast / Top Line / Other:
TO BE C	OMPLETE	TO BE COMPLETED BY SAMPLER:					(check for yes) (check for yes)
COMPA	NY/AGEN	COMPANY/AGENCY NAME:	PROJECT CODE:				Т
		BWS HONOLULU	Rec	Red Hill			- Requires state forms REGULATION INVOLVED: Type of samples (circle one): ROUTINE & PECIAL CONFIRMATION (eg. SDWA, Phase V, NPDES, FDA)
EEA CL	EEA CLIENT CODE:	DE: COC ID:	SAMPLE GROUP:			P	SEE ATTACHED BOTTLE ORDER FOR ANALYSES × (check for yes), <u>OR</u>
	Hon	Honolulu				P	list ANALYSES REQUIRED (enter number of bottles sent for each test for each sample)
TAT req	uested: r	TAT requested: rush by adv notice only	STD 1 wk _X_ 3 day_	2 day	1 day	ay	
SAMPLE STAG	SAMPLE 3MIT	SAMPLE ID	CLIENT LAB ID	• XIRTAM	АТАО ОЈЕЈ	АТАО ОЈЕЈЕ	SAMPLER SAMPLER Weekly Red I
242	0430	AIEA GULCH WELLS PUMP 1	HI0000331-201	CFW			×
227-2	COBO	AIEA GULCH WELLS PUMP 2	HI0000331-202	CFW			×
_		Temperature Blank					Temp Blank: 12.0 °C
* MAT	* MATRIX TYPES:	PES: RSW = Raw Surface Water RGW = Raw Ground Water	ter CFW = Chlor(am)inated Fireter FW = Other Finished Wate	ited Finis Water	nished Water r		SEAW = Sea WaterBW = Bottled WaterSO = SoilO = Other - Please IdentifyWW = Waste WaterSW = Storm WaterSL = Sludge
		SIGNATURE			PRINT NAME	AME	COMPANY/TITLE DATE TIME
SAMPLED BY:) BY:	and			Derek Dotson	otson	Honolulu Board of Water Supply 2~ (-2222
RELINQU	RELINQUISHED BY:	Mark 1			Derek Dotson	otson	Honolulu Board of Water Supply 2-2-222 (200)
RECEIVED BY:	RECEIVED BY: RELINQUISHED BY:	Unis Soche	Chros	Y	2400	3	4551 2.3.25 1524
RECEIVED BY:	D BY:					6/	
je :							PAGE 1 OF 1

ge 5 of 51 pages

	nalysis or not.	N/A				(c)		Results:		International clients: Samp ID Bottle # Nonel<6 >6mm T			TIME	6751	TIME	
RECORD	determine whether to proceed with a. S / NO	zen Thawed		ollection, within 8 hours		*C) (Corr.Factor *C) (Final *	ction)	Expiration Date		(see below): ditional bottles) ds using 40 ml vials, internall			DATE	2.3.25	DATE	
OF CUSTODY	SAMPLE TEMP RECEIVED: Note: If samples are out of temperature range, let the ASMs know. ASMs will determine whether to proceed with analysis or not. SAMPLES REC'D DAY OF COLLECTION? Yes / No SOFT. Factor 02 C (Final = 3.3 C)	Frozen X Partially Frozen Fozen	ection)	the same day as sample c	ion)	nal = 'C) 2 = (Observation = nal = 'C) 4 = (Observation =	after 24 hrs of sample colle	oe: 0 - 14	Kesuits	Samples with Headspace (see below): don Internal COFC for additional bottle , 556, 536, Anatoxin, LCMS methods using 40 ml vit Sample Bottle # Nonel-6 - 5mm Test	E C		COMPANY/TITLE	Eurofins Eaton Analytical	COMPANYTITLE	Eurofins Eaton Analytical
INTERNAL CHAIN OF CUSTODY RECORD	; ;	CONDITION OF ICE: Frozen X	(NELAP) (if received after 24 hrs of sample collection)	an (can be ≥10°C if received on ice	10°C (if received after 2 hours of sample collection)	1 = (Observation* **C) (Corr.Factor **C) (Final = 3 = (Observation* **C) (Corr.Factor **C) (Final =	een 0-4 °C, not frozen (if received a	Number:	ot No.: Expiration Date:	No Samples with Headspace: Headspace Documentation (use additional VOC and Radon Internal COFC for additional bottles) Tool Samo In Bottle Nonel/68 Series Test Samo D Bottle Nonel/68 Series Test Samo D Bottle Nonel/68 Series Test Samo D Bottle Nonel/6 Series Test Series	UII	e. potential sampling errors):	PRINT NAME	L Breek.	PRINT NAME	
	EEA Folder Number: 985166 IR Gun ID = 900 (Observation=3.5)	TYPE OF ICE: Real Synthetic No Ice CONDITION OF ICE: Frozen R Par METHOD OF SHIPMENT: Pick-Up / Walk-In //Fedex/ UPS / DHL / Area Fast / Top Line / Other:	Compliance Acceptance Criteria: 1) Chemistry: >0, ≤ 6°C, not frozen (NELAP) (if	2) Microbiology, Distribution: < 10°C, not frozen (can be ≥10°C if received on ice the same day as sample collection, within 8 hours)	3) Microbiology, Surface Water: < 10°C (if rece	If out of temperature range for both Chemistry and Microbiology samples and temperature does not confirm, then measure the temperature of each quadrant and record each temperature of the quadrants	4 Dioxin (1613 or 2,3,7,8 TCDD): must be between 0-4 °C, not frozen (if received after 24 hrs of sample collection)		6) Chlorine check, Manufacturer: Sansafe. Lot No.:	VOA and Radon Headspace: Exempt from headspa	Sample downers mm	Note Sample IDs which have dissimilar headspace (i.e. potential sampling errors):	SIGNATURE	RECEIPED BY	SIGNATURE	SAMPLES CHECKED AGAINST COC BY:



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Laboratory Comments

Tel: (626) 386-1100 Fax: (866) 988-3757

1 800 566 LABS (1 800 566 5227)

Report: 985106 Project: RED-HILL

Group: Red-Hill Expanded List

(Albuquerque+)

Honolulu Board of Water Supply Erwin Kawata 630 South Beretania Street Public Service Bldg." Room 308 Honolulu, HI 96843

Folder Comments

Results for TPH Gas, Diesel, Motor Oil and Jet Fuels are submitted by EMAX Laboratories

Subcontracted Data -- Please review Subcontractor's report in full. EEA enters Subcontractor data into EEA system for archive tracking purposes of final result. EEA reports results to 2 sigfig. See subcontractor's report for Qualifier definition.

ND reporting (subcontract lab reports)

MDL is listed due to report format restrictions; it is not used in reporting. Analytical results reported as ND, are ND at the RL.



Laboratory Hits

Report: 985106 Project: RED-HILL

Group: Red-Hill Expanded List

(Albuquerque+)

Tel: (626) 386-1100 Fax: (866) 988-3757 1 800 566 LABS (1 800 566 5227)

Honolulu Board of Water Supply

Erwin Kawata 630 South Beretania Street Public Service Bldg." Room 308 Honolulu, HI 96843 Samples Received on: 02/03/2022 1524

Analyzed	Analyte	Sample ID	Result	HI Limit	Units	MRL





Tel: (626) 386-1100 Fax: (866) 988-3757

1 800 566 LABS (1 800 566 5227)

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Erwin Kawata 630 South Beretania Street Public Service Bldg." Room 308 Honolulu, HI 96843 Samples Received on: 02/03/2022 1524

