



LABORATORY ANALYTICAL REPORT

Prepared by Billings, MT Branch

Lab ID: B21121611-001
Collection Date: 12/15/2021 19:50
Date Received: 12/18/2021
Report Date: 01/20/2022

Client: AECOM - Honolulu
Client Sample ID: ERH2182 (RHMW03)
Project: CV18F0126/60571032.02.20.01
Matrix: Ground Water

Analyses	Result	Units	DF	Qual	LOQ	LOD	DL	MCL	Method	Analysis Date / By	RunID : Run Order	BatchID
AGGREGATE ORGANICS												
Organic Carbon, Total (TOC) - TOC Range is 2.2 to 2.4	2.4	mg/L	1		0.50	0.50	0.17		SW9060A	12/22/2021 21:35/eli-ca	SUB-C278180 : 13	C_R278180
METALS, TOTAL												
Lead	0.00074	mg/L	1	J	0.001	0.0001	0.00008		SW6020	01/19/2022 00:35/car	ICPMS206-B_220118A : 63	162360
VOLATILE ORGANIC COMPOUNDS												
Benzene	ND	ug/L	1	U	1.0	0.25	0.12		SW8260B	12/22/2021 02:12/msc	VOA5975C.I_211221B : 6	R372445
Bromobenzene	ND	ug/L	1	U	1.0	0.25	0.12		SW8260B	12/22/2021 02:12/msc	VOA5975C.I_211221B : 6	R372445
Bromochloromethane	ND	ug/L	1	U	1.0	0.50	0.18		SW8260B	12/22/2021 02:12/msc	VOA5975C.I_211221B : 6	R372445
Bromodichloromethane	ND	ug/L	1	U	1.0	0.50	0.16		SW8260B	12/22/2021 02:12/msc	VOA5975C.I_211221B : 6	R372445
Bromoform	ND	ug/L	1	U	1.0	0.25	0.12		SW8260B	12/22/2021 02:12/msc	VOA5975C.I_211221B : 6	R372445
Bromomethane	ND	ug/L	1	U	1.0	0.50	0.25		SW8260B	12/22/2021 02:12/msc	VOA5975C.I_211221B : 6	R372445
Carbon tetrachloride	ND	ug/L	1	U	1.0	0.50	0.16		SW8260B	12/22/2021 02:12/msc	VOA5975C.I_211221B : 6	R372445
Chlorobenzene	ND	ug/L	1	U	1.0	0.25	0.12		SW8260B	12/22/2021 02:12/msc	VOA5975C.I_211221B : 6	R372445
Chlorodibromomethane	ND	ug/L	1	U	1.0	0.25	0.084		SW8260B	12/22/2021 02:12/msc	VOA5975C.I_211221B : 6	R372445
Chloroethane	ND	ug/L	1	U	1.0	0.50	0.17		SW8260B	12/22/2021 02:12/msc	VOA5975C.I_211221B : 6	R372445
Chloroform	ND	ug/L	1	U	1.0	0.25	0.079		SW8260B	12/22/2021 02:12/msc	VOA5975C.I_211221B : 6	R372445
Chloromethane	ND	ug/L	1	U	1.0	0.50	0.19		SW8260B	12/22/2021 02:12/msc	VOA5975C.I_211221B : 6	R372445
1,2-Dibromoethane	ND	ug/L	1	U	1.0	0.50	0.14		SW8260B	12/22/2021 02:12/msc	VOA5975C.I_211221B : 6	R372445
2-Chlorotoluene	ND	ug/L	1	U	1.0	0.25	0.088		SW8260B	12/22/2021 02:12/msc	VOA5975C.I_211221B : 6	R372445
4-Chlorotoluene	ND	ug/L	1	U	1.0	0.25	0.091		SW8260B	12/22/2021 02:12/msc	VOA5975C.I_211221B : 6	R372445
Dibromomethane	ND	ug/L	1	U	1.0	0.50	0.16		SW8260B	12/22/2021 02:12/msc	VOA5975C.I_211221B : 6	R372445
1,2-Dichlorobenzene	ND	ug/L	1	U	1.0	0.25	0.086		SW8260B	12/22/2021 02:12/msc	VOA5975C.I_211221B : 6	R372445
1,3-Dichlorobenzene	ND	ug/L	1	U	1.0	0.25	0.10		SW8260B	12/22/2021 02:12/msc	VOA5975C.I_211221B : 6	R372445
1,4-Dichlorobenzene	ND	ug/L	1	U	1.0	0.25	0.086		SW8260B	12/22/2021 02:12/msc	VOA5975C.I_211221B : 6	R372445
Dichlorodifluoromethane	ND	ug/L	1	U	1.0	0.50	0.18		SW8260B	12/22/2021 02:12/msc	VOA5975C.I_211221B : 6	R372445
1,1-Dichloroethane	ND	ug/L	1	U	1.0	0.50	0.18		SW8260B	12/22/2021 02:12/msc	VOA5975C.I_211221B : 6	R372445
1,2-Dichloroethane	ND	ug/L	1	U	1.0	0.50	0.16		SW8260B	12/22/2021 02:12/msc	VOA5975C.I_211221B : 6	R372445
1,1-Dichloroethene	ND	ug/L	1	U	1.0	0.50	0.14		SW8260B	12/22/2021 02:12/msc	VOA5975C.I_211221B : 6	R372445
cis-1,2-Dichloroethene	ND	ug/L	1	U	1.0	0.50	0.17		SW8260B	12/22/2021 02:12/msc	VOA5975C.I_211221B : 6	R372445
trans-1,2-Dichloroethene	ND	ug/L	1	U	1.0	0.50	0.15		SW8260B	12/22/2021 02:12/msc	VOA5975C.I_211221B : 6	R372445
1,2-Dichloropropane	ND	ug/L	1	U	1.0	0.25	0.089		SW8260B	12/22/2021 02:12/msc	VOA5975C.I_211221B : 6	R372445
1,3-Dichloropropane	ND	ug/L	1	U	1.0	0.25	0.11		SW8260B	12/22/2021 02:12/msc	VOA5975C.I_211221B : 6	R372445
2,2-Dichloropropane	ND	ug/L	1	U	1.0	0.50	0.20		SW8260B	12/22/2021 02:12/msc	VOA5975C.I_211221B : 6	R372445
1,1-Dichloropropene	ND	ug/L	1	U	1.0	0.25	0.083		SW8260B	12/22/2021 02:12/msc	VOA5975C.I_211221B : 6	R372445
cis-1,3-Dichloropropene	ND	ug/L	1	U	1.0	0.25	0.094		SW8260B	12/22/2021 02:12/msc	VOA5975C.I_211221B : 6	R372445
trans-1,3-Dichloropropene	ND	ug/L	1	U	1.0	0.25	0.085		SW8260B	12/22/2021 02:12/msc	VOA5975C.I_211221B : 6	R372445
Ethylbenzene	ND	ug/L	1	U	1.0	0.25	0.091		SW8260B	12/22/2021 02:12/msc	VOA5975C.I_211221B : 6	R372445
Methyl ethyl ketone	ND	ug/L	1	U	20	5.0	2.2		SW8260B	12/22/2021 02:12/msc	VOA5975C.I_211221B : 6	R372445



LABORATORY ANALYTICAL REPORT

Prepared by Billings, MT Branch

Lab ID: B21121611-001
Collection Date: 12/15/2021 19:50
Date Received: 12/18/2021
Report Date: 01/20/2022

Client: AECOM - Honolulu
Client Sample ID: ERH2182 (RHMW03)
Project: CV18F0126/60571032.02.20.01
Matrix: Ground Water

