



ANALYTICAL REPORT

PREPARED FOR

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JOB DESCRIPTION

1,4 Dioxane

JOB NUMBER

810-164749-1

Eurofins Eaton Analytical South Bend

Job Notes

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The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Eaton Analytical, LLC Project Manager.

Authorization



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Definitions/Glossary

Client: Chemtech Consulting Group Inc.
Project/Site: 1,4 Dioxane

Job ID: 810-164749-1

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job Narrative
810-164749-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt

The samples were received on 9/19/2025 9:15 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.6°C.

GC/MS Semi VOA

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: Chemtech Consulting Group Inc.
Project/Site: 1,4 Dioxane

Job ID: 810-164749-1

Client Sample ID: BPOW6-1-20250916

Lab Sample ID: 810-164749-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
1,4-Dioxane	0.63		0.070	0.062	ug/L	1			522	Total/NA

Client Sample ID: BPOW6-4-20250916

Lab Sample ID: 810-164749-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
1,4-Dioxane	0.30		0.070	0.062	ug/L	1			522	Total/NA

Client Sample ID: BPOW6-9-20250916

Lab Sample ID: 810-164749-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
1,4-Dioxane	0.17		0.070	0.062	ug/L	1			522	Total/NA

Client Sample ID: BPOW6-3-20250916

Lab Sample ID: 810-164749-4

No Detections.

Client Sample ID: BPOW6-2-20250916

Lab Sample ID: 810-164749-5

No Detections.

Client Sample ID: BPOW6-10-20250916

Lab Sample ID: 810-164749-6

No Detections.

Client Sample ID: BPOW6-11-20250916

Lab Sample ID: 810-164749-7

No Detections.

Client Sample ID: BPOW6-8-20250916

Lab Sample ID: 810-164749-8

No Detections.

Client Sample ID: BPOW6-7-20250917

Lab Sample ID: 810-164749-9

No Detections.

Client Sample ID: BPOW6-6-20250917

Lab Sample ID: 810-164749-10

No Detections.

Client Sample ID: BPOW6-5-20250917

Lab Sample ID: 810-164749-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
1,4-Dioxane	0.14		0.070	0.062	ug/L	1			522	Total/NA

This Detection Summary does not include radiochemical test results.

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Client Sample Results

Client: Chemtech Consulting Group Inc.
Project/Site: 1,4 Dioxane

Job ID: 810-164749-1

Client Sample ID: BPOW6-1-20250916

Date Collected: 09/16/25 10:10

Date Received: 09/19/25 09:15

Lab Sample ID: 810-164749-1

Matrix: Drinking Water

Method: EPA 522 - 1,4 Dioxane (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	0.63		0.070	0.062	ug/L		09/22/25 09:18	09/22/25 22:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8 (Surr)	98		70 - 130				09/22/25 09:18	09/22/25 22:58	1

Client Sample ID: BPOW6-4-20250916

Date Collected: 09/16/25 12:25

Date Received: 09/19/25 09:15

Lab Sample ID: 810-164749-2

Matrix: Drinking Water

Method: EPA 522 - 1,4 Dioxane (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	0.30		0.070	0.062	ug/L		09/22/25 09:18	09/23/25 00:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8 (Surr)	96		70 - 130				09/22/25 09:18	09/23/25 00:13	1

Client Sample ID: BPOW6-9-20250916

Date Collected: 09/16/25 11:45

Date Received: 09/19/25 09:15

Lab Sample ID: 810-164749-3

Matrix: Drinking Water

Method: EPA 522 - 1,4 Dioxane (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	0.17		0.070	0.062	ug/L		09/22/25 09:18	09/23/25 00:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8 (Surr)	99		70 - 130				09/22/25 09:18	09/23/25 00:38	1

Client Sample ID: BPOW6-3-20250916

Date Collected: 09/16/25 12:40

Date Received: 09/19/25 09:15

Lab Sample ID: 810-164749-4

Matrix: Drinking Water

Method: EPA 522 - 1,4 Dioxane (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	<0.062		0.070	0.062	ug/L		09/22/25 09:18	09/23/25 01:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8 (Surr)	101		70 - 130				09/22/25 09:18	09/23/25 01:03	1

Client Sample ID: BPOW6-2-20250916

Date Collected: 09/16/25 10:00

Date Received: 09/19/25 09:15

Lab Sample ID: 810-164749-5

Matrix: Drinking Water

Method: EPA 522 - 1,4 Dioxane (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	<0.062		0.070	0.062	ug/L		09/22/25 09:18	09/23/25 01:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8 (Surr)	93		70 - 130				09/22/25 09:18	09/23/25 01:28	1

Client Sample Results

Client: Chemtech Consulting Group Inc.
Project/Site: 1,4 Dioxane

Job ID: 810-164749-1

Client Sample ID: BPOW6-10-20250916

Lab Sample ID: 810-164749-6

Date Collected: 09/16/25 13:10

Matrix: Drinking Water

Date Received: 09/19/25 09:15

Method: EPA 522 - 1,4 Dioxane (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	<0.062		0.070	0.062	ug/L		09/25/25 09:31	09/29/25 10:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8 (Surr)	91		70 - 130				09/25/25 09:31	09/29/25 10:31	1

Client Sample ID: BPOW6-11-20250916

Lab Sample ID: 810-164749-7

Date Collected: 09/16/25 10:15

Matrix: Drinking Water

Date Received: 09/19/25 09:15

Method: EPA 522 - 1,4 Dioxane (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	<0.062		0.070	0.062	ug/L		10/02/25 10:13	10/02/25 19:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8 (Surr)	96		70 - 130				10/02/25 10:13	10/02/25 19:05	1

Client Sample ID: BPOW6-8-20250916

Lab Sample ID: 810-164749-8

Date Collected: 09/16/25 10:05

Matrix: Drinking Water

Date Received: 09/19/25 09:15

Method: EPA 522 - 1,4 Dioxane (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	<0.062		0.070	0.062	ug/L		10/02/25 10:13	10/02/25 19:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8 (Surr)	97		70 - 130				10/02/25 10:13	10/02/25 19:26	1

Client Sample ID: BPOW6-7-20250917

Lab Sample ID: 810-164749-9

Date Collected: 09/17/25 09:50

Matrix: Drinking Water

Date Received: 09/19/25 09:15

Method: EPA 522 - 1,4 Dioxane (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	<0.062		0.070	0.062	ug/L		09/25/25 09:31	10/02/25 02:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8 (Surr)	74		70 - 130				09/25/25 09:31	10/02/25 02:29	1

Client Sample ID: BPOW6-6-20250917

Lab Sample ID: 810-164749-10

Date Collected: 09/17/25 10:35

Matrix: Drinking Water

Date Received: 09/19/25 09:15

Method: EPA 522 - 1,4 Dioxane (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	<0.062		0.070	0.062	ug/L		09/25/25 09:31	09/29/25 12:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8 (Surr)	72		70 - 130				09/25/25 09:31	09/29/25 12:11	1

Client Sample Results

Client: Chemtech Consulting Group Inc.
Project/Site: 1,4 Dioxane

Job ID: 810-164749-1

Client Sample ID: BPOW6-5-20250917

Lab Sample ID: 810-164749-11

Date Collected: 09/17/25 10:40

Matrix: Drinking Water

Date Received: 09/19/25 09:15

Method: EPA 522 - 1,4 Dioxane (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	0.14		0.070	0.062	ug/L		10/02/25 10:13	10/02/25 19:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8 (Surr)	92		70 - 130	10/02/25 10:13	10/02/25 19:48	1

Default Detection Limits

Client: Chemtech Consulting Group Inc.
Project/Site: 1,4 Dioxane

Job ID: 810-164749-1

Method: 522 - 1,4 Dioxane (GC/MS SIM)

Prep: 522

Analyte	RL	MDL
1,4-Dioxane	0.070 ug/L	0.062 ug/L

Surrogate Summary

Client: Chemtech Consulting Group Inc.
Project/Site: 1,4 Dioxane

Job ID: 810-164749-1

Method: 522 - 1,4 Dioxane (GC/MS SIM)

Matrix: Drinking Water

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	DXE (70-130)
810-164749-1	BPOW6-1-20250916	98
810-164749-1 MS	BPOW6-1-20250916MS	96
810-164749-1 MSD	BPOW6-1-20250916MSD	98
810-164749-2	BPOW6-4-20250916	96
810-164749-3	BPOW6-9-20250916	99
810-164749-4	BPOW6-3-20250916	101
810-164749-5	BPOW6-2-20250916	93
810-164749-6	BPOW6-10-20250916	91
810-164749-7	BPOW6-11-20250916	96
810-164749-8	BPOW6-8-20250916	97
810-164749-9	BPOW6-7-20250917	74
810-164749-10	BPOW6-6-20250917	72
810-164749-11	BPOW6-5-20250917	92
LCS 810-161820/3-A	Lab Control Sample	93
LCS 810-162945/3-A	Lab Control Sample	100
LLCS 810-161233/2-A	Lab Control Sample	95
LLCS 810-161820/2-A	Lab Control Sample	93
LLCS 810-162945/2-A	Lab Control Sample	104
MBL 810-161233/1-A	Method Blank	96
MBL 810-161820/1-A	Method Blank	93
MBL 810-162945/1-A	Method Blank	107

Surrogate Legend

DXE = 1,4-Dioxane-d8 (Surr)

QC Sample Results

Client: Chemtech Consulting Group Inc.
Project/Site: 1,4 Dioxane

Job ID: 810-164749-1

Method: 522 - 1,4 Dioxane (GC/MS SIM)

Lab Sample ID: MBL 810-161233/1-A
Matrix: Drinking Water
Analysis Batch: 161293

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 161233

Analyte	MBL Result	MBL Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	<0.062		0.070	0.062	ug/L		09/22/25 09:18	09/22/25 15:29	1
Surrogate	MBL %Recovery	MBL Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8 (Surr)	96		70 - 130				09/22/25 09:18	09/22/25 15:29	1

Lab Sample ID: LLCS 810-161233/2-A
Matrix: Drinking Water
Analysis Batch: 161293

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 161233

Analyte			Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
1,4-Dioxane			0.0700	0.0775		ug/L		111	50 - 150
Surrogate	LLCS %Recovery	LLCS Qualifier	Limits						
1,4-Dioxane-d8 (Surr)	95		70 - 130						

Lab Sample ID: 810-164749-1 MS
Matrix: Drinking Water
Analysis Batch: 161293

Client Sample ID: BPOW6-1-20250916MS
Prep Type: Total/NA
Prep Batch: 161233

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,4-Dioxane	0.63		5.00	5.27		ug/L		93	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
1,4-Dioxane-d8 (Surr)	96		70 - 130						

Lab Sample ID: 810-164749-1 MSD
Matrix: Drinking Water
Analysis Batch: 161293

Client Sample ID: BPOW6-1-20250916MSD
Prep Type: Total/NA
Prep Batch: 161233

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,4-Dioxane	0.63		5.00	5.09		ug/L		89	70 - 130	3	30
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1,4-Dioxane-d8 (Surr)	98		70 - 130								

Lab Sample ID: MBL 810-161820/1-A
Matrix: Drinking Water
Analysis Batch: 161930

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 161820

Analyte	MBL Result	MBL Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	<0.062		0.070	0.062	ug/L		09/25/25 09:31	09/29/25 09:16	1
Surrogate	MBL %Recovery	MBL Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8 (Surr)	93		70 - 130				09/25/25 09:31	09/29/25 09:16	1

QC Sample Results

Client: Chemtech Consulting Group Inc.
Project/Site: 1,4 Dioxane

Job ID: 810-164749-1

Method: 522 - 1,4 Dioxane (GC/MS SIM) (Continued)

Lab Sample ID: LCS 810-161820/3-A
Matrix: Drinking Water
Analysis Batch: 161930

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 161820

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,4-Dioxane	50.0	45.6		ug/L		91	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
1,4-Dioxane-d8 (Surr)	93		70 - 130				

Lab Sample ID: LLCS 810-161820/2-A
Matrix: Drinking Water
Analysis Batch: 161930

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 161820

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
1,4-Dioxane	0.0700	0.0813		ug/L		116	50 - 150
Surrogate	LLCS %Recovery	LLCS Qualifier	Limits				
1,4-Dioxane-d8 (Surr)	93		70 - 130				

Lab Sample ID: MBL 810-162945/1-A
Matrix: Drinking Water
Analysis Batch: 162989

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 162945

Analyte	MBL Result	MBL Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	<0.062		0.070	0.062	ug/L		10/02/25 10:13	10/02/25 17:38	1
Surrogate	MBL %Recovery	MBL Qualifier	Limits	Prepared	Analyzed	Dil Fac			
1,4-Dioxane-d8 (Surr)	107		70 - 130	10/02/25 10:13	10/02/25 17:38	1			

Lab Sample ID: LCS 810-162945/3-A
Matrix: Drinking Water
Analysis Batch: 162989

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 162945

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,4-Dioxane	50.0	50.5		ug/L		101	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
1,4-Dioxane-d8 (Surr)	100		70 - 130				

Lab Sample ID: LLCS 810-162945/2-A
Matrix: Drinking Water
Analysis Batch: 162989

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 162945

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
1,4-Dioxane	0.0700	0.0944		ug/L		135	50 - 150
Surrogate	LLCS %Recovery	LLCS Qualifier	Limits				
1,4-Dioxane-d8 (Surr)	104		70 - 130				

QC Association Summary

Client: Chemtech Consulting Group Inc.
Project/Site: 1,4 Dioxane

Job ID: 810-164749-1

GC/MS Semi VOA

Prep Batch: 161233

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
810-164749-1	BPOW6-1-20250916	Total/NA	Drinking Water	522	
810-164749-2	BPOW6-4-20250916	Total/NA	Drinking Water	522	
810-164749-3	BPOW6-9-20250916	Total/NA	Drinking Water	522	
810-164749-4	BPOW6-3-20250916	Total/NA	Drinking Water	522	
810-164749-5	BPOW6-2-20250916	Total/NA	Drinking Water	522	
MBL 810-161233/1-A	Method Blank	Total/NA	Drinking Water	522	
LLCS 810-161233/2-A	Lab Control Sample	Total/NA	Drinking Water	522	
810-164749-1 MS	BPOW6-1-20250916MS	Total/NA	Drinking Water	522	
810-164749-1 MSD	BPOW6-1-20250916MSD	Total/NA	Drinking Water	522	

Analysis Batch: 161293

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
810-164749-1	BPOW6-1-20250916	Total/NA	Drinking Water	522	161233
810-164749-2	BPOW6-4-20250916	Total/NA	Drinking Water	522	161233
810-164749-3	BPOW6-9-20250916	Total/NA	Drinking Water	522	161233
810-164749-4	BPOW6-3-20250916	Total/NA	Drinking Water	522	161233
810-164749-5	BPOW6-2-20250916	Total/NA	Drinking Water	522	161233
MBL 810-161233/1-A	Method Blank	Total/NA	Drinking Water	522	161233
LLCS 810-161233/2-A	Lab Control Sample	Total/NA	Drinking Water	522	161233
810-164749-1 MS	BPOW6-1-20250916MS	Total/NA	Drinking Water	522	161233
810-164749-1 MSD	BPOW6-1-20250916MSD	Total/NA	Drinking Water	522	161233

Prep Batch: 161820

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
810-164749-6	BPOW6-10-20250916	Total/NA	Drinking Water	522	
810-164749-9	BPOW6-7-20250917	Total/NA	Drinking Water	522	
810-164749-10	BPOW6-6-20250917	Total/NA	Drinking Water	522	
MBL 810-161820/1-A	Method Blank	Total/NA	Drinking Water	522	
LCS 810-161820/3-A	Lab Control Sample	Total/NA	Drinking Water	522	
LLCS 810-161820/2-A	Lab Control Sample	Total/NA	Drinking Water	522	

Analysis Batch: 161930

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
810-164749-6	BPOW6-10-20250916	Total/NA	Drinking Water	522	161820
810-164749-10	BPOW6-6-20250917	Total/NA	Drinking Water	522	161820
MBL 810-161820/1-A	Method Blank	Total/NA	Drinking Water	522	161820
LCS 810-161820/3-A	Lab Control Sample	Total/NA	Drinking Water	522	161820
LLCS 810-161820/2-A	Lab Control Sample	Total/NA	Drinking Water	522	161820

Analysis Batch: 162812

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
810-164749-9	BPOW6-7-20250917	Total/NA	Drinking Water	522	161820

Prep Batch: 162945

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
810-164749-7	BPOW6-11-20250916	Total/NA	Drinking Water	522	
810-164749-8	BPOW6-8-20250916	Total/NA	Drinking Water	522	
810-164749-11	BPOW6-5-20250917	Total/NA	Drinking Water	522	
MBL 810-162945/1-A	Method Blank	Total/NA	Drinking Water	522	
LCS 810-162945/3-A	Lab Control Sample	Total/NA	Drinking Water	522	
LLCS 810-162945/2-A	Lab Control Sample	Total/NA	Drinking Water	522	

Eurofins Eaton Analytical South Bend

QC Association Summary

Client: Chemtech Consulting Group Inc.
Project/Site: 1,4 Dioxane

Job ID: 810-164749-1

GC/MS Semi VOA

Analysis Batch: 162989

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
810-164749-7	BPOW6-11-20250916	Total/NA	Drinking Water	522	162945
810-164749-8	BPOW6-8-20250916	Total/NA	Drinking Water	522	162945
810-164749-11	BPOW6-5-20250917	Total/NA	Drinking Water	522	162945
MBL 810-162945/1-A	Method Blank	Total/NA	Drinking Water	522	162945
LCS 810-162945/3-A	Lab Control Sample	Total/NA	Drinking Water	522	162945
LLCS 810-162945/2-A	Lab Control Sample	Total/NA	Drinking Water	522	162945

Lab Chronicle

Client: Chemtech Consulting Group Inc.
Project/Site: 1,4 Dioxane

Job ID: 810-164749-1

Client Sample ID: BPOW6-1-20250916

Lab Sample ID: 810-164749-1

Date Collected: 09/16/25 10:10

Matrix: Drinking Water

Date Received: 09/19/25 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	522			161233	BAB	EA SB	09/22/25 09:18
Total/NA	Analysis	522		1	161293	MW	EA SB	09/22/25 22:58

Client Sample ID: BPOW6-4-20250916

Lab Sample ID: 810-164749-2

Date Collected: 09/16/25 12:25

Matrix: Drinking Water

Date Received: 09/19/25 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	522			161233	BAB	EA SB	09/22/25 09:18
Total/NA	Analysis	522		1	161293	MW	EA SB	09/23/25 00:13

Client Sample ID: BPOW6-9-20250916

Lab Sample ID: 810-164749-3

Date Collected: 09/16/25 11:45

Matrix: Drinking Water

Date Received: 09/19/25 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	522			161233	BAB	EA SB	09/22/25 09:18
Total/NA	Analysis	522		1	161293	MW	EA SB	09/23/25 00:38

Client Sample ID: BPOW6-3-20250916

Lab Sample ID: 810-164749-4

Date Collected: 09/16/25 12:40

Matrix: Drinking Water

Date Received: 09/19/25 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	522			161233	BAB	EA SB	09/22/25 09:18
Total/NA	Analysis	522		1	161293	MW	EA SB	09/23/25 01:03

Client Sample ID: BPOW6-2-20250916

Lab Sample ID: 810-164749-5

Date Collected: 09/16/25 10:00

Matrix: Drinking Water

Date Received: 09/19/25 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	522			161233	BAB	EA SB	09/22/25 09:18
Total/NA	Analysis	522		1	161293	MW	EA SB	09/23/25 01:28

Client Sample ID: BPOW6-10-20250916

Lab Sample ID: 810-164749-6

Date Collected: 09/16/25 13:10

Matrix: Drinking Water

Date Received: 09/19/25 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	522			161820	BAB	EA SB	09/25/25 09:31
Total/NA	Analysis	522		1	161930	KO	EA SB	09/29/25 10:31

Lab Chronicle

Client: Chemtech Consulting Group Inc.
Project/Site: 1,4 Dioxane

Job ID: 810-164749-1

Client Sample ID: BPOW6-11-20250916

Lab Sample ID: 810-164749-7

Date Collected: 09/16/25 10:15

Matrix: Drinking Water

Date Received: 09/19/25 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	522			162945	KB	EA SB	10/02/25 10:13
Total/NA	Analysis	522		1	162989	KO	EA SB	10/02/25 19:05

Client Sample ID: BPOW6-8-20250916

Lab Sample ID: 810-164749-8

Date Collected: 09/16/25 10:05

Matrix: Drinking Water

Date Received: 09/19/25 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	522			162945	KB	EA SB	10/02/25 10:13
Total/NA	Analysis	522		1	162989	KO	EA SB	10/02/25 19:26

Client Sample ID: BPOW6-7-20250917

Lab Sample ID: 810-164749-9

Date Collected: 09/17/25 09:50

Matrix: Drinking Water

Date Received: 09/19/25 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	522			161820	BAB	EA SB	09/25/25 09:31
Total/NA	Analysis	522		1	162812	KO	EA SB	10/02/25 02:29

Client Sample ID: BPOW6-6-20250917

Lab Sample ID: 810-164749-10

Date Collected: 09/17/25 10:35

Matrix: Drinking Water

Date Received: 09/19/25 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	522			161820	BAB	EA SB	09/25/25 09:31
Total/NA	Analysis	522		1	161930	KO	EA SB	09/29/25 12:11

Client Sample ID: BPOW6-5-20250917

Lab Sample ID: 810-164749-11

Date Collected: 09/17/25 10:40

Matrix: Drinking Water

Date Received: 09/19/25 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	522			162945	KB	EA SB	10/02/25 10:13
Total/NA	Analysis	522		1	162989	KO	EA SB	10/02/25 19:48

Laboratory References:

EA SB = Eurofins Eaton Analytical South Bend, 110 S Hill Street, South Bend, IN 46617, TEL (574)233-4777

Accreditation/Certification Summary

Client: Chemtech Consulting Group Inc.
Project/Site: 1,4 Dioxane

Job ID: 810-164749-1

Laboratory: Eurofins Eaton Analytical South Bend

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
A2LA	ISO/IEC 17025	5794.01	07-31-26
Alabama	State	40700	06-30-26
Alaska	State	IN00035	06-30-26
Arizona	State	AZ0432	07-26-26
Arkansas (DW)	State	EPA IN00035	06-30-26
California	State	2920	06-30-26
Colorado	State	IN00035	02-28-26
Connecticut	State	PH-0132	03-31-26
Delaware (DW)	State	IN00035	06-30-26
Florida	NELAP	E87775	06-30-26
Georgia (DW)	State	929	06-30-26
Guam	State	24-012R	07-15-26
Hawaii	State	IN035	06-30-26
Idaho (DW)	State	IN00035	12-31-25
IL Dept. of Public Health (Micro)	State	17767	06-30-26
Illinois	NELAP	200001	09-30-26
Indiana	State	C-71-01	12-31-25
Indiana (Micro)	State	M-76-07	12-31-25
Iowa	State	098	11-01-25
Kansas	NELAP	E-10233	10-31-25
Kentucky (DW)	State	KY90056	12-31-25
Louisiana (DW)	State	LA014	12-31-25
Maine	State	IN00035	05-01-27
Maryland	State	209	06-30-26
Massachusetts	State	M-IN035	06-30-26
MI - RadChem Recognition	State	9926	06-30-26
Michigan	State	9926	12-31-25
Minnesota	NELAP	018-999-338	12-31-25
Mississippi	State	IN00035	06-30-26
Missouri	State	880	09-30-27
Montana (DW)	State	CERT0026	01-01-26
Nebraska	State	NE-OS-05-04	06-30-26
Nevada	State	NV-C24-00276	07-31-26
New Hampshire	NELAP	2124	11-05-25
New Jersey	NELAP	IN598	06-30-26
New Mexico	State	IN00035	06-30-26
New York	NELAP	11398	04-01-26

Accreditation/Certification Summary

Client: Chemtech Consulting Group Inc.
Project/Site: 1,4 Dioxane

Job ID: 810-164749-1

Laboratory: Eurofins Eaton Analytical South Bend (Continued)

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
North Carolina (DW)	State	18700	07-31-26
North Dakota	State	R-035	06-30-26
Northern Mariana Islands (DW)	State	IN00035	06-30-26
Ohio	State	87775	06-30-26
Oklahoma	NELAP	D9508	12-31-25
Oregon	NELAP	4156	09-16-26
Pennsylvania	NELAP	68-00466	04-30-26
Puerto Rico	State	IN00035	04-01-26
Rhode Island	State	LAO00343	12-31-25
South Carolina	State	95005001	06-30-26
South Dakota (DW)	State	IN00035	12-31-25
Tennessee	State	TN02973	06-30-26
Texas	NELAP	T104704187	12-31-25
Texas	TCEQ Water Supply	TX207	06-30-26
USEPA UCMR 5	US Federal Programs	IN00035	12-31-25
Utah	NELAP	IN00035	07-31-26
Vermont	State	VT-8775	12-28-25
Virginia	NELAP	460275	03-14-26
Washington	State	C837	01-01-26
West Virginia (DW)	State	9927 C	01-31-26
Wisconsin	State	999766900	08-31-26
Wisconsin (Micro)	State	10121	12-31-25
Wyoming	State	8TMS-L	06-30-26

Method Summary

Client: Chemtech Consulting Group Inc.
Project/Site: 1,4 Dioxane

Job ID: 810-164749-1

Method	Method Description	Protocol	Laboratory
522	1,4 Dioxane (GC/MS SIM)	EPA	EA SB
522	Solid-Phase Extraction (SPE)	EPA	EA SB

Protocol References:

EPA = US Environmental Protection Agency

Laboratory References:

EA SB = Eurofins Eaton Analytical South Bend, 110 S Hill Street, South Bend, IN 46617, TEL (574)233-4777

Sample Summary

Client: Chemtech Consulting Group Inc.
Project/Site: 1,4 Dioxane

Job ID: 810-164749-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
810-164749-1	BPOW6-1-20250916	Drinking Water	09/16/25 10:10	09/19/25 09:15	New Jersey
810-164749-2	BPOW6-4-20250916	Drinking Water	09/16/25 12:25	09/19/25 09:15	New Jersey
810-164749-3	BPOW6-9-20250916	Drinking Water	09/16/25 11:45	09/19/25 09:15	New Jersey
810-164749-4	BPOW6-3-20250916	Drinking Water	09/16/25 12:40	09/19/25 09:15	New Jersey
810-164749-5	BPOW6-2-20250916	Drinking Water	09/16/25 10:00	09/19/25 09:15	New Jersey
810-164749-6	BPOW6-10-20250916	Drinking Water	09/16/25 13:10	09/19/25 09:15	New Jersey
810-164749-7	BPOW6-11-20250916	Drinking Water	09/16/25 10:15	09/19/25 09:15	New Jersey
810-164749-8	BPOW6-8-20250916	Drinking Water	09/16/25 10:05	09/19/25 09:15	New Jersey
810-164749-9	BPOW6-7-20250917	Drinking Water	09/17/25 09:50	09/19/25 09:15	New Jersey
810-164749-10	BPOW6-6-20250917	Drinking Water	09/17/25 10:35	09/19/25 09:15	New Jersey
810-164749-11	BPOW6-5-20250917	Drinking Water	09/17/25 10:40	09/19/25 09:15	New Jersey

GC/MS SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Eaton Analytical South BendJob No.: 810-164749-1

SDG No.: _____

Instrument ID: GCMS-DMAnalysis Batch Number: 159668Lab Sample ID: IC 810-159612/4-A

Client Sample ID: _____

Date Analyzed: 09/11/25 10:45Lab File ID: 007 .DGC Column: CPSelect 624 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	8.04	Baseline	JH8B	09/12/25 09:34

Lab Sample ID: IC 810-159612/5-A

Client Sample ID: _____

Date Analyzed: 09/11/25 11:09Lab File ID: 01 .DGC Column: CPSelect 624 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	8.04	Baseline	JH8B	09/12/25 09:34

Lab Sample ID: IC 810-159612/6-A

Client Sample ID: _____

Date Analyzed: 09/11/25 11:35Lab File ID: 02 .DGC Column: CPSelect 624 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	8.04	Baseline	JH8B	09/12/25 09:34

Lab Sample ID: IC 810-159612/7-A

Client Sample ID: _____

Date Analyzed: 09/11/25 12:00Lab File ID: 05 .DGC Column: CPSelect 624 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	8.02	Baseline	JH8B	09/12/25 09:35

Lab Sample ID: IC 810-159612/8-A

Client Sample ID: _____

Date Analyzed: 09/11/25 12:25Lab File ID: 1 .DGC Column: CPSelect 624 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	8.04	Baseline	JH8B	09/12/25 09:35

GC/MS SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Eaton Analytical South BendJob No.: 810-164749-1

SDG No.: _____

Instrument ID: GCMS-DMAnalysis Batch Number: 159668Lab Sample ID: ICISAV 810-159612/10-A

Client Sample ID: _____

Date Analyzed: 09/11/25 13:15Lab File ID: 5 .DGC Column: CPSelect 624 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	8.04	Baseline	JH8B	09/12/25 09:36

Lab Sample ID: IC 810-159612/11-A

Client Sample ID: _____

Date Analyzed: 09/11/25 13:40Lab File ID: 10 .DGC Column: CPSelect 624 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	8.04	Baseline	JH8B	09/12/25 09:36

Lab Sample ID: IC 810-159612/12-A

Client Sample ID: _____

Date Analyzed: 09/11/25 14:04Lab File ID: 20.DGC Column: CPSelect 624 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	8.04	Baseline	JH8B	09/12/25 09:36

Lab Sample ID: IC 810-159612/13-A

Client Sample ID: _____

Date Analyzed: 09/11/25 14:29Lab File ID: 50.DGC Column: CPSelect 624 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	8.02	Baseline	JH8B	09/12/25 09:36

Lab Sample ID: IC 810-159612/14-A

Client Sample ID: _____

Date Analyzed: 09/11/25 14:54Lab File ID: 100.DGC Column: CPSelect 624 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	8.03	Baseline	JH8B	09/12/25 09:37

GC/MS SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Eaton Analytical South Bend Job No.: 810-164749-1
SDG No.: _____
Instrument ID: GCMS-DM Analysis Batch Number: 159668
Lab Sample ID: ICV 810-159612/15-A Client Sample ID: _____
Date Analyzed: 09/11/25 15:44 Lab File ID: ICV.D GC Column: CPSelect 624 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	8.04	Baseline	JH8B	09/15/25 06:23

GC/MS SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Eaton Analytical South BendJob No.: 810-164749-1

SDG No.: _____

Instrument ID: GCMS-DMAnalysis Batch Number: 161293Lab Sample ID: CCVLIS 810-161283/1-A

Client Sample ID: _____

Date Analyzed: 09/22/25 14:39Lab File ID: CCVL.DGC Column: CPSelect 624 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	8.04	Baseline	D5UB	09/23/25 09:49

Lab Sample ID: MBL 810-161233/1-A

Client Sample ID: _____

Date Analyzed: 09/22/25 15:29Lab File ID: MBL.DGC Column: CPSelect 624 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane		Invalid Compound ID	D5UB	09/23/25 09:49

Lab Sample ID: LLCS 810-161233/2-A

Client Sample ID: _____

Date Analyzed: 09/22/25 15:54Lab File ID: LLCS.DGC Column: CPSelect 624 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	8.04	Baseline	D5UB	09/23/25 11:37

Lab Sample ID: CCVIS 810-161283/2-A

Client Sample ID: _____

Date Analyzed: 09/22/25 20:29Lab File ID: CCVM.DGC Column: CPSelect 624 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	8.04	Baseline	D5UB	09/23/25 10:59

Lab Sample ID: 810-164749-1Client Sample ID: BPOW6-1-20250916Date Analyzed: 09/22/25 22:58Lab File ID: 810-164749-A-1-D.DGC Column: CPSelect 624 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	8.04	Baseline	D5UB	09/23/25 11:07

GC/MS SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Eaton Analytical South BendJob No.: 810-164749-1

SDG No.: _____

Instrument ID: GCMS-DMAnalysis Batch Number: 161293Lab Sample ID: 810-164749-1 MSClient Sample ID: BPOW6-1-20250916MS MSDate Analyzed: 09/22/25 23:23Lab File ID: 810-164749-A-1-A MS.DGC Column: CPSelect 624 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	8.04	Baseline	D5UB	09/23/25 11:11

Lab Sample ID: 810-164749-1 MSDClient Sample ID: BPOW6-1-20250916MSD MSDDate Analyzed: 09/22/25 23:48Lab File ID: 810-164749-A-1-B MSD.DGC Column: CPSelect 624 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	8.04	Baseline	D5UB	09/23/25 11:17

Lab Sample ID: 810-164749-2Client Sample ID: BPOW6-4-20250916Date Analyzed: 09/23/25 00:13Lab File ID: 810-164749-A-2-B.DGC Column: CPSelect 624 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	8.04	Baseline	D5UB	09/23/25 11:19

Lab Sample ID: 810-164749-3Client Sample ID: BPOW6-9-20250916Date Analyzed: 09/23/25 00:38Lab File ID: 810-164749-A-3-B.DGC Column: CPSelect 624 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	8.04	Baseline	D5UB	09/23/25 11:23

Lab Sample ID: 810-164749-4Client Sample ID: BPOW6-3-20250916Date Analyzed: 09/23/25 01:03Lab File ID: 810-164749-B-4-B.DGC Column: CPSelect 624 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane		Assign Peak	D5UB	09/23/25 11:24

GC/MS SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Eaton Analytical South Bend

Job No.: 810-164749-1

SDG No.:

Instrument ID: GCMS-DM

Analysis Batch Number: 161293

Lab Sample ID: 810-164749-5

Client Sample ID: BPOW6-2-20250916

Date Analyzed: 09/23/25 01:28

Lab File ID: 810-164749-A-5-B.D

GC Column: CPSelect 624 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane		Invalid Compound ID	D5UB	09/23/25 11:24

Lab Sample ID: CCV 810-161283/3-A

Client Sample ID:

Date Analyzed: 09/23/25 01:53

Lab File ID: CCVH.D

GC Column: CPSelect 624 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	8.03	Baseline	D5UB	09/23/25 11:26

GC/MS SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Eaton Analytical South BendJob No.: 810-164749-1

SDG No.: _____

Instrument ID: GCMS-DMAnalysis Batch Number: 161928Lab Sample ID: IC 810-161845/4-A

Client Sample ID: _____

Date Analyzed: 09/26/25 08:48Lab File ID: IC1.DGC Column: CPSelect 624 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	8.04	Baseline	JH8B	09/26/25 09:56

Lab Sample ID: IC 810-161845/5-A

Client Sample ID: _____

Date Analyzed: 09/26/25 09:14Lab File ID: IC2.DGC Column: CPSelect 624 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	8.04	Baseline	JH8B	09/26/25 09:56

Lab Sample ID: IC 810-161845/6-A

Client Sample ID: _____

Date Analyzed: 09/26/25 09:39Lab File ID: IC3.DGC Column: CPSelect 624 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	8.04	Baseline	JH8B	09/26/25 09:59

Lab Sample ID: IC 810-161845/7-A

Client Sample ID: _____

Date Analyzed: 09/26/25 10:04Lab File ID: IC4.DGC Column: CPSelect 624 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	8.04	Baseline	JH8B	09/26/25 14:57

Lab Sample ID: IC 810-161845/8-A

Client Sample ID: _____

Date Analyzed: 09/26/25 10:29Lab File ID: IC5.DGC Column: CPSelect 624 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	8.04	Baseline	JH8B	09/26/25 14:57

GC/MS SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Eaton Analytical South BendJob No.: 810-164749-1

SDG No.: _____

Instrument ID: GCMS-DMAnalysis Batch Number: 161928Lab Sample ID: IC 810-161845/9-A

Client Sample ID: _____

Date Analyzed: 09/26/25 10:54Lab File ID: IC6.DGC Column: CPSelect 624 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	8.02	Baseline	JH8B	09/26/25 14:57

Lab Sample ID: ICISAV 810-161845/10-A

Client Sample ID: _____

Date Analyzed: 09/26/25 11:19Lab File ID: IC7.DGC Column: CPSelect 624 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	8.02	Baseline	JH8B	09/26/25 14:56

Lab Sample ID: IC 810-161845/11-A

Client Sample ID: _____

Date Analyzed: 09/26/25 11:44Lab File ID: IC8.DGC Column: CPSelect 624 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	8.02	Baseline	JH8B	09/26/25 14:56

Lab Sample ID: IC 810-161845/12-A

Client Sample ID: _____

Date Analyzed: 09/26/25 12:09Lab File ID: IC9.DGC Column: CPSelect 624 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	8.04	Baseline	JH8B	09/26/25 13:55

Lab Sample ID: IC 810-161845/13-A

Client Sample ID: _____

Date Analyzed: 09/26/25 12:34Lab File ID: IC10.DGC Column: CPSelect 624 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	8.02	Baseline	JH8B	09/26/25 13:55

GC/MS SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Eaton Analytical South Bend Job No.: 810-164749-1

SDG No.: _____

Instrument ID: GCMS-DM Analysis Batch Number: 161928Lab Sample ID: IC 810-161845/14-A Client Sample ID: _____Date Analyzed: 09/26/25 12:59 Lab File ID: IC11.D GC Column: CPSelect 624 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	8.03	Baseline	JH8B	09/26/25 14:55

Lab Sample ID: ICV 810-161845/15-A Client Sample ID: _____Date Analyzed: 09/26/25 13:49 Lab File ID: ICV.D GC Column: CPSelect 624 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	8.04	Baseline	JH8B	09/26/25 14:55

GC/MS SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Eaton Analytical South BendJob No.: 810-164749-1

SDG No.: _____

Instrument ID: GCMS-DMAnalysis Batch Number: 161930Lab Sample ID: CCVLIS 810-161845/1-A

Client Sample ID: _____

Date Analyzed: 09/29/25 08:26Lab File ID: CCVL1.DGC Column: CPSelect 624 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	8.03	Baseline	JH8B	09/29/25 08:46

Lab Sample ID: MBL 810-161820/1-A

Client Sample ID: _____

Date Analyzed: 09/29/25 09:16Lab File ID: MB1.DGC Column: CPSelect 624 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane		Baseline	JH8B	09/30/25 09:31

Lab Sample ID: LLCS 810-161820/2-A

Client Sample ID: _____

Date Analyzed: 09/29/25 09:41Lab File ID: LLCS1.DGC Column: CPSelect 624 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	8.04	Baseline	JH8B	09/30/25 09:28

Lab Sample ID: 810-164749-6Client Sample ID: BPOW6-10-20250916Date Analyzed: 09/29/25 10:31Lab File ID: 810-164749-A-6-B.DGC Column: CPSelect 624 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane		Baseline	JH8B	09/30/25 09:29

Lab Sample ID: 810-164749-10Client Sample ID: BPOW6-6-20250917Date Analyzed: 09/29/25 12:11Lab File ID: 810-164749-A-10-A.DGC Column: CPSelect 624 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane		Baseline	JH8B	09/30/25 09:32

GC/MS SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Eaton Analytical South Bend Job No.: 810-164749-1
SDG No.: _____
Instrument ID: GCMS-DM Analysis Batch Number: 161930
Lab Sample ID: CCVIS 810-161845/2-A Client Sample ID: _____
Date Analyzed: 09/29/25 14:42 Lab File ID: CCVM1.D GC Column: CPSelect 624 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	8.02	Baseline	JH8B	09/30/25 09:35

GC/MS SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Eaton Analytical South BendJob No.: 810-164749-1

SDG No.: _____

Instrument ID: GCMS-FEAnalysis Batch Number: 162117Lab Sample ID: IC 810-161845/4-A

Client Sample ID: _____

Date Analyzed: 09/26/25 16:05Lab File ID: IC 007.DGC Column: CPSelect 624 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	8.71	Baseline	JH8B	09/29/25 08:19

Lab Sample ID: IC 810-161845/5-A

Client Sample ID: _____

Date Analyzed: 09/26/25 16:26Lab File ID: IC 01.DGC Column: CPSelect 624 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	8.72	Baseline	JH8B	09/29/25 08:19

Lab Sample ID: IC 810-161845/6-A

Client Sample ID: _____

Date Analyzed: 09/26/25 16:48Lab File ID: IC 02.DGC Column: CPSelect 624 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	8.72	Baseline	JH8B	09/29/25 08:19

Lab Sample ID: IC 810-161845/7-A

Client Sample ID: _____

Date Analyzed: 09/26/25 17:10Lab File ID: IC 05.DGC Column: CPSelect 624 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	8.72	Baseline	JH8B	09/29/25 08:19

Lab Sample ID: IC 810-161845/8-A

Client Sample ID: _____

Date Analyzed: 09/26/25 17:31Lab File ID: IC 1.DGC Column: CPSelect 624 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	8.72	Baseline	JH8B	09/29/25 08:20

GC/MS SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Eaton Analytical South BendJob No.: 810-164749-1

SDG No.: _____

Instrument ID: GCMS-FEAnalysis Batch Number: 162117Lab Sample ID: IC 810-161845/9-A

Client Sample ID: _____

Date Analyzed: 09/26/25 17:53Lab File ID: IC 2.DGC Column: CPSelect 624 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	8.72	Baseline	JH8B	09/29/25 08:20

Lab Sample ID: ICISAV 810-161845/10-A

Client Sample ID: _____

Date Analyzed: 09/26/25 18:15Lab File ID: IC 5.DGC Column: CPSelect 624 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	8.72	Baseline	JH8B	09/29/25 08:20

Lab Sample ID: IC 810-161845/11-A

Client Sample ID: _____

Date Analyzed: 09/26/25 18:37Lab File ID: IC 10.DGC Column: CPSelect 624 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	8.72	Baseline	JH8B	09/29/25 08:20

Lab Sample ID: IC 810-161845/12-A

Client Sample ID: _____

Date Analyzed: 09/26/25 18:58Lab File ID: IC 20.DGC Column: CPSelect 624 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	8.71	Baseline	JH8B	09/29/25 08:21

Lab Sample ID: IC 810-161845/13-A

Client Sample ID: _____

Date Analyzed: 09/26/25 19:20Lab File ID: IC 50.DGC Column: CPSelect 624 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	8.70	Baseline	JH8B	09/29/25 08:21

GC/MS SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Eaton Analytical South Bend Job No.: 810-164749-1

SDG No.: _____

Instrument ID: GCMS-FE Analysis Batch Number: 162117Lab Sample ID: IC 810-161845/14-A Client Sample ID: _____Date Analyzed: 09/26/25 19:42 Lab File ID: IC100.D GC Column: CPSelect 624 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	8.71	Baseline	JH8B	09/29/25 08:21

Lab Sample ID: ICV 810-161845/15-A Client Sample ID: _____Date Analyzed: 09/26/25 20:25 Lab File ID: ICV.D GC Column: CPSelect 624 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	8.72	Baseline	JH8B	09/29/25 08:21

GC/MS SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Eaton Analytical South BendJob No.: 810-164749-1

SDG No.: _____

Instrument ID: GCMS-FEAnalysis Batch Number: 162812Lab Sample ID: CCVLIS 810-162779/1-A

Client Sample ID: _____

Date Analyzed: 10/01/25 15:39Lab File ID: CCVL.DGC Column: CPSelect 624 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	8.72	Baseline	JH8B	10/02/25 04:48

Lab Sample ID: CCVIS 810-162779/3-A

Client Sample ID: _____

Date Analyzed: 10/01/25 20:43Lab File ID: CCVM.DGC Column: CPSelect 624 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	8.71	Baseline	JH8B	10/02/25 06:39

GC/MS SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Eaton Analytical South BendJob No.: 810-164749-1

SDG No.: _____

Instrument ID: GCMS-FEAnalysis Batch Number: 162989Lab Sample ID: CCVLIS 810-163017/1-A

Client Sample ID: _____

Date Analyzed: 10/02/25 16:54Lab File ID: CCVL.DGC Column: CPSelect 624 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	8.72	Baseline	JH8B	10/03/25 09:50

Lab Sample ID: MBL 810-162945/1-A

Client Sample ID: _____

Date Analyzed: 10/02/25 17:38Lab File ID: MBL.DGC Column: CPSelect 624 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane		Invalid Compound ID	JH8B	10/03/25 09:50

Lab Sample ID: LLCS 810-162945/2-A

Client Sample ID: _____

Date Analyzed: 10/02/25 17:59Lab File ID: LLCS.DGC Column: CPSelect 624 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	8.71	Baseline	JH8B	10/03/25 09:50

Lab Sample ID: LCS 810-162945/3-A

Client Sample ID: _____

Date Analyzed: 10/02/25 18:21Lab File ID: LCS.DGC Column: CPSelect 624 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	8.71	Baseline	JH8B	10/03/25 09:51

Lab Sample ID: 810-164749-7Client Sample ID: BPOW6-11-20250916Date Analyzed: 10/02/25 19:05Lab File ID: 810-164749-A-7-C.DGC Column: CPSelect 624 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane		Baseline	JH8B	10/03/25 09:52

GC/MS SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Eaton Analytical South BendJob No.: 810-164749-1

SDG No.: _____

Instrument ID: GCMS-FEAnalysis Batch Number: 162989Lab Sample ID: 810-164749-8Client Sample ID: BPOW6-8-20250916Date Analyzed: 10/02/25 19:26Lab File ID: 810-164749-A-8-B.DGC Column: CPSelect 624 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane		Baseline	JH8B	10/03/25 09:53

Lab Sample ID: 810-164749-11Client Sample ID: BPOW6-5-20250917Date Analyzed: 10/02/25 19:48Lab File ID: 810-164749-A-11-B.DGC Column: CPSelect 624 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	8.71	Baseline	JH8B	10/03/25 09:54

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Eaton Analytical South Bend Job No.: 810-164749-1

SDG No.: _____

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
522 IS SS 00257	09/22/25	09/08/25	MeCl2, Lot EJ007-US	2 mL	522-IS-Stock 00012	200 uL	Tetrahydrofuran-d8	100 ug/mL
.522-IS-Stock_00012	05/14/30		Absolute Standards Inc., Lot 051425		(Purchased Reagent)		Tetrahydrofuran-d8	1000 ug/mL
522 IS SS 00258	09/30/25	09/16/25	MeCl2, Lot EJ007-US	2 mL	522-IS-Stock_00012	200 uL	Tetrahydrofuran-d8	100 ug/mL
.522-IS-Stock_00012	05/14/30		Absolute Standards Inc., Lot 051425		(Purchased Reagent)		Tetrahydrofuran-d8	1000 ug/mL
522 IS SS 00259	10/10/25	09/25/25	MeCl2, Lot EJ007-US	2 mL	522-IS-Stock 00012	200 uL	Tetrahydrofuran-d8	100 ug/mL
.522-IS-Stock_00012	05/14/30		Absolute Standards Inc., Lot 051425		(Purchased Reagent)		Tetrahydrofuran-d8	1000 ug/mL
522 IS SS 00260	10/16/25	10/01/25	MeCl2, Lot EJ007-US	2 mL	522-IS-Stock_00012	200 uL	Tetrahydrofuran-d8	100 ug/mL
.522-IS-Stock_00012	05/14/30		Absolute Standards Inc., Lot 051425		(Purchased Reagent)		Tetrahydrofuran-d8	1000 ug/mL
522-Sur-SS_00151	03/09/26	09/09/25	Methanol, Lot 24G0262002	2 mL	522-SUR-Stock_00023	100 uL	1,4-Dioxane-d8 (Surr)	100 ug/mL
.522-SUR-Stock_00023	12/31/26	06/17/25		1 mL	522-SUR-Stock_00018	1 mL	1,4-Dioxane-d8 (Surr)	2000 ug/mL
..522-SUR-Stock_00018	12/31/26		Restek, Lot A0206061		(Purchased Reagent)		1,4-Dioxane-d8 (Surr)	2000 ug/mL
522-Sur-SS_00152	03/17/26	09/17/25	Methanol, Lot 24G0262002	2 mL	522-SUR-Stock_00024	100 uL	1,4-Dioxane-d8 (Surr)	100 ug/mL
.522-SUR-Stock_00024	12/31/26	09/17/25		1 mL	522-SUR-Stock_00018	1 mL	1,4-Dioxane-d8 (Surr)	2000 ug/mL
..522-SUR-Stock_00018	12/31/26		Restek, Lot A0206061		(Purchased Reagent)		1,4-Dioxane-d8 (Surr)	2000 ug/mL
522-Sur-SS_00153	03/24/26	09/24/25	Methanol, Lot 24G0262002	2 mL	522-SUR-Stock_00026	100 uL	1,4-Dioxane-d8 (Surr)	100 ug/mL
.522-SUR-Stock_00026	08/31/28	09/24/25		1 mL	522-SUR-Stock_00025	1 mL	1,4-Dioxane-d8 (Surr)	2000 ug/mL
..522-SUR-Stock_00025	08/31/28		Restek, Lot A0229311		(Purchased Reagent)		1,4-Dioxane-d8 (Surr)	2000 ug/mL
O-522-CalH_00026	01/31/26	09/06/25	Methanol, Lot 23I0762004	2 mL	522 AnalyteST_00004	100 uL	1,4-Dioxane	100 ug/mL
.522 AnalyteST_00004	05/31/26	06/17/25	Methanol, Lot na	1 mL	522-Analyte_00003	1 mL	1,4-Dioxane	2000 ug/mL
..522-Analyte_00003	05/31/26		Restek, Lot A0172836		(Purchased Reagent)		1,4-Dioxane	2000 ug/mL
O-522-CalH_00027	02/28/26	10/01/25	Methanol, Lot 23I0762004	2 mL	522 AnalyteST_00004	100 uL	1,4-Dioxane	100 ug/mL
.522 AnalyteST_00004	05/31/26	06/17/25	Methanol, Lot na	1 mL	522-Analyte_00003	1 mL	1,4-Dioxane	2000 ug/mL
..522-Analyte_00003	05/31/26		Restek, Lot A0172836		(Purchased Reagent)		1,4-Dioxane	2000 ug/mL
O-522-QCS-Sub_00012	03/02/26	09/02/25	Methanol, Lot 24G0262002	2 mL	522-QCS_00007	200 uL	1,4-Dioxane	100 ug/mL
.522-QCS_00007	10/21/32	07/29/25	Methanol, Lot NA	1 mL	522-QCS_00003	1 mL	1,4-Dioxane	1000 ug/mL
..522-QCS_00003	10/21/32		AccuStandard, Lot 222101299		(Purchased Reagent)		1,4-Dioxane	1000 ug/mL
O-522BFBSub_00027	12/02/25	09/02/25	MeCl2, Lot EJ789-US	2 mL	o-522-bfb_00004	2 uL	BFB	2.005 ug/mL
.o-522-bfb_00004	09/30/28	07/21/22	METHANOL, Lot NA	1 mL	O-522-BFB_00003	1 mL	BFB	2005 ug/mL
..O-522-BFB_00003	09/30/28		Agilent, Lot 6629793		(Purchased Reagent)		BFB	2005 ug/mL
O522-CalL_00026	01/31/26	08/29/25	Methanol, Lot 23I0762004	2 mL	O-522-CalH_00024	20 uL	1,4-Dioxane	1 ug/mL
.O-522-CalH_00024	01/31/26	08/18/25	Methanol, Lot 23I0762004	2 mL	522 AnalyteST_00004	100 uL	1,4-Dioxane	100 ug/mL
..522 AnalyteST_00004	05/31/26	06/17/25	Methanol, Lot na	1 mL	522-Analyte_00003	1 mL	1,4-Dioxane	2000 ug/mL
...522-Analyte_00003	05/31/26		Restek, Lot A0172836		(Purchased Reagent)		1,4-Dioxane	2000 ug/mL

Reagent

522-Analyte_00003



110 Benner Circle
Bellefonte, PA 16823-8812
Tel: (800)356-1688
Fax: (814)353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 30287 Lot No.: A0172836
Description : 1,4-Dioxane Standard
1,4-Dioxane 2000µg/mL, P&T Methanol, 1mL/ampul
Container Size : 2 mL Pkg Amt: > 1 mL
Expiration Date : May 31, 2026 Storage: 0°C or colder
Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)
1	1,4-Dioxane CAS # 123-91-1 Purity 99% (Lot SHBM5092)	2,019.2 µg/mL	+/- 11.8498 µg/mL Gravimetric +/- 43.2613 µg/mL Unstressed +/- 44.5173 µg/mL Stressed

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Rec'd: 12/14/2021 Hms

Column:

105m x 0.53mm x 3.0µm
Rtx-502.2 (cat.#10910)

Carrier Gas:

hydrogen-constant pressure 11.0 psi.

Temp. Program:

40°C (hold 2 min.) to 240°C
@ 8°C/min. (hold 5 min.)

Inj. Temp:

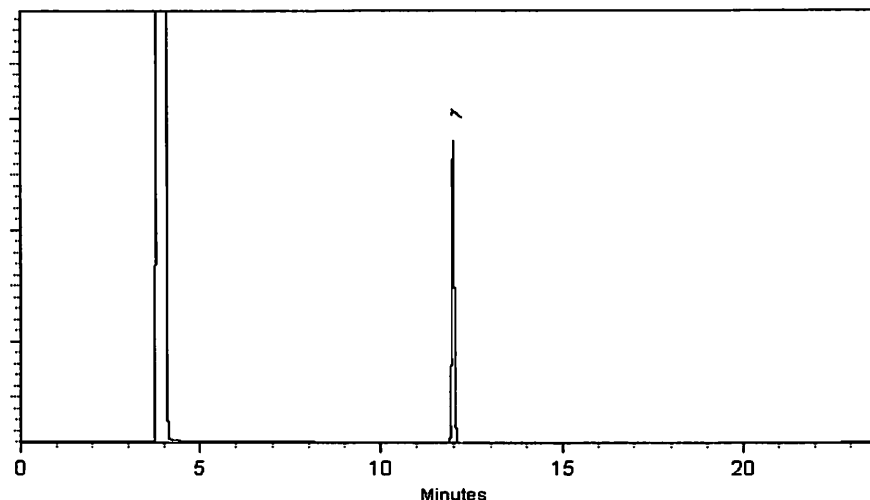
200°C

Det. Temp:

250°C

Det. Type:

FID



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Walker Workman - Operations Technician I

Date Mixed: 27-May-2021

Balance: 1128360905

Marlene Cowan - Operations Tech I

Date Passed: 01-Jun-2021

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/ μ ECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified combined stressed uncertainty value (includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ stressed} = k \sqrt{U_{gravimetric}^2 + U_{homogeneity}^2 + U_{storage\ stability}^2 + U_{shipping\ stability}^2}$$

k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- It is important to note that the shipping stability uncertainty was obtained under temperature extremes for specific time intervals; therefore, the certified combined stressed uncertainty value should only be applied to the product if it was stored at non-standard temperature conditions up to and including 7 days. Contact Restek Technical Service at www.restek.com/Contact-Us for use recommendations if your shipment was in-transit for more than 7 days at non-standard temperature conditions.
- Apply the certified combined unstressed uncertainty value if the product was received under standard shipping conditions. Apply the certified combined stressed uncertainty value if the product was received under non-standard conditions as specified below.

Label Conditions	Standard Conditions	Non-Standard Conditions
25°C Nominal (Room Temperature)	< 60°C	≥ 60°C up to 7 days
10°C or colder (Refrigerate)	< 40°C	≥ 40°C up to 7 days
0°C or colder (Freezer) -20°C or colder (Deep Freezer)	< 25°C	≥ 25°C up to 7 days

- Separate (not combined) uncertainty values for gravimetric uncertainty are also displayed on the certificate, if needed, separate homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty values are available by contacting Restek Technical Service at www.restek.com/Contact-Us.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampules are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampules. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.

Reagent

522-QCS_00003



CERTIFICATE OF ANALYSIS

Catalog No: APP-9-096-10X

Description: p-Dioxane

Lot: 222101299

Solvent: Methanol

Hazards: Refer to SDS for complete safety information

Date Certified: Oct 21, 2022

Expiration: Oct 21, 2032

Sample Size: 1 mL

Components: 1

Storage Condition: Ambient (>5 °C)



Signal Word: Danger

Certified Reference Material



Component	CAS #	Purity ³ %	Prepared Concentration ² (µg/mL)	Certified Analyte Concentration ¹ (µg/mL)
p-Dioxane	123-91-1	100.0	1005	1005

This Certified Reference Material was verified in accordance with ISO/IEC 17025 (AT-1339) and ISO 17034 (AR-1463)

A product with a suffix (-1A, -2B, etc. or -01, -02, etc.) on its lot number has had its expiration date extended and is identical to the same lot number without the suffix.

¹ Certified Analyte Concentration = Purity x Prepared Concentration.

The Uncertainty associated with the certified concentration reported on this certificate is $\pm 2.4\%$. This value is the combined expanded uncertainty and represents an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.

² All weights are traceable through NIST, Test No. 684/291344-18 & 684/292805-19

³ Purity/Identity determined by one or more of the following methods: GC/MS, LC/MS, NMR, FTIR, Melting Point.

Labels and certificates follow U.S. Conventions in reporting numerical values: A comma (,) is used to separate units of one-thousand or greater. A period (.) is used as a decimal place marker.

The information on this certificate may not be reproduced without the express permission of the manufacturer. See reverse side for additional information

Hazard Information: Please refer to the SDS for information regarding the hazards associated with using this material.

This product was prepared according to in-house procedures and is guaranteed to be homogeneous.

Certified By:

Larry Decker, Organic QC Manager

1. Quality Standards:

ISO 17034:2016 – General Requirements for the Competence of Reference Material Producers

ISO/IEC 17025:2017 – General Requirements for the Competence of Testing And Calibration Laboratories

ISO 9001:2015 – Quality Management System – Requirements
Eagle Registrations

- 2. Intended Use:** The product covered by this certificate is designed for calibration or for use in quality control procedures for the specified chemical compounds listed on the reverse side. This product can be used for quantification and/or identification. This product can also be used as a reference material to validate analytical procedures, subject to the conditions under Section 7.
- 3. Manufacturing:** All balances are calibrated daily using an in-house procedure with weights that are compared annually to master weights and traceable to NIST. The balances are also calibrated annually by an ISO/IEC 17025 accredited calibration laboratory. Please refer to the NIST test number listed on the front of this certificate. Class A glassware is used in the manufacture and quality control of all standards. Good Laboratory Practices have been used throughout the preparation of this Standard.
- 4. Homogeneity:** This product is sufficiently homogeneous and any sample size would be within the uncertainty budget.
- 5. Stability:** The manufacturer guarantees the stability of this solution through the expiration date stated on the label, when handled and stored according to the conditions stated on the label
- 6. Uncertainty:** The uncertainty values as stated on the face of this certificate have been determined using the EURACHEM/CITAC Guide. We report a combined expanded uncertainty equal to the positive square root of the total variance of the uncertainty of the components using the following formula: $u_a = \sqrt{(u(V))^2 + (u(m))^2 + (u(TV))^2 + (u(RO))^2}$ This formula represents uncertainty components from the mass, volume, short-term stability, long-term stability and homogeneity factors associated with the production of this product. The expanded uncertainty, assumes a normal distribution and a coverage factor of $k=2$ is chosen using approximately a 95% confidence level.
- 7. Legal Notice and Limit of Liability:** This product is for routine laboratory analysis and research purposes only. The company's liability will be limited to replacement of product or refund of purchase price. Notice of claims must be made within thirty (30) days from date of delivery.

Reagent

522-SUR-Stock_00018



110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus



Recd 03/21/2024
Hms

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 30614 Lot No.: A0206061
Description : 1,4-dioxane-d8 Standard
1,4-dioxane-d8 Standard 2000 µg/mL, P&T Methanol, 1mL/ampul
Container Size : 2 mL Pkg Amt: > 1 mL
Expiration Date : December 31, 2026 Storage: 0°C or colder
Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	1,4-Dioxane-d8	17647-74-4	RP230605	99%	2,010.4 µg/mL	+/- 25.0198

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Quality Confirmation Test

Column:

105m x 0.53mm x 3.0µm
Rtx-502.2 (cat.#10910)

Carrier Gas:

hydrogen-constant pressure 11.0 psi.

Temp. Program:

40°C (hold 2 min.) to 240°C
@ 8°C/min. (hold 5 min.)

Inj. Temp:

200°C

Det. Temp:

250°C

Det. Type:

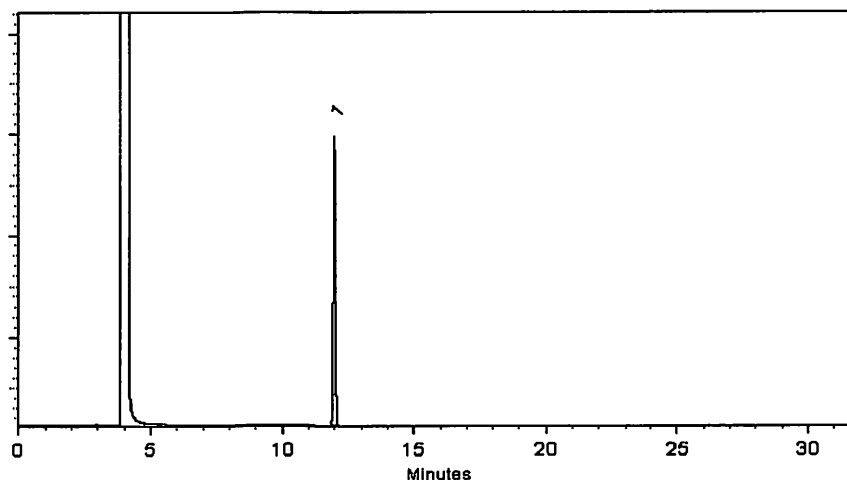
FID

Split Vent:

40 ml/min

Inj. Vol

1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Wilner Torres
Wilner Torres - Operation Tech I

Date Mixed: 29-Dec-2023

Balance Serial # 1128342314

Christie Mills
Christie Mills - Operations Lead Tech - ARM QC

Date Passed: 04-Jan-2024

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k \sqrt{u_{gravimetric}^2 + u_{homogeneity}^2 + u_{storage\ stability}^2 + u_{shipping\ stability}^2}$$

k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

Reagent

522-SUR-Stock_00025



110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 30614 Lot No.: A0229311
Description : 1,4-dioxane-d8 Standard
1,4-dioxane-d8 Standard 2,000 µg/mL, P&T Methanol, 1mL/ampul
Container Size : 2 mL Pkg Amt: > 1 mL
Expiration Date : August 31, 2028 Storage: 0°C or colder
Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	1,4-Dioxane-d8	17647-74-4	RP240917A	99%	2,008.5 µg/mL	+/- 24.9961

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Quality Confirmation Test

Column:

05m x 0.53mm x 3.0µm

LX-502.2 (cat.#10910)

Carrier Gas:

hydrogen-constant pressure 11.0 psi.

Temp. Program:

10°C (hold 2 min.) to 240°C

@ 8°C/min. (hold 5 min.)

Inj. Temp:

100°C

Det. Temp:

50°C

Det. Type:

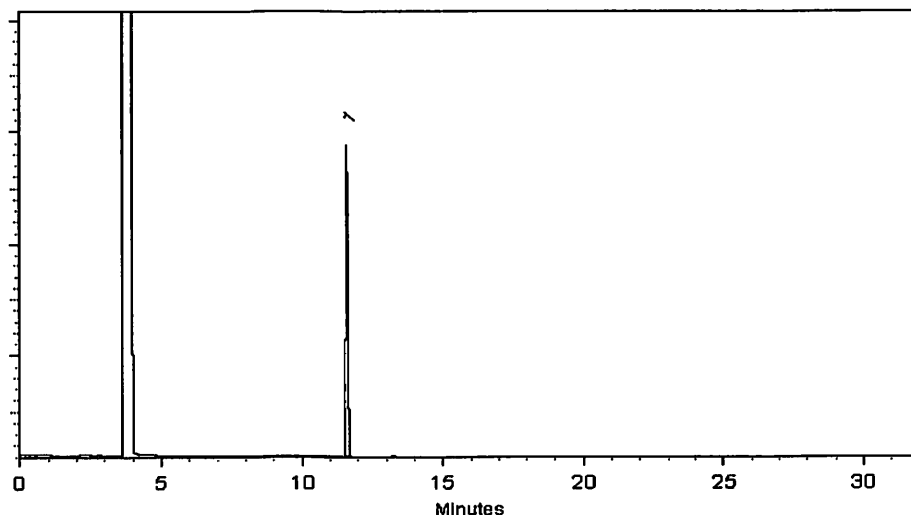
FID

Split Vent:

10 ml/min

Inj. Vol

1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Aaron Enyart
Aaron Enyart - Operations Tech I

Date Mixed: 26-Aug-2025

Balance Serial # B251644995

Brittany Federinko
Brittany Federinko - Operations Tech II

Date Passed: 28-Aug-2025

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k \sqrt{u_{gravimetric}^2 + u_{homogeneity}^2 + u_{storage\ stability}^2 + u_{shipping\ stability}^2}$$

k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

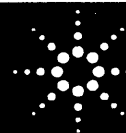
- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

Reagent

O-522-BFB_00003

Recd at 07/06/2022
07/06/2022
HMS

ISO 17034



Agilent

Trusted Answers

Reference Material Certificate

Product Name: 4-Bromofluorobenzene Standard

Lot Number: 0006629793

Product Number: STS-110N-1

Lot Issue Date: 10-Aug-2021

Storage Conditions: Store Frozen (-25° to -10°C).

Expiration Date: 30-Sep-2028

Component Name	CERTIFIED VALUES		CAS#	Analyte Lot
	Concentration	Expanded Uncertainty		
4-bromofluorobenzene	2000	± 10 µg/mL	000460-00-4	RM12184

Matrix: methanol (methyl alcohol)

Description:

This document is prepared in accordance with ISO 17034 and Guide 31. This analytical reference material standard was manufactured and verified in accordance with an ISO 9001 registered quality system and analyte concentrations were verified by an ISO 17025 accredited laboratory. The concentration and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed above.

Traceability:

The balances used for these measurements are calibrated with weights traceable to NIST in compliance with ANSI/NCCL Z540.3, ISO 9001, ISO 17025, and ISO 17034. Calibrated Class A glassware is used for volumetric measurements. Thermometers are calibrated against a NIST traceable thermometer in accordance with NIST Special Publication 1088.

Homogeneity:

This analytical reference standard was unitized according to an in-house procedure and is guaranteed to be homogeneous. There is no minimum sub-sample size required.

Instructions for Use:

Sample aliquots for analysis should be withdrawn at 20°C to 25°C immediately after opening the container and should be processed without delay for the certified values to be valid within the stated uncertainties.

Safety:

Refer to the Safety Data Sheet on www.agilent.com for information regarding this analytical reference material.

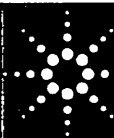
Intended Use:

This analytical reference standard is intended for the preparation of working reference samples for use in routine laboratory analyses, calibration of instruments, validation of analytical methods, assessments of measurement methods, and continuing calibration verification.

Expiration of Certification:

The certification of this analytical reference standard is valid until the expiration date specified above, provided the material is handled and stored in accordance with the instructions given in this certificate. This certification is nullified if the material is damaged, contaminated, or otherwise modified.

ISO 17034



Agilent

Trusted Answers

Maintenance of Certification:

If substantive changes are noted that affect the certification before the expiration of this certificate, Agilent will notify the purchaser.