Prepped	Analyzed	Prep Batch	Analytical Batch	Method	Analyte	Result	Units	MRL	Dilution
AIEA GU	LCH WELLS	S PUMP 1 (3	331-201-TP071)	(20220203078	<u>86)</u>	Sam	pled on 02/01	/2022 093	0
		ity ID: TP071							
	Sample Po	INT ID: 201 NSID: HI00003	331						
		SW 8015B	- (SUB)Gas Fra	ction Hydroca	arbons				
02/04/22	02/04/22 20:34			(SW 8015B)	(SUB)Gas Fraction Hydrocarbons	ND	mg/L	0.02	1
		SW 8015B	- TPH 8015 Dies	sel and Motor	Oil				
02/07/22	02/08/22 18:18			(SW 8015B)	TPH Diesel	ND	mg/L	0.024	1
02/07/22	02/08/22 18:18			(SW 8015B)	TPH Motor Oil	ND	mg/L	0.048	1
		EPA 8015 -	Jet Fuel 5 C8-C	C18					
02/07/22	02/08/22 18:18			(EPA 8015)	Jet Fuel 5	ND	mg/L	0.048	1
		EPA 8015 -	Jet Fuel 8 C8-C	C18					
(02/08/22 18:18			(EPA 8015)	Jet Fuel 8	ND	mg/L	0.048	1
TRAVEL	BLANK::AI	EA GULCH	WELLS PUMP 1	I (331-201-TP	071) (202202030787)	Sam	pled on 02/01	/2022 093	0
				,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	, <u>, </u>		p		•
		SW 8015B	- (SUB)Gas Fra	ction Hydroca	arbons				
02/04/22	02/04/22 21:11			(SW 8015B)	(SUB)Gas Fraction Hydrocarbons	ND	mg/L	0.02	1
AIEA GU	LCH WELLS	S PUMP 2 (3	331-202-TP072)	(20220203078	88)	Sam	pled on 02/01	/2022 093	0
		ity ID: TP072					•		
	Sample Po								
	P\	NSID: HI00003	छ। - (SUB)Gas Frae	otion Hydroc	arbone				
02/04/22 (02/04/22 21:47	3W 00 13D	- (SUB)Gas Flat	(SW 8015B)	(SUB)Gas Fraction Hydrocarbons	ND	mg/L	0.02	1
02/04/22	JZ/U4/ZZ Z 1.47	CW COAFD	- TPH 8015 Dies	,	•	ND	mg/L	0.02	'
02/07/22 (02/08/22 18:36	3W 00 13D	- IPH OUTS DIES		TPH Diesel	ND	mg/L	0.024	1
	02/08/22 18:36			(SW 8015B)	TPH Motor Oil	ND	ū	0.024	1
02/01/22	02/06/22 16.30	ED4 0045		(SW 8015B)	TEN MOTOLOU	ND	mg/L	0.040	1
00/07/00	00/00/00 40.00	EPA 8015 -	Jet Fuel 5 C8-C		lat Fire C	ND		0.040	4
02/07/22 (02/08/22 18:36		=	(EPA 8015)	Jet Fuel 5	ND	mg/L	0.048	1
,	00/00/00 40.00	EPA 8015 -	Jet Fuel 8 C8-C		Int Fred O	ND		0.040	
	02/08/22 18:36			(EPA 8015)	Jet Fuel 8	ND	mg/L	0.048	1
TRAVEL	BLANK::AI	EA GULCH	WELLS PUMP 2	2 -331-202-TP	072 (202202030789)	Sam	pled on 02/01	/2022 093	0
		SW 8015B	- (SUB)Gas Fra	ction Hydroca	arbons				
02/04/22	02/04/22 22:24			(SW 8015B)	(SUB)Gas Fraction Hydrocarbons	ND	mg/L	0.02	1



3051 Fujita Street Torrance, CA 90505 Tel: (310)-618-8889

Date: 02-16-2022

EMAX Batch No.: 22B052

Attn: Jackie Contreras

Eurofins Eaton Analytical 750 Royal Oaks Dr., Suite 100 Monrovia, CA 91016-3629

Subject: Laboratory Report

Project: 985106

Enclosed is the Laboratory report for samples received on 02/04/22. The data reported relate only to samples listed below:

Sample ID	Control # Col Date	Matrix	Analysis
202202030786	B052-01 02/01/22	WATER	TPH GASOLINE TPH
202202030787	в052-02 02/01/22	WATER	TPH GASOLINE
202202030788	B052-03 02/01/22	WATER	TPH GASOLINE TPH
202202030789	B052-04 02/01/22	WATER	TPH GASOLINE

The results are summarized on the following pages.

Please feel free to call if you have any questions concerning these results.

Sincerely

Caspar J. Pang

Laboratory Director

This report is confidential and intended solely for the use of the individual or entity to whom it is addressed. This report shall not be reproduced except in full or without the written approval of EMAX.

EMAX certifies that results included in this report meets all TNI & DOD requirements unless noted in the Case Narrative.

NELAP Accredited Certificate Number CA002912021-19 ANAB Accredited DoD ELAP and ISO/IEC 17025 Certificate Number L2278 Testing California ELAP Accredited Certificate Number 2672

EMAX Laboratories, Inc.

3051 Fujita St.

Torrance, CA 90505

Submittal Form

Date: 2/4/2022

250922

*REPORTING REQUIRMENTS: Do Not Combine Reports with any other samples submitted under different Folder Numbersl Report & Invoice must have the Folder# 985106 Job # 1000014

Report all quality control data according to Method, Include dates analyzed. Date extracted (if extracted) and Method reference on the report. Results must have Complete data & QC with Approval Signature.

Reports: Jackie Contreras Sub-Contracting Administrator

Exp Date for requested tests + matrix. Specified StateCertification # and Provide in each Report the

Samples from: HAWAII

Eurofins Eaton Analytical, LLC 750 Royal Oaks Drive, Suite 100, Monrovia, CA 91016 Accounts Payable 2425 New Holland Pike, Lancaster, PA 17605 EMAIL TO: Eaton-MonroviaSubContract@eurofinset.com nvoices to: Eurofins Eaton Analytical, LLC Phone (626) 386-1165 Fax (626) 386-1122

2-3 day rush

Fax: 310-618-0818

Phone: 310-618-8889

Report Due:

Folder #:

985106

02/08/2022

SI **PWSID** Static ID: Clip Code Sample Date & Time Matrix Sample Point ID: 02/01/22 0930 Facility ID: AIEA GULCH WELLS PUMP 1 (331-201-TP071) Client Sample ID for reference on! Sample Event: 202202030786 Sample type: Sample ID

(SUB)Gas Fraction Hydrocarbons TPH 8015 Diesel and Motor Oil **Analysis Requested** Jet Fuel 5 C8-C18 **Prep Method EPA 5030C EPA 3550B EPA** 8015 SW 8015B SW 8015B **EPA** 8015 Method

Sample Date & Time Matrix 02/01/22 0930 DW Jet Fuel 8 C8-C18 Sample ID **EPA** 8015

Client Sample ID for reference onl TRAVEL BLANK::AIEA GULCH WELLS PUMP 1 (331-201-TP071) 202202030787

SILS

PWSID

Clip Code

Static ID:

Sample Point ID:

Facility ID:

Sample Event:

Sample type:

SW 8015B

Method

(SUB)Gas Fraction Hydrocarbons **Analysis Requested** Prep Method **EPA 5030C** NOTIFICATION REQUIRED IF RECEIVED OUTSIDE OF 0-6 CELSIUS

An Acknowledgement of Receipt is requested to attn. Jackie Contreras

Date 2/4/2/ Time 12:05

Date 27

Sample Control

Relinquished by:

Received by:

Temp: 04.4°

@ 4.0°

Page 1 of 2

Time

Date Date

Sample Control

Relinquished by:

Received by:

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REPORT ID: 22B052750 Royal Oaks Drive, Suite 100, Monrovia, CA 91016 Tel (626) 386-1100 Fax (866) 988-3757 www.EurofinsUS.com/Eaton

Page 2 of 41

Sample ID Client Sample ID for reference on AIEA GULCH WELLS PUMP 2 (331-202-TP072) Sample Date & Time Matrix and AIEA GULCH WELLS PUMP 2 (331-202-TP072) Sample BAIE GULCH WELLS PUMP 2 (331-202-TP072) Puls Bail of AIEA GULCH WELLS PUMP 2 (331-202-TP072) Puls
--