Analyses	Result	Units	DF	Qual	LOQ	LOD	DL	MCL	Method	Analysis Date / By	RunID : Run Order	BatchID
VOLATILE ORGANIC COMPOUNDS												
Methyl tert-butyl ether (MTBE)	ND	ug/L	1	U	1.0	0.25	0.12		SW8260B	12/22/2021 02:12/msc	VOA5975C.I_211221B : 6	R372445
Methylene chloride	ND	ug/L	1	U	1.0	0.50	0.13		SW8260B	12/22/2021 02:12/msc	VOA5975C.I_211221B : 6	R372445
Styrene	ND	ug/L	1	U	1.0	0.25	0.067		SW8260B	12/22/2021 02:12/msc	VOA5975C.I_211221B : 6	R372445
1,1,1,2-Tetrachloroethane	ND	ug/L	1	U	1.0	0.25	0.11		SW8260B	12/22/2021 02:12/msc	VOA5975C.I_211221B : 6	R372445
1,1,2,2-Tetrachloroethane	ND	ug/L	1	U	1.0	0.25	0.087		SW8260B	12/22/2021 02:12/msc	VOA5975C.I_211221B : 6	R372445
Tetrachloroethene	ND	ug/L	1	U	1.0	0.25	0.067		SW8260B	12/22/2021 02:12/msc	VOA5975C.I_211221B : 6	R372445
Toluene	ND	ug/L	1	U	1.0	0.25	0.075		SW8260B	12/22/2021 02:12/msc	VOA5975C.I_211221B : 6	R372445
1,1,1-Trichloroethane	ND	ug/L	1	U	1.0	0.50	0.13		SW8260B	12/22/2021 02:12/msc	VOA5975C.I_211221B : 6	R372445
1,1,2-Trichloroethane	ND	ug/L	1	U	1.0	0.25	0.11		SW8260B	12/22/2021 02:12/msc	VOA5975C.I_211221B : 6	R372445
Trichloroethene	ND	ug/L	1	U	1.0	0.25	0.099		SW8260B	12/22/2021 02:12/msc	VOA5975C.I_211221B : 6	R372445
Trichlorofluoromethane	ND	ug/L	1	U	1.0	0.50	0.13		SW8260B	12/22/2021 02:12/msc	VOA5975C.I_211221B : 6	R372445
1,2,3-Trichloropropane	ND	ug/L	1	U	1.0	0.50	0.38		SW8260B	12/22/2021 02:12/msc	VOA5975C.I_211221B : 6	R372445
Vinyl chloride	ND	ug/L	1	U	1.0	0.50	0.15		SW8260B	12/22/2021 02:12/msc	VOA5975C.I_211221B : 6	R372445
m+p-Xylenes	ND	ug/L	1	U	1.0	0.50	0.16		SW8260B	12/22/2021 02:12/msc	VOA5975C.I_211221B : 6	R372445
o-Xylene	ND	ug/L	1	U	1.0	0.20	0.060		SW8260B	12/22/2021 02:12/msc	VOA5975C.I_211221B : 6	R372445
Xylenes, Total	ND	ug/L	1	U	1.0	0.20	0.060		SW8260B	12/22/2021 02:12/msc	VOA5975C.I_211221B : 6	R372445
Surr: Dibromofluoromethane	90.0	%REC	1		80-119				SW8260B	12/22/2021 02:12/msc	VOA5975C.I_211221B : 6	R372445
Surr: 1,2-Dichloroethane-d4	96.0	%REC	1		81-118				SW8260B	12/22/2021 02:12/msc	VOA5975C.I_211221B : 6	R372445
Surr: Toluene-d8	103.0	%REC	1		89-112				SW8260B	12/22/2021 02:12/msc	VOA5975C.I_211221B : 6	R372445
Surr: p-Bromofluorobenzene	104.0	%REC	1		85-114				SW8260B	12/22/2021 02:12/msc	VOA5975C.I_211221B : 6	R372445
VOCS BY MICROEXTRACTION-ECD												
1,2-Dibromoethane	ND	ug/L	1	U	0.010	0.0049	0.0025		SW8011	12/21/2021 03:39/clt	GECD.I_211220A : 15	162351
Surr: 1,1,1,2-Tetrachloroethane	88.0	%REC	1		70-130				SW8011	12/21/2021 03:39/clt	GECD.I_211220A : 15	162351
PETROLEUM HYDROCARBONS-VOLATILE												
C6 to C10	ND	ug/L	1	U	20	8.7	2.3		SW8015C	12/22/2021 02:42/jp	PE 1_211221A : 22	R372185
Total Purgeable Hydrocarbons	ND	ug/L	1	U	20	10	3.6		SW8015C	12/22/2021 02:42/jp	PE 1_211221A : 22	R372185
Surr: Trifluorotoluene	73.0	%REC	1		70-130				SW8015C	12/22/2021 02:42/jp	PE 1_211221A : 22	R372185
- Note 1: C6 to C10 is defined as all hydrocarbons eluting between 2-Methylpentane and 1,2,4-Trimethylbenzene.												
- Note 2: Total Purgeable Hydrocarbons are defined as the total hydrocarbon response regardless of elution time.												
PETROLEUM HYDROCARBONS-SEMI-VOLATILE												
Diesel Range Organics (C10 to C24)	0.16	mg/L	1	J	0.30	0.15	0.038		SW8015C	12/22/2021 01:46/amn	GCFID-HP5-B_211221A : 10	162352
Diesel Range Organics (SGT-C10 to C24)	ND	mg/L	1	U	0.30	0.12	0.038		SW8015C	12/26/2021 22:43/amn	GCFID-HP5-B_211226A : 10	162352
Oil Range Hydrocarbons (C24 to C40)	0.29	mg/L	1	J	0.30	0.15	0.085		SW8015C	12/22/2021 01:46/amn	GCFID-HP5-B_211221A : 10	162352
Oil Range Hydrocarbons (SGT-C24 to C40)	ND	mg/L	1	U	0.30	0.15	0.085		SW8015C	12/26/2021 22:43/amn	GCFID-HP5-B_211226A : 10	162352
Total Extractable Hydrocarbons	0.60	mg/L	1		0.30	0.15	0.073		SW8015C	12/22/2021 01:46/amn	GCFID-HP5-B_211221A : 10	162352
Total Extractable Hydrocarbons (SGT)	0.040	mg/L	1	J	0.30	0.12	0.032		SW8015C	12/26/2021 22:43/amn	GCFID-HP5-B_211226A : 10	162352
Surr: o-Terphenyl	89.0	%REC	1		56-125				SW8015C	12/22/2021 01:46/amn	GCFID-HP5-B_211221A : 10	162352



LABORATORY ANALYTICAL REPORT

Prepared by Billings, MT Branch

Lab ID: B21121611-001

Collection Date: 12/15/2021 19:50

Date Received: 12/18/2021

Report Date: 01/20/2022

Client: AECOM - Honolulu
Client Sample ID: ERH2182 (RHMW03)
Project: CV18F0126/60571032.02.20.01
Matrix: Ground Water