Sample lot approver:



Monica Bourgeois

QMS Representative



ISO 17034 Cert
No. AR-1936

RM was produced in accordance with the TUV/SUD registered ISO 9001:2015
Quality Management System. Cert# 951215321

Page: 2 of 2

www.agilent.com/quality/

CSD-QA-015.1



ISO 17025 Cert
No. AT-1937

Method 522

1,4 Dioxane (GC/MS SIM) by Method
522

FORM II
GC/MS SEMI VOA SURROGATE RECOVERY

Lab Name: Eurofins Eaton Analytical South Bend Job No.: 810-164749-1

SDG No.: _____

Matrix: Drinking Water Level: Low

GC Column (1): CPSelect 62 ID: 0.25 (mm)

Client Sample ID	Lab Sample ID	DXE #
BPOW6-1-20250916	810-164749-1	98
BPOW6-4-20250916	810-164749-2	96
BPOW6-9-20250916	810-164749-3	99
BPOW6-3-20250916	810-164749-4	101
BPOW6-2-20250916	810-164749-5	93
BPOW6-10-20250916	810-164749-6	91
BPOW6-11-20250916	810-164749-7	96
BPOW6-8-20250916	810-164749-8	97
BPOW6-7-20250917	810-164749-9	74
BPOW6-6-20250917	810-164749-10	72
BPOW6-5-20250917	810-164749-11	92
	LCS 810-161820/3-A	93
	LCS 810-162945/3-A	100
	LLCS 810-161233/2-A	95
	LLCS 810-161820/2-A	93
	LLCS 810-162945/2-A	104
BPOW6-1-20250916MS MS	810-164749-1 MS	96
BPOW6-1-20250916MS D MSD	810-164749-1 MSD	98
	MBL 810-161233/1-A	96
	MBL 810-161820/1-A	93
	MBL 810-162945/1-A	107

DXE = 1,4-Dioxane-d8 (Surr)

QC LIMITS
70-130

Column to be used to flag recovery values

FORM II 522

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Eaton Analytical South Job No.: 810-164749-1
Bend

SDG No.:

Matrix: Drinking Water Level: Low Lab File ID: LCS1.D

Lab ID: LCS 810-161820/3-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,4-Dioxane	50.0	45.6	91	70-130	

Column to be used to flag recovery and RPD values

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Eaton Analytical South Job No.: 810-164749-1
Bend

SDG No.:

Matrix: Drinking Water Level: Low Lab File ID: LCS.D

Lab ID: LCS 810-162945/3-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,4-Dioxane	50.0	50.5	101	70-130	

Column to be used to flag recovery and RPD values

FORM III
GC/MS SEMI VOA LOW LEVEL CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Eaton Analytical South Job No.: 810-164749-1
Bend

SDG No.:

Matrix: Drinking Water Level: Low Lab File ID: LLCS.D

Lab ID: LLCS 810-161233/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LLCS CONCENTRATION (ug/L)	LLCS % REC	QC LIMITS REC	#
1,4-Dioxane	0.0700	0.0775	111	50-150	

Column to be used to flag recovery and RPD values

FORM III 522

FORM III
GC/MS SEMI VOA LOW LEVEL CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Eaton Analytical South Job No.: 810-164749-1
Bend

SDG No.:

Matrix: Drinking Water Level: Low Lab File ID: LLCS1.D

Lab ID: LLCS 810-161820/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LLCS CONCENTRATION (ug/L)	LLCS % REC	QC LIMITS REC	#
1,4-Dioxane	0.0700	0.0813	116	50-150	

Column to be used to flag recovery and RPD values

FORM III
GC/MS SEMI VOA LOW LEVEL CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Eaton Analytical South Job No.: 810-164749-1
Bend

SDG No.:

Matrix: Drinking Water Level: Low Lab File ID: LLC.S.D

Lab ID: LLC.S 810-162945/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LLCS CONCENTRATION (ug/L)	LLCS % REC	QC LIMITS REC	#
1,4-Dioxane	0.0700	0.0944	135	50-150	

Column to be used to flag recovery and RPD values

FORM III 522

FORM III
GC/MS SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: Eurofins Eaton Analytical South
Bend

Job No.: 810-164749-1

SDG No.:

Matrix: Drinking Water Level: Low

Lab File ID: 810-164749-A-1-A MS.D

Lab ID: 810-164749-1 MS

Client ID: BPOW6-1-20250916MS MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
1,4-Dioxane	5.00	0.63	5.27	93	70-130	

Column to be used to flag recovery and RPD values

FORM III
GC/MS SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Eurofins Eaton Analytical South
Bend

Job No.: 810-164749-1

SDG No.:

Matrix: Drinking Water Level: Low

Lab File ID: 810-164749-A-1-B MSD.D

Lab ID: 810-164749-1 MSD

Client ID: BPOW6-1-20250916MSD MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
1,4-Dioxane	5.00	5.09	89	3	30	70-130	

Column to be used to flag recovery and RPD values

FORM III 522

FORM IV
GC/MS SEMI VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Eaton Analytical South Bend Job No.: 810-164749-1

SDG No.: _____

Lab File ID: MBL.D Lab Sample ID: MBL 810-161233/1-A

Matrix: Drinking Water Date Extracted: 09/22/2025 09:18

Instrument ID: GCMS-DM Date Analyzed: 09/22/2025 15:29

Level: (Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LLCS 810-161233/2-A	LLCS.D	09/22/2025 15:54
BPOW6-1-20250916	810-164749-1	810-164749-A-1-D.D	09/22/2025 22:58
BPOW6-1-20250916MS MS	810-164749-1 MS	810-164749-A-1-A MS.D	09/22/2025 23:23
BPOW6-1-20250916MSD MSD	810-164749-1 MSD	810-164749-A-1-B MSD.D	09/22/2025 23:48
BPOW6-4-20250916	810-164749-2	810-164749-A-2-B.D	09/23/2025 00:13
BPOW6-9-20250916	810-164749-3	810-164749-A-3-B.D	09/23/2025 00:38
BPOW6-3-20250916	810-164749-4	810-164749-B-4-B.D	09/23/2025 01:03
BPOW6-2-20250916	810-164749-5	810-164749-A-5-B.D	09/23/2025 01:28

FORM IV
GC/MS SEMI VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Eaton Analytical South Bend Job No.: 810-164749-1

SDG No.: _____

Lab File ID: MBL.D Lab Sample ID: MBL 810-161820/1-A

Matrix: Drinking Water Date Extracted: 09/25/2025 09:31

Instrument ID: GCMS-DM Date Analyzed: 09/29/2025 09:16

Level: (Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LLCS 810-161820/2-A	LLCS1.D	09/29/2025 09:41
	LCS 810-161820/3-A	LCS1.D	09/29/2025 10:06
BPOW6-10-20250916	810-164749-6	810-164749-A-6-B.D	09/29/2025 10:31
BPOW6-6-20250917	810-164749-10	810-164749-A-10-A.D	09/29/2025 12:11
BPOW6-7-20250917	810-164749-9	810-164749-A-9-A.D	10/02/2025 02:29

FORM IV
GC/MS SEMI VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Eaton Analytical South Bend Job No.: 810-164749-1
SDG No.:
Lab File ID: MBL.D Lab Sample ID: MBL 810-162945/1-A
Matrix: Drinking Water Date Extracted: 10/02/2025 10:13
Instrument ID: GCMS-FE Date Analyzed: 10/02/2025 17:38
Level: (Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LLCS 810-162945/2-A	LLCS.D	10/02/2025 17:59
	LCS 810-162945/3-A	LCS.D	10/02/2025 18:21
BPOW6-11-20250916	810-164749-7	810-164749-A-7-C.D	10/02/2025 19:05
BPOW6-8-20250916	810-164749-8	810-164749-A-8-B.D	10/02/2025 19:26
BPOW6-5-20250917	810-164749-11	810-164749-A-11-B.D	10/02/2025 19:48

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Eaton Analytical South Bend Job No.: 810-164749-1

SDG No.: _____

Lab File ID: BFB .D BFB Injection Date: 09/11/2025

Instrument ID: GCMS-DM BFB Injection Time: 10:13

Analysis Batch No.: 159668

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0 % of mass 95	21.7
75	30.0 - 80.0 % of mass 95	52.5
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0 % of mass 95	5.7
173	Less than 2.0 % of mass 174	0.0 (0.0) 1
174	>50.0 % of mass 95	68.3
175	5.0 - 9.0 % of mass 174	5.5 (8.0) 1
176	>95.0 but <101.0 % of mass 174	66.2 (97.0) 1
177	5.0 - 9.0 % of mass 176	4.1 (6.2) 2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	IC 810-159612/4-A	007 .D	09/11/2025	10:45
	IC 810-159612/5-A	01 .D	09/11/2025	11:09
	IC 810-159612/6-A	02 .D	09/11/2025	11:35
	IC 810-159612/7-A	05 .D	09/11/2025	12:00
	IC 810-159612/8-A	1 .D	09/11/2025	12:25
	IC 810-159612/9-A	2 .D	09/11/2025	12:50
	ICISAV 810-159612/10-A	5 .D	09/11/2025	13:15
	IC 810-159612/11-A	10 .D	09/11/2025	13:40
	IC 810-159612/12-A	20.D	09/11/2025	14:04
	IC 810-159612/13-A	50.D	09/11/2025	14:29
	IC 810-159612/14-A	100.D	09/11/2025	14:54
	ICV 810-159612/15-A	ICV.D	09/11/2025	15:44

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Eaton Analytical South Bend Job No.: 810-164749-1

SDG No.:

Lab File ID: BFB 1.D BFB Injection Date: 09/26/2025

Instrument ID: GCMS-FE BFB Injection Time: 15:17

Analysis Batch No.: 162117

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0 % of mass 95	27.6
75	30.0 - 80.0 % of mass 95	60.6
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0 % of mass 95	6.7
173	Less than 2.0 % of mass 174	1.1 (1.4) 1
174	>50.0 % of mass 95	75.1
175	5.0 - 9.0 % of mass 174	5.7 (7.6) 1
176	>95.0 but <101.0 % of mass 174	73.1 (97.2) 1
177	5.0 - 9.0 % of mass 176	4.4 (6.0) 2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	IC 810-161845/4-A	IC 007.D	09/26/2025	16:05
	IC 810-161845/5-A	IC 01.D	09/26/2025	16:26
	IC 810-161845/6-A	IC 02.D	09/26/2025	16:48
	IC 810-161845/7-A	IC 05.D	09/26/2025	17:10
	IC 810-161845/8-A	IC 1.D	09/26/2025	17:31
	IC 810-161845/9-A	IC 2.D	09/26/2025	17:53
	ICISAV 810-161845/10-A	IC 5.D	09/26/2025	18:15
	IC 810-161845/11-A	IC 10.D	09/26/2025	18:37
	IC 810-161845/12-A	IC 20.D	09/26/2025	18:58
	IC 810-161845/13-A	IC 50.D	09/26/2025	19:20
	IC 810-161845/14-A	IC100.D	09/26/2025	19:42
	ICV 810-161845/15-A	ICV.D	09/26/2025	20:25

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Eaton Analytical South Bend Job No.: 810-164749-1

SDG No.: _____

Instrument ID: GCMS-DM Calibration Start Date: 09/11/2025 10:45

GC Column: CPSelect 624 MS ID: 0.25 (mm) Calibration End Date: 09/11/2025 14:54

Calibration ID: 17496

	THFd8					
	AREA #	RT #	#	RT #	#	RT #
INITIAL CALIBRATION MEAN AREA AND MEAN RT	100763	5.86				
UPPER LIMIT	151145	6.36				
LOWER LIMIT	50382	5.36				
LAB SAMPLE ID	CLIENT SAMPLE ID					
ICV 810-159612/15-A		101856	5.87			
CCVLIS 810-161283/1-A		91200	5.85			
MBL 810-161233/1-A		102337	5.85			
LLCS 810-161233/2-A		103852	5.86			
CCVIS 810-161283/2-A		96890	5.86			
810-164749-1	BPOW6-1-20250916	104703	5.87			
810-164749-1 MS	BPOW6-1-20250916MS MS	101694	5.86			
810-164749-1 MSD	BPOW6-1-20250916MSD MSD	98982	5.86			
810-164749-2	BPOW6-4-20250916	102117	5.86			
810-164749-3	BPOW6-9-20250916	103969	5.86			
810-164749-4	BPOW6-3-20250916	99092	5.87			
810-164749-5	BPOW6-2-20250916	106376	5.86			
CCV 810-161283/3-A		106627	5.86			

THFd8 = Tetrahydrofuran-d8

Area Limit = 50%-150% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Eaton Analytical South Bend Job No.: 810-164749-1
 SDG No.: _____
 Sample No.: CCVLIS 810-161283/1-A Date Analyzed: 09/22/2025 14:39
 Instrument ID: GCMS-DM GC Column: CPSelect 624 MS ID: 0.25 (mm)
 Lab File ID (Standard): CCVL.D Heated Purge: (Y/N) N
 Calibration ID: 17496

		THFd8					
		AREA #	RT #	#	RT #	#	RT #
Low Level 12/24 HOUR STD		91200	5.85				
UPPER LIMIT		118560	6.36				
LOWER LIMIT		63840	5.36				
LAB SAMPLE ID	CLIENT SAMPLE ID						
MBL 810-161233/1-A		102337	5.85				
LLCS 810-161233/2-A		103852	5.86				
CCVIS 810-161283/2-A		96890	5.86				

THFd8 = Tetrahydrofuran-d8

Area Limit = 70%-130% of internal standard area
 RT Limit = $\pm$ 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Eaton Analytical South Bend Job No.: 810-164749-1
 SDG No.: _____
 Sample No.: CCVIS 810-161283/2-A Date Analyzed: 09/22/2025 20:29
 Instrument ID: GCMS-DM GC Column: CPSelect 624 MS ID: 0.25 (mm)
 Lab File ID (Standard): CCVM.D Heated Purge: (Y/N) N
 Calibration ID: 17496

		THFd8					
		AREA #	RT #	#	RT #	#	RT #
12/24 HOUR STD		96890	5.86				
UPPER LIMIT		125957	6.36				
LOWER LIMIT		67823	5.36				
LAB SAMPLE ID	CLIENT SAMPLE ID						
810-164749-1	BPOW6-1-20250916	104703	5.87				
810-164749-1 MS	BPOW6-1-20250916MS MS	101694	5.86				
810-164749-1 MSD	BPOW6-1-20250916MSD MSD	98982	5.86				
810-164749-2	BPOW6-4-20250916	102117	5.86				
810-164749-3	BPOW6-9-20250916	103969	5.86				
810-164749-4	BPOW6-3-20250916	99092	5.87				
810-164749-5	BPOW6-2-20250916	106376	5.86				
CCV 810-161283/3-A		106627	5.86				

THFd8 = Tetrahydrofuran-d8

Area Limit = 70%-130% of internal standard area
 RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Eaton Analytical South Bend Job No.: 810-164749-1

SDG No.: _____

Instrument ID: GCMS-DM Calibration Start Date: 09/26/2025 08:48

GC Column: CPSelect 624 MS ID: 0.25 (mm) Calibration End Date: 09/26/2025 12:59

Calibration ID: 17690

	THFd8					
	AREA #	RT #	#	RT #	#	RT #
INITIAL CALIBRATION MEAN AREA AND MEAN RT	89423	5.85				
UPPER LIMIT	134135	6.36				
LOWER LIMIT	44712	5.36				
LAB SAMPLE ID	CLIENT SAMPLE ID					
ICV 810-161845/15-A		85811	5.85			
CCVLIS 810-161845/1-A		76584	5.84			
MBL 810-161820/1-A		89586	5.85			
LLCS 810-161820/2-A		93461	5.85			
LCS 810-161820/3-A		91932	5.85			
810-164749-6	BPOW6-10-20250916	91593	5.85			
810-164749-10	BPOW6-6-20250917	93763	5.85			
CCVIS 810-161845/2-A		94858	5.85			
CCV 810-161845/3-A		84501	5.85			

THFd8 = Tetrahydrofuran-d8

Area Limit = 50%-150% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Eaton Analytical South Bend Job No.: 810-164749-1
SDG No.: _____
Sample No.: CCVLIS 810-161845/1-A Date Analyzed: 09/29/2025 08:26
Instrument ID: GCMS-DM GC Column: CPSelect 624 MS ID: 0.25 (mm)
Lab File ID (Standard): CCVL1.D Heated Purge: (Y/N) N
Calibration ID: 17690

		THFd8					
		AREA #	RT #	#	RT #	#	RT #
Low Level 12/24 HOUR STD		76584	5.84				
UPPER LIMIT		99559	6.35				
LOWER LIMIT		53609	5.35				
LAB SAMPLE ID	CLIENT SAMPLE ID						
MBL 810-161820/1-A		89586	5.85				
LLCS 810-161820/2-A		93461	5.85				
LCS 810-161820/3-A		91932	5.85				
810-164749-6	BPOW6-10-20250916	91593	5.85				
810-164749-10	BPOW6-6-20250917	93763	5.85				
CCVIS		94858	5.85				
810-161845/2-A							

THFd8 = Tetrahydrofuran-d8

Area Limit = 70%-130% of internal standard area
RT Limit = $\pm$ 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Eaton Analytical South Bend Job No.: 810-164749-1
SDG No.: _____
Sample No.: CCVIS 810-161845/2-A Date Analyzed: 09/29/2025 14:42
Instrument ID: GCMS-DM GC Column: CPSelect 624 MS ID: 0.25 (mm)
Lab File ID (Standard): CCVM1.D Heated Purge: (Y/N) N
Calibration ID: 17690

		THFd8					
		AREA #	RT #	#	RT #	#	RT #
12/24 HOUR STD		94858	5.85				
UPPER LIMIT		123315	6.35				
LOWER LIMIT		66401	5.35				
LAB SAMPLE ID	CLIENT SAMPLE ID						
CCV 810-161845/3-A		84501	5.85				

THFd8 = Tetrahydrofuran-d8

Area Limit = 70%-130% of internal standard area
RT Limit = $\pm$ 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Eaton Analytical South Bend Job No.: 810-164749-1

SDG No.: _____

Instrument ID: GCMS-FE Calibration Start Date: 09/26/2025 16:05

GC Column: CPSelect 624 MS ID: 0.25 (mm) Calibration End Date: 09/26/2025 19:42

Calibration ID: 17691

	THFd8					
	AREA #	RT #	#	RT #	#	RT #
INITIAL CALIBRATION MEAN AREA AND MEAN RT	63658	6.49				
UPPER LIMIT	95487	6.99				
LOWER LIMIT	31829	5.99				
LAB SAMPLE ID	CLIENT SAMPLE ID					
ICV 810-161845/15-A		61591	6.50			
CCVLIS 810-162779/1-A		57372	6.50			
CCVIS 810-162779/3-A		57708	6.49			
CCV 810-162779/5-A		57968	6.49			
810-164749-9	BPOW6-7-20250917	72061	6.50			
CCVIS 810-162779/3-A		60212	6.49			
CCVLIS 810-163017/1-A		57947	6.49			
MBL 810-162945/1-A		55076	6.49			
LLCS 810-162945/2-A		61619	6.50			
LCS 810-162945/3-A		59926	6.49			
810-164749-7	BPOW6-11-20250916	57579	6.49			
810-164749-8	BPOW6-8-20250916	59969	6.50			
810-164749-11	BPOW6-5-20250917	60670	6.49			
CCVIS 810-163017/2-A		60174	6.49			
CCV 810-163017/3-A		60014	6.49			

THFd8 = Tetrahydrofuran-d8

Area Limit = 50%-150% of internal standard area
RT Limit = $\pm$ 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Eaton Analytical South Bend Job No.: 810-164749-1
SDG No.: _____
Sample No.: CCVLIS 810-162779/1-A Date Analyzed: 10/01/2025 15:39
Instrument ID: GCMS-FE GC Column: CPSelect 624 MS ID: 0.25 (mm)
Lab File ID (Standard): CCVL.D Heated Purge: (Y/N) N
Calibration ID: 17691

		THFd8					
		AREA #	RT #	#	RT #	#	RT #
Low Level 12/24 HOUR STD		57372	6.50				
UPPER LIMIT		74584	6.99				
LOWER LIMIT		40160	5.99				
LAB SAMPLE ID	CLIENT SAMPLE ID						
CCVIS 810-162779/3-A		57708	6.49				
CCVIS 810-162779/3-A		60212	6.49				

THFd8 = Tetrahydrofuran-d8

Area Limit = 70%-130% of internal standard area
RT Limit = $\pm$ 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Eaton Analytical South Bend Job No.: 810-164749-1
SDG No.: _____
Sample No.: CCVIS 810-162779/3-A Date Analyzed: 10/01/2025 20:43
Instrument ID: GCMS-FE GC Column: CPSelect 624 MS ID: 0.25 (mm)
Lab File ID (Standard): CCVM.D Heated Purge: (Y/N) N
Calibration ID: 17691

		THFd8					
		AREA #	RT #	#	RT #	#	RT #
12/24 HOUR STD		57708	6.49				
UPPER LIMIT		75020	6.99				
LOWER LIMIT		40396	5.99				
LAB SAMPLE ID	CLIENT SAMPLE ID						
CCV 810-162779/5-A		57968	6.49				
810-164749-9	BPOW6-7-20250917	72061	6.50				

THFd8 = Tetrahydrofuran-d8

Area Limit = 70%-130% of internal standard area
RT Limit = $\pm$ 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Eaton Analytical South Bend Job No.: 810-164749-1
 SDG No.: _____
 Sample No.: CCVLIS 810-163017/1-A Date Analyzed: 10/02/2025 16:54
 Instrument ID: GCMS-FE GC Column: CPSelect 624 MS ID: 0.25 (mm)
 Lab File ID (Standard): CCVL.D Heated Purge: (Y/N) N
 Calibration ID: 17691

		THFd8					
		AREA #	RT #	#	RT #	#	RT #
Low Level 12/24 HOUR STD		57947	6.49				
UPPER LIMIT		75331	6.99				
LOWER LIMIT		40563	5.99				
LAB SAMPLE ID	CLIENT SAMPLE ID						
MBL 810-162945/1-A		55076	6.49				
LLCS 810-162945/2-A		61619	6.50				
LCS 810-162945/3-A		59926	6.49				
810-164749-7	BPOW6-11-20250916	57579	6.49				
810-164749-8	BPOW6-8-20250916	59969	6.50				
810-164749-11	BPOW6-5-20250917	60670	6.49				
CCVIS 810-163017/2-A		60174	6.49				

THFd8 = Tetrahydrofuran-d8

Area Limit = 70%-130% of internal standard area
 RT Limit = $\pm$ 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Eaton Analytical South Bend Job No.: 810-164749-1
SDG No.: _____
Sample No.: CCVIS 810-163017/2-A Date Analyzed: 10/02/2025 21:37
Instrument ID: GCMS-FE GC Column: CPSelect 624 MS ID: 0.25 (mm)
Lab File ID (Standard): CCVM.D Heated Purge: (Y/N) N
Calibration ID: 17691

		THFd8					
		AREA #	RT #	#	RT #	#	RT #
12/24 HOUR STD		60174	6.49				
UPPER LIMIT		78226	6.99				
LOWER LIMIT		42122	5.99				
LAB SAMPLE ID	CLIENT SAMPLE ID						
CCV 810-163017/3-A		60014	6.49				

THFd8 = Tetrahydrofuran-d8

Area Limit = 70%-130% of internal standard area
RT Limit = $\pm$ 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Eaton Analytical South <u>Bend</u>	Job No.: <u>810-164749-1</u>
SDG No.: _____	
Client Sample ID: <u>BPOW6-1-20250916</u>	Lab Sample ID: <u>810-164749-1</u>
Matrix: <u>Drinking Water</u>	Lab File ID: <u>810-164749-A-1-D.D</u>
Analysis Method: <u>522</u>	Date Collected: <u>09/16/2025 10:10</u>
Extract. Method: <u>522</u>	Date Extracted: <u>09/22/2025 09:18</u>
Sample wt/vol: <u>100 (mL)</u>	Date Analyzed: <u>09/22/2025 22:58</u>
Con. Extract Vol.: <u>2 (mL)</u>	Dilution Factor: <u>1</u>
Injection Volume: <u>1 (uL)</u>	GC Column: <u>CPSelect 624 MS ID: 0.25 (mm)</u>
% Moisture: _____ % Solids: _____	GPC Cleanup: (Y/N) <u>N</u>
Cleanup Factor: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>161293</u>	Units: <u>ug/L</u>
Preparation Batch No.: <u>161233</u>	Instrument ID: <u>GCMS-DM</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
123-91-1	1,4-Dioxane	0.63		0.070	0.062

CAS NO.	SURROGATE	%REC	Q	LIMITS
17647-74-4	1,4-Dioxane-d8 (Surr)	98		70-130

Eurofins Eaton Analytical South Bend
Target Compound Quantitation Report

Data File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250922-41695.b\810-164749-A-1-D.D
 Lims ID: 810-164749-A-1-D
 Client ID: BPOW6-1-20250916
 Sample Type: Client
 Inject. Date: 22-Sep-2025 22:58:47 ALS Bottle#: 21 Worklist Smp#: 20
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 810-0041695-020
 Misc. Info.: 810-164749-A-1-D
 Operator ID: TD Instrument ID: GCMS-DM
 Raw Data: Smoothed
 Method: \\ChromFS\Southbend\ChromData\GCMS-DM\20250922-41695.b\522_GCMS-DM.m
 Limit Group: MSS - 522
 Last Update: 23-Sep-2025 11:37:41 Calib Date: 11-Sep-2025 14:54:49
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250910-41284.b\100.D
 Column 1 : CP Select 624 MS (0.25 mm) Det: MS Quad
 Process Host: CTX1725

First Level Reviewer: D5UB

Date: 23-Sep-2025 11:11:08

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 5 Tetrahydrofuran-d8	46	5.870	5.862	0.008	24	104703	500.0	
\$ 9 1,4-Dioxane-d8 (Surr)	96	7.962	7.962	0.000	0	75004	487.7	
11 1,4-Dioxane	88	8.035	8.035	0.000	84	5227	31.6	M

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

O-522BFBSUB_00027

Amount Added: 1.00

Units: mL

Run Reagent

Eurofins Eaton Analytical South Bend

Data File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250922-41695.b\810-164749-A-1-D.D

Injection Date: 22-Sep-2025 22:58:47

Instrument ID: GCMS-DM

Lims ID: 810-164749-A-1-D

Lab Sample ID: 810-164749-1

Client ID: BPOW6-1-20250916

Operator ID: TD

ALS Bottle#: 21

Worklist Smp#: 20

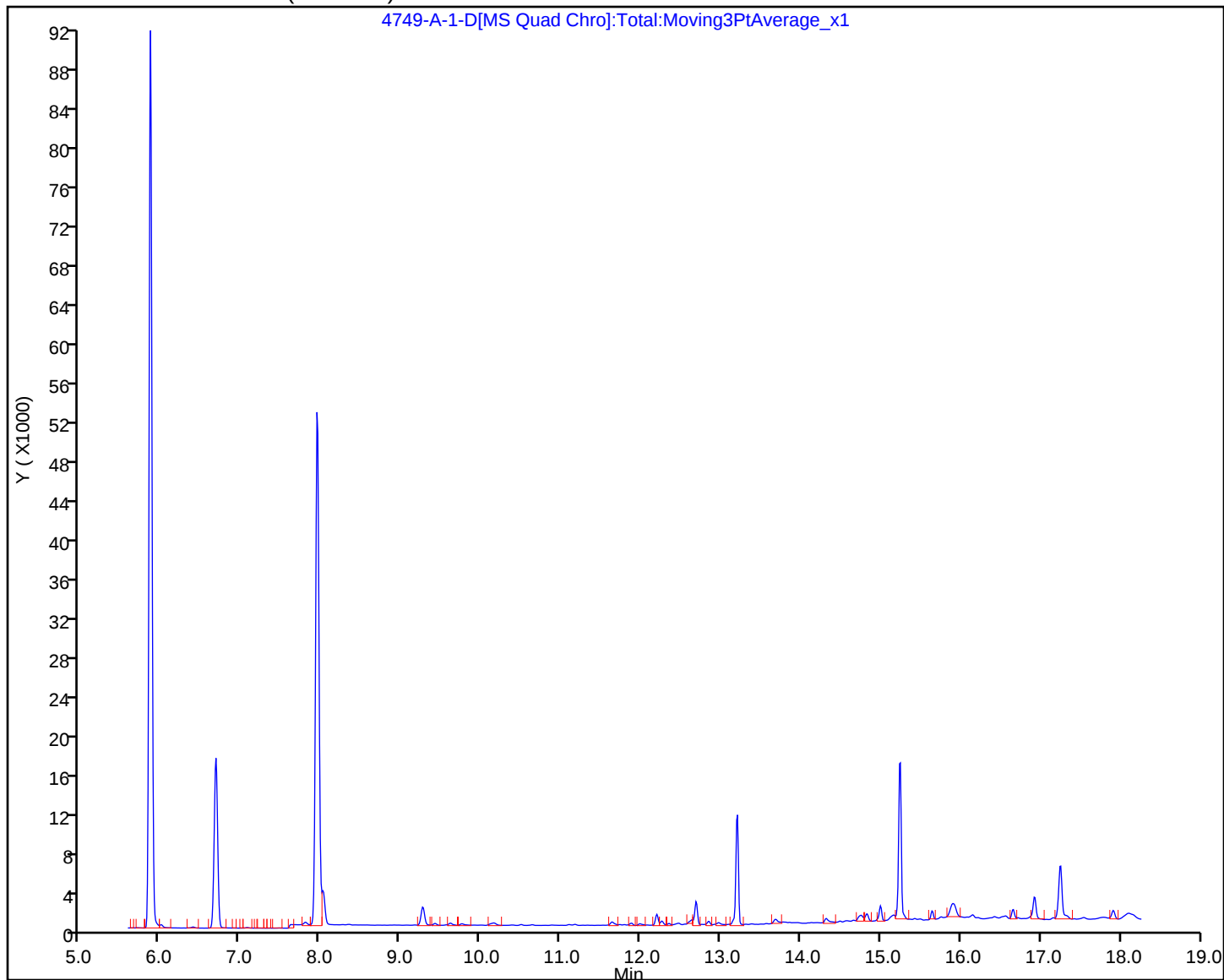
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: 522_GCMS-DM

Limit Group: MSS - 522

Column: CP Select 624 MS (0.25 mm)



Eurofins Eaton Analytical South Bend
Recovery Report

Data File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250922-41695.b\810-164749-A-1-D.D
Lims ID: 810-164749-A-1-D
Client ID: BPOW6-1-20250916
Sample Type: Client
Inject. Date: 22-Sep-2025 22:58:47 ALS Bottle#: 21 Worklist Smp#: 20
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 810-0041695-020
Misc. Info.: 810-164749-A-1-D
Operator ID: TD Instrument ID: GCMS-DM
Raw Data: Smoothed
Method: \\ChromFS\Southbend\ChromData\GCMS-DM\20250922-41695.b\522_GCMS-DM.m
Limit Group: MSS - 522
Last Update: 23-Sep-2025 11:37:41 Calib Date: 11-Sep-2025 14:54:49
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250910-41284.b\100.D
Column 1 : CP Select 624 MS (0.25 mm) Det: MS Quad
Process Host: CTX1725

First Level Reviewer: D5UB

Date: 23-Sep-2025 11:11:08

Compound	Amount Added	Amount Recovered	% Rec.
\$ 9 1,4-Dioxane-d8 (Surr)	500.0	487.7	97.54

Eurofins Eaton Analytical South Bend

Data File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250922-41695.b\810-164749-A-1-D.D

Injection Date: 22-Sep-2025 22:58:47

Instrument ID: GCMS-DM

Lims ID: 810-164749-A-1-D

Lab Sample ID: 810-164749-1

Client ID: BPOW6-1-20250916

Operator ID: TD

ALS Bottle#: 21

Worklist Smp#: 20

Injection Vol: 1.0 ul

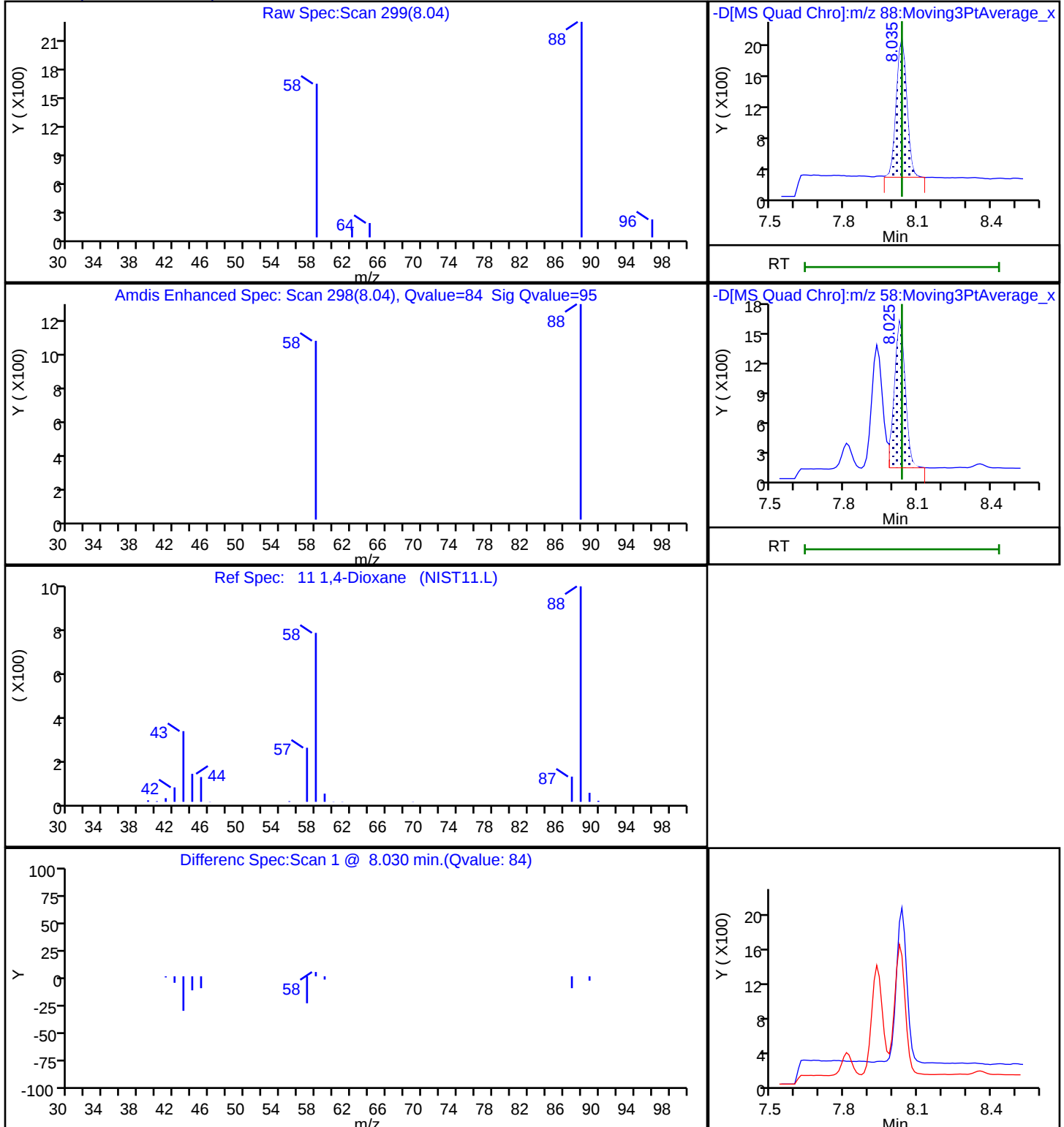
Dil. Factor: 1.0000

Method: 522_GCMS-DM

Limit Group: MSS - 522

Column: CP Select 624 MS (0.25 mm)

Detector: MS Quad

11 1,4-Dioxane, CAS: 123-91-1

Eurofins Eaton Analytical South Bend

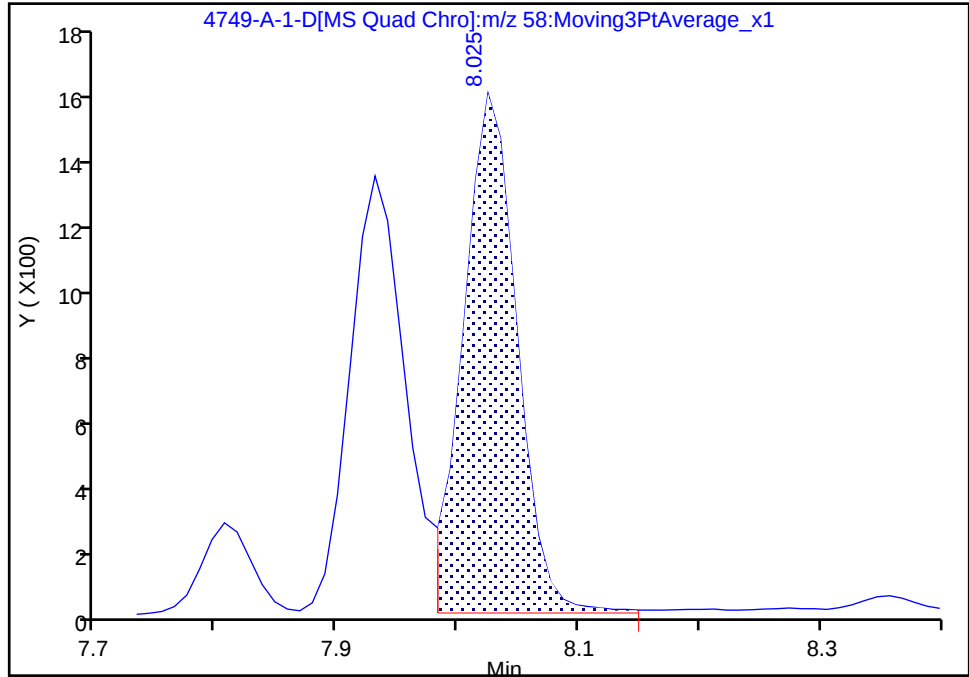
Data File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250922-41695.b\810-164749-A-1-D.D
Injection Date: 22-Sep-2025 22:58:47 Instrument ID: GCMS-DM
Lims ID: 810-164749-A-1-D Lab Sample ID: 810-164749-1
Client ID: BPOW6-1-20250916
Operator ID: TD ALS Bottle#: 21 Worklist Smp#: 20
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 522_GCMS-DM Limit Group: MSS - 522
Column: CP Select 624 MS (0.25 mm) Detector: MS Quad

11 1,4-Dioxane, CAS: 123-91-1

Signal: 2

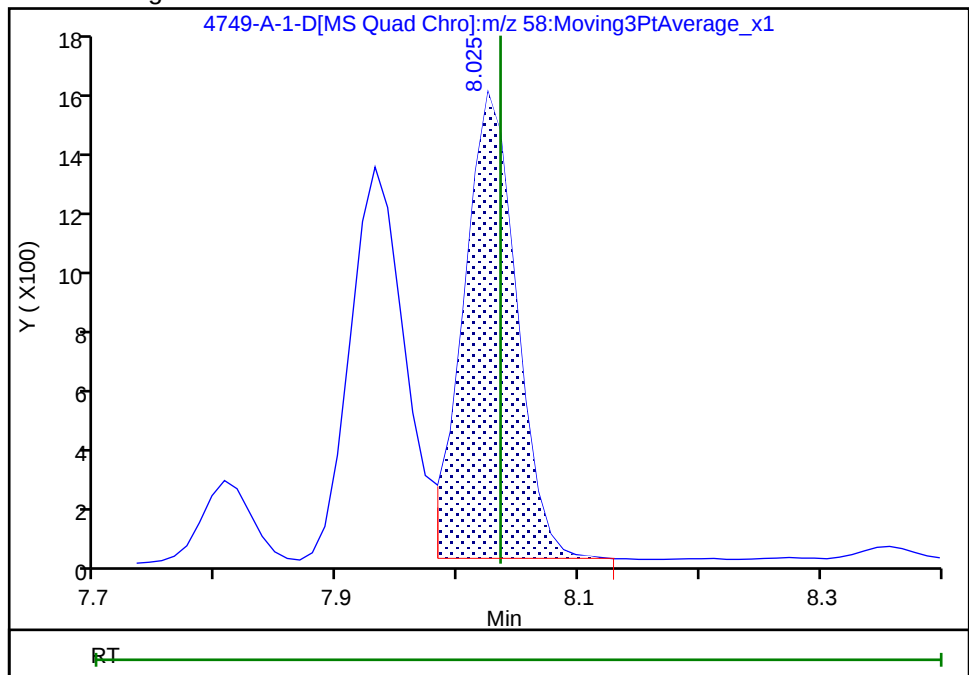
RT: 8.02
Area: 4619
Amount: 41.139054
Amount Units: ug/l

Processing Integration Results



RT: 8.02
Area: 4515
Amount: 31.581033
Amount Units: ug/l

Manual Integration Results



Reviewer: D5UB, 23-Sep-2025 11:10:52 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Baseline

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Eaton Analytical South <u>Bend</u>	Job No.: <u>810-164749-1</u>
SDG No.: _____	
Client Sample ID: <u>BPOW6-4-20250916</u>	Lab Sample ID: <u>810-164749-2</u>
Matrix: <u>Drinking Water</u>	Lab File ID: <u>810-164749-A-2-B.D</u>
Analysis Method: <u>522</u>	Date Collected: <u>09/16/2025 12:25</u>
Extract. Method: <u>522</u>	Date Extracted: <u>09/22/2025 09:18</u>
Sample wt/vol: <u>100 (mL)</u>	Date Analyzed: <u>09/23/2025 00:13</u>
Con. Extract Vol.: <u>2 (mL)</u>	Dilution Factor: <u>1</u>
Injection Volume: <u>1 (uL)</u>	GC Column: <u>CPSelect 624 MS ID: 0.25 (mm)</u>
% Moisture: _____ % Solids: _____	GPC Cleanup: (Y/N) <u>N</u>
Cleanup Factor: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>161293</u>	Units: <u>ug/L</u>
Preparation Batch No.: <u>161233</u>	Instrument ID: <u>GCMS-DM</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
123-91-1	1,4-Dioxane	0.30		0.070	0.062

CAS NO.	SURROGATE	%REC	Q	LIMITS
17647-74-4	1,4-Dioxane-d8 (Surr)	96		70-130

Eurofins Eaton Analytical South Bend
Target Compound Quantitation Report

Data File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250922-41695.b\810-164749-A-2-B.D
 Lims ID: 810-164749-A-2-B
 Client ID: BPOW6-4-20250916
 Sample Type: Client
 Inject. Date: 23-Sep-2025 00:13:34 ALS Bottle#: 24 Worklist Smp#: 23
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 810-0041695-023
 Misc. Info.: 810-164749-A-2-B
 Operator ID: TD Instrument ID: GCMS-DM
 Raw Data: Smoothed
 Method: \\ChromFS\Southbend\ChromData\GCMS-DM\20250922-41695.b\522_GCMS-DM.m
 Limit Group: MSS - 522
 Last Update: 23-Sep-2025 11:37:41 Calib Date: 11-Sep-2025 14:54:49
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250910-41284.b\100.D
 Column 1 : CP Select 624 MS (0.25 mm) Det: MS Quad
 Process Host: CTX1725

First Level Reviewer: D5UB

Date: 23-Sep-2025 11:19:50

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 5 Tetrahydrofuran-d8	46	5.862	5.862	0.000	25	102117	500.0	
\$ 9 1,4-Dioxane-d8 (Surr)	96	7.962	7.962	0.000	0	72341	482.3	
11 1,4-Dioxane	88	8.035	8.035	0.000	84	2419	15.1	M

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

O-522BFBSUB_00027

Amount Added: 1.00

Units: mL

Run Reagent

Report Date: 23-Sep-2025 11:37:51

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Eaton Analytical South Bend

Data File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250922-41695.b\810-164749-A-2-B.D

Injection Date: 23-Sep-2025 00:13:34

Instrument ID: GCMS-DM

Lims ID: 810-164749-A-2-B

Lab Sample ID: 810-164749-2

Client ID: BPOW6-4-20250916

Operator ID: TD

ALS Bottle#: 24

Worklist Smp#: 23

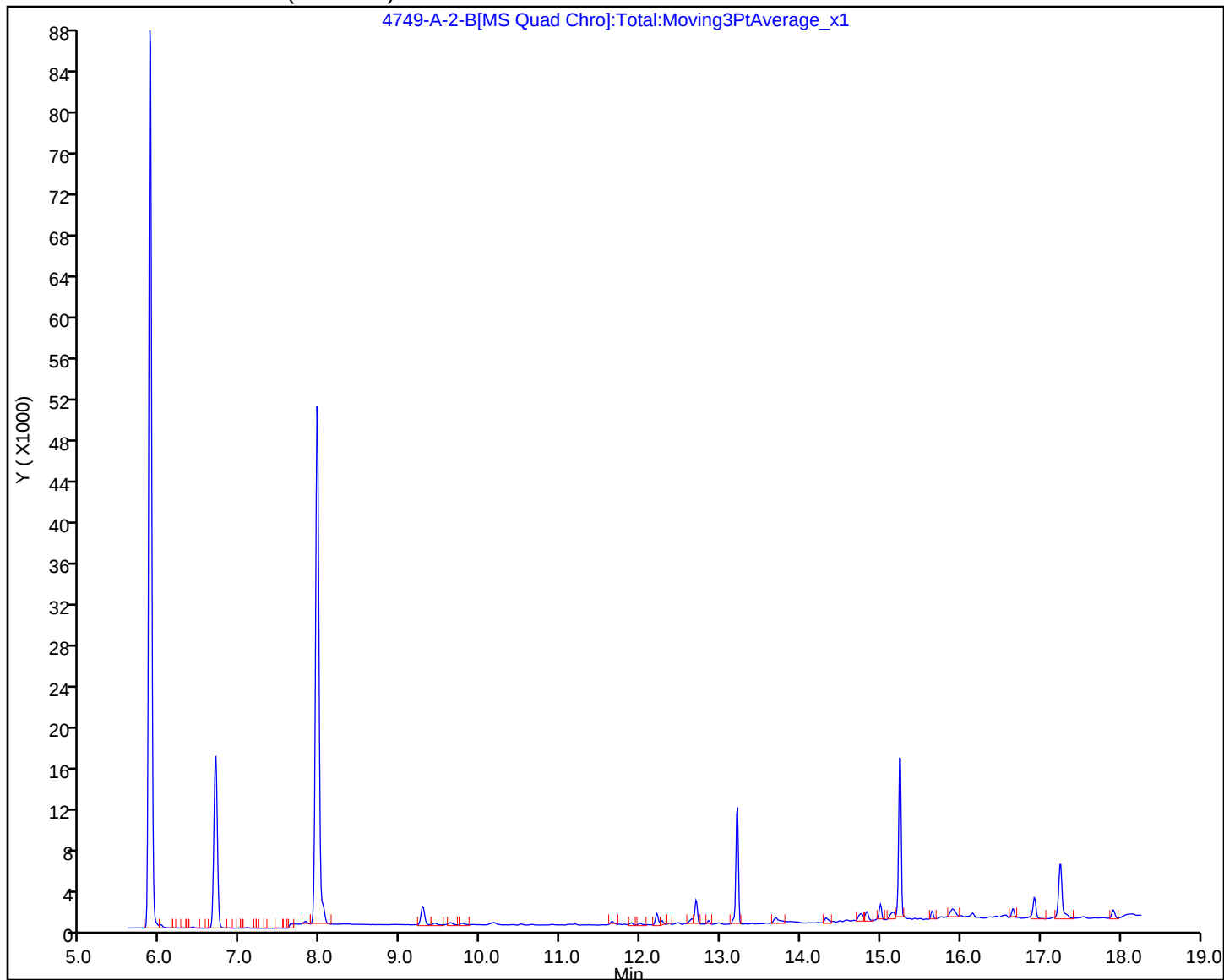
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: 522_GCMS-DM

Limit Group: MSS - 522

Column: CP Select 624 MS (0.25 mm)



Eurofins Eaton Analytical South Bend
Recovery Report

Data File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250922-41695.b\810-164749-A-2-B.D
Lims ID: 810-164749-A-2-B
Client ID: BPOW6-4-20250916
Sample Type: Client
Inject. Date: 23-Sep-2025 00:13:34 ALS Bottle#: 24 Worklist Smp#: 23
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 810-0041695-023
Misc. Info.: 810-164749-A-2-B
Operator ID: TD Instrument ID: GCMS-DM
Raw Data: Smoothed
Method: \\ChromFS\Southbend\ChromData\GCMS-DM\20250922-41695.b\522_GCMS-DM.m
Limit Group: MSS - 522
Last Update: 23-Sep-2025 11:37:41 Calib Date: 11-Sep-2025 14:54:49
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250910-41284.b\100.D
Column 1 : CP Select 624 MS (0.25 mm) Det: MS Quad
Process Host: CTX1725

First Level Reviewer: D5UB

Date: 23-Sep-2025 11:19:50

Compound	Amount Added	Amount Recovered	% Rec.
\$ 9 1,4-Dioxane-d8 (Surr)	500.0	482.3	96.46

Eurofins Eaton Analytical South Bend

Data File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250922-41695.b\810-164749-A-2-B.D

Injection Date: 23-Sep-2025 00:13:34

Instrument ID: GCMS-DM

Lims ID: 810-164749-A-2-B

Lab Sample ID: 810-164749-2

Client ID: BPOW6-4-20250916

Operator ID: TD

ALS Bottle#: 24

Worklist Smp#: 23

Injection Vol: 1.0 ul

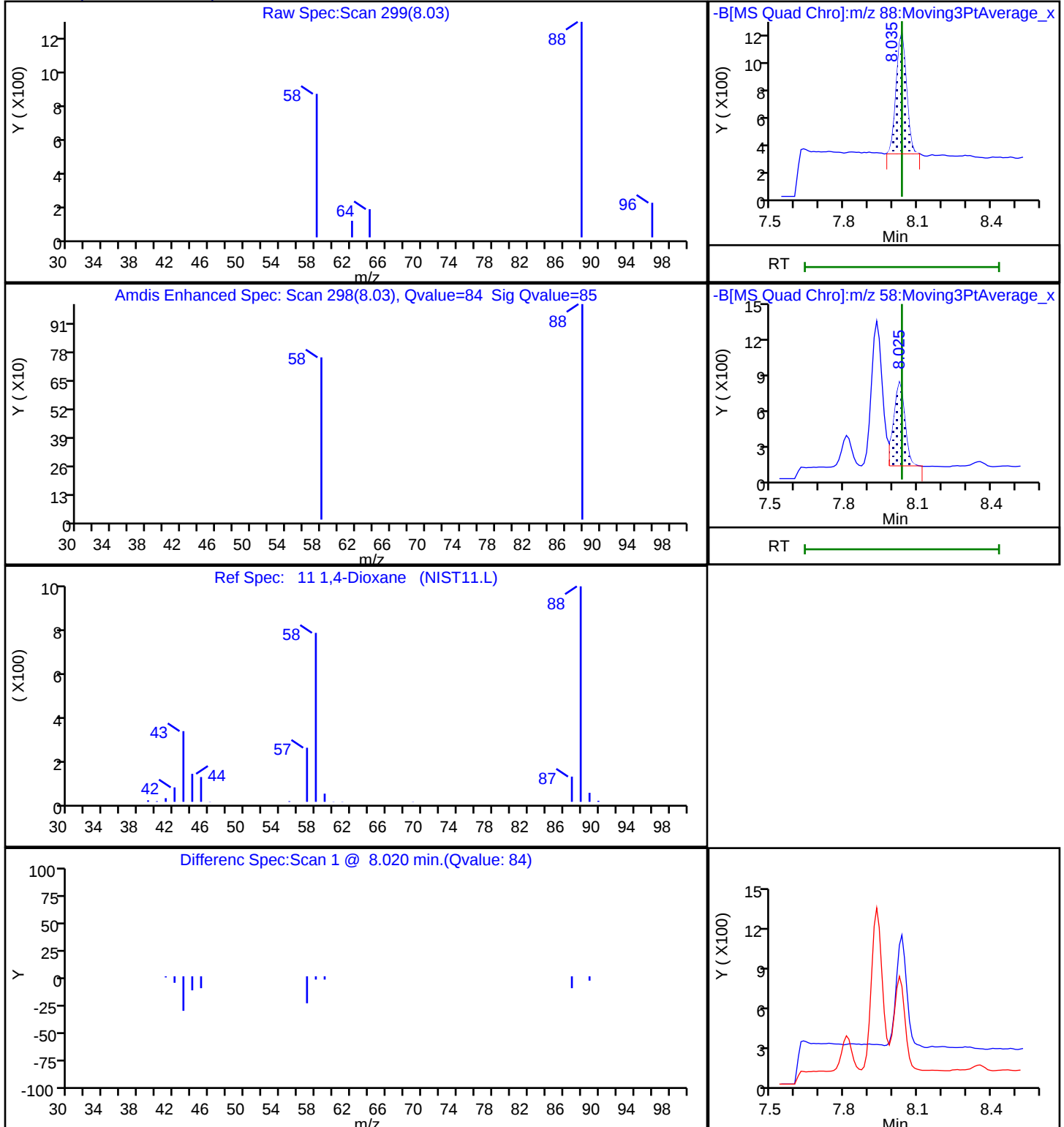
Dil. Factor: 1.0000

Method: 522_GCMS-DM

Limit Group: MSS - 522

Column: CP Select 624 MS (0.25 mm)

Detector: MS Quad

11 1,4-Dioxane, CAS: 123-91-1

Eurofins Eaton Analytical South Bend

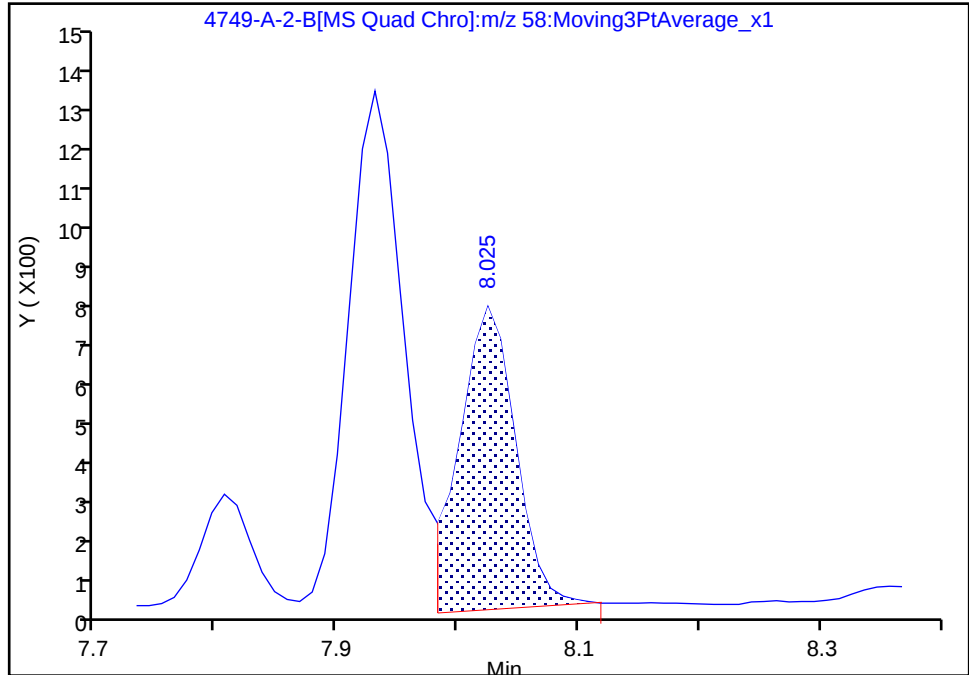
Data File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250922-41695.b\810-164749-A-2-B.D
Injection Date: 23-Sep-2025 00:13:34 Instrument ID: GCMS-DM
Lims ID: 810-164749-A-2-B Lab Sample ID: 810-164749-2
Client ID: BPOW6-4-20250916
Operator ID: TD ALS Bottle#: 24 Worklist Smp#: 23
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 522_GCMS-DM Limit Group: MSS - 522
Column: CP Select 624 MS (0.25 mm) Detector: MS Quad

11 1,4-Dioxane, CAS: 123-91-1

Signal: 2

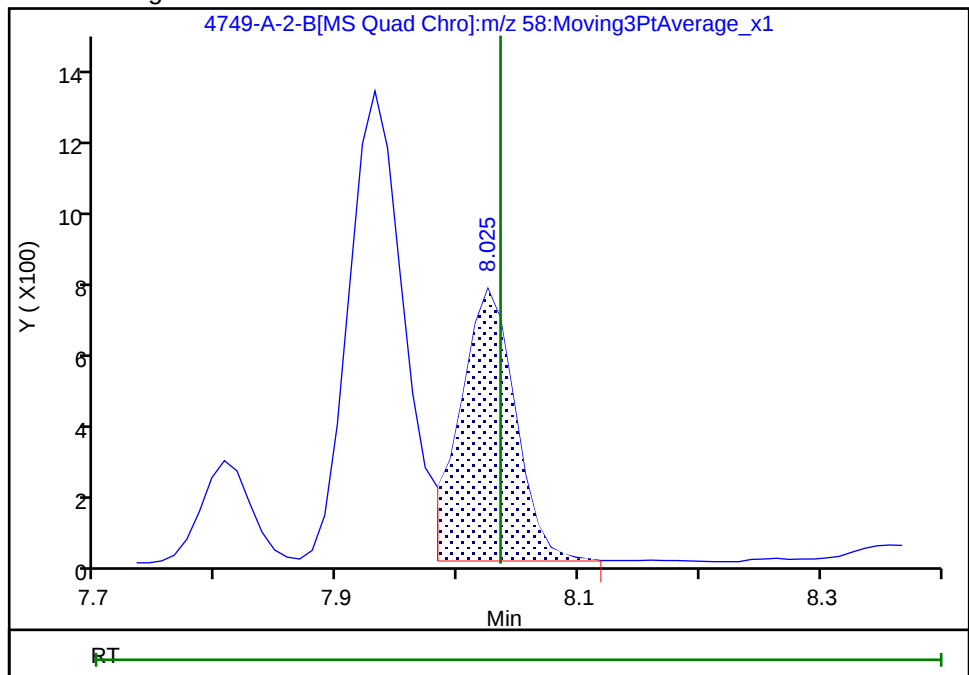
RT: 8.02
Area: 2436
Amount: 31.316608
Amount Units: ug/l

Processing Integration Results



RT: 8.02
Area: 2314
Amount: 15.069452
Amount Units: ug/l

Manual Integration Results



Reviewer: D5UB, 23-Sep-2025 11:19:41 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Baseline

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Eaton Analytical South Bend _____ SDG No.: _____ Client Sample ID: BPOW6-9-20250916 Matrix: Drinking Water Analysis Method: 522 Extract. Method: 522 Sample wt/vol: 100 (mL) Con. Extract Vol.: 2 (mL) Injection Volume: 1 (uL) % Moisture: _____ % Solids: _____ Cleanup Factor: _____ Analysis Batch No.: 161293 Preparation Batch No.: 161233	Job No.: 810-164749-1 _____ Lab Sample ID: 810-164749-3 Lab File ID: 810-164749-A-3-B.D Date Collected: 09/16/2025 11:45 Date Extracted: 09/22/2025 09:18 Date Analyzed: 09/23/2025 00:38 Dilution Factor: 1 GC Column: CPSelect 624 MS ID: 0.25 (mm) GPC Cleanup: (Y/N) N Level: (low/med) Low Units: ug/L Instrument ID: GCMS-DM
--	--

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
123-91-1	1,4-Dioxane	0.17		0.070	0.062

CAS NO.	SURROGATE	%REC	Q	LIMITS
17647-74-4	1,4-Dioxane-d8 (Surr)	99		70-130

Eurofins Eaton Analytical South Bend
Target Compound Quantitation Report

Data File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250922-41695.b\810-164749-A-3-B.D
 Lims ID: 810-164749-A-3-B
 Client ID: BPOW6-9-20250916
 Sample Type: Client
 Inject. Date: 23-Sep-2025 00:38:28 ALS Bottle#: 25 Worklist Smp#: 24
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 810-0041695-024
 Misc. Info.: 810-164749-A-3-B
 Operator ID: TD Instrument ID: GCMS-DM
 Raw Data: Smoothed
 Method: \\ChromFS\Southbend\ChromData\GCMS-DM\20250922-41695.b\522_GCMS-DM.m
 Limit Group: MSS - 522
 Last Update: 23-Sep-2025 11:37:41 Calib Date: 11-Sep-2025 14:54:49
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250910-41284.b\100.D
 Column 1 : CP Select 624 MS (0.25 mm) Det: MS Quad
 Process Host: CTX1725

First Level Reviewer: D5UB

Date: 23-Sep-2025 11:23:56

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 5 Tetrahydrofuran-d8	46	5.862	5.862	0.000	24	103969	500.0	
\$ 9 1,4-Dioxane-d8 (Surr)	96	7.962	7.962	0.000	0	75242	492.7	
11 1,4-Dioxane	88	8.035	8.035	0.000	85	1403	8.65	M

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

O-522BFBSUB_00027

Amount Added: 1.00

Units: mL

Run Reagent

Report Date: 23-Sep-2025 11:37:52

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Eaton Analytical South Bend

Data File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250922-41695.b\810-164749-A-3-B.D

Injection Date: 23-Sep-2025 00:38:28

Instrument ID: GCMS-DM

Lims ID: 810-164749-A-3-B

Lab Sample ID: 810-164749-3

Client ID: BPOW6-9-20250916

Operator ID: TD

ALS Bottle#: 25

Worklist Smp#: 24

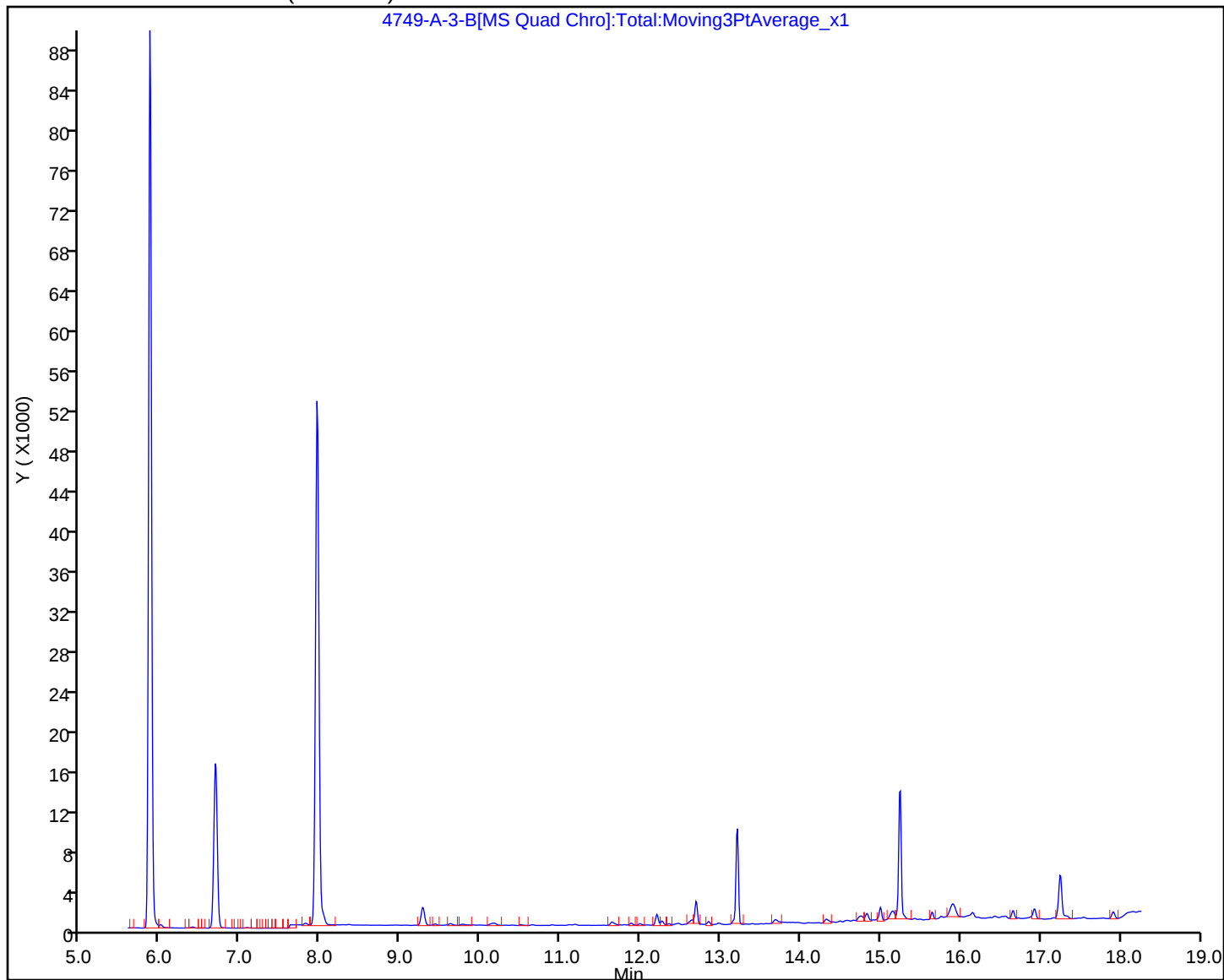
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: 522_GCMS-DM

Limit Group: MSS - 522

Column: CP Select 624 MS (0.25 mm)



Eurofins Eaton Analytical South Bend
Recovery Report

Data File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250922-41695.b\810-164749-A-3-B.D
Lims ID: 810-164749-A-3-B
Client ID: BPOW6-9-20250916
Sample Type: Client
Inject. Date: 23-Sep-2025 00:38:28 ALS Bottle#: 25 Worklist Smp#: 24
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 810-0041695-024
Misc. Info.: 810-164749-A-3-B
Operator ID: TD Instrument ID: GCMS-DM
Raw Data: Smoothed
Method: \\ChromFS\Southbend\ChromData\GCMS-DM\20250922-41695.b\522_GCMS-DM.m
Limit Group: MSS - 522
Last Update: 23-Sep-2025 11:37:41 Calib Date: 11-Sep-2025 14:54:49
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250910-41284.b\100.D
Column 1 : CP Select 624 MS (0.25 mm) Det: MS Quad
Process Host: CTX1725

First Level Reviewer: D5UB

Date: 23-Sep-2025 11:23:56

Compound	Amount Added	Amount Recovered	% Rec.
\$ 9 1,4-Dioxane-d8 (Surr)	500.0	492.7	98.54

Eurofins Eaton Analytical South Bend

Data File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250922-41695.b\810-164749-A-3-B.D

Injection Date: 23-Sep-2025 00:38:28

Instrument ID: GCMS-DM

Lims ID: 810-164749-A-3-B

Lab Sample ID: 810-164749-3

Client ID: BPOW6-9-20250916

Operator ID: TD

ALS Bottle#: 25

Worklist Smp#: 24

Injection Vol: 1.0 ul

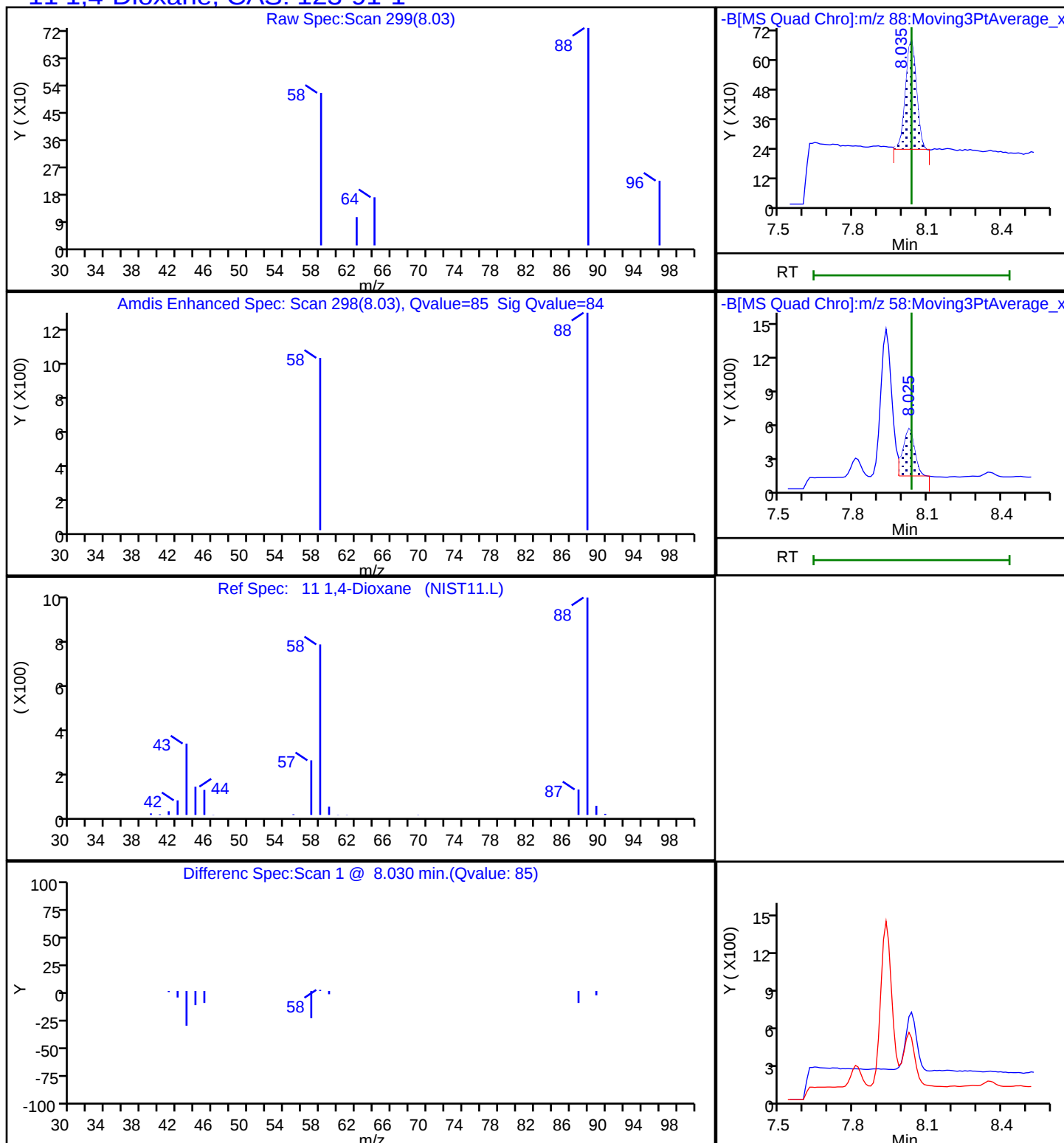
Dil. Factor: 1.0000

Method: 522_GCMS-DM

Limit Group: MSS - 522

Column: CP Select 624 MS (0.25 mm)

Detector: MS Quad

11 1,4-Dioxane, CAS: 123-91-1

Eurofins Eaton Analytical South Bend

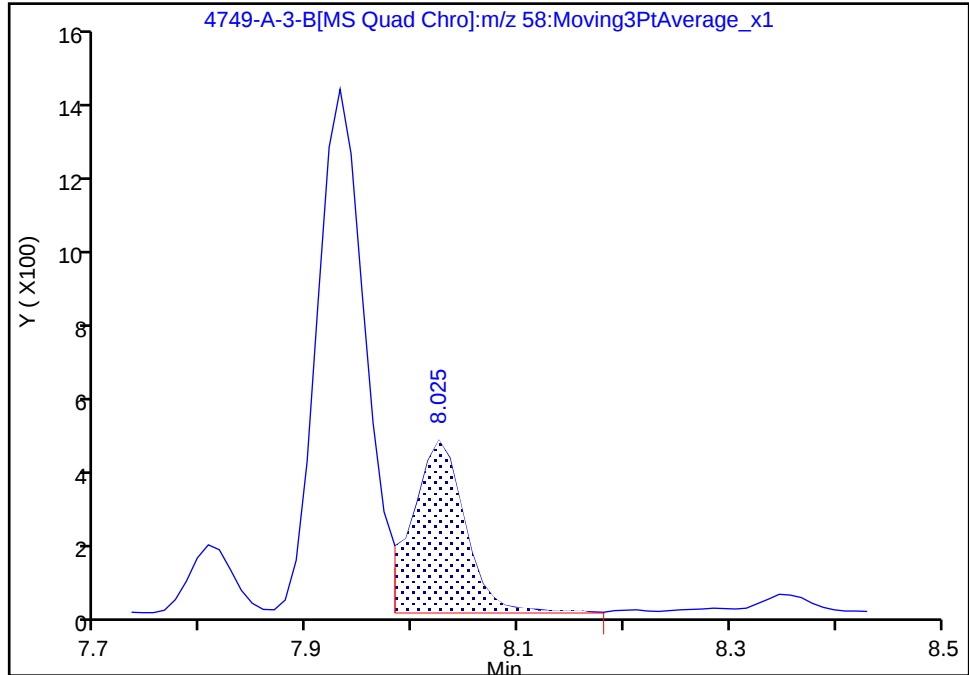
Data File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250922-41695.b\810-164749-A-3-B.D
Injection Date: 23-Sep-2025 00:38:28 Instrument ID: GCMS-DM
Lims ID: 810-164749-A-3-B Lab Sample ID: 810-164749-3
Client ID: BPOW6-9-20250916
Operator ID: TD ALS Bottle#: 25 Worklist Smp#: 24
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 522_GCMS-DM Limit Group: MSS - 522
Column: CP Select 624 MS (0.25 mm) Detector: MS Quad

11 1,4-Dioxane, CAS: 123-91-1

Signal: 2

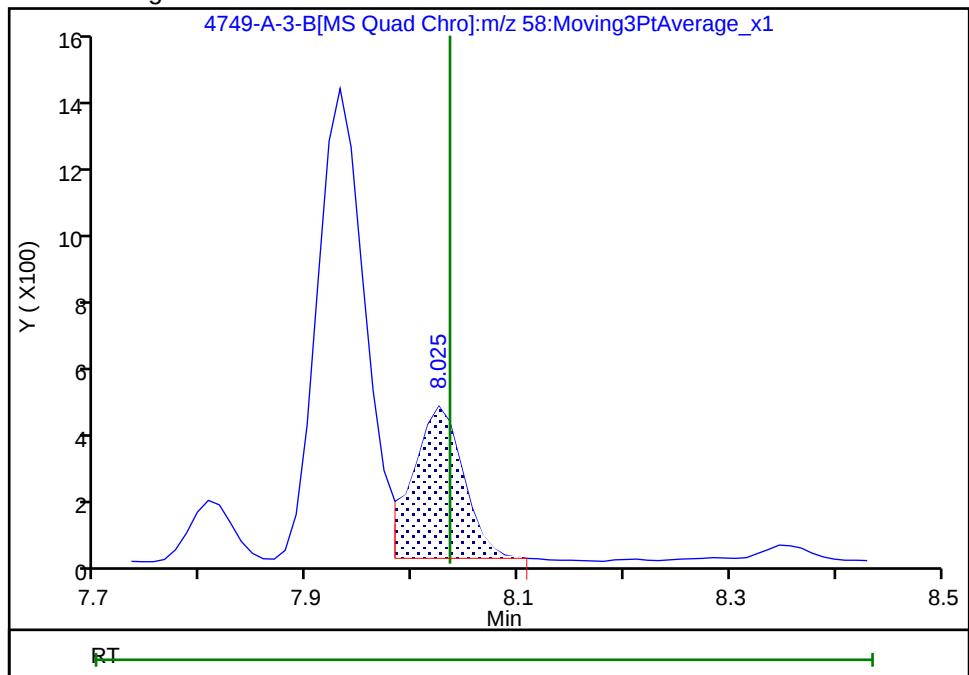
RT: 8.02
Area: 1473
Amount: 20.064595
Amount Units: ug/l

Processing Integration Results



RT: 8.02
Area: 1390
Amount: 8.653233
Amount Units: ug/l

Manual Integration Results



Reviewer: D5UB, 23-Sep-2025 11:23:45 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Baseline

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Eaton Analytical South Bend Job No.: 810-164749-1

SDG No.: _____

Client Sample ID: BPOW6-3-20250916 Lab Sample ID: 810-164749-4

Matrix: Drinking Water Lab File ID: 810-164749-B-4-B.D

Analysis Method: 522 Date Collected: 09/16/2025 12:40

Extract. Method: 522 Date Extracted: 09/22/2025 09:18

Sample wt/vol: 100 (mL) Date Analyzed: 09/23/2025 01:03

Con. Extract Vol.: 2 (mL) Dilution Factor: 1

Injection Volume: 1 (uL) GC Column: CPSelect 624 MS ID: 0.25 (mm)

% Moisture: _____ % Solids: _____ GPC Cleanup: (Y/N) N

Cleanup Factor: _____ Level: (low/med) Low

Analysis Batch No.: 161293 Units: ug/L

Preparation Batch No.: 161233 Instrument ID: GCMS-DM

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
123-91-1	1,4-Dioxane	<0.062		0.070	0.062

CAS NO.	SURROGATE	%REC	Q	LIMITS
17647-74-4	1,4-Dioxane-d8 (Surr)	101		70-130

Eurofins Eaton Analytical South Bend
Target Compound Quantitation Report

Data File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250922-41695.b\810-164749-B-4-B.D
Lims ID: 810-164749-B-4-B
Client ID: BPOW6-3-20250916
Sample Type: Client
Inject. Date: 23-Sep-2025 01:03:26 ALS Bottle#: 26 Worklist Smp#: 25
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 810-0041695-025
Misc. Info.: 810-164749-B-4-B
Operator ID: TD Instrument ID: GCMS-DM
Raw Data: Smoothed
Method: \\ChromFS\Southbend\ChromData\GCMS-DM\20250922-41695.b\522_GCMS-DM.m
Limit Group: MSS - 522
Last Update: 23-Sep-2025 11:37:41 Calib Date: 11-Sep-2025 14:54:49
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250910-41284.b\100.D
Column 1 : CP Select 624 MS (0.25 mm) Det: MS Quad
Process Host: CTX1725

First Level Reviewer: D5UB

Date: 23-Sep-2025 11:24:34

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 5 Tetrahydrofuran-d8	46	5.870	5.862	0.008	27	99092	500.0	
\$ 9 1,4-Dioxane-d8 (Surr)	96	7.962	7.962	0.000	0	73571	505.5	
11 1,4-Dioxane	88		8.035				ND	MU

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

U - Marked Undetected

Reagents:

O-522BFBSUB_00027

Amount Added: 1.00

Units: mL

Run Reagent

Eurofins Eaton Analytical South Bend

Data File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250922-41695.b\810-164749-B-4-B.D

Injection Date: 23-Sep-2025 01:03:26

Instrument ID: GCMS-DM

Lims ID: 810-164749-B-4-B

Lab Sample ID: 810-164749-4

Client ID: BPOW6-3-20250916

Operator ID: TD

ALS Bottle#: 26

Worklist Smp#: 25

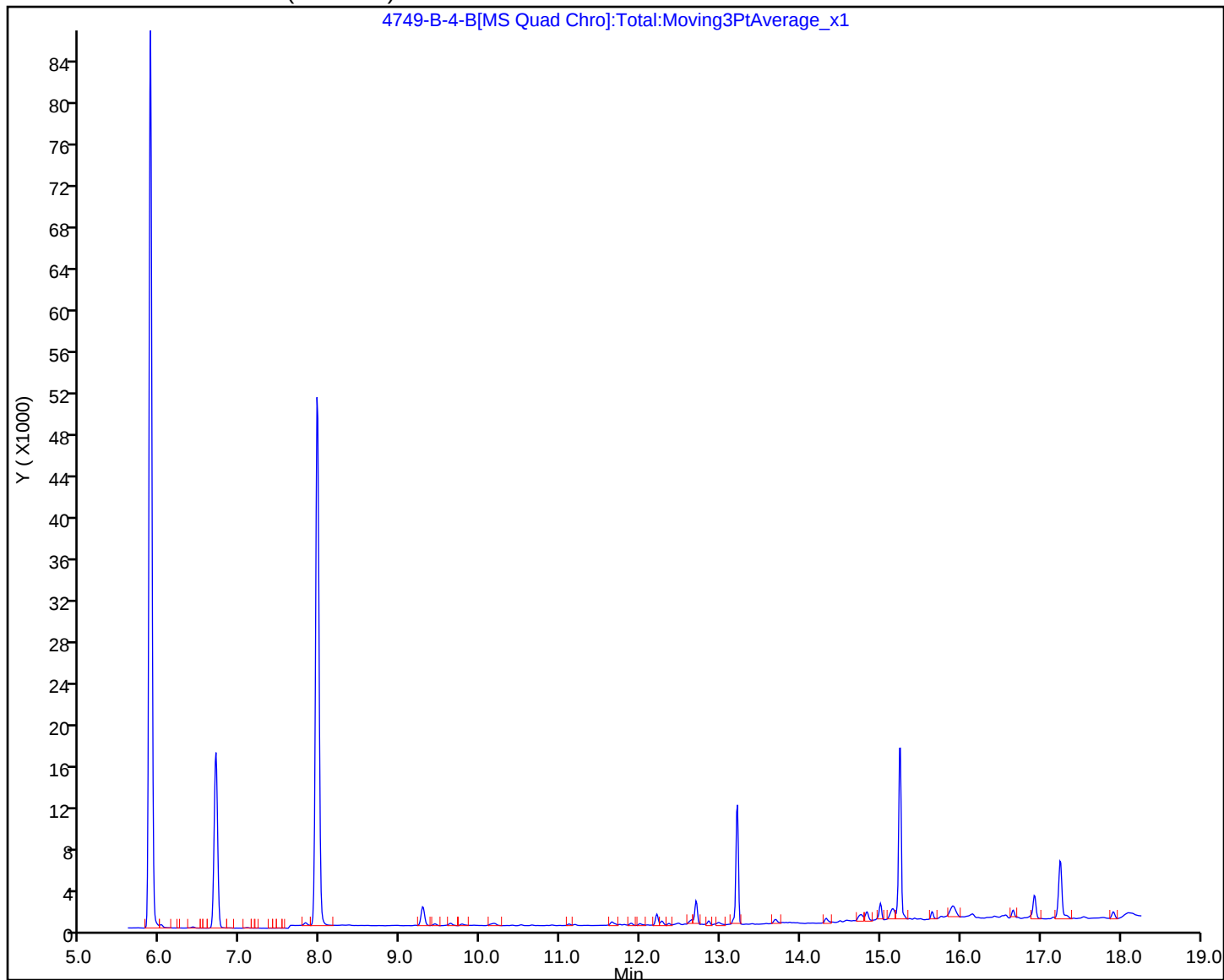
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: 522_GCMS-DM

Limit Group: MSS - 522

Column: CP Select 624 MS (0.25 mm)



Eurofins Eaton Analytical South Bend
Recovery Report

Data File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250922-41695.b\810-164749-B-4-B.D
Lims ID: 810-164749-B-4-B
Client ID: BPOW6-3-20250916
Sample Type: Client
Inject. Date: 23-Sep-2025 01:03:26 ALS Bottle#: 26 Worklist Smp#: 25
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 810-0041695-025
Misc. Info.: 810-164749-B-4-B
Operator ID: TD Instrument ID: GCMS-DM
Raw Data: Smoothed
Method: \\ChromFS\Southbend\ChromData\GCMS-DM\20250922-41695.b\522_GCMS-DM.m
Limit Group: MSS - 522
Last Update: 23-Sep-2025 11:37:41 Calib Date: 11-Sep-2025 14:54:49
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250910-41284.b\100.D
Column 1 : CP Select 624 MS (0.25 mm) Det: MS Quad
Process Host: CTX1725

First Level Reviewer: D5UB

Date: 23-Sep-2025 11:24:34

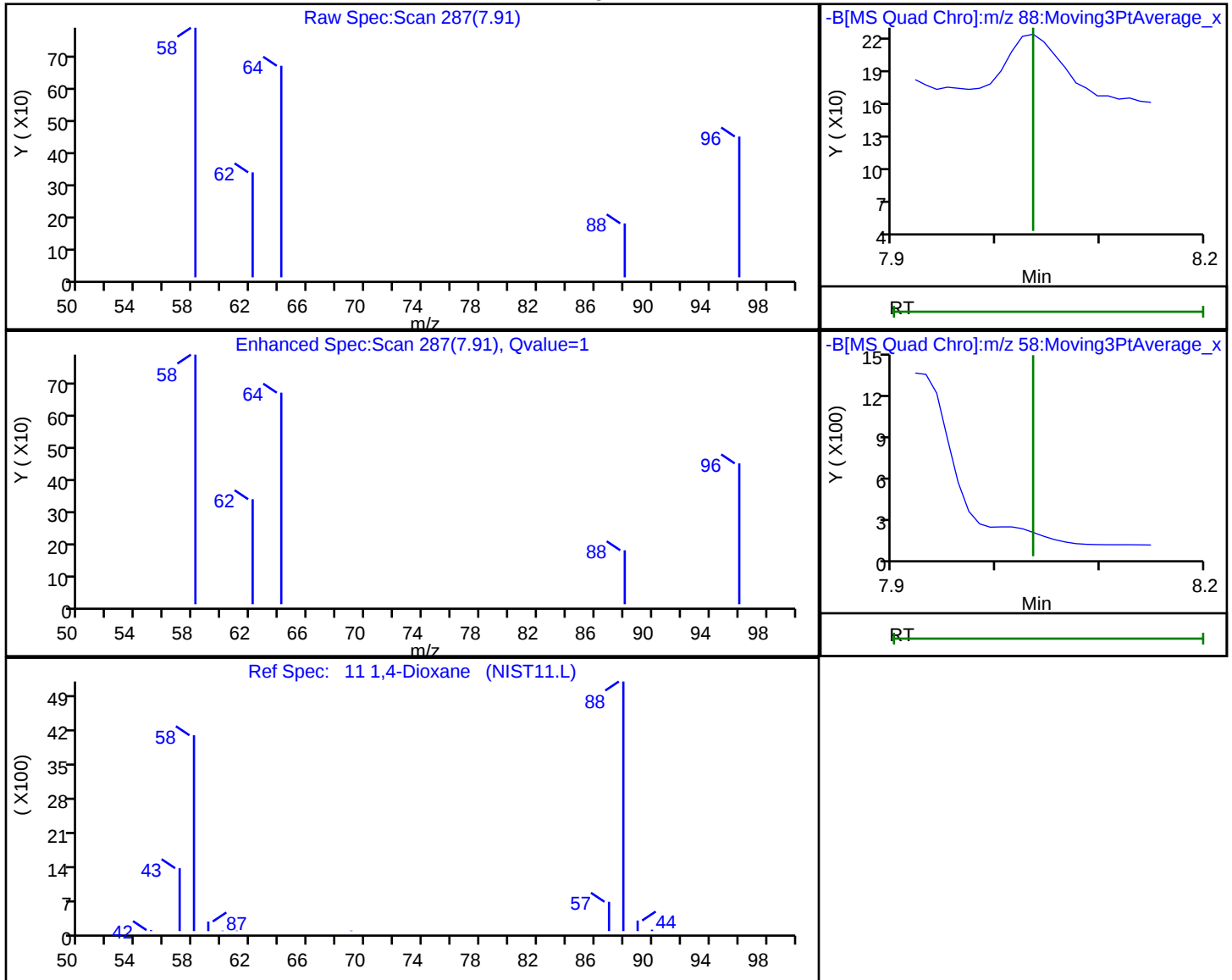
Compound	Amount Added	Amount Recovered	% Rec.
\$ 9 1,4-Dioxane-d8 (Surr)	500.0	505.5	101.10

Eurofins Eaton Analytical South Bend

Data File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250922-41695.b\810-164749-B-4-B.D
Injection Date: 23-Sep-2025 01:03:26 Instrument ID: GCMS-DM
Lims ID: 810-164749-B-4-B Lab Sample ID: 810-164749-4
Client ID: BPOW6-3-20250916
Operator ID: TD ALS Bottle#: 26 Worklist Smp#: 25
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 522_GCMS-DM Limit Group: MSS - 522
Column: CP Select 624 MS (0.25 mm) Detector: MS Quad

11 1,4-Dioxane, CAS: 123-91-1

Processing Results



RT	Mass	Response	Amount
7.91	88.00	404	2.725885
7.93	58.00	4596	

Reviewer: D5UB, 23-Sep-2025 11:24:34 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Eaton Analytical South Bend	Job No.: 810-164749-1
SDG No.:	
Client Sample ID: BPOW6-2-20250916	Lab Sample ID: 810-164749-5
Matrix: Drinking Water	Lab File ID: 810-164749-A-5-B.D
Analysis Method: 522	Date Collected: 09/16/2025 10:00
Extract. Method: 522	Date Extracted: 09/22/2025 09:18
Sample wt/vol: 100 (mL)	Date Analyzed: 09/23/2025 01:28
Con. Extract Vol.: 2 (mL)	Dilution Factor: 1
Injection Volume: 1 (uL)	GC Column: CPSelect 624 MS ID: 0.25 (mm)
% Moisture: % Solids:	GPC Cleanup: (Y/N) N
Cleanup Factor:	Level: (low/med) Low
Analysis Batch No.: 161293	Units: ug/L
Preparation Batch No.: 161233	Instrument ID: GCMS-DM

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
123-91-1	1,4-Dioxane	<0.062		0.070	0.062

CAS NO.	SURROGATE	%REC	Q	LIMITS
17647-74-4	1,4-Dioxane-d8 (Surr)	93		70-130

Eurofins Eaton Analytical South Bend
Target Compound Quantitation Report

Data File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250922-41695.b\810-164749-A-5-B.D
 Lims ID: 810-164749-A-5-B
 Client ID: BPOW6-2-20250916
 Sample Type: Client
 Inject. Date: 23-Sep-2025 01:28:19 ALS Bottle#: 27 Worklist Smp#: 26
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 810-0041695-026
 Misc. Info.: 810-164749-A-5-B
 Operator ID: TD Instrument ID: GCMS-DM
 Raw Data: Smoothed
 Method: \\ChromFS\Southbend\ChromData\GCMS-DM\20250922-41695.b\522_GCMS-DM.m
 Limit Group: MSS - 522
 Last Update: 23-Sep-2025 11:37:41 Calib Date: 11-Sep-2025 14:54:49
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250910-41284.b\100.D
 Column 1 : CP Select 624 MS (0.25 mm) Det: MS Quad
 Process Host: CTX1725