	Prep Method	Analysis Requested
SW 8015B	EPA 5030C	(SUB)Gas Fraction Hydrocarbons
SW 8015B	EPA 3550B	TPH 8015 Diesel and Motor Oil
EPA 8015	EPA 8015	Jet Fuel 5 C8-C18
EPA 8015		Jet Fuel 8 C8-C18
Sample ID 202202030789	Client Sample IC TRAVEL BLANK::A	Client Sample ID for reference onl TRAVEL BLANK::AIEA GULCH WELLS PUMP 2 -331-202-TP072 Sample Date & Time Matrix Clip Code PWSID 02/01/22 0930 DW

Static ID:

Sample Point ID:

Facility ID:

Sample Event:

Sample type:

(SUB)Gas Fraction Hydrocarbons **Analysis Requested** Prep Method EPA 5030C Method SW 8015B NOTIFICATION REQUIRED IF RECEIVED OUTSIDE OF 0-6 CELSIUS

An Acknowleggement of Receipt is requested to attn. Jackie Contreras

Date 214/22 Time 12:05

Date HA

Sample Control

Relinquished by:

Time Time

Date_ Date

Sample Control

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Page 2 of 2
REPORT ID: 22B05250 Royal Oaks Drive, Suite 100, Monrovia, CA 91016 Tel (626) 386-1100 Fax (866) 988-3757 www.EurofinsUS.com/Eaton

Page 13 of 51 pages

Relinquished by:

Received by:

Received by:

Reference: Addendum SM02.11.1

Form: SM02F1

Type of De	elivery	Ĭ	Airbill / Tracki	ng Number	ECN 220052	
□ Fedex □ UPS □ GSO					Recipient Alan Ramo	5
□ EMAX Courier □ Client Deli	very				Date 02/04/22	Time 12:05
COCINEDECTION						
COC INSPECTION D Client Name	Client PM/FC		☐ Sampler Name	Sampling Date/Time	Sample ID	Matrix
Address	7 Tel # / Fax #		☐ Courier Signature	Analysis Required	☐ Preservative (if any)	TAT
Safety Issues (if any)	☐ High concentrations exp	ected	☐ From Superfund Site	☐ Rad screening required	Li reservative (ii any)	<i>F</i> 1
Note:	Li Tilgii concentiations exp	cotou	E Trom Superiand Site	— xaa sereemiig required		
Tvote,			······································		William Committee Committe	
PACKAGING INSPECTION						
Container	Cooler Cooler		□ Box	☐ Other		
Condition	Custody Seal		☐ Intact	☐ Damaged		
Packaging	Bubble Pack	,	☐ Styrofoam	□ Popcorm ·	☐ Sufficient	<u> </u>
Temperatures	Cooler 1 <u>4.4</u> °C	⊅ Coo	oler 2 <u>1.0</u> °C	☐ Cooler 3°C	Cooler 4°C	Cooler 5°C
(Cool, ≤6 °C but not frozen)	☐ Cooler 6 °C A - S/N 210191066	□ Coo	oler 7°C B-)S/N_210271396	Cooler 8°C	Cooler 9°C	☐ Cooler 10°C
Thermometer:	A-S/N 210191066 a. 1	144		C-S/N 210271399	D - S/N	•
Comments: Temperature is ou	t of range. PM was informe	d IMM	EDIATELY.			
Note:						
DISCREPANCIES						
LabSampleID	LabSampleContainerID	Code	ClientSample La	bel ID / Information	Corrective A	Action
1	1-3	722	vials read TPH		n G	1011011
	11.0	-	Motor Oil, Tet		10	
	11 /2 7	022	ambers read t			
	4,6,7					
1,3	5,8,9,15-23	02	Jet Fuel 8 is	not indicated	V	
			on label			· · ·
				11		
				- cd4/2	/	
		****	1 - £			मि यागर
☐ pH holding time requirement	t for water samples is 15 m	uns. w	ater samples for pri analy	sis are received beyond 15 n	ninutes from sampling time.	100) 41410-
NOTES/OBSERVATIONS:				··		
		·				
,						
LEGEND:					☐ Continue to next pag	je.
Code Description- Sample Mana	agement	Code	Description-Sample Mana	gement	Code Description-Sample Mana	gement
D1 Analysis is not indicated in	· .		Out of Holding Time		R1 Proceed as indicated in CO	•
(D2) Analysis mismatch COC vs			Bubble is >6mm		R2 Refer to attached instruction	
D3 Sample ID mismatch COC			No trip blank in cooler		R3 Cancel the analysis	
D4 Sample ID is not indicated i			Preservation not indicated in	n	R4 Use vial with smallest bubble f	ĭrst
D5 Container -[improper] [leak			Preservation mismatch COC		R5 Log-in with latest sampling dat	
D6 Date/Time is not indicated in	-		Insufficient chemical preser		R6 Adjust pH as necessary	
D7 Date/Time mismatch COC:			Insufficient Sample		R7 Filter and preserved as necessar	ry
D8 Sample listed in COC is not			No filtration info for dissolv	ved analysis	R8	•
D9 Sample received is not liste			No sample for moisture determ	•		
D10 No initial/date on correction		622			D10	
D11 Container count mismatch (D23		· · · · · · · · · · · · · · · · · · ·	R11	
D12 Container size mismatch CO	/1	D24			R12	
DEVIEWS	JUCELYNP 1//2	<i>, T</i>	J			nA
Sample Labeling	Solis-Rumer /	μl	SRF	(Clulia)	PM	IND
Date	02/04/22	w	Date		Date	2/10/22
Duite				110		114

REPORTING CONVENTIONS

DATA QUALIFIERS:

Lab Qualifier	AFCEE Qualifier	Description
J	F	Indicates that the analyte is positively identified and the result is less than RL but greater than MDL.
N		Indicates presumptive evidence of a compound.
В	В	Indicates that the analyte is found in the associated method blank as well as in the sample at above QC level.
Е	J	Indicates that the result is above the maximum calibration range or estimated value.
*	*	Out of QC limit.

Note: The above qualifiers are used to flag the results unless the project requires a different set of qualification criteria.

ACRONYMS AND ABBREVIATIONS:

CRDL	Contract Required Detection Limit
RL	Reporting Limit
MRL	Method Reporting Limit
PQL	Practical Quantitation Limit
MDL	Method Detection Limit
DO	Diluted out

DATES

The date and time information for leaching and preparation reflect the beginning date and time of the procedure unless the method, protocol, or project specifically requires otherwise.

LABORATORY REPORT FOR

EUROFINS EATON ANALYTICAL

985106

METHOD 5030B/8015B TOTAL PETROLEUM HYDROCARBONS BY PURGE AND TRAP

SDG#: 22B052

Client : EUROFINS EATON ANALYTICAL

Project: 985106

SDG : 22B052

METHOD 5030B/8015B

TOTAL PETROLEUM HYDROCARBONS BY PURGE AND TRAP

A total of four (4) water samples were received on 02/04/22 to be analyzed for Total Petroleum Hydrocarbons by Purge and Trap in accordance with Method 5030B/8015B and project specific requirements.

Holding Time

Samples were analyzed within the prescribed holding time.

Calibration

Multi-calibration points were generated to establish initial calibration (ICAL). ICAL was verified using a secondary source (ICV). Continuing calibration (CCV) verifications were carried out on a frequency specified by the project. All calibration requirements were within acceptance criteria. Refer to calibration summary forms of ICAL, ICV and CCV for details. MRL was analyzed as required by the project. Refer to MRL summary form for details.

Method Blank

Method blank was prepared and analyzed at the frequency required by the project. For this SDG, one(1) method blank was analyzed. VG39B02B - result was compliant to project requirement. Refer to sample result summary form for details.

Lab Control Sample

Lab control sample was prepared and analyzed at a frequency required by the project. For this SDG, one(1) set of LCS/LCD was analyzed. VG39B02L/VG39B02C were within LCS limits. Refer to LCS summary form for details.

Matrix QC Sample

Matrix spike sample was prepared and analyzed at a frequency required by the project. For this SDG, one(1) set of MS/MSD was analyzed. Gasoline was within MS QC limits in B027-01M/B027-01S. Refer to Matrix QC summary form for details.

Surrogate

Surrogate was added on QC and field samples. All surrogate recoveries were within QC limits. Refer to sample result summary forms for details.

Sample Analysis

Samples were analyzed according to prescribed analytical procedures. Results were evaluated in accordance to project requirements. For this SDG, all quality control requirements were met.

