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☐ Final Report
☑ Revised Report

Report Date:
27-Aug-18 14:23

Laboratory Report
SC49472

Gulf Oil L.P.
281 Eastern Avenue
Chelsea, MA 02150
Attn: Andrew P. Adams

Project: Gulf Terminal - Chelsea, MA
Project #: [none]

I attest that the information contained within the report has been reviewed for accuracy and checked against the quality control requirements for each method. These results relate only to the sample(s) as received.
All applicable NELAC requirements have been met.

Massachusetts # M-MA138/MA1110
Connecticut # PH-0777
Florida # E87936
Maine # MA138
New Hampshire # 2972/2538
New Jersey # MA011
New York # 11393
Pennsylvania # 68-04426/68-02924
Rhode Island # LAO00348
USDA # P330-15-00375
Vermont # VT-11393

Authorized by:

Dawn Wojcik
Laboratory Director

Eurofins Spectrum Analytical holds primary certification in the State of Massachusetts for the analytes as indicated with an X in the "Cert." column within this report. Please note that the State of Massachusetts does not offer certification for all analytes. Please refer to our website for specific certification holdings in each state.
Please note that this report contains 12 pages of analytical data plus Chain of Custody document(s). When the Laboratory Report is indicated as revised, this report supersedes any previously dated reports for the laboratory ID(s) referenced above. Where this report identifies subcontracted analyses, copies of the subcontractor's test report are available upon request. This report may not be reproduced, except in full, without written approval from Eurofins Spectrum Analytical, Inc.

Eurofins Spectrum Analytical, Inc. is a NELAC accredited laboratory organization and meets NELAC testing standards. Use of the NELAC logo however does not insure that Eurofins Spectrum Analytical, Inc. is currently accredited for the specific method or analyte indicated. Please refer to our Quality web page at www.spectrum-analytical.com for a full listing of our current certifications and fields of accreditation. States in which Eurofins Spectrum Analytical, Inc. holds NELAC certification are New York, New Hampshire, New Jersey, Pennsylvania and Florida. All analytical work for Volatile Organic and Air analysis are transferred to and conducted at our 830 Silver Street location (PA-68-04426).

Please contact the Laboratory or Technical Director at 800-789-9115 with any questions regarding the data contained in this laboratory report.

Sample Summary

Work Order: SC49472

Project: Gulf Terminal - Chelsea, MA

Project Number: [none]

Laboratory ID	Client Sample ID	Matrix	Date Sampled	Date Received
SC49472-01	Outfall 003	Surface Water	10-Aug-18 14:45	14-Aug-18 15:30
SC49472-02	TB-1/-2	Trip Blank	10-Aug-18 00:00	14-Aug-18 15:30

CASE NARRATIVE:

Data has been reported to the RDL. This report excludes estimated concentrations detected below the RDL and above the MDL (J-Flag).

All non-detects and all results below the reporting limit are reported as "<" (less than) the reporting limit in this report.

The samples were received 2.2 degrees Celsius, please refer to the Chain of Custody for details specific to temperature upon receipt. An infrared thermometer with a tolerance of +/- 1.0 degrees Celsius was used immediately upon receipt of the samples.

If a Matrix Spike (MS), Matrix Spike Duplicate (MSD) or Duplicate (DUP) was not requested on the Chain of Custody, method criteria may have been fulfilled with a source sample not of this Sample Delivery Group. If method or program required MS/MSD/Dup were not performed, sufficient sample was not provided to the laboratory.

Analyses for Total Hardness, pH, and Total Residual Chlorine fall under the state of Pennsylvania code Chapter 252.6 accreditation by rule.

August 27, 2018 Report Revision Case Narrative:

This report is being re-issued to update the analyte list for 8270 as requested by the client.

See below for any non-conformances and issues relating to quality control samples and/or sample analysis/matrix.

SW8260C

Laboratory Control Samples:

CB12224-LCS

A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.

Benzene
Naphthalene

CB12224-BLK

A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.