Analyses	Result	Units	DF	Qual	LOQ	LOD	DL	MCL	Method	Analysis Date / By	RunID : Run Order	BatchID
PETROLEUM HYDROCARBONS-SEMI-VOLATILE												
Surr: o-Terphenyl (SGT)	103.0	%REC	1		56-125				SW8015C	12/26/2021 22:43/amn	GCFID-HP5-B_211226A : 10	162352
Surr: n-Triacontane	97.0	%REC	1		50-150				SW8015C	12/22/2021 01:46/amn	GCFID-HP5-B_211221A : 10	162352
Surr: n-Triacontane (SGT)	109.0	%REC	1		50-150				SW8015C	12/26/2021 22:43/amn	GCFID-HP5-B_211226A : 10	162352
- Note: Total Extractable Hydrocarbons are defined as the total hydrocarbon responses regardless of elution time.												
ORGANIC CHARACTERISTICS												
Methane	ND	mg/L	1	U	0.0020	0.0012	0.00070		SW8015M	12/20/2021 13:59/jdw	FID-HEADSPACE_211220B : 7	R372121
SEMI-VOLATILE ORGANIC COMPOUNDS												
1,2,4-Trichlorobenzene	ND	ug/L	1	U	10	5.0	1.9		SW8270C	12/30/2021 20:51/dsm	SV5973N.I_211230A : 17	162392
1,2-Dichlorobenzene	ND	ug/L	1	U	10	5.0	2.0		SW8270C	12/30/2021 20:51/dsm	SV5973N.I_211230A : 17	162392
1,3-Dichlorobenzene	ND	ug/L	1	U	10	5.0	2.1		SW8270C	12/30/2021 20:51/dsm	SV5973N.I_211230A : 17	162392
1,4-Dichlorobenzene	ND	ug/L	1	U	10	5.0	2.0		SW8270C	12/30/2021 20:51/dsm	SV5973N.I_211230A : 17	162392
1-Methylnaphthalene	ND	ug/L	1	U	10	5.0	2.4		SW8270C	12/30/2021 20:51/dsm	SV5973N.I_211230A : 17	162392
2,4,5-Trichlorophenol	ND	ug/L	1	U	10	5.0	2.2		SW8270C	12/30/2021 20:51/dsm	SV5973N.I_211230A : 17	162392
2,4,6-Trichlorophenol	ND	ug/L	1	U	10	5.0	2.6		SW8270C	12/30/2021 20:51/dsm	SV5973N.I_211230A : 17	162392
2,4-Dichlorophenol	ND	ug/L	1	U	10	5.0	1.7		SW8270C	12/30/2021 20:51/dsm	SV5973N.I_211230A : 17	162392
2,4-Dimethylphenol	ND	ug/L	1	U	10	5.0	1.7		SW8270C	12/30/2021 20:51/dsm	SV5973N.I_211230A : 17	162392
2,4-Dinitrophenol	ND	ug/L	1	U	10	10	4.3		SW8270C	12/30/2021 20:51/dsm	SV5973N.I_211230A : 17	162392
2,4-Dinitrotoluene	ND	ug/L	1	U	10	5.0	3.0		SW8270C	12/30/2021 20:51/dsm	SV5973N.I_211230A : 17	162392
2,6-Dinitrotoluene	ND	ug/L	1	U	10	5.0	3.2		SW8270C	12/30/2021 20:51/dsm	SV5973N.I_211230A : 17	162392
2-Chloronaphthalene	ND	ug/L	1	U	10	5.0	2.1		SW8270C	12/30/2021 20:51/dsm	SV5973N.I_211230A : 17	162392
2-Chlorophenol	ND	ug/L	1	U	10	5.0	2.5		SW8270C	12/30/2021 20:51/dsm	SV5973N.I_211230A : 17	162392
2-Methylnaphthalene	ND	ug/L	1	U	10	5.0	1.9		SW8270C	12/30/2021 20:51/dsm	SV5973N.I_211230A : 17	162392
2-Nitrophenol	ND	ug/L	1	U	10	5.0	2.4		SW8270C	12/30/2021 20:51/dsm	SV5973N.I_211230A : 17	162392
3,3'-Dichlorobenzidine	ND	ug/L	1	U	10	5.0	2.1		SW8270C	12/30/2021 20:51/dsm	SV5973N.I_211230A : 17	162392
4,6-Dinitro-2-methylphenol	ND	ug/L	1	U	10	10	2.3		SW8270C	12/30/2021 20:51/dsm	SV5973N.I_211230A : 17	162392
4-Bromophenyl phenyl ether	ND	ug/L	1	U	10	5.0	1.7		SW8270C	12/30/2021 20:51/dsm	SV5973N.I_211230A : 17	162392
4-Chloro-3-methylphenol	ND	ug/L	1	U	10	5.0	1.5		SW8270C	12/30/2021 20:51/dsm	SV5973N.I_211230A : 17	162392
4-Chlorophenol	ND	ug/L	1	U	10	5.0	2.6		SW8270C	12/30/2021 20:51/dsm	SV5973N.I_211230A : 17	162392
4-Chlorophenyl phenyl ether	ND	ug/L	1	U	10	5.0	2.0		SW8270C	12/30/2021 20:51/dsm	SV5973N.I_211230A : 17	162392
4-Nitrophenol	ND	ug/L	1	U	10	10	2.5		SW8270C	12/30/2021 20:51/dsm	SV5973N.I_211230A : 17	162392
Acenaphthene	ND	ug/L	1	U	10	5.0	1.9		SW8270C	12/30/2021 20:51/dsm	SV5973N.I_211230A : 17	162392
Acenaphthylene	ND	ug/L	1	U	10	5.0	1.6		SW8270C	12/30/2021 20:51/dsm	SV5973N.I_211230A : 17	162392
Anthracene	ND	ug/L	1	U	10	5.0	1.2		SW8270C	12/30/2021 20:51/dsm	SV5973N.I_211230A : 17	162392
Azobenzene	ND	ug/L	1	U	10	5.0	1.1		SW8270C	12/30/2021 20:51/dsm	SV5973N.I_211230A : 17	162392
Benzidine	ND	ug/L	1	U	10	10	6.7		SW8270C	12/30/2021 20:51/dsm	SV5973N.I_211230A : 17	162392
Benzo(a)anthracene	ND	ug/L	1	U	10	5.0	0.86		SW8270C	12/30/2021 20:51/dsm	SV5973N.I_211230A : 17	162392
Benzo(a)pyrene	ND	ug/L	1	U	10	5.0	1.2		SW8270C	12/30/2021 20:51/dsm	SV5973N.I_211230A : 17	162392
Benzo(b)fluoranthene	ND	ug/L	1	U	10	5.0	0.90		SW8270C	12/30/2021 20:51/dsm	SV5973N.I_211230A : 17	162392



LABORATORY ANALYTICAL REPORT

Prepared by Billings, MT Branch

Lab ID: B21121611-001

Collection Date: 12/15/2021 19:50

Date Received: 12/18/2021

Report Date: 01/20/2022

Client: AECOM - Honolulu
Client Sample ID: ERH2182 (RHMW03)
Project: CV18F0126/60571032.02.20.01
Matrix: Ground Water

Analyses	Result	Units	DF	Qual	LOQ	LOD	DL	MCL	Method	Analysis Date / By	RunID : Run Order	BatchID
SEMI-VOLATILE ORGANIC COMPOUNDS												
Benzo(g,h,i)perylene	ND	ug/L	1	U	10	5.0	1.0		SW8270C	12/30/2021 20:51/dsm	SV5973N.I_211230A : 17	162392
Benzo(k)fluoranthene	ND	ug/L	1	U	10	5.0	0.97		SW8270C	12/30/2021 20:51/dsm	SV5973N.I_211230A : 17	162392
bis(-2-chloroethoxy)Methane	ND	ug/L	1	U	10	5.0	1.4		SW8270C	12/30/2021 20:51/dsm	SV5973N.I_211230A : 17	162392
bis(-2-chloroethyl)Ether	ND	ug/L	1	U	10	5.0	2.6		SW8270C	12/30/2021 20:51/dsm	SV5973N.I_211230A : 17	162392
bis(2-chloroisopropyl)Ether	ND	ug/L	1	U	10	5.0	1.5		SW8270C	12/30/2021 20:51/dsm	SV5973N.I_211230A : 17	162392
bis(2-ethylhexyl)Phthalate	ND	ug/L	1	U	10	5.0	1.9		SW8270C	12/30/2021 20:51/dsm	SV5973N.I_211230A : 17	162392
Butylbenzylphthalate	ND	ug/L	1	U	10	5.0	1.6		SW8270C	12/30/2021 20:51/dsm	SV5973N.I_211230A : 17	162392
Chrysene	ND	ug/L	1	U	10	5.0	1.2		SW8270C	12/30/2021 20:51/dsm	SV5973N.I_211230A : 17	162392
Di-n-butyl phthalate	ND	ug/L	1	U	10	5.0	0.93		SW8270C	12/30/2021 20:51/dsm	SV5973N.I_211230A : 17	162392
Di-n-octyl phthalate	ND	ug/L	1	U	10	5.0	1.3		SW8270C	12/30/2021 20:51/dsm	SV5973N.I_211230A : 17	162392
Dibenzo(a,h)anthracene	ND	ug/L	1	U	10	5.0	1.2		SW8270C	12/30/2021 20:51/dsm	SV5973N.I_211230A : 17	162392
Diethyl phthalate	ND	ug/L	1	U	10	5.0	2.2		SW8270C	12/30/2021 20:51/dsm	SV5973N.I_211230A : 17	162392
Dimethyl phthalate	ND	ug/L	1	U	10	5.0	1.7		SW8270C	12/30/2021 20:51/dsm	SV5973N.I_211230A : 17	162392
Fluoranthene	ND	ug/L	1	U	10	5.0	0.88		SW8270C	12/30/2021 20:51/dsm	SV5973N.I_211230A : 17	162392
Fluorene	ND	ug/L	1	U	10	5.0	1.8		SW8270C	12/30/2021 20:51/dsm	SV5973N.I_211230A : 17	162392
Hexachlorobenzene	ND	ug/L	1	U	10	5.0	1.3		SW8270C	12/30/2021 20:51/dsm	SV5973N.I_211230A : 17	162392
Hexachlorobutadiene	ND	ug/L	1	U	10	5.0	2.3		SW8270C	12/30/2021 20:51/dsm	SV5973N.I_211230A : 17	162392
Hexachlorocyclopentadiene	ND	ug/L	1	U	10	5.0	3.0		SW8270C	12/30/2021 20:51/dsm	SV5973N.I_211230A : 17	162392
Hexachloroethane	ND	ug/L	1	U	10	5.0	1.8		SW8270C	12/30/2021 20:51/dsm	SV5973N.I_211230A : 17	162392
Indeno(1,2,3-cd)pyrene	ND	ug/L	1	U	10	5.0	1.2		SW8270C	12/30/2021 20:51/dsm	SV5973N.I_211230A : 17	162392
Isophorone	ND	ug/L	1	U	10	5.0	1.7		SW8270C	12/30/2021 20:51/dsm	SV5973N.I_211230A : 17	162392
m+p-Cresols	ND	ug/L	1	U	10	5.0	1.8		SW8270C	12/30/2021 20:51/dsm	SV5973N.I_211230A : 17	162392
n-Nitroso-di-n-propylamine	ND	ug/L	1	U	10	5.0	1.5		SW8270C	12/30/2021 20:51/dsm	SV5973N.I_211230A : 17	162392
n-Nitrosodimethylamine	ND	ug/L	1	U	10	5.0	1.5		SW8270C	12/30/2021 20:51/dsm	SV5973N.I_211230A : 17	162392
n-Nitrosodiphenylamine	ND	ug/L	1	U	10	5.0	1.2		SW8270C	12/30/2021 20:51/dsm	SV5973N.I_211230A : 17	162392
Naphthalene	ND	ug/L	1	U	10	5.0	1.7		SW8270C	12/30/2021 20:51/dsm	SV5973N.I_211230A : 17	162392
Nitrobenzene	ND	ug/L	1	U	10	5.0	2.3		SW8270C	12/30/2021 20:51/dsm	SV5973N.I_211230A : 17	162392
o-Cresol	ND	ug/L	1	U	10	5.0	1.8		SW8270C	12/30/2021 20:51/dsm	SV5973N.I_211230A : 17	162392
Pentachlorophenol	ND	ug/L	1	U	10	10	4.2		SW8270C	12/30/2021 20:51/dsm	SV5973N.I_211230A : 17	162392
Phenanthrene	ND	ug/L	1	U	10	5.0	0.78		SW8270C	12/30/2021 20:51/dsm	SV5973N.I_211230A : 17	162392
Phenol	ND	ug/L	1	U	10	5.0	1.5		SW8270C	12/30/2021 20:51/dsm	SV5973N.I_211230A : 17	162392
Pyrene	ND	ug/L	1	U	10	5.0	0.92		SW8270C	12/30/2021 20:51/dsm	SV5973N.I_211230A : 17	162392
Pyridine	ND	ug/L	1	U	10	5.0	3.2		SW8270C	12/30/2021 20:51/dsm	SV5973N.I_211230A : 17	162392
Surr: 2,4,6-Tribromophenol	100.0	%REC	1		43-140				SW8270C	12/30/2021 20:51/dsm	SV5973N.I_211230A : 17	162392
Surr: 2-Fluorobiphenyl	53.0	%REC	1		44-119				SW8270C	12/30/2021 20:51/dsm	SV5973N.I_211230A : 17	162392
Surr: 2-Fluorophenol	40.0	%REC	1		19-119				SW8270C	12/30/2021 20:51/dsm	SV5973N.I_211230A : 17	162392
Surr: Nitrobenzene-d5	51.0	%REC	1		44-120				SW8270C	12/30/2021 20:51/dsm	SV5973N.I_211230A : 17	162392
Surr: Phenol-d5	32.0	%REC	1		10-65				SW8270C	12/30/2021 20:51/dsm	SV5973N.I_211230A : 17	162392
Surr: Terphenyl-d14	95.0	%REC	1		50-134				SW8270C	12/30/2021 20:51/dsm	SV5973N.I_211230A : 17	162392