LAB CHRONICLE TOTAL PETROLEUM HYDROCARBONS BY PURGE AND TRAP

Client	Client : EUROFINS EATON ANALYTICAL	ANALYTICAL		1					SDG NO. : 22B052
	985106								Instrument ID : GCT039
					WATER	ER			
Client		Laboratory Dilution	Dilution	%	Analysis	Extraction	Sample	Calibration Prep.	n Prep.
Sample ID		Sample ID	Factor	Moist	DateTime	DateTime	Data FN	Data FN	Batch Notes
1		1 1 1 1 1 1	1 1 1	1 1 1	1 1 1 1 1 1 5 3 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		: : : : : : : : : : : : : : : : : : : :	
MBLK1W		VG39B02B	-	NA	02/04/2212:04	02/04/2212:04	EB04005A	EB04003A	22VG39B02 Method Blank
LCS1W		VG39B02L	-	AN	02/04/2212:40	02/04/2212:40	EB04006A	EB04003A	22VG39B02 Lab Control Sample (LCS)
LCD1W		VG39B02C	-	NA	02/04/2213:17	02/04/2213:17	EB04007A	EB04003A	22VG39B02 LCS Duplicate
202202030786	S	B052-01	-	NA	02/04/2220:34	02/04/2220:34	EB04019A	EB04014A	22VG39B02 Field Sample
202202030787	~	8052-02	_	NA	02/04/2221:11	02/04/2221:11	EB04020A	EB04014A	22VG39B02 Field Sample
202202030788	æ	B052-03	_	NA	02/04/2221:47	02/04/2221:47	EB04021A	EB04014A	22VG39B02 Field Sample
202202030789	, •	B052-04	_	AN	02/04/2222:24	02/04/2222:24	EB04022A	EB04014A	22VG39B02 Field Sample

SAMPLE RESULTS

: EUROFINS EATON ANALYTICAL Date Collected: 02/01/22 09:30

Project : 985106
Batch No. : 228052
Sample ID : 202202030786 Date Received: 02/04/22 Date Extracted: 02/04/22 20:34 Date Analyzed: 02/04/22 20:34

Lab Samp ID: B052-01 Dilution Factor: 1 Matrix: WATER Lab File ID: EB04019A

% Moisture: NA Ext Btch ID: 22VG39B02 Calib. Ref.: EB04014A Instrument ID: 39

RESULTS PARAMETERS (mg/L) (mg/L) (mg/L) ______ 0.020 0.010 GASOLINE

QC LIMIT SPK AMT SURROGATE PARAMETERS RESULT %RECOVERY 0.0400 60-140 0.0328 Bromofluorobenzene

Notes:

Parameter H-C Range Gasoline C6-C10

Reported ND at RL quantitated per pattern recognition.

Detection limits are reported relative to sample result significant figures.

Sample Amount : 5ml Final Volume: 5ml

Prepared by : SCerva Analyzed by : SCerva

: EUROFINS EATON ANALYTICAL Date Collected: 02/01/22 09:30 Client

Project : 985106 Date Received: 02/04/22 Batch No. : 228052 Date Extracted: 02/04/22 21:11 Sample ID : 202202030787 Date Analyzed: 02/04/22 21:11

Lab Samp ID: B052-02 Dilution Factor: 1 Lab File ID: EB04020A Matrix: WATER Ext Btch ID: 22VG39B02 % Moisture: NA Calib. Ref.: EB04014A Instrument ID: 39

RESULTS R1 PARAMETERS (mg/L) (mg/L) (mg/L) GASOLINE 0.020

SURROGATE PARAMETERS RESULT SPK AMT %RECOVERY QC LIMIT 0.0324 0.0400 81 60-140 Bromofluorobenzene

Notes:

Parameter H-C Range C6-C10 Gasoline

Reported ND at RL quantitated per pattern recognition.

Detection limits are reported relative to sample result significant figures.

Final Volume: 5ml Sample Amount : 5ml Prepared by : SCerva Analyzed by : SCerva

Client : EUROFINS EATON ANALYTICAL Date Collected: 02/01/22 09:30

Project : 985106 Batch No. : 22B052 Sample ID : 202202030788 Date Received: 02/04/22 Date Extracted: 02/04/22 21:47

Date Analyzed: 02/04/22 21:47 Lab Samp ID: B052-03 Dilution Factor: 1

Lab File ID: EB04021A Matrix: WATER Ext Btch ID: 22VG39B02 % Moisture: NA Calib. Ref.: EB04014A Instrument ID: 39

RESULTS RL MDT (mg/L) (mg/L) PARAMETERS (mg/L) 0.010 0.020 GASOLINE

SURROGATE PARAMETERS RESULT SPK_AMT %RECOVERY QC LIMIT Bromofluorobenzene 0.0318 0.0400 60~140

Notes:

Parameter H-C Range Gasoline C6-C10

Reported ND at RL quantitated per pattern recognition.

Detection limits are reported relative to sample result significant figures.

Sample Amount : 5ml Final Volume: 5ml

Prepared by : SCerva Analyzed by : SCerva

Client : EUROFINS EATON ANALYTICAL Date Collected: 02/01/22 09:30

Project : 985106 Batch No. : 228052 Date Received: 02/04/22

Date Extracted: 02/04/22 22:24 Sample ID : 202202030789 Date Analyzed: 02/04/22 22:24

Lab Samp ID: B052-04 Dilution Factor: 1 Lab File ID: EB04022A Matrix: WATER Ext Btch ID: 22VG39B02 % Moisture: NA

Instrument ID: 39 Calib. Ref.: EB04014A

MDL RI

RESULTS
 RESULTS
 RL
 MDL

 (mg/L)
 (mg/L)
 (mg/L)
 PARAMETERS -----ND 0.020 0.010 GASOLINE

SURROGATE PARAMETERS RESULT SPK_AMT %RECOVERY QC LIMIT Bromofluorobenzene 0.0324 0.0400 81 60-140

Notes:

Parameter H-C Range C6-C10 Gasoline

Reported ND at RL quantitated per pattern recognition.

Detection limits are reported relative to sample result significant figures.

Sample Amount : 5ml Final Volume : 5ml

Prepared by : SCerva Analyzed by : SCerva

QC SUMMARIES

Client : EUROFINS EATON ANALYTICAL Date Collected: 02/04/22 12:04

Date Received: 02/04/22

Project : 985106 Batch No. : 22B052 Sample ID : MBLK1W Date Extracted: 02/04/22 12:04 Date Analyzed: 02/04/22 12:04

Lab Samp ID: VG39B02B Dilution Factor: 1 Matrix: WATER Lab File ID: EB04005A Ext Btch ID: 22VG39B02 % Moisture: NA Instrument ID: 39 Calib. Ref.: EB04003A

RESULTS RL MDT PARAMETERS (mg/L) (mg/L) (mg/L) 0.020 0.010 GASOLINE

RESULT SPK_AMT %RECOVERY QC LIMIT SURROGATE PARAMETERS 0.0340 0.0400 60-140 Bromofluorobenzene

Notes:

Parameter H-C Range C6-C10 Gasoline

Reported ND at RL quantitated per pattern recognition.

Detection limits are reported relative to sample result significant figures.

Sample Amount : 5ml Final Volume: 5ml

Analyzed by : SCerva Prepared by : SCerva

EMAX QUALITY CONTROL DATA LAB CONTROL SAMPLE ANALYSIS

CLIENT

: EUROFINS EATON ANALYTICAL

PROJECT BATCH NO.