Benzene
Naphthalene

CB12224-LCSD

A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.

Benzene
Naphthalene

SW846 8270D SIM

Laboratory Control Samples:

1811183-BSD1

Surrogate is outside of acceptance criteria, however data is accepted based on passing recovery of the LCS.

Benzo (e) pyrene-d12

Sample Acceptance Check Form

Client:	Gulf Oil L.P.
Project:	Gulf Terminal - Chelsea, MA / [none]
Work Order:	SC49472
Sample(s) received on:	8/14/2018

The following outlines the condition of samples for the attached Chain of Custody upon receipt.

	Yes	No	N/A
Were custody seals present?	☐	☑	☐
Were custody seals intact?	☐	☐	☑
Were samples received at a temperature of ≤ 6°C?	☑	☐	☐
Were samples refrigerated upon transfer to laboratory representative?	☑	☐	☐
Were sample containers received intact?	☑	☐	☐
Were samples properly labeled (labels affixed to sample containers and include sample ID, site location, and/or project number and the collection date)?	☑	☐	☐
Were samples accompanied by a Chain of Custody document?	☑	☐	☐
Does Chain of Custody document include proper, full, and complete documentation, which shall include sample ID, site location, and/or project number, date and time of collection, collector's name, preservation type, sample matrix and any special remarks concerning the sample?	☑	☐	☐
Did sample container labels agree with Chain of Custody document?	☑	☐	☐
Were samples received within method-specific holding times?	☑	☐	☐

Summary of Hits

Lab ID: SC49472-01 **Client ID:** Outfall 003

Parameter	Result	Flag	Reporting Limit	Units	Analytical Method
Oil & Grease	1.60		1.00	mg/l	EPA 1664B
Total Suspended Solids	11.4		0.7	mg/l	SM2540D (11)

Please note that because there are no reporting limits associated with hazardous waste characterizations or micro analyses, this summary does not include hits from these analyses if included in this work order.

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Outfall 003 SC49472-01	[none]	Surface Water	10-Aug-18 14:45	14-Aug-18

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GCMS													
SVOCs by SIM Prepared by method SW846 3510C													
50-32-8	Benzo (a) pyrene	< 0.047		µg/l	0.047	0.019	1	SW846 8270D SIM	15-Aug-18	17-Aug-18	MSL	1811183	
91-20-3	Naphthalene	< 0.047		µg/l	0.047	0.020	1	"	"	"	"	"	
Surrogate recoveries:													
205440-82-0	*Benzo (e) pyrene-d12*	*47*			*30-130 %*			"	"	"	"	"	
Extractable Petroleum Hydrocarbons Prepared by method General Preparation SVOC													
	Oil & Grease	**1.60**	OG	mg/l	1.00	0.915	1	EPA 1664B	15-Aug-18	16-Aug-18	SC	1811230	X
General Chemistry Parameters													
	pH	**7.58**	pH	pH Units			1	ASTM D 1293-99B	14-Aug-18 16:30	14-Aug-18 17:00	BD	1811172	X
	Total Suspended Solids	**11.4**		mg/l	0.7	0.3	1	SM2540D (11)	15-Aug-18	16-Aug-18	CMB	1811212	X
Subcontracted Analyses													
Subcontracted Analyses Prepared by method 443528-													
*Analysis performed by Phoenix Environmental Labs, Inc. * - MACT007*													
71-43-2	Benzene	< 1.0		ug/l	1.0	1.0	1	SW8260C	10-Aug-18 14:45	15-Aug-18 22:23	M-CT007	443528A	
91-20-3	Naphthalene	< 5.0		ug/l	5.0	5.0	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
TB-1/-2 SC49472-02	[none]	Trip Blank	10-Aug-18 00:00	14-Aug-18

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Subcontracted Analyses													
Subcontracted Analyses Prepared by method 443528-													
*Analysis performed by Phoenix Environmental Labs, Inc. * - MACT007*													
71-43-2	Benzene	< 1.0		ug/l	1.0	1.0	1	SW8260C	10-Aug-18	15-Aug-18 21:35	M-CT007	443528A	
91-20-3	Naphthalene	< 5.0		ug/l	5.0	5.0	1	"	"	"	"	"	