LABORATORY ANALYTICAL REPORT

Prepared by Billings, MT Branch

Lab ID: B21121611-001

Collection Date: 12/15/2021 19:50

Date Received: 12/18/2021

Report Date: 01/20/2022

Client: AECOM - Honolulu
Client Sample ID: ERH2182 (RHMW03)
Project: CV18F0126/60571032.02.20.01
Matrix: Ground Water

Analyses	Result	Units	DF	Qual	LOQ	LOD	DL	MCL	Method	Analysis Date / By	RunID : Run Order	BatchID
SEMI-VOLATILE ORGANIC COMPOUNDS (LOW LEVEL) BY SIM												
1-Methylnaphthalene	ND	ug/L	1	U	0.10	0.10	0.021		SW8270C	12/23/2021 19:35/jph	SV5975.I_211223A : 18	162392
2-Methylnaphthalene	ND	ug/L	1	U	0.10	0.10	0.018		SW8270C	12/23/2021 19:35/jph	SV5975.I_211223A : 18	162392
Naphthalene	ND	ug/L	1	U	0.10	0.10	0.029		SW8270C	12/23/2021 19:35/jph	SV5975.I_211223A : 18	162392
Surr: 2-Fluorobiphenyl	68.0	%REC	20		53-106				SW8270C	12/23/2021 20:08/jph	SV5975.I_211223A : 19	162392
Surr: Nitrobenzene-d5	54.0	%REC	20	S	55-111				SW8270C	12/23/2021 20:08/jph	SV5975.I_211223A : 19	162392
Surr: Terphenyl-d14	90.0	%REC	20		58-132				SW8270C	12/23/2021 20:08/jph	SV5975.I_211223A : 19	162392

PRELIMINARY



LABORATORY ANALYTICAL REPORT

Prepared by Billings, MT Branch

Lab ID: B21121611-002

Collection Date: 12/15/2021 19:40

Date Received: 12/18/2021

Report Date: 01/20/2022

Client: AECOM - Honolulu
Client Sample ID: ERH2181 Client Trip Blank
Project: CV18F0126/60571032.02.20.01
Matrix: Trip Blank

Analyses	Result	Units	DF	Qual	LOQ	LOD	DL	MCL	Method	Analysis Date / By	RunID : Run Order	BatchID
VOLATILE ORGANIC COMPOUNDS												
Benzene	ND	ug/L	1	U	1.0	0.25	0.12		SW8260B	12/22/2021 08:39/msc	VOA5975C.I_211221B : 9	R372445
Bromobenzene	ND	ug/L	1	U	1.0	0.25	0.12		SW8260B	12/22/2021 08:39/msc	VOA5975C.I_211221B : 9	R372445
Bromochloromethane	ND	ug/L	1	U	1.0	0.50	0.18		SW8260B	12/22/2021 08:39/msc	VOA5975C.I_211221B : 9	R372445
Bromodichloromethane	ND	ug/L	1	U	1.0	0.50	0.16		SW8260B	12/22/2021 08:39/msc	VOA5975C.I_211221B : 9	R372445
Bromoform	ND	ug/L	1	U	1.0	0.25	0.12		SW8260B	12/22/2021 08:39/msc	VOA5975C.I_211221B : 9	R372445
Bromomethane	ND	ug/L	1	U	1.0	0.50	0.25		SW8260B	12/22/2021 08:39/msc	VOA5975C.I_211221B : 9	R372445
Carbon tetrachloride	ND	ug/L	1	U	1.0	0.50	0.16		SW8260B	12/22/2021 08:39/msc	VOA5975C.I_211221B : 9	R372445
Chlorobenzene	ND	ug/L	1	U	1.0	0.25	0.12		SW8260B	12/22/2021 08:39/msc	VOA5975C.I_211221B : 9	R372445
Chlorodibromomethane	ND	ug/L	1	U	1.0	0.25	0.084		SW8260B	12/22/2021 08:39/msc	VOA5975C.I_211221B : 9	R372445
Chloroethane	ND	ug/L	1	U	1.0	0.50	0.17		SW8260B	12/22/2021 08:39/msc	VOA5975C.I_211221B : 9	R372445
Chloroform	ND	ug/L	1	U	1.0	0.25	0.079		SW8260B	12/22/2021 08:39/msc	VOA5975C.I_211221B : 9	R372445
Chloromethane	ND	ug/L	1	U	1.0	0.50	0.19		SW8260B	12/22/2021 08:39/msc	VOA5975C.I_211221B : 9	R372445
1,2-Dibromoethane	ND	ug/L	1	U	1.0	0.50	0.14		SW8260B	12/22/2021 08:39/msc	VOA5975C.I_211221B : 9	R372445
2-Chlorotoluene	ND	ug/L	1	U	1.0	0.25	0.088		SW8260B	12/22/2021 08:39/msc	VOA5975C.I_211221B : 9	R372445
4-Chlorotoluene	ND	ug/L	1	U	1.0	0.25	0.091		SW8260B	12/22/2021 08:39/msc	VOA5975C.I_211221B : 9	R372445
Dibromomethane	ND	ug/L	1	U	1.0	0.50	0.16		SW8260B	12/22/2021 08:39/msc	VOA5975C.I_211221B : 9	R372445
1,2-Dichlorobenzene	ND	ug/L	1	U	1.0	0.25	0.086		SW8260B	12/22/2021 08:39/msc	VOA5975C.I_211221B : 9	R372445
1,3-Dichlorobenzene	ND	ug/L	1	U	1.0	0.25	0.10		SW8260B	12/22/2021 08:39/msc	VOA5975C.I_211221B : 9	R372445
1,4-Dichlorobenzene	ND	ug/L	1	U	1.0	0.25	0.086		SW8260B	12/22/2021 08:39/msc	VOA5975C.I_211221B : 9	R372445
Dichlorodifluoromethane	ND	ug/L	1	U	1.0	0.50	0.18		SW8260B	12/22/2021 08:39/msc	VOA5975C.I_211221B : 9	R372445
1,1-Dichloroethane	ND	ug/L	1	U	1.0	0.50	0.18		SW8260B	12/22/2021 08:39/msc	VOA5975C.I_211221B : 9	R372445
1,2-Dichloroethane	ND	ug/L	1	U	1.0	0.50	0.16		SW8260B	12/22/2021 08:39/msc	VOA5975C.I_211221B : 9	R372445
1,1-Dichloroethene	ND	ug/L	1	U	1.0	0.50	0.14		SW8260B	12/22/2021 08:39/msc	VOA5975C.I_211221B : 9	R372445
cis-1,2-Dichloroethene	ND	ug/L	1	U	1.0	0.50	0.17		SW8260B	12/22/2021 08:39/msc	VOA5975C.I_211221B : 9	R372445
trans-1,2-Dichloroethene	ND	ug/L	1	U	1.0	0.50	0.15		SW8260B	12/22/2021 08:39/msc	VOA5975C.I_211221B : 9	R372445
1,2-Dichloropropane	ND	ug/L	1	U	1.0	0.25	0.089		SW8260B	12/22/2021 08:39/msc	VOA5975C.I_211221B : 9	R372445
1,3-Dichloropropane	ND	ug/L	1	U	1.0	0.25	0.11		SW8260B	12/22/2021 08:39/msc	VOA5975C.I_211221B : 9	R372445
2,2-Dichloropropane	ND	ug/L	1	U	1.0	0.50	0.20		SW8260B	12/22/2021 08:39/msc	VOA5975C.I_211221B : 9	R372445
1,1-Dichloropropene	ND	ug/L	1	U	1.0	0.25	0.083		SW8260B	12/22/2021 08:39/msc	VOA5975C.I_211221B : 9	R372445
cis-1,3-Dichloropropene	ND	ug/L	1	U	1.0	0.25	0.094		SW8260B	12/22/2021 08:39/msc	VOA5975C.I_211221B : 9	R372445
trans-1,3-Dichloropropene	ND	ug/L	1	U	1.0	0.25	0.085		SW8260B	12/22/2021 08:39/msc	VOA5975C.I_211221B : 9	R372445
Ethylbenzene	ND	ug/L	1	U	1.0	0.25	0.091		SW8260B	12/22/2021 08:39/msc	VOA5975C.I_211221B : 9	R372445
Methyl ethyl ketone	ND	ug/L	1	U	20	5.0	2.2		SW8260B	12/22/2021 08:39/msc	VOA5975C.I_211221B : 9	R372445
Methyl tert-butyl ether (MTBE)	ND	ug/L	1	U	1.0	0.25	0.12		SW8260B	12/22/2021 08:39/msc	VOA5975C.I_211221B : 9	R372445
Methylene chloride	ND	ug/L	1	U	1.0	0.50	0.13		SW8260B	12/22/2021 08:39/msc	VOA5975C.I_211221B : 9	R372445
Styrene	ND	ug/L	1	U	1.0	0.25	0.067		SW8260B	12/22/2021 08:39/msc	VOA5975C.I_211221B : 9	R372445
1,1,1,2-Tetrachloroethane	ND	ug/L	1	U	1.0	0.25	0.11		SW8260B	12/22/2021 08:39/msc	VOA5975C.I_211221B : 9	R372445
1,1,2,2-Tetrachloroethane	ND	ug/L	1	U	1.0	0.25	0.087		SW8260B	12/22/2021 08:39/msc	VOA5975C.I_211221B : 9	R372445
Tetrachloroethene	ND	ug/L	1	U	1.0	0.25	0.067		SW8260B	12/22/2021 08:39/msc	VOA5975C.I_211221B : 9	R372445