: 985106 : 22B052

METHOD

: 5030B/8015B

MATRIX : WATER DILUTION FACTOR: 1

% MOISTURE:NA

SAMPLE ID

: MBLK1W LAB SAMPLE ID : VG39B02B LCS1W

LCD1W

LAB FILE ID : EB04005A DATE PREPARED : 02/04/22 12:04

VG39B02L EB04006A

VG39B02C EB04007A 02/04/22 13:17

DATE ANALYZED : 02/04/22 12:04 PREP BATCH : 22VG39B02 CALIBRATION REF: EB04003A

02/04/22 12:40 02/04/22 12:40 22VG39B02 EB04003A

02/04/22 13:17 22VG39B02 EB04003A

ACCESSION:

MBResult SpikeAmt LCSResult LCSRec SpikeAmt LCDResult LCDRec QCLimit MaxRPD PARAMETERS (mg/L) (mg/L) (mg/L) (%) (mg/L) (mg/L) (%) (%) (%) (%) 0.500 0.495 0.500 99 106 30 ND 0.529 7 60-130 Gasoline

SURROGATE PARAMETER	SpikeAmt (mg/L)	(mg/L)	LCSRec (%)	SpikeAmt (mg/L)	LCDResult (mg/L)	LCDRec (%)	QCL1m1t (%)
Bromofluorobenzene	0.0400	0.0447	112	0.0400	0.0468	117	70-130

MB: Method Blank sample LCS: Lab Control Sample LCD: Lab Control Sample Duplicate

EMAX QUALITY CONTROL DATA MS/MSD ANALYSIS

CLIENT

: EUROFINS EATON ANALYTICAL

PROJECT BATCH NO. : 984843 : 22B027

METHOD

: 5030B/8015B

MATRIX	:	WATER

% MOISTURE:NA

DILUTION FACTOR: 1

Bromofluorobenzene

SAMPLE ID : 202202021472

LAB SAMPLE ID : B027-01

202202021472MS

202202021472MSD

B027-01M

B027-01S

LAB FILE ID : EB04008A

EB04010A

EB04009A

02/04/22 15:06

DATE PREPARED : 02/04/22 13:53

02/04/22 14:30

DATE ANALYZED : 02/04/22 13:53

02/04/22 14:30

0.0399

02/04/22 15:06

0.0456

60-140

PREP BATCH : 22VG39B02 CALIBRATION REF: EB04003A

22VG39B02 EB04003A

22VG39B02 EB04003A

ACCESSION:

PARAMETERS	PSResult (mg/L)	SpikeAmt (mg/L)	MSResult (mg/L)	MSRec (%)	SpikeAmt (mg/L)	MSDResult (mg/L)	MSDRec (%)	RPD (%)	QCLimit (%)	MaxRPD (%)
Gasoline	ND	0.500	0.458	92	0.500	0.497	99	8	50-130	30
	=======================================	:::::::::::::::::::::::::::::::::::::::			=======		======	======:	========	=======================================
SURROGATE PARAMETER		SpikeAmt (mg/L)	MSResult (mg/L)	MSRec (%)	SpikeAmt (mg/L)	MSDResult (mg/L)	MSDRec (%)		QCLimit (%)	

100

0.0400

PS: Parent Sample MS: Matrix Spike MSD: Matrix Spike Duplicate

0.0400

LABORATORY REPORT FOR

EUROFINS EATON ANALYTICAL

985106

METHOD 3520C/8015B TOTAL PETROLEUM HYDROCARBONS BY EXTRACTION

SDG#: 22B052

Client: EUROFINS EATON ANALYTICAL

Project: 985106

SDG : 22B052

METHOD 3520C/8015B TOTAL PETROLEUM HYDROCARBONS BY EXTRACTION

A total of two(2) water samples were received on 02/04/22 to be analyzed for Total Petroleum Hydrocarbons by Extraction in accordance with Method 3520C/8015B and project specific requirements.

Holding Time

Samples were analyzed within the prescribed holding time.

Calibration

Multi-calibration points were generated to establish initial calibration (ICAL). ICAL was verified using a secondary source (ICV). Continuing calibration (CCV) verifications were carried out on a frequency specified by the project. All calibration requirements were within acceptance criteria. Refer to calibration summary forms of ICAL, ICV and CCV for details. MRL was analyzed as required by the project. Refer to MRL summary form for details.

Method Blank

Method blank was prepared and analyzed at the frequency required by the project. For this SDG, one(1) method blank was analyzed. DSB009WB - result was compliant to project requirement. Refer to sample result summary form for details.

Lab Control Sample

Lab control sample was prepared and analyzed at a frequency required by the project. For this SDG, one(1) LCS was analyzed. Percent recovery for Diesel was within LCS QC limits in DSB009WL. Refer to LCS summary form for details.

Matrix QC Sample

No matrix QC sample was provided on this SDG. one(1) set of MS/MSD was analyzed. Diesel was within MS QC limits in 22B027-01M/22B027-01S. Refer to Matrix QC summary form for details.

Surrogate

Surrogates were added on QC and field samples. All surrogate recoveries were within QC limits. Refer to sample result summary forms for details.

Sample Analysis

Samples were analyzed according to prescribed analytical procedures. Results were evaluated in accordance to project requirements. For this SDG, all quality control requirements were met.

Client: EUROFINS EATON ANALYTICAL

Project: 985106

SDG : 22B052

METHOD 3520C/8015B PETROLEUM HYDROCARBONS BY EXTRACTION

A total of two(2) water samples were received on 02/04/22 to be analyzed for Petroleum Hydrocarbons by Extraction in accordance with Method 3520C/8015B and project specific requirements.

Holding Time

Samples were analyzed within the prescribed holding time.

Calibration

Multi-calibration points were generated to establish initial calibration (ICAL). ICAL was verified using a secondary source (ICV). Continuing calibration (CCV) verifications were carried out on a frequency specified by the project. All calibration requirements were within acceptance criteria. Refer to calibration summary forms of ICAL, ICV and CCV for details. MRL was analyzed as required by the project. Refer to MRL summary form for details.

Method Blank

Method blank was prepared and analyzed at the frequency required by the project. For this SDG, one(1) method blank was analyzed. DSB009WB - result was compliant to project requirement. Refer to sample result summary form for details.

Lab Control Sample

Lab control sample was prepared and analyzed at a frequency required by the project. For this SDG, one(1) LCS was analyzed. Percent recovery for JP5 was within LCS QC limits in J5B009WL. Refer to LCS summary form for details.

Matrix QC Sample

No matrix QC sample was provided on this SDG. one(1) set of MS/MSD was analyzed. JP5 was within MS QC limits in 22B027-01M/22B027-01S. Refer to Matrix QC summary form for details.

Surrogate

Surrogates were added on QC and field samples. All surrogate recoveries were within QC limits. Refer to sample result summary forms for details.

Sample Analysis

Samples were analyzed according to prescribed analytical procedures. Results were evaluated in accordance to project requirements. For this SDG, all quality control requirements were met.

Client: EUROFINS EATON ANALYTICAL

Project: 985106

SDG : 22B052

METHOD 3520C/8015B PETROLEUM HYDROCARBONS BY EXTRACTION

A total of two(2) water samples were received on 02/04/22 to be analyzed for Petroleum Hydrocarbons by Extraction in accordance with Method 3520C/8015B and project specific requirements.

Holding Time

Samples were analyzed within the prescribed holding time.

Calibration

Multi-calibration points were generated to establish initial calibration (ICAL). ICAL was verified using a secondary source (ICV). Continuing calibration (CCV) verifications were carried out on a frequency specified by the project. All calibration requirements were within acceptance criteria. Refer to calibration summary forms of ICAL, ICV and CCV for details. MRL was analyzed as required by the project. Refer to MRL summary form for details.

Method Blank

Method blank was prepared and analyzed at the frequency required by the project. For this SDG, one (1) method blank was analyzed. DSB009WB - result was compliant to project requirement. Refer to sample result summary form for details.

Lab Control Sample

Lab control sample was prepared and analyzed at a frequency required by the project. For this SDG, one(1) LCS was analyzed. Percent recovery for JP8 was within LCS QC limits in J8B009WL. Refer to LCS summary form for details.

Matrix QC Sample

No matrix QC sample was provided on this SDG. one(1) set of MS/MSD was analyzed. JP8 was within MS QC limits in 22B027-01M/22B027-01S. Refer to Matrix QC summary form for details.

Surrogate

Surrogates were added on QC and field samples. All surrogate recoveries were within QC limits. Refer to sample result summary forms for details.

Sample Analysis

Samples were analyzed according to prescribed analytical procedures. Results were evaluated in accordance to project requirements. For this SDG, all quality control requirements were met.