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
SW846 8270D SIM										
Batch 1811183 - SW846 3510C										
Blank (1811183-BLK1)					Prepared: 15-Aug-18 Analyzed: 17-Aug-18					
Acenaphthene	< 0.050		µg/l	0.050						
Acenaphthylene	< 0.050		µg/l	0.050						
Anthracene	< 0.050		µg/l	0.050						
Benzo (a) anthracene	< 0.050		µg/l	0.050						
Benzo (a) pyrene	< 0.050		µg/l	0.050						
Benzo (b) fluoranthene	< 0.050		µg/l	0.050						
Benzo (g,h,i) perylene	< 0.050		µg/l	0.050						
Benzo (k) fluoranthene	< 0.050		µg/l	0.050						
Chrysene	< 0.050		µg/l	0.050						
Dibenzo (a,h) anthracene	< 0.050		µg/l	0.050						
Fluoranthene	< 0.050		µg/l	0.050						
Fluorene	< 0.050		µg/l	0.050						
Indeno (1,2,3-cd) pyrene	< 0.050		µg/l	0.050						
Naphthalene	< 0.050		µg/l	0.050						
Phenanthrene	< 0.050		µg/l	0.050						
Pyrene	< 0.050		µg/l	0.050						
Surrogate: Benzo (e) pyrene-d12	*0.410*		µg/l		*1.00*		*41*	*30-130*		
LCS (1811183-BS1)					Prepared: 15-Aug-18 Analyzed: 17-Aug-18					
Acenaphthene	**0.565**		µg/l	0.050	0.990		57	40-140		
Acenaphthylene	**0.526**		µg/l	0.050	0.990		53	40-140		
Anthracene	**0.543**		µg/l	0.050	0.990		55	40-140		
Benzo (a) anthracene	**0.652**		µg/l	0.050	0.990		66	40-140		
Benzo (a) pyrene	**0.626**		µg/l	0.050	0.990		63	40-140		
Benzo (b) fluoranthene	**0.629**		µg/l	0.050	0.990		64	40-140		
Benzo (g,h,i) perylene	**0.663**		µg/l	0.050	0.990		67	40-140		
Benzo (k) fluoranthene	**0.624**		µg/l	0.050	0.990		63	40-140		
Chrysene	**0.620**		µg/l	0.050	0.990		63	40-140		
Dibenzo (a,h) anthracene	**0.662**		µg/l	0.050	0.990		67	40-140		
Fluoranthene	**0.589**		µg/l	0.050	0.990		59	40-140		
Fluorene	**0.568**		µg/l	0.050	0.990		57	40-140		
Indeno (1,2,3-cd) pyrene	**0.668**		µg/l	0.050	0.990		67	40-140		
Naphthalene	**0.527**		µg/l	0.050	0.990		53	40-140		
Phenanthrene	**0.572**		µg/l	0.050	0.990		58	40-140		
Pyrene	**0.615**		µg/l	0.050	0.990		62	40-140		
Surrogate: Benzo (e) pyrene-d12	*0.356*		µg/l		*0.990*		*36*	*30-130*		
LCS Dup (1811183-BSD1)					Prepared: 15-Aug-18 Analyzed: 17-Aug-18					
Acenaphthene	**0.489**		µg/l	0.051	1.02		48	40-140	14	20
Acenaphthylene	**0.444**		µg/l	0.051	1.02		43	40-140	17	20
Anthracene	**0.466**		µg/l	0.051	1.02		46	40-140	15	20
Benzo (a) anthracene	**0.552**		µg/l	0.051	1.02		54	40-140	17	20
Benzo (a) pyrene	**0.535**		µg/l	0.051	1.02		52	40-140	16	20
Benzo (b) fluoranthene	**0.538**		µg/l	0.051	1.02		53	40-140	16	20
Benzo (g,h,i) perylene	**0.565**		µg/l	0.051	1.02		55	40-140	16	20
Benzo (k) fluoranthene	**0.533**		µg/l	0.051	1.02		52	40-140	16	20
Chrysene	**0.530**		µg/l	0.051	1.02		52	40-140	16	20
Dibenzo (a,h) anthracene	**0.570**		µg/l	0.051	1.02		56	40-140	15	20
Fluoranthene	**0.496**		µg/l	0.051	1.02		49	40-140	17	20
Fluorene	**0.484**		µg/l	0.051	1.02		47	40-140	16	20
Indeno (1,2,3-cd) pyrene	**0.567**		µg/l	0.051	1.02		56	40-140	16	20
Naphthalene	**0.452**		µg/l	0.051	1.02		44	40-140	15	20