First Level Reviewer: D5UB

Date: 23-Sep-2025 11:24:42

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 5 Tetrahydrofuran-d8	46	5.862	5.862	0.000	26	106376	500.0	
\$ 9 1,4-Dioxane-d8 (Surr)	96	7.962	7.962	0.000	0	72644	464.9	
11 1,4-Dioxane	88		8.035				ND	U

QC Flag Legend

Processing Flags

Review Flags

U - Marked Undetected

Reagents:

O-522BFBSUB_00027

Amount Added: 1.00

Units: mL

Run Reagent

Report Date: 23-Sep-2025 11:37:56

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Eaton Analytical South Bend

Data File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250922-41695.b\810-164749-A-5-B.D

Injection Date: 23-Sep-2025 01:28:19

Instrument ID: GCMS-DM

Lims ID: 810-164749-A-5-B

Lab Sample ID: 810-164749-5

Client ID: BPOW6-2-20250916

Operator ID: TD

ALS Bottle#: 27

Worklist Smp#: 26

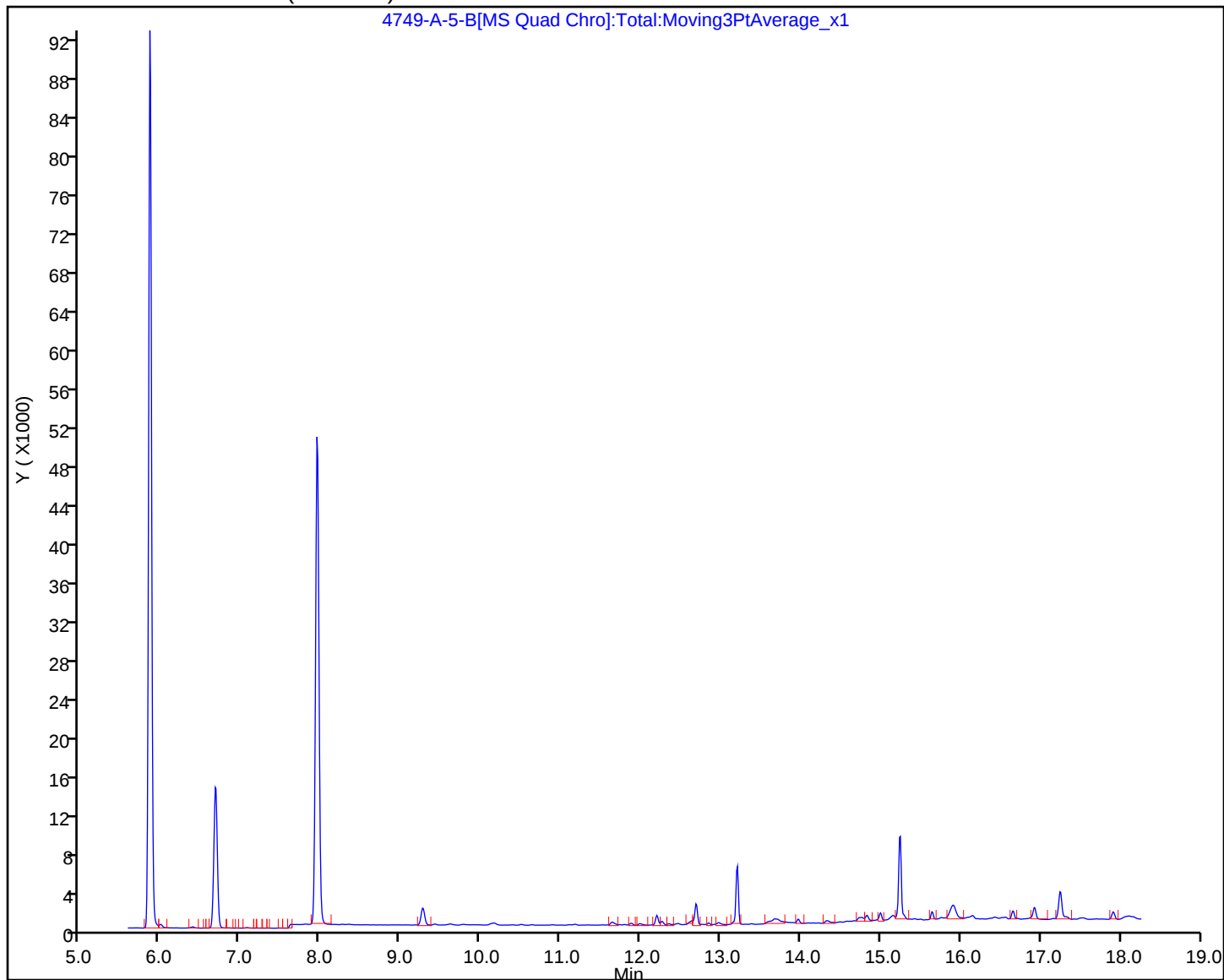
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: 522_GCMS-DM

Limit Group: MSS - 522

Column: CP Select 624 MS (0.25 mm)



Eurofins Eaton Analytical South Bend
Recovery Report

Data File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250922-41695.b\810-164749-A-5-B.D
Lims ID: 810-164749-A-5-B
Client ID: BPOW6-2-20250916
Sample Type: Client
Inject. Date: 23-Sep-2025 01:28:19 ALS Bottle#: 27 Worklist Smp#: 26
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 810-0041695-026
Misc. Info.: 810-164749-A-5-B
Operator ID: TD Instrument ID: GCMS-DM
Raw Data: Smoothed
Method: \\ChromFS\Southbend\ChromData\GCMS-DM\20250922-41695.b\522_GCMS-DM.m
Limit Group: MSS - 522
Last Update: 23-Sep-2025 11:37:41 Calib Date: 11-Sep-2025 14:54:49
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250910-41284.b\100.D
Column 1 : CP Select 624 MS (0.25 mm) Det: MS Quad
Process Host: CTX1725

First Level Reviewer: D5UB

Date: 23-Sep-2025 11:24:42

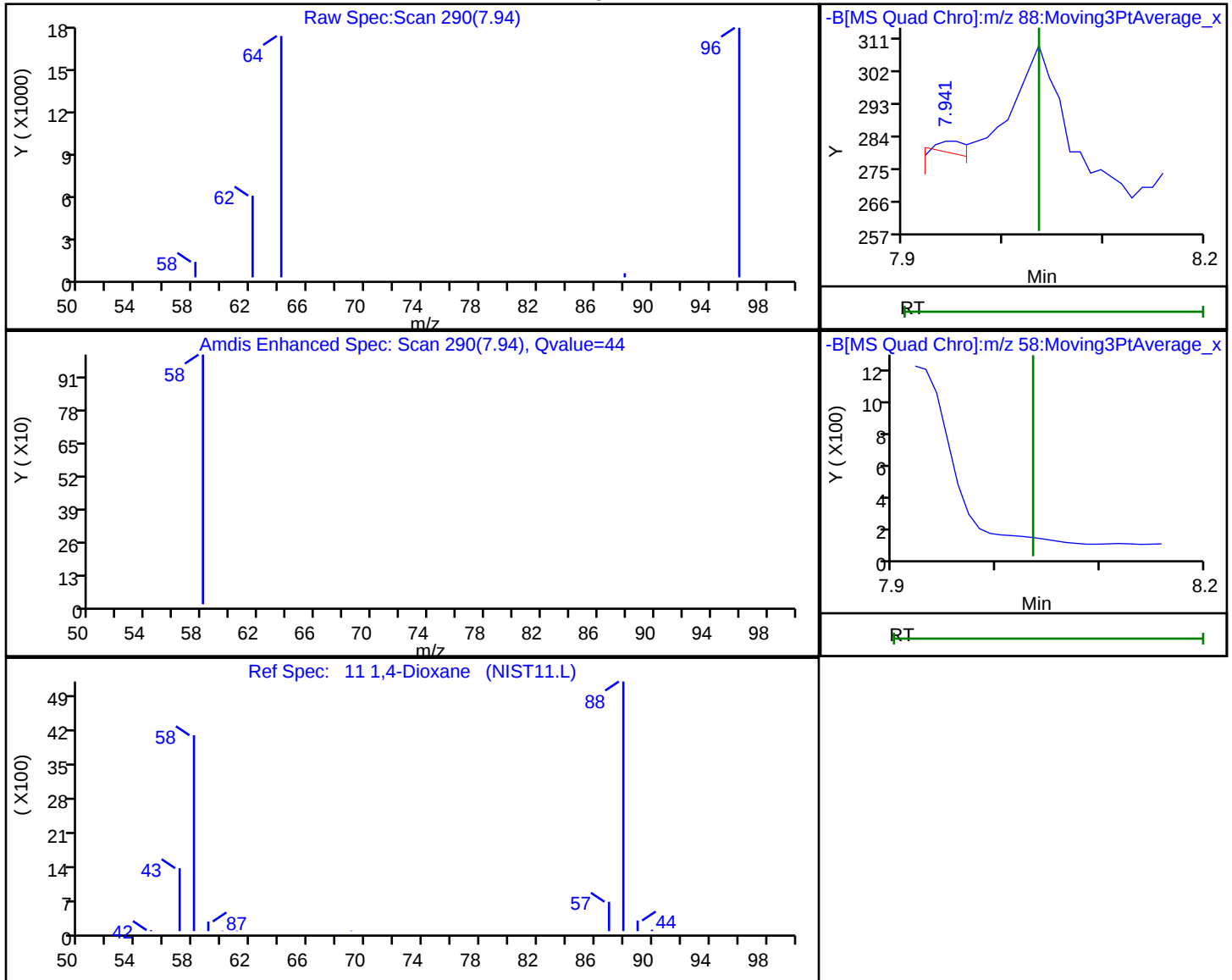
Compound	Amount Added	Amount Recovered	% Rec.
\$ 9 1,4-Dioxane-d8 (Surr)	500.0	464.9	92.99

Eurofins Eaton Analytical South Bend

Data File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250922-41695.b\810-164749-A-5-B.D
Injection Date: 23-Sep-2025 01:28:19 Instrument ID: GCMS-DM
Lims ID: 810-164749-A-5-B Lab Sample ID: 810-164749-5
Client ID: BPOW6-2-20250916
Operator ID: TD ALS Bottle#: 27 Worklist Smp#: 26
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 522_GCMS-DM Limit Group: MSS - 522
Column: CP Select 624 MS (0.25 mm) Detector MS Quad

11 1,4-Dioxane, CAS: 123-91-1

Processing Results



RT	Mass	Response	Amount
7.94	88.00	7	0.201207
7.93	58.00	4358	

Reviewer: D5UB, 23-Sep-2025 11:24:38 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Eaton Analytical South <u>Bend</u>	Job No.: <u>810-164749-1</u>
SDG No.: _____	
Client Sample ID: <u>BPOW6-10-20250916</u>	Lab Sample ID: <u>810-164749-6</u>
Matrix: <u>Drinking Water</u>	Lab File ID: <u>810-164749-A-6-B.D</u>
Analysis Method: <u>522</u>	Date Collected: <u>09/16/2025 13:10</u>
Extract. Method: <u>522</u>	Date Extracted: <u>09/25/2025 09:31</u>
Sample wt/vol: <u>100 (mL)</u>	Date Analyzed: <u>09/29/2025 10:31</u>
Con. Extract Vol.: <u>2 (mL)</u>	Dilution Factor: <u>1</u>
Injection Volume: <u>1 (uL)</u>	GC Column: <u>CPSelect 624 MS ID: 0.25 (mm)</u>
% Moisture: _____ % Solids: _____	GPC Cleanup: (Y/N) <u>N</u>
Cleanup Factor: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>161930</u>	Units: <u>ug/L</u>
Preparation Batch No.: <u>161820</u>	Instrument ID: <u>GCMS-DM</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
123-91-1	1,4-Dioxane	<0.062		0.070	0.062

CAS NO.	SURROGATE	%REC	Q	LIMITS
17647-74-4	1,4-Dioxane-d8 (Surr)	91		70-130

Eurofins Eaton Analytical South Bend
Target Compound Quantitation Report

Data File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250925-41860.b\810-164749-A-6-B.D
Lims ID: 810-164749-A-6-B
Client ID: BPOW6-10-20250916
Sample Type: Client
Inject. Date: 29-Sep-2025 10:31:08 ALS Bottle#: 47 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 810-0041860-005
Misc. Info.: 810-164749-A-6-B
Operator ID: TD Instrument ID: GCMS-DM
Raw Data: Smoothed
Method: \\ChromFS\Southbend\ChromData\GCMS-DM\20250925-41860.b\522_GCMS-DM.m
Limit Group: MSS - 522
Last Update: 30-Sep-2025 12:04:23 Calib Date: 26-Sep-2025 12:59:32
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250925-41857.b\IC11.D
Column 1 : CP Select 624 MS (0.25 mm) Det: MS Quad
Process Host: CTX1664

First Level Reviewer: JH8B

Date: 30-Sep-2025 12:04:23

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 5 Tetrahydrofuran-d8	46	5.854	5.846	0.008	25	91593	500.0	
\$ 9 1,4-Dioxane-d8 (Surr)	96	7.952	7.952	0.000	0	63788	452.9	
11 1,4-Dioxane	88		8.024				ND	MU

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

U - Marked Undetected

Reagents:

O-522BFBSUB_00029

Amount Added: 1.00

Units: mL

Run Reagent

Eurofins Eaton Analytical South Bend

Data File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250925-41860.b\810-164749-A-6-B.D

Injection Date: 29-Sep-2025 10:31:08

Instrument ID: GCMS-DM

Lims ID: 810-164749-A-6-B

Lab Sample ID: 810-164749-6

Client ID: BPOW6-10-20250916

Operator ID: TD

ALS Bottle#: 47

Worklist Smp#: 5

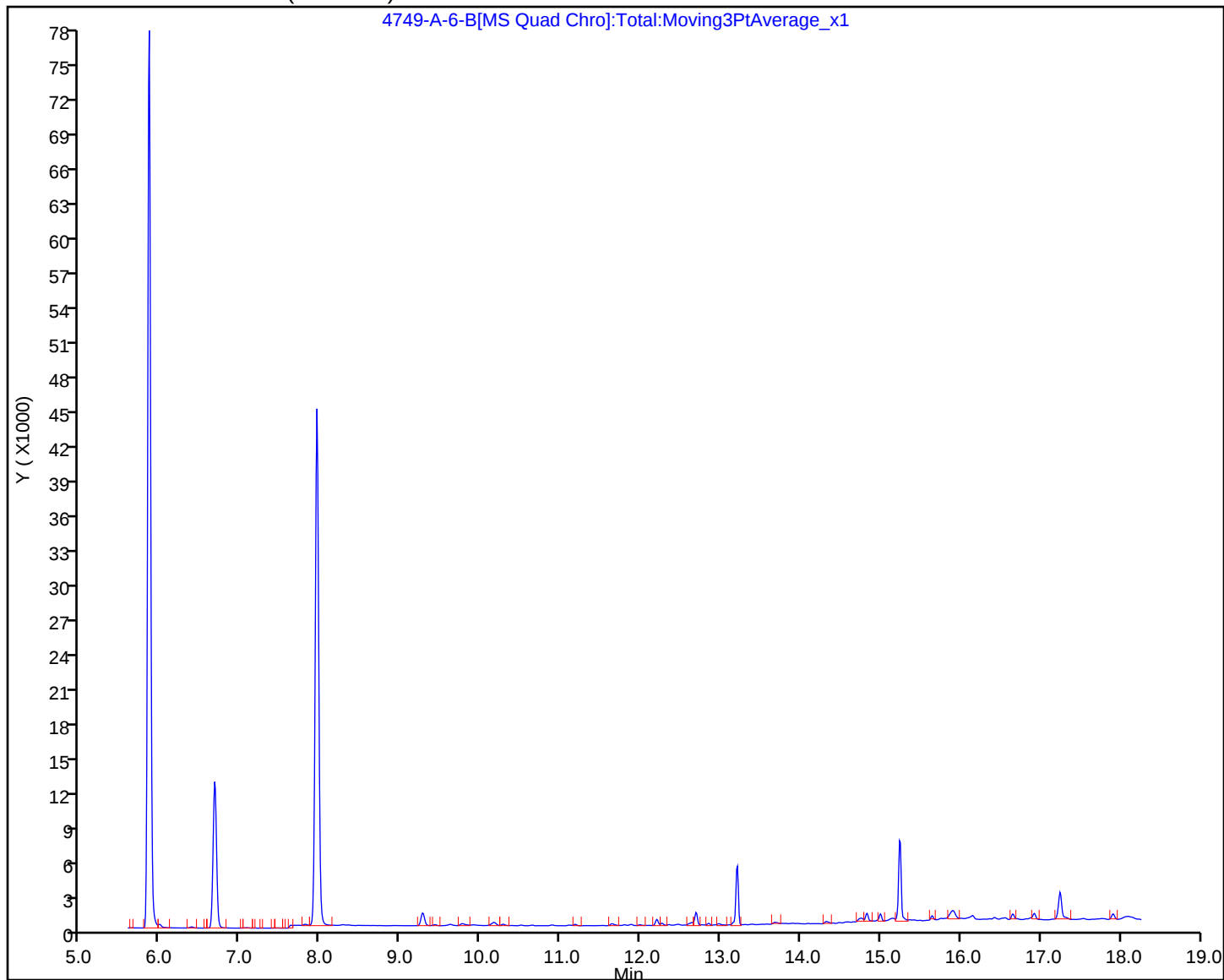
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: 522_GCMS-DM

Limit Group: MSS - 522

Column: CP Select 624 MS (0.25 mm)



Eurofins Eaton Analytical South Bend
Recovery Report

Data File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250925-41860.b\810-164749-A-6-B.D
Lims ID: 810-164749-A-6-B
Client ID: BPOW6-10-20250916
Sample Type: Client
Inject. Date: 29-Sep-2025 10:31:08 ALS Bottle#: 47 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 810-0041860-005
Misc. Info.: 810-164749-A-6-B
Operator ID: TD Instrument ID: GCMS-DM
Raw Data: Smoothed
Method: \\ChromFS\Southbend\ChromData\GCMS-DM\20250925-41860.b\522_GCMS-DM.m
Limit Group: MSS - 522
Last Update: 30-Sep-2025 12:04:23 Calib Date: 26-Sep-2025 12:59:32
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250925-41857.b\IC11.D
Column 1 : CP Select 624 MS (0.25 mm) Det: MS Quad
Process Host: CTX1664

First Level Reviewer: JH8B

Date: 30-Sep-2025 12:04:23

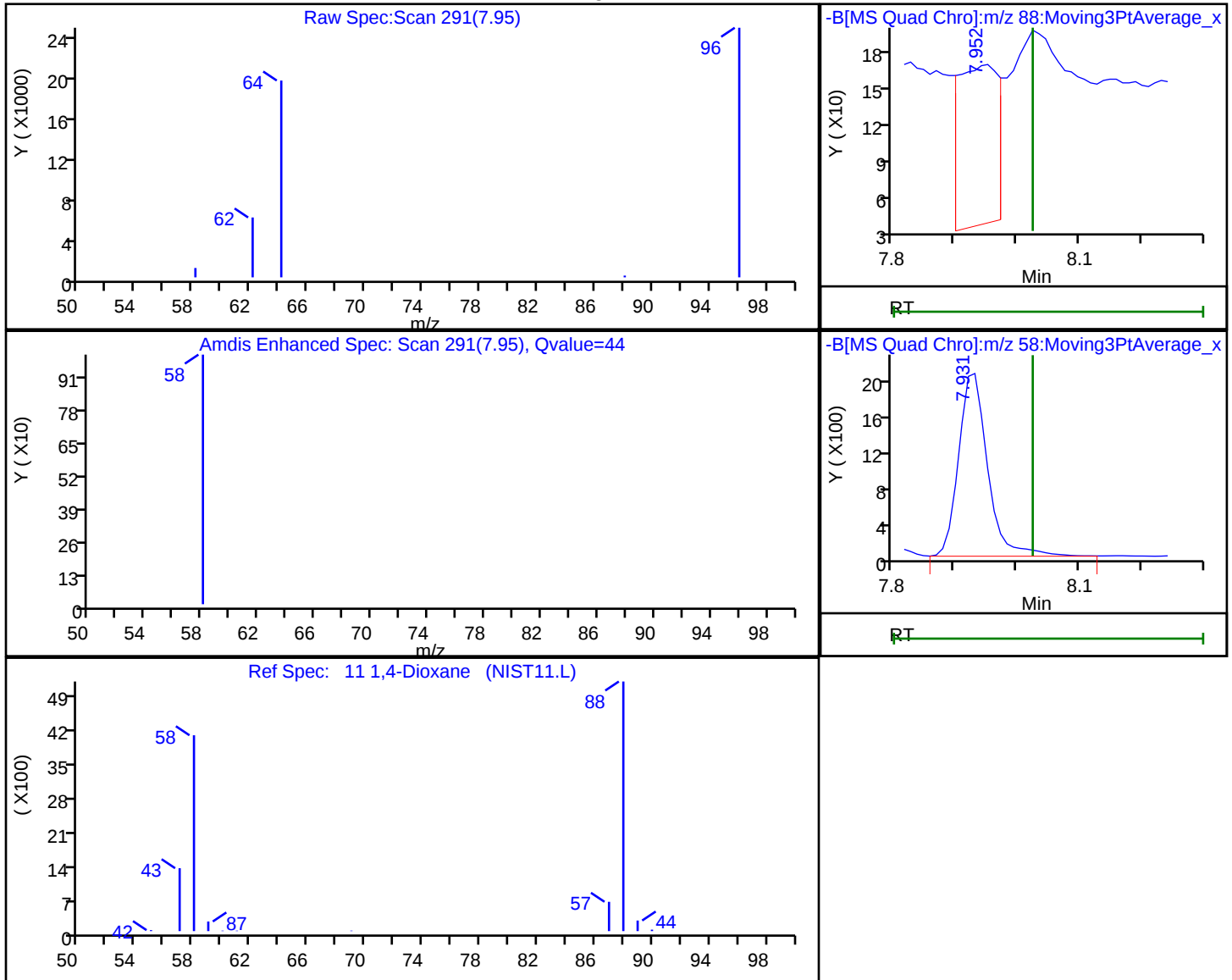
Compound	Amount Added	Amount Recovered	% Rec.
\$ 9 1,4-Dioxane-d8 (Surr)	500.0	452.9	90.58

Eurofins Eaton Analytical South Bend

Data File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250925-41860.b\810-164749-A-6-B.D
Injection Date: 29-Sep-2025 10:31:08 Instrument ID: GCMS-DM
Lims ID: 810-164749-A-6-B Lab Sample ID: 810-164749-6
Client ID: BPOW6-10-20250916
Operator ID: TD ALS Bottle#: 47 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 522_GCMS-DM Limit Group: MSS - 522
Column: CP Select 624 MS (0.25 mm) Detector MS Quad

11 1,4-Dioxane, CAS: 123-91-1

Processing Results



RT	Mass	Response	Amount
7.95	88.00	626	4.549269
7.93	58.00	6428	

Reviewer: JH8B, 30-Sep-2025 12:04:14 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Eaton Analytical South Bend Job No.: 810-164749-1

SDG No.: _____

Client Sample ID: BPOW6-11-20250916 Lab Sample ID: 810-164749-7

Matrix: Drinking Water Lab File ID: 810-164749-A-7-C.D

Analysis Method: 522 Date Collected: 09/16/2025 10:15

Extract. Method: 522 Date Extracted: 10/02/2025 10:13

Sample wt/vol: 100 (mL) Date Analyzed: 10/02/2025 19:05

Con. Extract Vol.: 2 (mL) Dilution Factor: 1

Injection Volume: 1 (uL) GC Column: CPSelect 624 MS ID: 0.25 (mm)

% Moisture: _____ % Solids: _____ GPC Cleanup: (Y/N) N

Cleanup Factor: _____ Level: (low/med) Low

Analysis Batch No.: 162989 Units: ug/L

Preparation Batch No.: 162945 Instrument ID: GCMS-FE

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
123-91-1	1,4-Dioxane	<0.062		0.070	0.062

CAS NO.	SURROGATE	%REC	Q	LIMITS
17647-74-4	1,4-Dioxane-d8 (Surr)	96		70-130

Eurofins Eaton Analytical South Bend
Target Compound Quantitation Report

Data File: \\ChromFS\Southbend\ChromData\GCMS-FE\20251002-42135.b\810-164749-A-7-C.D
Lims ID: 810-164749-A-7-C
Client ID: BPOW6-11-20250916
Sample Type: Client
Inject. Date: 02-Oct-2025 19:05:01 ALS Bottle#: 7 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 810-0042135-006
Misc. Info.: 810-164749-A-7-C
Operator ID: BC Instrument ID: GCMS-FE
Raw Data: Smoothed
Method: \\ChromFS\Southbend\ChromData\GCMS-FE\20251002-42135.b\522_GCMS-FE.m
Limit Group: MSS - 522
Last Update: 03-Oct-2025 10:58:50 Calib Date: 26-Sep-2025 19:42:21
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromFS\Southbend\ChromData\GCMS-FE\20250926-41908.b\IC100.D
Column 1 : CP Select 624 MS (0.25 mm) Det: MS Quad
Process Host: CTX1653

First Level Reviewer: JH8B

Date: 03-Oct-2025 09:53:04

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 5 Tetrahydrofuran-d8	46	6.488	6.488	0.000	26	57579	500.0	
\$ 9 1,4-Dioxane-d8 (Surr)	96	8.632	8.632	0.000	95	37824	482.4	
11 1,4-Dioxane	88		8.705				ND	MU

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

U - Marked Undetected

Eurofins Eaton Analytical South Bend

Data File: \\ChromFS\Southbend\ChromData\GCMS-FE\20251002-42135.b\810-164749-A-7-C.D

Injection Date: 02-Oct-2025 19:05:01

Instrument ID: GCMS-FE

Lims ID: 810-164749-A-7-C

Lab Sample ID: 810-164749-7

Client ID: BPOW6-11-20250916

Operator ID: BC

ALS Bottle#: 7

Worklist Smp#: 6

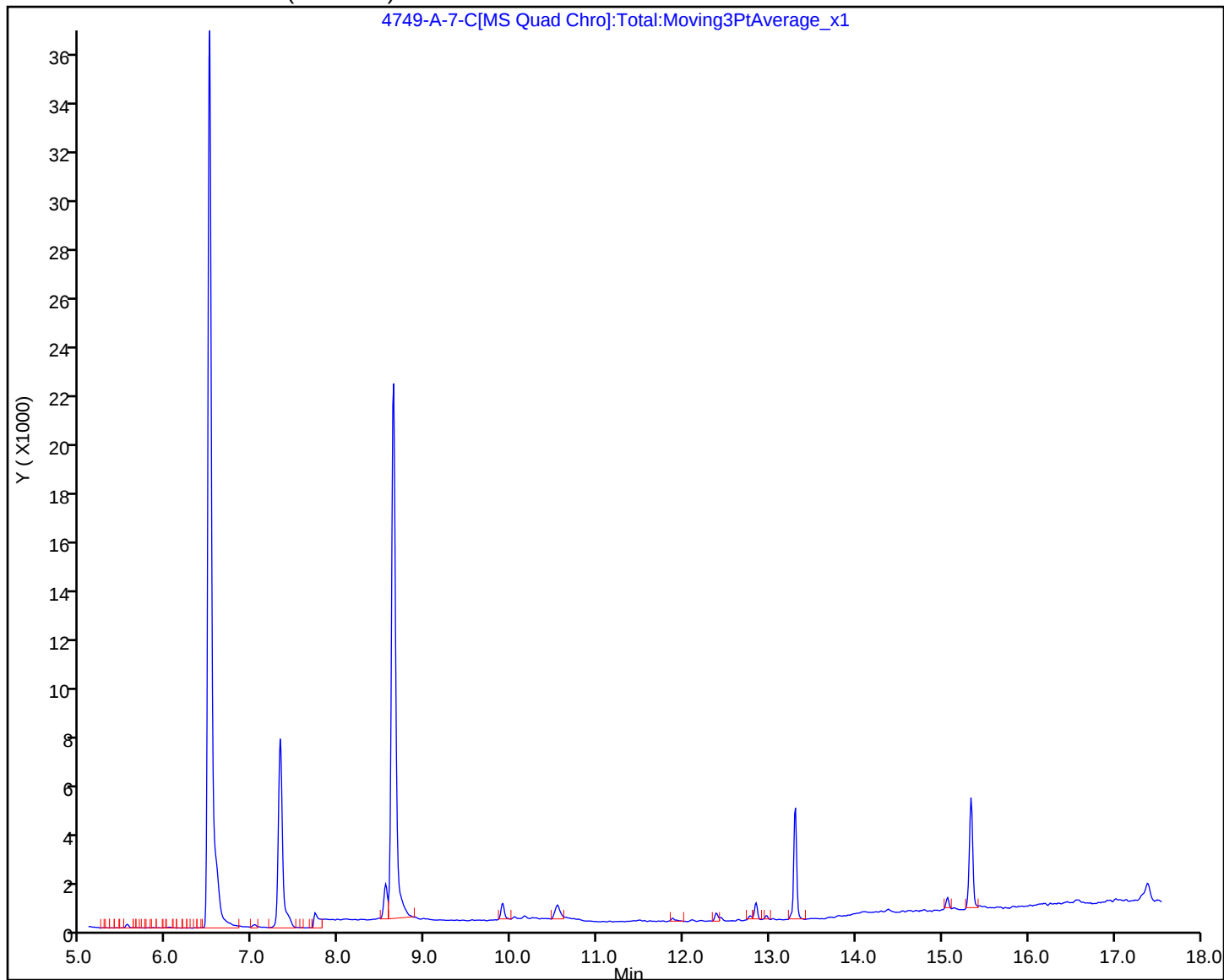
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: 522_GCMS-FE

Limit Group: MSS - 522

Column: CP Select 624 MS (0.25 mm)



Eurofins Eaton Analytical South Bend
Recovery Report

Data File: \\ChromFS\Southbend\ChromData\GCMS-FE\20251002-42135.b\810-164749-A-7-C.D
Lims ID: 810-164749-A-7-C
Client ID: BPOW6-11-20250916
Sample Type: Client
Inject. Date: 02-Oct-2025 19:05:01 ALS Bottle#: 7 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 810-0042135-006
Misc. Info.: 810-164749-A-7-C
Operator ID: BC Instrument ID: GCMS-FE
Raw Data: Smoothed
Method: \\ChromFS\Southbend\ChromData\GCMS-FE\20251002-42135.b\522_GCMS-FE.m
Limit Group: MSS - 522
Last Update: 03-Oct-2025 10:58:50 Calib Date: 26-Sep-2025 19:42:21
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromFS\Southbend\ChromData\GCMS-FE\20250926-41908.b\IC100.D
Column 1 : CP Select 624 MS (0.25 mm) Det: MS Quad
Process Host: CTX1653

First Level Reviewer: JH8B

Date: 03-Oct-2025 09:53:04

Compound	Amount Added	Amount Recovered	% Rec.
\$ 9 1,4-Dioxane-d8 (Surr)	500.0	482.4	96.48

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Eaton Analytical South Bend Job No.: 810-164749-1

SDG No.: _____

Client Sample ID: BPOW6-8-20250916 Lab Sample ID: 810-164749-8

Matrix: Drinking Water Lab File ID: 810-164749-A-8-B.D

Analysis Method: 522 Date Collected: 09/16/2025 10:05

Extract. Method: 522 Date Extracted: 10/02/2025 10:13

Sample wt/vol: 100 (mL) Date Analyzed: 10/02/2025 19:26

Con. Extract Vol.: 2 (mL) Dilution Factor: 1

Injection Volume: 1 (uL) GC Column: CPSelect 624 MS ID: 0.25 (mm)

% Moisture: _____ % Solids: _____ GPC Cleanup: (Y/N) N

Cleanup Factor: _____ Level: (low/med) Low

Analysis Batch No.: 162989 Units: ug/L

Preparation Batch No.: 162945 Instrument ID: GCMS-FE

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
123-91-1	1,4-Dioxane	<0.062		0.070	0.062

CAS NO.	SURROGATE	%REC	Q	LIMITS
17647-74-4	1,4-Dioxane-d8 (Surr)	97		70-130

Eurofins Eaton Analytical South Bend
Target Compound Quantitation Report

Data File: \\ChromFS\Southbend\ChromData\GCMS-FE\20251002-42135.b\810-164749-A-8-B.D
 Lims ID: 810-164749-A-8-B
 Client ID: BPOW6-8-20250916
 Sample Type: Client
 Inject. Date: 02-Oct-2025 19:26:37 ALS Bottle#: 8 Worklist Smp#: 7
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 810-0042135-007
 Misc. Info.: 810-164749-A-8-B
 Operator ID: BC Instrument ID: GCMS-FE
 Raw Data: Smoothed
 Method: \\ChromFS\Southbend\ChromData\GCMS-FE\20251002-42135.b\522_GCMS-FE.m
 Limit Group: MSS - 522
 Last Update: 03-Oct-2025 10:58:50 Calib Date: 26-Sep-2025 19:42:21
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromFS\Southbend\ChromData\GCMS-FE\20250926-41908.b\IC100.D
 Column 1 : CP Select 624 MS (0.25 mm) Det: MS Quad
 Process Host: CTX1653

First Level Reviewer: JH8B

Date: 03-Oct-2025 09:53:28

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 5 Tetrahydrofuran-d8	46	6.495	6.488	0.007	26	59969	500.0	
\$ 9 1,4-Dioxane-d8 (Surr)	96	8.632	8.632	0.000	96	39482	483.5	
11 1,4-Dioxane	88		8.705				ND	MU

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

U - Marked Undetected

Eurofins Eaton Analytical South Bend

Data File: \\ChromFS\Southbend\ChromData\GCMS-FE\20251002-42135.b\810-164749-A-8-B.D

Injection Date: 02-Oct-2025 19:26:37

Instrument ID: GCMS-FE

Lims ID: 810-164749-A-8-B

Lab Sample ID: 810-164749-8

Client ID: BPOW6-8-20250916

Operator ID: BC

ALS Bottle#: 8

Worklist Smp#: 7

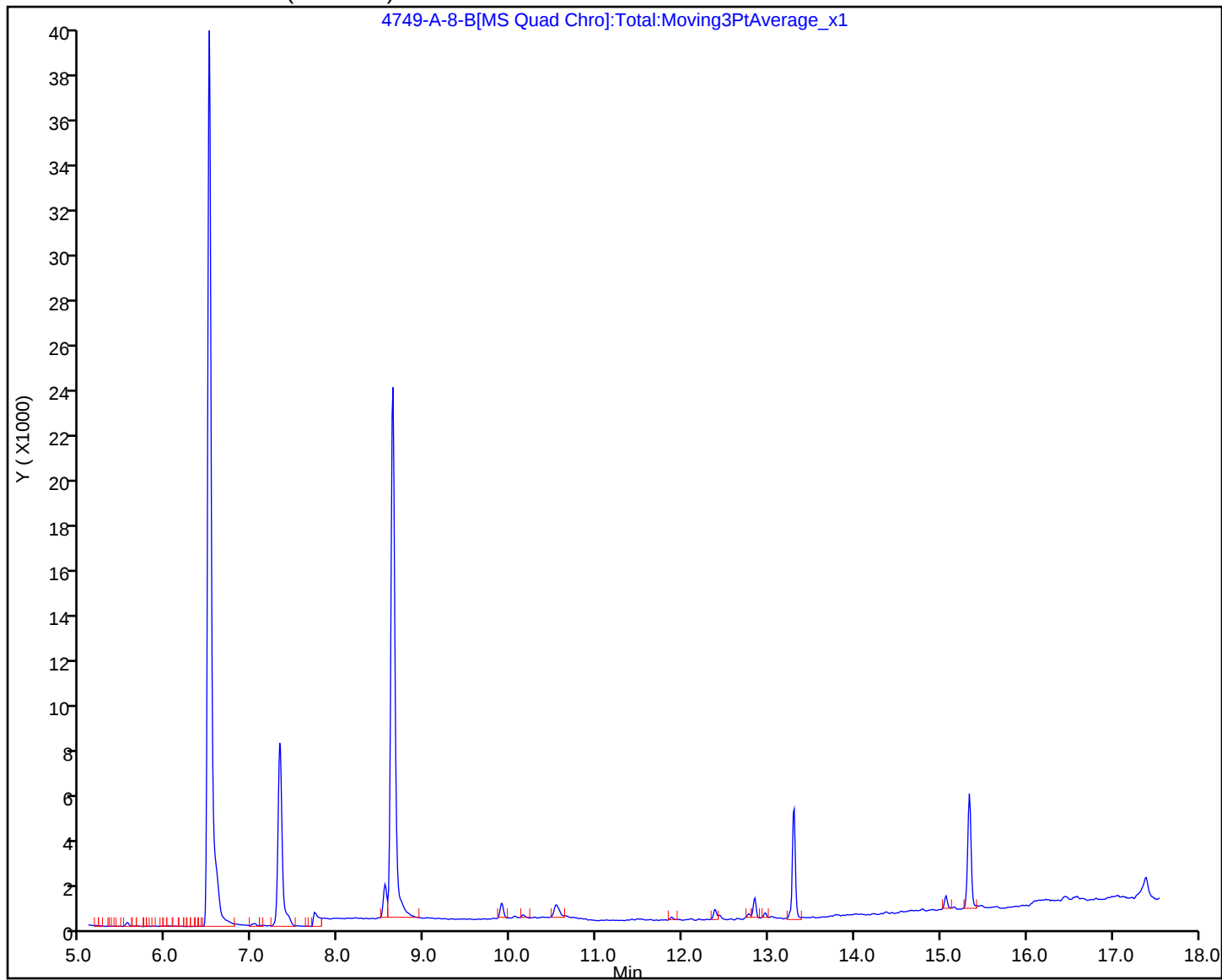
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: 522_GCMS-FE

Limit Group: MSS - 522

Column: CP Select 624 MS (0.25 mm)



Eurofins Eaton Analytical South Bend
Recovery Report

Data File: \\ChromFS\Southbend\ChromData\GCMS-FE\20251002-42135.b\810-164749-A-8-B.D
Lims ID: 810-164749-A-8-B
Client ID: BPOW6-8-20250916
Sample Type: Client
Inject. Date: 02-Oct-2025 19:26:37 ALS Bottle#: 8 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 810-0042135-007
Misc. Info.: 810-164749-A-8-B
Operator ID: BC Instrument ID: GCMS-FE
Raw Data: Smoothed
Method: \\ChromFS\Southbend\ChromData\GCMS-FE\20251002-42135.b\522_GCMS-FE.m
Limit Group: MSS - 522
Last Update: 03-Oct-2025 10:58:50 Calib Date: 26-Sep-2025 19:42:21
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromFS\Southbend\ChromData\GCMS-FE\20250926-41908.b\IC100.D
Column 1 : CP Select 624 MS (0.25 mm) Det: MS Quad
Process Host: CTX1653

First Level Reviewer: JH8B

Date: 03-Oct-2025 09:53:28

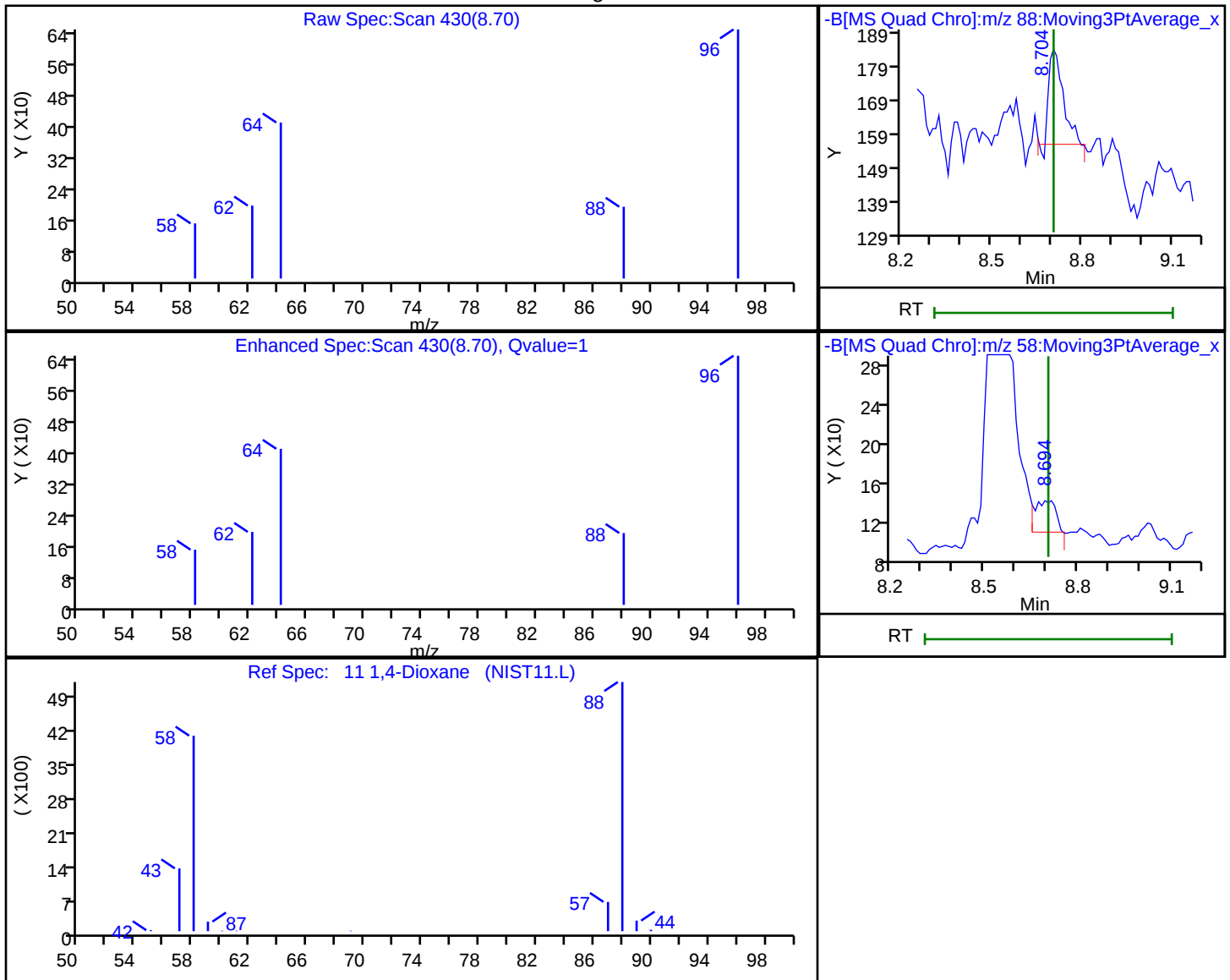
Compound	Amount Added	Amount Recovered	% Rec.
\$ 9 1,4-Dioxane-d8 (Surr)	500.0	483.5	96.69

Eurofins Eaton Analytical South Bend

Data File: \\ChromFS\Southbend\ChromData\GCMS-FE\20251002-42135.b\810-164749-A-8-B.D
Injection Date: 02-Oct-2025 19:26:37 Instrument ID: GCMS-FE
Lims ID: 810-164749-A-8-B Lab Sample ID: 810-164749-8
Client ID: BPOW6-8-20250916
Operator ID: BC ALS Bottle#: 8 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 522_GCMS-FE Limit Group: MSS - 522
Column: CP Select 624 MS (0.25 mm) Detector MS Quad

11 1,4-Dioxane, CAS: 123-91-1

Processing Results



RT	Mass	Response	Amount
8.70	88.00	97	1.944888
8.69	58.00	154	

Reviewer: JH8B, 03-Oct-2025 09:53:28 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Eaton Analytical South Bend	Job No.: 810-164749-1
SDG No.:	
Client Sample ID: BPOW6-7-20250917	Lab Sample ID: 810-164749-9
Matrix: Drinking Water	Lab File ID: 810-164749-A-9-A.D
Analysis Method: 522	Date Collected: 09/17/2025 09:50
Extract. Method: 522	Date Extracted: 09/25/2025 09:31
Sample wt/vol: 100 (mL)	Date Analyzed: 10/02/2025 02:29
Con. Extract Vol.: 2 (mL)	Dilution Factor: 1
Injection Volume: 1 (uL)	GC Column: CPSelect 624 MS ID: 0.25 (mm)
% Moisture: % Solids:	GPC Cleanup: (Y/N) N
Cleanup Factor:	Level: (low/med) Low
Analysis Batch No.: 162812	Units: ug/L
Preparation Batch No.: 161820	Instrument ID: GCMS-FE

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
123-91-1	1,4-Dioxane	<0.062		0.070	0.062

CAS NO.	SURROGATE	%REC	Q	LIMITS
17647-74-4	1,4-Dioxane-d8 (Surr)	74		70-130

Eurofins Eaton Analytical South Bend
Target Compound Quantitation Report

Data File: \\ChromFS\Southbend\ChromData\GCMS-FE\20251001-42086.b\810-164749-A-9-A.D
Lims ID: 810-164749-A-9-A
Client ID: BPOW6-7-20250917
Sample Type: Client
Inject. Date: 02-Oct-2025 02:29:35 ALS Bottle#: 31 Worklist Smp#: 30
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 810-0042086-030
Misc. Info.: 810-164749-A-9-A
Operator ID: BC Instrument ID: GCMS-FE
Raw Data: Smoothed
Method: \\ChromFS\Southbend\ChromData\GCMS-FE\20251001-42086.b\522_GCMS-FE.m
Limit Group: MSS - 522
Last Update: 02-Oct-2025 06:42:43 Calib Date: 26-Sep-2025 19:42:21
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromFS\Southbend\ChromData\GCMS-FE\20250926-41908.b\IC100.D
Column 1 : CP Select 624 MS (0.25 mm) Det: MS Quad
Process Host: CTX1643

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 5 Tetrahydrofuran-d8	46	6.495	6.488	0.007	26	72061	500.0	
\$ 9 1,4-Dioxane-d8 (Surr)	96	8.632	8.632	0.000	95	36371	370.6	
11 1,4-Dioxane	88		8.705				ND	

Eurofins Eaton Analytical South Bend

Data File: \\ChromFS\Southbend\ChromData\GCMS-FE\20251001-42086.b\810-164749-A-9-A.D

Injection Date: 02-Oct-2025 02:29:35

Instrument ID: GCMS-FE

Lims ID: 810-164749-A-9-A

Lab Sample ID: 810-164749-9

Client ID: BPOW6-7-20250917

Operator ID: BC

ALS Bottle#: 31

Worklist Smp#: 30

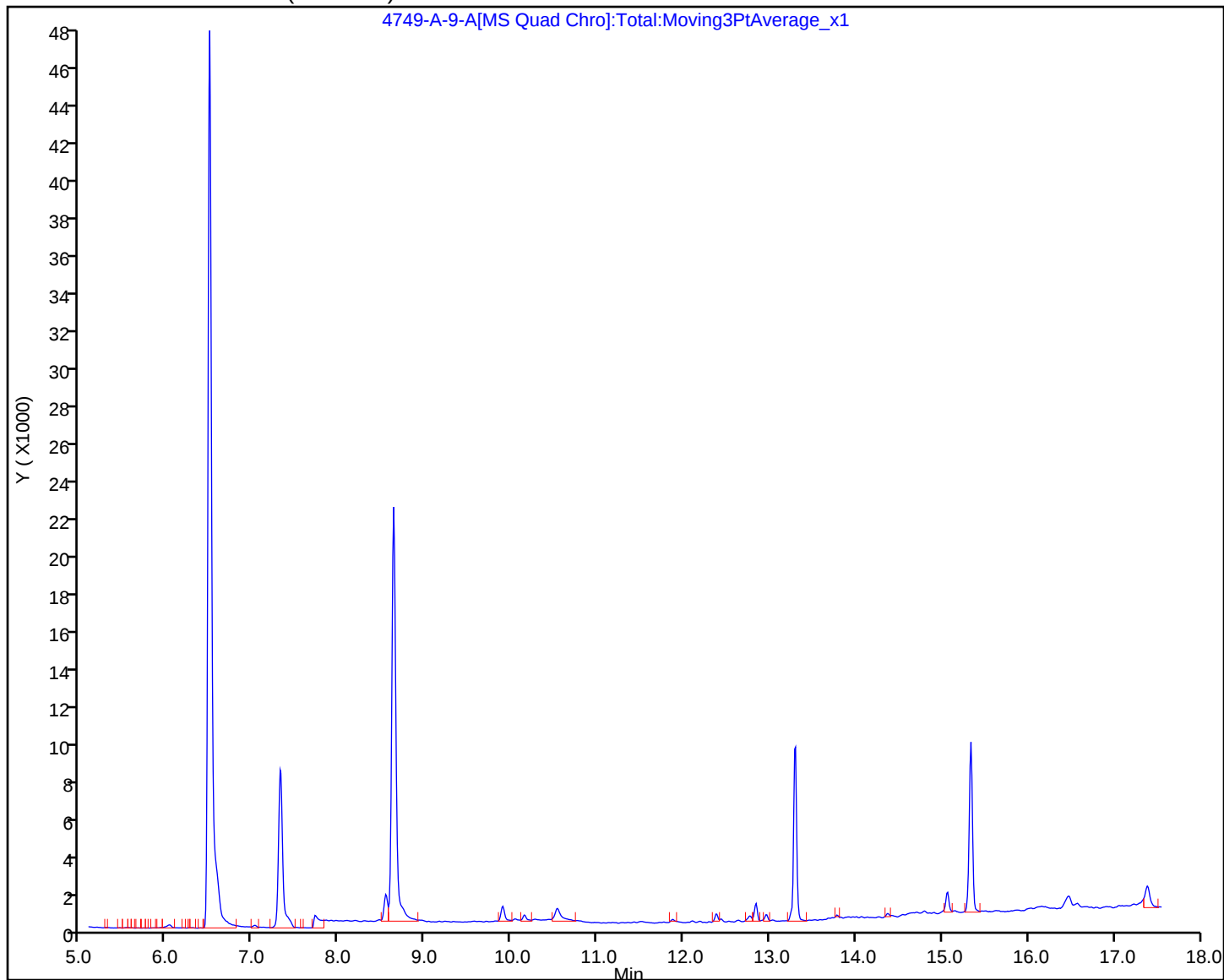
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: 522_GCMS-FE

Limit Group: MSS - 522

Column: CP Select 624 MS (0.25 mm)



Eurofins Eaton Analytical South Bend
Recovery Report

Data File: \\ChromFS\Southbend\ChromData\GCMS-FE\20251001-42086.b\810-164749-A-9-A.D
Lims ID: 810-164749-A-9-A
Client ID: BPOW6-7-20250917
Sample Type: Client
Inject. Date: 02-Oct-2025 02:29:35 ALS Bottle#: 31 Worklist Smp#: 30
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 810-0042086-030
Misc. Info.: 810-164749-A-9-A
Operator ID: BC Instrument ID: GCMS-FE
Raw Data: Smoothed
Method: \\ChromFS\Southbend\ChromData\GCMS-FE\20251001-42086.b\522_GCMS-FE.m
Limit Group: MSS - 522
Last Update: 02-Oct-2025 06:42:43 Calib Date: 26-Sep-2025 19:42:21
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromFS\Southbend\ChromData\GCMS-FE\20250926-41908.b\IC100.D
Column 1 : CP Select 624 MS (0.25 mm) Det: MS Quad
Process Host: CTX1643

Compound	Amount Added	Amount Recovered	% Rec.
\$ 9 1,4-Dioxane-d8 (Surr)	500.0	370.6	74.13

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Eaton Analytical South Bend Job No.: 810-164749-1

SDG No.:

Client Sample ID: BPOW6-6-20250917 Lab Sample ID: 810-164749-10

Matrix: Drinking Water Lab File ID: 810-164749-A-10-A.D

Analysis Method: 522 Date Collected: 09/17/2025 10:35

Extract. Method: 522 Date Extracted: 09/25/2025 09:31

Sample wt/vol: 100 (mL) Date Analyzed: 09/29/2025 12:11

Con. Extract Vol.: 2 (mL) Dilution Factor: 1

Injection Volume: 1 (uL) GC Column: CPSelect 624 MS ID: 0.25 (mm)

% Moisture: % Solids: GPC Cleanup: (Y/N) N

Cleanup Factor: Level: (low/med) Low

Analysis Batch No.: 161930 Units: ug/L

Preparation Batch No.: 161820 Instrument ID: GCMS-DM

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
123-91-1	1,4-Dioxane	<0.062		0.070	0.062

CAS NO.	SURROGATE	%REC	Q	LIMITS
17647-74-4	1,4-Dioxane-d8 (Surr)	72		70-130

Eurofins Eaton Analytical South Bend
Target Compound Quantitation Report

Data File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250925-41860.b\810-164749-A-10-A.D
 Lims ID: 810-164749-A-10-A
 Client ID: BPOW6-6-20250917
 Sample Type: Client
 Inject. Date: 29-Sep-2025 12:11:37 ALS Bottle#: 51 Worklist Smp#: 9
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 810-0041860-009
 Misc. Info.: 810-164749-A-10-A
 Operator ID: TD Instrument ID: GCMS-DM
 Raw Data: Smoothed
 Method: \\ChromFS\Southbend\ChromData\GCMS-DM\20250925-41860.b\522_GCMS-DM.m
 Limit Group: MSS - 522
 Last Update: 30-Sep-2025 09:45:14 Calib Date: 26-Sep-2025 12:59:32
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250925-41857.b\IC11.D
 Column 1 : CP Select 624 MS (0.25 mm) Det: MS Quad
 Process Host: CTX1664

First Level Reviewer: JH8B

Date: 30-Sep-2025 09:33:08

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 5 Tetrahydrofuran-d8	46	5.846	5.846	0.000	24	93763	500.0	
\$ 9 1,4-Dioxane-d8 (Surr)	96	7.952	7.952	0.000	0	51564	357.6	
11 1,4-Dioxane	88		8.024				ND	MU

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

U - Marked Undetected

Reagents:

O-522BFBSUB_00029

Amount Added: 1.00

Units: mL

Run Reagent

Eurofins Eaton Analytical South Bend

Data File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250925-41860.b\810-164749-A-10-A.D

Injection Date: 29-Sep-2025 12:11:37

Instrument ID: GCMS-DM

Lims ID: 810-164749-A-10-A

Lab Sample ID: 810-164749-10

Client ID: BPOW6-6-20250917

Operator ID: TD

ALS Bottle#: 51

Worklist Smp#: 9

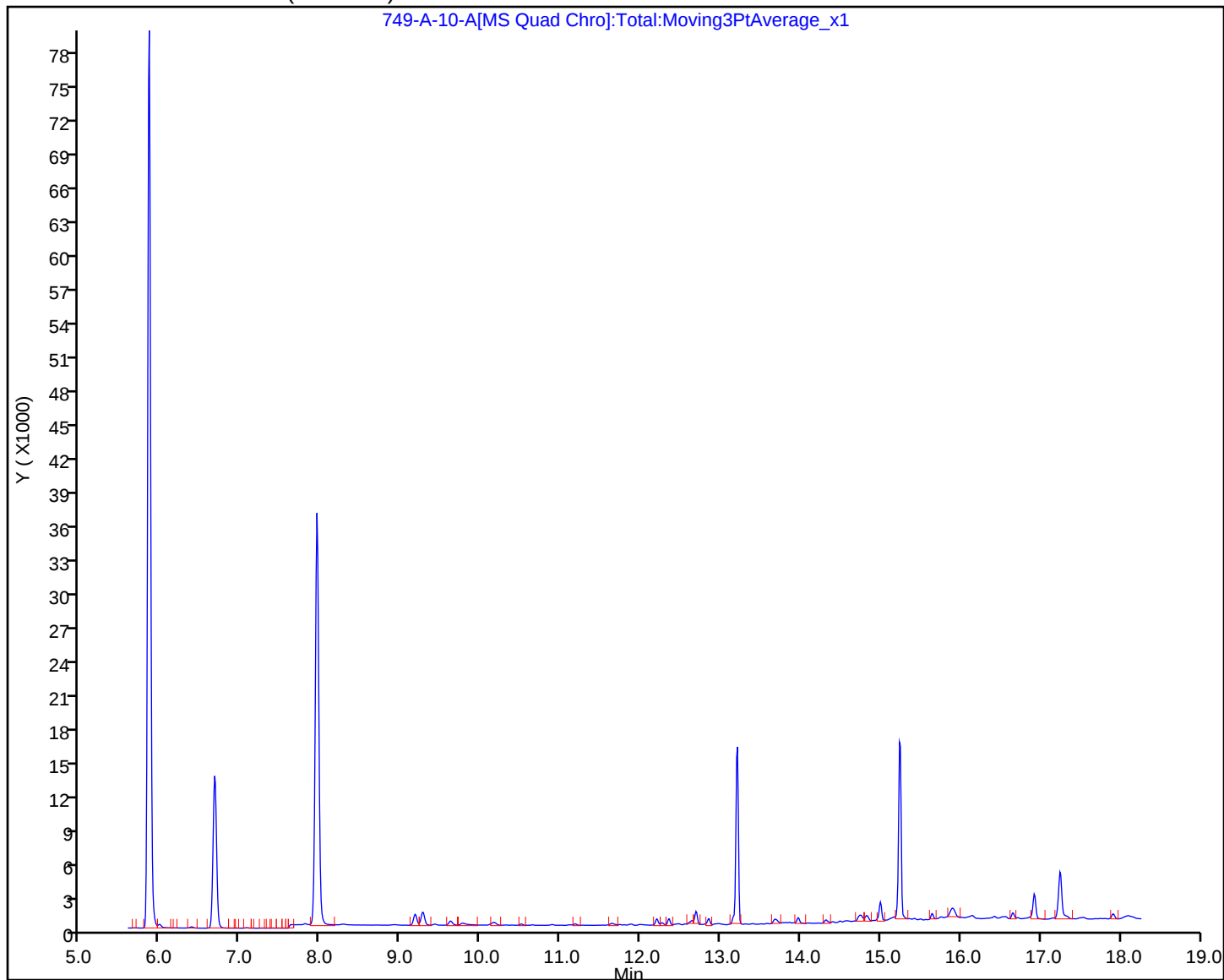
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: 522_GCMS-DM

Limit Group: MSS - 522

Column: CP Select 624 MS (0.25 mm)



Eurofins Eaton Analytical South Bend
Recovery Report

Data File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250925-41860.b\810-164749-A-10-A.D
Lims ID: 810-164749-A-10-A
Client ID: BPOW6-6-20250917
Sample Type: Client
Inject. Date: 29-Sep-2025 12:11:37 ALS Bottle#: 51 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 810-0041860-009
Misc. Info.: 810-164749-A-10-A
Operator ID: TD Instrument ID: GCMS-DM
Raw Data: Smoothed
Method: \\ChromFS\Southbend\ChromData\GCMS-DM\20250925-41860.b\522_GCMS-DM.m
Limit Group: MSS - 522
Last Update: 30-Sep-2025 09:45:14 Calib Date: 26-Sep-2025 12:59:32
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250925-41857.b\IC11.D
Column 1 : CP Select 624 MS (0.25 mm) Det: MS Quad
Process Host: CTX1664

First Level Reviewer: JH8B

Date: 30-Sep-2025 09:33:08

Compound	Amount Added	Amount Recovered	% Rec.
\$ 9 1,4-Dioxane-d8 (Surr)	500.0	357.6	71.53

Eurofins Eaton Analytical South Bend

Data File: \\ChromFS\\Southbend\\ChromData\\GCMS-DM\\20250925-41860.b\\810-164749-A-10-A.D

Injection Date: 29-Sep-2025 12:11:37

Instrument ID: GCMS-DM

Lims ID: 810-164749-A-10-A

Lab Sample ID: 810-164749-10

Client ID: BPOW6-6-20250917

Operator ID: TD

ALS Bottle#:

51

Worklist Smp#: 9

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: 522_GCMS-DM

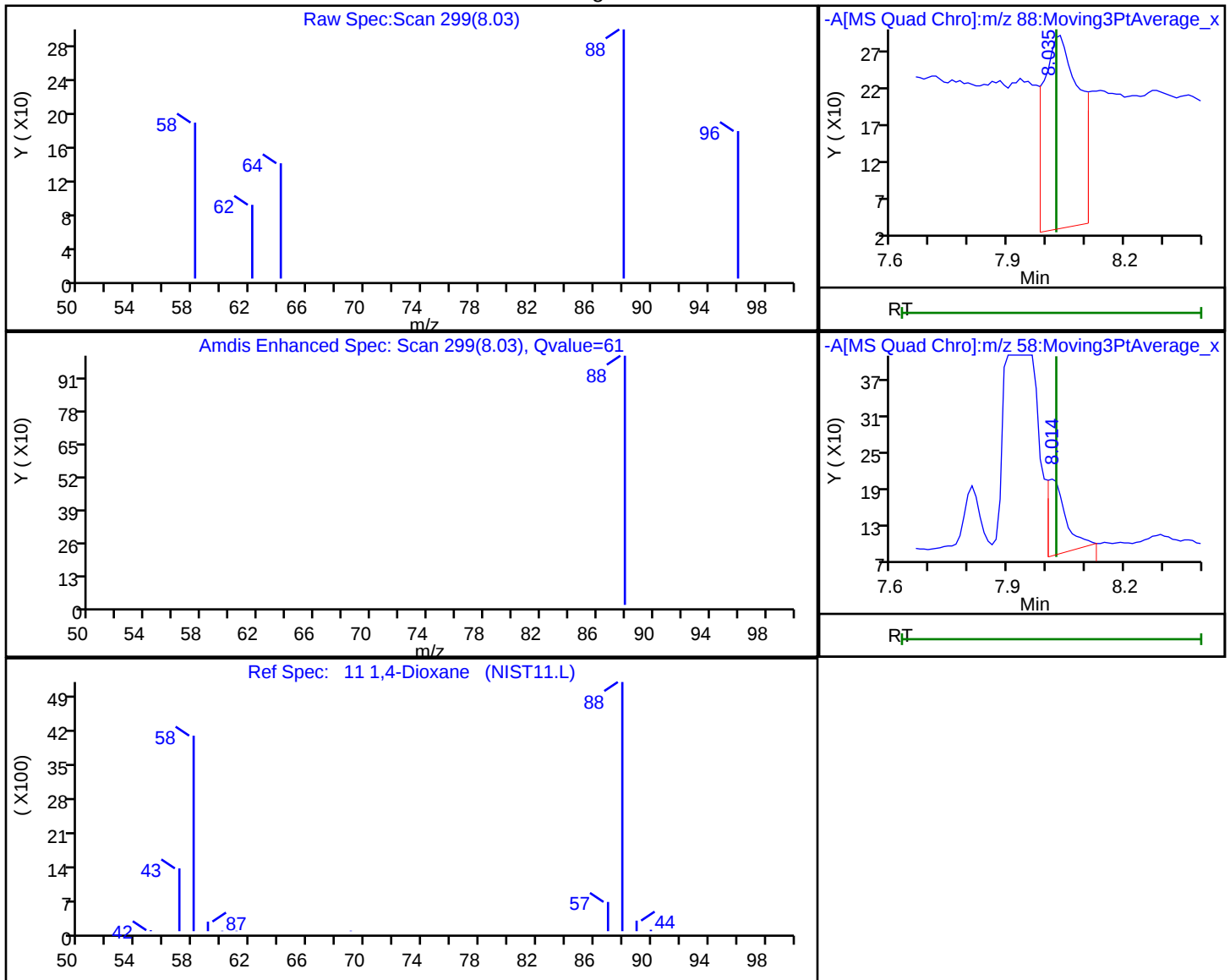
Limit Group: MSS - 522

Column: CP Select 624 MS (0.25 mm)

Detector MS Quad

11 1,4-Dioxane, CAS: 123-91-1

Processing Results



RT	Mass	Response	Amount
8.03	88.00	1698	11.646722
8.01	58.00	418	

Reviewer: JH8B, 30-Sep-2025 09:33:07 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Eaton Analytical South Bend Job No.: 810-164749-1
SDG No.:
Client Sample ID: BPOW6-5-20250917 Lab Sample ID: 810-164749-11
Matrix: Drinking Water Lab File ID: 810-164749-A-11-B.D
Analysis Method: 522 Date Collected: 09/17/2025 10:40
Extract. Method: 522 Date Extracted: 10/02/2025 10:13
Sample wt/vol: 100 (mL) Date Analyzed: 10/02/2025 19:48
Con. Extract Vol.: 2 (mL) Dilution Factor: 1
Injection Volume: 1 (uL) GC Column: CPSelect 624 MS ID: 0.25 (mm)
% Moisture: % Solids: GPC Cleanup: (Y/N) N
Cleanup Factor: Level: (low/med) Low
Analysis Batch No.: 162989 Units: ug/L
Preparation Batch No.: 162945 Instrument ID: GCMS-FE

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
123-91-1	1,4-Dioxane	0.14		0.070	0.062

CAS NO.	SURROGATE	%REC	Q	LIMITS
17647-74-4	1,4-Dioxane-d8 (Surr)	92		70-130

Eurofins Eaton Analytical South Bend
Target Compound Quantitation Report

Data File: \\ChromFS\Southbend\ChromData\GCMS-FE\20251002-42135.b\810-164749-A-11-B.D
 Lims ID: 810-164749-A-11-B
 Client ID: BPOW6-5-20250917
 Sample Type: Client
 Inject. Date: 02-Oct-2025 19:48:19 ALS Bottle#: 9 Worklist Smp#: 8
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 810-0042135-008
 Misc. Info.: 810-164749-A-11-B
 Operator ID: BC Instrument ID: GCMS-FE
 Raw Data: Smoothed
 Method: \\ChromFS\Southbend\ChromData\GCMS-FE\20251002-42135.b\522_GCMS-FE.m
 Limit Group: MSS - 522
 Last Update: 03-Oct-2025 10:58:50 Calib Date: 26-Sep-2025 19:42:21
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromFS\Southbend\ChromData\GCMS-FE\20250926-41908.b\IC100.D
 Column 1 : CP Select 624 MS (0.25 mm) Det: MS Quad
 Process Host: CTX1653

First Level Reviewer: JH8B

Date: 03-Oct-2025 09:54:26

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 5 Tetrahydrofuran-d8	46	6.487	6.488	-0.001	27	60670	500.0	
\$ 9 1,4-Dioxane-d8 (Surr)	96	8.632	8.632	0.000	95	38206	462.4	
11 1,4-Dioxane	88	8.705	8.705	0.000	78	526	6.79	M

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Eurofins Eaton Analytical South Bend

Data File: \\ChromFS\Southbend\ChromData\GCMS-FE\20251002-42135.b\810-164749-A-11-B.D

Injection Date: 02-Oct-2025 19:48:19

Instrument ID: GCMS-FE

Lims ID: 810-164749-A-11-B

Lab Sample ID: 810-164749-11

Client ID: BPOW6-5-20250917

Operator ID: BC

ALS Bottle#: 9

Worklist Smp#: 8

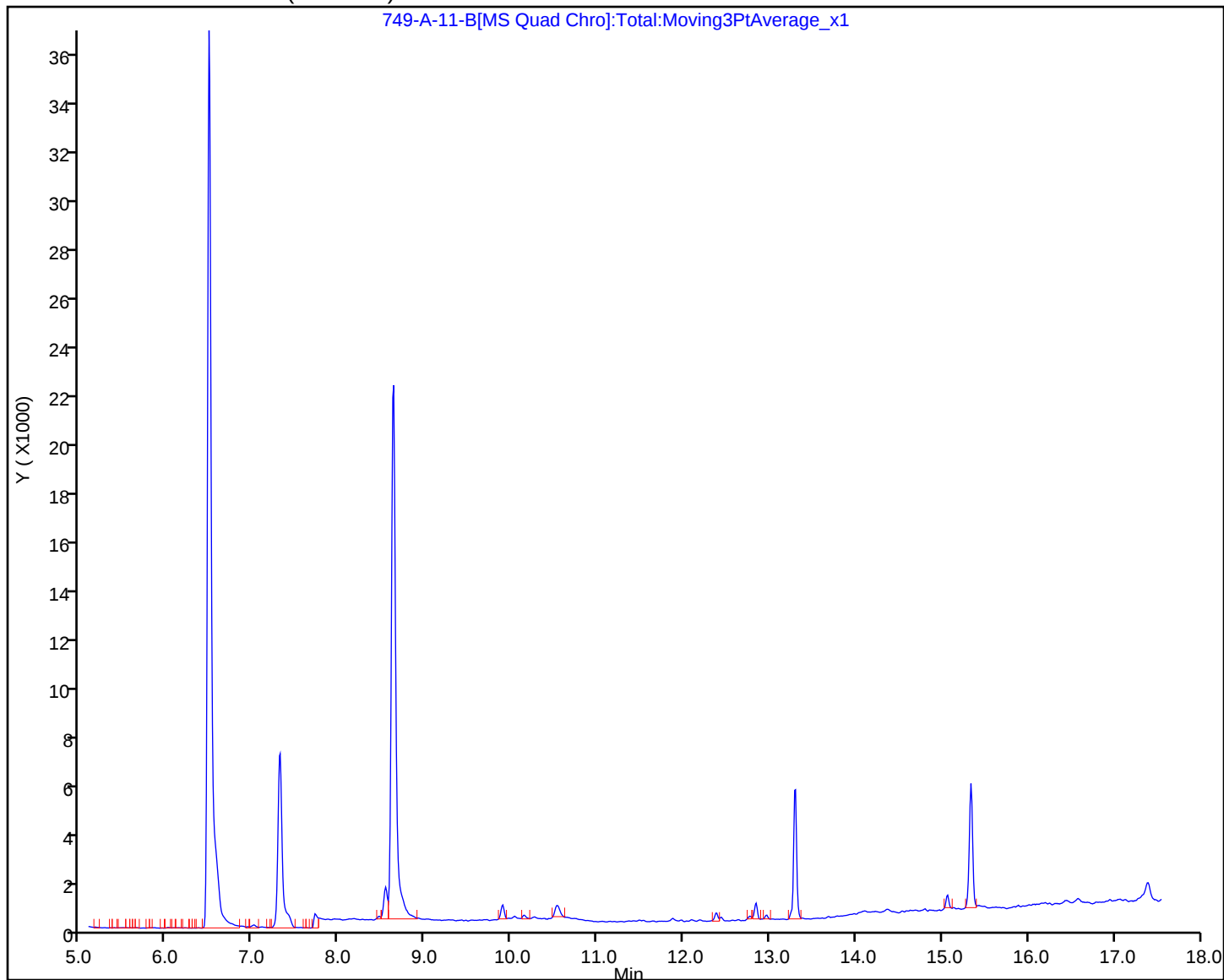
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: 522_GCMS-FE

Limit Group: MSS - 522

Column: CP Select 624 MS (0.25 mm)



Eurofins Eaton Analytical South Bend
Recovery Report

Data File: \\ChromFS\Southbend\ChromData\GCMS-FE\20251002-42135.b\810-164749-A-11-B.D
Lims ID: 810-164749-A-11-B
Client ID: BPOW6-5-20250917
Sample Type: Client
Inject. Date: 02-Oct-2025 19:48:19 ALS Bottle#: 9 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 810-0042135-008
Misc. Info.: 810-164749-A-11-B
Operator ID: BC Instrument ID: GCMS-FE
Raw Data: Smoothed
Method: \\ChromFS\Southbend\ChromData\GCMS-FE\20251002-42135.b\522_GCMS-FE.m
Limit Group: MSS - 522
Last Update: 03-Oct-2025 10:58:50 Calib Date: 26-Sep-2025 19:42:21
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromFS\Southbend\ChromData\GCMS-FE\20250926-41908.b\IC100.D
Column 1 : CP Select 624 MS (0.25 mm) Det: MS Quad
Process Host: CTX1653

First Level Reviewer: JH8B

Date: 03-Oct-2025 09:54:26

Compound	Amount Added	Amount Recovered	% Rec.
\$ 9 1,4-Dioxane-d8 (Surr)	500.0	462.4	92.49

Eurofins Eaton Analytical South Bend

Data File: \\ChromFS\Southbend\ChromData\GCMS-FE\20251002-42135.b\810-164749-A-11-B.D

Injection Date: 02-Oct-2025 19:48:19

Instrument ID: GCMS-FE

Lims ID: 810-164749-A-11-B

Lab Sample ID: 810-164749-11

Client ID: BPOW6-5-20250917

Operator ID: BC

ALS Bottle#: 9

Worklist Smp#: 8

Injection Vol: 1.0 ul

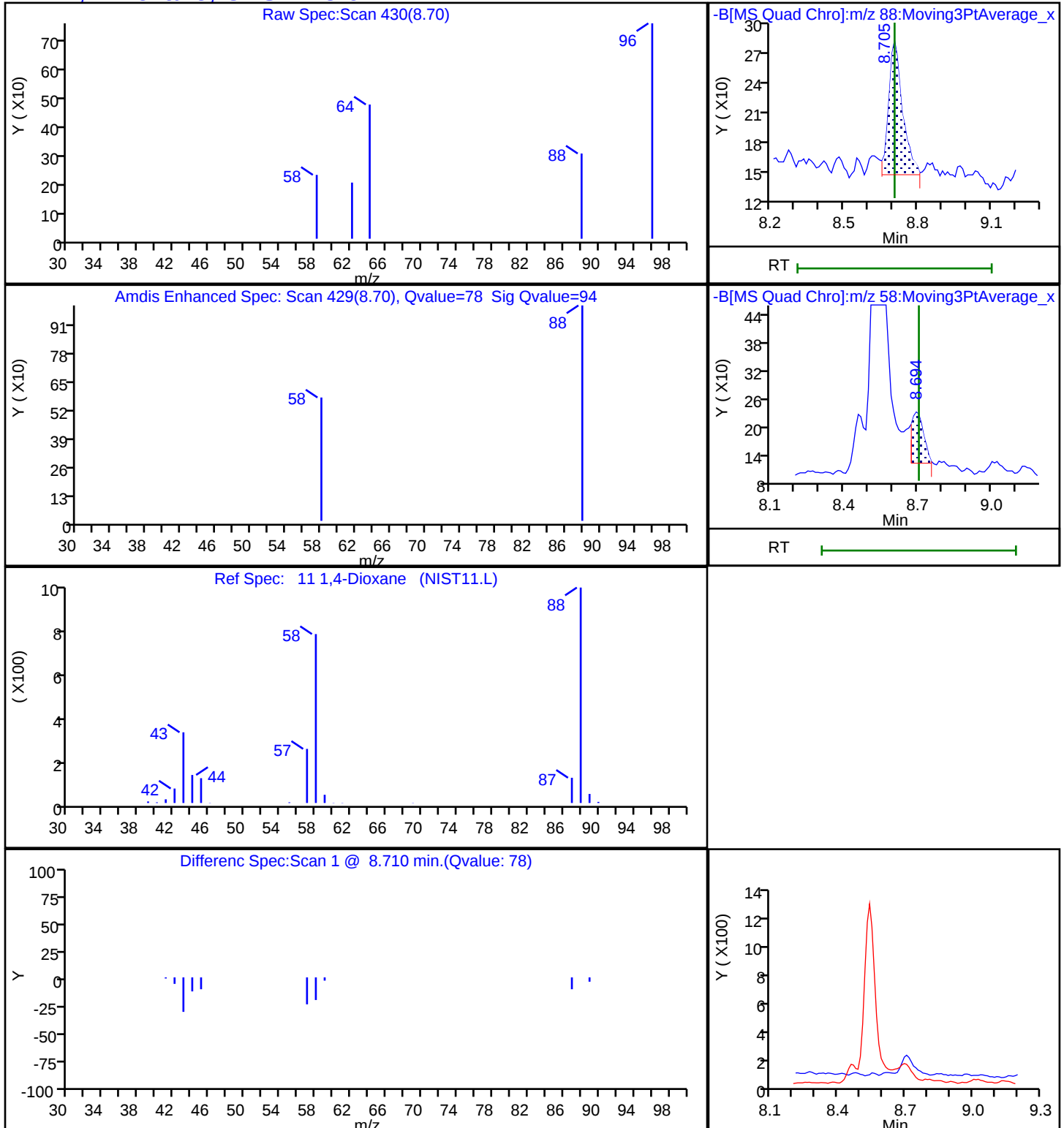
Dil. Factor: 1.0000

Method: 522_GCMS-FE

Limit Group: MSS - 522

Column: CP Select 624 MS (0.25 mm)

Detector: MS Quad

11 1,4-Dioxane, CAS: 123-91-1

Eurofins Eaton Analytical South Bend

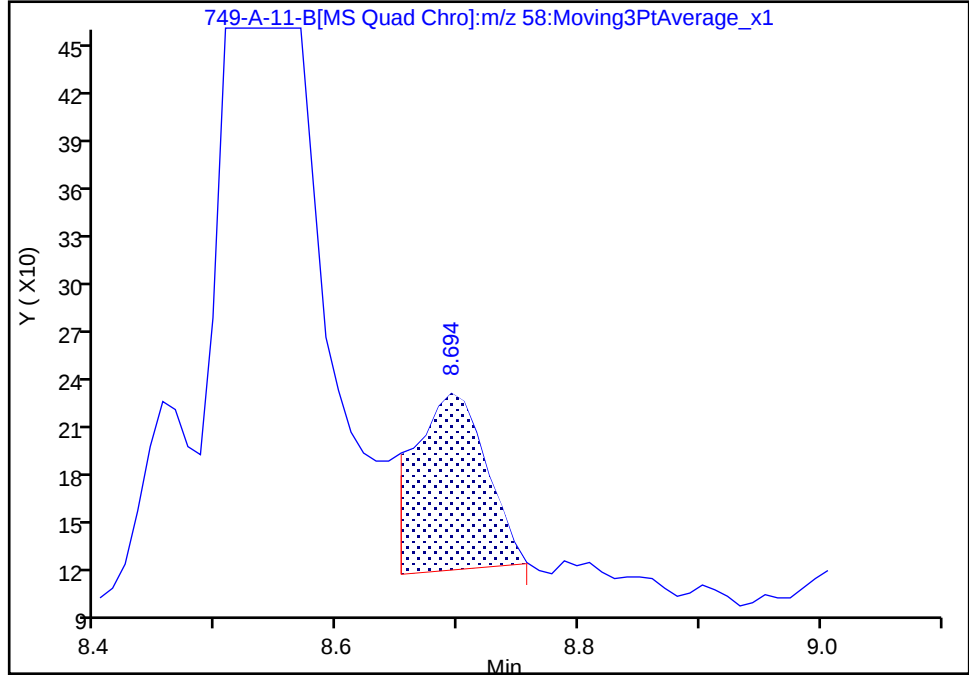
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Injection Date: 02-Oct-2025 19:48:19 Instrument ID: GCMS-FE
Lims ID: 810-164749-A-11-B Lab Sample ID: 810-164749-11
Client ID: BPOW6-5-20250917
Operator ID: BC ALS Bottle#: 9 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 522_GCMS-FE Limit Group: MSS - 522
Column: CP Select 624 MS (0.25 mm) Detector: MS Quad