LABORATORY ANALYTICAL REPORT

Prepared by Billings, MT Branch

Lab ID: B21121611-002

Collection Date: 12/15/2021 19:40

Date Received: 12/18/2021

Report Date: 01/20/2022

Client: AECOM - Honolulu
Client Sample ID: ERH2181 Client Trip Blank
Project: CV18F0126/60571032.02.20.01
Matrix: Trip Blank

Analyses	Result	Units	DF	Qual	LOQ	LOD	DL	MCL	Method	Analysis Date / By	RunID : Run Order	BatchID
VOLATILE ORGANIC COMPOUNDS												
Toluene	ND	ug/L	1	U	1.0	0.25	0.075		SW8260B	12/22/2021 08:39/msc	VOA5975C.I_211221B : 9	R372445
1,1,1-Trichloroethane	ND	ug/L	1	U	1.0	0.50	0.13		SW8260B	12/22/2021 08:39/msc	VOA5975C.I_211221B : 9	R372445
1,1,2-Trichloroethane	ND	ug/L	1	U	1.0	0.25	0.11		SW8260B	12/22/2021 08:39/msc	VOA5975C.I_211221B : 9	R372445
Trichloroethene	ND	ug/L	1	U	1.0	0.25	0.099		SW8260B	12/22/2021 08:39/msc	VOA5975C.I_211221B : 9	R372445
Trichlorofluoromethane	ND	ug/L	1	U	1.0	0.50	0.13		SW8260B	12/22/2021 08:39/msc	VOA5975C.I_211221B : 9	R372445
1,2,3-Trichloropropane	ND	ug/L	1	U	1.0	0.50	0.38		SW8260B	12/22/2021 08:39/msc	VOA5975C.I_211221B : 9	R372445
Vinyl chloride	ND	ug/L	1	U	1.0	0.50	0.15		SW8260B	12/22/2021 08:39/msc	VOA5975C.I_211221B : 9	R372445
m+p-Xylenes	ND	ug/L	1	U	1.0	0.50	0.16		SW8260B	12/22/2021 08:39/msc	VOA5975C.I_211221B : 9	R372445
o-Xylene	ND	ug/L	1	U	1.0	0.20	0.060		SW8260B	12/22/2021 08:39/msc	VOA5975C.I_211221B : 9	R372445
Xylenes, Total	ND	ug/L	1	U	1.0	0.20	0.060		SW8260B	12/22/2021 08:39/msc	VOA5975C.I_211221B : 9	R372445
Surr: Dibromofluoromethane	111.0	%REC	1		80-119				SW8260B	12/22/2021 08:39/msc	VOA5975C.I_211221B : 9	R372445
Surr: 1,2-Dichloroethane-d4	114.0	%REC	1		81-118				SW8260B	12/22/2021 08:39/msc	VOA5975C.I_211221B : 9	R372445
Surr: Toluene-d8	102.0	%REC	1		89-112				SW8260B	12/22/2021 08:39/msc	VOA5975C.I_211221B : 9	R372445
Surr: p-Bromofluorobenzene	112.0	%REC	1		85-114				SW8260B	12/22/2021 08:39/msc	VOA5975C.I_211221B : 9	R372445

PRELIMINARY



LABORATORY ANALYTICAL REPORT

Prepared by Billings, MT Branch

Lab ID: B21121611-003
Collection Date: 12/15/2021 19:40
Date Received: 12/18/2021
Report Date: 01/20/2022

Client: AECOM - Honolulu
Client Sample ID: ERH2181 Client Trip Blank
Project: CV18F0126/60571032.02.20.01
Matrix: Trip Blank

Analyses	Result	Units	DF	Qual	LOQ	LOD	DL	MCL	Method	Analysis Date / By	RunID : Run Order	BatchID
PETROLEUM HYDROCARBONS-VOLATILE												
C6 to C10	ND	ug/L	1	U	20	8.7	2.3		SW8015C	12/21/2021 12:59/jp	PE 1_211221A : 7	R372185
Total Purgeable Hydrocarbons	ND	ug/L	1	U	20	10	3.6		SW8015C	12/21/2021 12:59/jp	PE 1_211221A : 7	R372185
Surr: Trifluorotoluene	79.0	%REC	1		70-130				SW8015C	12/21/2021 12:59/jp	PE 1_211221A : 7	R372185
- Note 1: C6 to C10 is defined as all hydrocarbons eluting between 2-Methylpentane and 1,2,4-Trimethylbenzene.												
- Note 2: Total Purgeable Hydrocarbons are defined as the total hydrocarbon response regardless of elution time.												

PRELIMINARY



LABORATORY ANALYTICAL REPORT

Prepared by Billings, MT Branch

Client: AECOM - Honolulu
Client Sample ID: ERH2181 Client Trip Blank
Project: CV18F0126/60571032.02.20.01
Matrix: Trip Blank

Lab ID: B21121611-004
Collection Date: 12/15/2021 19:40
Date Received: 12/18/2021
Report Date: 01/20/2022

Analyses	Result	Units	DF	Qual	LOQ	LOD	DL	MCL	Method	Analysis Date / By	RunID : Run Order	BatchID
VOCS BY MICROEXTRACTION-ECD												
1,2-Dibromoethane	ND	ug/L	1	U	0.010	0.0049	0.0025		SW8011	12/21/2021 03:59/ct	GECD.I_211220A : 16	162351
Surr: 1,1,1,2-Tetrachloroethane	87.0	%REC	1		70-130				SW8011	12/21/2021 03:59/ct	GECD.I_211220A : 16	162351

PRELIMINARY



LABORATORY ANALYTICAL REPORT

Prepared by Billings, MT Branch

Client: AECOM - Honolulu
Client Sample ID: ERH2181 Client Trip Blank
Project: CV18F0126/60571032.02.20.01
Matrix: Trip Blank

Lab ID: B21121611-005
Collection Date: 12/15/2021 19:40
Date Received: 12/18/2021
Report Date: 01/20/2022