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
SW846 8270D SIM										
Batch 1811183 - SW846 3510C										
LCS Dup (1811183-BSD1)					Prepared: 15-Aug-18 Analyzed: 17-Aug-18					
Phenanthrene	**0.488**		µg/l	0.051	1.02		48	40-140	16	20
Pyrene	**0.521**		µg/l	0.051	1.02		51	40-140	17	20
Surrogate: Benzo (e) pyrene-d12	*0.296*	Z-2	µg/l		*1.02*		*29*	*30-130*		
Duplicate (1811183-DUP1)			**Source: SC49472-01**		Prepared: 15-Aug-18 Analyzed: 17-Aug-18					
Acenaphthene	< 0.049		µg/l	0.049		BRL				20
Acenaphthylene	< 0.049		µg/l	0.049		BRL				20
Anthracene	< 0.049		µg/l	0.049		BRL				20
Benzo (a) anthracene	< 0.049		µg/l	0.049		BRL				20
Benzo (a) pyrene	< 0.049		µg/l	0.049		BRL				20
Benzo (b) fluoranthene	< 0.049		µg/l	0.049		BRL				20
Benzo (g,h,i) perylene	< 0.049		µg/l	0.049		BRL				20
Benzo (k) fluoranthene	< 0.049		µg/l	0.049		BRL				20
Chrysene	< 0.049		µg/l	0.049		BRL				20
Dibenzo (a,h) anthracene	< 0.049		µg/l	0.049		BRL				20
Fluoranthene	< 0.049		µg/l	0.049		BRL				20
Fluorene	< 0.049		µg/l	0.049		BRL				20
Indeno (1,2,3-cd) pyrene	< 0.049		µg/l	0.049		BRL				20
Naphthalene	< 0.049		µg/l	0.049		BRL				20
Phenanthrene	< 0.049		µg/l	0.049		BRL				20
Pyrene	< 0.049		µg/l	0.049		BRL				20
Surrogate: Benzo (e) pyrene-d12	*0.495*		µg/l		*0.971*		*51*	*30-130*		

Extractable Petroleum Hydrocarbons - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
EPA 1664B										
Batch 1811230 - General Preparation SVOC										
Blank (1811230-BLK1)					Prepared: 15-Aug-18 Analyzed: 16-Aug-18					
Oil & Grease	< 1.05		mg/l	1.05						
LCS (1811230-BS1)					Prepared: 15-Aug-18 Analyzed: 16-Aug-18					
Oil & Grease	**32.3**		mg/l	1.03	41.0		79	78-114		

General Chemistry Parameters - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
ASTM D 1293-99B										
Batch 1811172 - General Preparation										
Reference (1811172-SRM1)					Prepared & Analyzed: 14-Aug-18					
pH	**6.02**		pH Units		6.00		100	97.5-102.5		
Reference (1811172-SRM2)					Prepared & Analyzed: 14-Aug-18					
pH	**6.01**		pH Units		6.00		100	97.5-102.5		
SM2540D (11)										
Batch 1811212 - General Preparation										
Blank (1811212-BLK1)					Prepared: 15-Aug-18 Analyzed: 16-Aug-18					
Total Suspended Solids	< 0.5		mg/l	0.5						
LCS (1811212-BS1)					Prepared: 15-Aug-18 Analyzed: 16-Aug-18					
Total Suspended Solids	**96.0**		mg/l	10.0	100		96	90-110		