11 1,4-Dioxane, CAS: 123-91-1

Signal: 2

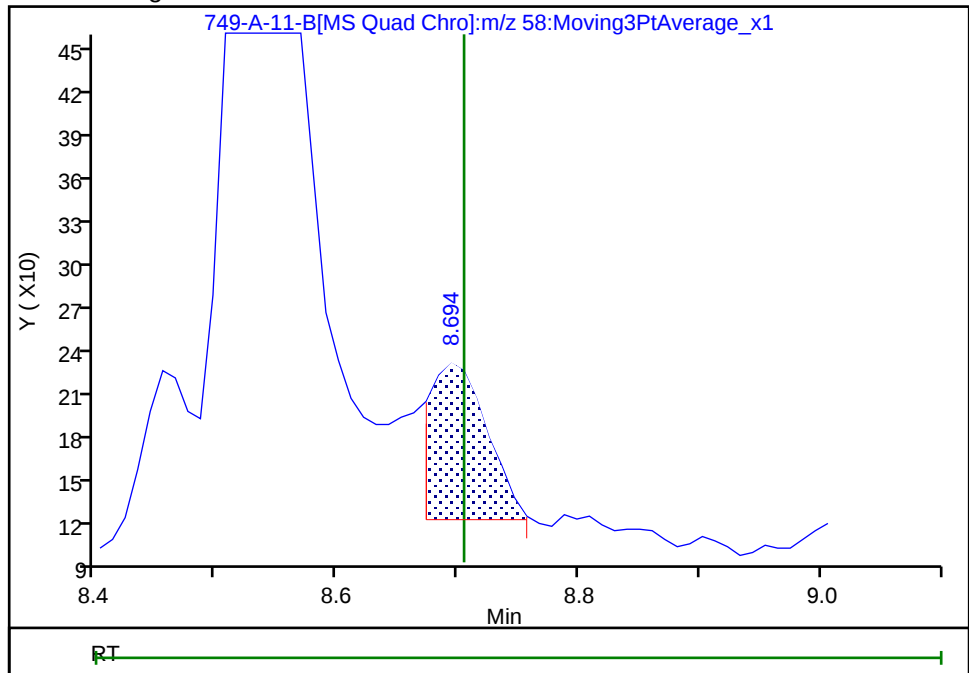
RT: 8.69
Area: 466
Amount: 6.615888
Amount Units: ug/l

Processing Integration Results



RT: 8.69
Area: 363
Amount: 6.785592
Amount Units: ug/l

Manual Integration Results



Reviewer: JH8B, 03-Oct-2025 09:54:06 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Baseline

Eurofins Eaton Analytical South Bend

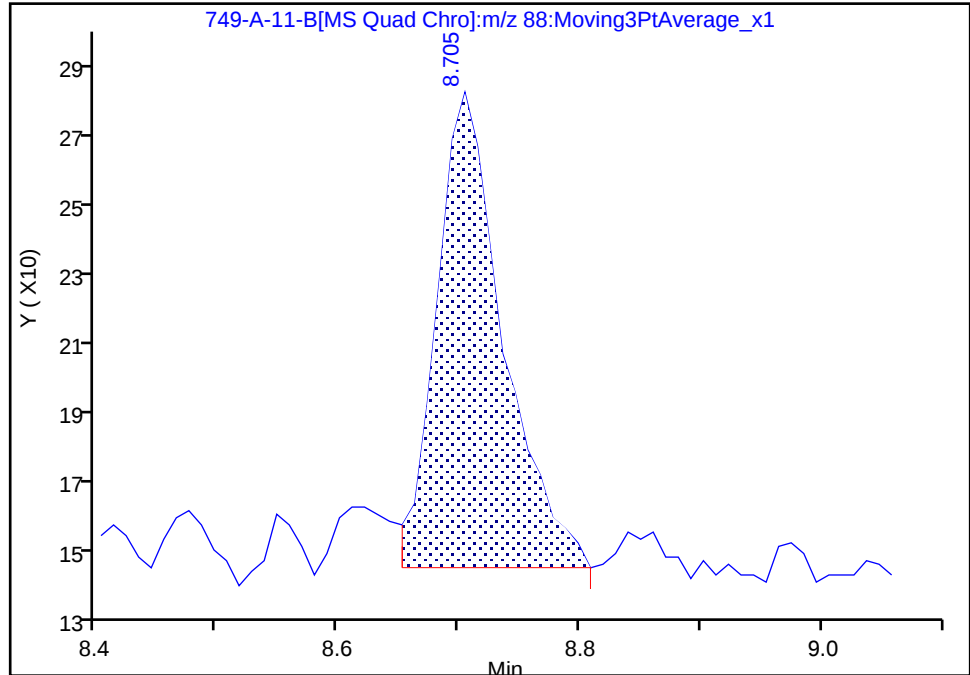
Data File: \\ChromFS\Southbend\ChromData\GCMS-FE\20251002-42135.b\810-164749-A-11-B.D
Injection Date: 02-Oct-2025 19:48:19 Instrument ID: GCMS-FE
Lims ID: 810-164749-A-11-B Lab Sample ID: 810-164749-11
Client ID: BPOW6-5-20250917
Operator ID: BC ALS Bottle#: 9 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 522_GCMS-FE Limit Group: MSS - 522
Column: CP Select 624 MS (0.25 mm) Detector: MS Quad

11 1,4-Dioxane, CAS: 123-91-1

Signal: 1

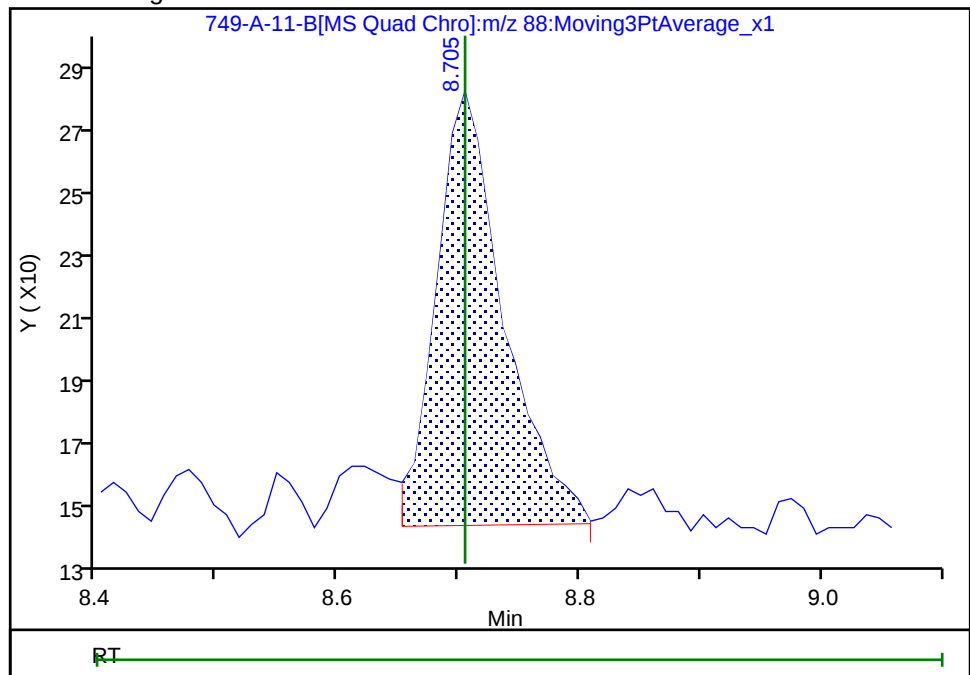
RT: 8.70
Area: 511
Amount: 6.615888
Amount Units: ug/l

Processing Integration Results



RT: 8.70
Area: 526
Amount: 6.785592
Amount Units: ug/l

Manual Integration Results



Reviewer: JH8B, 03-Oct-2025 09:54:19 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Baseline

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Eaton Analytical South Job No.: 810-164749-1 Analy Batch No.: 159668
Bend

SDG No.:

Instrument ID: GCMS-DM GC Column: CPSelect 62 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/11/2025 10:45 Calibration End Date: 09/11/2025 14:54 Calibration ID: 17496

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 810-159612/4-A	007 .D
Level 2	IC 810-159612/5-A	01 .D
Level 3	IC 810-159612/6-A	02 .D
Level 4	IC 810-159612/7-A	05 .D
Level 5	IC 810-159612/8-A	1 .D
Level 6	IC 810-159612/9-A	2 .D
Level 7	ICISAV 810-159612/10-A	5 .D
Level 8	IC 810-159612/11-A	10 .D
Level 9	IC 810-159612/12-A	20.D
Level 10	IC 810-159612/13-A	50.D
Level 11	IC 810-159612/14-A	100.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6 LVL 11	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5 LVL 10		B	M1	M2								
1,4-Dioxane	0.8179 0.7472 0.7807	0.7607 0.8268	0.7802 0.8204	0.7494 0.8119	0.7498 0.8091	Lin1	-0.12 7	0.794 4				4.5					
1,4-Dioxane-d8 (Surr)	0.6845 0.7362 0.6877	0.7658 0.6906	0.7628 0.7389	0.7516 0.7632	0.7303 0.7667	Ave		0.734 4				4.4		30.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Eaton Analytical South Bend Job No.: 810-164749-1 Analy Batch No.: 159668

SDG No.: _____

Instrument ID: GCMS-DM GC Column: CPSelect 6 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/11/2025 10:45 Calibration End Date: 09/11/2025 14:54 Calibration ID: 17496

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 810-159612/4-A	007 .D
Level 2	IC 810-159612/5-A	01 .D
Level 3	IC 810-159612/6-A	02 .D
Level 4	IC 810-159612/7-A	05 .D
Level 5	IC 810-159612/8-A	1 .D
Level 6	IC 810-159612/9-A	2 .D
Level 7	ICISAV 810-159612/10-A	5 .D
Level 8	IC 810-159612/11-A	10 .D
Level 9	IC 810-159612/12-A	20.D
Level 10	IC 810-159612/13-A	50.D
Level 11	IC 810-159612/14-A	100.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6 LVL 11	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5 LVL 10	LVL 1 LVL 6 LVL 11	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5 LVL 10
1,4-Dioxane	THFd8	Lin1	649 15459 812392	758 40399	1526 83325	3558 158743	7640 389206	3.50 100 5000	5.00 250	10.0 500	25.0 1000	50.0 2500
1,4-Dioxane-d8 (Surr)	THFd8	Ave	77595 76156 71564	76312 67486	74593 75043	71372 74610	74411 73758	500 500 500	500 500	500 500	500 500	500 500

Curve Type Legend:

Ave = Average ISTD
Lin1 = Linear 1/conc ISTD

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
READBACK PERCENT ERROR

Lab Name: Eurofins Eaton Analytical South Bend Job No.: 810-164749-1 Analy Batch No.: 159668

SDG No.: _____

Instrument ID: GCMS-DM GC Column: CPSelect 62 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/11/2025 10:45 Calibration End Date: 09/11/2025 14:54 Calibration ID: 17496

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 810-159612/4-A	007 .D
Level 2	IC 810-159612/5-A	01 .D
Level 3	IC 810-159612/6-A	02 .D
Level 4	IC 810-159612/7-A	05 .D
Level 5	IC 810-159612/8-A	1 .D
Level 6	IC 810-159612/9-A	2 .D
Level 7	ICISAV 810-159612/10-A	5 .D
Level 8	IC 810-159612/11-A	10 .D
Level 9	IC 810-159612/12-A	20.D
Level 10	IC 810-159612/13-A	50.D
Level 11	IC 810-159612/14-A	100.D

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 #	LVL 2 #	LVL 3 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6
	LVL 7 #	LVL 8 #	LVL 9 #	LVL 10 #	LVL 11 #		LVL 7	LVL 8	LVL 9	LVL 10	LVL 11	
1,4-Dioxane	7.5	-1.0	-0.2	-5.0	-5.3	-5.8	40	20	20	20	20	20
	4.1	3.3	2.2	1.9	-1.7		20	20	20	20	20	

Eurofins Eaton Analytical South Bend
Target Compound Quantitation Report

Data File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250910-41284.b\007.D
 Lims ID: IC 810-159612/4-A
 Client ID:
 Sample Type: IC Calib Level: 1
 Inject. Date: 11-Sep-2025 10:45:02 ALS Bottle#: 3 Worklist Smp#: 3
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 810-0041284-003
 Misc. Info.: IC 810-159612/4-A
 Operator ID: TD Instrument ID: GCMS-DM
 Sublist: chrom-522_GCMS-DM*sub3
 Raw Data: Smoothed
 Method: \\ChromFS\Southbend\ChromData\GCMS-DM\20250910-41284.b\522_GCMS-DM.m
 Limit Group: MSS - 522
 Last Update: 16-Sep-2025 09:57:12 Calib Date: 11-Sep-2025 14:54:49
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250910-41284.b\100.D
 Column 1: CP Select 624 MS (0.25 mm) Det: MS Quad
 Process Host: CTX1722

First Level Reviewer: JH8B

Date: 12-Sep-2025 09:34:31

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 5 Tetrahydrofuran-d8	46	5.870	5.862	0.008	26	113355	500.0	500.0	
\$ 9 1,4-Dioxane-d8 (Surr)	96	7.962	7.962	0.000	0	77595	500.0	466.1	
11 1,4-Dioxane	88	8.035	8.035	0.000	79	649	3.50	3.76	M
10 BFB									

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

O-522BFBSUB_00027

Amount Added: 1.00

Units: mL

Run Reagent

Eurofins Eaton Analytical South Bend

Data File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250910-41284.b\007.D

Injection Date: 11-Sep-2025 10:45:02

Instrument ID: GCMS-DM

Lims ID: IC 810-159612/4-A

Client ID:

Operator ID: TD

ALS Bottle#: 3

Worklist Smp#: 3

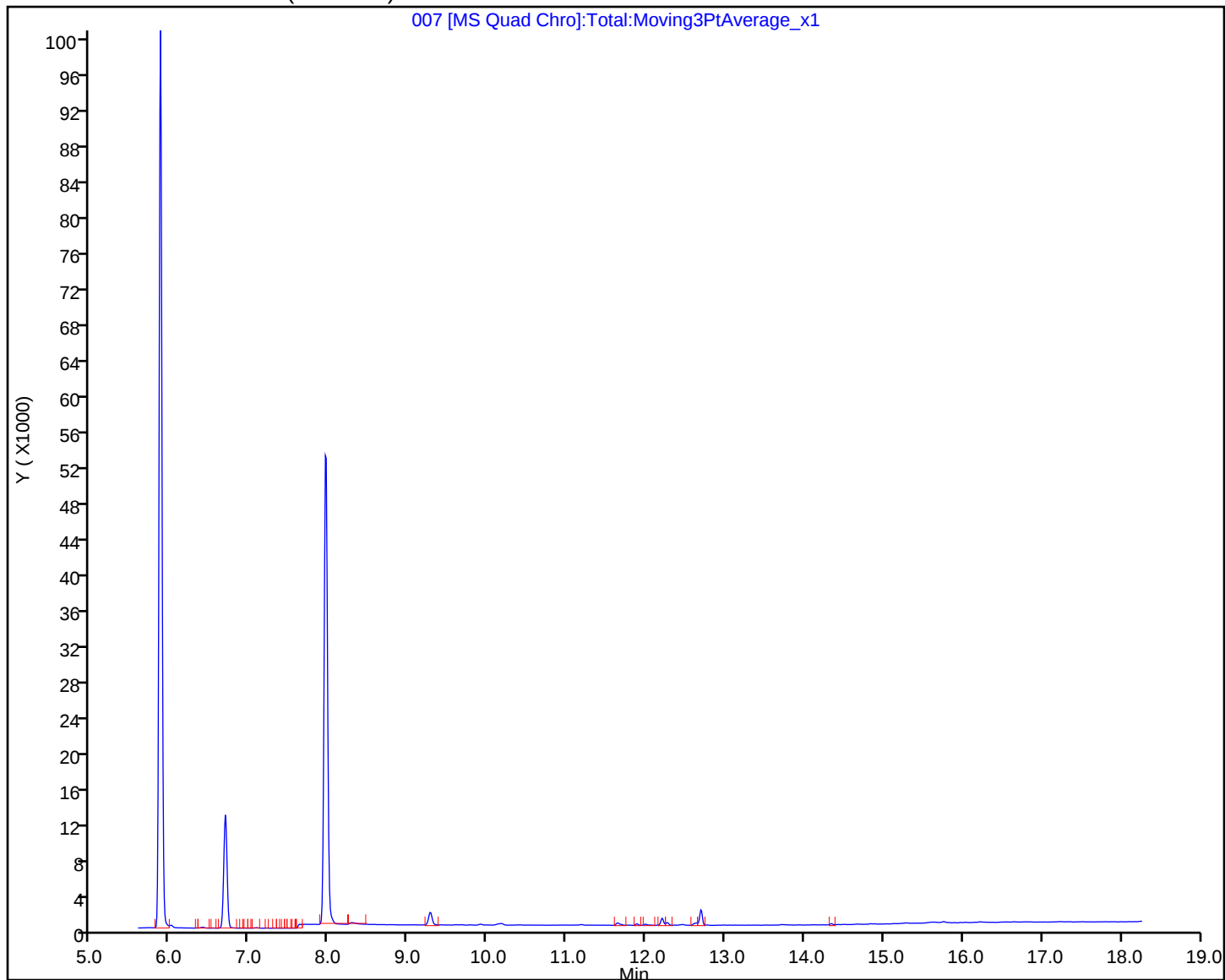
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: 522_GCMS-DM

Limit Group: MSS - 522

Column: CP Select 624 MS (0.25 mm)



Eurofins Eaton Analytical South Bend

Data File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250910-41284.b\007.D

Injection Date: 11-Sep-2025 10:45:02

Instrument ID: GCMS-DM

Lims ID: IC 810-159612/4-A

Client ID:

Operator ID: TD

ALS Bottle#:

3

Worklist Smp#: 3

Injection Vol: 1.0 ul

Dil. Factor:

1.0000

Method: 522_GCMS-DM

Limit Group:

MSS - 522

Column: CP Select 624 MS (0.25 mm)

Detector

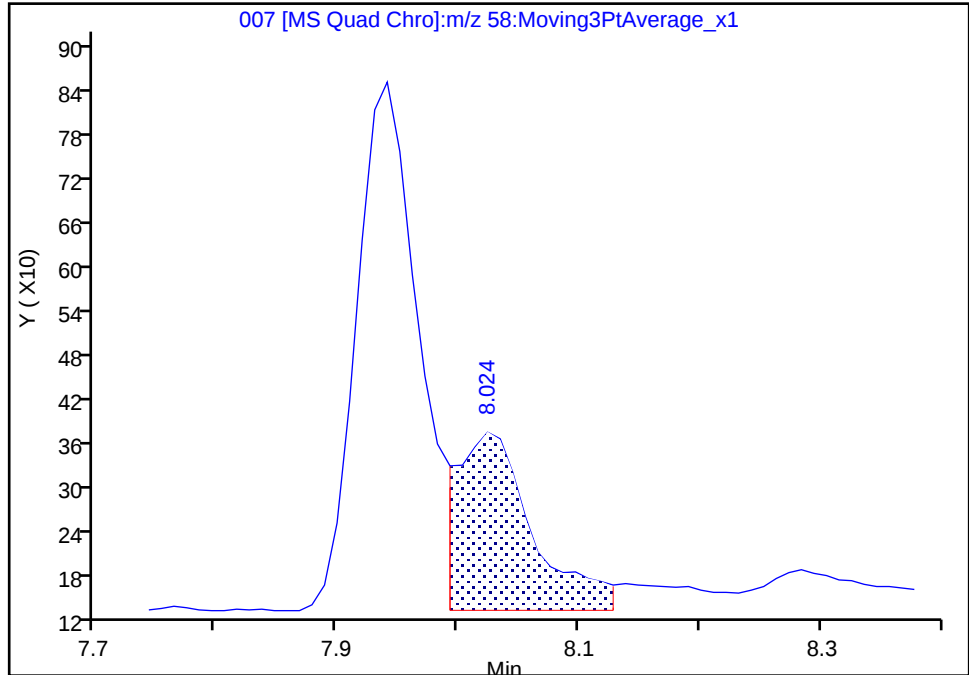
MS Quad

11 1,4-Dioxane, CAS: 123-91-1

Signal: 2

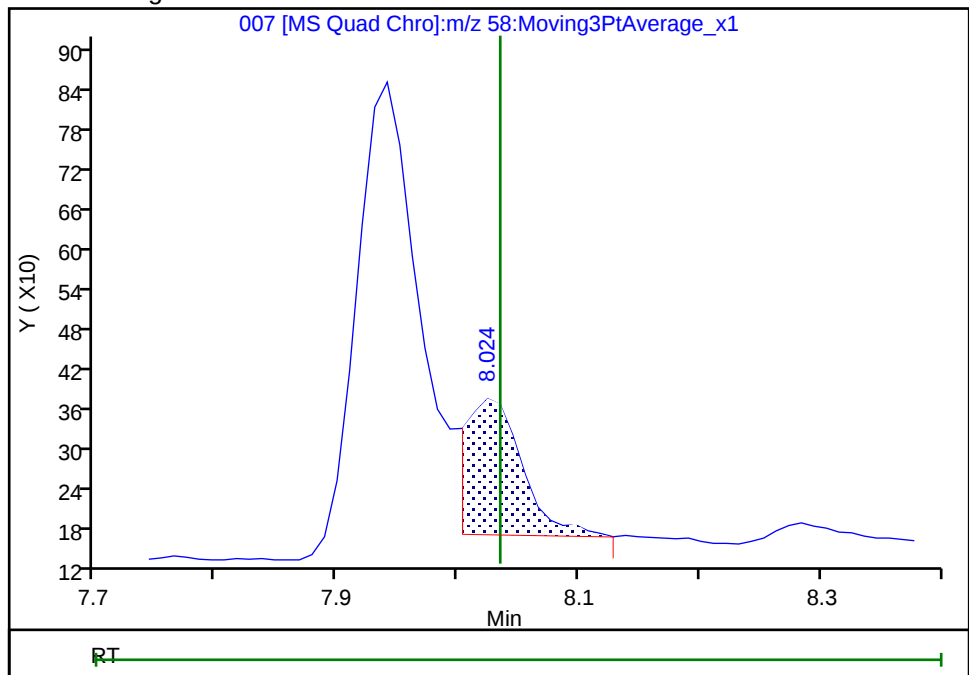
RT: 8.02
Area: 1107
Amount: 7.211304
Amount Units: ug/l

Processing Integration Results



RT: 8.02
Area: 680
Amount: 3.763368
Amount Units: ug/l

Manual Integration Results



Reviewer: JH8B, 12-Sep-2025 09:34:27 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Baseline

Eurofins Eaton Analytical South Bend
Target Compound Quantitation Report

Data File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250910-41284.b\01.D
 Lims ID: IC 810-159612/5-A
 Client ID:
 Sample Type: IC Calib Level: 2
 Inject. Date: 11-Sep-2025 11:09:57 ALS Bottle#: 4 Worklist Smp#: 4
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 810-0041284-004
 Misc. Info.: IC 810-159612/5-A
 Operator ID: TD Instrument ID: GCMS-DM
 Sublist: chrom-522_GCMS-DM*sub3
 Raw Data: Smoothed
 Method: \\ChromFS\Southbend\ChromData\GCMS-DM\20250910-41284.b\522_GCMS-DM.m
 Limit Group: MSS - 522
 Last Update: 12-Sep-2025 09:13:43 Calib Date: 11-Sep-2025 14:54:49
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250910-41284.b\100.D
 Column 1: CP Select 624 MS (0.25 mm) Det: MS Quad
 Process Host: CTX1640

First Level Reviewer: JH8B

Date: 12-Sep-2025 09:34:50

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 5 Tetrahydrofuran-d8	46	5.870	5.862	0.008	26	99647	500.0	500.0	
\$ 9 1,4-Dioxane-d8 (Surr)	96	7.962	7.952	0.010	0	76312	500.0	521.4	
11 1,4-Dioxane	88	8.035	8.035	0.000	79	758	5.00	4.95	M
10 BFB									

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

O-522BFBSUB_00027

Amount Added: 1.00

Units: mL

Run Reagent

Report Date: 12-Sep-2025 09:13:43

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Eaton Analytical South Bend

Data File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250910-41284.b\01.D

Injection Date: 11-Sep-2025 11:09:57

Instrument ID: GCMS-DM

Lims ID: IC 810-159612/5-A

Client ID:

Operator ID: TD

ALS Bottle#: 4

Worklist Smp#: 4

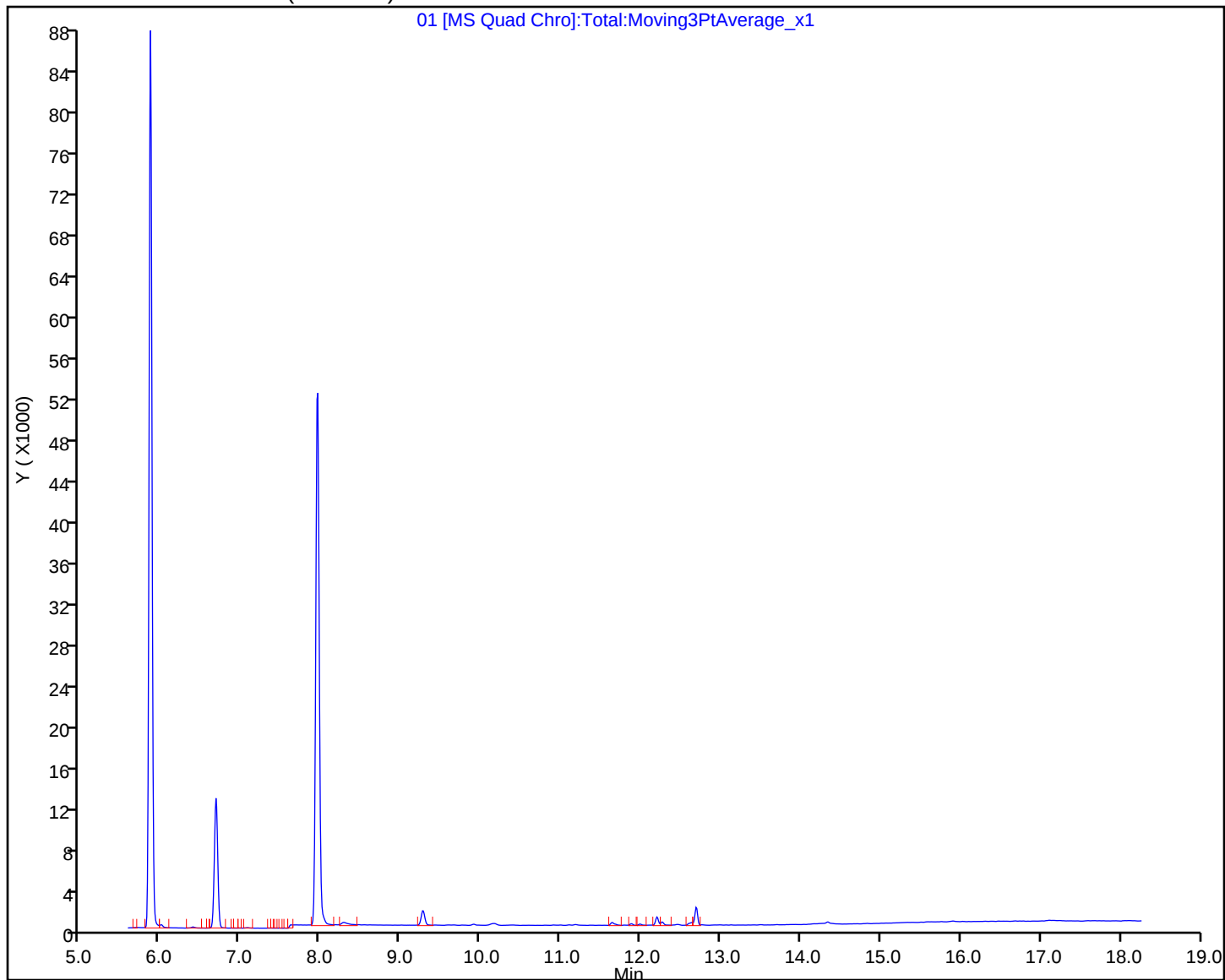
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: 522_GCMS-DM

Limit Group: MSS - 522

Column: CP Select 624 MS (0.25 mm)



Eurofins Eaton Analytical South Bend

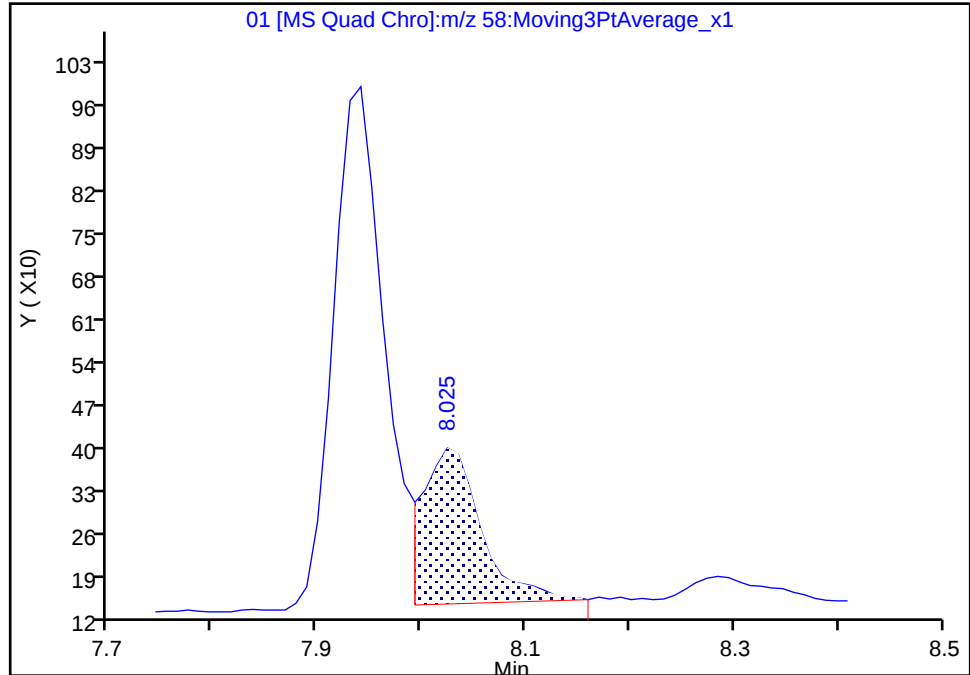
Data File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250910-41284.b\01.D
Injection Date: 11-Sep-2025 11:09:57 Instrument ID: GCMS-DM
Lims ID: IC 810-159612/5-A
Client ID:
Operator ID: TD ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 522_GCMS-DM Limit Group: MSS - 522
Column: CP Select 624 MS (0.25 mm) Detector: MS Quad

11 1,4-Dioxane, CAS: 123-91-1

Signal: 2

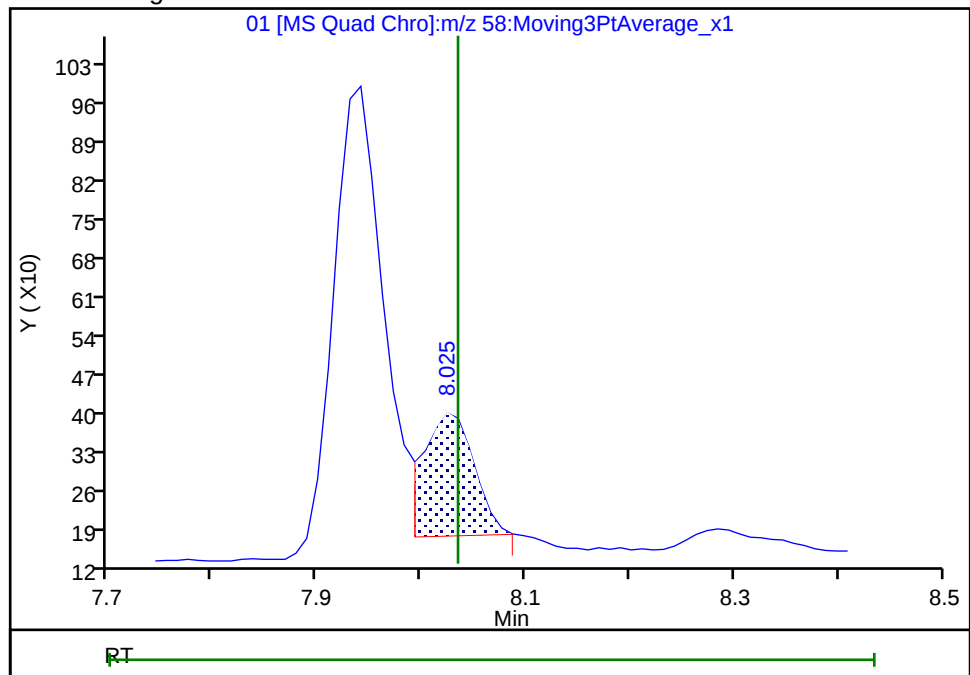
RT: 8.02
Area: 1028
Amount: 8.465807
Amount Units: ug/l

Processing Integration Results



RT: 8.02
Area: 775
Amount: 4.947578
Amount Units: ug/l

Manual Integration Results



Reviewer: JH8B, 12-Sep-2025 09:34:48 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Baseline

Eurofins Eaton Analytical South Bend
Target Compound Quantitation Report

Data File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250910-41284.b\02 .D
 Lims ID: IC 810-159612/6-A
 Client ID:
 Sample Type: IC Calib Level: 3
 Inject. Date: 11-Sep-2025 11:35:02 ALS Bottle#: 5 Worklist Smp#: 5
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 810-0041284-005
 Misc. Info.: IC 810-159612/6-A
 Operator ID: TD Instrument ID: GCMS-DM
 Sublist: chrom-522_GCMS-DM*sub3
 Raw Data: Smoothed
 Method: \\ChromFS\Southbend\ChromData\GCMS-DM\20250910-41284.b\522_GCMS-DM.m
 Limit Group: MSS - 522
 Last Update: 12-Sep-2025 09:13:44 Calib Date: 11-Sep-2025 14:54:49
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250910-41284.b\100.D
 Column 1 : CP Select 624 MS (0.25 mm) Det: MS Quad
 Process Host: CTX1640

First Level Reviewer: JH8B

Date: 12-Sep-2025 09:35:05

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 5 Tetrahydrofuran-d8	46	5.870	5.862	0.008	24	97794	500.0	500.0	
\$ 9 1,4-Dioxane-d8 (Surr)	96	7.962	7.952	0.010	0	74593	500.0	519.3	
11 1,4-Dioxane	88	8.035	8.035	0.000	84	1526	10.0	9.98	M
10 BFB									

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

O-522BFBSUB_00027

Amount Added: 1.00

Units: mL

Run Reagent

Report Date: 12-Sep-2025 09:13:44

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Eaton Analytical South Bend

Data File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250910-41284.b\02 .D

Injection Date: 11-Sep-2025 11:35:02

Instrument ID: GCMS-DM

Lims ID: IC 810-159612/6-A

Client ID:

Operator ID: TD

ALS Bottle#:

5

Worklist Smp#:

5

Injection Vol: 1.0 ul

Dil. Factor:

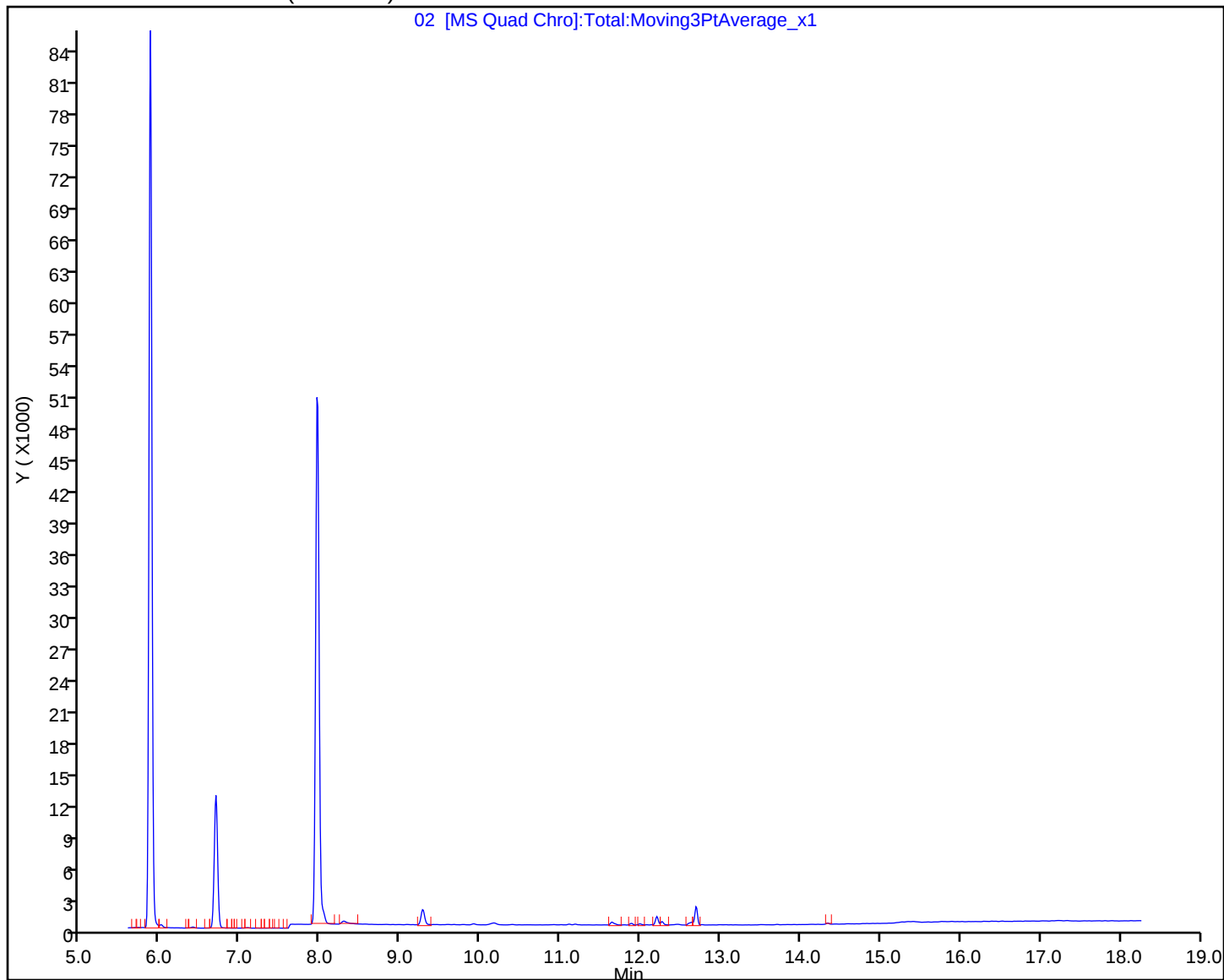
1.0000

Method: 522_GCMS-DM

Limit Group:

MSS - 522

Column: CP Select 624 MS (0.25 mm)



Eurofins Eaton Analytical South Bend

Data File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250910-41284.b\02 .D

Injection Date: 11-Sep-2025 11:35:02

Instrument ID: GCMS-DM

Lims ID: IC 810-159612/6-A

Client ID:

Operator ID: TD

ALS Bottle#:

5

Worklist Smp#: 5

Injection Vol: 1.0 ul

Dil. Factor:

1.0000

Method: 522_GCMS-DM

Limit Group:

MSS - 522

Column: CP Select 624 MS (0.25 mm)

Detector

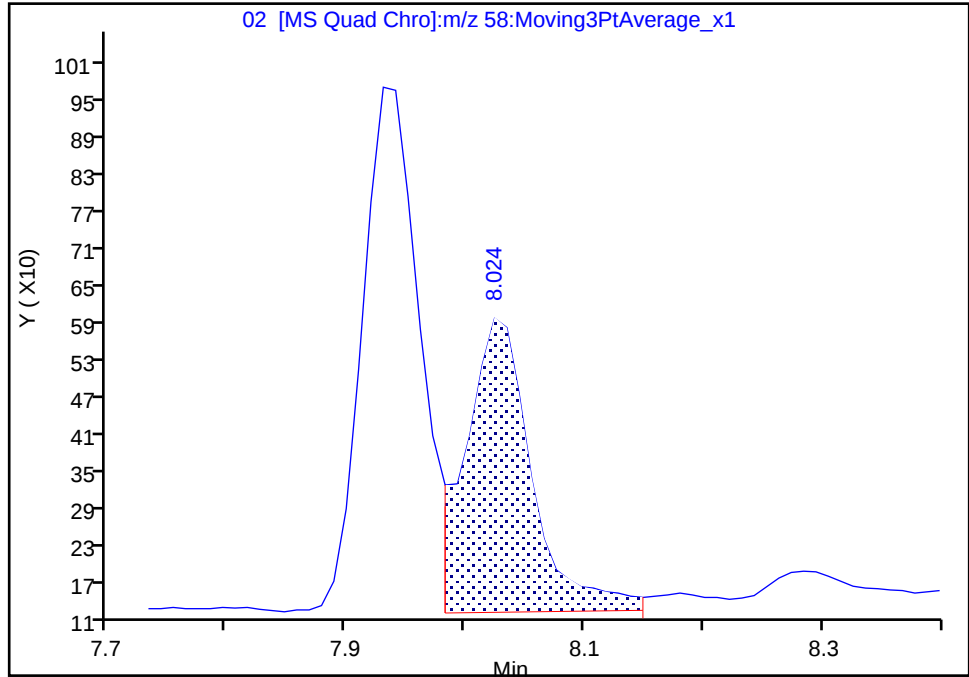
MS Quad

11 1,4-Dioxane, CAS: 123-91-1

Signal: 2

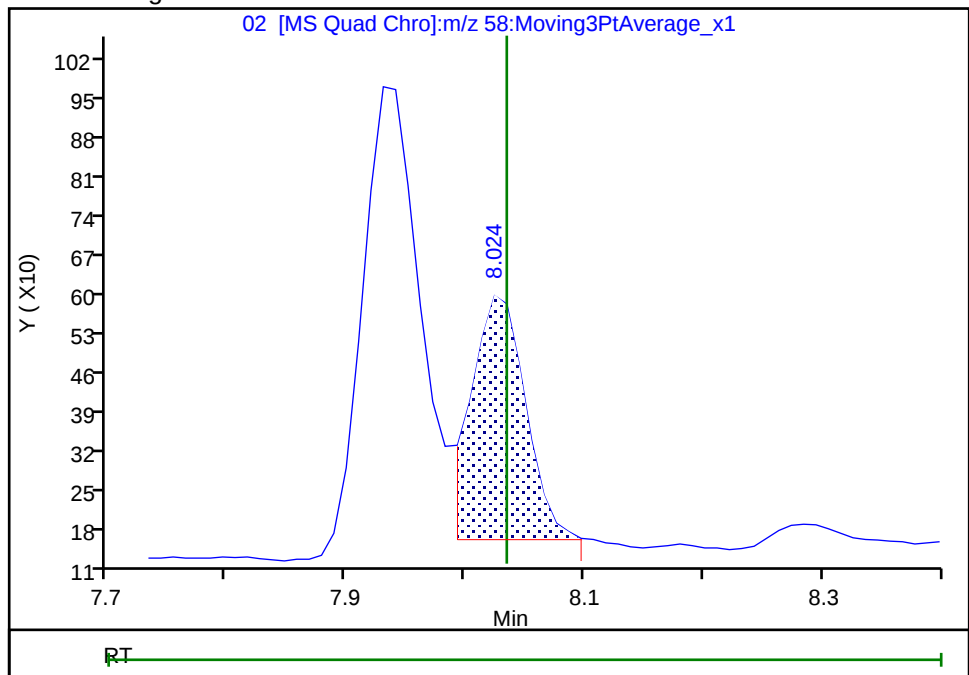
RT: 8.02
Area: 1864
Amount: 9.240637
Amount Units: ug/l

Processing Integration Results



RT: 8.02
Area: 1389
Amount: 9.981165
Amount Units: ug/l

Manual Integration Results



Reviewer: JH8B, 12-Sep-2025 09:35:03 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Baseline

Eurofins Eaton Analytical South Bend
Target Compound Quantitation Report

Data File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250910-41284.b\05 .D
 Lims ID: IC 810-159612/7-A
 Client ID:
 Sample Type: IC Calib Level: 4
 Inject. Date: 11-Sep-2025 12:00:21 ALS Bottle#: 6 Worklist Smp#: 6
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 810-0041284-006
 Misc. Info.: IC 810-159612/7-A
 Operator ID: TD Instrument ID: GCMS-DM
 Sublist: chrom-522_GCMS-DM*sub3
 Raw Data: Smoothed
 Method: \\ChromFS\Southbend\ChromData\GCMS-DM\20250910-41284.b\522_GCMS-DM.m
 Limit Group: MSS - 522
 Last Update: 16-Sep-2025 09:57:15 Calib Date: 11-Sep-2025 14:54:49
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250910-41284.b\100.D
 Column 1 : CP Select 624 MS (0.25 mm) Det: MS Quad
 Process Host: CTX1722

First Level Reviewer: JH8B

Date: 12-Sep-2025 09:35:33

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 5 Tetrahydrofuran-d8	46	5.854	5.862	-0.008	24	94955	500.0	500.0	
\$ 9 1,4-Dioxane-d8 (Surr)	96	7.952	7.962	-0.010	0	71372	500.0	511.7	
11 1,4-Dioxane	88	8.024	8.035	-0.011	84	3558	25.0	23.7	M
10 BFB									

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

O-522BFBSUB_00027

Amount Added: 1.00

Units: mL

Run Reagent

Report Date: 16-Sep-2025 09:57:15

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Eaton Analytical South Bend

Data File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250910-41284.b\05.D

Injection Date: 11-Sep-2025 12:00:21

Instrument ID: GCMS-DM

Lims ID: IC 810-159612/7-A

Client ID:

Operator ID: TD

ALS Bottle#:

6

Worklist Smp#:

6

Injection Vol: 1.0 ul

Dil. Factor:

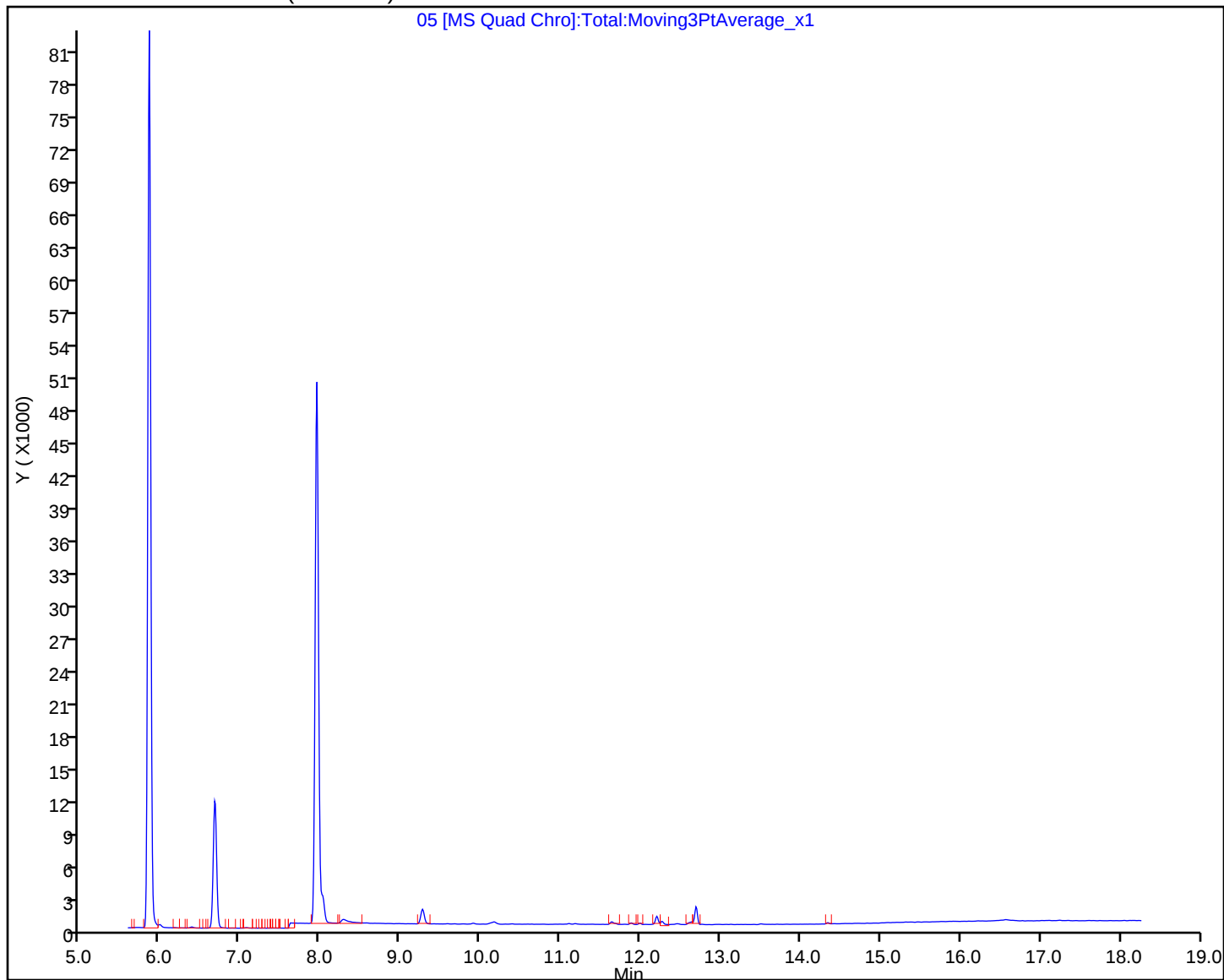
1.0000

Method: 522_GCMS-DM

Limit Group:

MSS - 522

Column: CP Select 624 MS (0.25 mm)



Eurofins Eaton Analytical South Bend

Data File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250910-41284.b\05.D

Injection Date: 11-Sep-2025 12:00:21

Instrument ID: GCMS-DM

Lims ID: IC 810-159612/7-A

Client ID:

Operator ID: TD

ALS Bottle#:

6

Worklist Smp#: 6

Injection Vol: 1.0 ul

Dil. Factor:

1.0000

Method: 522_GCMS-DM

Limit Group:

MSS - 522

Column: CP Select 624 MS (0.25 mm)

Detector

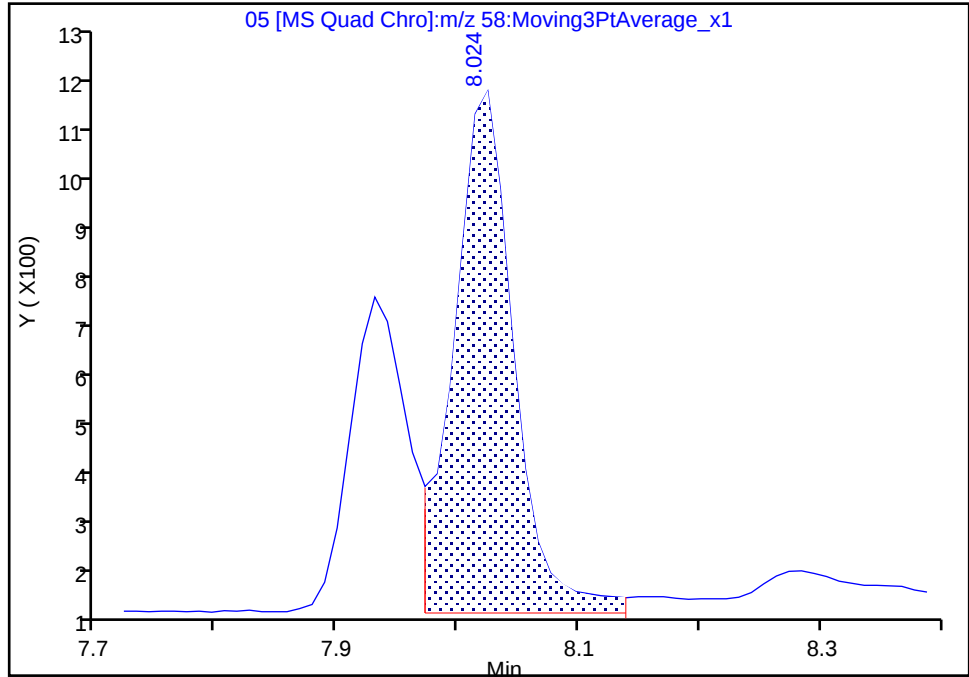
MS Quad

11 1,4-Dioxane, CAS: 123-91-1

Signal: 2

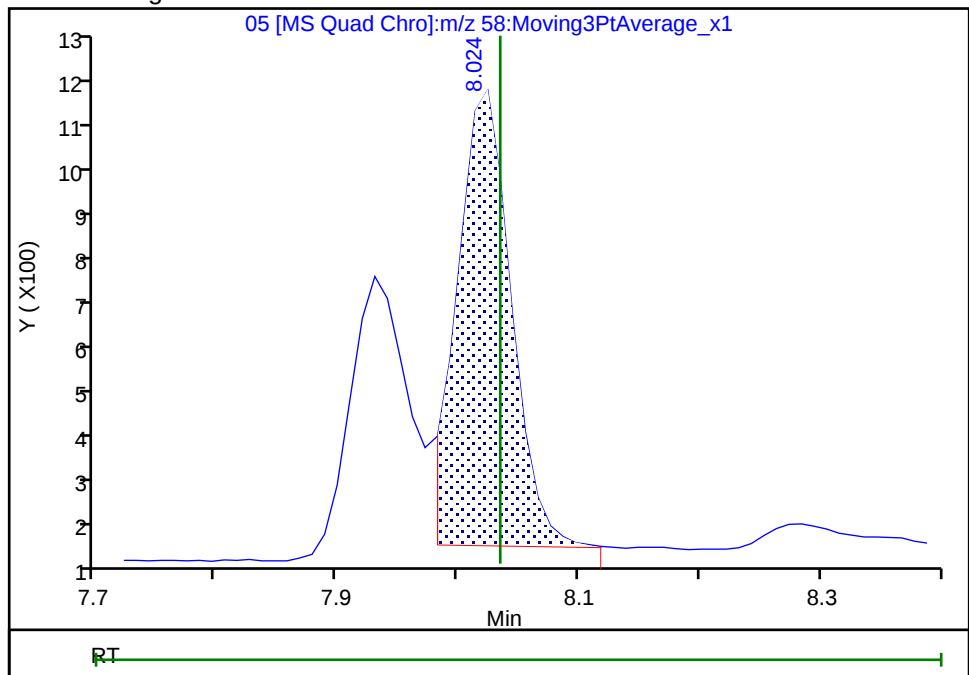
RT: 8.02
Area: 3533
Amount: 28.621302
Amount Units: ug/l

Processing Integration Results



RT: 8.02
Area: 3079
Amount: 23.743824
Amount Units: ug/l

Manual Integration Results



Reviewer: JH8B, 12-Sep-2025 09:35:31 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Baseline

Eurofins Eaton Analytical South Bend
Target Compound Quantitation Report

Data File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250910-41284.b\1.D
 Lims ID: IC 810-159612/8-A
 Client ID:
 Sample Type: IC Calib Level: 5
 Inject. Date: 11-Sep-2025 12:25:15 ALS Bottle#: 7 Worklist Smp#: 7
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 810-0041284-007
 Misc. Info.: IC 810-159612/8-A
 Operator ID: TD Instrument ID: GCMS-DM
 Sublist: chrom-522_GCMS-DM*sub3
 Raw Data: Smoothed
 Method: \\ChromFS\Southbend\ChromData\GCMS-DM\20250910-41284.b\522_GCMS-DM.m
 Limit Group: MSS - 522
 Last Update: 16-Sep-2025 09:57:16 Calib Date: 11-Sep-2025 14:54:49
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250910-41284.b\100.D
 Column 1 : CP Select 624 MS (0.25 mm) Det: MS Quad
 Process Host: CTX1722

First Level Reviewer: JH8B

Date: 12-Sep-2025 09:35:48

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 5 Tetrahydrofuran-d8	46	5.862	5.862	0.000	24	101893	500.0	500.0	
\$ 9 1,4-Dioxane-d8 (Surr)	96	7.952	7.952	0.000	0	74411	500.0	497.2	
11 1,4-Dioxane	88	8.035	8.035	0.000	84	7640	50.0	47.4	M
10 BFB									

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

O-522BFBSUB_00027

Amount Added: 1.00

Units: mL

Run Reagent

Report Date: 16-Sep-2025 09:57:16

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Eaton Analytical South Bend

Data File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250910-41284.b\1.D

Injection Date: 11-Sep-2025 12:25:15

Instrument ID: GCMS-DM

Lims ID: IC 810-159612/8-A

Client ID:

Operator ID: TD

ALS Bottle#:

7

Worklist Smp#:

7

Injection Vol: 1.0 ul

Dil. Factor:

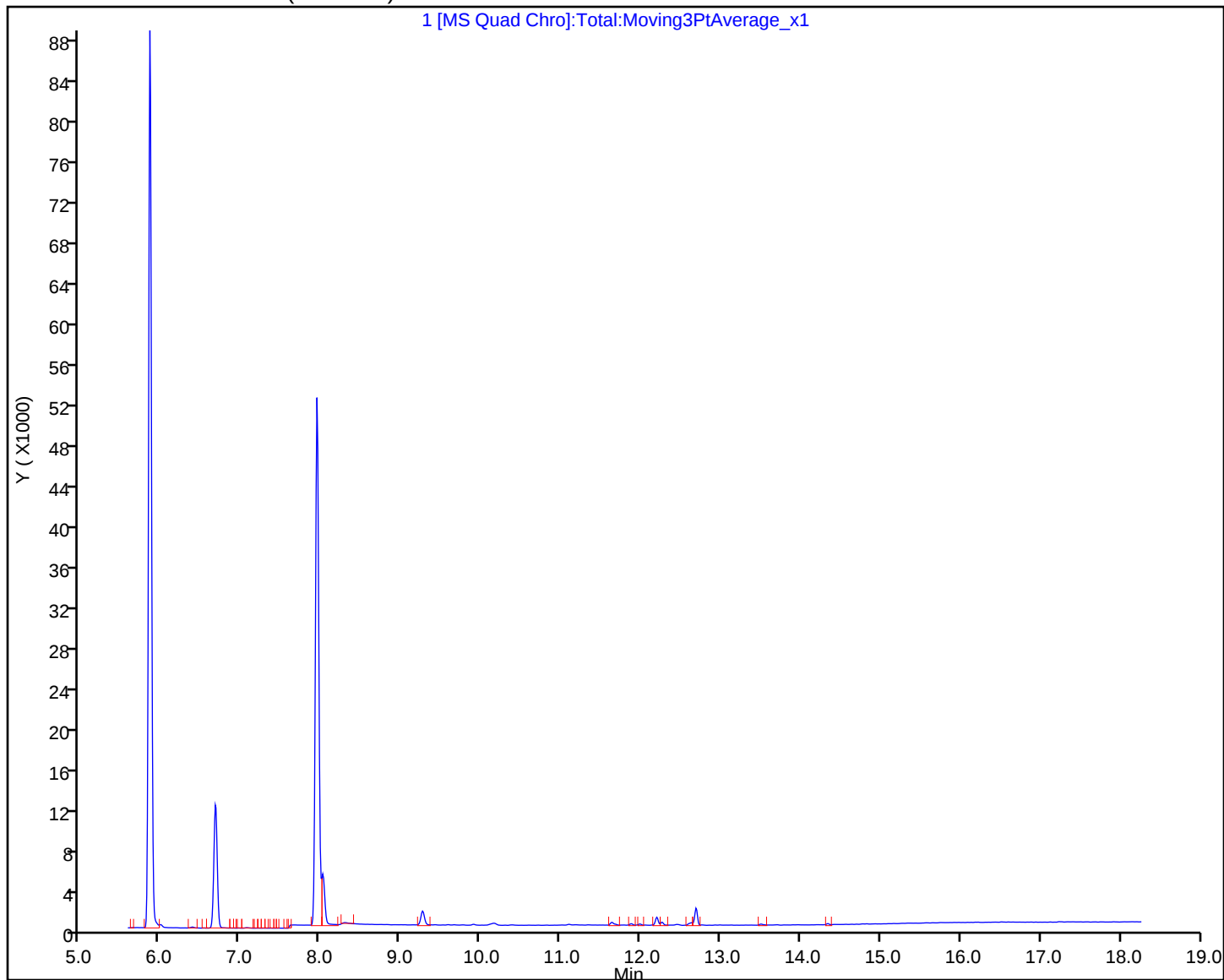
1.0000

Method: 522_GCMS-DM

Limit Group:

MSS - 522

Column: CP Select 624 MS (0.25 mm)



Eurofins Eaton Analytical South Bend

Data File: \\ChromFS\\Southbend\\ChromData\\GCMS-DM\\20250910-41284.b\\1.D

Injection Date: 11-Sep-2025 12:25:15

Instrument ID: GCMS-DM

Lims ID: IC 810-159612/8-A

Client ID:

Operator ID: TD

ALS Bottle#:

7

Worklist Smp#: 7

Injection Vol: 1.0 ul

Dil. Factor:

1.0000

Method: 522_GCMS-DM

Limit Group:

MSS - 522

Column: CP Select 624 MS (0.25 mm)

Detector

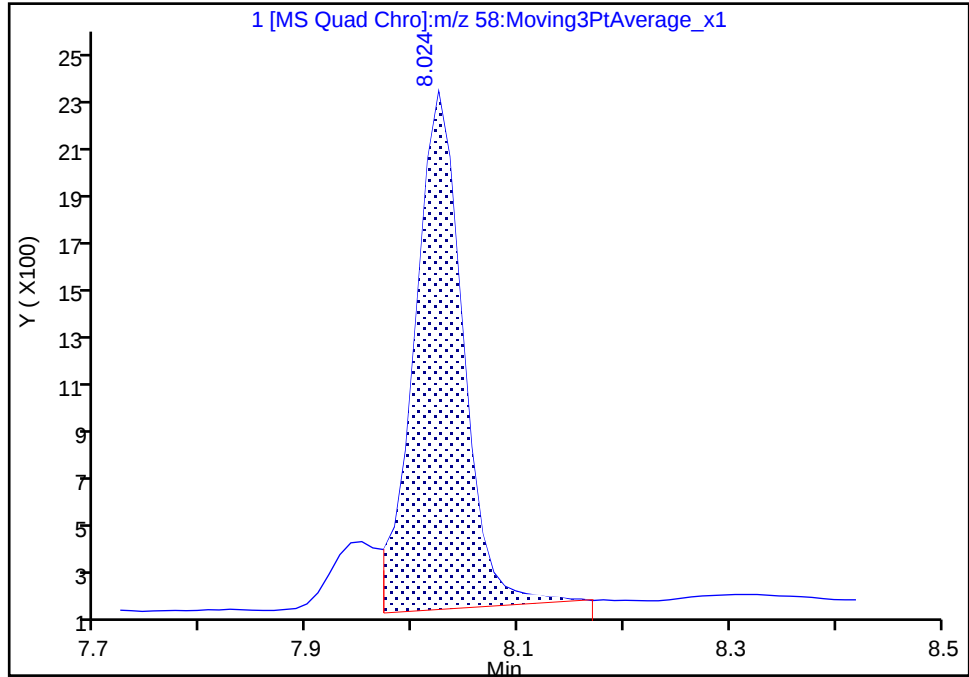
MS Quad

11 1,4-Dioxane, CAS: 123-91-1

Signal: 2

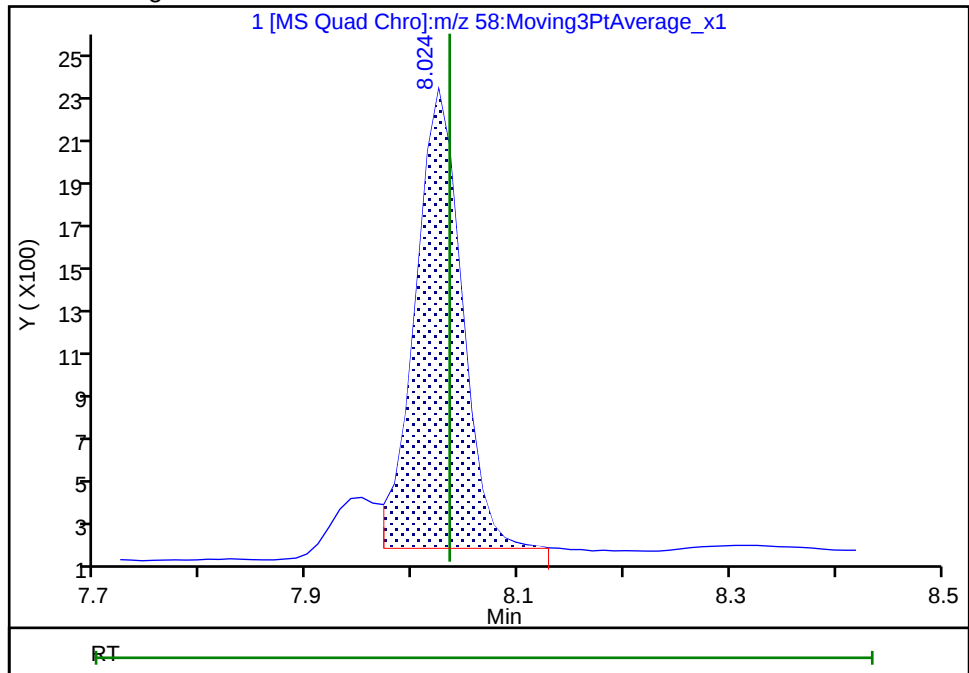
RT: 8.02
Area: 6950
Amount: 56.048449
Amount Units: ug/l

Processing Integration Results



RT: 8.02
Area: 6494
Amount: 47.352943
Amount Units: ug/l

Manual Integration Results



Reviewer: JH8B, 12-Sep-2025 09:35:47 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Baseline

Eurofins Eaton Analytical South Bend
Target Compound Quantitation Report

Data File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250910-41284.b\2.D
 Lims ID: IC 810-159612/9-A
 Client ID:
 Sample Type: IC Calib Level: 6
 Inject. Date: 11-Sep-2025 12:50:15 ALS Bottle#: 8 Worklist Smp#: 8
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 810-0041284-008
 Misc. Info.: IC 810-159612/9-A
 Operator ID: TD Instrument ID: GCMS-DM
 Sublist: chrom-522_GCMS-DM*sub3
 Raw Data: Smoothed
 Method: \\ChromFS\Southbend\ChromData\GCMS-DM\20250910-41284.b\522_GCMS-DM.m
 Limit Group: MSS - 522
 Last Update: 16-Sep-2025 09:57:17 Calib Date: 11-Sep-2025 14:54:49
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250910-41284.b\100.D
 Column 1 : CP Select 624 MS (0.25 mm) Det: MS Quad
 Process Host: CTX1722

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 5 Tetrahydrofuran-d8	46	5.854	5.862	-0.008	26	103441	500.0	500.0	
\$ 9 1,4-Dioxane-d8 (Surr)	96	7.952	7.952	0.000	0	76156	500.0	501.2	
11 1,4-Dioxane	88	8.025	8.035	-0.010	85	15459	100.0	94.2	
10 BFB									

Reagents:

O-522BFBSUB_00027 Amount Added: 1.00 Units: mL Run Reagent

Report Date: 16-Sep-2025 09:57:17

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Eaton Analytical South Bend

Data File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250910-41284.b\2 .D

Injection Date: 11-Sep-2025 12:50:15

Instrument ID: GCMS-DM

Lims ID: IC 810-159612/9-A

Client ID:

Operator ID: TD

ALS Bottle#: 8

Worklist Smp#: 8

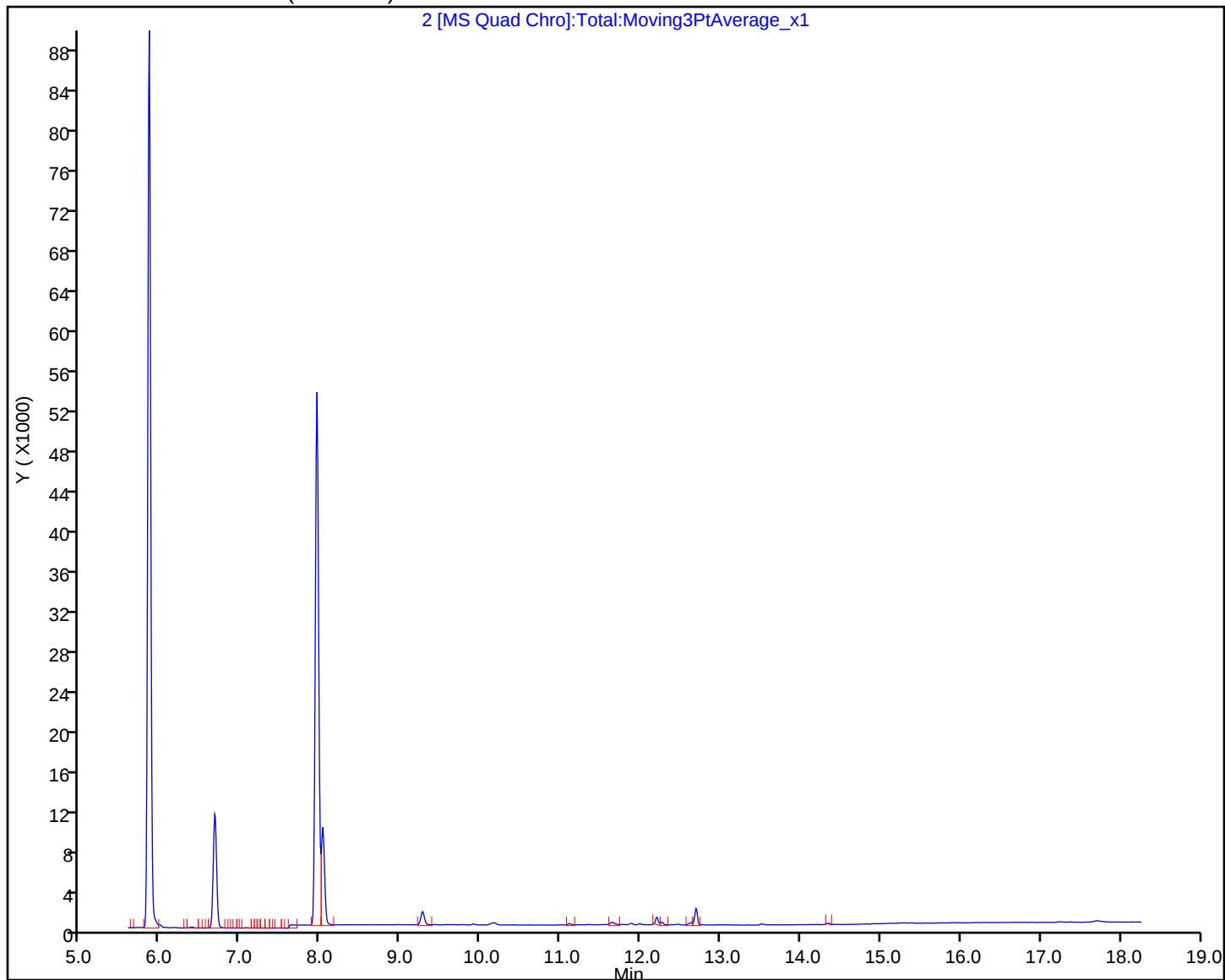
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: 522_GCMS-DM

Limit Group: MSS - 522

Column: CP Select 624 MS (0.25 mm)



Eurofins Eaton Analytical South Bend
Target Compound Quantitation Report

Data File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250910-41284.b\5.D
 Lims ID: ICISAV 810-159612/10-A
 Client ID:
 Sample Type: ICISAV Calib Level: 7
 Inject. Date: 11-Sep-2025 13:15:02 ALS Bottle#: 9 Worklist Smp#: 9
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 810-0041284-009
 Misc. Info.: ICISAV 810-159612/10-A
 Operator ID: TD Instrument ID: GCMS-DM
 Sublist: chrom-522_GCMS-DM*sub3
 Raw Data: Smoothed
 Method: \\ChromFS\Southbend\ChromData\GCMS-DM\20250910-41284.b\522_GCMS-DM.m
 Limit Group: MSS - 522
 Last Update: 16-Sep-2025 09:57:12 Calib Date: 11-Sep-2025 14:54:49
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250910-41284.b\100.D
 Column 1: CP Select 624 MS (0.25 mm) Det: MS Quad
 Process Host: CTX1722

First Level Reviewer: JH8B

Date: 12-Sep-2025 09:36:08

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 5 Tetrahydrofuran-d8	46	5.862	5.862	0.000	26	97721	500.0	500.0	
\$ 9 1,4-Dioxane-d8 (Surr)	96	7.962	7.962	0.000	0	67486	500.0	470.2	
11 1,4-Dioxane	88	8.035	8.035	0.000	84	40399	250.0	260.4	M
10 BFB									

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

O-522BFBSUB_00027

Amount Added: 1.00

Units: mL

Run Reagent

Report Date: 16-Sep-2025 09:57:12

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Eaton Analytical South Bend

Data File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250910-41284.b\5.D

Injection Date: 11-Sep-2025 13:15:02

Instrument ID: GCMS-DM

Lims ID: ICISAV 810-159612/10-A

Client ID:

Operator ID: TD

ALS Bottle#:

9

Worklist Smp#:

9

Injection Vol: 1.0 ul

Dil. Factor:

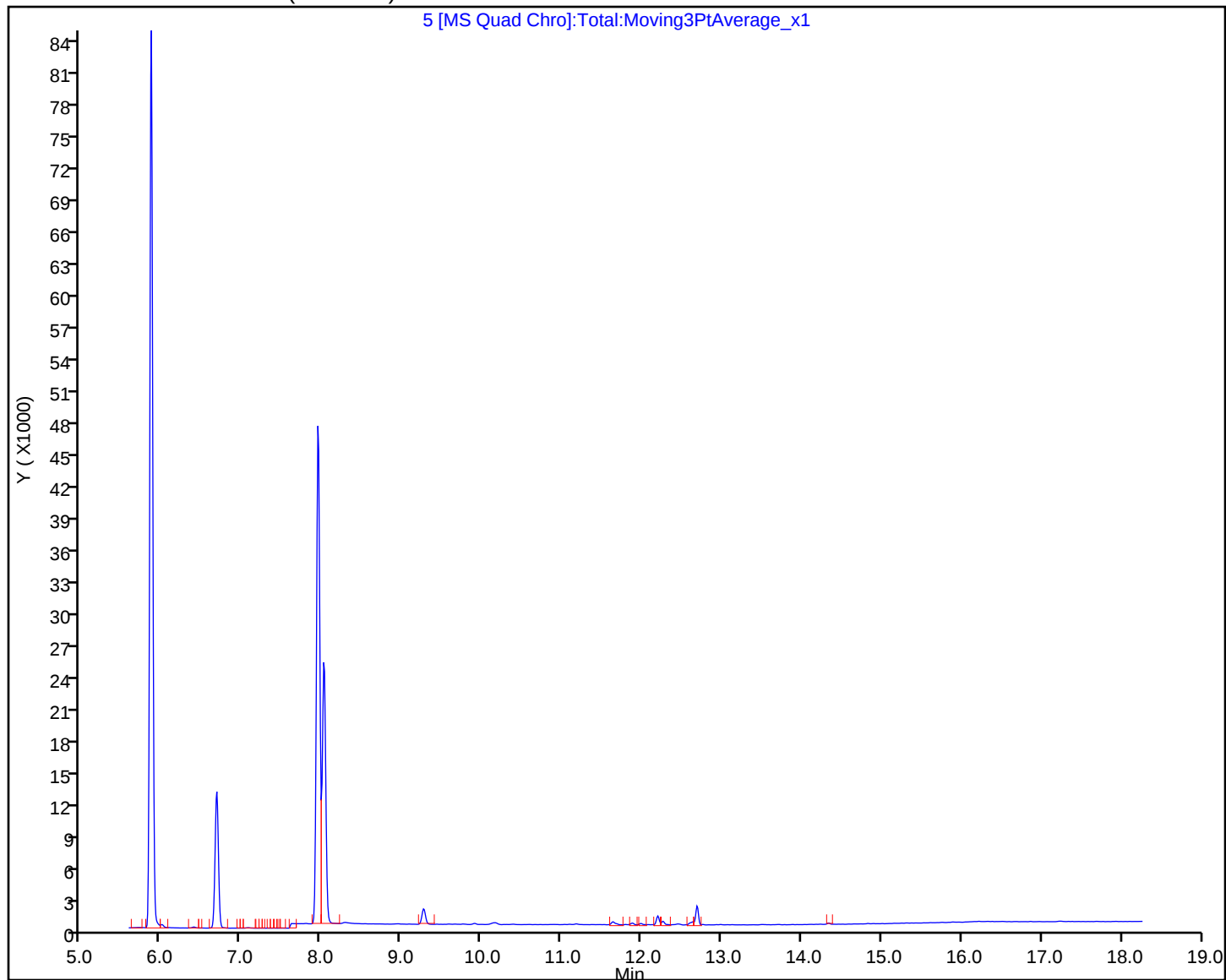
1.0000

Method: 522_GCMS-DM

Limit Group:

MSS - 522

Column: CP Select 624 MS (0.25 mm)



Eurofins Eaton Analytical South Bend

Data File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250910-41284.b\5.D

Injection Date: 11-Sep-2025 13:15:02

Instrument ID: GCMS-DM

Lims ID: ICISAV 810-159612/10-A

Client ID:

Operator ID: TD

ALS Bottle#:

9

Worklist Smp#: 9

Injection Vol: 1.0 ul

Dil. Factor:

1.0000

Method: 522_GCMS-DM

Limit Group:

MSS - 522

Column: CP Select 624 MS (0.25 mm)