Analyses	Result	Units	DF	Qual	LOQ	LOD	DL	MCL	Method	Analysis Date / By	RunID : Run Order	BatchID
ORGANIC CHARACTERISTICS												
Methane	ND	mg/L	1	U	0.0020	0.0012	0.00070		SW8015M	12/20/2021 14:17/jdw	FID-HEADSPACE_211220B : 8	R372121

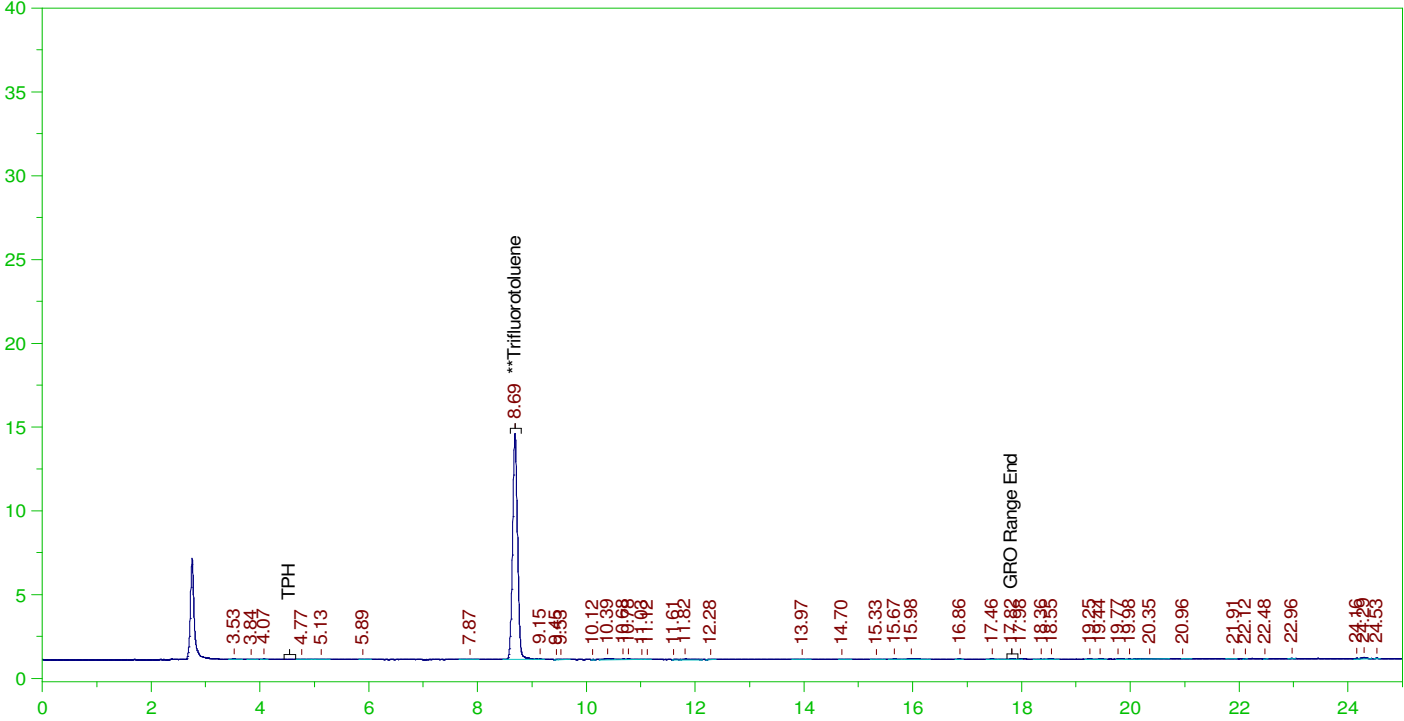
PRELIMINARY



ERH2182 (RHMW03)

G:\Org\PE1\DAT\PE1122121_b\1221PE1B.0033.RAW

B21121611-001D ;1221PE1 , \$HC-8015-GRO-W,



GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT

Sample Name: B21121611-001D ;1221PE1 , \$HC-8015-GRO-W,
Raw File: G:\Org\PE1\DAT\PE1122121_b\1221PE1B.0033.RAW
Date & Time Acquired: 12/22/2021 2:42:31 AM
Method File: G:\Org\PE1\Methods\211208G1611-1B%.MET
Calibration File: G:\Org\PE1\Cals\211208GRO8015CB.CAL
Sample Weight: 5 Dilution: 1 S.A.: 1

Mean RF for GRO: 945.9678

Mean RF for TPH: 909.3915

Rt range for Gasoline Range Organics: 4.45 to 17.93

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC
**Trifluorotoluene	8.689	25.	18.242	72.97

GRO Area:4868.245 GRO Amount: 1.029262

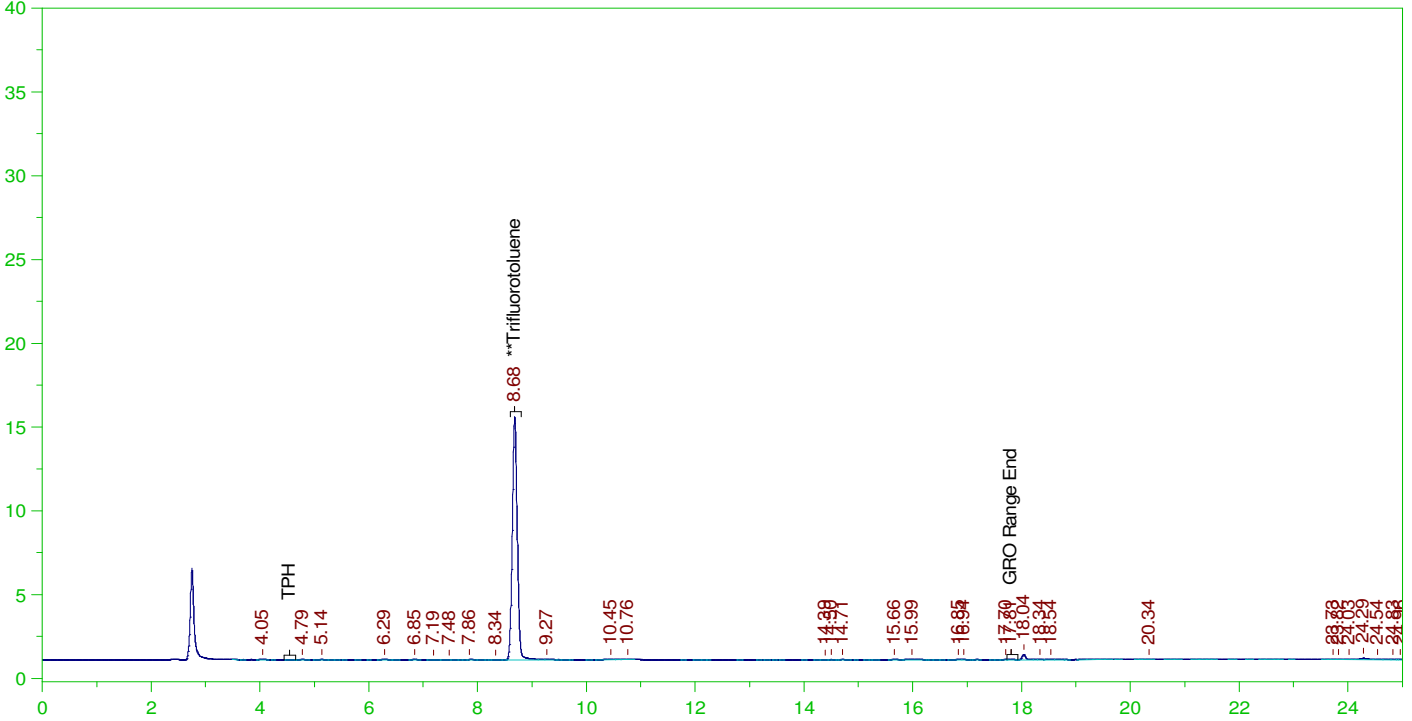
TPH Area:8461.868 TPH Amount: 1.860996



ERH2181 Client Trip Blank

G:\Org\PE1\DAT\PE1122121_b\1221PE1B.0009.RAW

B21121611-003A ;1221PE1 , \$HC-8015-GRO-W,



GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT

Sample Name: B21121611-003A ;1221PE1 , \$HC-8015-GRO-W,
 Raw File: G:\Org\PE1\DAT\PE1122121_b\1221PE1B.0009.RAW
 Date & Time Acquired: 12/21/2021 12:59:52 PM
 Method File: G:\Org\PE1\Methods\211208GROB%.MET
 Calibration File: G:\Org\PE1\Cals\211208GRO8015CB.CAL
 Sample Weight: 5 Dilution: 1 S.A.: 1

Mean RF for GRO: 945.9678
 Mean RF for TPH: 909.3915
 Rt range for Gasoline Range Organics: 4.45 to 17.93

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC
**Trifluorotoluene	8.684	25.	19.693	78.77