Subcontracted Analyses - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
SW8260C										
Batch 443528A - 443528-										
BLK (CB12224-BLK)						Prepared:	Analyzed: 15-Aug-18			
Benzene	< 0.70	c1	ug/l	0.70				-		
Naphthalene	< 1.0	c1	ug/l	1.0				-		
LCS (CB12224-LCS)						Prepared:	Analyzed: 15-Aug-18			
Benzene	**50.18**	c1	ug/l	0.70	50		100	70-130		30
Naphthalene	**57.35**	c1	ug/l	1.0	50		115	70-130		30
LCSD (CB12224-LCSD)						Prepared:	Analyzed: 15-Aug-18			
Naphthalene	**58.98**	c1	%	%	50		118	70-130	2.6	30
Benzene	**51.44**	c1	%	%	50		103	70-130	3.0	30

Notes and Definitions

c1	A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.
Z-2	Surrogate is outside of acceptance criteria, however data is accepted based on passing recovery of the LCS.
dry	Sample results reported on a dry weight basis
NR	Not Reported
RPD	Relative Percent Difference
OG	The required Matrix Spike and Matrix Spike Duplicate (MS/MSD) for Oil & Grease method 1664B can only be analyzed when the client has submitted sufficient sample volume. An extra liter per MS/MSD is required to fulfill the method QC criteria. Please refer to Chain of Custody and QC Summary (MS/MSD) of the Laboratory Report to verify ample sample volume was submitted to fulfill the requirement.
pH	The method for pH does not stipulate a specific holding time other than to state that the samples should be analyzed as soon as possible. For aqueous samples the 40 CFR 136 specifies a holding time of 15 minutes from sampling to analysis. Therefore all aqueous pH samples not analyzed in the field are considered out of hold time at the time of sample receipt. All soil samples are analyzed as soon as possible after sample receipt.

Laboratory Control Sample (LCS): A known matrix spiked with compound(s) representative of the target analytes, which is used to document laboratory performance.

Matrix Duplicate: An intra-laboratory split sample which is used to document the precision of a method in a given sample matrix.

Matrix Spike: An aliquot of a sample spiked with a known concentration of target analyte(s). The spiking occurs prior to sample preparation and analysis. A matrix spike is used to document the bias of a method in a given sample matrix.

Method Blank: An analyte-free matrix to which all reagents are added in the same volumes or proportions as used in sample processing. The method blank should be carried through the complete sample preparation and analytical procedure. The method blank is used to document contamination resulting from the analytical process.

Method Detection Limit (MDL): The minimum concentration of a substance that can be measured and reported with 99% confidence that the analyte concentration is greater than zero and is determined from analysis of a sample in a given matrix type containing the analyte.

Reportable Detection Limit (RDL): The lowest concentration that can be reliably achieved within specified limits of precision and accuracy during routine laboratory operating conditions. For many analytes the RDL analyte concentration is selected as the lowest non-zero standard in the calibration curve. While the RDL is approximately 5 to 10 times the MDL, the RDL for each sample takes into account the sample volume/weight, extract/digestate volume, cleanup procedures and, if applicable, dry weight correction. Sample RDLs are highly matrix-dependent.

Surrogate: An organic compound which is similar to the target analyte(s) in chemical composition and behavior in the analytical process, but which is not normally found in environmental samples. These compounds are spiked into all blanks, standards, and samples prior to analysis. Percent recoveries are calculated for each surrogate.

Continuing Calibration Verification: The calibration relationship established during the initial calibration must be verified at periodic intervals. Concentrations, intervals, and criteria are method specific.

SC49472 Dry

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 1 of 1

Special Handling:

- [x] Standard TAT - 7 to 10 business days
- [ ] Rush TAT - Date Needed: _____

All TATs subject to laboratory approval
Min. 24-hr notification needed for rushes
Samples disposed after 60 days unless otherwise instructed.