Detector

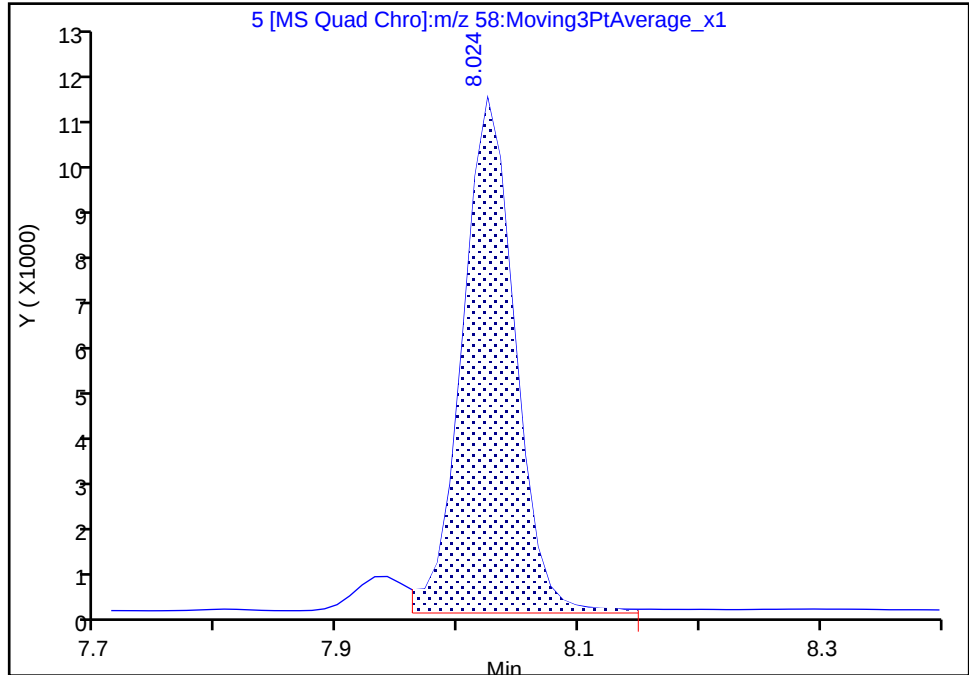
MS Quad

11 1,4-Dioxane, CAS: 123-91-1

Signal: 2

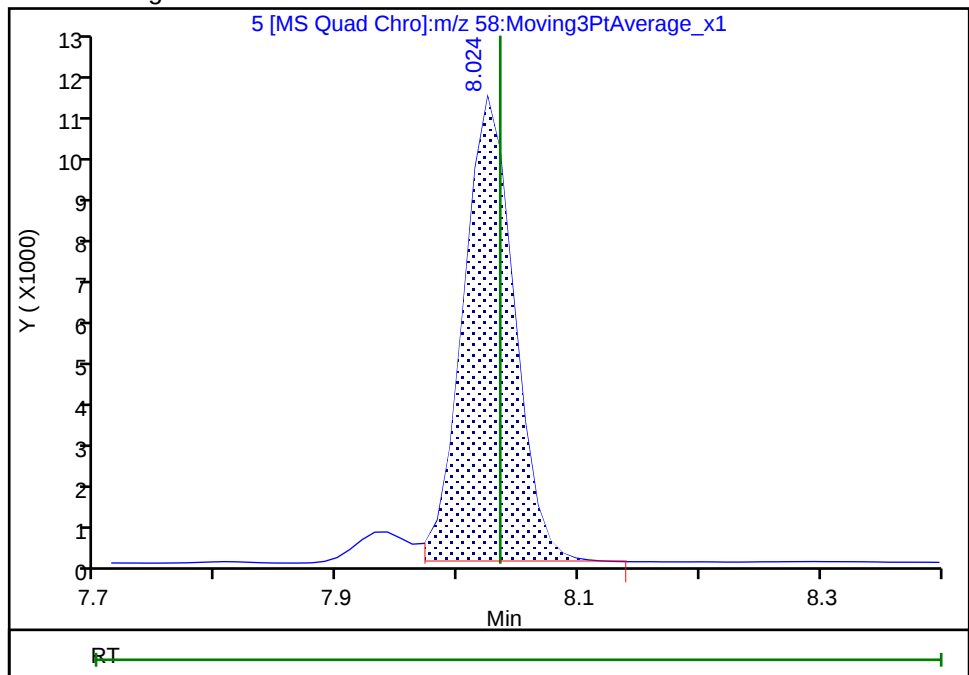
RT: 8.02
Area: 33917
Amount: 269.8394
Amount Units: ug/l

Processing Integration Results



RT: 8.02
Area: 32558
Amount: 260.3630
Amount Units: ug/l

Manual Integration Results



Reviewer: JH8B, 12-Sep-2025 09:36:07 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Baseline

Eurofins Eaton Analytical South Bend
Target Compound Quantitation Report

Data File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250910-41284.b\10 .D
 Lims ID: IC 810-159612/11-A
 Client ID:
 Sample Type: IC Calib Level: 8
 Inject. Date: 11-Sep-2025 13:40:08 ALS Bottle#: 10 Worklist Smp#: 10
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 810-0041284-010
 Misc. Info.: IC 810-159612/11-A
 Operator ID: TD Instrument ID: GCMS-DM
 Sublist: chrom-522_GCMS-DM*sub3
 Raw Data: Smoothed
 Method: \\ChromFS\Southbend\ChromData\GCMS-DM\20250910-41284.b\522_GCMS-DM.m
 Limit Group: MSS - 522
 Last Update: 16-Sep-2025 09:57:17 Calib Date: 11-Sep-2025 14:54:49
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250910-41284.b\100.D
 Column 1 : CP Select 624 MS (0.25 mm) Det: MS Quad
 Process Host: CTX1722

First Level Reviewer: JH8B

Date: 12-Sep-2025 09:36:29

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 5 Tetrahydrofuran-d8	46	5.870	5.862	0.008	26	101564	500.0	500.0	
\$ 9 1,4-Dioxane-d8 (Surr)	96	7.962	7.952	0.010	0	75043	500.0	503.1	
11 1,4-Dioxane	88	8.035	8.035	0.000	84	83325	500.0	516.5	M
10 BFB									

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

O-522BFBSUB_00027

Amount Added: 1.00

Units: mL

Run Reagent

Report Date: 16-Sep-2025 09:57:17

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Eaton Analytical South Bend

Data File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250910-41284.b\10.D

Injection Date: 11-Sep-2025 13:40:08

Instrument ID: GCMS-DM

Lims ID: IC 810-159612/11-A

Client ID:

Operator ID: TD

ALS Bottle#: 10

Worklist Smp#: 10

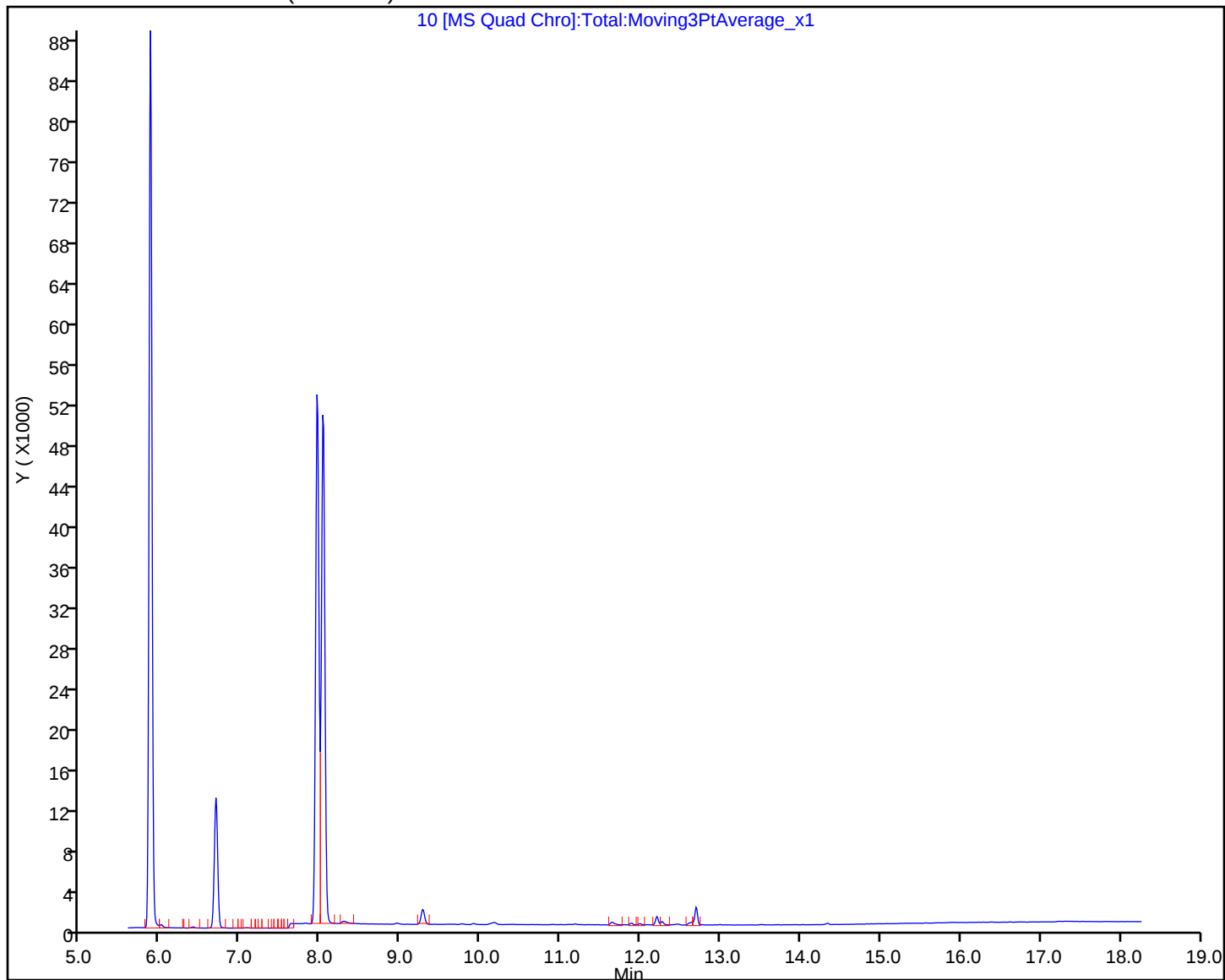
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: 522_GCMS-DM

Limit Group: MSS - 522

Column: CP Select 624 MS (0.25 mm)



Eurofins Eaton Analytical South Bend

Data File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250910-41284.b\10 .D

Injection Date: 11-Sep-2025 13:40:08

Instrument ID: GCMS-DM

Lims ID: IC 810-159612/11-A

Client ID:

Operator ID: TD

ALS Bottle#:

10

Worklist Smp#: 10

Injection Vol: 1.0 ul

Dil. Factor:

1.0000

Method: 522_GCMS-DM

Limit Group:

MSS - 522

Column: CP Select 624 MS (0.25 mm)

Detector

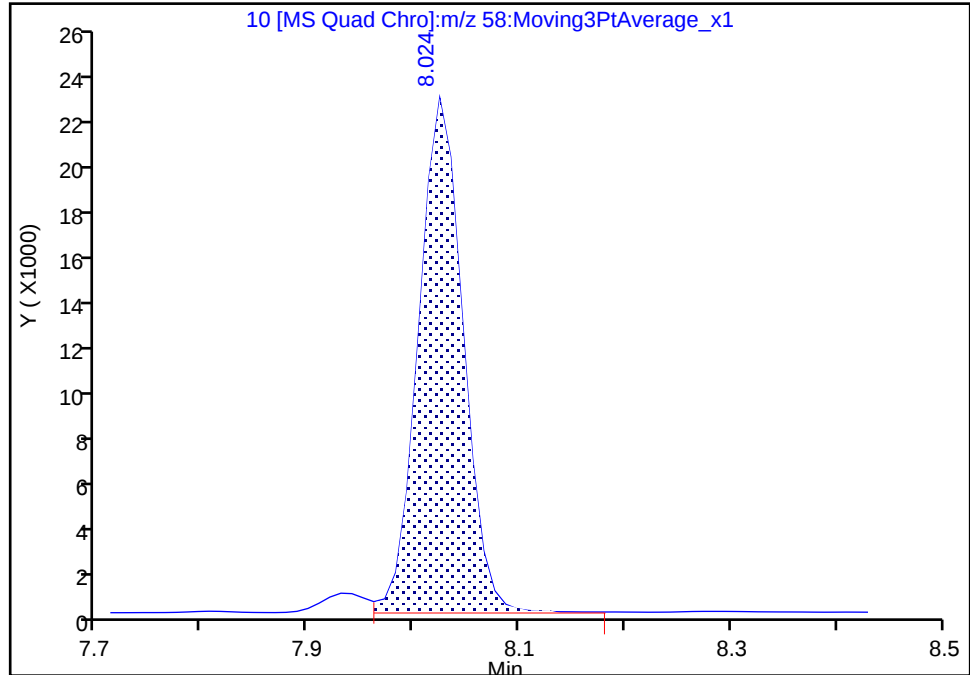
MS Quad

11 1,4-Dioxane, CAS: 123-91-1

Signal: 2

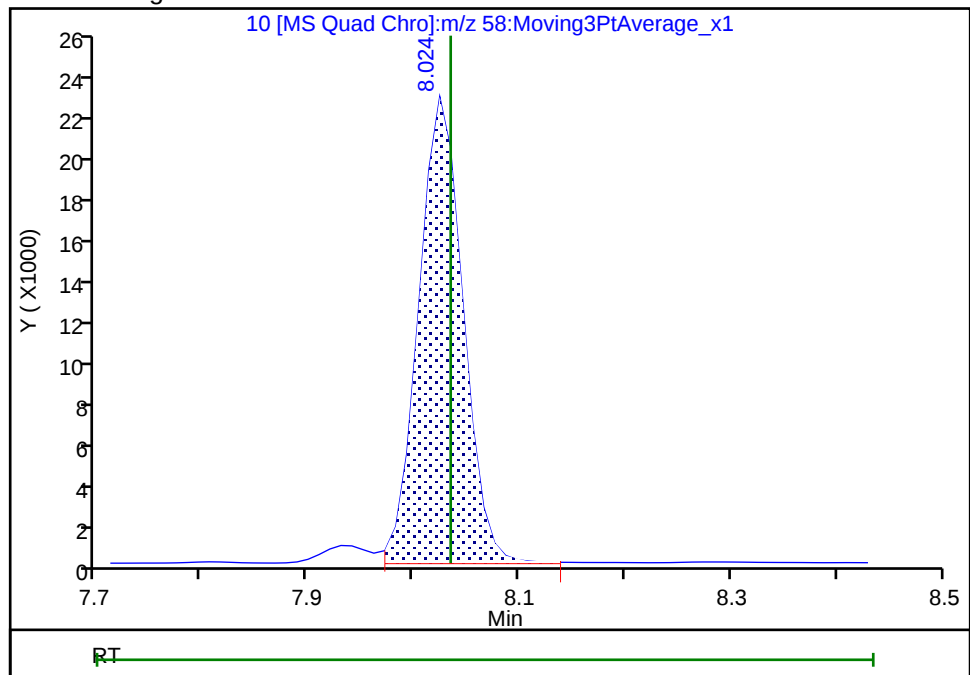
RT: 8.02
Area: 67686
Amount: 535.7524
Amount Units: ug/l

Processing Integration Results



RT: 8.02
Area: 66165
Amount: 516.5352
Amount Units: ug/l

Manual Integration Results



Reviewer: JH8B, 12-Sep-2025 09:36:28 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Baseline

Eurofins Eaton Analytical South Bend
Target Compound Quantitation Report

Data File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250910-41284.b\20.D
 Lims ID: IC 810-159612/12-A
 Client ID:
 Sample Type: IC Calib Level: 9
 Inject. Date: 11-Sep-2025 14:04:59 ALS Bottle#: 11 Worklist Smp#: 11
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 810-0041284-011
 Misc. Info.: IC 810-159612/12-A
 Operator ID: TD Instrument ID: GCMS-DM
 Sublist: chrom-522_GCMS-DM*sub3
 Raw Data: Smoothed
 Method: \\ChromFS\Southbend\ChromData\GCMS-DM\20250910-41284.b\522_GCMS-DM.m
 Limit Group: MSS - 522
 Last Update: 16-Sep-2025 09:57:18 Calib Date: 11-Sep-2025 14:54:49
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250910-41284.b\100.D
 Column 1 : CP Select 624 MS (0.25 mm) Det: MS Quad
 Process Host: CTX1722

First Level Reviewer: JH8B

Date: 12-Sep-2025 09:36:44

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 5 Tetrahydrofuran-d8	46	5.870	5.862	0.008	25	97762	500.0	500.0	
\$ 9 1,4-Dioxane-d8 (Surr)	96	7.962	7.952	0.010	0	74610	500.0	519.6	
11 1,4-Dioxane	88	8.035	8.035	0.000	84	158743	1000.0	1022.2	M
10 BFB									

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

O-522BFBSUB_00027

Amount Added: 1.00

Units: mL

Run Reagent

Report Date: 16-Sep-2025 09:57:18

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Eaton Analytical South Bend

Data File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250910-41284.b\20.D

Injection Date: 11-Sep-2025 14:04:59

Instrument ID: GCMS-DM

Lims ID: IC 810-159612/12-A

Client ID:

Operator ID: TD

ALS Bottle#: 11

Worklist Smp#: 11

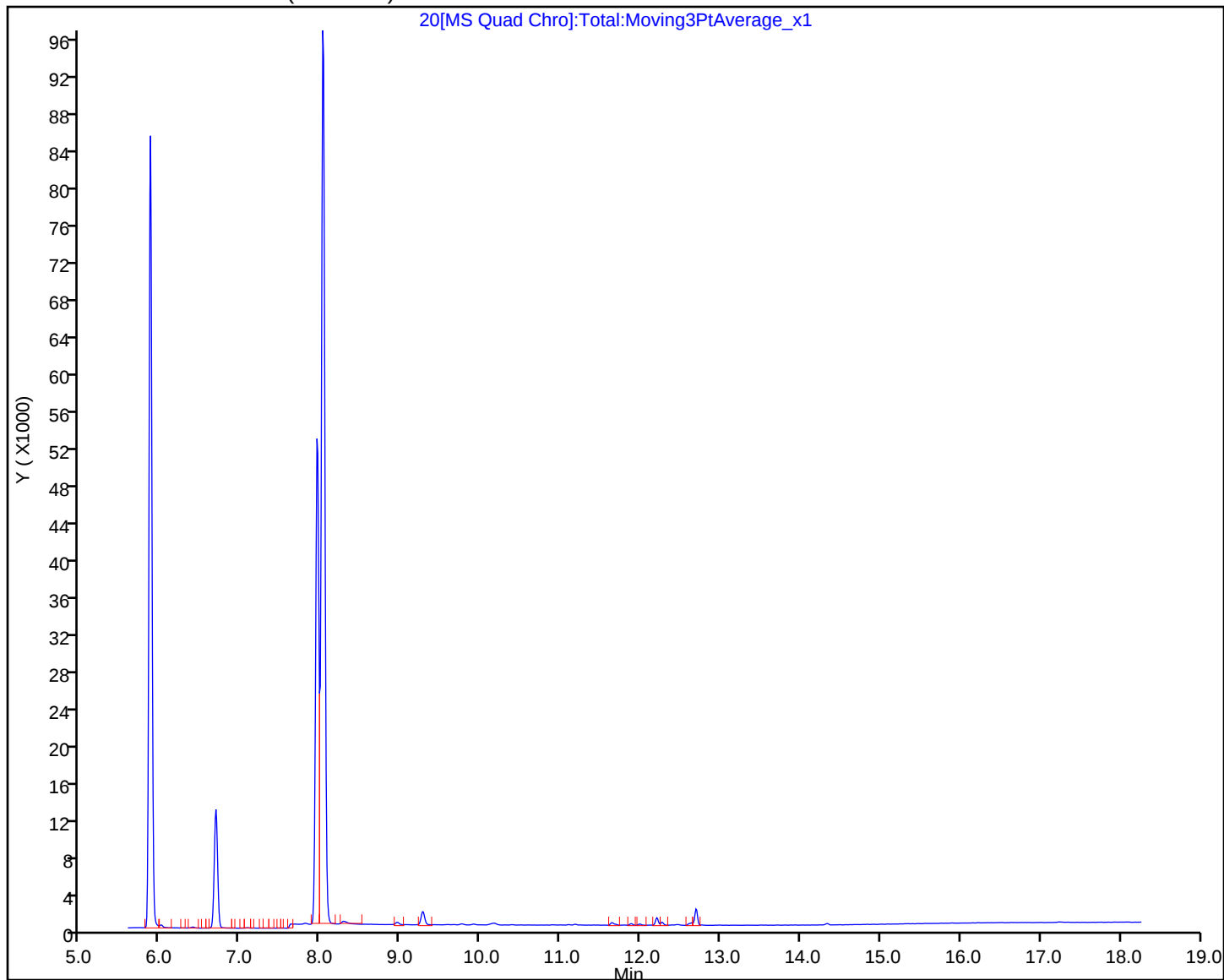
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: 522_GCMS-DM

Limit Group: MSS - 522

Column: CP Select 624 MS (0.25 mm)



Eurofins Eaton Analytical South Bend

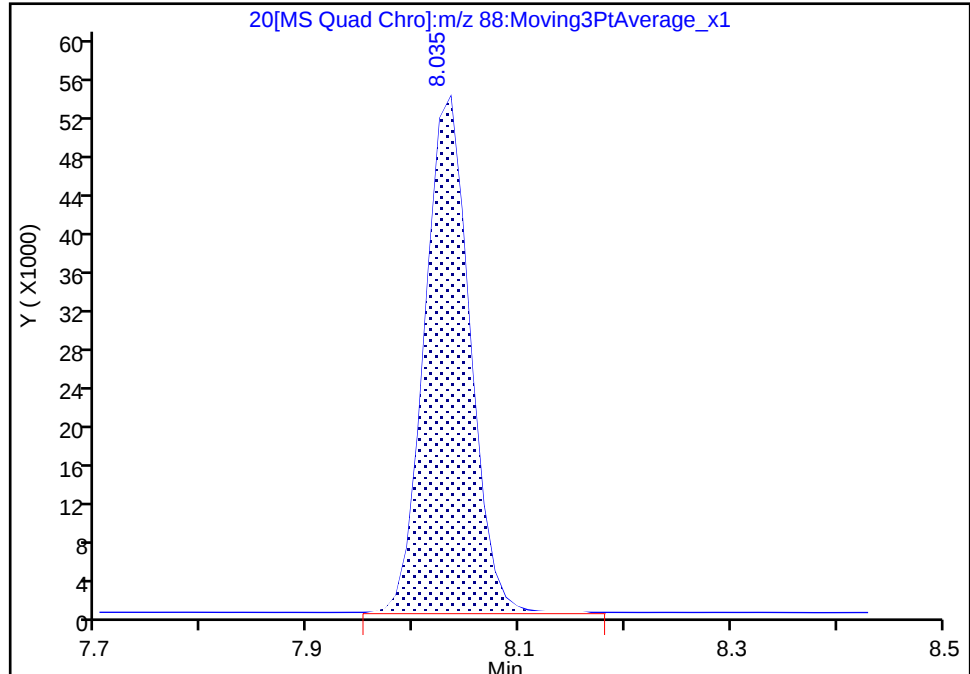
Data File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250910-41284.b\20.D
Injection Date: 11-Sep-2025 14:04:59 Instrument ID: GCMS-DM
Lims ID: IC 810-159612/12-A
Client ID:
Operator ID: TD ALS Bottle#: 11 Worklist Smp#: 11
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 522_GCMS-DM Limit Group: MSS - 522
Column: CP Select 624 MS (0.25 mm) Detector MS Quad

11 1,4-Dioxane, CAS: 123-91-1

Signal: 1

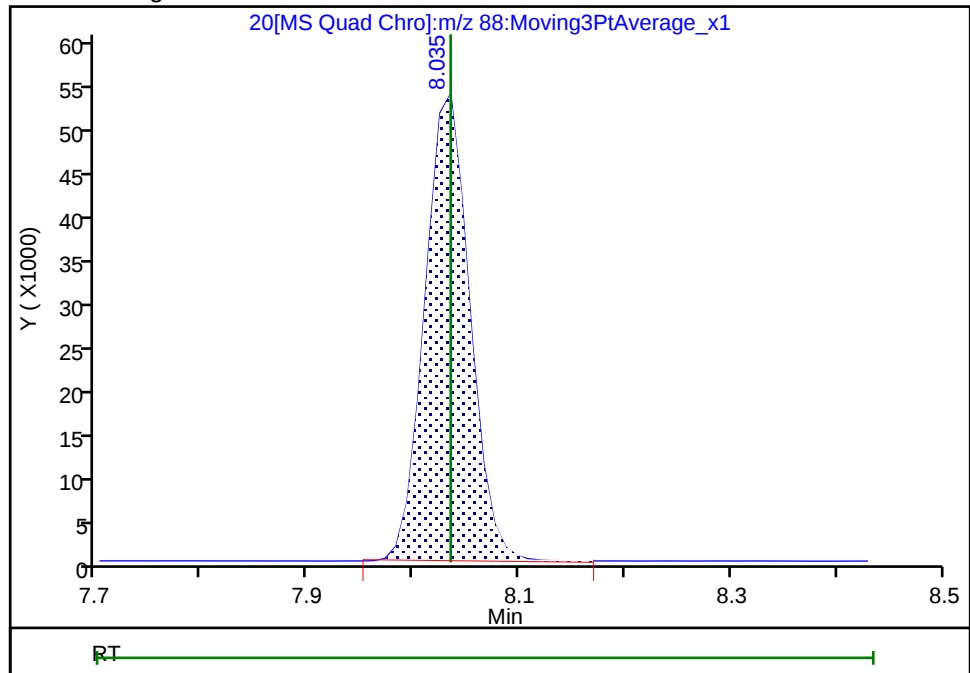
RT: 8.03
Area: 161304
Amount: 1036.5262
Amount Units: ug/l

Processing Integration Results



RT: 8.03
Area: 158743
Amount: 1022.1683
Amount Units: ug/l

Manual Integration Results



Reviewer: JH8B, 12-Sep-2025 09:36:39 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Baseline

Eurofins Eaton Analytical South Bend
Target Compound Quantitation Report

Data File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250910-41284.b\50.D
 Lims ID: IC 810-159612/13-A
 Client ID:
 Sample Type: IC Calib Level: 10
 Inject. Date: 11-Sep-2025 14:29:35 ALS Bottle#: 12 Worklist Smp#: 12
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 810-0041284-012
 Misc. Info.: IC 810-159612/13-A
 Operator ID: TD Instrument ID: GCMS-DM
 Sublist: chrom-522_GCMS-DM*sub3
 Raw Data: Smoothed
 Method: \\ChromFS\Southbend\ChromData\GCMS-DM\20250910-41284.b\522_GCMS-DM.m
 Limit Group: MSS - 522
 Last Update: 16-Sep-2025 09:57:19 Calib Date: 11-Sep-2025 14:54:49
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250910-41284.b\100.D
 Column 1 : CP Select 624 MS (0.25 mm) Det: MS Quad
 Process Host: CTX1722

First Level Reviewer: JH8B

Date: 12-Sep-2025 09:36:57

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 5 Tetrahydrofuran-d8	46	5.862	5.862	0.000	26	96203	500.0	500.0	
\$ 9 1,4-Dioxane-d8 (Surr)	96	7.952	7.952	0.000	0	73758	500.0	522.0	
11 1,4-Dioxane	88	8.024	8.035	-0.011	85	389206	2500.0	2546.5	M
10 BFB									

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

O-522BFBSUB_00027

Amount Added: 1.00

Units: mL

Run Reagent

Report Date: 16-Sep-2025 09:57:19

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Eaton Analytical South Bend

Data File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250910-41284.b\50.D

Injection Date: 11-Sep-2025 14:29:35

Instrument ID: GCMS-DM

Lims ID: IC 810-159612/13-A

Client ID:

Operator ID: TD

ALS Bottle#: 12

Worklist Smp#: 12

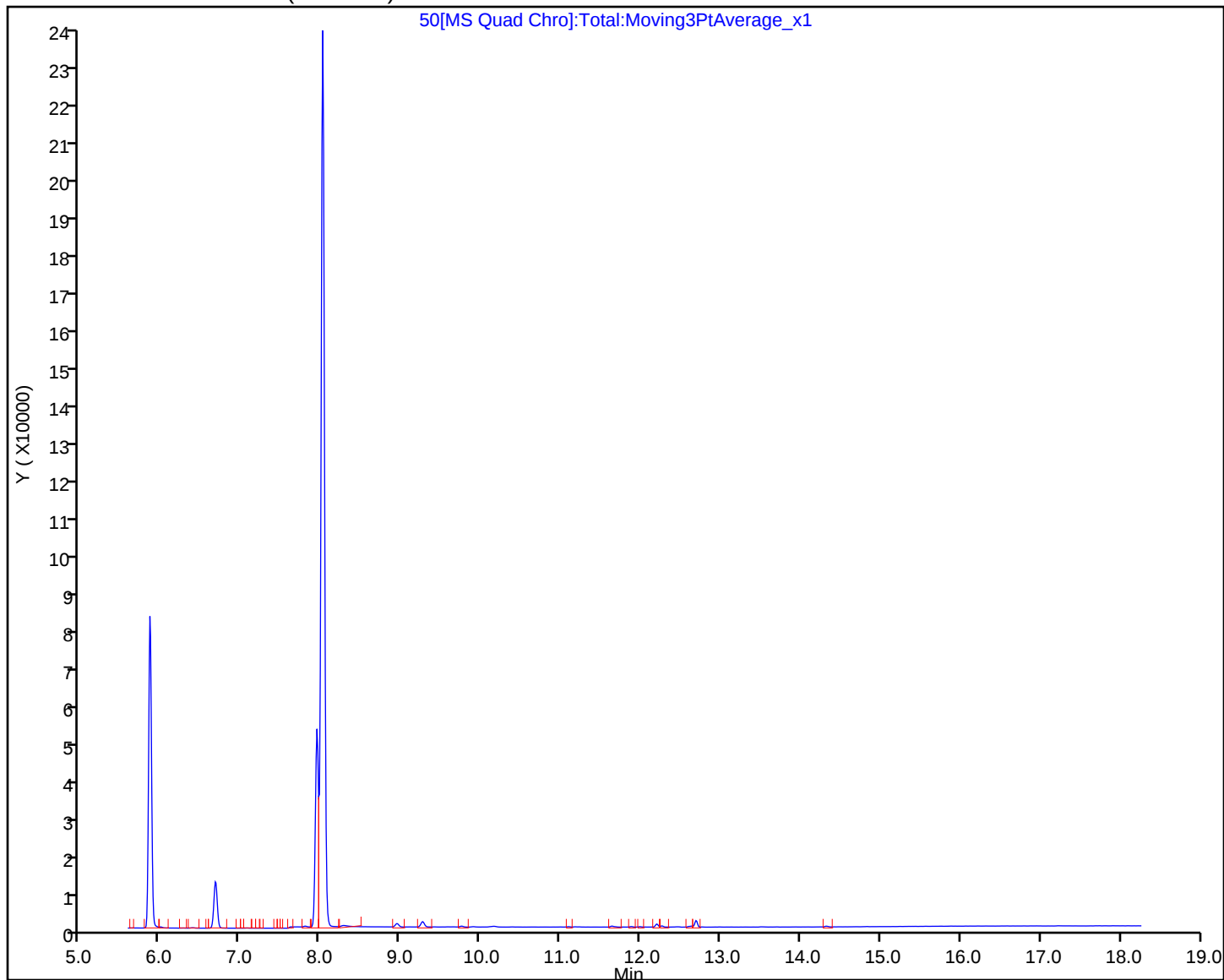
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: 522_GCMS-DM

Limit Group: MSS - 522

Column: CP Select 624 MS (0.25 mm)



Eurofins Eaton Analytical South Bend

Data File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250910-41284.b\50.D

Injection Date: 11-Sep-2025 14:29:35

Instrument ID: GCMS-DM

Lims ID: IC 810-159612/13-A

Client ID:

Operator ID: TD

ALS Bottle#:

12

Worklist Smp#: 12

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: 522_GCMS-DM

Limit Group: MSS - 522

Column: CP Select 624 MS (0.25 mm)

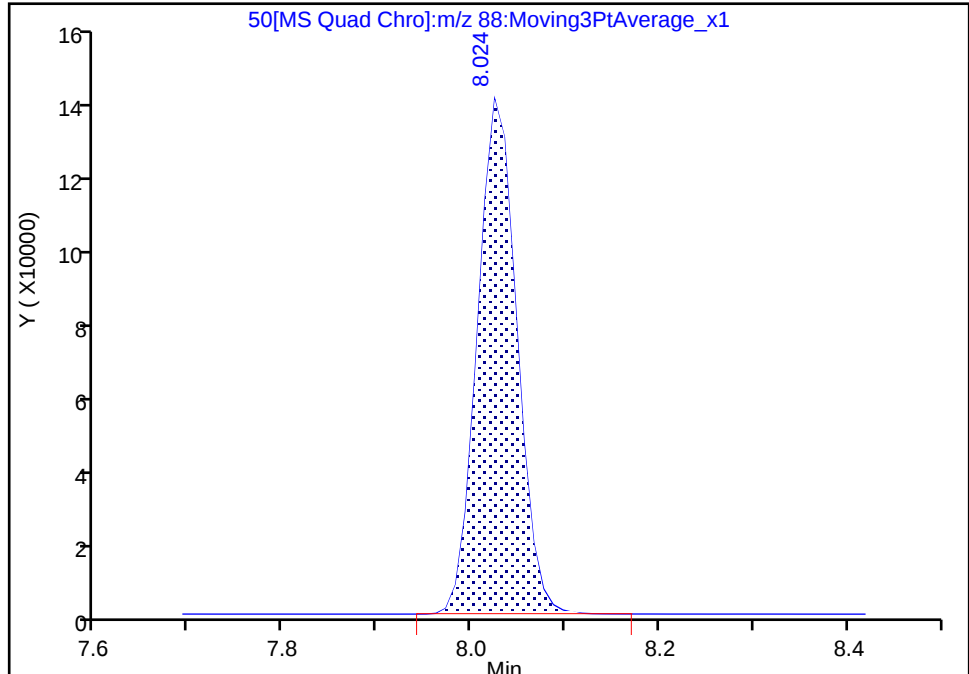
Detector: MS Quad

11 1,4-Dioxane, CAS: 123-91-1

Signal: 1

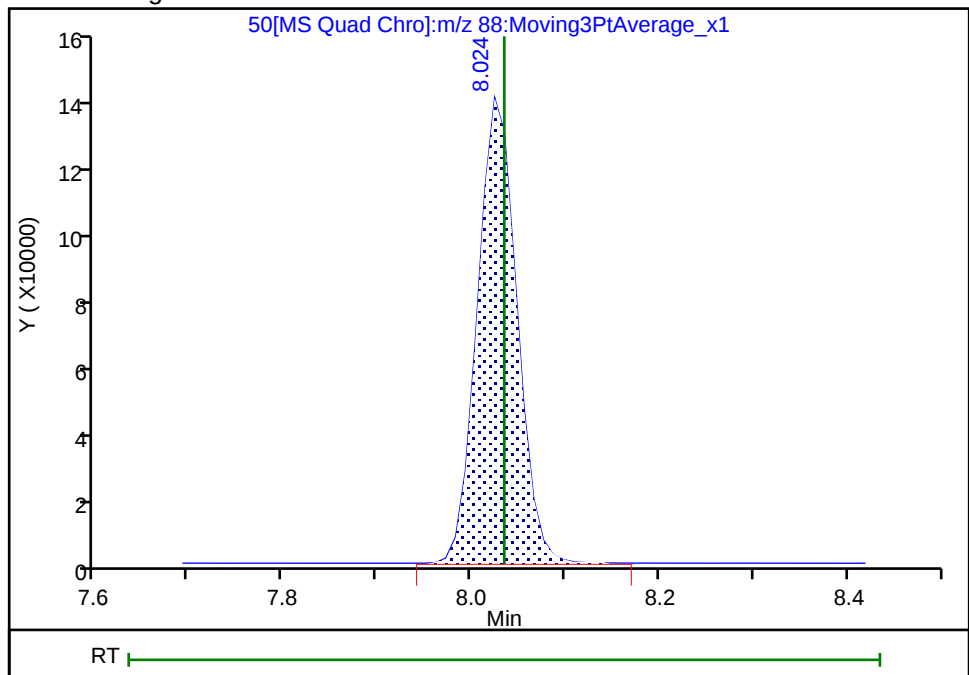
RT: 8.02
Area: 389650
Amount: 2548.6404
Amount Units: ug/l

Processing Integration Results



RT: 8.02
Area: 389206
Amount: 2546.5262
Amount Units: ug/l

Manual Integration Results



Reviewer: JH8B, 12-Sep-2025 09:36:54 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Baseline

Eurofins Eaton Analytical South Bend
Target Compound Quantitation Report

Data File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250910-41284.b\100.D
 Lims ID: IC 810-159612/14-A
 Client ID:
 Sample Type: IC Calib Level: 11
 Inject. Date: 11-Sep-2025 14:54:49 ALS Bottle#: 13 Worklist Smp#: 13
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 810-0041284-013
 Misc. Info.: IC 810-159612/14-A
 Operator ID: TD Instrument ID: GCMS-DM
 Sublist: chrom-522_GCMS-DM*sub3
 Raw Data: Smoothed
 Method: \\ChromFS\Southbend\ChromData\GCMS-DM\20250910-41284.b\522_GCMS-DM.m
 Limit Group: MSS - 522
 Last Update: 16-Sep-2025 09:57:20 Calib Date: 11-Sep-2025 14:54:49
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250910-41284.b\100.D
 Column 1 : CP Select 624 MS (0.25 mm) Det: MS Quad
 Process Host: CTX1722

First Level Reviewer: JH8B

Date: 12-Sep-2025 09:37:09

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 5 Tetrahydrofuran-d8	46	5.862	5.862	0.000	26	104060	500.0	500.0	
\$ 9 1,4-Dioxane-d8 (Surr)	96	7.952	7.952	0.000	0	71564	500.0	468.2	
11 1,4-Dioxane	88	8.025	8.035	-0.010	85	812392	5000.0	4913.9	M
10 BFB									

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

O-522BFBSUB_00027

Amount Added: 1.00

Units: mL

Run Reagent

Report Date: 16-Sep-2025 09:57:20

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Eaton Analytical South Bend

Data File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250910-41284.b\100.D

Injection Date: 11-Sep-2025 14:54:49

Instrument ID: GCMS-DM

Lims ID: IC 810-159612/14-A

Client ID:

Operator ID: TD

ALS Bottle#: 13

Worklist Smp#: 13

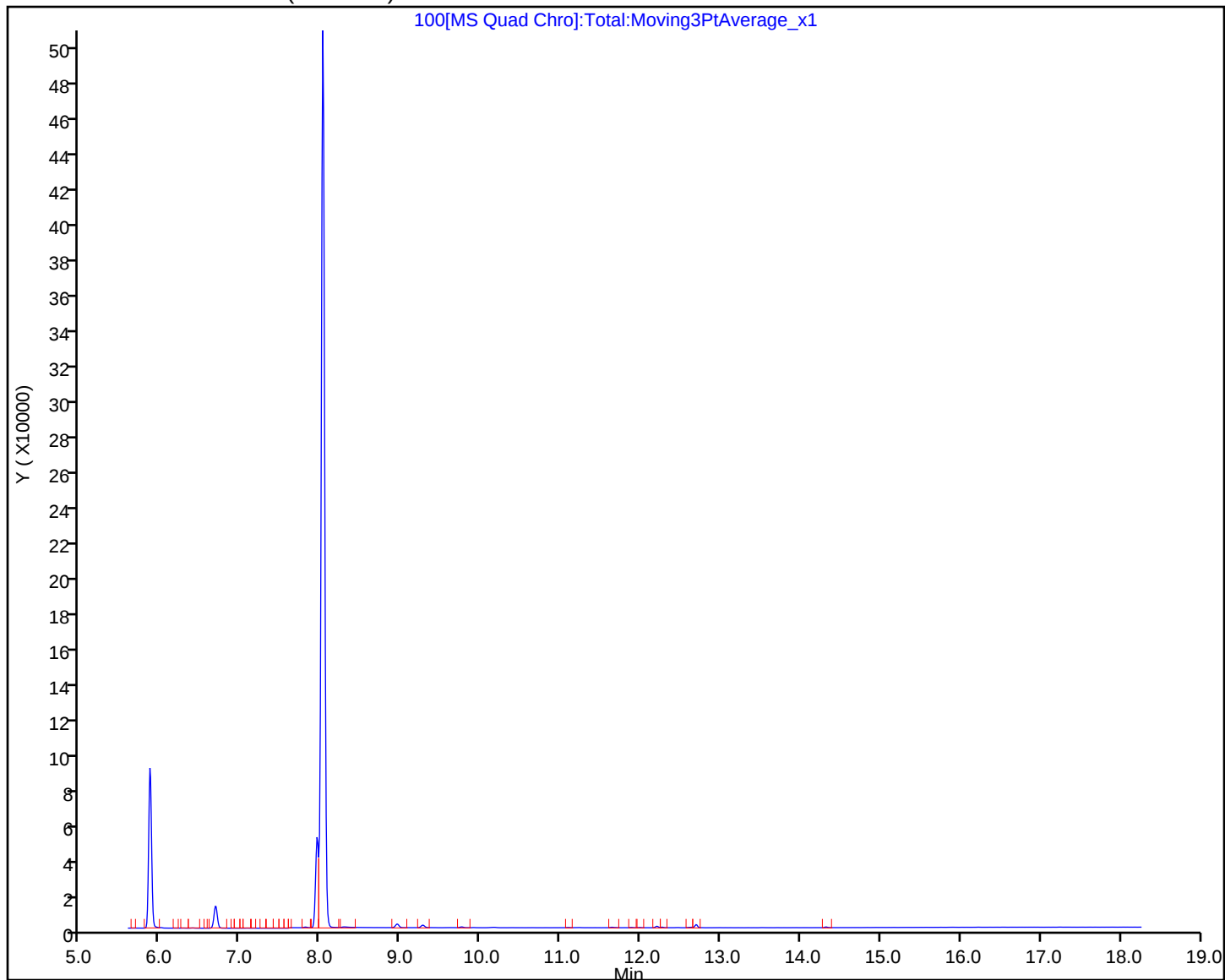
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: 522_GCMS-DM

Limit Group: MSS - 522

Column: CP Select 624 MS (0.25 mm)



Eurofins Eaton Analytical South Bend

Data File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250910-41284.b\100.D

Injection Date: 11-Sep-2025 14:54:49

Instrument ID: GCMS-DM

Lims ID: IC 810-159612/14-A

Client ID:

Operator ID: TD

ALS Bottle#:

13

Worklist Smp#: 13

Injection Vol: 1.0 ul

Dil. Factor:

1.0000

Method: 522_GCMS-DM

Limit Group:

MSS - 522

Column: CP Select 624 MS (0.25 mm)

Detector

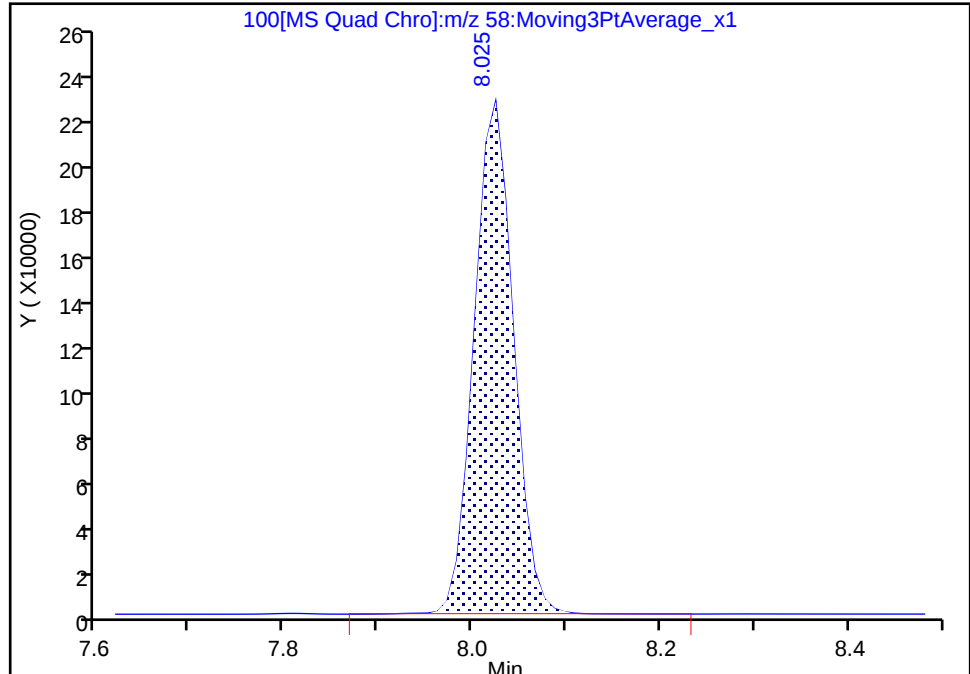
MS Quad

11 1,4-Dioxane, CAS: 123-91-1

Signal: 2

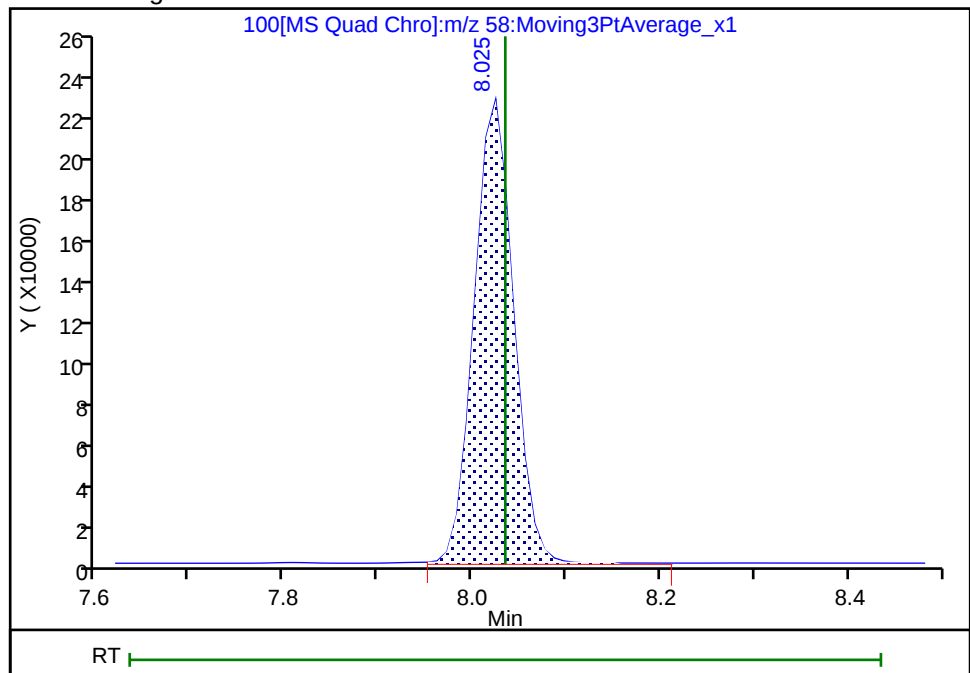
RT: 8.02
Area: 647401
Amount: 4913.8957
Amount Units: ug/l

Processing Integration Results



RT: 8.02
Area: 644494
Amount: 4913.8957
Amount Units: ug/l

Manual Integration Results



Reviewer: JH8B, 12-Sep-2025 09:37:08 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Baseline

Calibration

/ 1,4-Dioxane-d8 (Surr)

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

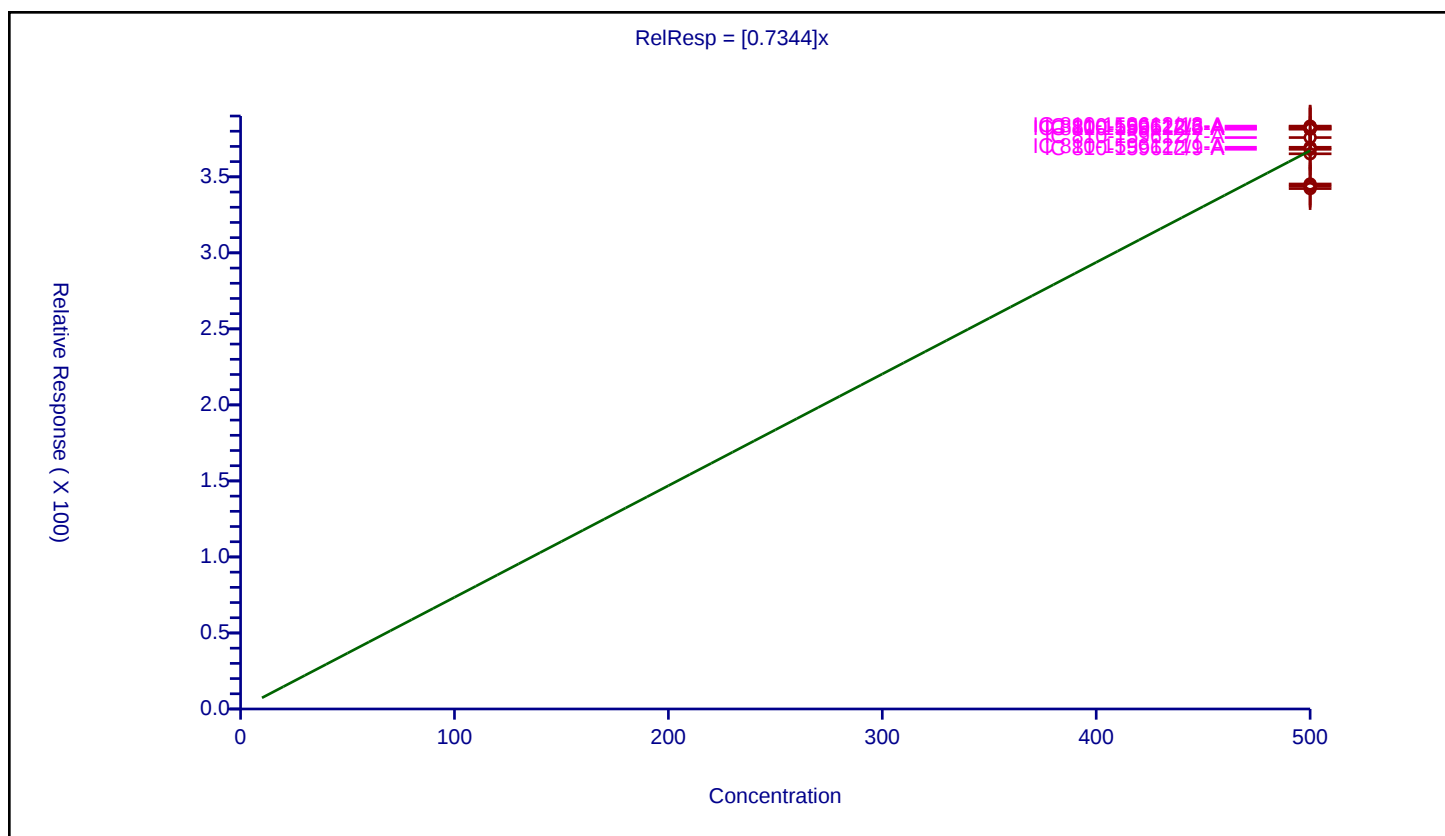
Curve Coefficients

Intercept: 0
Slope: 0.7344

Error Coefficients

Relative Standard Deviation: 4.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 810-159612/4-A	500.0	342.265449	500.0	113355.0	0.684531	Y
2	IC 810-159612/5-A	500.0	382.911678	500.0	99647.0	0.765823	Y
3	IC 810-159612/6-A	500.0	381.378203	500.0	97794.0	0.762756	Y
4	IC 810-159612/7-A	500.0	375.820125	500.0	94955.0	0.75164	Y
5	IC 810-159612/8-A	500.0	365.142846	500.0	101893.0	0.730286	Y
6	IC 810-159612/9-A	500.0	368.113224	500.0	103441.0	0.736226	Y
7	ICISAV 810-159612/10-A	500.0	345.299373	500.0	97721.0	0.690599	Y
8	IC 810-159612/11-A	500.0	369.437005	500.0	101564.0	0.738874	Y
9	IC 810-159612/12-A	500.0	381.589984	500.0	97762.0	0.76318	Y
10	IC 810-159612/13-A	500.0	383.345634	500.0	96203.0	0.766691	Y
11	IC 810-159612/14-A	500.0	343.859312	500.0	104060.0	0.687719	Y



Calibration

/ 1,4-Dioxane

Curve Type: Linear
Weighting: Conc
Origin: None
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

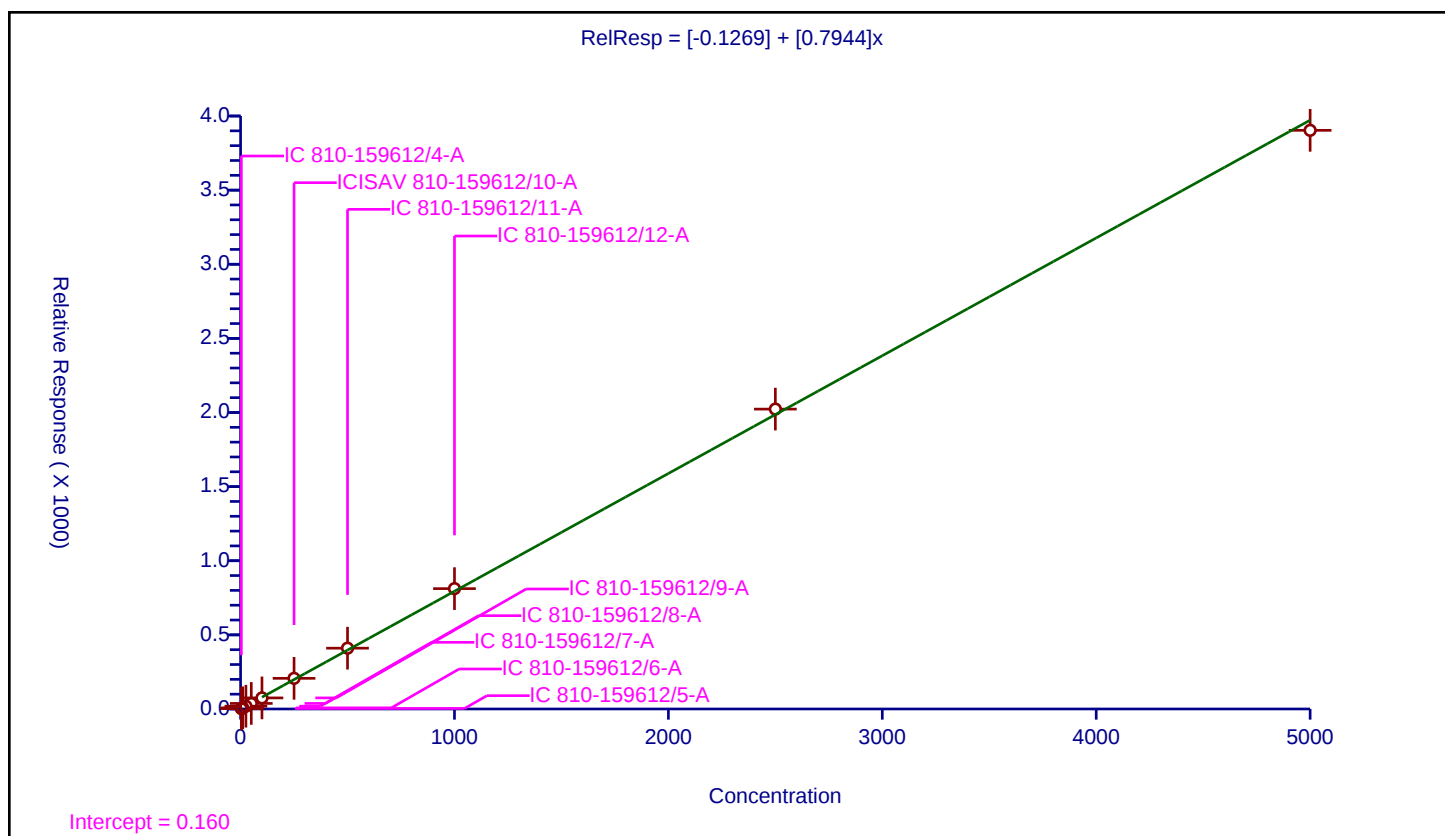
Curve Coefficients

Intercept: -0.1269
Slope: 0.7944

Error Coefficients

Relative Standard Deviation: 4.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 810-159612/4-A	3.5	2.862688	500.0	113355.0	0.817911	Y
2	IC 810-159612/5-A	5.0	3.803426	500.0	99647.0	0.760685	Y
3	IC 810-159612/6-A	10.0	7.802115	500.0	97794.0	0.780211	Y
4	IC 810-159612/7-A	25.0	18.73519	500.0	94955.0	0.749408	Y
5	IC 810-159612/8-A	50.0	37.490308	500.0	101893.0	0.749806	Y
6	IC 810-159612/9-A	100.0	74.723756	500.0	103441.0	0.747238	Y
7	ICISAV 810-159612/10-A	250.0	206.705826	500.0	97721.0	0.826823	Y
8	IC 810-159612/11-A	500.0	410.209326	500.0	101564.0	0.820419	Y
9	IC 810-159612/12-A	1000.0	811.884986	500.0	97762.0	0.811885	Y
10	IC 810-159612/13-A	2500.0	2022.837126	500.0	96203.0	0.809135	Y
11	IC 810-159612/14-A	5000.0	3903.478762	500.0	104060.0	0.780696	Y



FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Eaton Analytical South Job No.: 810-164749-1 Analy Batch No.: 161928
Bend

SDG No.:

Instrument ID: GCMS-DM GC Column: CPSelect 62 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/26/2025 08:48 Calibration End Date: 09/26/2025 12:59 Calibration ID: 17690

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 810-161845/4-A	IC1.D
Level 2	IC 810-161845/5-A	IC2.D
Level 3	IC 810-161845/6-A	IC3.D
Level 4	IC 810-161845/7-A	IC4.D
Level 5	IC 810-161845/8-A	IC5.D
Level 6	IC 810-161845/9-A	IC6.D
Level 7	ICISAV 810-161845/10-A	IC7.D
Level 8	IC 810-161845/11-A	IC8.D
Level 9	IC 810-161845/12-A	IC9.D
Level 10	IC 810-161845/13-A	IC10.D
Level 11	IC 810-161845/14-A	IC11.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6 LVL 11	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5 LVL 10		B	M1	M2								
1,4-Dioxane	0.8386 0.7760 0.7994	0.8407 0.6930	0.7599 0.8274	0.7385 0.7894	0.7534 0.7909	Lin1	-0.19 6	0.794 3				7.6					
1,4-Dioxane-d8 (Surr)	0.7981 0.7914 0.7362	0.7942 0.6886	0.7931 0.7720	0.7833 0.7576	0.7751 0.7676	Ave		0.768 8				4.2		30.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Eaton Analytical South Bend Job No.: 810-164749-1 Analy Batch No.: 161928

SDG No.: _____

Instrument ID: GCMS-DM GC Column: CPSelect 6 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/26/2025 08:48 Calibration End Date: 09/26/2025 12:59 Calibration ID: 17690

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 810-161845/4-A	IC1.D
Level 2	IC 810-161845/5-A	IC2.D
Level 3	IC 810-161845/6-A	IC3.D
Level 4	IC 810-161845/7-A	IC4.D
Level 5	IC 810-161845/8-A	IC5.D
Level 6	IC 810-161845/9-A	IC6.D
Level 7	ICISAV 810-161845/10-A	IC7.D
Level 8	IC 810-161845/11-A	IC8.D
Level 9	IC 810-161845/12-A	IC9.D
Level 10	IC 810-161845/13-A	IC10.D
Level 11	IC 810-161845/14-A	IC11.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6 LVL 11	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5 LVL 10	LVL 1 LVL 6 LVL 11	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5 LVL 10
1,4-Dioxane	THFd8	Lin1	528 14263 712323	750 29326	1402 72966	3458 142798	6716 336772	3.50 100 5000	5.00 250	10.0 500	25.0 1000	50.0 2500
1,4-Dioxane-d8 (Surr)	THFd8	Ave	71785 72736 65600	70851 58280	73163 68080	73352 68519	69097 65373	500 500 500	500 500	500 500	500 500	500 500

Curve Type Legend:

Ave = Average ISTD
Lin1 = Linear 1/conc ISTD

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
READBACK PERCENT ERROR

Lab Name: Eurofins Eaton Analytical South Bend Job No.: 810-164749-1 Analy Batch No.: 161928

SDG No.: _____

Instrument ID: GCMS-DM GC Column: CPSelect 62 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/26/2025 08:48 Calibration End Date: 09/26/2025 12:59 Calibration ID: 17690

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 810-161845/4-A	IC1.D
Level 2	IC 810-161845/5-A	IC2.D
Level 3	IC 810-161845/6-A	IC3.D
Level 4	IC 810-161845/7-A	IC4.D
Level 5	IC 810-161845/8-A	IC5.D
Level 6	IC 810-161845/9-A	IC6.D
Level 7	ICISAV 810-161845/10-A	IC7.D
Level 8	IC 810-161845/11-A	IC8.D
Level 9	IC 810-161845/12-A	IC9.D
Level 10	IC 810-161845/13-A	IC10.D
Level 11	IC 810-161845/14-A	IC11.D

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 #	LVL 2 #	LVL 3 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6
	LVL 7 #	LVL 8 #	LVL 9 #	LVL 10 #	LVL 11 #		LVL 7	LVL 8	LVL 9	LVL 10	LVL 11	
1,4-Dioxane	12.6	10.8	-1.9	-6.0	-4.7	-2.1	40	20	20	20	20	20
	-12.7	4.2	-0.6	-0.4	0.6		20	20	20	20	20	

Eurofins Eaton Analytical South Bend
Target Compound Quantitation Report

Data File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250925-41857.b\IC1.D
 Lims ID: IC 810-161845/4-A
 Client ID:
 Sample Type: IC Calib Level: 1
 Inject. Date: 26-Sep-2025 08:48:43 ALS Bottle#: 3 Worklist Smp#: 3
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 810-0041857-003
 Misc. Info.: IC 810-161845/4-A
 Operator ID: TD Instrument ID: GCMS-DM
 Sublist: chrom-522_GCMS-DM*sub3
 Raw Data: Smoothed
 Method: \\ChromFS\Southbend\ChromData\GCMS-DM\20250925-41857.b\522_GCMS-DM.m
 Limit Group: MSS - 522
 Last Update: 29-Sep-2025 08:07:41 Calib Date: 26-Sep-2025 12:59:32
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250925-41857.b\IC11.D
 Column 1 : CP Select 624 MS (0.25 mm) Det: MS Quad
 Process Host: CTX1719

First Level Reviewer: JH8B

Date: 26-Sep-2025 09:56:02

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 5 Tetrahydrofuran-d8	46	5.854	5.862	-0.008	24	89941	500.0	500.0	
\$ 9 1,4-Dioxane-d8 (Surr)	96	7.962	7.952	0.010	0	71785	500.0	519.1	
11 1,4-Dioxane	88	8.035	8.024	0.011	77	528	3.50	3.94	M
10 BFB									

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

O-522BFBSUB_00029

Amount Added: 1.00

Units: mL

Run Reagent

Report Date: 29-Sep-2025 08:07:41

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Eaton Analytical South Bend

Data File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250925-41857.b\IC1.D

Injection Date: 26-Sep-2025 08:48:43

Instrument ID: GCMS-DM

Lims ID: IC 810-161845/4-A

Client ID:

Operator ID: TD

ALS Bottle#: 3

Worklist Smp#: 3

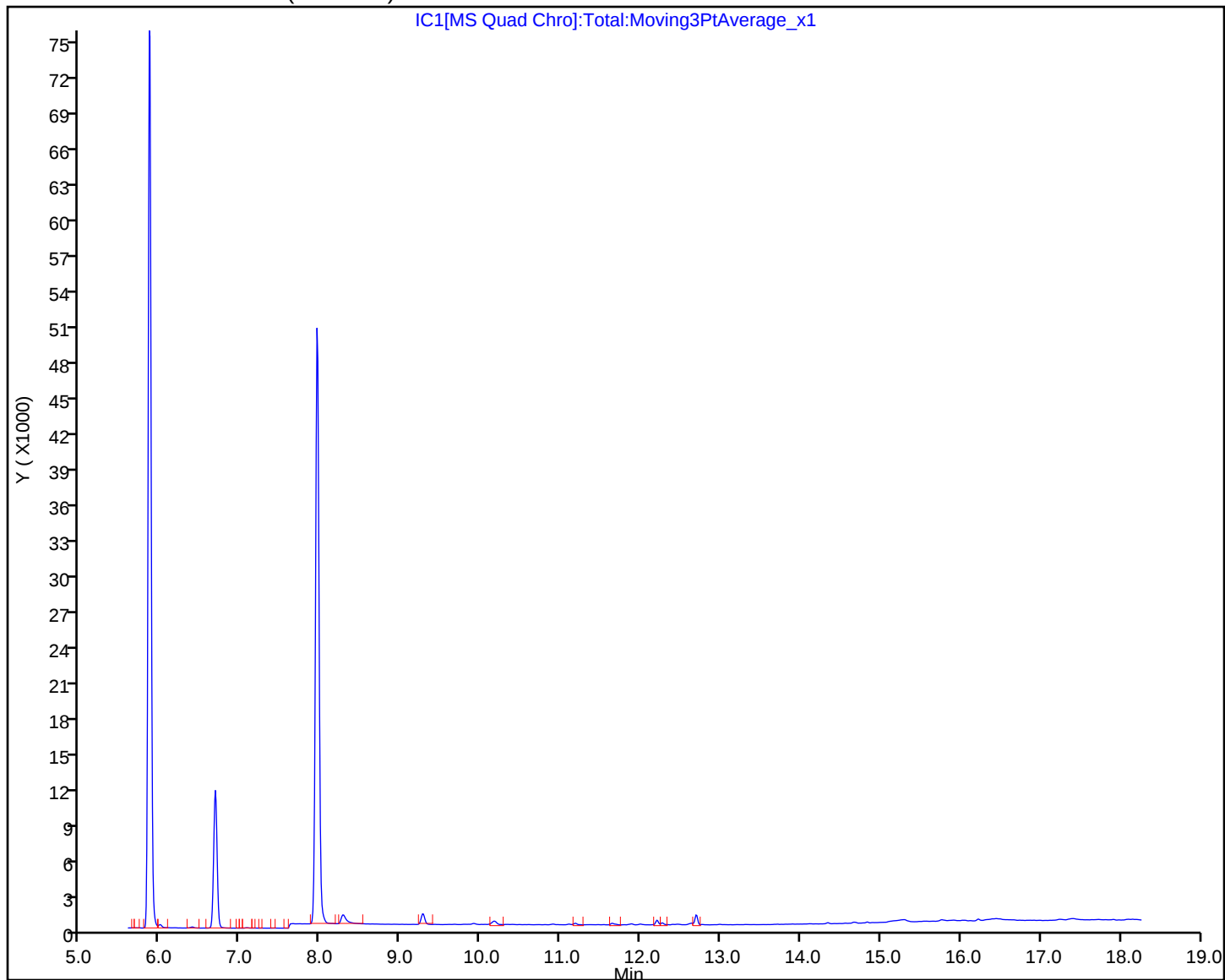
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: 522_GCMS-DM

Limit Group: MSS - 522

Column: CP Select 624 MS (0.25 mm)



Eurofins Eaton Analytical South Bend

Data File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250925-41857.b\IC1.D

Injection Date: 26-Sep-2025 08:48:43

Instrument ID: GCMS-DM

Lims ID: IC 810-161845/4-A

Client ID:

Operator ID: TD

ALS Bottle#:

3

Worklist Smp#: 3

Injection Vol: 1.0 ul

Dil. Factor:

1.0000

Method: 522_GCMS-DM

Limit Group:

MSS - 522

Column: CP Select 624 MS (0.25 mm)

Detector

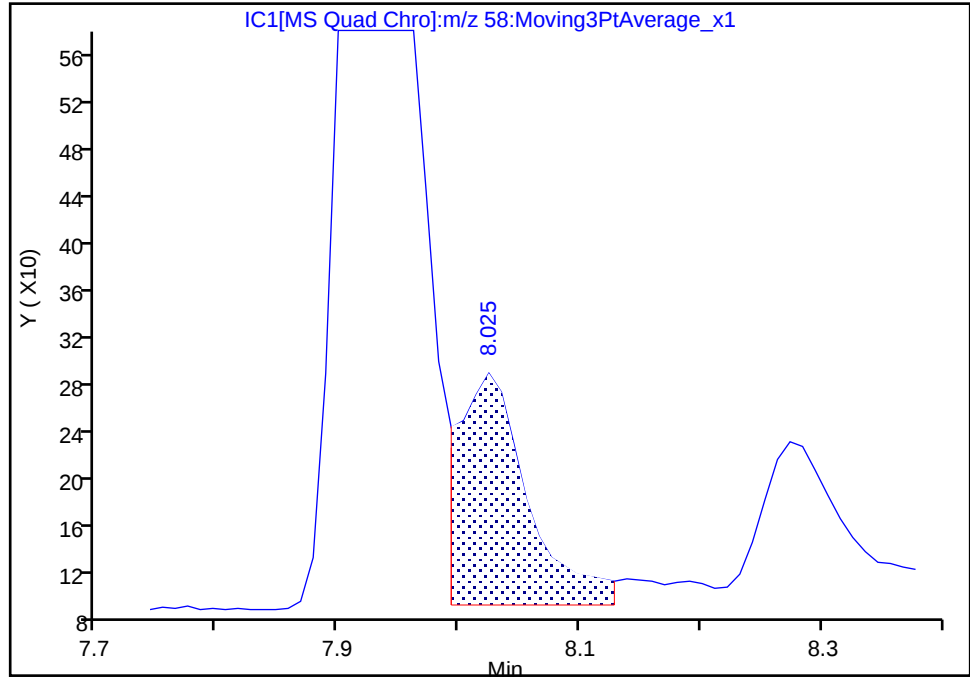
MS Quad

11 1,4-Dioxane, CAS: 123-91-1

Signal: 2

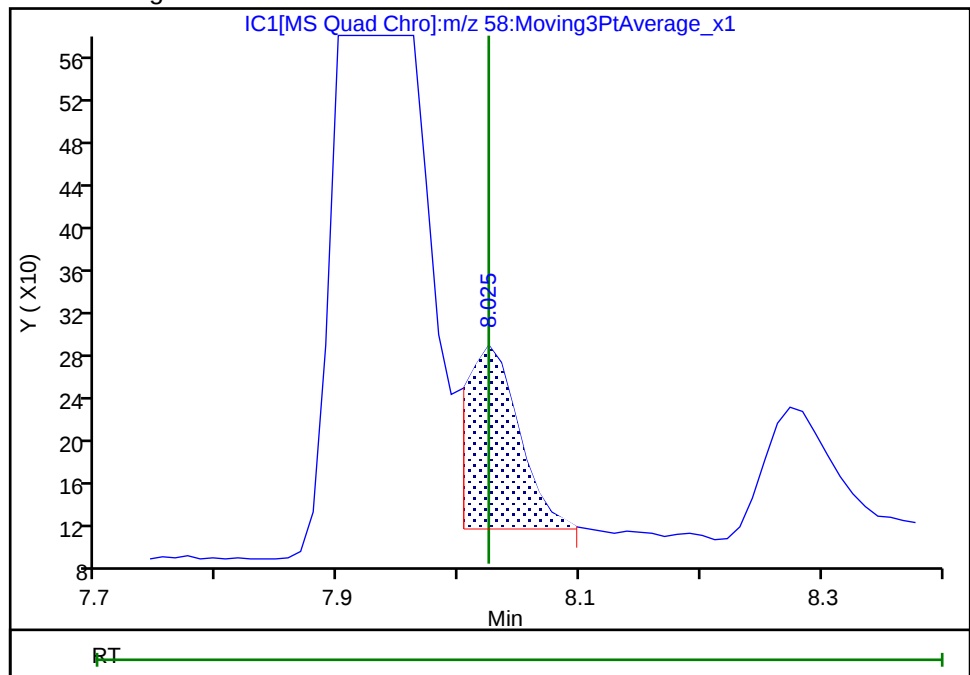
RT: 8.02
Area: 816
Amount: 1.976481
Amount Units: ug/l

Processing Integration Results



RT: 8.02
Area: 525
Amount: 3.942396
Amount Units: ug/l

Manual Integration Results



Reviewer: JH8B, 26-Sep-2025 14:59:03 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Baseline

Eurofins Eaton Analytical South Bend
Target Compound Quantitation Report

Data File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250925-41857.b\IC2.D
 Lims ID: IC 810-161845/5-A
 Client ID:
 Sample Type: IC Calib Level: 2
 Inject. Date: 26-Sep-2025 09:14:10 ALS Bottle#: 4 Worklist Smp#: 4
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 810-0041857-004
 Misc. Info.: IC 810-161845/5-A
 Operator ID: TD Instrument ID: GCMS-DM
 Sublist: chrom-522_GCMS-DM*sub3
 Raw Data: Smoothed
 Method: \\ChromFS\Southbend\ChromData\GCMS-DM\20250925-41857.b\522_GCMS-DM.m
 Limit Group: MSS - 522
 Last Update: 29-Sep-2025 08:07:42 Calib Date: 26-Sep-2025 12:59:32
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250925-41857.b\IC11.D
 Column 1 : CP Select 624 MS (0.25 mm) Det: MS Quad
 Process Host: CTX1719

First Level Reviewer: JH8B

Date: 26-Sep-2025 09:59:25

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 5 Tetrahydrofuran-d8	46	5.854	5.862	-0.008	25	89211	500.0	500.0	
\$ 9 1,4-Dioxane-d8 (Surr)	96	7.952	7.952	0.000	0	70851	500.0	516.5	
11 1,4-Dioxane	88	8.035	8.024	0.011	79	750	5.00	5.54	M
10 BFB									

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

O-522BFBSUB_00029

Amount Added: 1.00

Units: mL

Run Reagent

Report Date: 29-Sep-2025 08:07:42

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Eaton Analytical South Bend

Data File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250925-41857.b\IC2.D

Injection Date: 26-Sep-2025 09:14:10

Instrument ID: GCMS-DM

Lims ID: IC 810-161845/5-A

Client ID:

Operator ID: TD

ALS Bottle#: 4

Worklist Smp#: 4

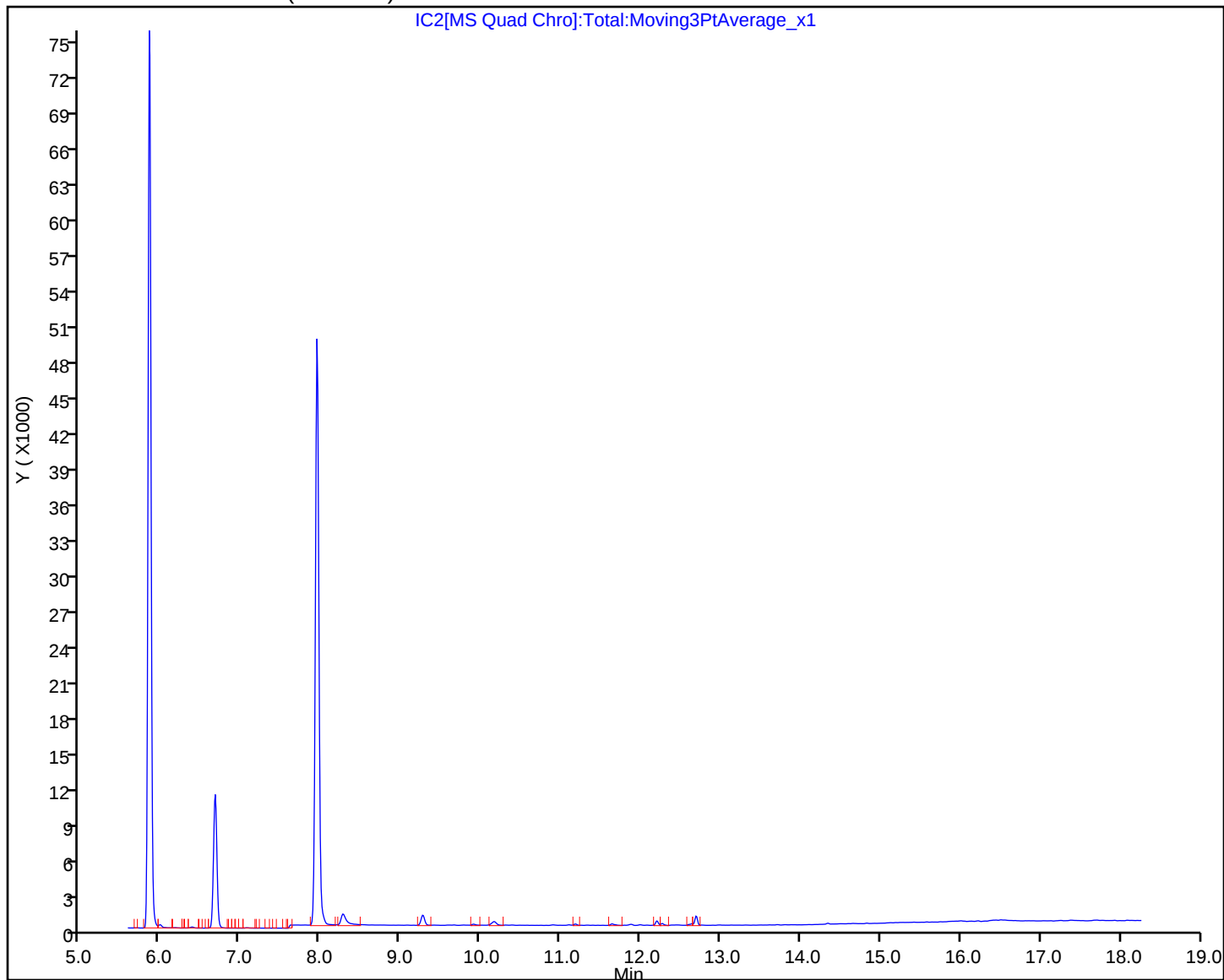
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: 522_GCMS-DM

Limit Group: MSS - 522

Column: CP Select 624 MS (0.25 mm)



Eurofins Eaton Analytical South Bend

Data File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250925-41857.b\IC2.D

Injection Date: 26-Sep-2025 09:14:10

Instrument ID: GCMS-DM

Lims ID: IC 810-161845/5-A

Client ID:

Operator ID: TD

ALS Bottle#:

4

Worklist Smp#: 4

Injection Vol: 1.0 ul

Dil. Factor:

1.0000

Method: 522_GCMS-DM

Limit Group:

MSS - 522

Column: CP Select 624 MS (0.25 mm)