REPORT ID: 22B052

LAB CHRONICLE TOTAL PETROLEUM HYDROCARBONS BY EXTRACTION

lient .	Client · FIRDEINS FATON ANALYTICAL		ı					SDG NO. : 228052
	: 985106							Instrument ID : D5
ii ii				***************************************				
				WAT	WATER			
Client	Laboratory	Dilution	%	Analysis	Extraction	Sample	Calibration Prep.	ı Prep.
Sample ID	Sample ID	Sample ID Factor	Moist	DateTime	DateTime	Data FN	Data FN	Batch Notes
- :	f ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ;	1 1 2 1	1 1 1	1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1	1 1 1 1	1 1 1	
MRI K1U	DSB009WB	-	AN	02/08/2213:42	02/07/2210:15	LB08011A	LB08004A	22DSB009W Method Blank
I CS 1W	DSB009WL	-	NA	02/08/2214:00	02/07/2210:15	LB08012A	LB08004A	22DSB009W Lab Control Sample (LCS)
202202030786	8052-01	_	N	02/08/2218:18	02/07/2210:15	LB08026A	LB08004A	22DSB009W Field Sample
202202030788	B052-03	.	NA	02/08/2218:36	02/07/2210:15	LB08027A	LB08004A	22DSB009W Field Sample

FN - Filename % Moist - Percent Moisture

LAB CHRONICLE PETROLEUM HYDROCARBONS BY EXTRACTION

				; ; ; ;						טטטככ
Client	: EUROFINS EATON ANALYTICAL	ANALYT I CAL							SUG NO.	2CD922
Project	: 985106								Instrument ID : D5	D5
				## 11 11 11 11 11 11		***************************************				
						í.				
					WALEK	X.				
Client		Laboratory	Dilution	%	Analysis	Extraction	Sample	Calibration Prep.	n Prep.	
Sample ID		Sample ID Factor	Factor	Moist	Datelime	Datelime	Data FN	Data FN	Batch Notes	
1 1 1 1		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1		1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	;	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	***********
MBLK1W		DSB009WB	-	NA	02/08/2213:42	02/07/2210:15	LB08011A	LB08005A	22DSB009W Method Blank	Blank
LCS1W		J5B009WL	_	AN	02/08/2214:19	02/07/2210:15	LB08013A	LB08005A	22DSB009W Lab Control Sample (LCS)	trol Sample (LCS)
202202030	982	B052-01	_	NA	02/08/2218:18	02/07/2210:15	LB08026A	LB08005A	22DSB009W Field Sample	ample
202202030788	788	B052-03	-	NA	02/08/2218:36	02/07/2210:15	LB08027A	LB08005A	22DSB009W Field Sample	ample

FN - Filename % Moist - Percent Moisture

LAB CHRONICLE
PETROLEUM HYDROCARBONS BY EXTRACTION

Client	Client : EUROFINS EATON ANALYTICAL	ANALYTICAL							SDG NO.	: 228052
	: 985106								Instrume	Instrument ID : D5
					WATER	ER				
Client		Laboratory	Dilution	%	Analysis	Extraction	Sample	Calibration Prep.	n Prep.	
Sample 1D		Sample ID Factor	Factor	Moist	DateTime	DateTime	Data FN	Data FN	Batch	Notes
1 1 1 1		1 1 1 1	1 1 1 1 1	1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	# # # # # # # # # # # # # # # # # # #		;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;		
MBLK1W		DSB009WB	-	NA	02/08/2213:42	02/07/2210:15	LB08011A	LB08006A	22DSB009W	22DSB009W Method Blank
LCS1W		J8B009WL	_	NA	02/08/2214:37	02/07/2210:15	LB08014A	LB08006A	22DSB009W	22DSB009W Lab Control Sample (LCS)
202202030786	98,	B052-01	_	NA	02/08/2218:18	02/07/2210:15	LB08026A	LB08006A	22DSB009W	22DSB009W Field Sample
202202030788	88	B052-03	~	NA	02/08/2218:36	02/07/2210:15	LB08027A	LB08006A	22DSB009W	22DSB009W Field Sample

FN - Filename % Moist - Percent Moisture

SAMPLE RESULTS

METHOD 3520C/8015B TOTAL PETROLEUM HYDROCARBONS BY EXTRACTION

Client : EUROFINS EATON ANALYTICAL Date Collected: 02/01/22 09:30

Project : 985106
Batch No. : 22B052
Sample ID : 202202030786 Date Received: 02/04/22 Date Extracted: 02/07/22 10:15

Date Analyzed: 02/08/22 18:18 Lab Samp ID: 22B052-01 Dilution Factor: 1

Lab File ID: LB08026A Matrix: WATER Ext Btch ID: 22DSB009W % Moisture: NA Calib. Ref.: LB08004A Instrument ID: D5

PARAMETERS	RESULTS (mg/L)	RL (mg/L)	MDL (mg/L)	
Diesel	ND	0.024	0.012	
Motor Oil	ND	0.048	0.024	
SURROGATE PARAMETERS	RESULT	SPK_AMT	%RECOVERY	QC LIMIT
Bromobenzene	0.391	0.480	82	60-130
Hexacosane		0.120	92	60-130

Hexacosane ______

Notes:

Parameter H-C Range C10-C24 Diesel Motor Oil c24-c36

Reported ND at RL quantitated per pattern recognition.

Detection limits are reported relative to sample result significant figures.

Final Volume : 5ml Sample Amount : 1040ml

Prepared by : JMuert Analyzed by : SDeeso

Client : EUROFINS EATON ANALYTICAL Date Collected: 02/01/22 09:30

Project : 985106 Batch No. : 22B052 Sample ID : 202202030786 Date Received: 02/04/22 Date Extracted: 02/07/22 10:15 Date Analyzed: 02/08/22 18:18

Lab Samp ID: 22B052-01 Dilution Factor: 1 Lab File ID: LB08026A Matrix: WATER % Moisture: NA Ext Btch ID: 22DSB009W Calib. Ref.: LB08005A Instrument ID: D5

PARAMETERS	RESULTS (mg/L)	RL (mg/L)	MDL (mg/L)	
JP5	ND	0.048	0.024	
	BEOU T	ODY ANT	%DEGG!/EDV	00

SURROGATE PARAMETERS	RESULT	SPK_AMT	%RECOVERY	QC LIMIT	
Bromobenzene	0.391	0.480	82	60-130	
Hexacosane	0.110	0.120	92	60-130	
					_

: Reporting Limit RL Parameter H-C Range C8-C18

Reported ND at RL quantitated per pattern recognition.

Detection limits are reported relative to sample result significant figures.

Final Volume : 5ml Sample Amount : 1040ml

Analyzed by : SDeeso Prepared by : JMuert

Client : EUROFINS EATON ANALYTICAL Date Collected: 02/01/22 09:30 Date Received: 02/04/22

Project : 985106 Batch No. : 22B052 Sample ID : 202202030786 Date Extracted: 02/07/22 10:15 Date Analyzed: 02/08/22 18:18

Dilution Factor: 1 Lab Samp ID: 22B052-01 Lab File ID: LB08026A Matrix: WATER % Moisture: NA Ext Btch ID: 22DSB009W Calib. Ref.: LB08006A Instrument ID: D5

	RESULTS	RL	MDL
PARAMETERS	(mg/L)	(mg/L)	(mg/L)
JP8	ND	0.048	0.024

SURROGATE PARAMETERS	RESULT	SPK_AMT	%RECOVERY	QC LIMIT
Bromobenzene	0.391	0.480	82	60-130
Hexacosane	0.110	0.120	92	60-130

Notes:

: Reporting Limit RL Parameter H-C Range C8-C18 JP8

Reported ND at RL quantitated per pattern recognition.

Detection limits are reported relative to sample result significant figures.