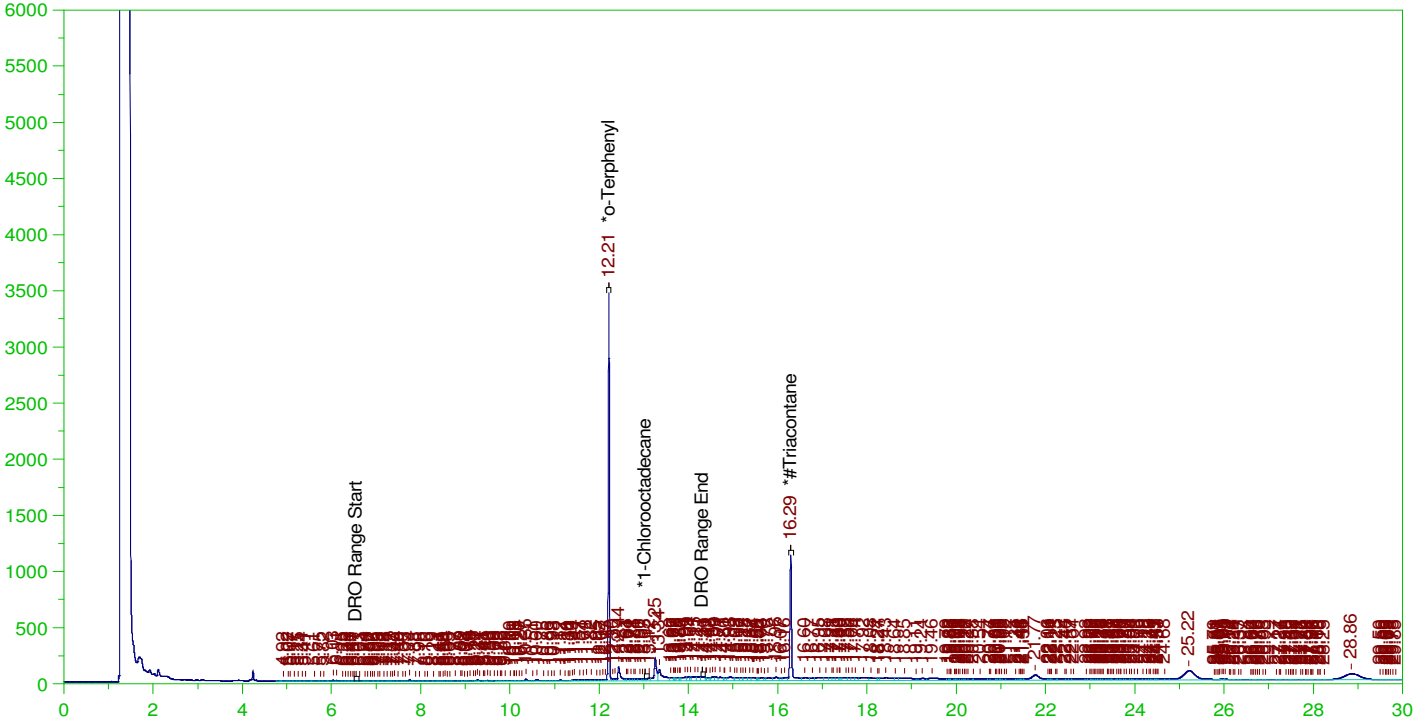
GRO Area:3913.066 GRO Amount: 0.8273149
 TPH Area:8594.336 TPH Amount: 1.890129

ERH2182 (RHMW03)

G:\org\HP5\DAT\HP5122121_b\1221HP5.0017.RAW

Batch ID: 162352

B21121611-001B ;1221HP5 , \$HC-8015-DRO-W,



DIESEL RANGE ORGANICS CHROMATOGRAM REPORT

Sample Name: B21121611-001B ;1221HP5 , \$HC-8015-DRO-W,
Raw File: G:\org\HP5\DAT\HP5122121_b\1221HP5.0017.RAW
Date & Time Acquired: 12/22/2021 1:46:53 AM
Method File: G:\Org\HP5\Methods\D3_8015-C24T-IK-L%.met
Calibration File: G:\Org\HP5\Cals\SW8015C_DRO211102IK-24-Tri.CAL
Sample Weight: 1030 Dilution: 1 S.A.: 1

Mean RF for TEH: 31353.19

Rt range for Diesel Range Organics: 6.51 to 14.38

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC	
*o-Terphenyl	12.213	.194	.176	90.51	-
*1-Chlorooctadecane	13.028	.194	.001	.76	-
*#Triacontane	16.289	.194	.109	56.12	-

DRO Area:5308837 DRO Amount: 0.1643919
TEH Area:1.946388E+07 TEH Amount: 0.6027129

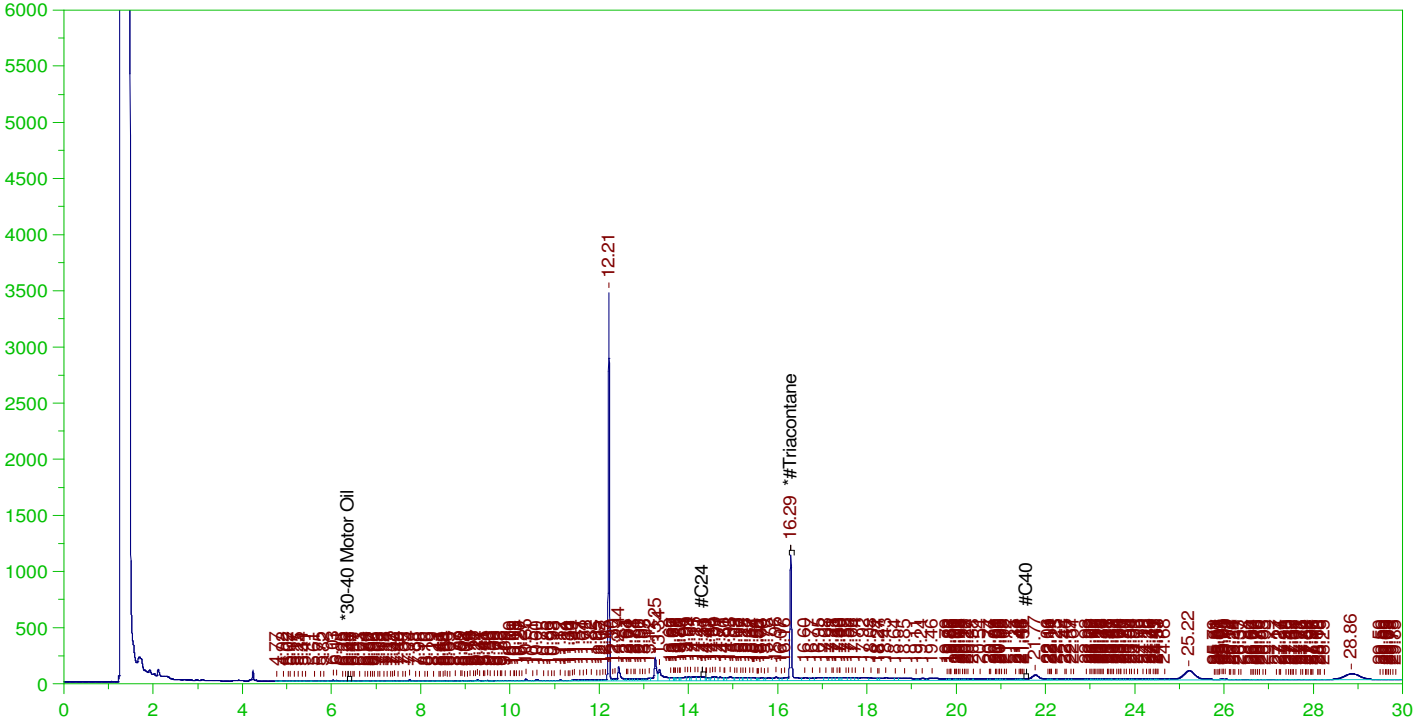


ERH2182 (RHMW03)

G:\org\HP5\DAT\HP5122121_b\1221HP5.0017.RAW

Batch ID: 162352

B21121611-001B ;1221HP5 , \$HC-8015-DRO-W,



RESIDUAL RANGE ORGANICS CHROMATOGRAM

Sample Name: B21121611-001B ;1221HP5 , \$HC-8015-DRO-W,
 Raw File: G:\org\HP5\DAT\HP5122121_b\1221HP5.0017.RAW
 Date & Time Acquired: 12/22/2021 1:46:53 AM
 Method File: G:\Org\HP5\Methods\D3_OROS-AK-L%.MET
 Calibration File: G:\Org\HP5\Cals\SW8015C_ORO211017AK-SAMP.CAL
 Sample Weight: 1030 Dilution: 1 S.A.: 1

Mean RF for for Residual Range Organics Calculations: 28542.41
 Rt range for Residual Range Organics: 14.29 to 21.62

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC	
*#Triacontane	16.289	.485	.109	22.45	-