Report To: Andrew Adams
Gulf Oil
281 Eastern Ave.
Chelsea, MA. 02150
Telephone #: 617-884-5980
Project Mgr: A. Adams

Invoice To: Christopher Gill
Gulf Oil
80 Williams Street, Suite 400
Wellesley MA 02481-3705
P.O No.: _____ Quote/RQN: _____

Project No: _____
Site Name: Gulf Chelsea Terminal
Location: Chelsea State: MA
Sampler(s): Aleksandar Marinkovic

F=Field Filtered 1=Na_2S2O_3 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid
7=CH3OH 8=$NaHSO_4$ 9=Deionized Water 10=H_3PO_4 11= _____ 12= _____

DW=Dinking Water GW=Groundwater SW=Surface Water WW=Waste Water
O=Oil SO=Soil SL=Sludge A=Indoor/Ambient Air SG=Soil Gas
X1= _____ X2= _____ X3= _____

G= Grab C=Compsite

List Preservative Code below: 2 | 11 | 11 | 11 | 3

QA/QC Reporting Notes:
* additional charges may appply

MA DEP MCP CAM Report? [ ] Yes [ ] No
CT DPH RCP Report? [ ] Yes [ ] No
[ ] Standard [ ] No QC
[ ] DQA*
[ ] ASP A* [ ] ASP B*
[ ] NJ Reduced* [ ] NJ Full*
[ ] Tier II* [ ] Tier IV*
[ ] Other: _____
State-specific reporting standards:

Lab ID:	Sample ID:	Date:	Time:	Type	Matrix	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic		VOC (Benz/Naph)	PAHs	TSS	pH	O&G				Check if chlorinated
SC49472-01	Outfall 003	8-10-18	1445			3					✓								☐
	Outfall 003	8-10-18	1445				2					✓							☐
	Outfall 003	8-10-18	1445						1				✓						☐
	Outfall 003	8-10-18	1445						1					✓					☐
	Outfall 003	8-10-18	1445				1								✓				☐
02	TB-1																		☐
	TB-2																		☐
																			☐
																			☐
																			☐

Relinquished by:	Received by:	Date:	Time:
[signature]	[signature]	8/14/18	11:33
[signature]	[signature]	8-10-18	1530
	[signature]	8/14/18	15:30

Temp °C: Observed 2.2; Correction Factor 0; Corrected 2.2; IR ID # 1

[ ] EDD format: _____
[x] E-mail to:* please send report to jennifer.atkins@aecom.com

Condition upon receipt: Custody Seals: [ ] Present [ ] Intact [ ] Broken
[ ] Ambient [ ] Iced [x] Refrigerated [ ] DI VOA Frozen [ ] Soil Jar Frozen

Batch Summary

1811172

General Chemistry Parameters

1811172-SRM1
1811172-SRM2
SC49472-01 (Outfall 003)

1811183

Semivolatile Organic Compounds by GCMS

1811183-BLK1
1811183-BS1
1811183-BSD1
1811183-DUP1
SC49472-01 (Outfall 003)

1811212

General Chemistry Parameters

1811212-BLK1
1811212-BS1
SC49472-01 (Outfall 003)

1811230

Extractable Petroleum Hydrocarbons

1811230-BLK1
1811230-BS1
SC49472-01 (Outfall 003)

443528A

Subcontracted Analyses

CB12224-BLK
CB12224-LCS
CB12224-LCSD
SC49472-01 (Outfall 003)
SC49472-02 (TB-1/-2)

S821213

Semivolatile Organic Compounds by GCMS

S821213-CAL1
S821213-CAL2
S821213-CAL3
S821213-CAL4
S821213-CAL5
S821213-CAL6
S821213-CAL7
S821213-CAL8
S821213-CAL9
S821213-ICV1
S821213-LCV1
S821213-LCV2
S821213-TUN1

S821690

Semivolatile Organic Compounds by GCMS

S821690-CCV1
S821690-TUN1