Final Volume : 5ml Sample Amount : 1040ml Analyzed by : SDeeso : JMuert Prepared by

Client : EUROFINS EATON ANALYTICAL Date Collected: 02/01/22 09:30 Project : 985106 Date Received: 02/04/22 Batch No. : 228052 Date Extracted: 02/07/22 10:15 Sample ID : 202202030788 Date Analyzed: 02/08/22 18:36

Lab Samp ID: 22B052-03
Lab File ID: LB08027A
Ext Btch ID: 22DSB009W
Calib. Ref.: LB08004A

Dilution Factor: 1
Matrix: WATER
% Moisture: NA
Instrument ID: D5

PARAMETERS	RESULTS (mg/L)	RL (mg/L)	MDL (mg/L)	
Diesel	ND	0.024	0.012	
Motor Oil	ND	0.048	0.024	
SURROGATE PARAMETERS	RESULT	SPK_AMT	%RECOVERY	QC LIMIT
Bromobenzene	0.391	0.480	81	60-130
Hexacosane	0.110	0.120	92	60-130

Notes:

Parameter H-C Range Diesel C10-C24 Motor Dil C24-C36

Reported ND at RL quantitated per pattern recognition.

Detection limits are reported relative to sample result significant figures.

Sample Amount : 1040ml Final Volume : 5ml
Prepared by : JMuert Analyzed by : SDeeso

Client : EUROFINS EATON ANALYTICAL Date Collected: 02/01/22 09:30

Project : 985106
Batch No. : 22B052
Sample ID : 202202030788 Date Received: 02/04/22 Date Extracted: 02/07/22 10:15 Date Analyzed: 02/08/22 18:36

Lab Samp ID: 22B052-03 Dilution Factor: 1 Matrix: WATER Lab File ID: LB08027A Ext Btch ID: 22DSB009W % Moisture: NA Calib. Ref.: LB08005A Instrument ID: D5

PARAMETERS	RESULTS (mg/L)	RL (mg/L)	MDL (mg/L)	
JP5	ND	0.048	0.024	
SURROGATE PARAMETERS	RESULT	SPK_AMT	%RECOVERY	QC

Bromobenzene 0.391 0.480 60-130 92 60-130 0.120 Hexacosane 0.110

LIMIT

Notes:

: Reporting Limit RL H-C Range Parameter C8-C18

Reported ND at RL quantitated per pattern recognition.

Detection limits are reported relative to sample result significant figures.

Final Volume : 5ml Sample Amount : 1040ml Analyzed by : SDeeso Prepared by : JMuert

Client : EUROFINS EATON ANALYTICAL Date Collected: 02/01/22 09:30

Project : 985106 Batch No. : 228052 Sample ID : 202202030788 Date Received: 02/04/22 Date Extracted: 02/07/22 10:15 Date Analyzed: 02/08/22 18:36

Lab Samp ID: 22B052-03 Dilution Factor: 1 Lab File ID: LB08027A Matrix: WATER % Moisture: NA Ext Btch ID: 22DSB009W

Calib. Ref.: LB08006A Instrument ID: D5

PARAMETERS	RESULTS (mg/L)	RL (mg/L)	MDL (mg/L)	
JP8	ND	0.048	0.024	
CURROCATE DARAMETERS	DECIN T	CDV AMT	%DECOVEDY	OC LIM

SURROGATE PARAMETERS	RESULT	SPK_AMI	WELOVEK!	QC LIMII	
Bromobenzene	0.391	0.480	81	60-130	
Hexacosane	0.110	0.120	92	60-130	
					_

: Reporting Limit RL Parameter H-C Range C8-C18 JP8

Reported ND at RL quantitated per pattern recognition.

Detection limits are reported relative to sample result significant figures.

Final Volume : 5ml Sample Amount : 1040ml Analyzed by : SDeeso Prepared by : JMuert

QC SUMMARIES

: EUROFINS EATON ANALYTICAL Date Collected: 02/07/22 10:15 Date Received: 02/07/22

Project : 985106 Batch No. : 228052 Sample ID : MBLK1W Date Extracted: 02/07/22 10:15 Date Analyzed: 02/08/22 13:42

Lab Samp ID: DSB009WB Dilution Factor: 1 Lab File ID: LB08011A Matrix: WATER % Moisture: NA Ext Btch ID: 22DSB009W Calib. Ref.: LB08004A Instrument ID: D5

PARAMETERS	RESULTS (mg/L)	RL (mg/L)	MDL (mg/L)	
Diesel Motor Oil	ND ND	0.025 0.050	0.012 0.025	
SURROGATE PARAMETERS	RESULT	SPK_AMT	%RECOVERY	QC LIMIT
Bromobenzene	0.371	0.500 0.125	74 96	60-130 60-130

Notes:

H-C Range Parameter C10-C24 Diesel Motor Oil C24-C36

Reported ND at RL quantitated per pattern recognition.

Detection limits are reported relative to sample result significant figures.

Sample Amount : 1000ml Final Volume : 5ml Analyzed by : SDeeso Prepared by : JMuert

EMAX QUALITY CONTROL DATA LAB CONTROL SAMPLE ANALYSIS

CLIENT

: EUROFINS EATON ANALYTICAL

PROJECT BATCH NO.

: 985106 : 22B052

METHOD

: 3520C/8015B

MATRIX : WATER DILUTION FACTOR: 1

% MOISTURE:NA

SAMPLE ID : MBLK1W LAB SAMPLE ID : DSB009WB

LCS1W DSB009WL

LAB FILE ID : LB08011A

LB08012A

DATE ANALYZED : 02/08/22 13:42

DATE PREPARED : 02/07/22 10:15

02/07/22 10:15 02/08/22 14:00

PREP BATCH : 22DSB009W

22DSB009W

CALIBRATION REF: LB08004A

LB08004A

ACCESSION:

PARAMETERS	MBResult (mg/L)	SpikeAmt (mg/L)	LCSResult (mg/L)		QCLimit (%)
Diesel	ND	2.50	2.42	97	50-130

SURROGATE PARAMETERS	SpikeAmt	LCSResult	LCSRec	QCLimit
	(mg/L)	(mg/L)	(%)	(%)
Bromobenzene	0.500	0.405	81	60-130
Hexacosane	0.125	0.117	94	60-130

MB: Method Blank sample LCS: Lab Control Sample

EMAX QUALITY CONTROL DATA MS/MSD ANALYSIS

CLIENT : EUROFINS EATON ANALYTICAL

PROJECT : 984843 BATCH NO. : 22B027 METHOD : 3520C/8015B

MATRIX: WATER % MOISTURE:NA DILUTION FACTOR: 1 1 1

 SAMPLE ID
 : 202202021472
 202202021472MS
 202202021472MSD

 LAB SAMPLE ID
 : 22B027-01
 22B027-01M
 22B027-01S

 LAB FILE ID
 : LB08015A
 LB08017A
 LB08018A

 DATE PREPARED
 : 02/07/22 10:15
 02/07/22 10:15
 02/07/22 10:15

ACCESSION:

PARAMETERS	PSResult (mg/L)	SpikeAmt (mg/L)	MSResult (mg/L)	MSRec (%)	SpikeAmt (mg/L)	MSDResult (mg/L)	MSDRec (%)	RPD (%)	QCLimit (%)	MaxRPD (%)
Diesel	ND	2.70	2.65	98	2.65	2.65	100	0	50-130	30
=======================================		========	=========	======	========		.======			
SURROGATE PARAMETERS		SpikeAmt (mg/L)	MSResult (mg/L)	MSRec (%)	SpikeAmt (mg/L)	MSDResult (mg/L)	MSDRec (%)		QCLimit (%)	
Bromobenzene Hexacosane		0.540 0.135	0.474 0.128	88 95	0.530 0.132	0.414 0.126	78 95		60-130 60-130	

PS: Parent Sample MS: Matrix Spike MSD: Matrix Spike Duplicate

Client : EUROFINS EATON ANALYTICAL Date Collected: 02/07/22 10:15

Project : 985106 Batch No. : 228052 Sample ID : MBLK1W Date Received: 02/07/22 Date Extracted: 02/07/22 10:15

Date Analyzed: 02/08/22 13:42 Lab Samp ID: DSB009WB Dilution Factor: 1

Lab File ID: LB08011A Matrix: WATER Ext Btch ID: 22DSB009W % Moisture: NA Instrument ID: D5 Calib. Ref.: LB08005A

RESULTS MDL PARAMETERS (mg/L) (mg/L) (mg/L) ND 0.050 0.025

SURROGATE PARAMETERS	RESULT	SPK_AMT	%RECOVERY	QC LIMIT
Bromobenzene	0.371	0.500	74	60-130
Hexacosane	0.119	0.125	96	60-130

Notes:

: Reporting Limit RL Parameter H-C Range C8-C18 JP5

Reported ND at RL quantitated per pattern recognition.