Detector

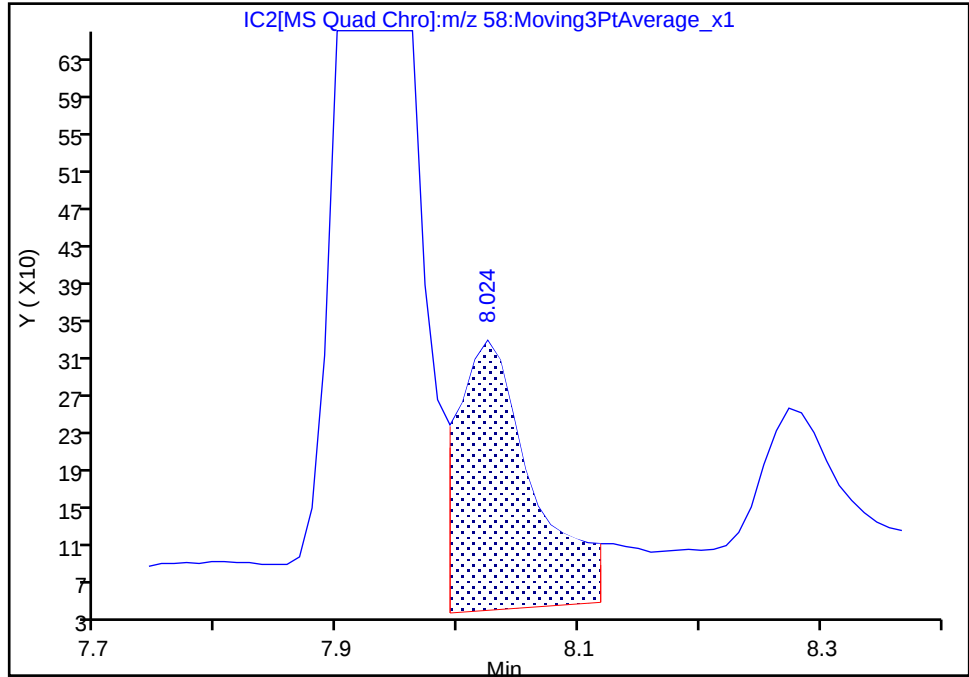
MS Quad

11 1,4-Dioxane, CAS: 123-91-1

Signal: 2

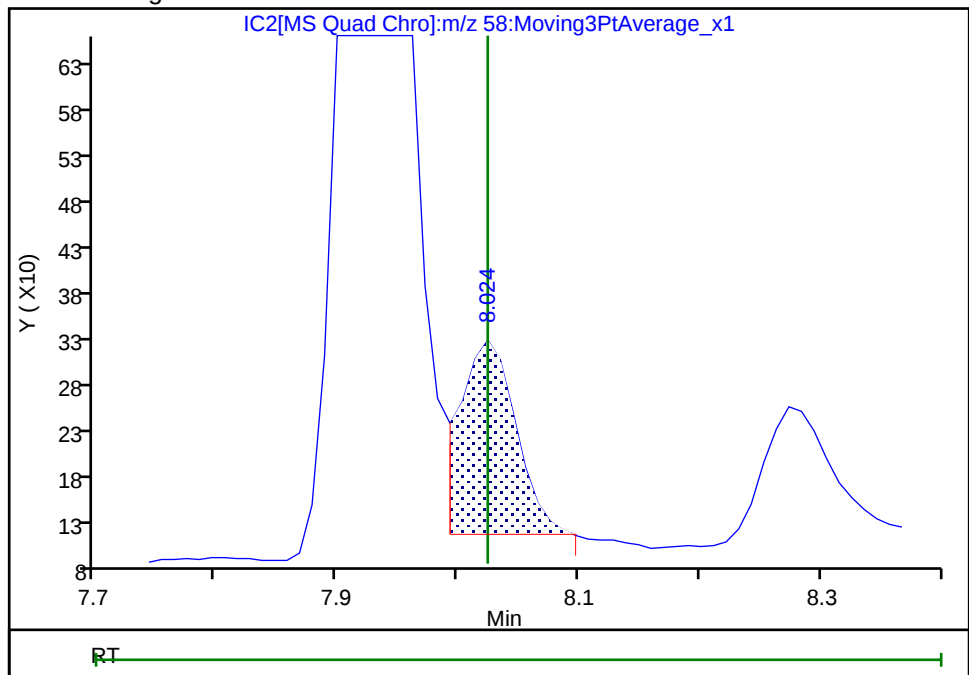
RT: 8.02
Area: 1294
Amount: 6.260952
Amount Units: ug/l

Processing Integration Results



RT: 8.02
Area: 693
Amount: 5.539113
Amount Units: ug/l

Manual Integration Results



Reviewer: JH8B, 26-Sep-2025 14:58:15 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Baseline

Eurofins Eaton Analytical South Bend
Target Compound Quantitation Report

Data File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250925-41857.b\IC3.D
 Lims ID: IC 810-161845/6-A
 Client ID:
 Sample Type: IC Calib Level: 3
 Inject. Date: 26-Sep-2025 09:39:16 ALS Bottle#: 5 Worklist Smp#: 5
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 810-0041857-005
 Misc. Info.: IC 810-161845/6-A
 Operator ID: TD Instrument ID: GCMS-DM
 Sublist: chrom-522_GCMS-DM*sub3
 Raw Data: Smoothed
 Method: \\ChromFS\Southbend\ChromData\GCMS-DM\20250925-41857.b\522_GCMS-DM.m
 Limit Group: MSS - 522
 Last Update: 29-Sep-2025 08:07:44 Calib Date: 26-Sep-2025 12:59:32
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250925-41857.b\IC11.D
 Column 1 : CP Select 624 MS (0.25 mm) Det: MS Quad
 Process Host: CTX1719

First Level Reviewer: JH8B

Date: 26-Sep-2025 13:54:20

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 5 Tetrahydrofuran-d8	46	5.862	5.862	0.000	26	92254	500.0	500.0	
\$ 9 1,4-Dioxane-d8 (Surr)	96	7.962	7.952	0.010	0	73163	500.0	515.8	
11 1,4-Dioxane	88	8.035	8.024	0.011	84	1402	10.0	9.81	M
10 BFB									

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

O-522BFBSUB_00029

Amount Added: 1.00

Units: mL

Run Reagent

Report Date: 29-Sep-2025 08:07:44

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Eaton Analytical South Bend

Data File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250925-41857.b\IC3.D

Injection Date: 26-Sep-2025 09:39:16

Instrument ID: GCMS-DM

Lims ID: IC 810-161845/6-A

Client ID:

Operator ID: TD

ALS Bottle#:

5

Worklist Smp#:

5

Injection Vol: 1.0 ul

Dil. Factor:

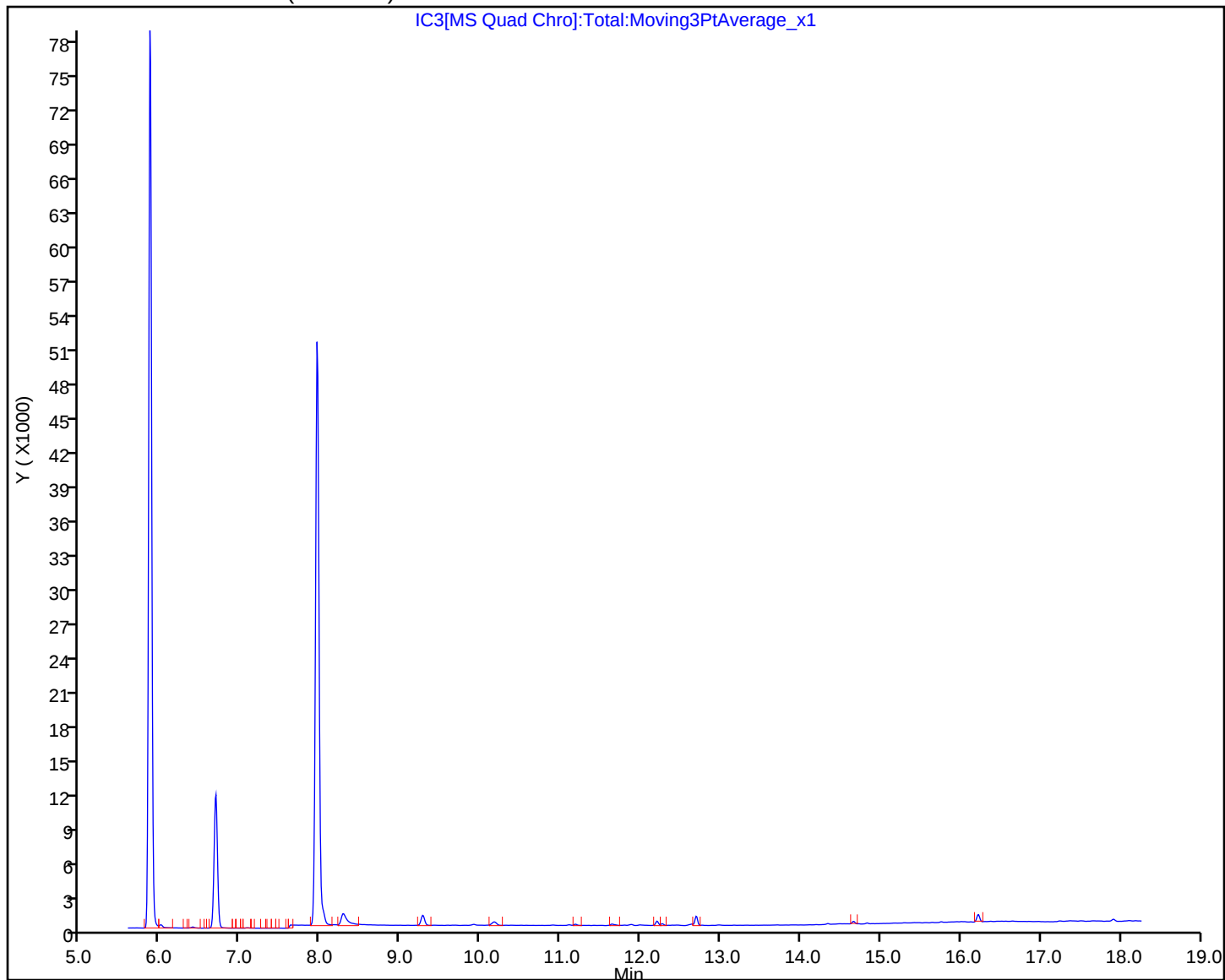
1.0000

Method: 522_GCMS-DM

Limit Group:

MSS - 522

Column: CP Select 624 MS (0.25 mm)



Eurofins Eaton Analytical South Bend

Data File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250925-41857.b\IC3.D

Injection Date: 26-Sep-2025 09:39:16

Instrument ID: GCMS-DM

Lims ID: IC 810-161845/6-A

Client ID:

Operator ID: TD

ALS Bottle#:

5

Worklist Smp#: 5

Injection Vol: 1.0 ul

Dil. Factor:

1.0000

Method: 522_GCMS-DM

Limit Group:

MSS - 522

Column: CP Select 624 MS (0.25 mm)

Detector

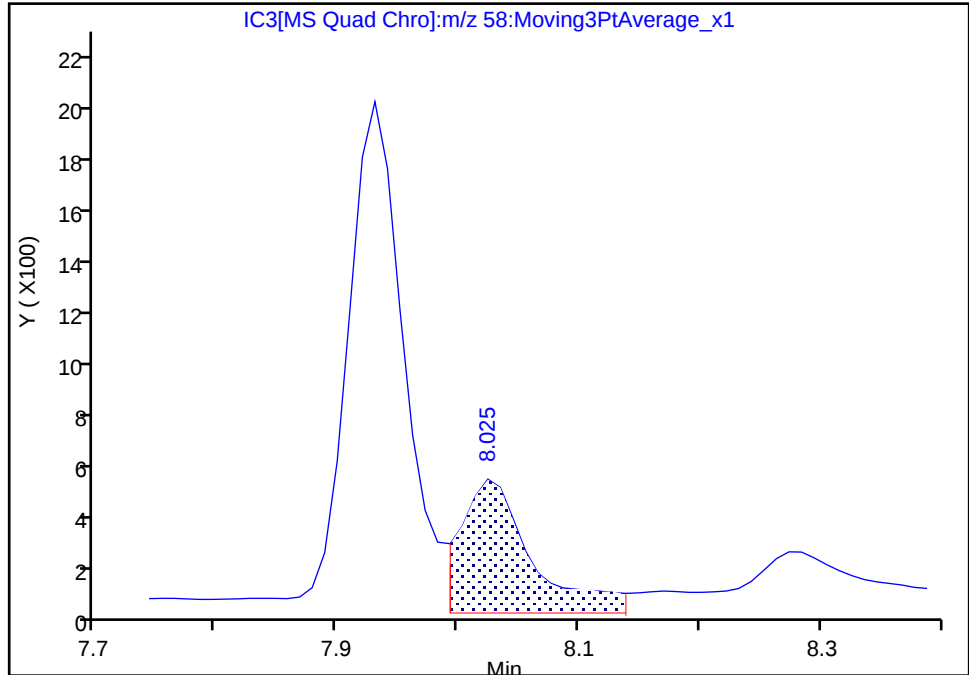
MS Quad

11 1,4-Dioxane, CAS: 123-91-1

Signal: 2

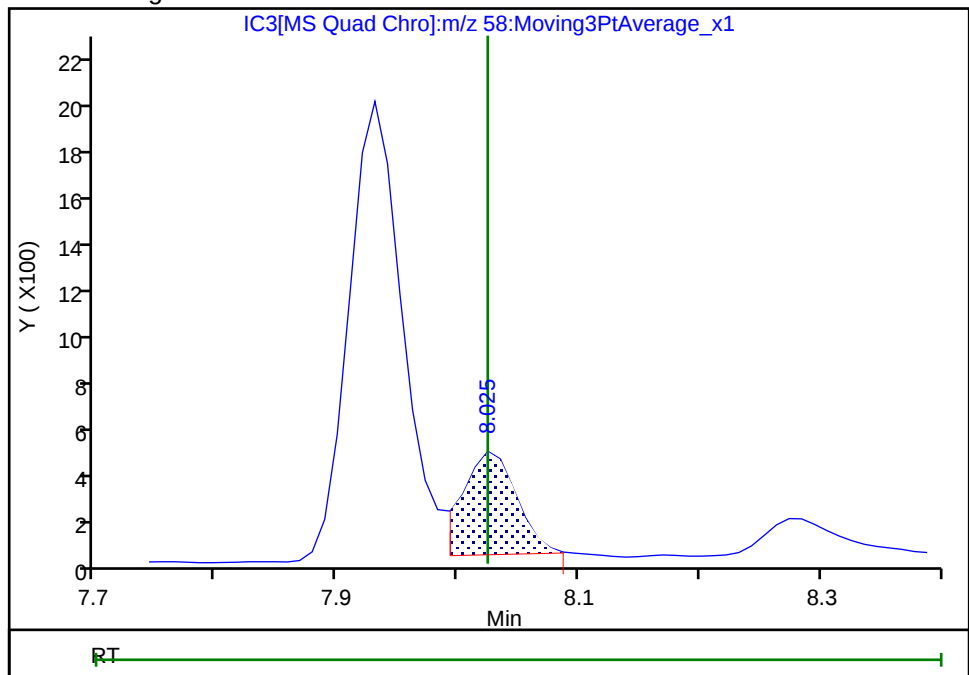
RT: 8.02
Area: 2130
Amount: 13.023767
Amount Units: ug/l

Processing Integration Results



RT: 8.02
Area: 1329
Amount: 9.813445
Amount Units: ug/l

Manual Integration Results



Reviewer: JH8B, 26-Sep-2025 09:59:50 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Baseline

Eurofins Eaton Analytical South Bend
Target Compound Quantitation Report

Data File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250925-41857.b\IC4.D
 Lims ID: IC 810-161845/7-A
 Client ID:
 Sample Type: IC Calib Level: 4
 Inject. Date: 26-Sep-2025 10:04:19 ALS Bottle#: 6 Worklist Smp#: 6
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 810-0041857-006
 Misc. Info.: IC 810-161845/7-A
 Operator ID: TD Instrument ID: GCMS-DM
 Sublist: chrom-522_GCMS-DM*sub3
 Raw Data: Smoothed
 Method: \\ChromFS\Southbend\ChromData\GCMS-DM\20250925-41857.b\522_GCMS-DM.m
 Limit Group: MSS - 522
 Last Update: 29-Sep-2025 08:07:46 Calib Date: 26-Sep-2025 12:59:32
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250925-41857.b\IC11.D
 Column 1 : CP Select 624 MS (0.25 mm) Det: MS Quad
 Process Host: CTX1719

First Level Reviewer: JH8B

Date: 26-Sep-2025 14:58:01

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 5 Tetrahydrofuran-d8	46	5.862	5.862	0.000	25	93649	500.0	500.0	
\$ 9 1,4-Dioxane-d8 (Surr)	96	7.952	7.952	0.000	0	73352	500.0	509.4	
11 1,4-Dioxane	88	8.035	8.024	0.011	85	3458	25.0	23.5	M
10 BFB									

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

O-522BFBSUB_00029

Amount Added: 1.00

Units: mL

Run Reagent

Eurofins Eaton Analytical South Bend

Data File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250925-41857.b\IC4.D

Injection Date: 26-Sep-2025 10:04:19

Instrument ID: GCMS-DM

Lims ID: IC 810-161845/7-A

Client ID:

Operator ID: TD

ALS Bottle#:

6

Worklist Smp#:

6

Injection Vol: 1.0 ul

Dil. Factor:

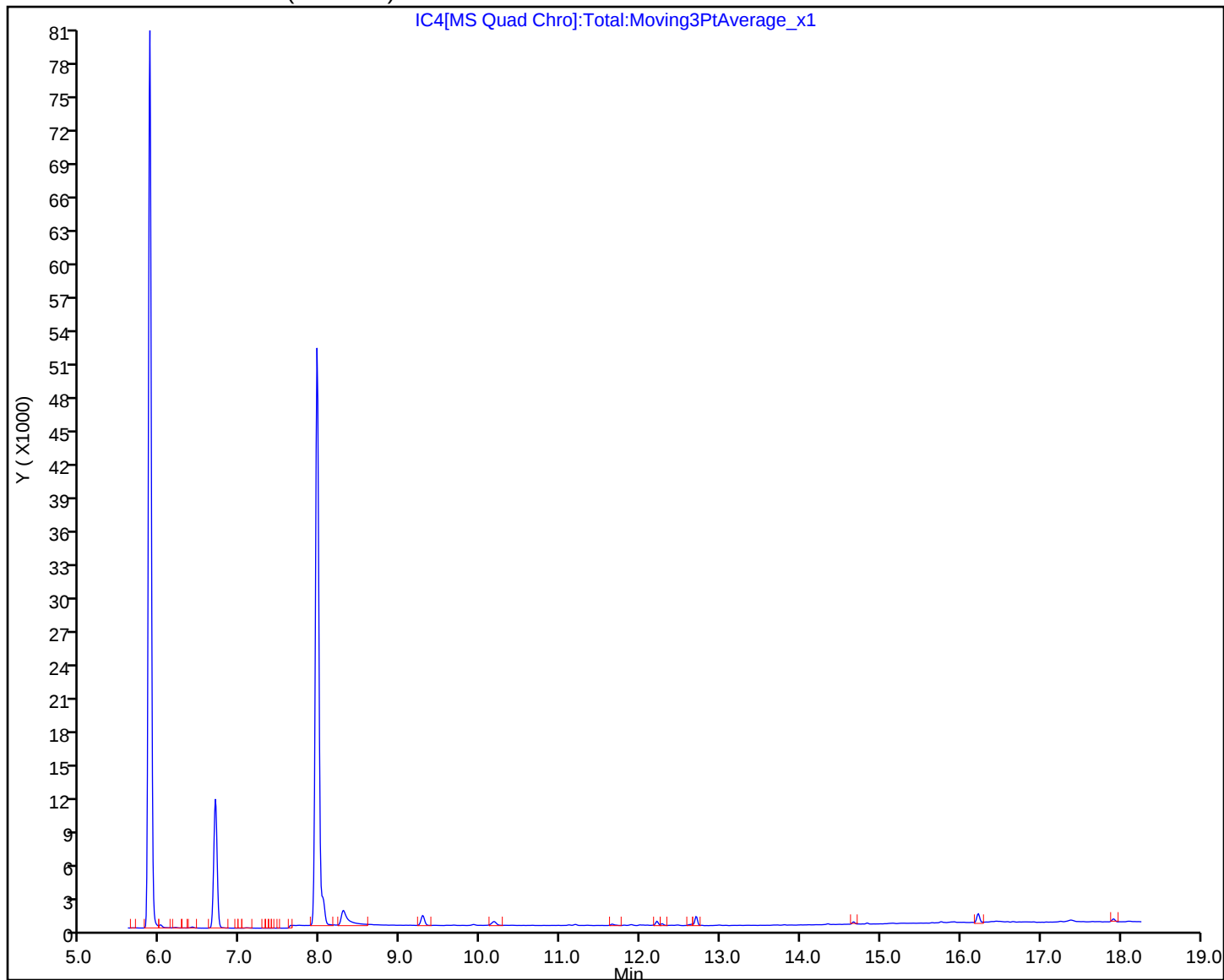
1.0000

Method: 522_GCMS-DM

Limit Group:

MSS - 522

Column: CP Select 624 MS (0.25 mm)



Eurofins Eaton Analytical South Bend

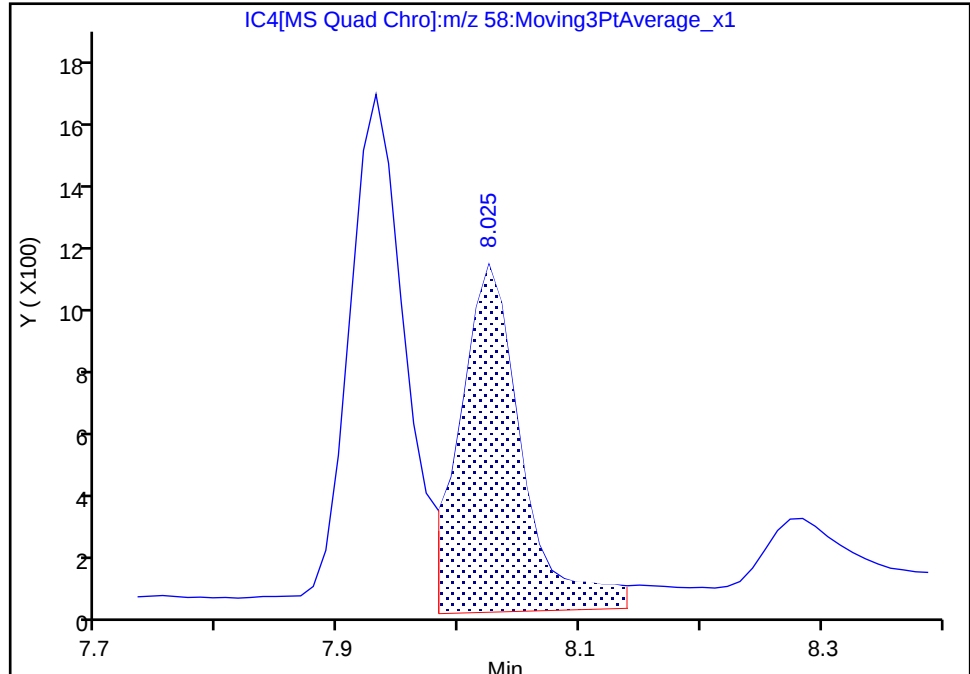
Data File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250925-41857.b\IC4.D
Injection Date: 26-Sep-2025 10:04:19 Instrument ID: GCMS-DM
Lims ID: IC 810-161845/7-A
Client ID:
Operator ID: TD ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 522_GCMS-DM Limit Group: MSS - 522
Column: CP Select 624 MS (0.25 mm) Detector MS Quad

11 1,4-Dioxane, CAS: 123-91-1

Signal: 2

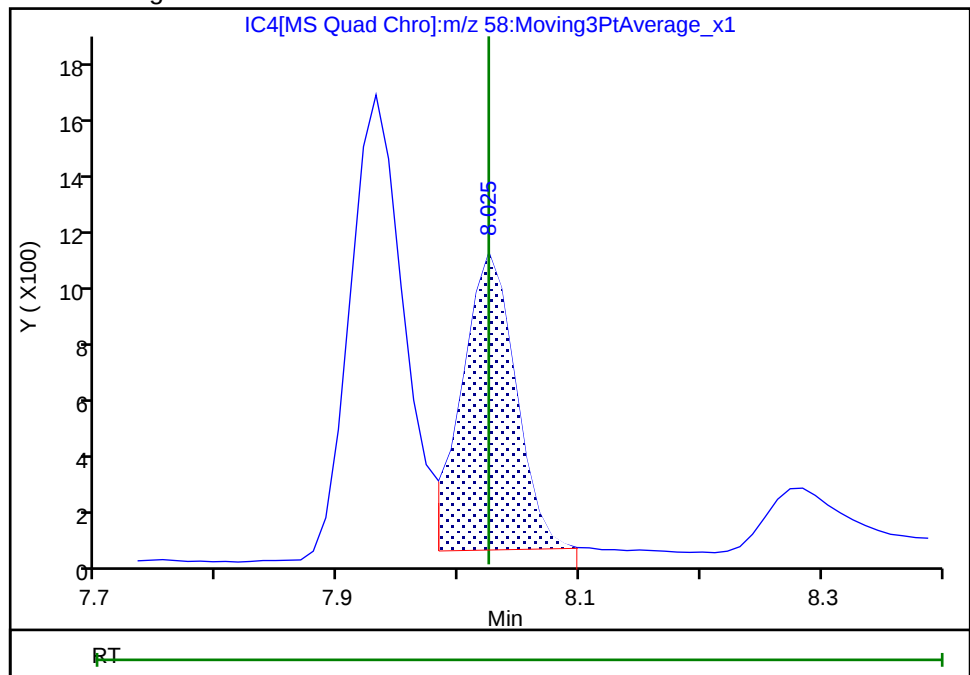
RT: 8.02
Area: 3901
Amount: 23.831986
Amount Units: ug/l

Processing Integration Results



RT: 8.02
Area: 3056
Amount: 23.490992
Amount Units: ug/l

Manual Integration Results



Reviewer: JH8B, 26-Sep-2025 14:57:53 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Baseline

Eurofins Eaton Analytical South Bend

Data File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250925-41857.b\IC4.D

Injection Date: 26-Sep-2025 10:04:19

Instrument ID: GCMS-DM

Lims ID: IC 810-161845/7-A

Client ID:

Operator ID: TD

ALS Bottle#:

6

Worklist Smp#: 6

Injection Vol: 1.0 ul

Dil. Factor:

1.0000

Method: 522_GCMS-DM

Limit Group:

MSS - 522

Column: CP Select 624 MS (0.25 mm)

Detector

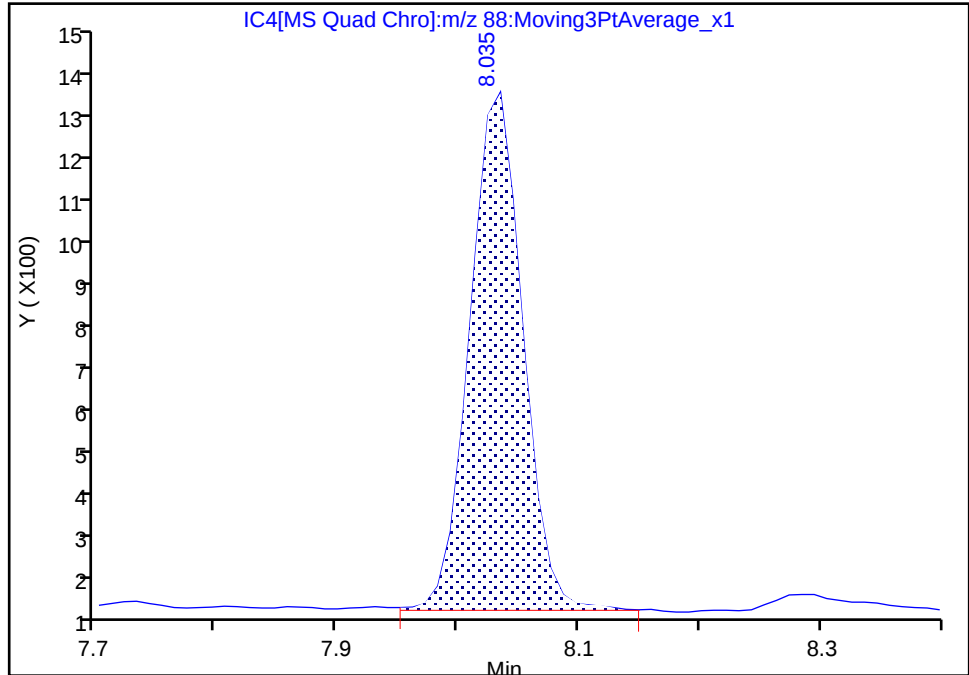
MS Quad

11 1,4-Dioxane, CAS: 123-91-1

Signal: 1

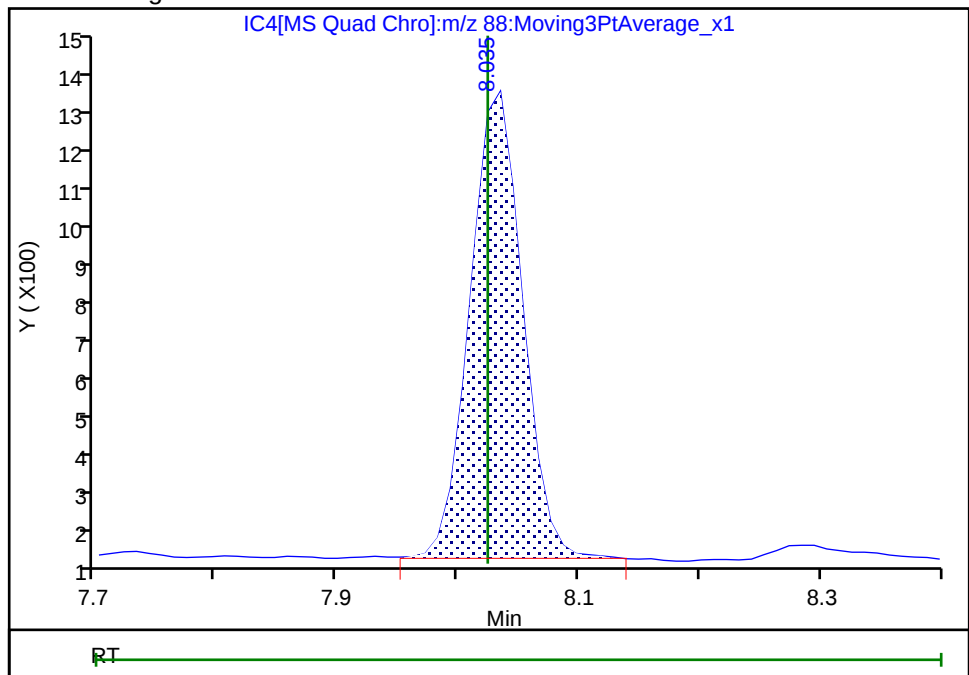
RT: 8.04
Area: 3512
Amount: 23.831986
Amount Units: ug/l

Processing Integration Results



RT: 8.04
Area: 3458
Amount: 23.490992
Amount Units: ug/l

Manual Integration Results



Reviewer: JH8B, 26-Sep-2025 14:57:59 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Baseline

Eurofins Eaton Analytical South Bend
Target Compound Quantitation Report

Data File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250925-41857.b\IC5.D
 Lims ID: IC 810-161845/8-A
 Client ID:
 Sample Type: IC Calib Level: 5
 Inject. Date: 26-Sep-2025 10:29:18 ALS Bottle#: 7 Worklist Smp#: 7
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 810-0041857-007
 Misc. Info.: IC 810-161845/8-A
 Operator ID: TD Instrument ID: GCMS-DM
 Sublist: chrom-522_GCMS-DM*sub3
 Raw Data: Smoothed
 Method: \\ChromFS\Southbend\ChromData\GCMS-DM\20250925-41857.b\522_GCMS-DM.m
 Limit Group: MSS - 522
 Last Update: 29-Sep-2025 08:07:48 Calib Date: 26-Sep-2025 12:59:32
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250925-41857.b\IC11.D
 Column 1 : CP Select 624 MS (0.25 mm) Det: MS Quad
 Process Host: CTX1719

First Level Reviewer: JH8B

Date: 26-Sep-2025 14:57:41

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 5 Tetrahydrofuran-d8	46	5.846	5.846	0.000	26	89145	500.0	500.0	
\$ 9 1,4-Dioxane-d8 (Surr)	96	7.952	7.952	0.000	0	69097	500.0	504.1	
11 1,4-Dioxane	88	8.035	8.035	0.000	85	6716	50.0	47.7	M
10 BFB									

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

O-522BFBSUB_00029

Amount Added: 1.00

Units: mL

Run Reagent

Report Date: 29-Sep-2025 08:07:48

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Eaton Analytical South Bend

Data File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250925-41857.b\IC5.D

Injection Date: 26-Sep-2025 10:29:18

Instrument ID: GCMS-DM

Lims ID: IC 810-161845/8-A

Client ID:

Operator ID: TD

ALS Bottle#:

7

Worklist Smp#:

7

Injection Vol: 1.0 ul

Dil. Factor:

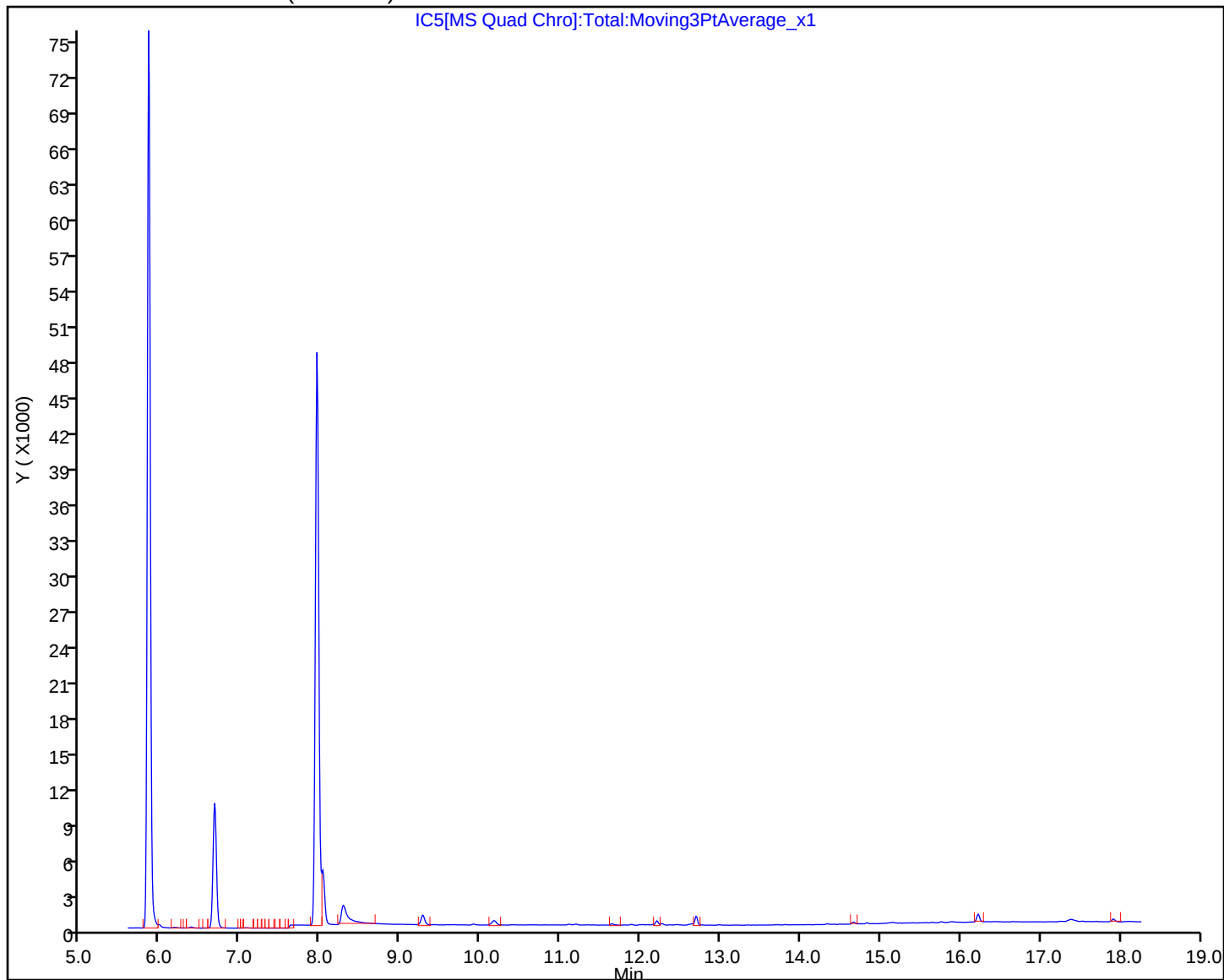
1.0000

Method: 522_GCMS-DM

Limit Group:

MSS - 522

Column: CP Select 624 MS (0.25 mm)



Eurofins Eaton Analytical South Bend

Data File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250925-41857.b\IC5.D

Injection Date: 26-Sep-2025 10:29:18

Instrument ID: GCMS-DM

Lims ID: IC 810-161845/8-A

Client ID:

Operator ID: TD

ALS Bottle#:

7

Worklist Smp#: 7

Injection Vol: 1.0 ul

Dil. Factor:

1.0000

Method: 522_GCMS-DM

Limit Group:

MSS - 522

Column: CP Select 624 MS (0.25 mm)

Detector

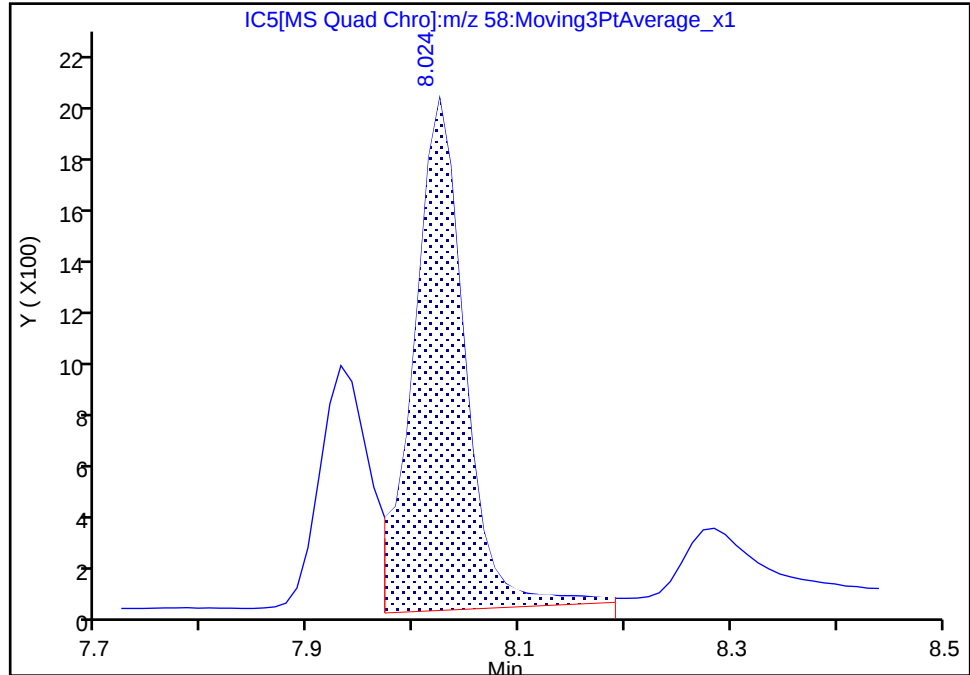
MS Quad

11 1,4-Dioxane, CAS: 123-91-1

Signal: 2

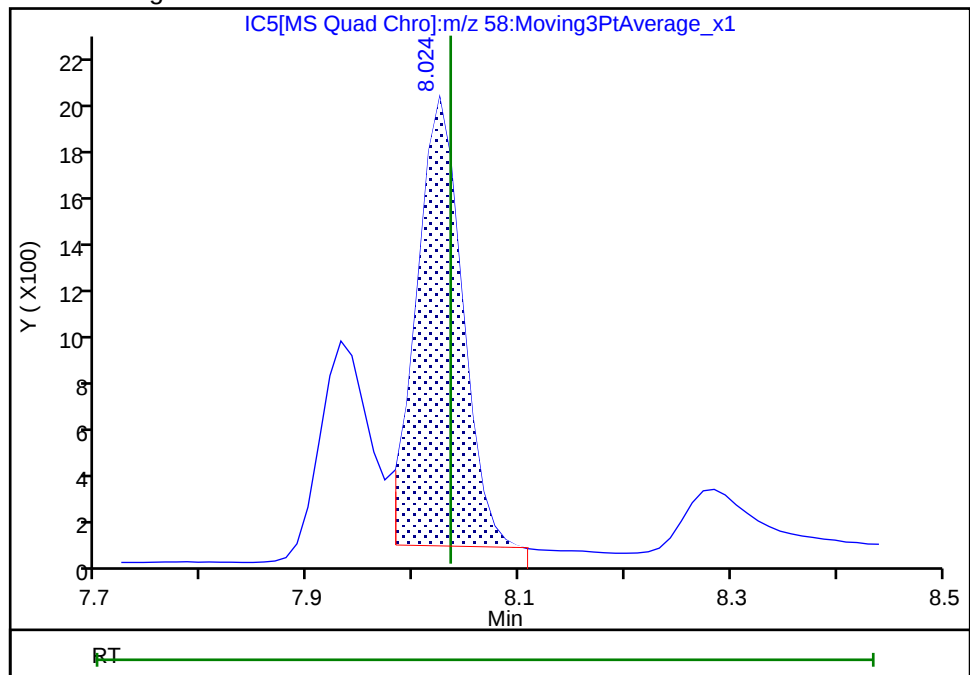
RT: 8.02
Area: 6598
Amount: 48.309185
Amount Units: ug/l

Processing Integration Results



RT: 8.02
Area: 5622
Amount: 47.671523
Amount Units: ug/l

Manual Integration Results



Reviewer: JH8B, 26-Sep-2025 14:57:40 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Baseline

Eurofins Eaton Analytical South Bend
Target Compound Quantitation Report

Data File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250925-41857.b\IC6.D
 Lims ID: IC 810-161845/9-A
 Client ID:
 Sample Type: IC Calib Level: 6
 Inject. Date: 26-Sep-2025 10:54:30 ALS Bottle#: 8 Worklist Smp#: 8
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 810-0041857-008
 Misc. Info.: IC 810-161845/9-A
 Operator ID: TD Instrument ID: GCMS-DM
 Sublist: chrom-522_GCMS-DM*sub3
 Raw Data: Smoothed
 Method: \\ChromFS\Southbend\ChromData\GCMS-DM\20250925-41857.b\522_GCMS-DM.m
 Limit Group: MSS - 522
 Last Update: 29-Sep-2025 08:07:50 Calib Date: 26-Sep-2025 12:59:32
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250925-41857.b\IC11.D
 Column 1 : CP Select 624 MS (0.25 mm) Det: MS Quad
 Process Host: CTX1719

First Level Reviewer: JH8B

Date: 26-Sep-2025 14:57:17

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 5 Tetrahydrofuran-d8	46	5.846	5.846	0.000	25	91903	500.0	500.0	
\$ 9 1,4-Dioxane-d8 (Surr)	96	7.952	7.952	0.000	0	72736	500.0	514.7	
11 1,4-Dioxane	88	8.024	8.035	-0.011	84	14263	100.0	97.9	M
10 BFB									

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

O-522BFBSUB_00029

Amount Added: 1.00

Units: mL

Run Reagent

Report Date: 29-Sep-2025 08:07:50

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Eaton Analytical South Bend

Data File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250925-41857.b\IC6.D

Injection Date: 26-Sep-2025 10:54:30

Instrument ID: GCMS-DM

Lims ID: IC 810-161845/9-A

Client ID:

Operator ID: TD

ALS Bottle#: 8

Worklist Smp#: 8

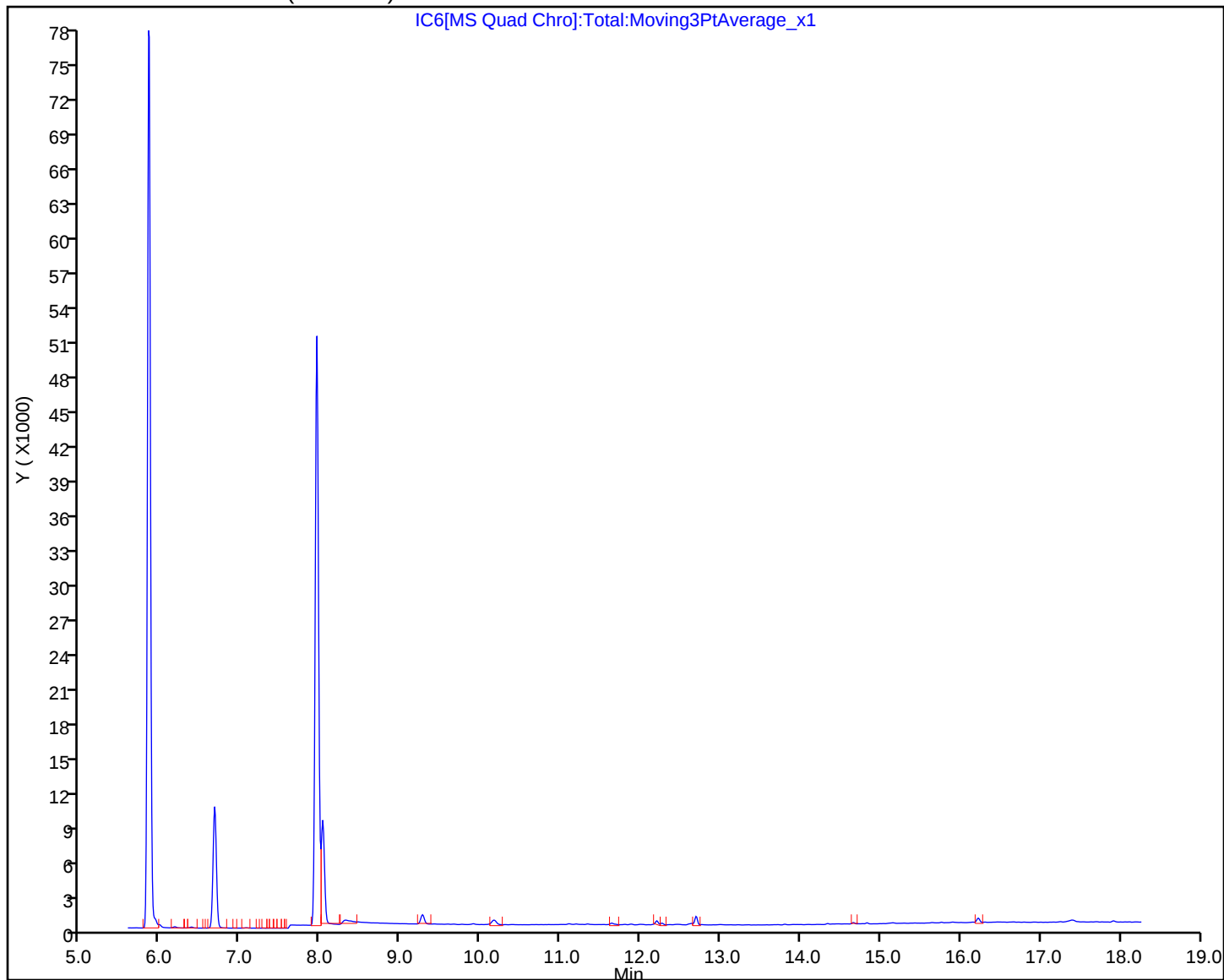
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: 522_GCMS-DM

Limit Group: MSS - 522

Column: CP Select 624 MS (0.25 mm)



Eurofins Eaton Analytical South Bend

Data File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250925-41857.b\IC6.D

Injection Date: 26-Sep-2025 10:54:30

Instrument ID: GCMS-DM

Lims ID: IC 810-161845/9-A

Client ID:

Operator ID: TD

ALS Bottle#:

8

Worklist Smp#: 8

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: 522_GCMS-DM

Limit Group: MSS - 522

Column: CP Select 624 MS (0.25 mm)

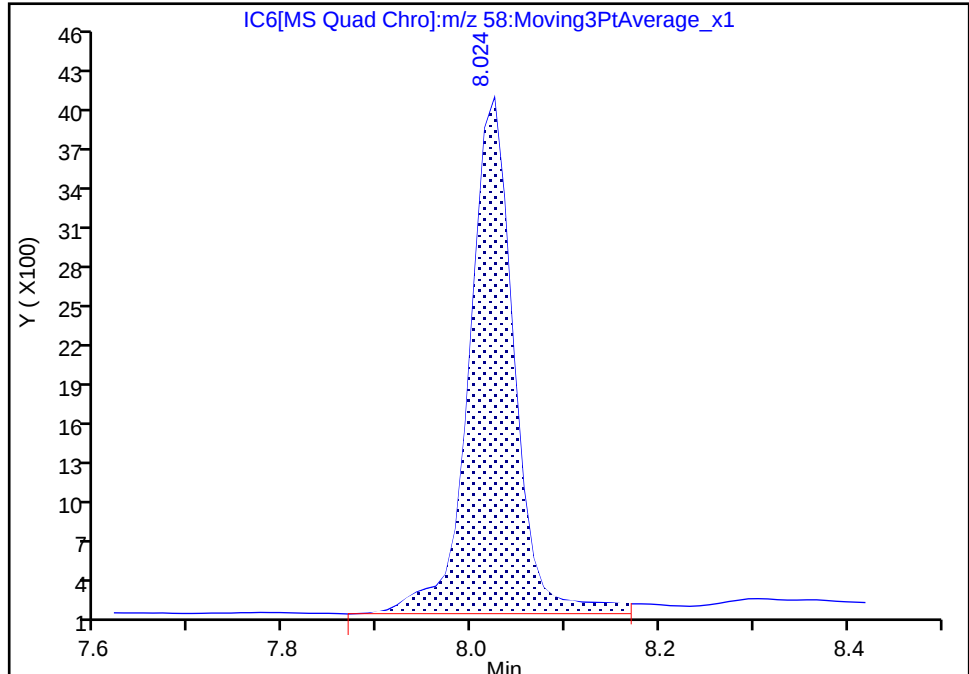
Detector: MS Quad

11 1,4-Dioxane, CAS: 123-91-1

Signal: 2

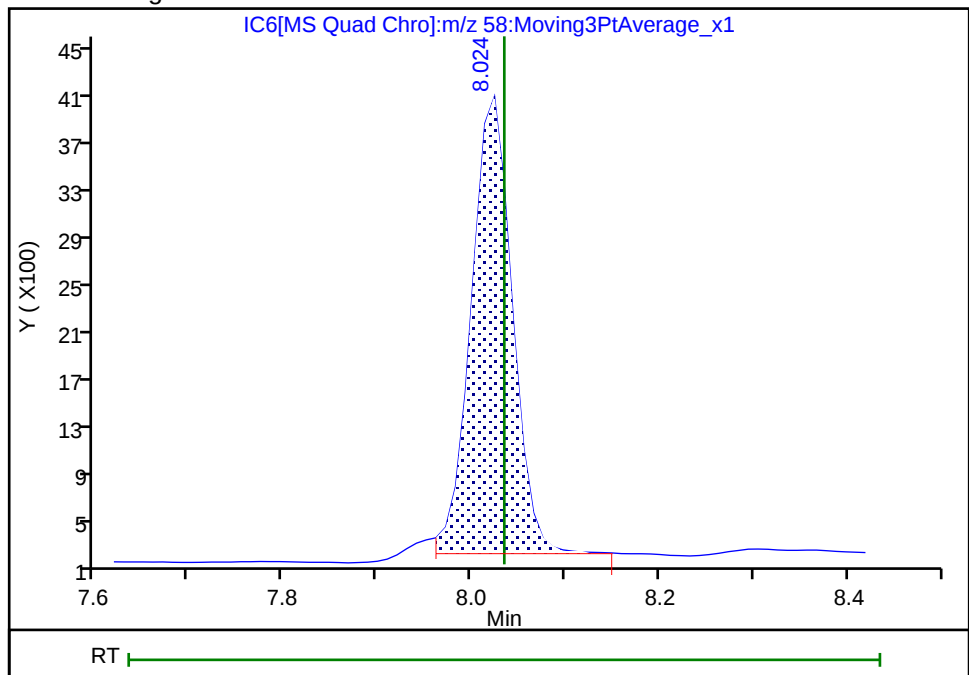
RT: 8.02
Area: 13273
Amount: 97.819091
Amount Units: ug/l

Processing Integration Results



RT: 8.02
Area: 11920
Amount: 97.941622
Amount Units: ug/l

Manual Integration Results



Reviewer: JH8B, 26-Sep-2025 14:57:13 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Baseline

Eurofins Eaton Analytical South Bend
Target Compound Quantitation Report

Data File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250925-41857.b\IC7.D
 Lims ID: ICISAV 810-161845/10-A
 Client ID:
 Sample Type: ICISAV Calib Level: 7
 Inject. Date: 26-Sep-2025 11:19:41 ALS Bottle#: 9 Worklist Smp#: 9
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 810-0041857-009
 Misc. Info.: ICISAV 810-161845/10-A
 Operator ID: TD Instrument ID: GCMS-DM
 Sublist: chrom-522_GCMS-DM*sub3
 Raw Data: Smoothed
 Method: \\ChromFS\Southbend\ChromData\GCMS-DM\20250925-41857.b\522_GCMS-DM.m
 Limit Group: MSS - 522
 Last Update: 29-Sep-2025 08:07:52 Calib Date: 26-Sep-2025 12:59:32
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250925-41857.b\IC11.D
 Column 1 : CP Select 624 MS (0.25 mm) Det: MS Quad
 Process Host: CTX1719

First Level Reviewer: JH8B

Date: 26-Sep-2025 14:56:54

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 5 Tetrahydrofuran-d8	46	5.862	5.862	0.000	25	84637	500.0	500.0	
\$ 9 1,4-Dioxane-d8 (Surr)	96	7.952	7.952	0.000	0	58280	500.0	447.8	
11 1,4-Dioxane	88	8.024	8.024	0.000	84	29326	250.0	218.4	M
10 BFB									

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

O-522BFBSUB_00029

Amount Added: 1.00

Units: mL

Run Reagent

Report Date: 29-Sep-2025 08:07:52

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Eaton Analytical South Bend

Data File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250925-41857.b\IC7.D

Injection Date: 26-Sep-2025 11:19:41

Instrument ID: GCMS-DM

Lims ID: ICISAV 810-161845/10-A

Client ID:

Operator ID: TD

ALS Bottle#:

9

Worklist Smp#:

9

Injection Vol: 1.0 ul

Dil. Factor:

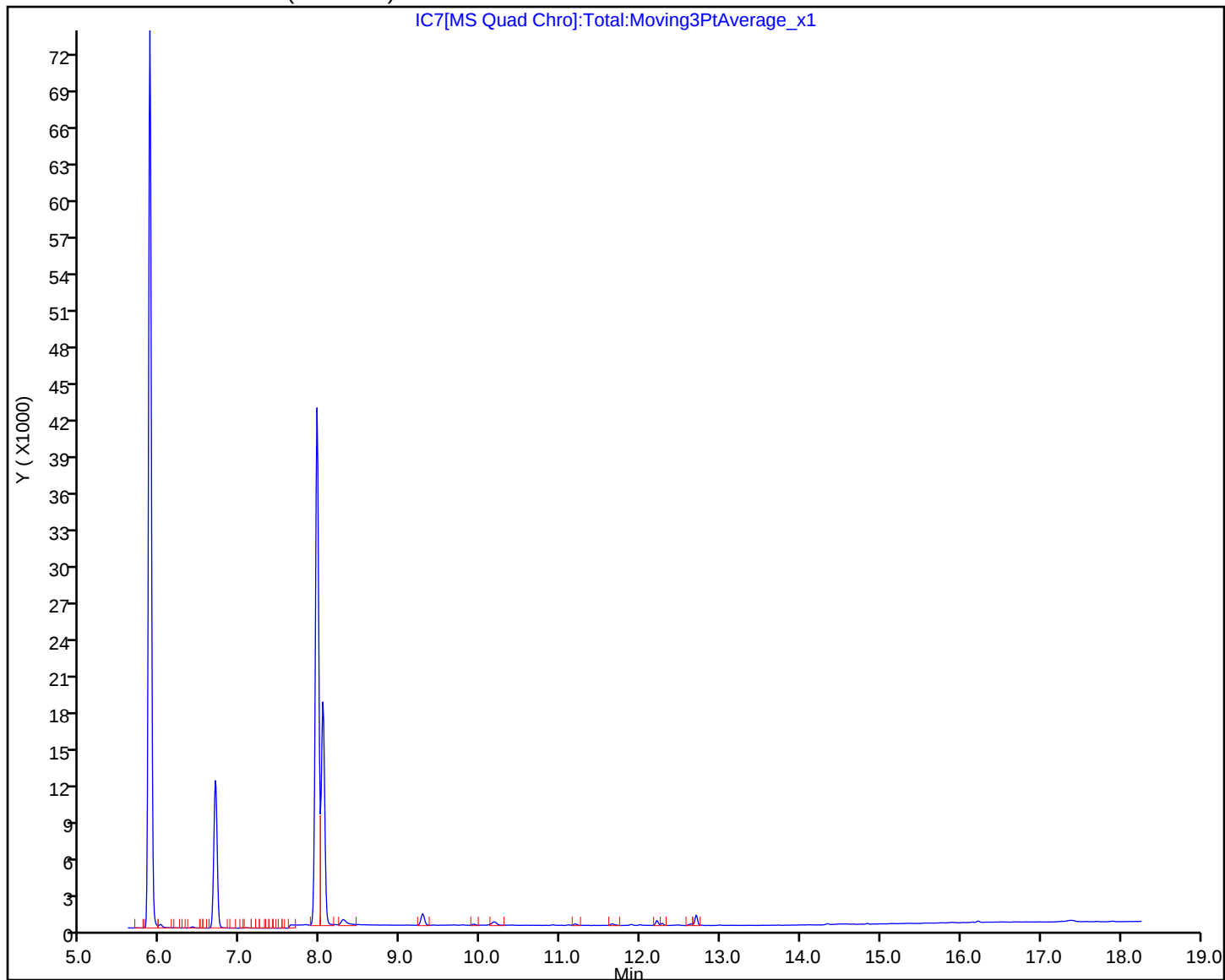
1.0000

Method: 522_GCMS-DM

Limit Group:

MSS - 522

Column: CP Select 624 MS (0.25 mm)



Eurofins Eaton Analytical South Bend

Data File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250925-41857.b\IC7.D

Injection Date: 26-Sep-2025 11:19:41

Instrument ID: GCMS-DM

Lims ID: ICISAV 810-161845/10-A

Client ID:

Operator ID: TD

ALS Bottle#:

9

Worklist Smp#: 9

Injection Vol: 1.0 ul

Dil. Factor:

1.0000

Method: 522_GCMS-DM

Limit Group:

MSS - 522

Column: CP Select 624 MS (0.25 mm)

Detector

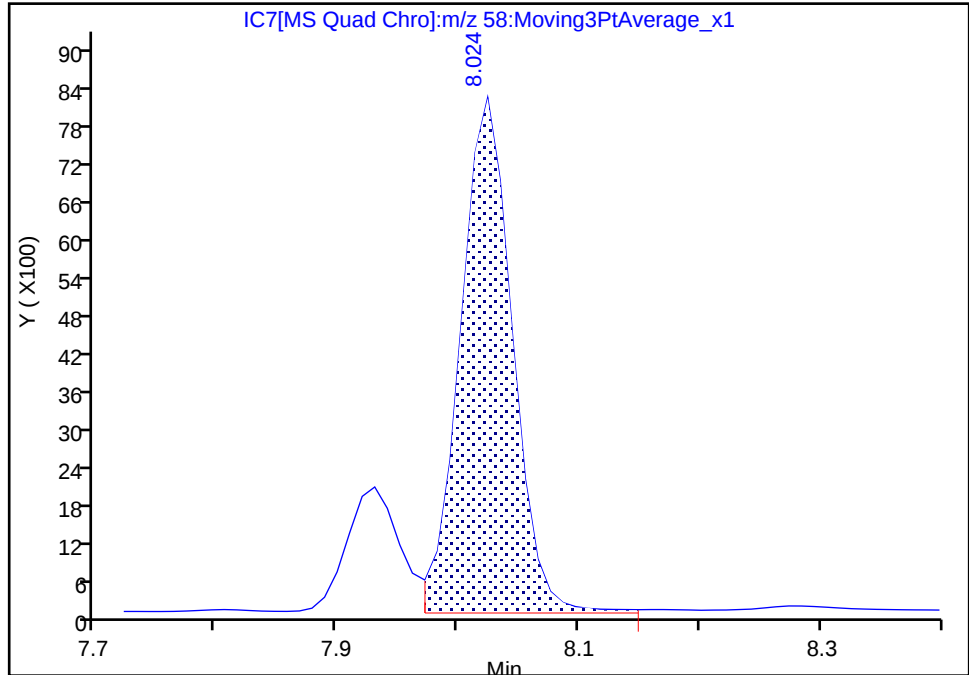
MS Quad

11 1,4-Dioxane, CAS: 123-91-1

Signal: 2

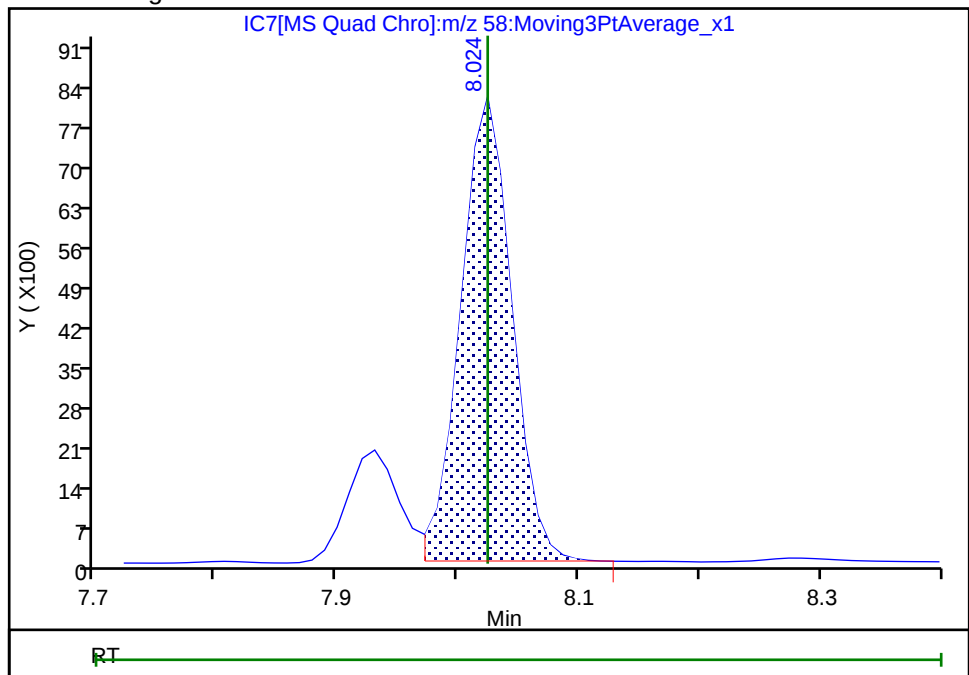
RT: 8.02
Area: 24604
Amount: 228.2001
Amount Units: ug/l

Processing Integration Results



RT: 8.02
Area: 23792
Amount: 218.3603
Amount Units: ug/l

Manual Integration Results



Reviewer: JH8B, 26-Sep-2025 14:56:52 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Baseline

Eurofins Eaton Analytical South Bend
Target Compound Quantitation Report

Data File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250925-41857.b\IC8.D
 Lims ID: IC 810-161845/11-A
 Client ID:
 Sample Type: IC Calib Level: 8
 Inject. Date: 26-Sep-2025 11:44:51 ALS Bottle#: 10 Worklist Smp#: 10
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 810-0041857-010
 Misc. Info.: IC 810-161845/11-A
 Operator ID: TD Instrument ID: GCMS-DM
 Sublist: chrom-522_GCMS-DM*sub3
 Raw Data: Smoothed
 Method: \\ChromFS\Southbend\ChromData\GCMS-DM\20250925-41857.b\522_GCMS-DM.m
 Limit Group: MSS - 522
 Last Update: 29-Sep-2025 08:07:53 Calib Date: 26-Sep-2025 12:59:32
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250925-41857.b\IC11.D
 Column 1 : CP Select 624 MS (0.25 mm) Det: MS Quad
 Process Host: CTX1719

First Level Reviewer: JH8B

Date: 26-Sep-2025 13:56:14

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 5 Tetrahydrofuran-d8	46	5.854	5.862	-0.008	26	88182	500.0	500.0	
\$ 9 1,4-Dioxane-d8 (Surr)	96	7.952	7.952	0.000	0	68080	500.0	502.1	
11 1,4-Dioxane	88	8.024	8.024	0.000	85	72966	500.0	521.1	M
10 BFB									

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

O-522BFBSUB_00029

Amount Added: 1.00

Units: mL

Run Reagent

Report Date: 29-Sep-2025 08:07:53

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Eaton Analytical South Bend

Data File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250925-41857.b\IC8.D

Injection Date: 26-Sep-2025 11:44:51

Instrument ID: GCMS-DM

Lims ID: IC 810-161845/11-A

Client ID:

Operator ID: TD

ALS Bottle#: 10

Worklist Smp#: 10

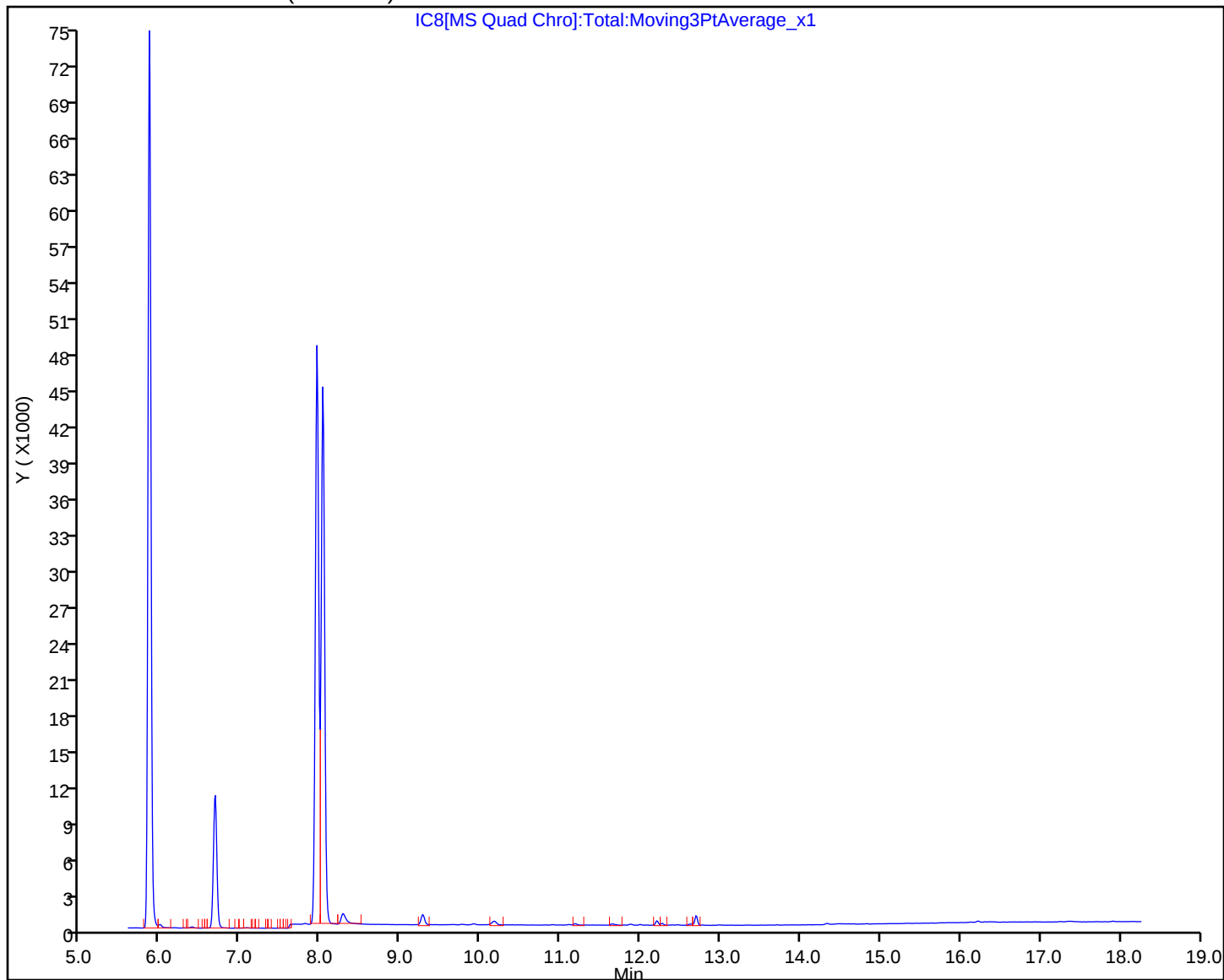
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: 522_GCMS-DM

Limit Group: MSS - 522

Column: CP Select 624 MS (0.25 mm)



Eurofins Eaton Analytical South Bend

Data File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250925-41857.b\IC8.D

Injection Date: 26-Sep-2025 11:44:51

Instrument ID: GCMS-DM

Lims ID: IC 810-161845/11-A

Client ID:

Operator ID: TD

ALS Bottle#:

10

Worklist Smp#:

10

Injection Vol: 1.0 ul

Dil. Factor:

1.0000

Method: 522_GCMS-DM

Limit Group:

MSS - 522

Column: CP Select 624 MS (0.25 mm)

Detector

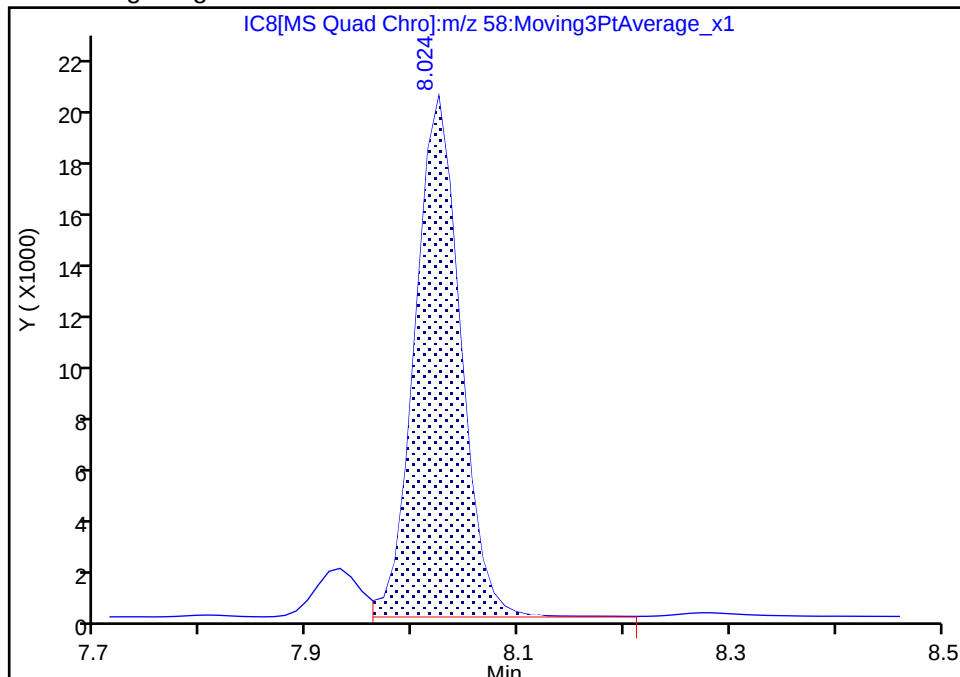
MS Quad

11 1,4-Dioxane, CAS: 123-91-1

Signal: 2

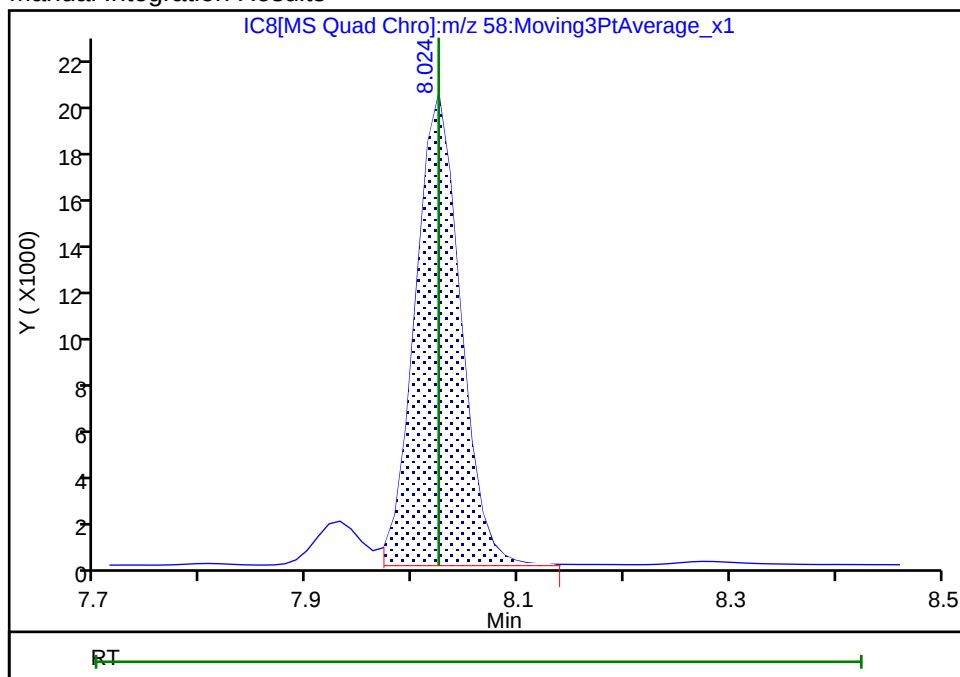
RT: 8.02
Area: 60088
Amount: 536.8602
Amount Units: ug/l

Processing Integration Results



RT: 8.02
Area: 58773
Amount: 521.1180
Amount Units: ug/l

Manual Integration Results



Reviewer: JH8B, 26-Sep-2025 14:56:35 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Baseline

Eurofins Eaton Analytical South Bend
Target Compound Quantitation Report

Data File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250925-41857.b\IC9.D
 Lims ID: IC 810-161845/12-A
 Client ID:
 Sample Type: IC Calib Level: 9
 Inject. Date: 26-Sep-2025 12:09:43 ALS Bottle#: 11 Worklist Smp#: 11
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 810-0041857-011
 Misc. Info.: IC 810-161845/12-A
 Operator ID: TD Instrument ID: GCMS-DM
 Sublist: chrom-522_GCMS-DM*sub3
 Raw Data: Smoothed
 Method: \\ChromFS\Southbend\ChromData\GCMS-DM\20250925-41857.b\522_GCMS-DM.m
 Limit Group: MSS - 522
 Last Update: 29-Sep-2025 08:07:54 Calib Date: 26-Sep-2025 12:59:32
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250925-41857.b\IC11.D
 Column 1 : CP Select 624 MS (0.25 mm) Det: MS Quad
 Process Host: CTX1719

First Level Reviewer: JH8B

Date: 26-Sep-2025 13:55:22

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 5 Tetrahydrofuran-d8	46	5.854	5.862	-0.008	26	90448	500.0	500.0	
\$ 9 1,4-Dioxane-d8 (Surr)	96	7.962	7.952	0.010	0	68519	500.0	492.7	
11 1,4-Dioxane	88	8.035	8.024	0.011	84	142798	1000.0	994.1	M
10 BFB									

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

O-522BFBSUB_00029

Amount Added: 1.00

Units: mL

Run Reagent

Report Date: 29-Sep-2025 08:07:54

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Eaton Analytical South Bend

Data File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250925-41857.b\IC9.D

Injection Date: 26-Sep-2025 12:09:43

Instrument ID: GCMS-DM

Lims ID: IC 810-161845/12-A

Client ID:

Operator ID: TD

ALS Bottle#: 11

Worklist Smp#: 11

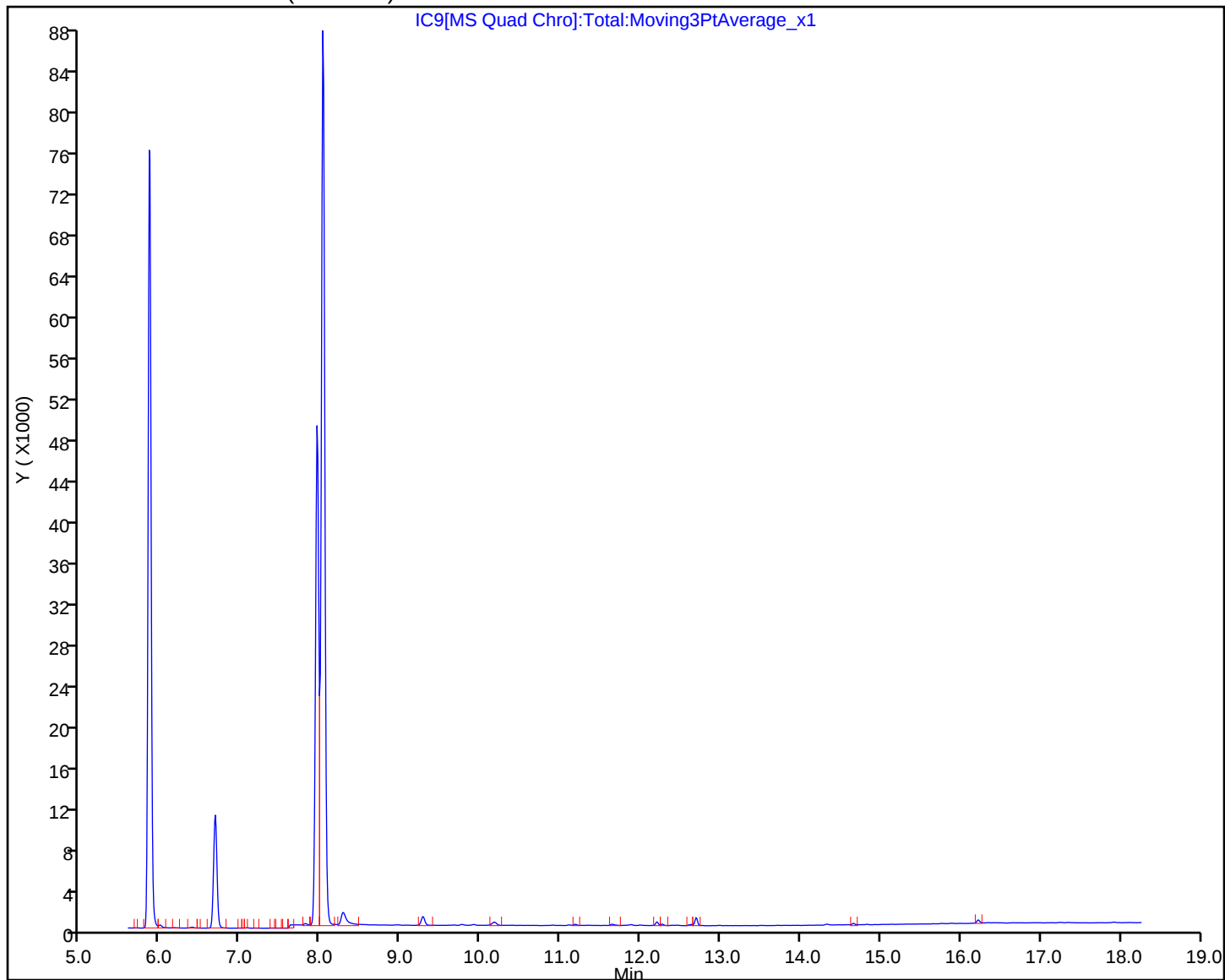
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: 522_GCMS-DM