RRO Area:8578406

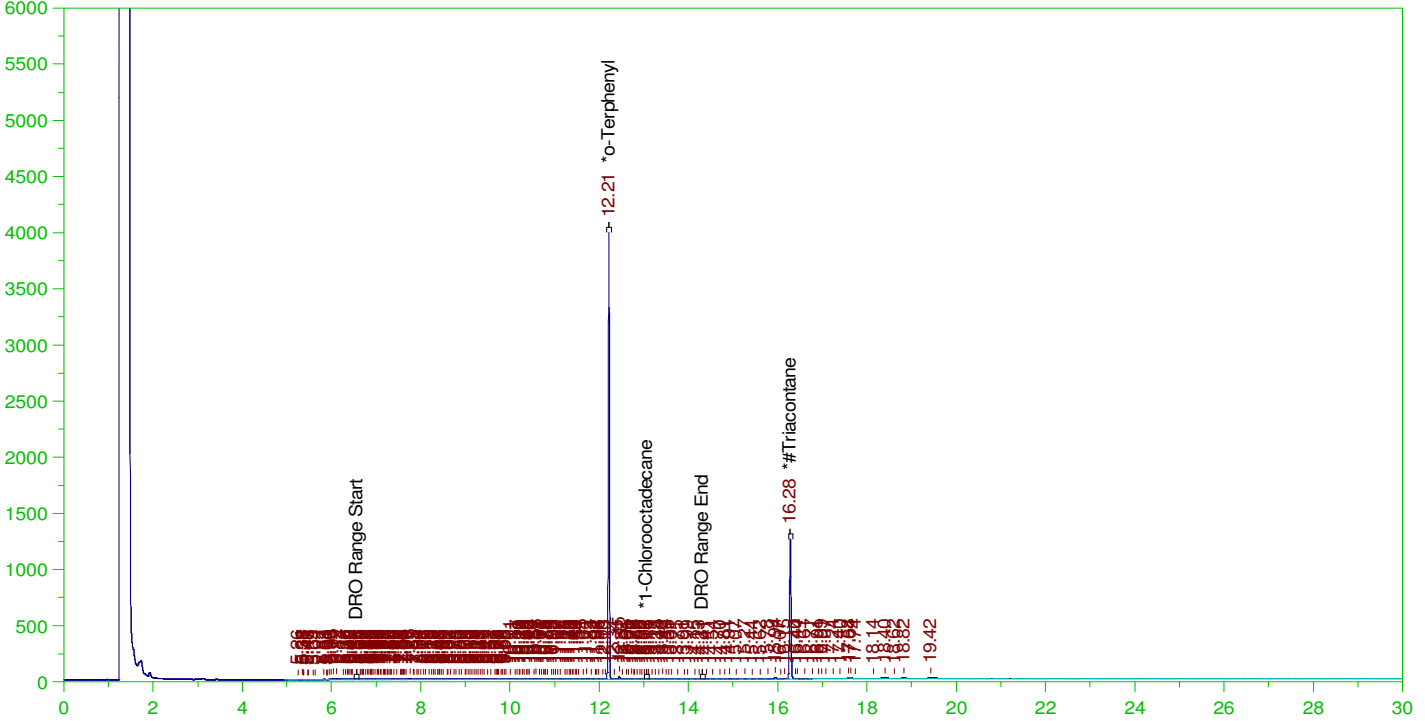
RRO AMOUNT: 0.2917956

ERH2182 (RHMW03)

Batch ID: 162352

G:\org\HP5\DAT\HP5122621_b\1226HP5.0017.RAW

B21121611-001B ;1226HP5 , \$HC-8015-DRO-W,



DIESEL RANGE ORGANICS CHROMATOGRAM REPORT

Sample Name: B21121611-001B ;1226HP5 , \$HC-8015-DRO-W,
Raw File: G:\org\HP5\DAT\HP5122621_b\1226HP5.0017.RAW
Date & Time Acquired: 12/26/2021 10:43:04 PM
Method File: G:\Org\HP5\Methods\DR_8015-C24T-IL-L%.met
Calibration File: G:\Org\HP5\Cals\SW8015C_DRO211102IL-24-Tri.CAL
Sample Weight: 1030 Dilution: 1 S.A.: 1

Mean RF for TEH: 31353.19

Rt range for Diesel Range Organics: 6.51 to 14.37

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC	
*o-Terphenyl	12.214	.194	.2	103.14	-
*1-Chlorooctadecane	13.059	.194	.	.08	-
*#Triacontane	16.279	.194	.106	54.63	-

DRO Area:815550.4 DRO Amount: 2.525409E-02
TEH Area:1293165 TEH Amount: 4.004378E-02

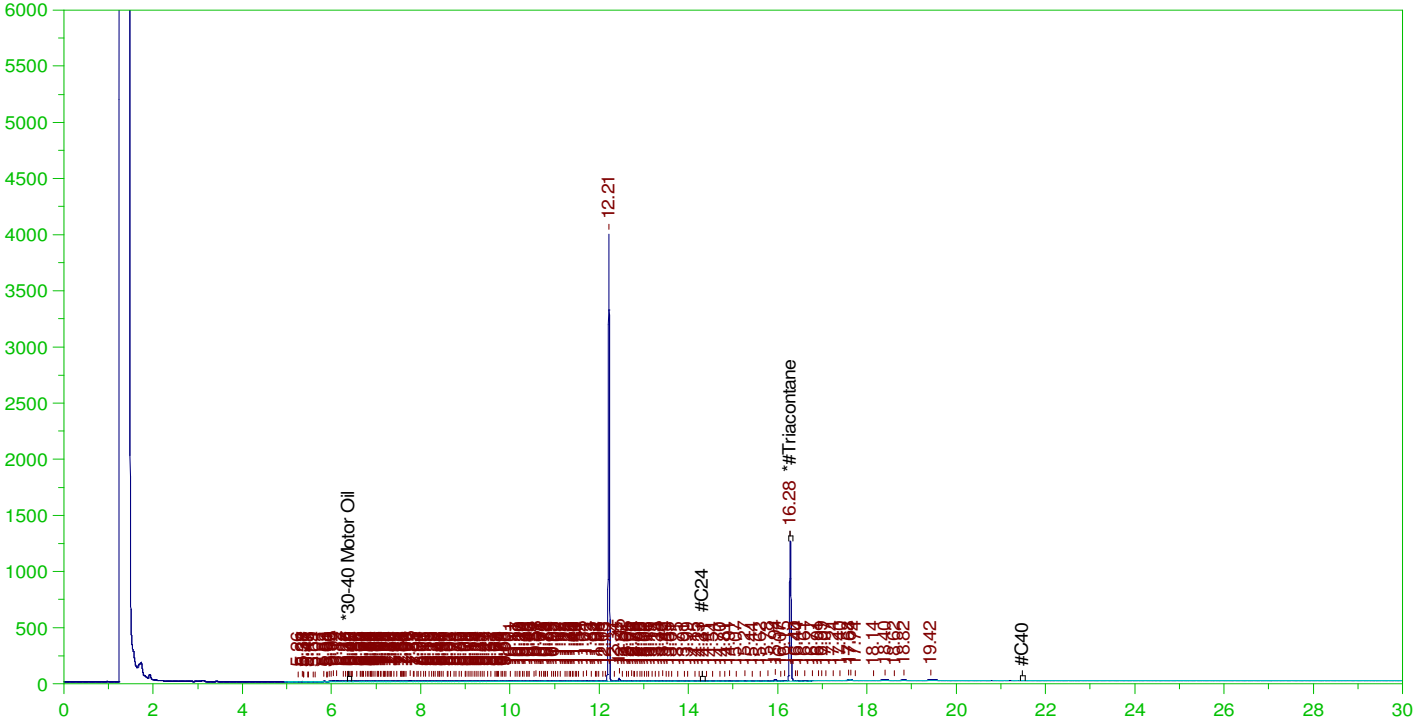


ERH2182 (RHMW03)

G:\org\HP5\DAT\HP5122621_b\1226HP5.0017.RAW

Batch ID: 162352

B21121611-001B ;1226HP5 , \$HC-8015-DRO-W,



RESIDUAL RANGE ORGANICS CHROMATOGRAM

Sample Name: B21121611-001B ;1226HP5 , \$HC-8015-DRO-W,
 Raw File: G:\org\HP5\DAT\HP5122621_b\1226HP5.0017.RAW
 Date & Time Acquired: 12/26/2021 10:43:04 PM
 Method File: G:\Org\HP5\Methods\DR_OROS-AL-L%.MET
 Calibration File: G:\Org\HP5\Cals\SW8015C_ORO211017AL-SAMP.CAL
 Sample Weight: 1030 Dilution: 1 S.A.: 1

Mean RF for for Residual Range Organics Calculations: 28542.41
 Rt range for Residual Range Organics: 14.27 to 21.54

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC	
*#Triacontane	16.279	.485	.106	21.85	-

RRO Area:377598.7 RRO AMOUNT: 1.284407E-02