Detection limits are reported relative to sample result significant figures.

Final Volume : 5ml Sample Amount : 1000ml

Analyzed by : SDeeso : JMuert Prepared by

EMAX QUALITY CONTROL DATA LAB CONTROL SAMPLE ANALYSIS

CLIENT : EUROFINS EATON ANALYTICAL

PROJECT : 985106 BATCH NO. : 22B052 METHOD : 3520C/8015B

MATRIX : WATER % MOISTURE:NA

DILUTION FACTOR: 1 1
SAMPLE ID : MBLK1W LCS1W

 SAMPLE ID
 : MBLK1W
 LCS1W

 LAB SAMPLE ID
 : DSB009WB
 J5B009WL

 LAB FILE ID
 : LB08011A
 LB08013A

 DATE PREPARED
 : 02/07/22 10:15
 02/07/22

DATE PREPARED : 02/07/22 10:15 02/07/22 10:15
DATE ANALYZED : 02/08/22 13:42 02/08/22 14:19
PREP BATCH : 22DSB009W 22DSB009W
CALIBRATION REF: LB08005A LB08005A

ACCESSION:

PARAMETERS	MBResult (mg/L)	SpikeAmt (mg/L)	LCSResult (mg/L)	LCSRec (%)	QCLimit (%)
JP5	ND	2.50	2.40	96	30-160
		=========	=========		
SURROGATE PARAMETERS		SpikeAmt (mg/L)	LCSResult (mg/L)	LCSRec (%)	QCLimit (%)
Bromobenzene Hexacosane		0.500 0.125	0.456 0.113	91 90	60-130 60-130

MB: Method Blank sample LCS: Lab Control Sample

EMAX QUALITY CONTROL DATA MS/MSD ANALYSIS

CLIENT

: EUROFINS EATON ANALYTICAL

PROJECT BATCH NO.

: 984843 : 22B027

METHOD

: 3520C/8015B

MATRIX : WATER DILUTION FACTOR: 1

% MOISTURE:NA

SAMPLE ID : 202202021472

LAB SAMPLE ID : 22B027-01

22B027-01M

1

202202021472MSD

LAB FILE ID : LB08015A

22B027-01s

LB08019A

LB08020A

DATE ANALYZED : 02/08/22 14:56

DATE PREPARED : 02/07/22 10:15

02/07/22 10:15

02/07/22 10:15 02/08/22 16:27

PREP BATCH : 22DSB009W

02/08/22 16:09 22DSB009W

202202021472MS

22DSB009W

CALIBRATION REF: LB08005A

LB08005A

LB08005A

ACCESSION:

PARAMETERS	PSResult (mg/L)	SpikeAmt (mg/L)	MSResult (mg/L)	MSRec (%)	SpikeAmt (mg/L)	MSDResult (mg/L)	MSDRec (%)	RPD (%)	QCLimit (%)	MaxRPD (%)
JP5	ND	2.60	2.30	88	2.70	2.60	96	12	30-160	30
			=========	======	========	5 M M M M M M M M M M M M M M M M M M M		======	=========	======
SURROGATE PARAMETERS		SpikeAmt (mg/L)	MSResult (mg/L)	MSRec (%)	SpikeAmt (mg/L)	MSDResult (mg/L)	MSDRec (%)		QCLimit (%)	
Bromobenzene Hexacosane		0.520 0.130	0.458 0.115	88 88	0.540 0.135	0.491 0.122	91 90		60-130 60-130	

PS: Parent Sample MS: Matrix Spike MSD: Matrix Spike Duplicate

Client : EUROFINS EATON ANALYTICAL Date Collected: 02/07/22 10:15 Project : 985106 Date Received: 02/07/22 Batch No. : 22B052 Sample ID : MBLK1W Date Extracted: 02/07/22 10:15 Date Analyzed: 02/08/22 13:42

Lab Samp ID: DSB009WB Dilution Factor: 1 Lab File ID: LB08011A Matrix: WATER % Moisture: NA Ext Btch ID: 22DSB009W Instrument ID: D5 Calib. Ref.: LB08006A

PARAMETERS	RESULTS (mg/L)	RL (mg/L)	MDL (mg/L)	
JP8	ND	0.050	0.025	
_			0	

SURROGATE PARAMETERS	RESULT	SPK_AMT	%RECOVERY	QC LIMIT
Bromobenzene	0.371	0.500	74	60-130
Hexacosane	0.119	0.125	96	60-130

Notes:

: Reporting Limit RL. H-C Range Parameter c8-c18 JP8

Reported ND at RL quantitated per pattern recognition.

Detection limits are reported relative to sample result significant figures.

Final Volume : 5ml Sample Amount : 1000ml Analyzed by : SDeeso : JMuert Prepared by

EMAX QUALITY CONTROL DATA LAB CONTROL SAMPLE ANALYSIS

CLIENT : EUROFINS EATON ANALYTICAL

PROJECT : 985106 BATCH NO. : 22B052 METHOD : 3520C/8015B

MATRIX : WATER % MOISTURE:NA

 DILUTION FACTOR:
 1

 SAMPLE ID
 : MBLK1W
 LCS1W

 LAB SAMPLE ID
 : DSB009WB
 J8B009WL

 LAB FILE ID
 : LB08011A
 LB08014A

 DATE PREPARED
 : 02/07/22 10:15
 02/07/22

DATE PREPARED : 02/07/22 10:15 02/07/22 10:15
DATE ANALYZED : 02/08/22 13:42 02/08/22 14:37
PREP BATCH : 22DSB009W 22DSB009W
CALIBRATION REF: LB08006A LB08006A

ACCESSION:

PARAMETERS	MBResult (mg/L)	SpikeAmt (mg/L)	LCSResult (mg/L)	LCSRec (%)	QCLimit (%)
JP8	ND	2.50	2.04	82	30-160
			========	========	=======================================
SURROGATE PARAMETERS		SpikeAmt (mg/L)	LCSResult (mg/L)	LCSRec (%)	QCLimit (%)
Bromobenzene Hexacosane		0.500 0.125	0.478 0.110	96 88	60-130 60-130

MB: Method Blank sample LCS: Lab Control Sample

EMAX QUALITY CONTROL DATA MS/MSD ANALYSIS

CLIENT

: EUROFINS EATON ANALYTICAL

PROJECT BATCH NO.

: 984843 : 22B027

METHOD

: 3520C/8015B

MATRIX : WATER DILUTION FACTOR: 1

% MOISTURE:NA

LAB SAMPLE ID : 22B027-01

SAMPLE ID : 202202021472

202202021472MS 22B027-01M LB08021A

202202021472MSD 22B027-01s LB08022A

LAB FILE ID : LB08015A DATE PREPARED : 02/07/22 10:15

DATE ANALYZED : 02/08/22 14:56

02/07/22 10:15 02/08/22 16:46 22DSB009W

02/07/22 10:15 02/08/22 17:04 22DSB009W LB08006A

CALIBRATION REF: LB08006A

PREP BATCH : 22DSB009W LB08006A

ACCESSION:

PARAMETERS	PSResult (mg/L)	SpikeAmt (mg/L)	MSResult (mg/L)	MSRec (%)	SpikeAmt (mg/L)	MSDResult (mg/L)	MSDRec (%)	RPD (%)	QCLimit (%)	MaxRPD (%)
JP8	ND	2.38	2.03	85	2.38	2.07	87	2	30-160	30
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SURROGATE PARAMETERS		SpikeAmt (mg/L)	MSResult (mg/L)	MSRec (%)	SpikeAmt (mg/L)	MSDResult (mg/L)	MSDRec (%)		QCLimit (%)	
Bromobenzene Hexacosane		0.475 0.119	0.489 0.108	103 91	0.475 0.119	0.484 0.107	102 90		60-130 60-130	

PS: Parent Sample MS: Matrix Spike MSD: Matrix Spike Duplicate