Limit Group: MSS - 522

Column: CP Select 624 MS (0.25 mm)



Eurofins Eaton Analytical South Bend

Data File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250925-41857.b\IC9.D

Injection Date: 26-Sep-2025 12:09:43

Instrument ID: GCMS-DM

Lims ID: IC 810-161845/12-A

Client ID:

Operator ID: TD

ALS Bottle#: 11

Worklist Smp#: 11

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: 522_GCMS-DM

Limit Group: MSS - 522

Column: CP Select 624 MS (0.25 mm)

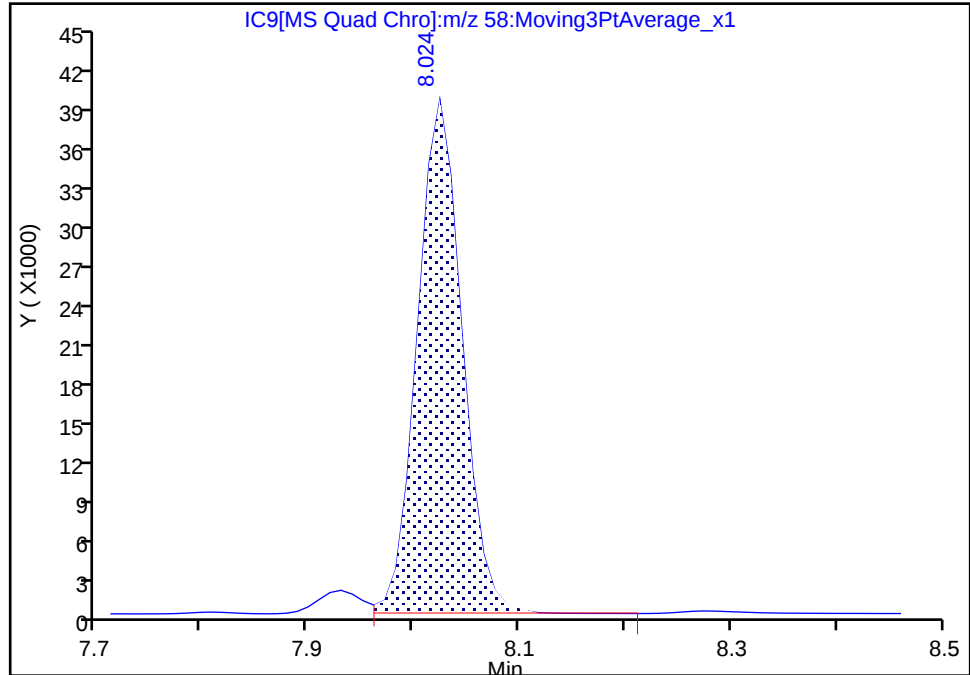
Detector: MS Quad

11 1,4-Dioxane, CAS: 123-91-1

Signal: 2

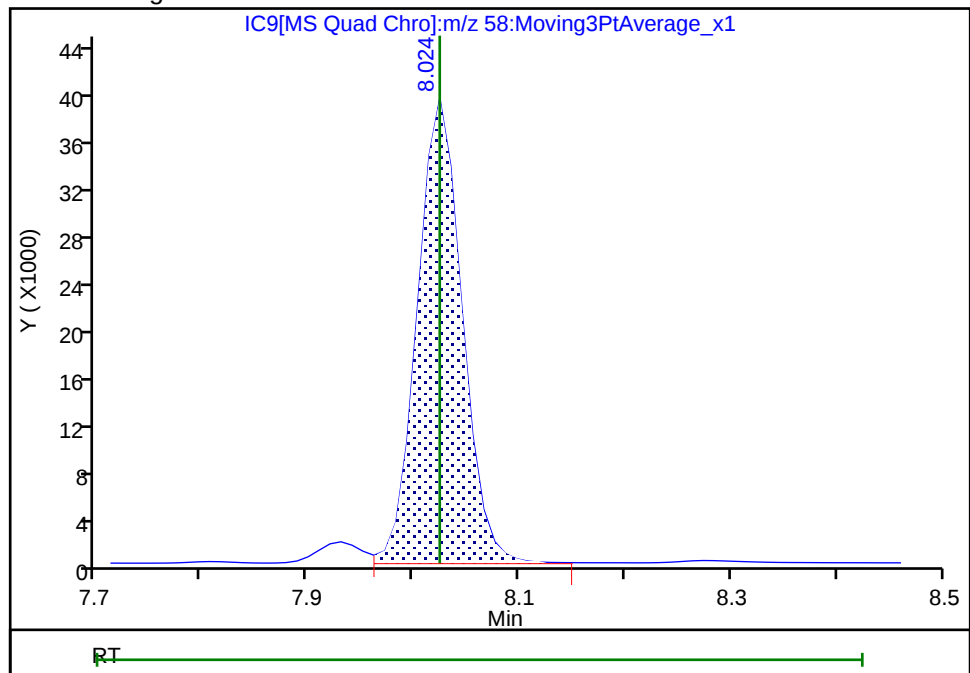
RT: 8.02
Area: 115778
Amount: 2009.9281
Amount Units: ug/l

Processing Integration Results



RT: 8.02
Area: 114901
Amount: 994.0786
Amount Units: ug/l

Manual Integration Results



Reviewer: JH8B, 26-Sep-2025 14:56:13 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Baseline

Eurofins Eaton Analytical South Bend
Target Compound Quantitation Report

Data File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250925-41857.b\IC10.D
 Lims ID: IC 810-161845/13-A
 Client ID:
 Sample Type: IC Calib Level: 10
 Inject. Date: 26-Sep-2025 12:34:40 ALS Bottle#: 12 Worklist Smp#: 12
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 810-0041857-012
 Misc. Info.: IC 810-161845/13-A
 Operator ID: TD Instrument ID: GCMS-DM
 Sublist: chrom-522_GCMS-DM*sub3
 Raw Data: Smoothed
 Method: \\ChromFS\Southbend\ChromData\GCMS-DM\20250925-41857.b\522_GCMS-DM.m
 Limit Group: MSS - 522
 Last Update: 29-Sep-2025 08:07:56 Calib Date: 26-Sep-2025 12:59:32
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250925-41857.b\IC11.D
 Column 1 : CP Select 624 MS (0.25 mm) Det: MS Quad
 Process Host: CTX1719

First Level Reviewer: JH8B

Date: 26-Sep-2025 13:55:04

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 5 Tetrahydrofuran-d8	46	5.846	5.862	-0.016	25	85167	500.0	500.0	
\$ 9 1,4-Dioxane-d8 (Surr)	96	7.952	7.952	0.000	0	65373	500.0	499.2	
11 1,4-Dioxane	88	8.024	8.024	0.000	84	336772	2500.0	2489.4	M
10 BFB									

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

O-522BFBSUB_00029

Amount Added: 1.00

Units: mL

Run Reagent

Report Date: 29-Sep-2025 08:07:56

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Eaton Analytical South Bend

Data File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250925-41857.b\IC10.D

Injection Date: 26-Sep-2025 12:34:40

Instrument ID: GCMS-DM

Lims ID: IC 810-161845/13-A

Client ID:

Operator ID: TD

ALS Bottle#: 12

Worklist Smp#: 12

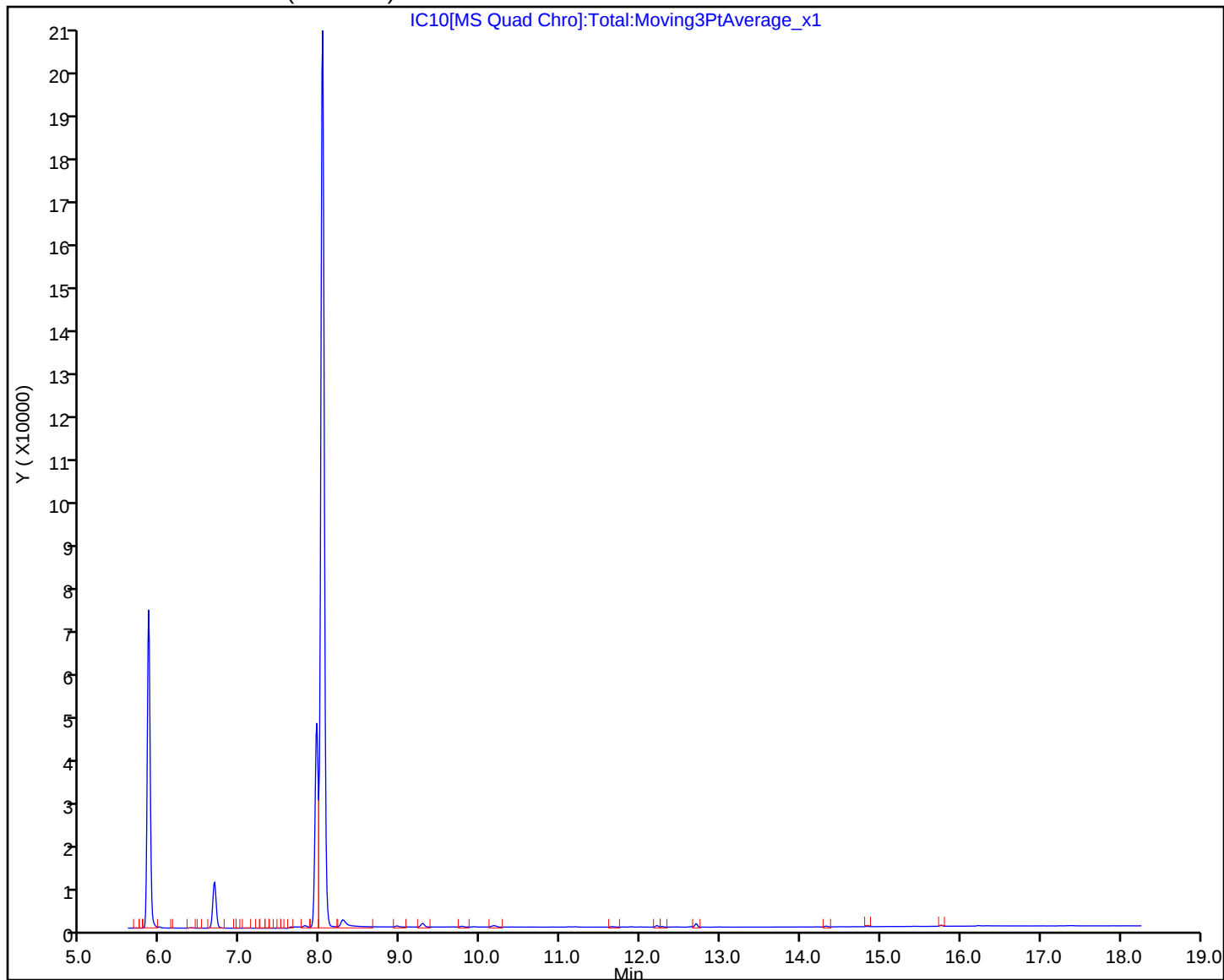
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: 522_GCMS-DM

Limit Group: MSS - 522

Column: CP Select 624 MS (0.25 mm)



Eurofins Eaton Analytical South Bend

Data File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250925-41857.b\IC10.D

Injection Date: 26-Sep-2025 12:34:40

Instrument ID: GCMS-DM

Lims ID: IC 810-161845/13-A

Client ID:

Operator ID: TD

ALS Bottle#:

12

Worklist Smp#: 12

Injection Vol: 1.0 ul

Dil. Factor:

1.0000

Method: 522_GCMS-DM

Limit Group:

MSS - 522

Column: CP Select 624 MS (0.25 mm)

Detector

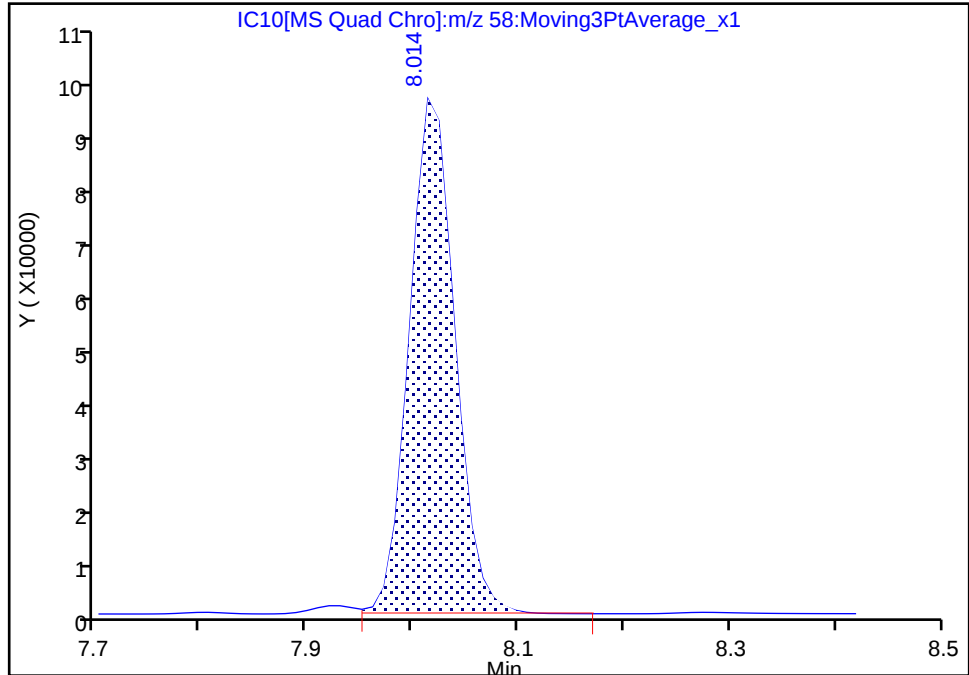
MS Quad

11 1,4-Dioxane, CAS: 123-91-1

Signal: 2

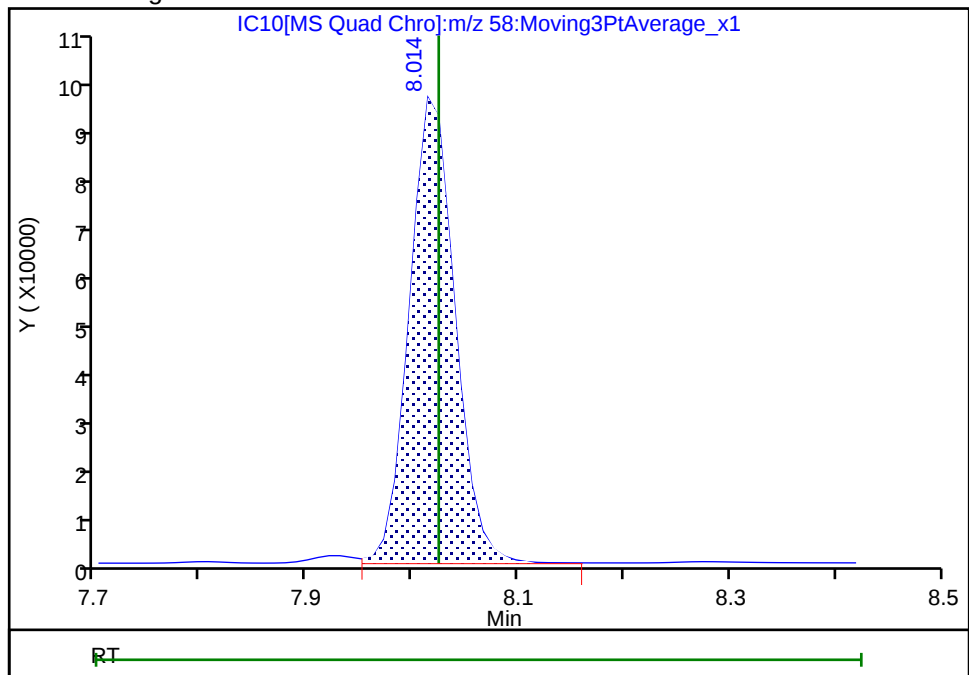
RT: 8.01
Area: 272821
Amount: 3802.8018
Amount Units: ug/l

Processing Integration Results



RT: 8.01
Area: 271565
Amount: 2489.4153
Amount Units: ug/l

Manual Integration Results



Reviewer: JH8B, 26-Sep-2025 14:55:50 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Baseline

Eurofins Eaton Analytical South Bend
Target Compound Quantitation Report

Data File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250925-41857.b\IC11.D
 Lims ID: IC 810-161845/14-A
 Client ID:
 Sample Type: IC Calib Level: 11
 Inject. Date: 26-Sep-2025 12:59:32 ALS Bottle#: 13 Worklist Smp#: 43
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 810-0041857-013
 Misc. Info.: IC 810-161845/14-A
 Operator ID: TD Instrument ID: GCMS-DM
 Sublist: chrom-522_GCMS-DM*sub3
 Raw Data: Smoothed
 Method: \\ChromFS\Southbend\ChromData\GCMS-DM\20250925-41857.b\522_GCMS-DM.m
 Limit Group: MSS - 522
 Last Update: 29-Sep-2025 08:07:59 Calib Date: 26-Sep-2025 12:59:32
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250925-41857.b\IC11.D
 Column 1 : CP Select 624 MS (0.25 mm) Det: MS Quad
 Process Host: CTX1719

First Level Reviewer: JH8B

Date: 26-Sep-2025 14:55:40

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 5 Tetrahydrofuran-d8	46	5.847	5.862	-0.015	25	89112	500.0	500.0	
\$ 9 1,4-Dioxane-d8 (Surr)	96	7.952	7.952	0.000	0	65600	500.0	478.7	
11 1,4-Dioxane	88	8.025	8.024	0.001	84	712323	5000.0	5032.1	M
10 BFB									

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

O-522BFBSUB_00029

Amount Added: 1.00

Units: mL

Run Reagent

Report Date: 29-Sep-2025 08:07:59

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Eaton Analytical South Bend

Data File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250925-41857.b\IC11.D

Injection Date: 26-Sep-2025 12:59:32

Instrument ID: GCMS-DM

Lims ID: IC 810-161845/14-A

Client ID:

Operator ID: TD

ALS Bottle#: 13

Worklist Smp#: 43

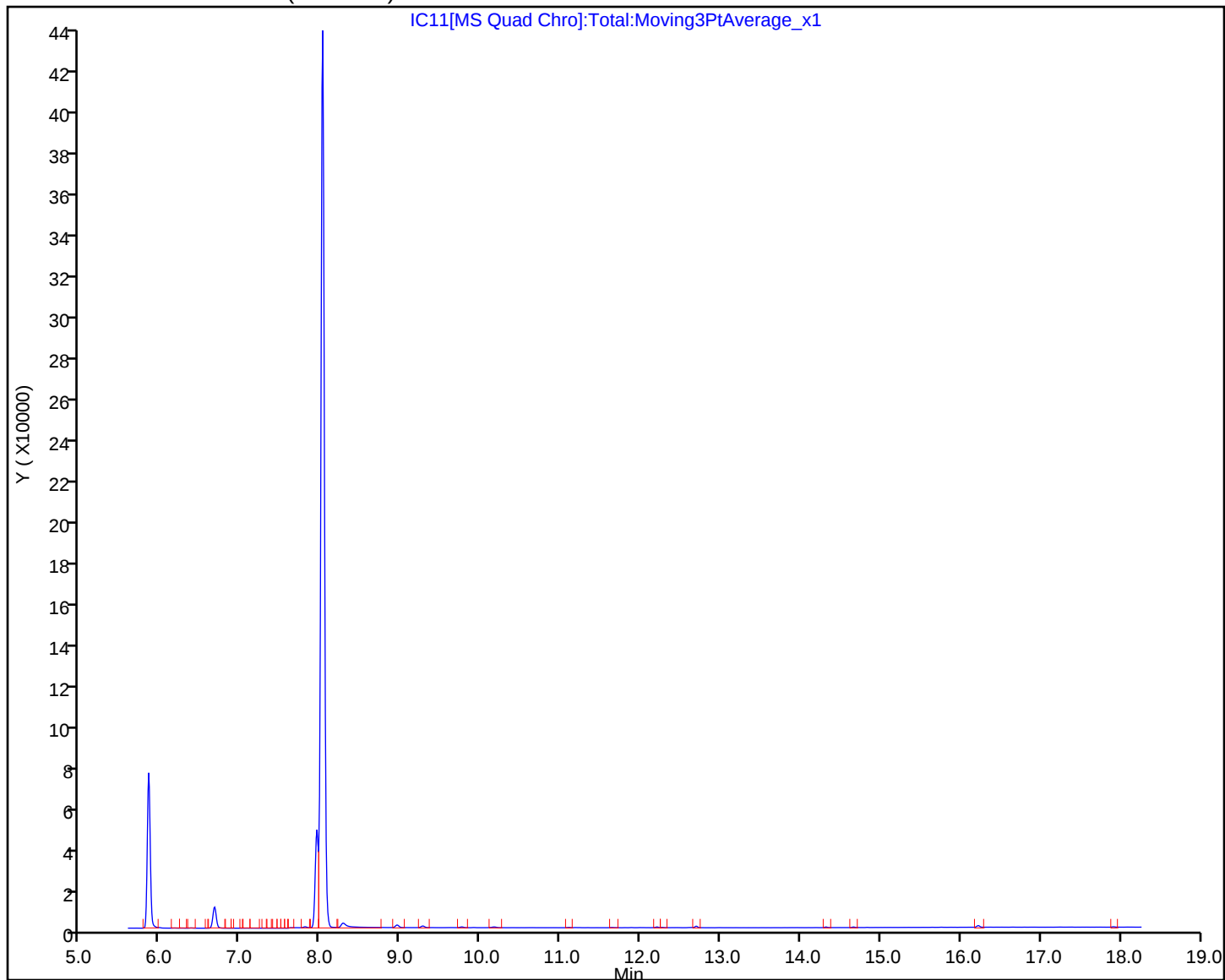
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: 522_GCMS-DM

Limit Group: MSS - 522

Column: CP Select 624 MS (0.25 mm)



Eurofins Eaton Analytical South Bend

Data File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250925-41857.b\IC11.D

Injection Date: 26-Sep-2025 12:59:32

Instrument ID: GCMS-DM

Lims ID: IC 810-161845/14-A

Client ID:

Operator ID: TD

ALS Bottle#:

13

Worklist Smp#: 43

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: 522_GCMS-DM

Limit Group: MSS - 522

Column: CP Select 624 MS (0.25 mm)

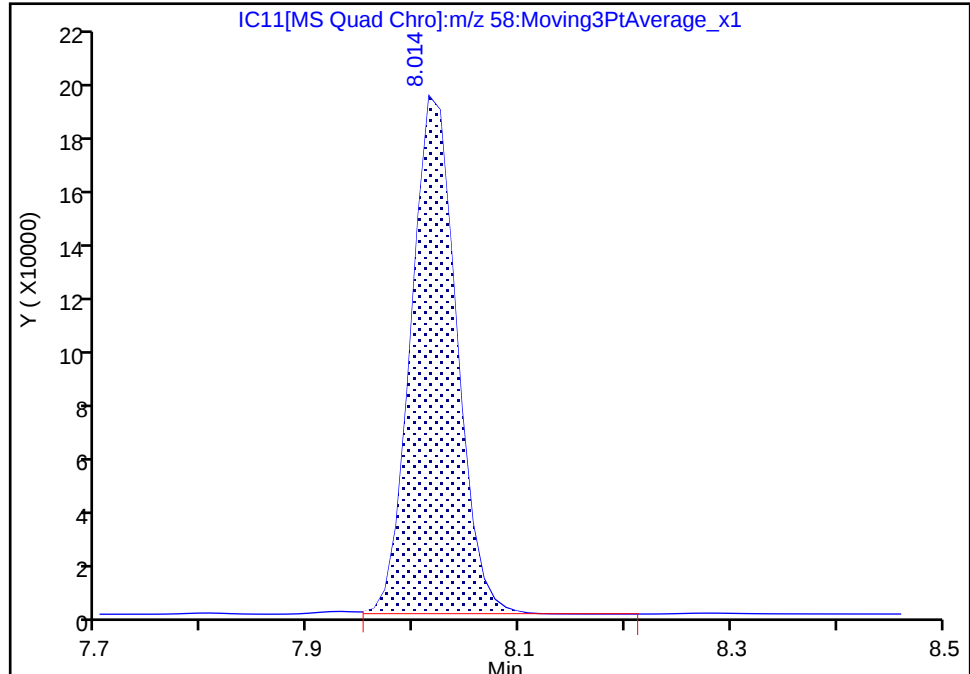
Detector: MS Quad

11 1,4-Dioxane, CAS: 123-91-1

Signal: 2

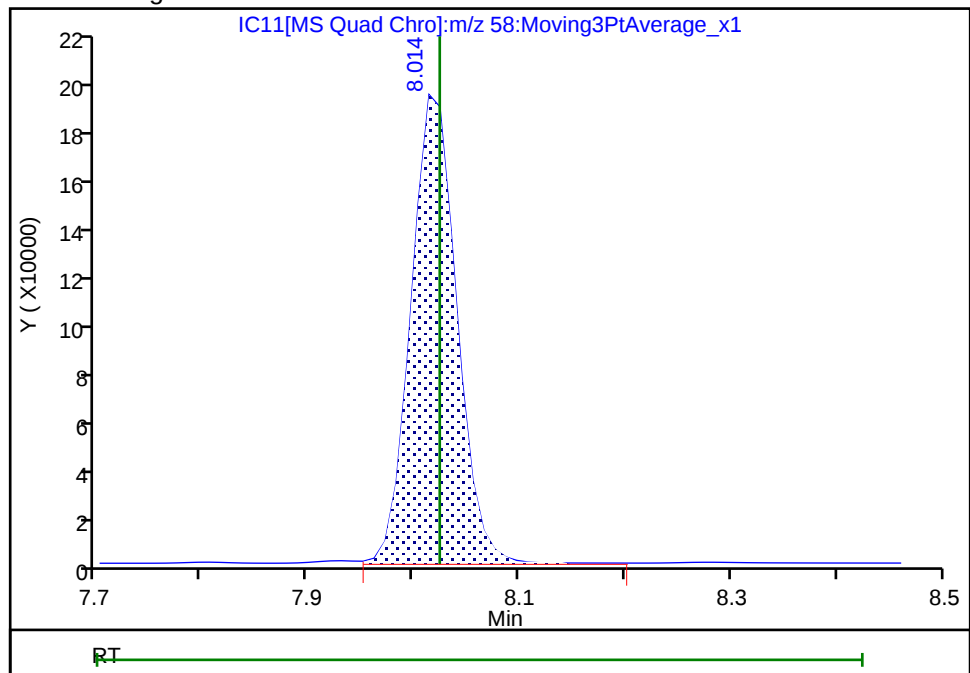
RT: 8.01
Area: 575138
Amount: 5004.1240
Amount Units: ug/l

Processing Integration Results



RT: 8.01
Area: 573539
Amount: 5032.1287
Amount Units: ug/l

Manual Integration Results



Reviewer: JH8B, 26-Sep-2025 14:55:38 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Baseline

Calibration

/ 1,4-Dioxane-d8 (Surr)

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

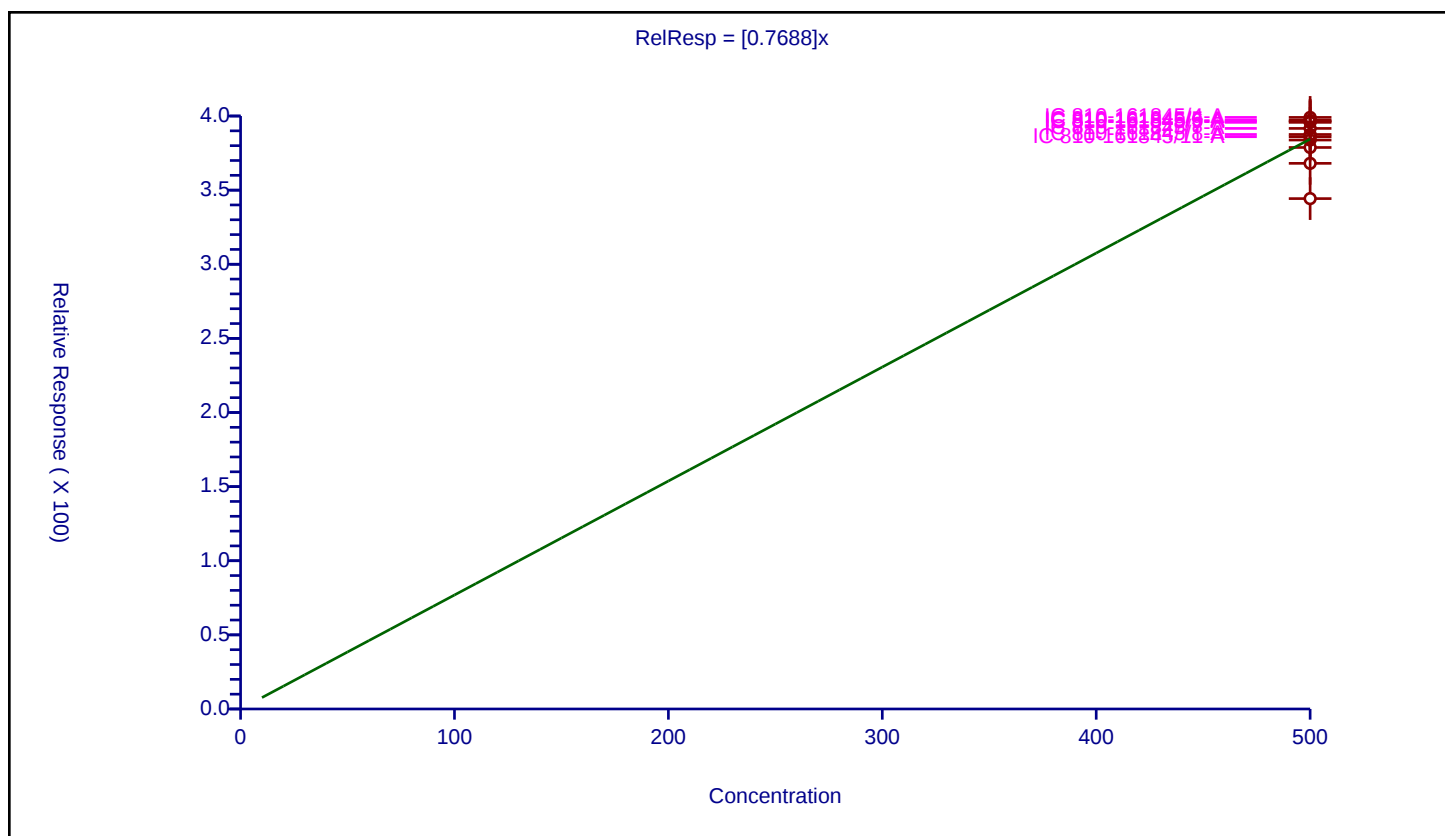
Curve Coefficients

Intercept: 0
Slope: 0.7688

Error Coefficients

Relative Standard Deviation: 4.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 810-161845/4-A	500.0	399.067166	500.0	89941.0	0.798134	Y
2	IC 810-161845/5-A	500.0	397.097892	500.0	89211.0	0.794196	Y
3	IC 810-161845/6-A	500.0	396.530232	500.0	92254.0	0.79306	Y
4	IC 810-161845/7-A	500.0	391.632586	500.0	93649.0	0.783265	Y
5	IC 810-161845/8-A	500.0	387.553985	500.0	89145.0	0.775108	Y
6	IC 810-161845/9-A	500.0	395.721576	500.0	91903.0	0.791443	Y
7	ICISAV 810-161845/10-A	500.0	344.293867	500.0	84637.0	0.688588	Y
8	IC 810-161845/11-A	500.0	386.019823	500.0	88182.0	0.77204	Y
9	IC 810-161845/12-A	500.0	378.77565	500.0	90448.0	0.757551	Y
10	IC 810-161845/13-A	500.0	383.793018	500.0	85167.0	0.767586	Y
11	IC 810-161845/14-A	500.0	368.076129	500.0	89112.0	0.736152	Y



Calibration

/ 1,4-Dioxane

Curve Type: Linear
Weighting: Conc
Origin: None
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

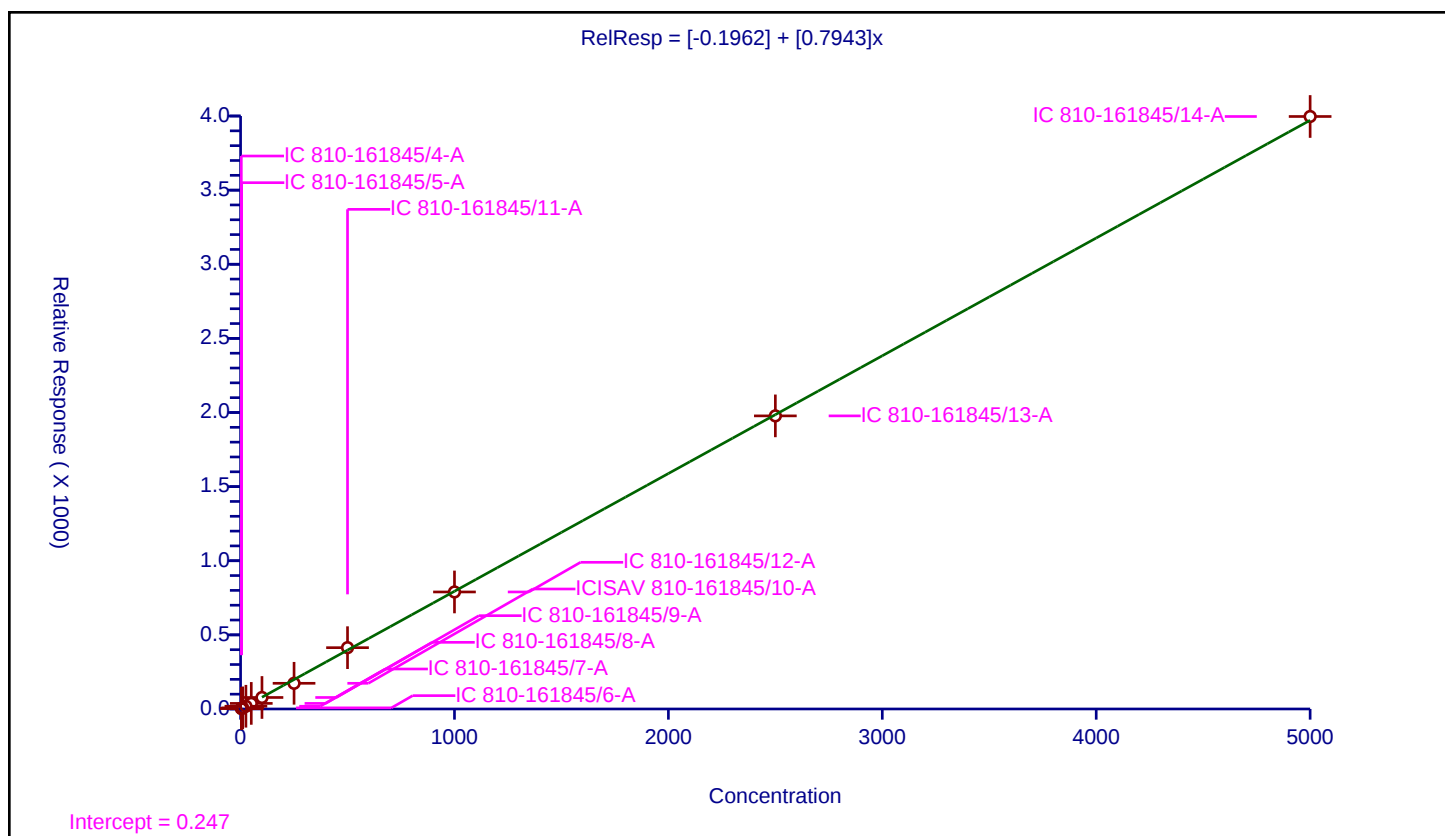
Curve Coefficients

Intercept: -0.1962
Slope: 0.7943

Error Coefficients

Relative Standard Deviation: 7.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 810-161845/4-A	3.5	2.935258	500.0	89941.0	0.838645	Y
2	IC 810-161845/5-A	5.0	4.203518	500.0	89211.0	0.840704	Y
3	IC 810-161845/6-A	10.0	7.598587	500.0	92254.0	0.759859	Y
4	IC 810-161845/7-A	25.0	18.462557	500.0	93649.0	0.738502	Y
5	IC 810-161845/8-A	50.0	37.668966	500.0	89145.0	0.753379	Y
6	IC 810-161845/9-A	100.0	77.59812	500.0	91903.0	0.775981	Y
7	ICISAV 810-161845/10-A	250.0	173.245744	500.0	84637.0	0.692983	Y
8	IC 810-161845/11-A	500.0	413.723889	500.0	88182.0	0.827448	Y
9	IC 810-161845/12-A	1000.0	789.3928	500.0	90448.0	0.789393	Y
10	IC 810-161845/13-A	2500.0	1977.127291	500.0	85167.0	0.790851	Y
11	IC 810-161845/14-A	5000.0	3996.784945	500.0	89112.0	0.799357	Y



FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Eaton Analytical South Job No.: 810-164749-1 Analy Batch No.: 162117
Bend

SDG No.:

Instrument ID: GCMS-FE GC Column: CPSelect 62 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/26/2025 16:05 Calibration End Date: 09/26/2025 19:42 Calibration ID: 17691

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 810-161845/4-A	IC 007.D
Level 2	IC 810-161845/5-A	IC 01.D
Level 3	IC 810-161845/6-A	IC 02.D
Level 4	IC 810-161845/7-A	IC 05.D
Level 5	IC 810-161845/8-A	IC 1.D
Level 6	IC 810-161845/9-A	IC 2.D
Level 7	ICISAV 810-161845/10-A	IC 5.D
Level 8	IC 810-161845/11-A	IC 10.D
Level 9	IC 810-161845/12-A	IC 20.D
Level 10	IC 810-161845/13-A	IC 50.D
Level 11	IC 810-161845/14-A	IC100.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6 LVL 11	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5 LVL 10		B	M1	M2								
1,4-Dioxane	0.7557 0.6650 0.7313	0.7204 0.6138	0.6490 0.7329	0.6387 0.7001	0.6556 0.7472	Lin1	-0.60 8	0.728 4				12.8					
1,4-Dioxane-d8 (Surr)	0.7174 0.6866 0.6668	0.6929 0.6144	0.6922 0.6782	0.6804 0.6713	0.6736 0.7160	Ave		0.680 9				4.1		30.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Eaton Analytical South Bend Job No.: 810-164749-1 Analy Batch No.: 162117

SDG No.: _____

Instrument ID: GCMS-FE GC Column: CPSelect 6 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/26/2025 16:05 Calibration End Date: 09/26/2025 19:42 Calibration ID: 17691

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 810-161845/4-A	IC 007.D
Level 2	IC 810-161845/5-A	IC 01.D
Level 3	IC 810-161845/6-A	IC 02.D
Level 4	IC 810-161845/7-A	IC 05.D
Level 5	IC 810-161845/8-A	IC 1.D
Level 6	IC 810-161845/9-A	IC 2.D
Level 7	ICISAV 810-161845/10-A	IC 5.D
Level 8	IC 810-161845/11-A	IC 10.D
Level 9	IC 810-161845/12-A	IC 20.D
Level 10	IC 810-161845/13-A	IC 50.D
Level 11	IC 810-161845/14-A	IC100.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6 LVL 11	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5 LVL 10	LVL 1 LVL 6 LVL 11	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5 LVL 10
1,4-Dioxane	THFd8	Lin1	320	463	798	2144	4361	3.50	5.00	10.0	25.0	50.0
			8678	18325	46473	89379	230988	100	250	500	1000	2500
			484858					5000				
1,4-Dioxane-d8 (Surr)	THFd8	Ave	43395	44532	42556	45677	44812	500	500	500	500	500
			44797	36688	43002	42853	44268	500	500	500	500	500
			44212					500				

Curve Type Legend:

Ave = Average ISTD
Lin1 = Linear 1/conc ISTD

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
READBACK PERCENT ERROR

Lab Name: Eurofins Eaton Analytical South Bend Job No.: 810-164749-1 Analy Batch No.: 162117

SDG No.: _____

Instrument ID: GCMS-FE GC Column: CPSelect 62 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/26/2025 16:05 Calibration End Date: 09/26/2025 19:42 Calibration ID: 17691

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 810-161845/4-A	IC 007.D
Level 2	IC 810-161845/5-A	IC 01.D
Level 3	IC 810-161845/6-A	IC 02.D
Level 4	IC 810-161845/7-A	IC 05.D
Level 5	IC 810-161845/8-A	IC 1.D
Level 6	IC 810-161845/9-A	IC 2.D
Level 7	ICISAV 810-161845/10-A	IC 5.D
Level 8	IC 810-161845/11-A	IC 10.D
Level 9	IC 810-161845/12-A	IC 20.D
Level 10	IC 810-161845/13-A	IC 50.D
Level 11	IC 810-161845/14-A	IC100.D

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 #	LVL 2 #	LVL 3 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6
	LVL 7 #	LVL 8 #	LVL 9 #	LVL 10 #	LVL 11 #		LVL 7	LVL 8	LVL 9	LVL 10	LVL 11	
1,4-Dioxane	27.6	15.6	-2.6	-9.0	-8.3	-7.9	40	20	20	20	20	20
	-15.4	0.8	-3.8	2.6	0.4		20	20	20	20	20	

Eurofins Eaton Analytical South Bend
Target Compound Quantitation Report

Data File: \\ChromFS\Southbend\ChromData\GCMS-FE\20250926-41908.b\IC 007.D
 Lims ID: IC 810-161845/4-A
 Client ID:
 Sample Type: IC Calib Level: 1
 Inject. Date: 26-Sep-2025 16:05:11 ALS Bottle#: 3 Worklist Smp#: 3
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 810-0041908-003
 Misc. Info.: IC 810-161845/4-A
 Operator ID: BC Instrument ID: GCMS-FE
 Sublist: chrom-522_GCMS-FE*sub1
 Raw Data: Smoothed
 Method: \\ChromFS\Southbend\ChromData\GCMS-FE\20250926-41908.b\522_GCMS-FE.m
 Limit Group: MSS - 522
 Last Update: 29-Sep-2025 08:31:26 Calib Date: 26-Sep-2025 19:42:21
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromFS\Southbend\ChromData\GCMS-FE\20250926-41908.b\IC100.D
 Column 1 : CP Select 624 MS (0.25 mm) Det: MS Quad
 Process Host: CTX1719

First Level Reviewer: JH8B

Date: 29-Sep-2025 08:19:15

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 5 Tetrahydrofuran-d8	46	6.488	6.487	0.001	27	60493	500.0	500.0	
\$ 9 1,4-Dioxane-d8 (Surr)	96	8.632	8.632	0.000	95	43395	500.0	526.8	
11 1,4-Dioxane	88	8.705	8.715	-0.010	83	320	3.50	4.47	M

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Report Date: 29-Sep-2025 08:31:26

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Eaton Analytical South Bend

Data File: \\ChromFS\Southbend\ChromData\GCMS-FE\20250926-41908.b\IC 007.D

Injection Date: 26-Sep-2025 16:05:11

Instrument ID: GCMS-FE

Lims ID: IC 810-161845/4-A

Client ID:

Operator ID: BC

ALS Bottle#:

3

Worklist Smp#:

3

Injection Vol: 1.0 ul

Dil. Factor:

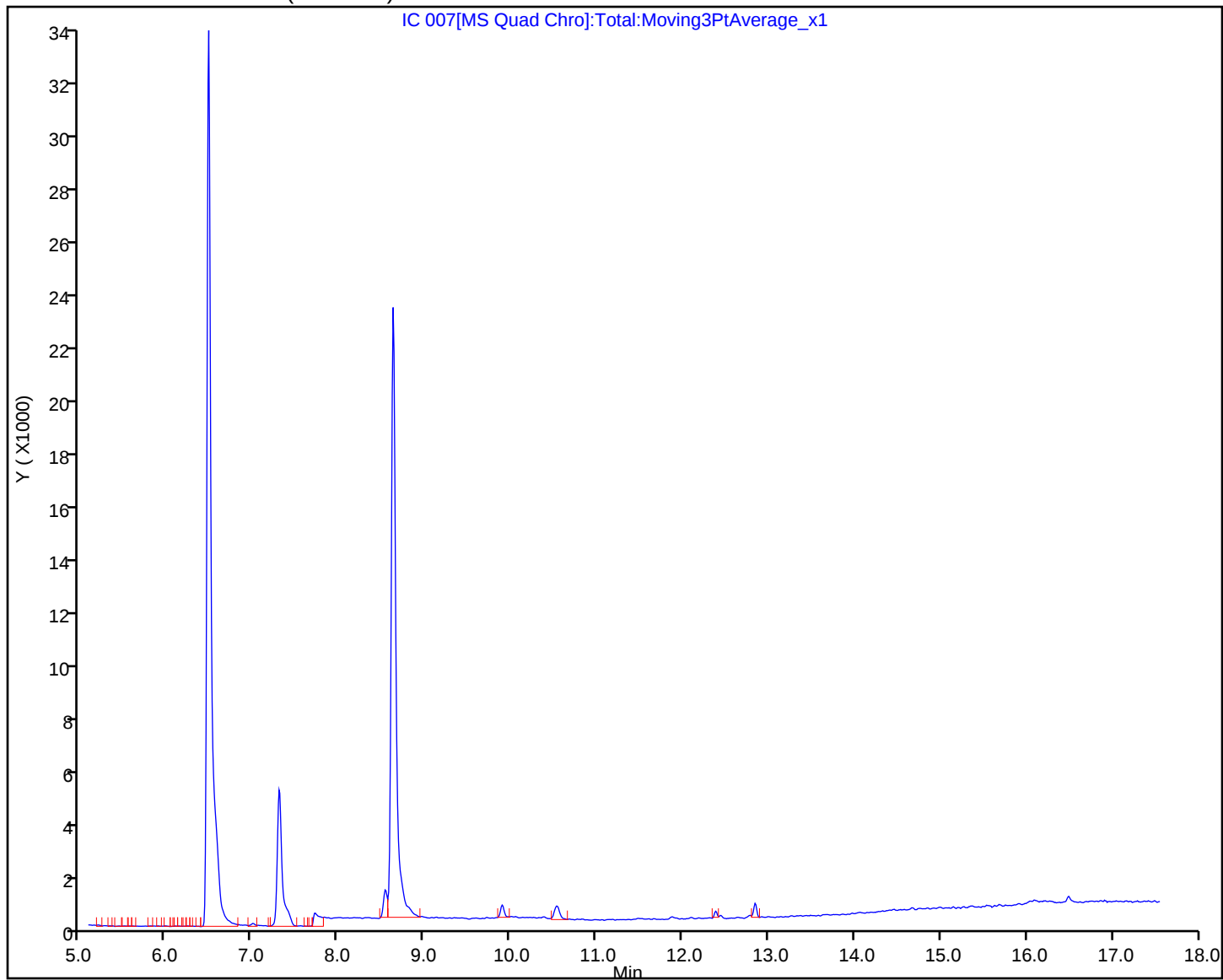
1.0000

Method: 522_GCMS-FE

Limit Group:

MSS - 522

Column: CP Select 624 MS (0.25 mm)



Eurofins Eaton Analytical South Bend

Data File: \\ChromFS\Southbend\ChromData\GCMS-FE\20250926-41908.b\IC 007.D

Injection Date: 26-Sep-2025 16:05:11

Instrument ID: GCMS-FE

Lims ID: IC 810-161845/4-A

Client ID:

Operator ID: BC

ALS Bottle#:

3

Worklist Smp#: 3

Injection Vol: 1.0 ul

Dil. Factor:

1.0000

Method: 522_GCMS-FE

Limit Group:

MSS - 522

Column: CP Select 624 MS (0.25 mm)

Detector

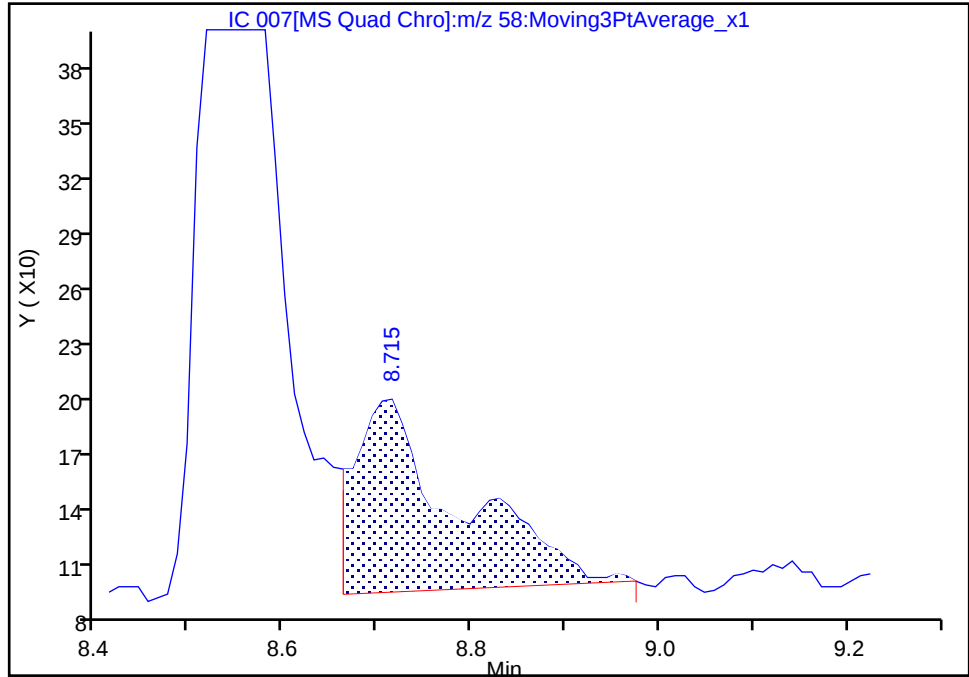
MS Quad

11 1,4-Dioxane, CAS: 123-91-1

Signal: 2

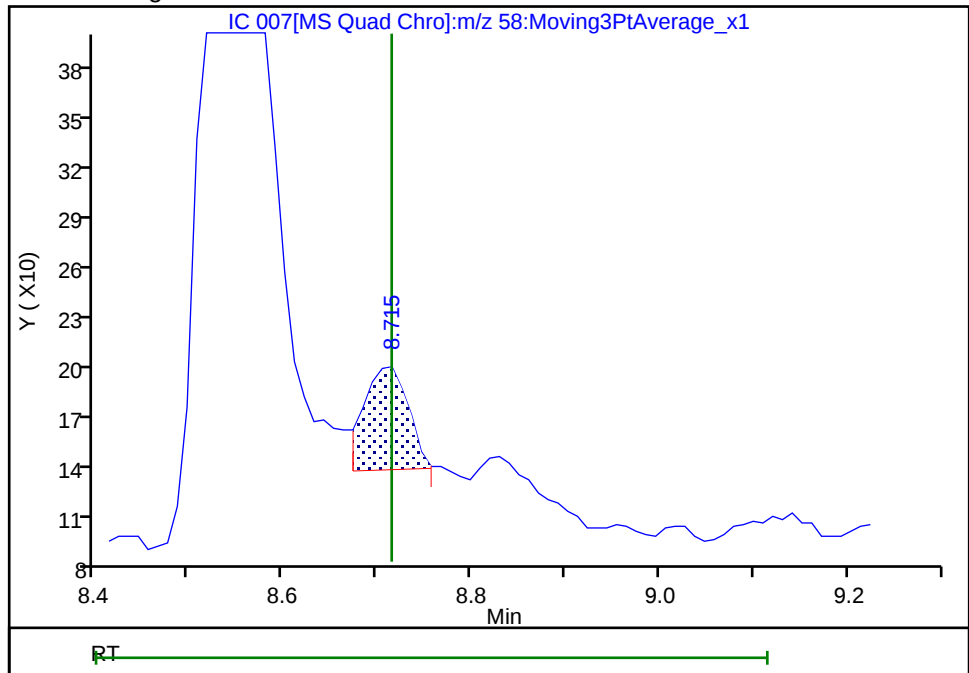
RT: 8.72
Area: 810
Amount: 4.676047
Amount Units: ug/l

Processing Integration Results



RT: 8.72
Area: 204
Amount: 4.465584
Amount Units: ug/l

Manual Integration Results



Reviewer: JH8B, 29-Sep-2025 08:19:10 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Baseline

Eurofins Eaton Analytical South Bend
Target Compound Quantitation Report

Data File: \\ChromFS\Southbend\ChromData\GCMS-FE\20250926-41908.b\IC 01.D
 Lims ID: IC 810-161845/5-A
 Client ID:
 Sample Type: IC Calib Level: 2
 Inject. Date: 26-Sep-2025 16:26:53 ALS Bottle#: 4 Worklist Smp#: 4
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 810-0041908-004
 Misc. Info.: IC 810-161845/5-A
 Operator ID: BC Instrument ID: GCMS-FE
 Sublist: chrom-522_GCMS-FE*sub1
 Raw Data: Smoothed
 Method: \\ChromFS\Southbend\ChromData\GCMS-FE\20250926-41908.b\522_GCMS-FE.m
 Limit Group: MSS - 522
 Last Update: 29-Sep-2025 08:31:26 Calib Date: 26-Sep-2025 19:42:21
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromFS\Southbend\ChromData\GCMS-FE\20250926-41908.b\IC100.D
 Column 1 : CP Select 624 MS (0.25 mm) Det: MS Quad
 Process Host: CTX1719

First Level Reviewer: JH8B

Date: 29-Sep-2025 08:19:28

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 5 Tetrahydrofuran-d8	46	6.488	6.487	0.001	27	64272	500.0	500.0	
\$ 9 1,4-Dioxane-d8 (Surr)	96	8.632	8.632	0.000	95	44532	500.0	508.8	
11 1,4-Dioxane	88	8.715	8.715	0.000	79	463	5.00	5.78	M

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Report Date: 29-Sep-2025 08:31:27

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Eaton Analytical South Bend

Data File: \\ChromFS\Southbend\ChromData\GCMS-FE\20250926-41908.b\IC 01.D

Injection Date: 26-Sep-2025 16:26:53

Instrument ID: GCMS-FE

Lims ID: IC 810-161845/5-A

Client ID:

Operator ID: BC

ALS Bottle#: 4

Worklist Smp#: 4

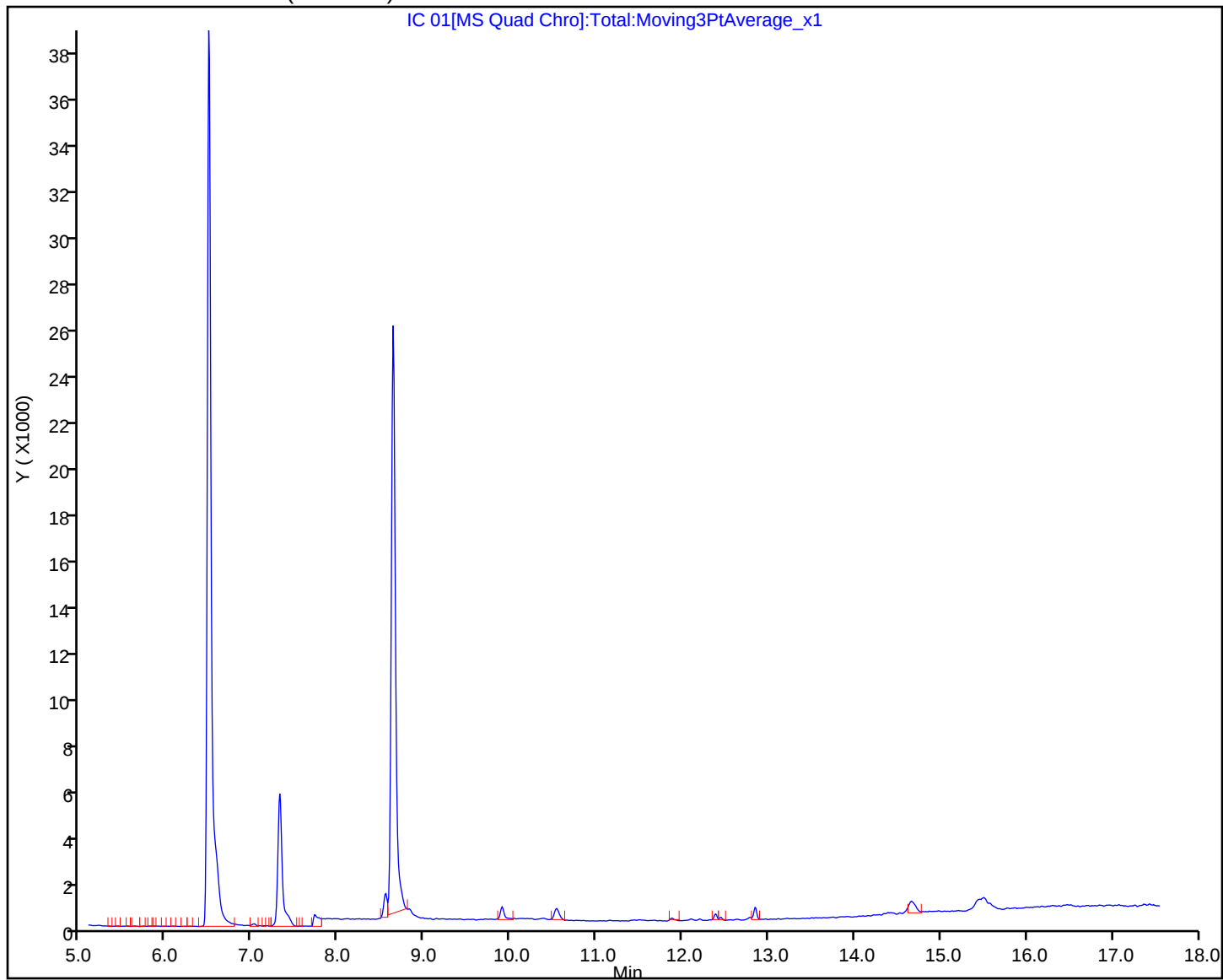
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: 522_GCMS-FE

Limit Group: MSS - 522

Column: CP Select 624 MS (0.25 mm)



Eurofins Eaton Analytical South Bend

Data File: \\ChromFS\Southbend\ChromData\GCMS-FE\20250926-41908.b\IC 01.D

Injection Date: 26-Sep-2025 16:26:53

Instrument ID: GCMS-FE

Lims ID: IC 810-161845/5-A

Client ID:

Operator ID: BC

ALS Bottle#:

4

Worklist Smp#: 4

Injection Vol: 1.0 ul

Dil. Factor:

1.0000

Method: 522_GCMS-FE

Limit Group:

MSS - 522

Column: CP Select 624 MS (0.25 mm)

Detector

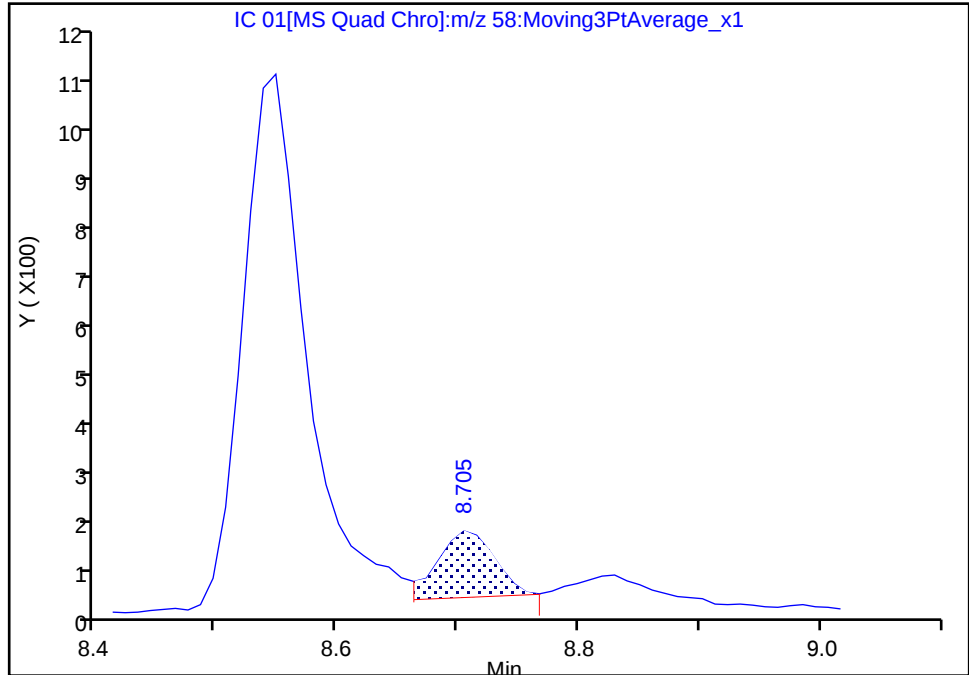
MS Quad

11 1,4-Dioxane, CAS: 123-91-1

Signal: 2

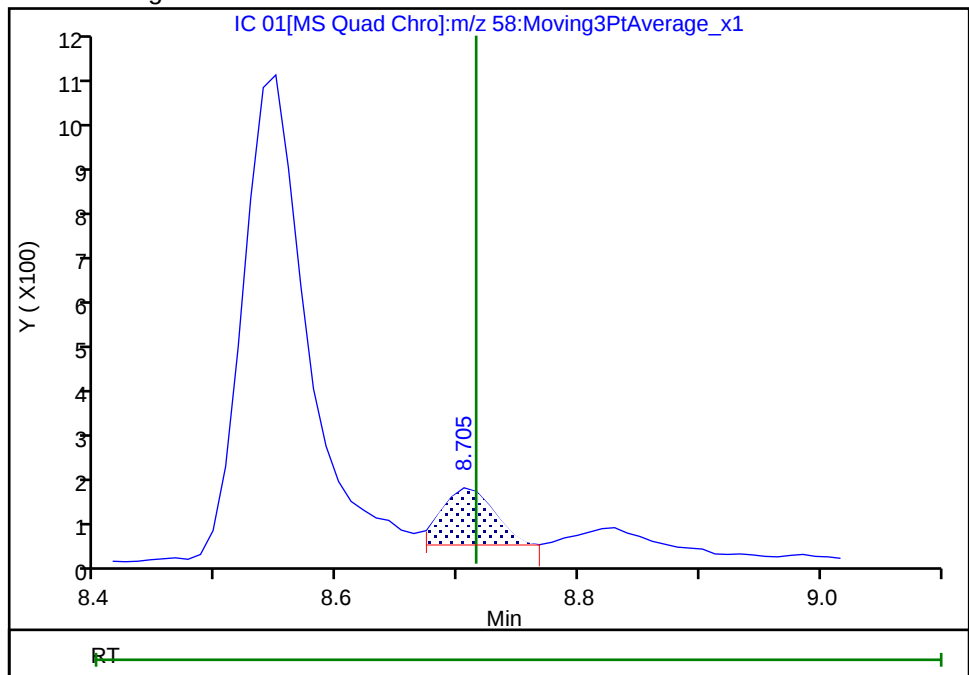
RT: 8.70
Area: 399
Amount: 5.627312
Amount Units: ug/l

Processing Integration Results



RT: 8.70
Area: 354
Amount: 5.779271
Amount Units: ug/l

Manual Integration Results



Reviewer: JH8B, 29-Sep-2025 08:19:27 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Baseline

Eurofins Eaton Analytical South Bend
Target Compound Quantitation Report

Data File: \\ChromFS\Southbend\ChromData\GCMS-FE\20250926-41908.b\IC 02.D
Lims ID: IC 810-161845/6-A
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 26-Sep-2025 16:48:32 ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 810-0041908-005
Misc. Info.: IC 810-161845/6-A
Operator ID: BC Instrument ID: GCMS-FE
Sublist: chrom-522_GCMS-FE*sub1
Raw Data: Smoothed
Method: \\ChromFS\Southbend\ChromData\GCMS-FE\20250926-41908.b\522_GCMS-FE.m
Limit Group: MSS - 522
Last Update: 29-Sep-2025 08:31:27 Calib Date: 26-Sep-2025 19:42:21
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromFS\Southbend\ChromData\GCMS-FE\20250926-41908.b\IC100.D
Column 1 : CP Select 624 MS (0.25 mm) Det: MS Quad
Process Host: CTX1719

First Level Reviewer: JH8B

Date: 29-Sep-2025 08:19:42

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 5 Tetrahydrofuran-d8	46	6.488	6.487	0.001	26	61481	500.0	500.0	
\$ 9 1,4-Dioxane-d8 (Surr)	96	8.632	8.632	0.000	95	42556	500.0	508.3	
11 1,4-Dioxane	88	8.715	8.715	0.000	84	798	10.0	9.74	M

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Report Date: 29-Sep-2025 08:31:27

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Eaton Analytical South Bend

Data File: \\ChromFS\Southbend\ChromData\GCMS-FE\20250926-41908.b\IC 02.D

Injection Date: 26-Sep-2025 16:48:32

Instrument ID: GCMS-FE

Lims ID: IC 810-161845/6-A

Client ID:

Operator ID: BC

ALS Bottle#:

5

Worklist Smp#:

5

Injection Vol: 1.0 ul

Dil. Factor:

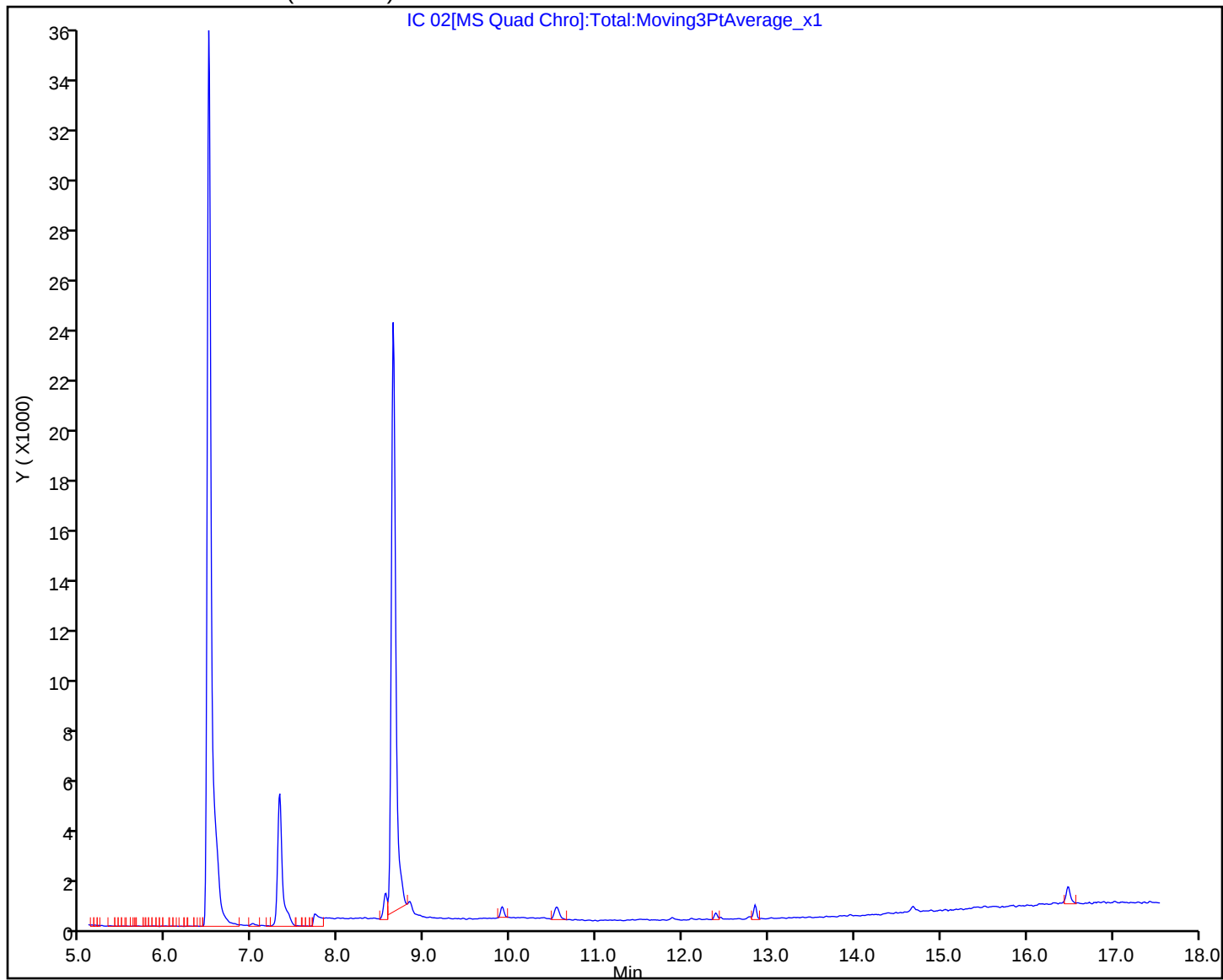
1.0000

Method: 522_GCMS-FE

Limit Group:

MSS - 522

Column: CP Select 624 MS (0.25 mm)



Eurofins Eaton Analytical South Bend

Data File: \\ChromFS\Southbend\ChromData\GCMS-FE\20250926-41908.b\IC 02.D

Injection Date: 26-Sep-2025 16:48:32

Instrument ID: GCMS-FE

Lims ID: IC 810-161845/6-A

Client ID:

Operator ID: BC

ALS Bottle#:

5

Worklist Smp#: 5

Injection Vol: 1.0 ul

Dil. Factor:

1.0000

Method: 522_GCMS-FE

Limit Group:

MSS - 522

Column: CP Select 624 MS (0.25 mm)

Detector

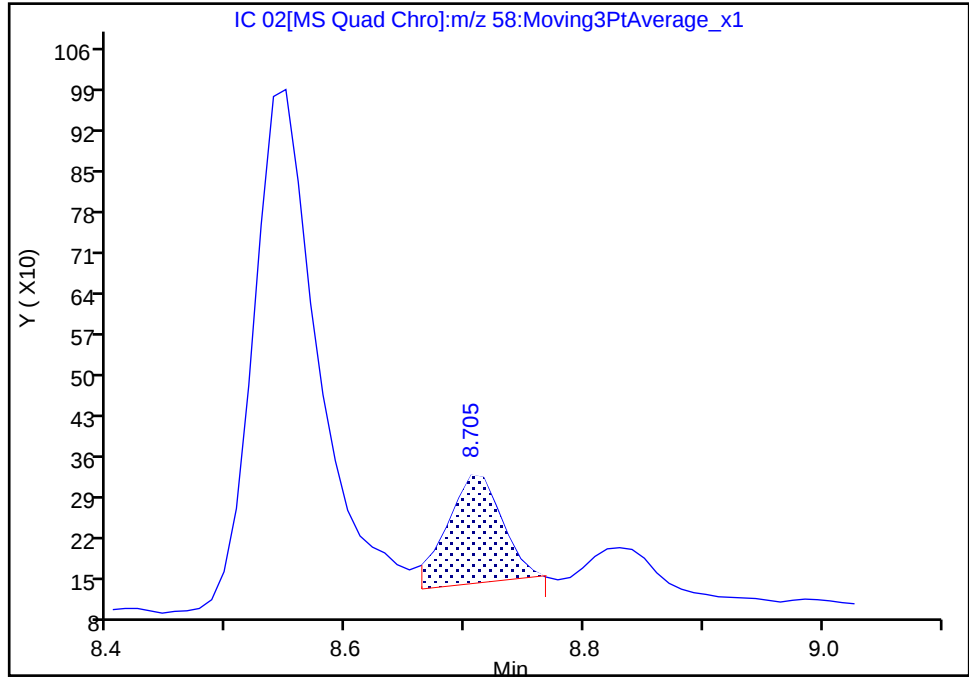
MS Quad

11 1,4-Dioxane, CAS: 123-91-1

Signal: 2

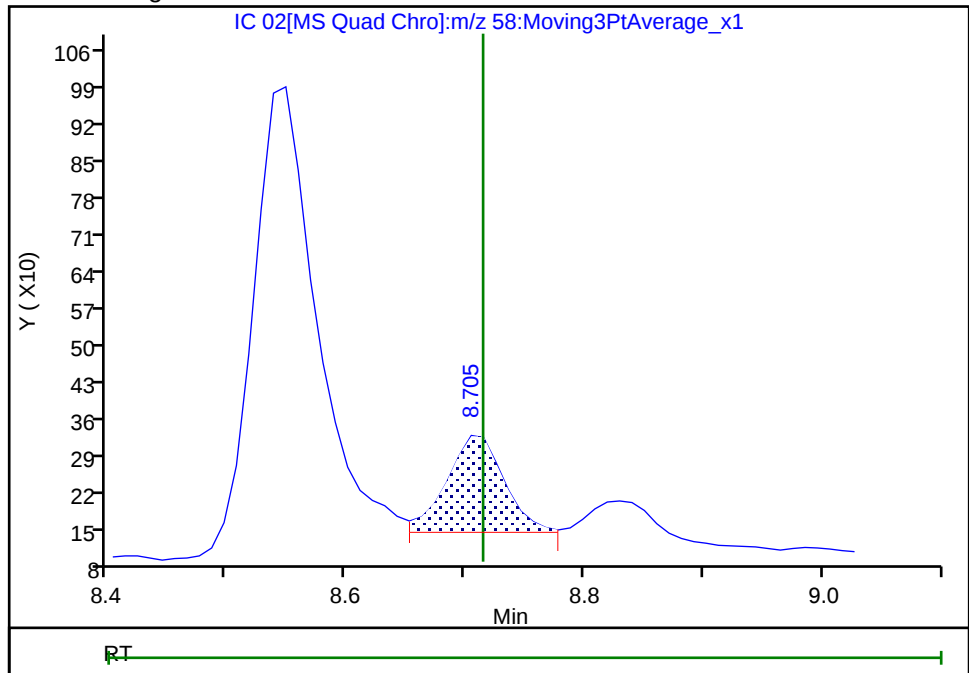
RT: 8.70
Area: 607
Amount: 12.965734
Amount Units: ug/l

Processing Integration Results



RT: 8.70
Area: 600
Amount: 9.743797
Amount Units: ug/l

Manual Integration Results



Reviewer: JH8B, 29-Sep-2025 08:19:41 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Baseline

Eurofins Eaton Analytical South Bend
Target Compound Quantitation Report

Data File: \\ChromFS\Southbend\ChromData\GCMS-FE\20250926-41908.b\IC 05.D
 Lims ID: IC 810-161845/7-A
 Client ID:
 Sample Type: IC Calib Level: 4
 Inject. Date: 26-Sep-2025 17:10:17 ALS Bottle#: 6 Worklist Smp#: 6
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 810-0041908-006
 Misc. Info.: IC 810-161845/7-A
 Operator ID: BC Instrument ID: GCMS-FE
 Sublist: chrom-522_GCMS-FE*sub1
 Raw Data: Smoothed
 Method: \\ChromFS\Southbend\ChromData\GCMS-FE\20250926-41908.b\522_GCMS-FE.m
 Limit Group: MSS - 522
 Last Update: 29-Sep-2025 08:31:28 Calib Date: 26-Sep-2025 19:42:21
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromFS\Southbend\ChromData\GCMS-FE\20250926-41908.b\IC100.D
 Column 1 : CP Select 624 MS (0.25 mm) Det: MS Quad
 Process Host: CTX1719

First Level Reviewer: JH8B

Date: 29-Sep-2025 08:19:57

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 5 Tetrahydrofuran-d8	46	6.495	6.487	0.008	26	67135	500.0	500.0	
\$ 9 1,4-Dioxane-d8 (Surr)	96	8.632	8.632	0.000	95	45677	500.0	499.6	
11 1,4-Dioxane	88	8.715	8.715	0.000	83	2144	25.0	22.8	M

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Report Date: 29-Sep-2025 08:31:28

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Eaton Analytical South Bend

Data File: \\ChromFS\Southbend\ChromData\GCMS-FE\20250926-41908.b\IC 05.D

Injection Date: 26-Sep-2025 17:10:17

Instrument ID: GCMS-FE

Lims ID: IC 810-161845/7-A

Client ID:

Operator ID: BC

ALS Bottle#:

6

Worklist Smp#:

6

Injection Vol: 1.0 ul

Dil. Factor:

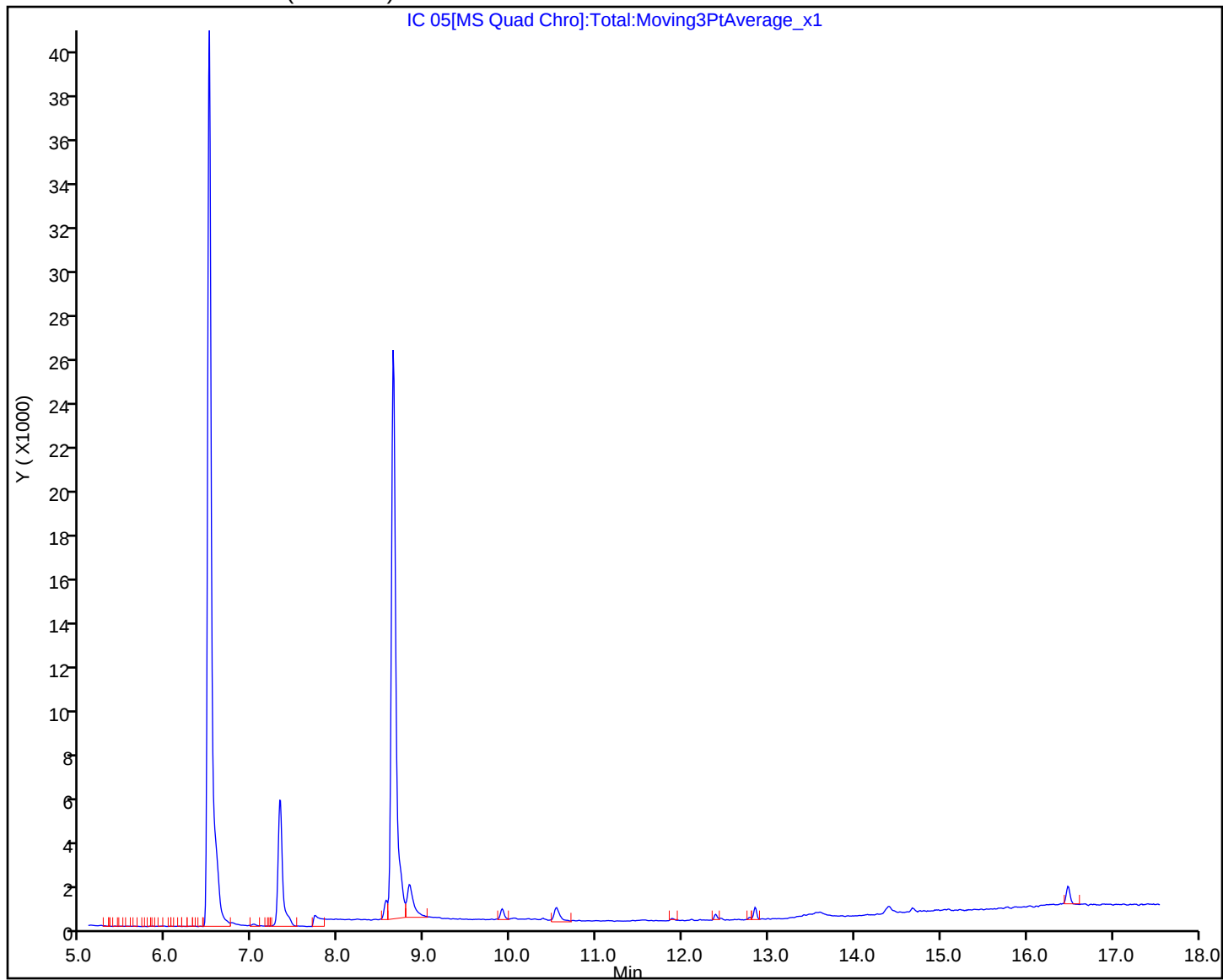
1.0000

Method: 522_GCMS-FE

Limit Group:

MSS - 522

Column: CP Select 624 MS (0.25 mm)



Eurofins Eaton Analytical South Bend

Data File: \\ChromFS\Southbend\ChromData\GCMS-FE\20250926-41908.b\IC 05.D

Injection Date: 26-Sep-2025 17:10:17

Instrument ID: GCMS-FE

Lims ID: IC 810-161845/7-A

Client ID:

Operator ID: BC

ALS Bottle#: 6

Worklist Smp#: 6

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: 522_GCMS-FE

Limit Group: MSS - 522

Column: CP Select 624 MS (0.25 mm)

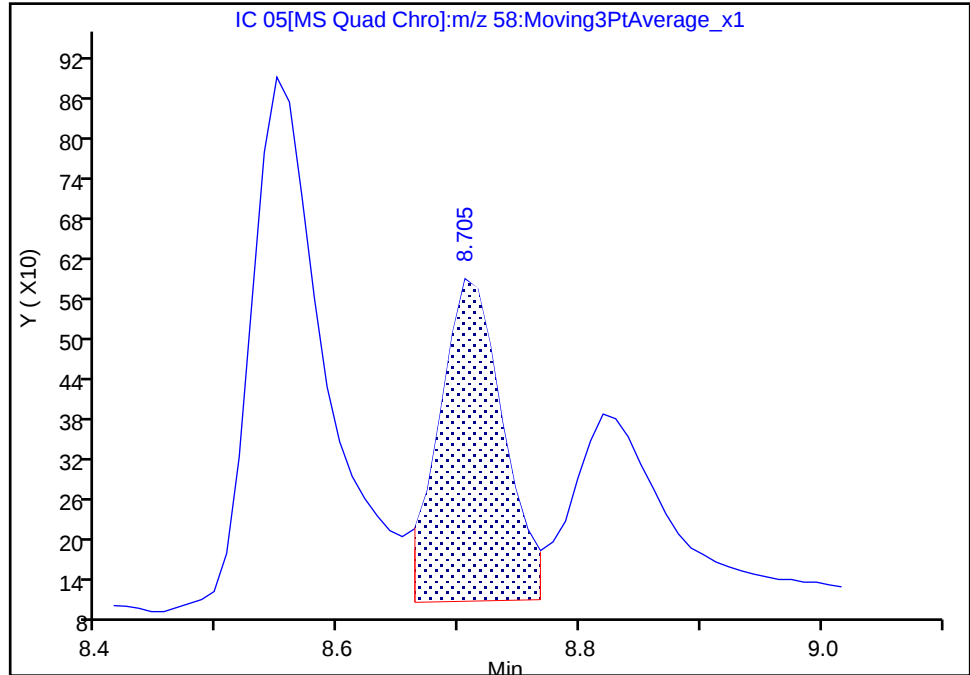
Detector: MS Quad

11 1,4-Dioxane, CAS: 123-91-1

Signal: 2

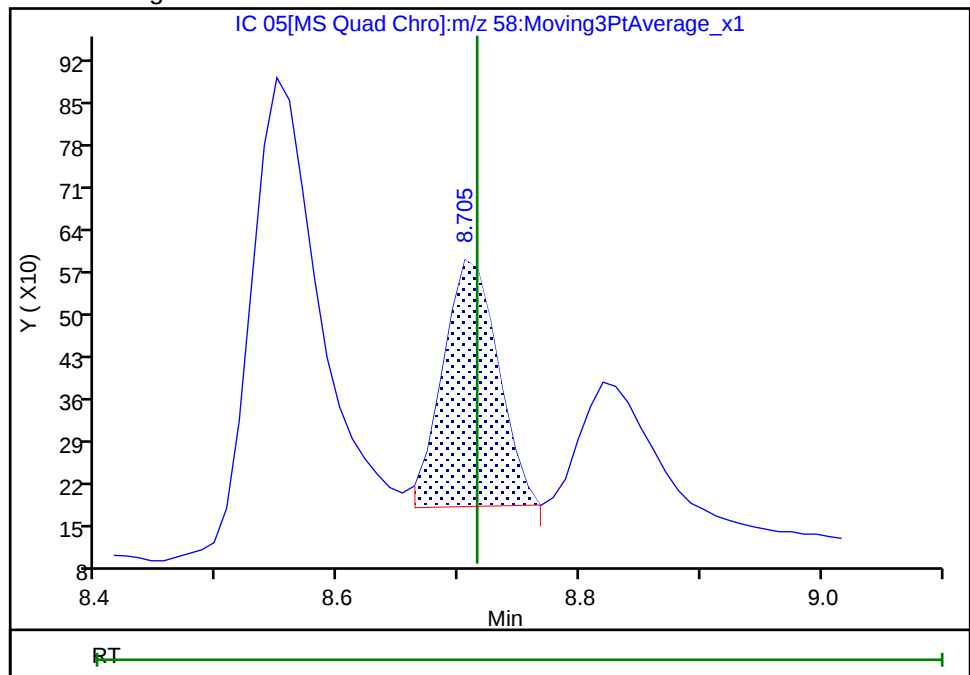
RT: 8.70
Area: 1812
Amount: 23.053114
Amount Units: ug/l

Processing Integration Results



RT: 8.70
Area: 1311
Amount: 22.755137
Amount Units: ug/l

Manual Integration Results



Reviewer: JH8B, 29-Sep-2025 08:19:56 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Baseline

Eurofins Eaton Analytical South Bend
Target Compound Quantitation Report

Data File: \\ChromFS\Southbend\ChromData\GCMS-FE\20250926-41908.b\IC 1.D
 Lims ID: IC 810-161845/8-A
 Client ID:
 Sample Type: IC Calib Level: 5
 Inject. Date: 26-Sep-2025 17:31:56 ALS Bottle#: 7 Worklist Smp#: 7
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 810-0041908-007
 Misc. Info.: IC 810-161845/8-A
 Operator ID: BC Instrument ID: GCMS-FE
 Sublist: chrom-522_GCMS-FE*sub1
 Raw Data: Smoothed
 Method: \\ChromFS\Southbend\ChromData\GCMS-FE\20250926-41908.b\522_GCMS-FE.m
 Limit Group: MSS - 522
 Last Update: 29-Sep-2025 08:31:29 Calib Date: 26-Sep-2025 19:42:21
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromFS\Southbend\ChromData\GCMS-FE\20250926-41908.b\IC100.D
 Column 1 : CP Select 624 MS (0.25 mm) Det: MS Quad
 Process Host: CTX1719

First Level Reviewer: JH8B

Date: 29-Sep-2025 08:20:13

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 5 Tetrahydrofuran-d8	46	6.487	6.487	0.000	26	66523	500.0	500.0	
\$ 9 1,4-Dioxane-d8 (Surr)	96	8.632	8.632	0.000	95	44812	500.0	494.7	
11 1,4-Dioxane	88	8.715	8.715	0.000	81	4361	50.0	45.8	M

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Report Date: 29-Sep-2025 08:31:29

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Eaton Analytical South Bend

Data File: \\ChromFS\Southbend\ChromData\GCMS-FE\20250926-41908.b\IC 1.D

Injection Date: 26-Sep-2025 17:31:56

Instrument ID: GCMS-FE

Lims ID: IC 810-161845/8-A

Client ID:

Operator ID: BC

ALS Bottle#:

7

Worklist Smp#:

7

Injection Vol: 1.0 ul

Dil. Factor:

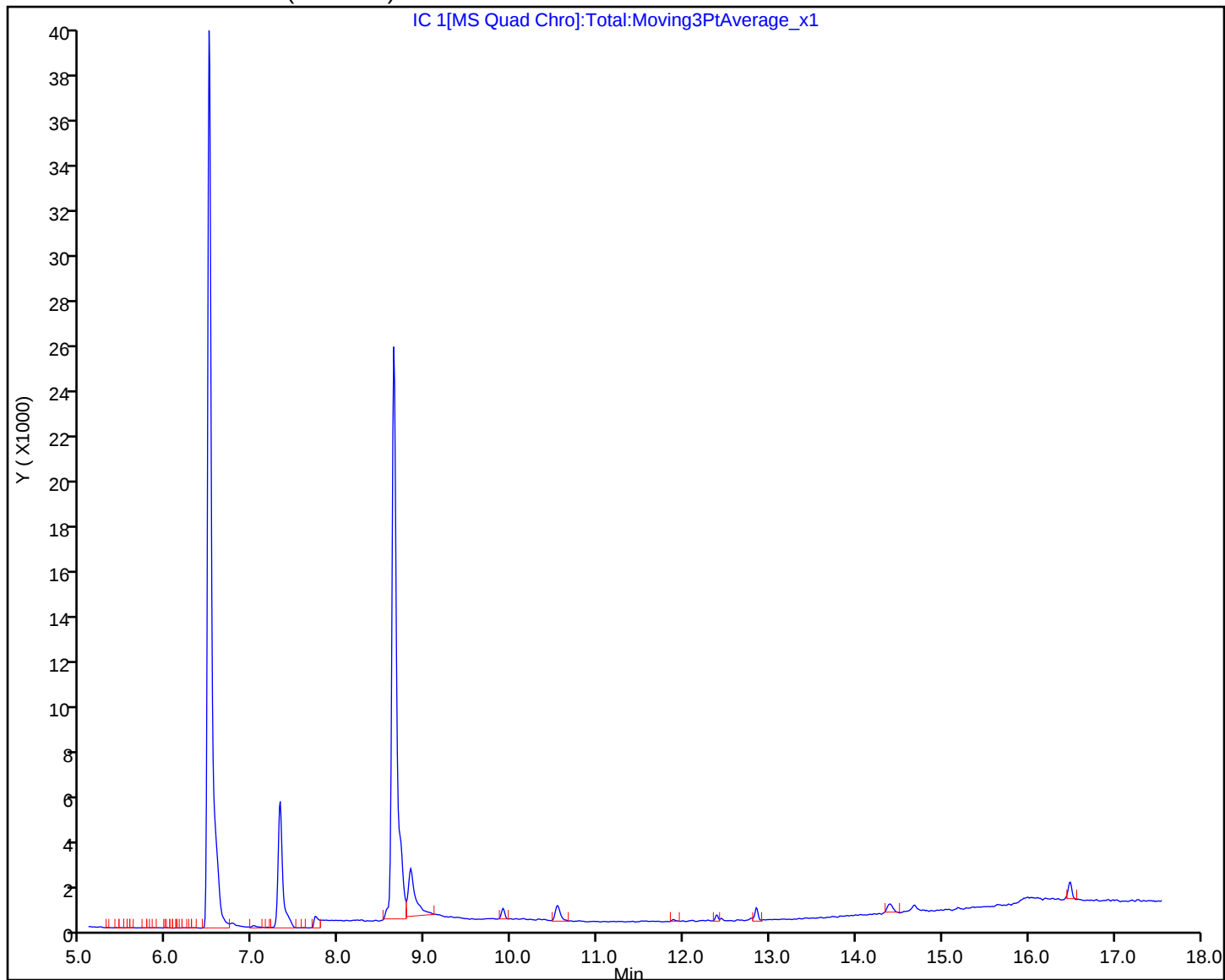
1.0000

Method: 522_GCMS-FE

Limit Group:

MSS - 522

Column: CP Select 624 MS (0.25 mm)



Eurofins Eaton Analytical South Bend

Data File: \\ChromFS\Southbend\ChromData\GCMS-FE\20250926-41908.b\IC 1.D

Injection Date: 26-Sep-2025 17:31:56

Instrument ID: GCMS-FE

Lims ID: IC 810-161845/8-A

Client ID:

Operator ID: BC

ALS Bottle#: 7

Worklist Smp#: 7

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: 522_GCMS-FE

Limit Group: MSS - 522

Column: CP Select 624 MS (0.25 mm)

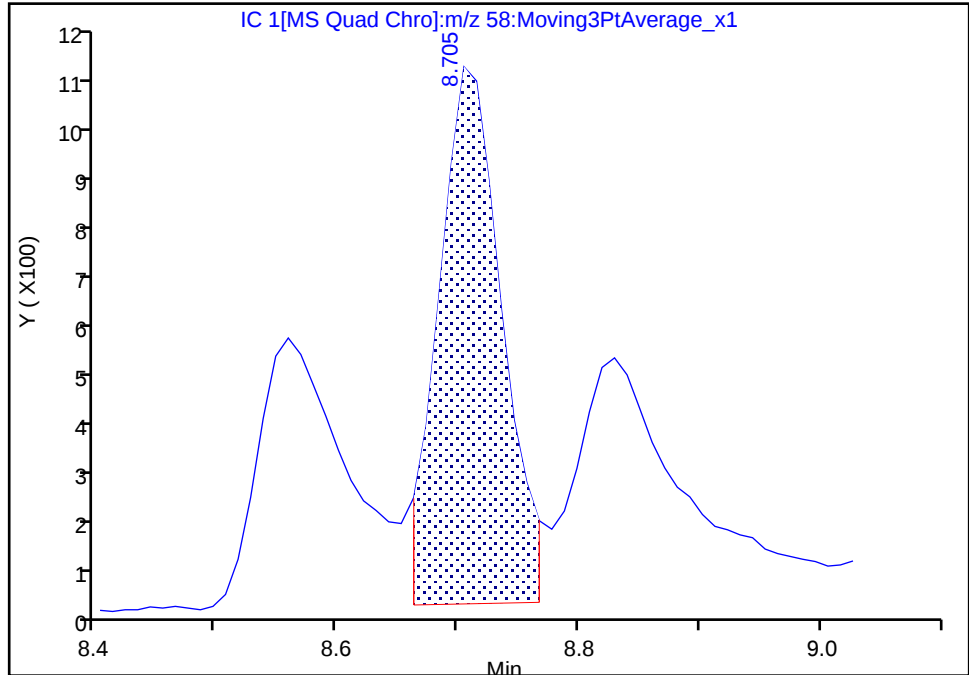
Detector: MS Quad

11 1,4-Dioxane, CAS: 123-91-1

Signal: 2

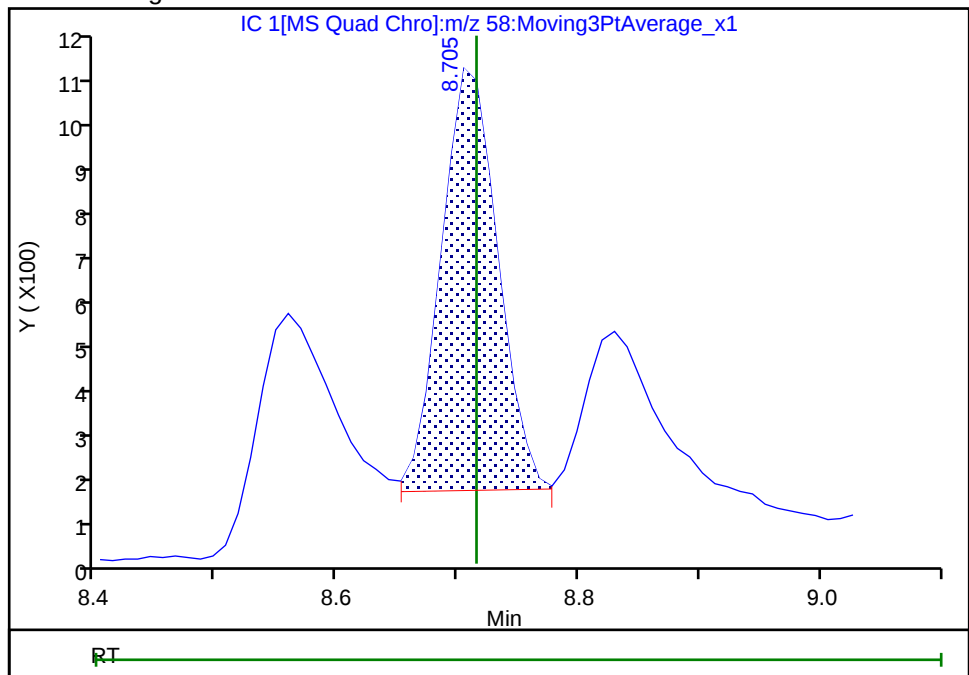
RT: 8.70
Area: 3511
Amount: 47.707274
Amount Units: ug/l

Processing Integration Results



RT: 8.70
Area: 2676
Amount: 45.832188
Amount Units: ug/l

Manual Integration Results



Reviewer: JH8B, 29-Sep-2025 08:20:10 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Baseline

Eurofins Eaton Analytical South Bend
Target Compound Quantitation Report

Data File: \\ChromFS\Southbend\ChromData\GCMS-FE\20250926-41908.b\IC 2.D
 Lims ID: IC 810-161845/9-A
 Client ID:
 Sample Type: IC Calib Level: 6
 Inject. Date: 26-Sep-2025 17:53:38 ALS Bottle#: 8 Worklist Smp#: 8
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 810-0041908-008
 Misc. Info.: IC 810-161845/9-A
 Operator ID: BC Instrument ID: GCMS-FE
 Sublist: chrom-522_GCMS-FE*sub1
 Raw Data: Smoothed
 Method: \\ChromFS\Southbend\ChromData\GCMS-FE\20250926-41908.b\522_GCMS-FE.m
 Limit Group: MSS - 522
 Last Update: 29-Sep-2025 08:31:29 Calib Date: 26-Sep-2025 19:42:21
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromFS\Southbend\ChromData\GCMS-FE\20250926-41908.b\IC100.D
 Column 1 : CP Select 624 MS (0.25 mm) Det: MS Quad
 Process Host: CTX1719

First Level Reviewer: JH8B

Date: 29-Sep-2025 08:20:26

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 5 Tetrahydrofuran-d8	46	6.480	6.487	-0.007	26	65246	500.0	500.0	
\$ 9 1,4-Dioxane-d8 (Surr)	96	8.632	8.632	0.000	95	44797	500.0	504.2	
11 1,4-Dioxane	88	8.715	8.715	0.000	82	8678	100.0	92.1	M

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Report Date: 29-Sep-2025 08:31:29

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Eaton Analytical South Bend

Data File: \\ChromFS\Southbend\ChromData\GCMS-FE\20250926-41908.b\IC 2.D

Injection Date: 26-Sep-2025 17:53:38

Instrument ID: GCMS-FE

Lims ID: IC 810-161845/9-A

Client ID:

Operator ID: BC

ALS Bottle#: 8

Worklist Smp#: 8

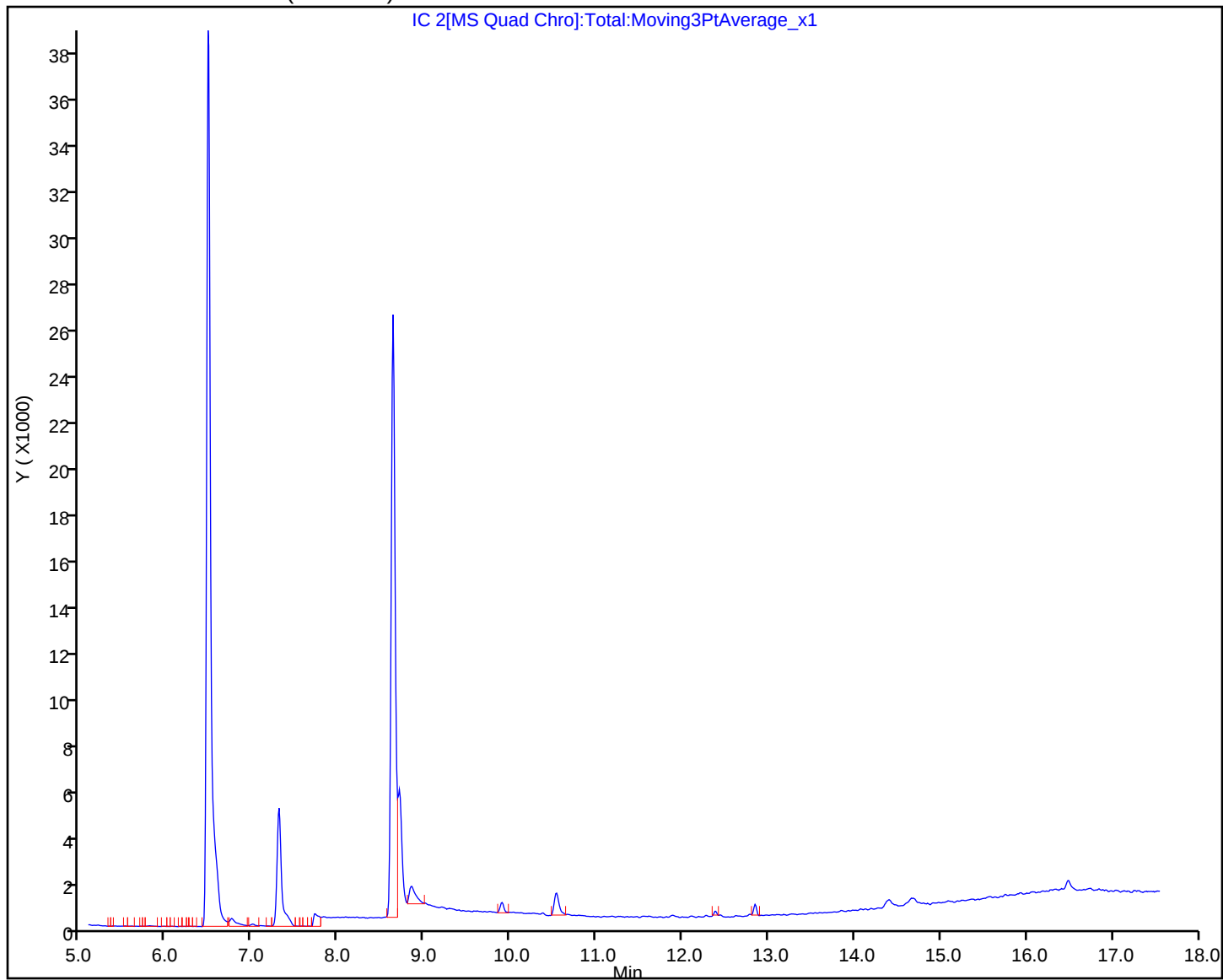
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: 522_GCMS-FE

Limit Group: MSS - 522

Column: CP Select 624 MS (0.25 mm)



Eurofins Eaton Analytical South Bend

Data File: \\ChromFS\Southbend\ChromData\GCMS-FE\20250926-41908.b\IC 2.D

Injection Date: 26-Sep-2025 17:53:38

Instrument ID: GCMS-FE

Lims ID: IC 810-161845/9-A

Client ID:

Operator ID: BC

ALS Bottle#:

8

Worklist Smp#: 8

Injection Vol: 1.0 ul

Dil. Factor:

1.0000

Method: 522_GCMS-FE

Limit Group:

MSS - 522

Column: CP Select 624 MS (0.25 mm)

Detector

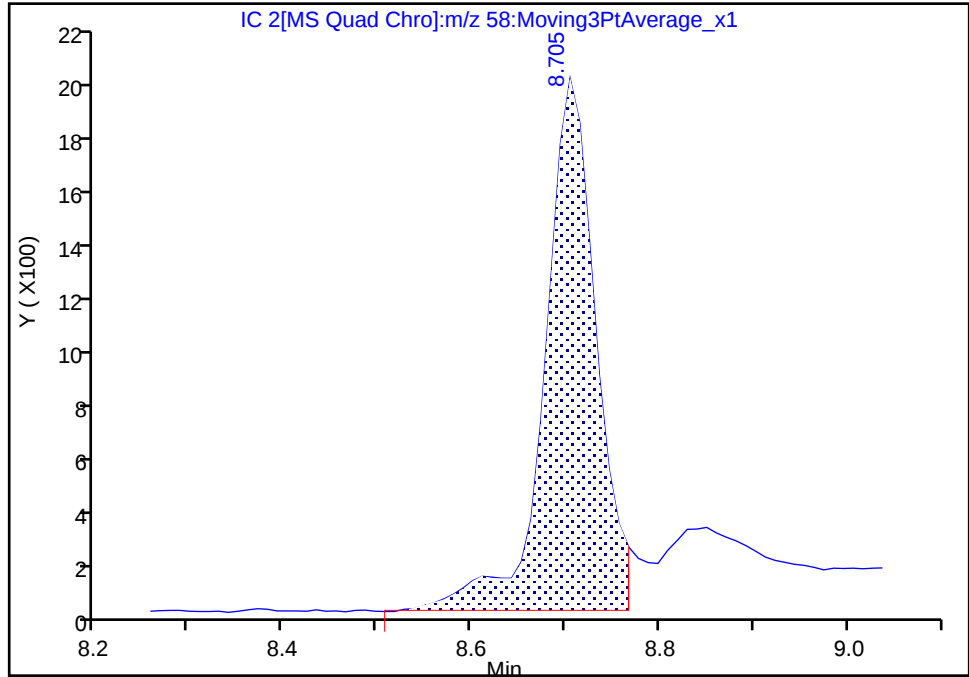
MS Quad

11 1,4-Dioxane, CAS: 123-91-1

Signal: 2

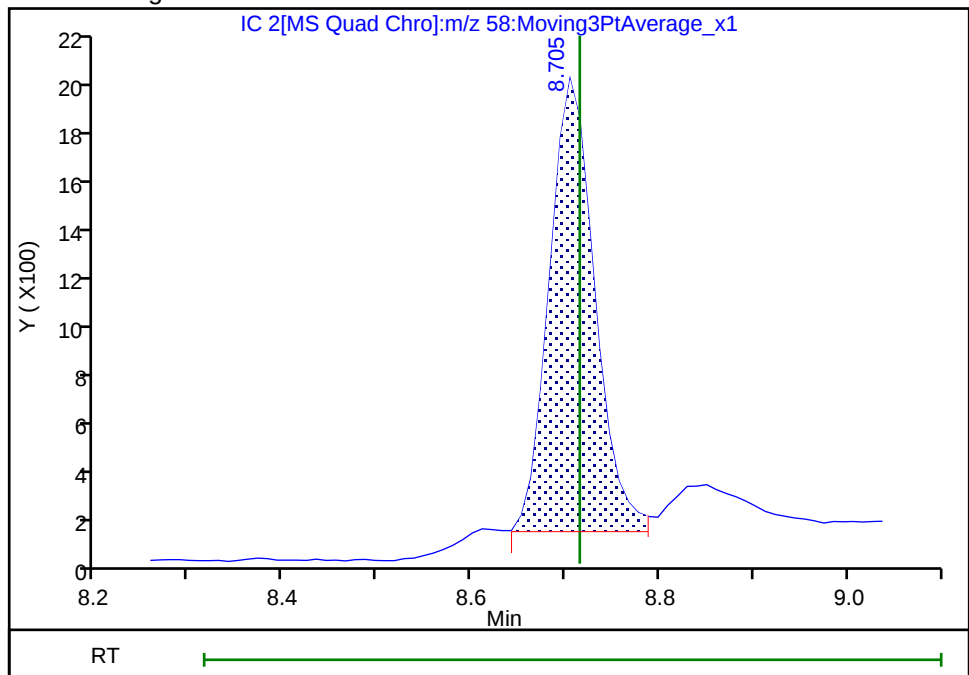
RT: 8.70
Area: 7344
Amount: 93.352416
Amount Units: ug/l

Processing Integration Results



RT: 8.70
Area: 6005
Amount: 92.128241
Amount Units: ug/l

Manual Integration Results



Reviewer: JH8B, 29-Sep-2025 08:20:24 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Baseline

Eurofins Eaton Analytical South Bend
Target Compound Quantitation Report

Data File: \\ChromFS\Southbend\ChromData\GCMS-FE\20250926-41908.b\IC 5.D
 Lims ID: ICISAV 810-161845/10-A
 Client ID:
 Sample Type: ICISAV Calib Level: 7
 Inject. Date: 26-Sep-2025 18:15:26 ALS Bottle#: 9 Worklist Smp#: 9
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 810-0041908-009
 Misc. Info.: ICISAV 810-161845/10-A
 Operator ID: BC Instrument ID: GCMS-FE
 Sublist: chrom-522_GCMS-FE*sub1
 Raw Data: Smoothed
 Method: \\ChromFS\Southbend\ChromData\GCMS-FE\20250926-41908.b\522_GCMS-FE.m
 Limit Group: MSS - 522
 Last Update: 29-Sep-2025 08:31:30 Calib Date: 26-Sep-2025 19:42:21
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromFS\Southbend\ChromData\GCMS-FE\20250926-41908.b\IC100.D
 Column 1 : CP Select 624 MS (0.25 mm) Det: MS Quad
 Process Host: CTX1719

First Level Reviewer: JH8B

Date: 29-Sep-2025 08:20:40

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 5 Tetrahydrofuran-d8	46	6.488	6.488	0.000	26	59709	500.0	500.0	
\$ 9 1,4-Dioxane-d8 (Surr)	96	8.643	8.643	0.000	97	36688	500.0	451.2	
11 1,4-Dioxane	88	8.715	8.715	0.000	84	18325	250.0	211.5	M

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Report Date: 29-Sep-2025 08:31:30

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Eaton Analytical South Bend

Data File: \\ChromFS\Southbend\ChromData\GCMS-FE\20250926-41908.b\IC 5.D

Injection Date: 26-Sep-2025 18:15:26

Instrument ID: GCMS-FE

Lims ID: ICISAV 810-161845/10-A

Client ID:

Operator ID: BC

ALS Bottle#: 9

Worklist Smp#: 9

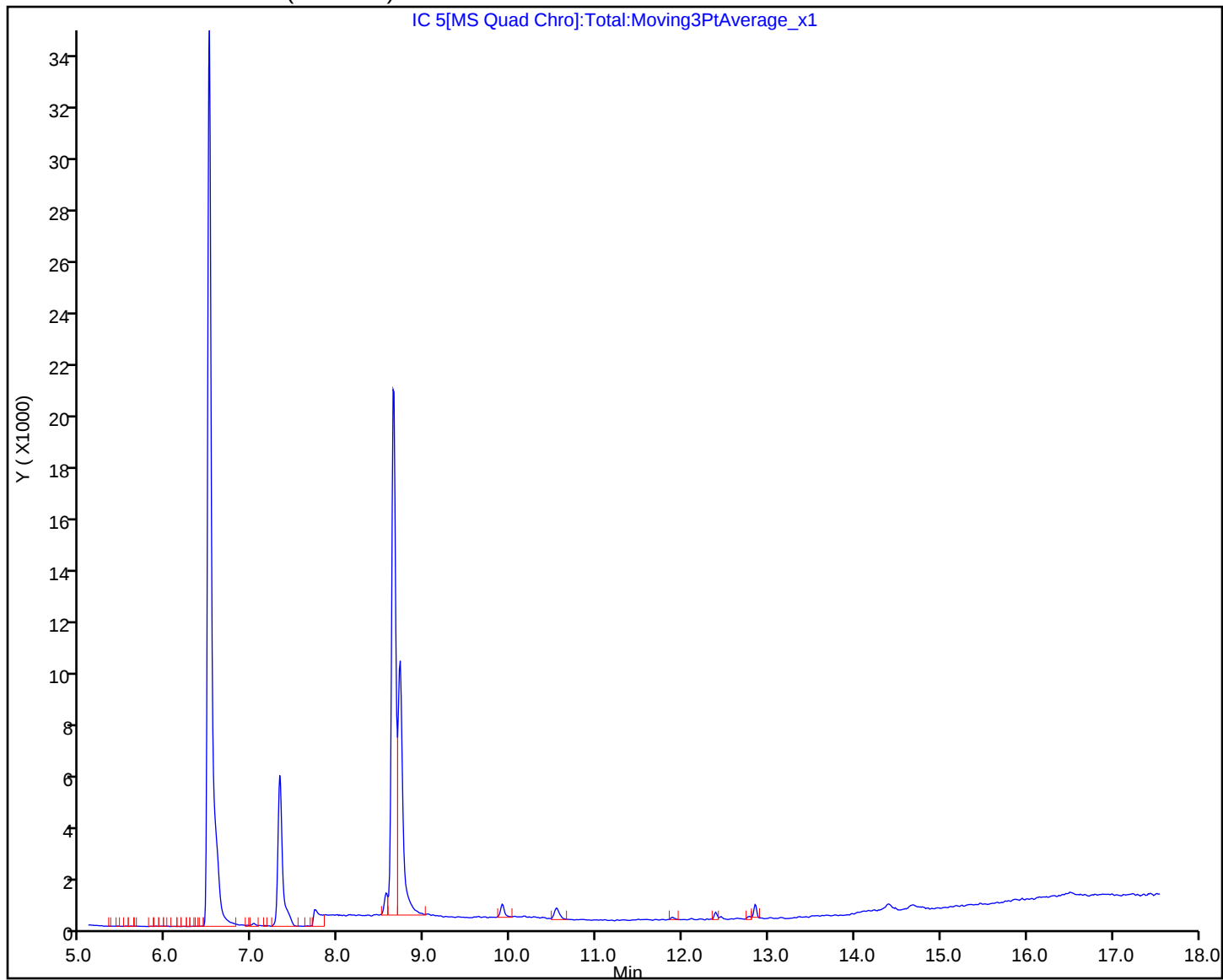
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: 522_GCMS-FE

Limit Group: MSS - 522

Column: CP Select 624 MS (0.25 mm)



Eurofins Eaton Analytical South Bend

Data File: \\ChromFS\Southbend\ChromData\GCMS-FE\20250926-41908.b\IC 5.D

Injection Date: 26-Sep-2025 18:15:26

Instrument ID: GCMS-FE

Lims ID: ICISAV 810-161845/10-A

Client ID:

Operator ID: BC

ALS Bottle#:

9

Worklist Smp#: 9

Injection Vol: 1.0 ul

Dil. Factor:

1.0000

Method: 522_GCMS-FE

Limit Group:

MSS - 522

Column: CP Select 624 MS (0.25 mm)

Detector

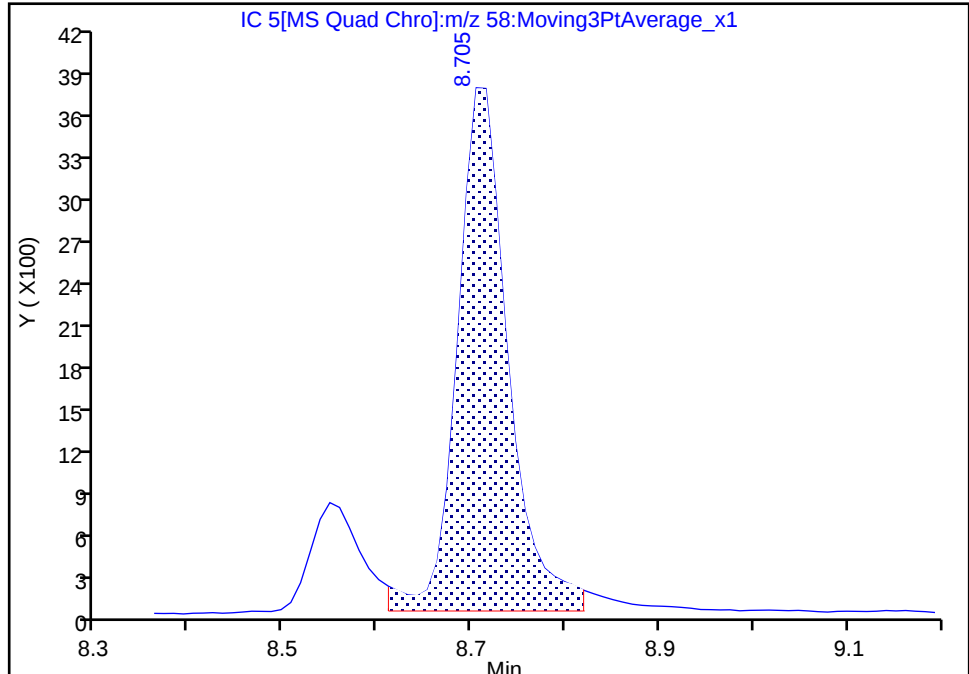
MS Quad

11 1,4-Dioxane, CAS: 123-91-1

Signal: 2

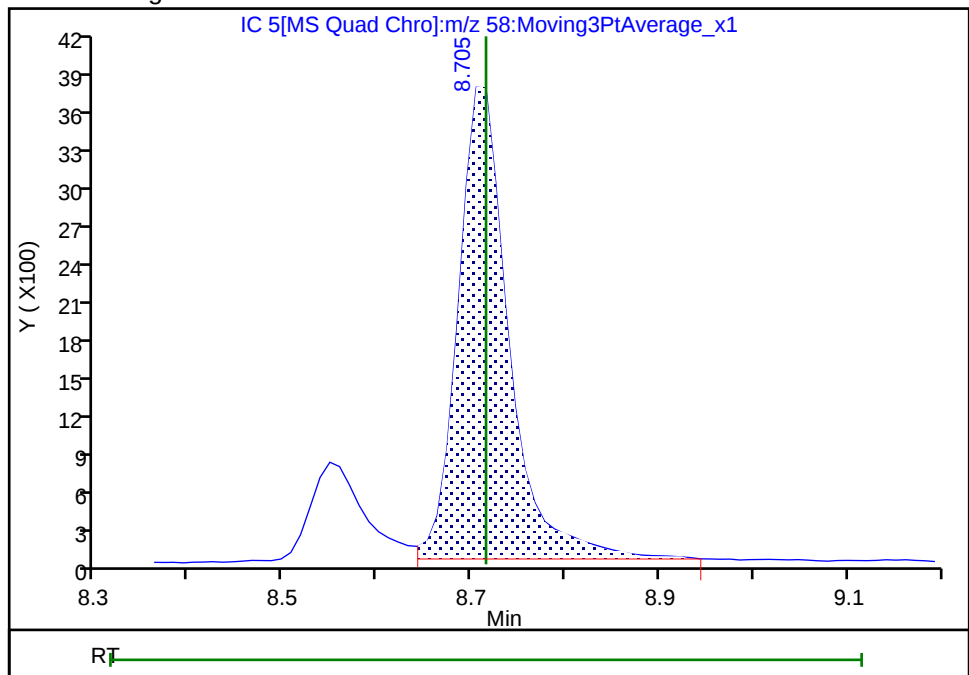
RT: 8.70
Area: 13948
Amount: 215.1448
Amount Units: ug/l

Processing Integration Results



RT: 8.70
Area: 13849
Amount: 211.4930
Amount Units: ug/l

Manual Integration Results



Reviewer: JH8B, 29-Sep-2025 08:20:38 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Baseline

Eurofins Eaton Analytical South Bend
Target Compound Quantitation Report

Data File: \\ChromFS\Southbend\ChromData\GCMS-FE\20250926-41908.b\IC 10.D
 Lims ID: IC 810-161845/11-A
 Client ID:
 Sample Type: IC Calib Level: 8
 Inject. Date: 26-Sep-2025 18:37:12 ALS Bottle#: 10 Worklist Smp#: 10
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 810-0041908-010
 Misc. Info.: IC 810-161845/11-A
 Operator ID: BC Instrument ID: GCMS-FE
 Sublist: chrom-522_GCMS-FE*sub1
 Raw Data: Smoothed
 Method: \\ChromFS\Southbend\ChromData\GCMS-FE\20250926-41908.b\522_GCMS-FE.m
 Limit Group: MSS - 522
 Last Update: 29-Sep-2025 08:31:31 Calib Date: 26-Sep-2025 19:42:21
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromFS\Southbend\ChromData\GCMS-FE\20250926-41908.b\IC100.D
 Column 1 : CP Select 624 MS (0.25 mm) Det: MS Quad
 Process Host: CTX1719

First Level Reviewer: JH8B

Date: 29-Sep-2025 08:20:56

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 5 Tetrahydrofuran-d8	46	6.488	6.488	0.000	26	63410	500.0	500.0	
\$ 9 1,4-Dioxane-d8 (Surr)	96	8.632	8.643	-0.011	95	43002	500.0	498.0	
11 1,4-Dioxane	88	8.715	8.715	0.000	83	46473	500.0	503.9	M

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Report Date: 29-Sep-2025 08:31:31

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Eaton Analytical South Bend

Data File: \\ChromFS\Southbend\ChromData\GCMS-FE\20250926-41908.b\IC 10.D

Injection Date: 26-Sep-2025 18:37:12

Instrument ID: GCMS-FE

Lims ID: IC 810-161845/11-A

Client ID:

Operator ID: BC

ALS Bottle#: 10

Worklist Smp#: 10

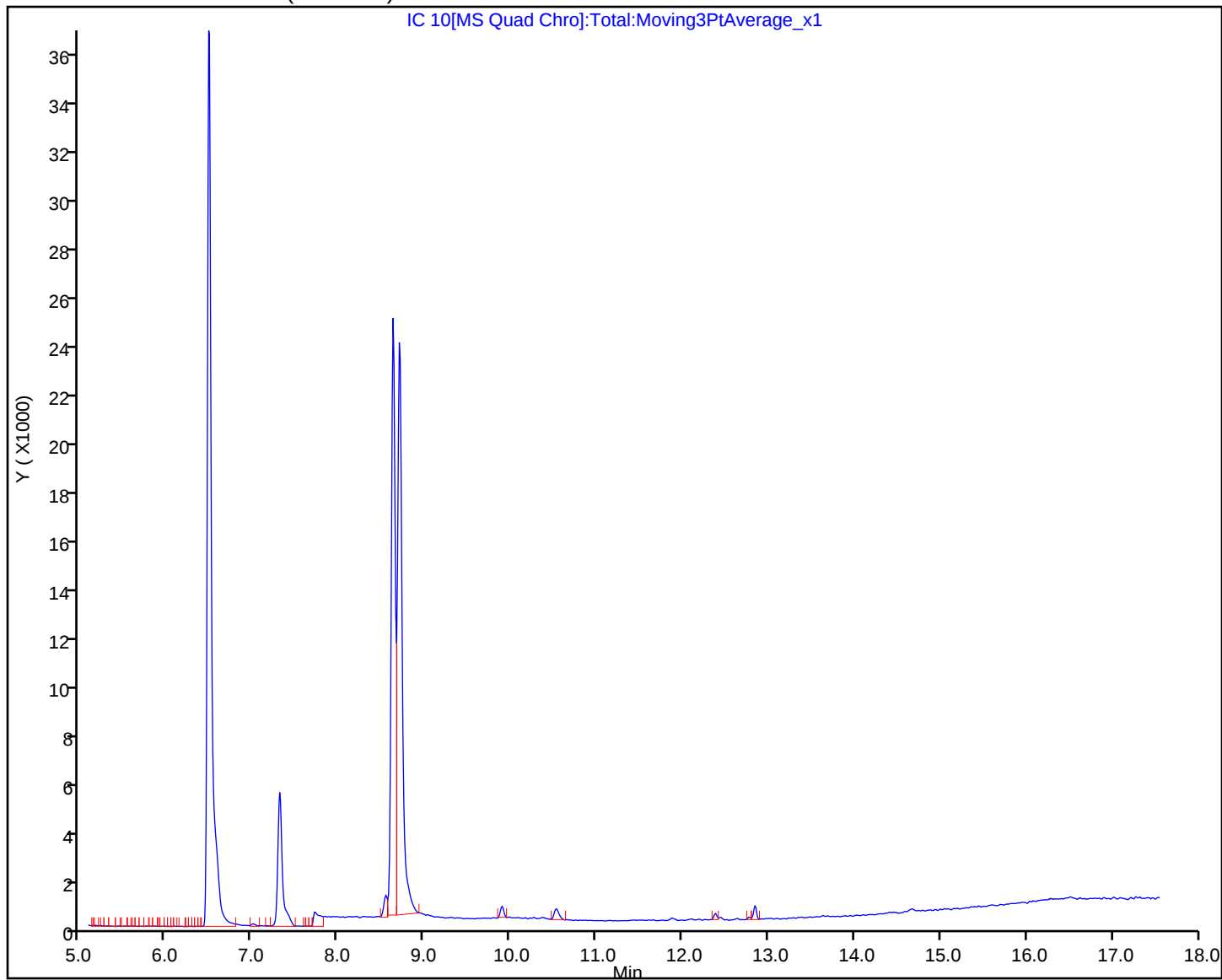
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: 522_GCMS-FE

Limit Group: MSS - 522

Column: CP Select 624 MS (0.25 mm)



Eurofins Eaton Analytical South Bend

Data File: \\ChromFS\Southbend\ChromData\GCMS-FE\20250926-41908.b\IC 10.D

Injection Date: 26-Sep-2025 18:37:12

Instrument ID: GCMS-FE

Lims ID: IC 810-161845/11-A

Client ID:

Operator ID: BC

ALS Bottle#:

10

Worklist Smp#: 10

Injection Vol: 1.0 ul

Dil. Factor:

1.0000

Method: 522_GCMS-FE

Limit Group:

MSS - 522

Column: CP Select 624 MS (0.25 mm)

Detector

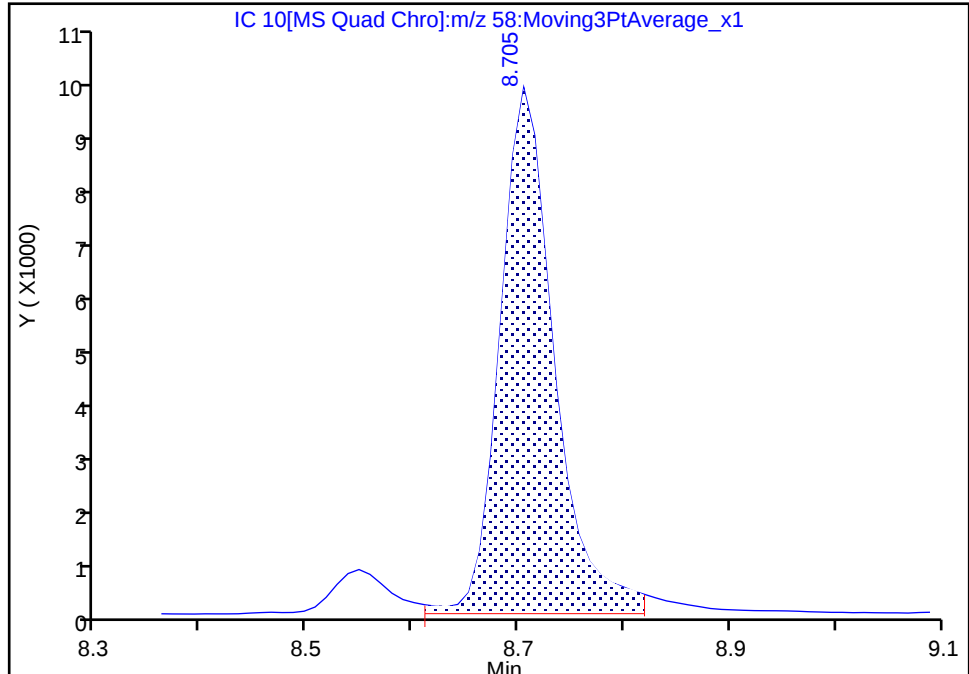
MS Quad

11 1,4-Dioxane, CAS: 123-91-1

Signal: 2

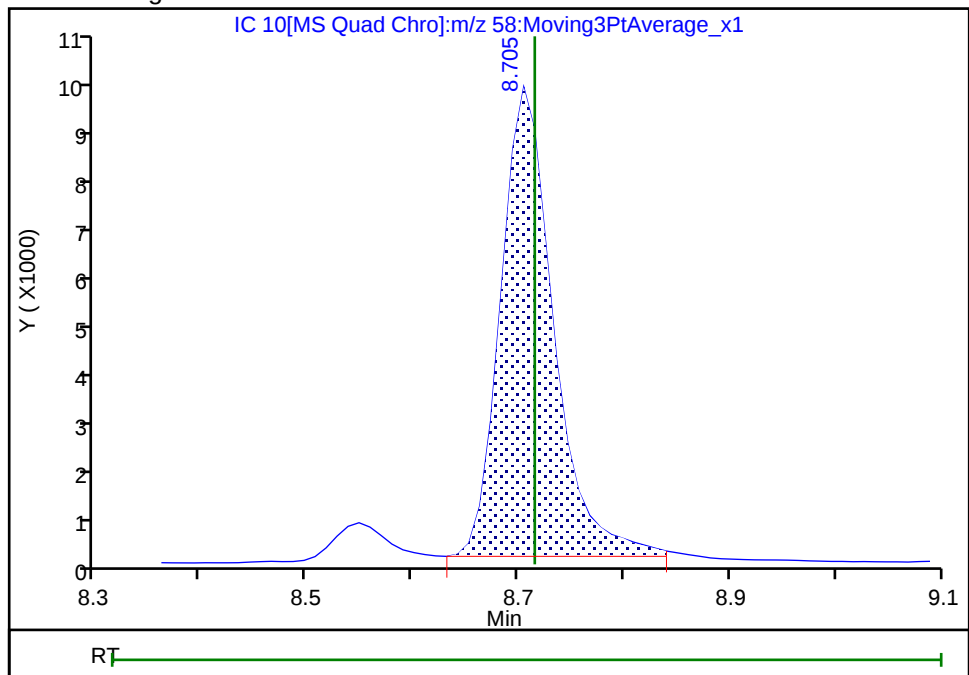
RT: 8.70
Area: 34634
Amount: 500.5470
Amount Units: ug/l

Processing Integration Results



RT: 8.70
Area: 33066
Amount: 503.8920
Amount Units: ug/l

Manual Integration Results



Reviewer: JH8B, 29-Sep-2025 08:20:48 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Baseline

Eurofins Eaton Analytical South Bend

Data File: \\ChromFS\Southbend\ChromData\GCMS-FE\20250926-41908.b\IC 10.D

Injection Date: 26-Sep-2025 18:37:12

Instrument ID: GCMS-FE

Lims ID: IC 810-161845/11-A

Client ID:

Operator ID: BC

ALS Bottle#:

10

Worklist Smp#: 10

Injection Vol: 1.0 ul

Dil. Factor:

1.0000

Method: 522_GCMS-FE

Limit Group:

MSS - 522

Column: CP Select 624 MS (0.25 mm)

Detector

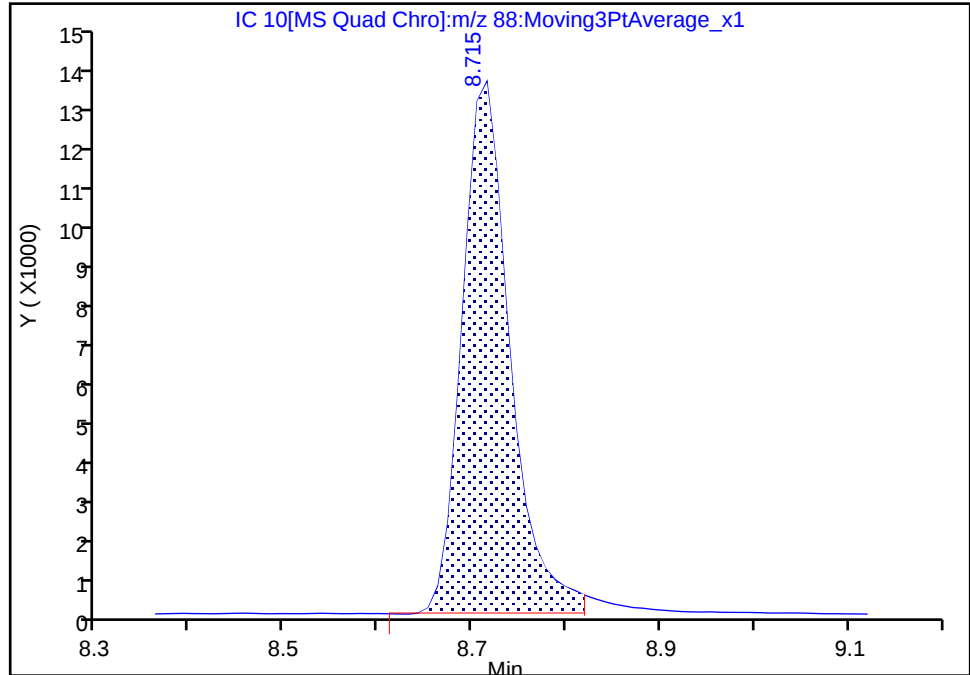
MS Quad

11 1,4-Dioxane, CAS: 123-91-1

Signal: 1

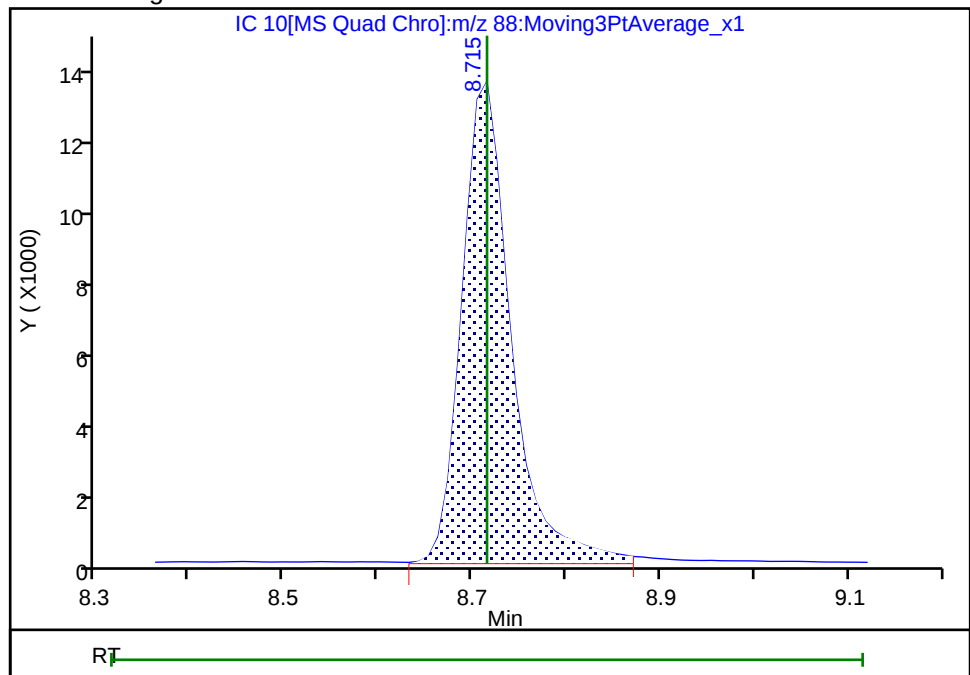
RT: 8.72
Area: 45359
Amount: 500.5470
Amount Units: ug/l

Processing Integration Results



RT: 8.72
Area: 46473
Amount: 503.8920
Amount Units: ug/l

Manual Integration Results



Reviewer: JH8B, 29-Sep-2025 08:20:54 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Baseline

Eurofins Eaton Analytical South Bend
Target Compound Quantitation Report

Data File: \\ChromFS\Southbend\ChromData\GCMS-FE\20250926-41908.b\IC 20.D
 Lims ID: IC 810-161845/12-A
 Client ID:
 Sample Type: IC Calib Level: 9
 Inject. Date: 26-Sep-2025 18:58:56 ALS Bottle#: 11 Worklist Smp#: 11
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 810-0041908-011
 Misc. Info.: IC 810-161845/12-A
 Operator ID: BC Instrument ID: GCMS-FE
 Sublist: chrom-522_GCMS-FE*sub1
 Raw Data: Smoothed
 Method: \\ChromFS\Southbend\ChromData\GCMS-FE\20250926-41908.b\522_GCMS-FE.m
 Limit Group: MSS - 522
 Last Update: 29-Sep-2025 08:31:32 Calib Date: 26-Sep-2025 19:42:21
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromFS\Southbend\ChromData\GCMS-FE\20250926-41908.b\IC100.D
 Column 1 : CP Select 624 MS (0.25 mm) Det: MS Quad
 Process Host: CTX1719

First Level Reviewer: JH8B

Date: 29-Sep-2025 08:21:08

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 5 Tetrahydrofuran-d8	46	6.488	6.488	0.000	26	63837	500.0	500.0	
\$ 9 1,4-Dioxane-d8 (Surr)	96	8.632	8.643	-0.011	95	42853	500.0	493.0	
11 1,4-Dioxane	88	8.705	8.715	-0.010	84	89379	1000.0	961.9	M

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Eurofins Eaton Analytical South Bend

Data File: \\ChromFS\Southbend\ChromData\GCMS-FE\20250926-41908.b\IC 20.D

Injection Date: 26-Sep-2025 18:58:56

Instrument ID: GCMS-FE

Lims ID: IC 810-161845/12-A

Client ID:

Operator ID: BC

ALS Bottle#: 11

Worklist Smp#: 11

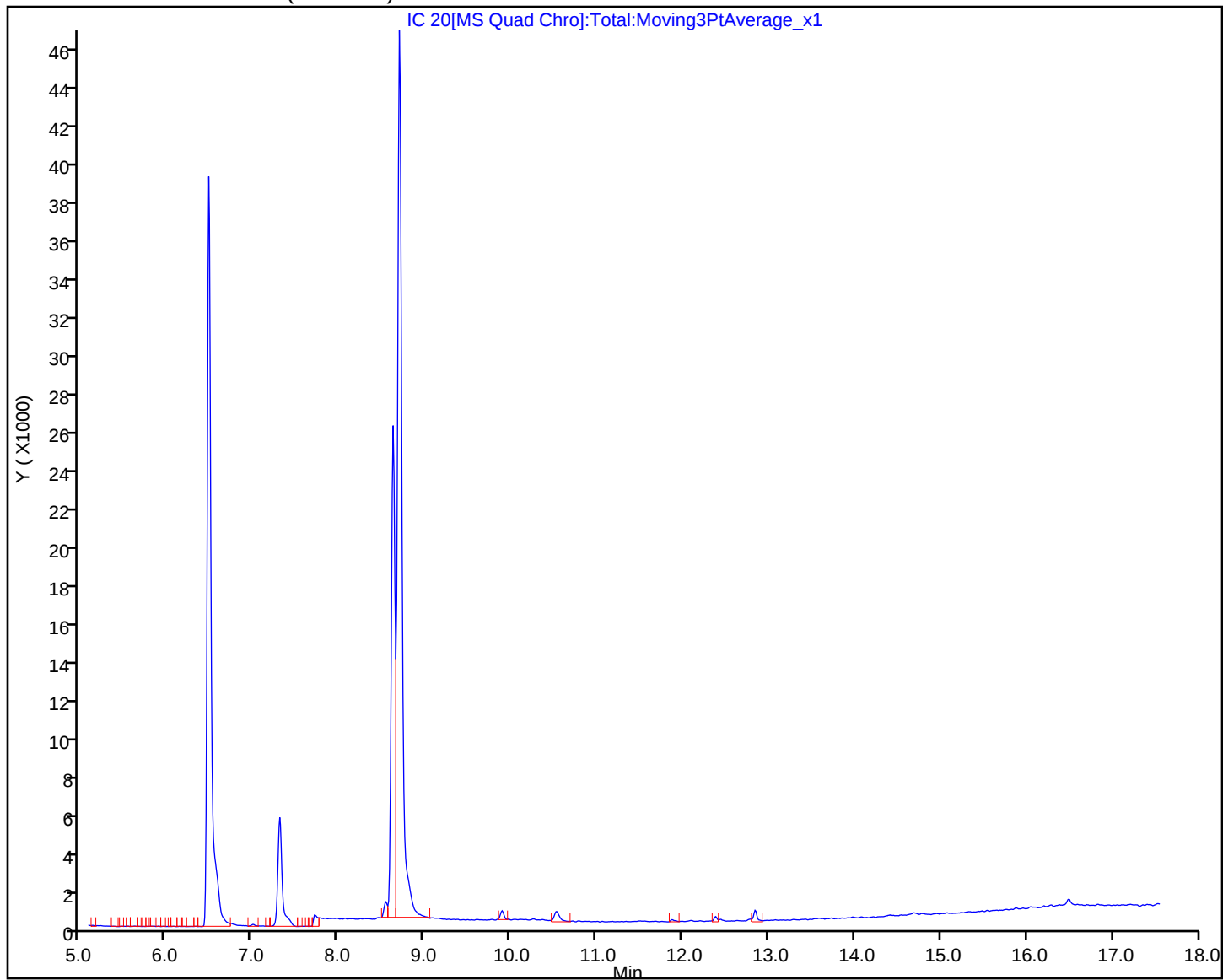
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: 522_GCMS-FE

Limit Group: MSS - 522

Column: CP Select 624 MS (0.25 mm)



Eurofins Eaton Analytical South Bend

Data File: \\ChromFS\Southbend\ChromData\GCMS-FE\20250926-41908.b\IC 20.D

Injection Date: 26-Sep-2025 18:58:56

Instrument ID: GCMS-FE

Lims ID: IC 810-161845/12-A

Client ID:

Operator ID: BC

ALS Bottle#:

11

Worklist Smp#: 11

Injection Vol: 1.0 ul

Dil. Factor:

1.0000

Method: 522_GCMS-FE

Limit Group:

MSS - 522

Column: CP Select 624 MS (0.25 mm)

Detector

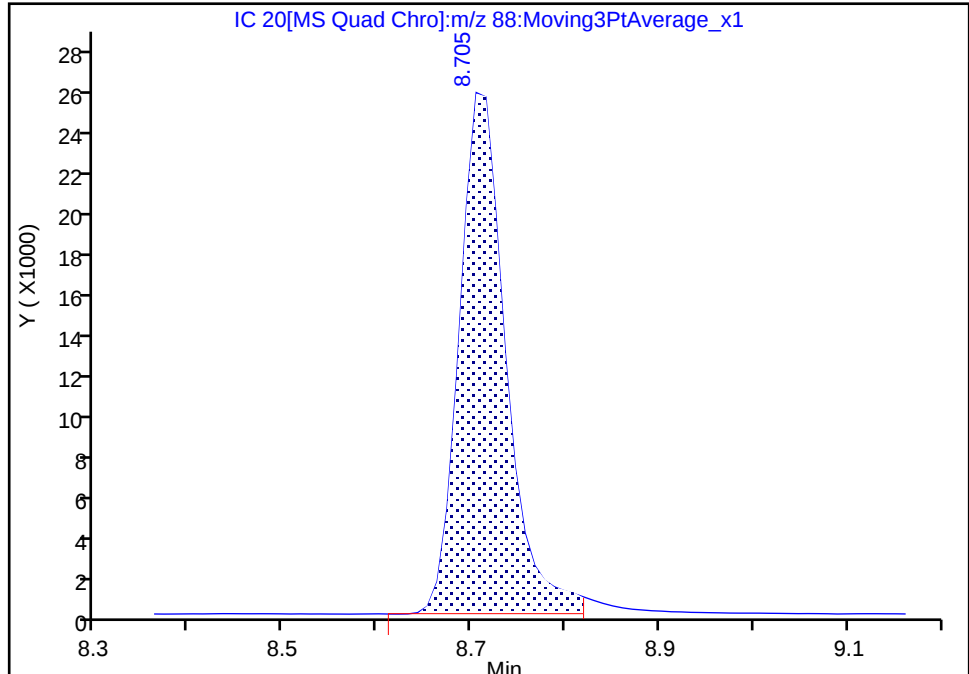
MS Quad

11 1,4-Dioxane, CAS: 123-91-1

Signal: 1

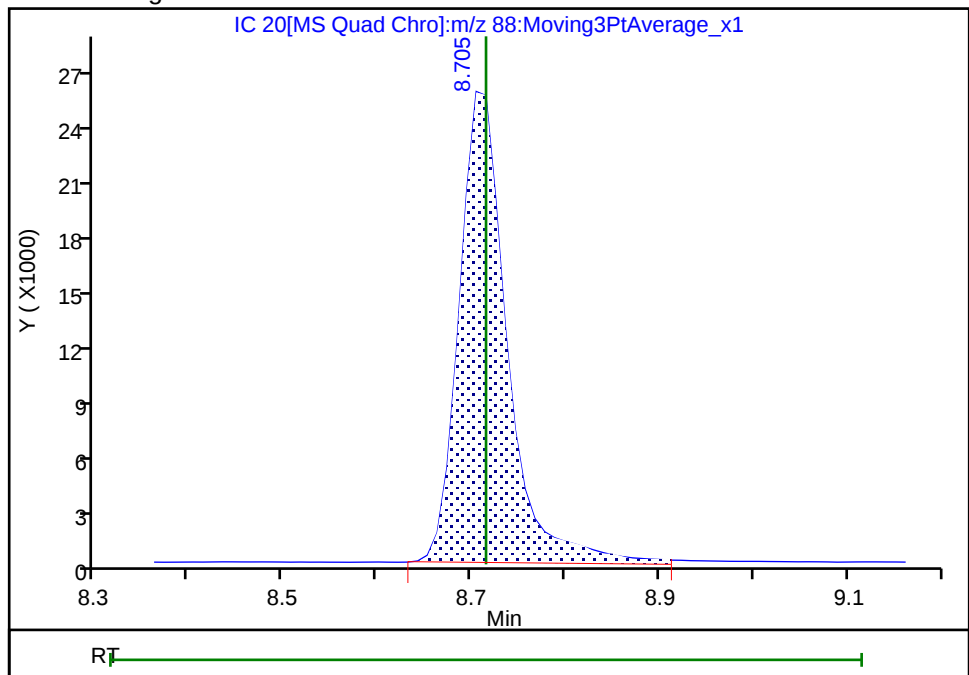
RT: 8.70
Area: 86908
Amount: 950.7839
Amount Units: ug/l

Processing Integration Results



RT: 8.70
Area: 89379
Amount: 961.8661
Amount Units: ug/l

Manual Integration Results



Reviewer: JH8B, 29-Sep-2025 08:21:06 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Baseline

Eurofins Eaton Analytical South Bend
Target Compound Quantitation Report

Data File: \\ChromFS\Southbend\ChromData\GCMS-FE\20250926-41908.b\IC 50.D
 Lims ID: IC 810-161845/13-A
 Client ID:
 Sample Type: IC Calib Level: 10
 Inject. Date: 26-Sep-2025 19:20:40 ALS Bottle#: 12 Worklist Smp#: 12
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 810-0041908-012
 Misc. Info.: IC 810-161845/13-A
 Operator ID: BC Instrument ID: GCMS-FE
 Sublist: chrom-522_GCMS-FE*sub1
 Raw Data: Smoothed
 Method: \\ChromFS\Southbend\ChromData\GCMS-FE\20250926-41908.b\522_GCMS-FE.m
 Limit Group: MSS - 522
 Last Update: 29-Sep-2025 08:31:32 Calib Date: 26-Sep-2025 19:42:21
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromFS\Southbend\ChromData\GCMS-FE\20250926-41908.b\IC100.D
 Column 1 : CP Select 624 MS (0.25 mm) Det: MS Quad
 Process Host: CTX1719

First Level Reviewer: JH8B

Date: 29-Sep-2025 08:21:18

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 5 Tetrahydrofuran-d8	46	6.487	6.488	-0.001	26	61830	500.0	500.0	
\$ 9 1,4-Dioxane-d8 (Surr)	96	8.632	8.643	-0.011	95	44268	500.0	525.8	
11 1,4-Dioxane	88	8.704	8.715	-0.011	84	230988	2500.0	2565.1	M

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Report Date: 29-Sep-2025 08:31:32

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Eaton Analytical South Bend

Data File: \\ChromFS\Southbend\ChromData\GCMS-FE\20250926-41908.b\IC 50.D

Injection Date: 26-Sep-2025 19:20:40

Instrument ID: GCMS-FE

Lims ID: IC 810-161845/13-A

Client ID:

Operator ID: BC

ALS Bottle#: 12

Worklist Smp#: 12

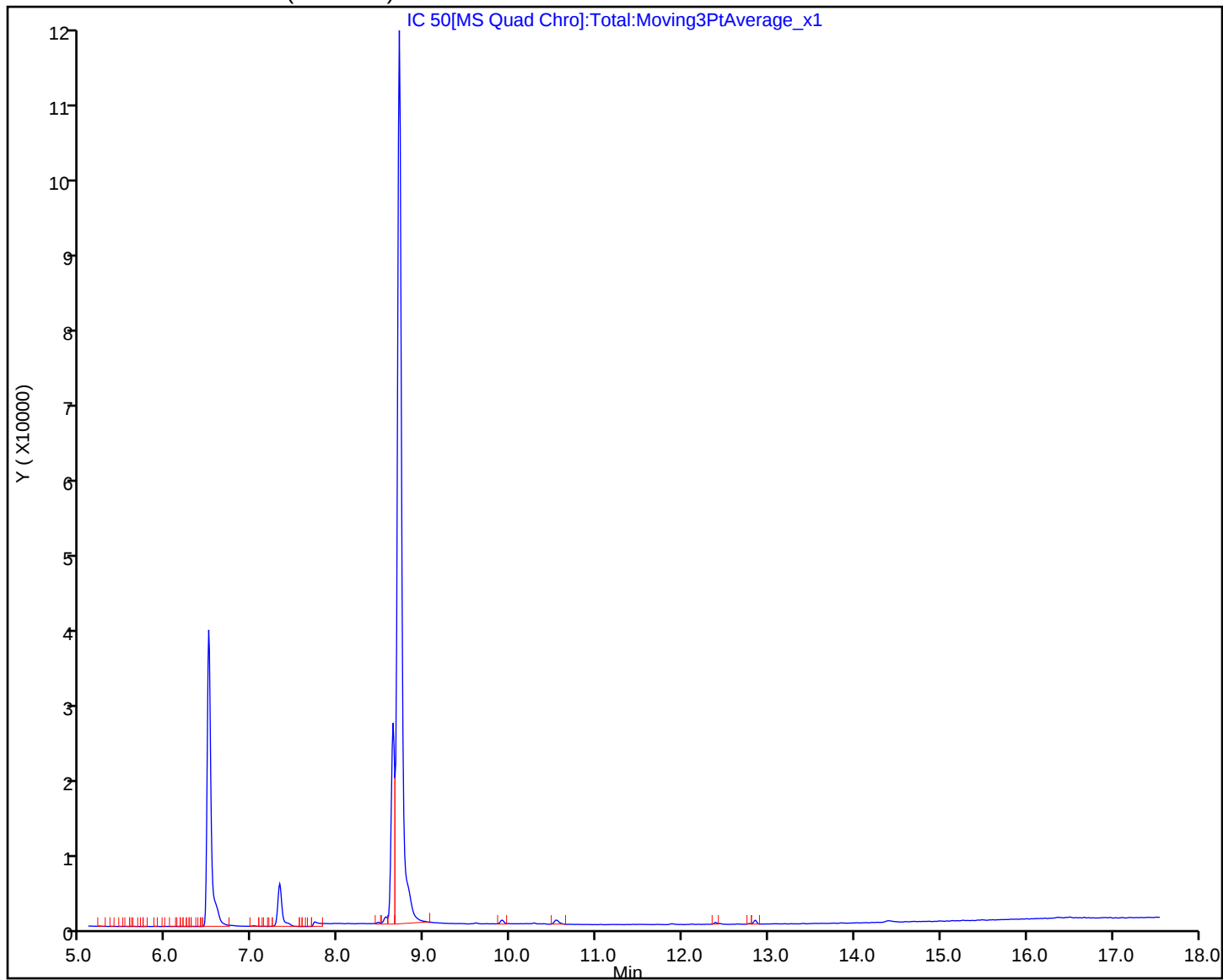
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: 522_GCMS-FE

Limit Group: MSS - 522

Column: CP Select 624 MS (0.25 mm)



Eurofins Eaton Analytical South Bend

Data File: \\ChromFS\Southbend\ChromData\GCMS-FE\20250926-41908.b\IC 50.D

Injection Date: 26-Sep-2025 19:20:40

Instrument ID: GCMS-FE

Lims ID: IC 810-161845/13-A

Client ID:

Operator ID: BC

ALS Bottle#:

12

Worklist Smp#: 12

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: 522_GCMS-FE

Limit Group: MSS - 522

Column: CP Select 624 MS (0.25 mm)

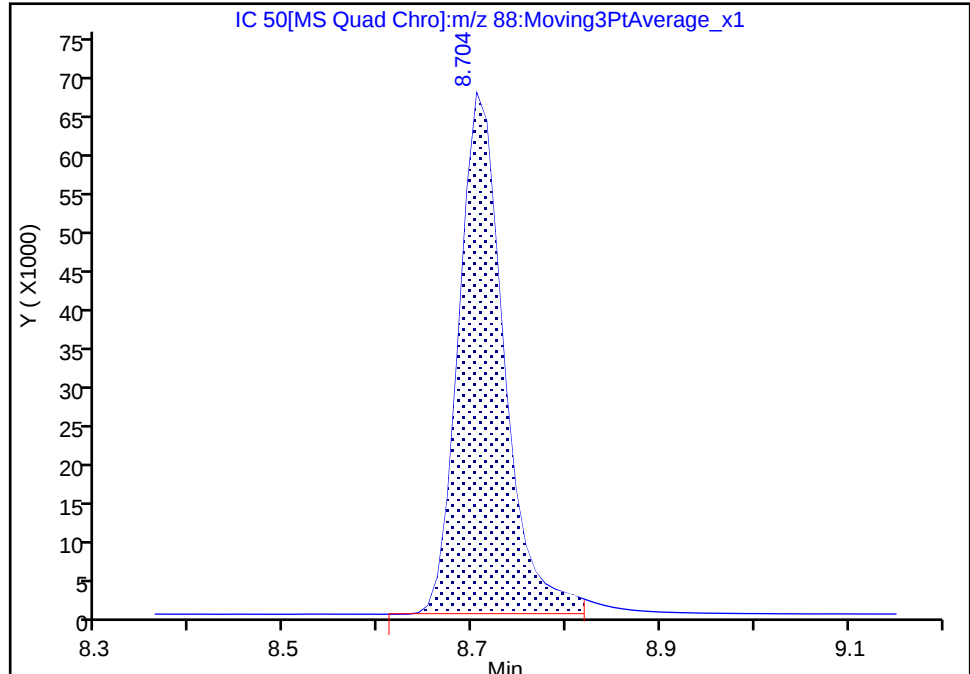
Detector: MS Quad

11 1,4-Dioxane, CAS: 123-91-1

Signal: 1

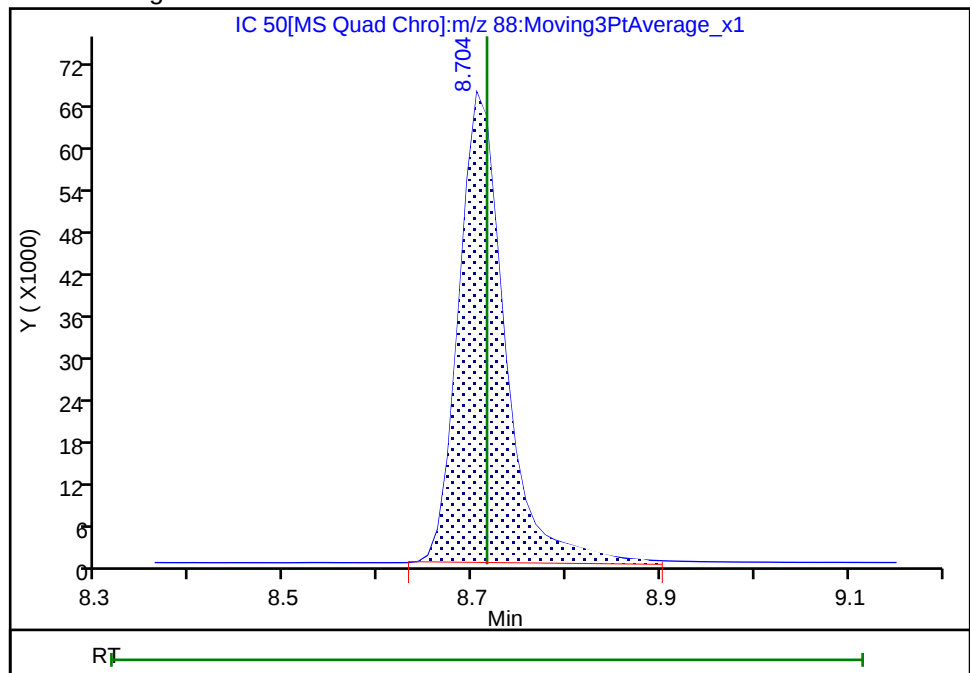
RT: 8.70
Area: 226396
Amount: 2548.7663
Amount Units: ug/l

Processing Integration Results



RT: 8.70
Area: 230988
Amount: 2565.1105
Amount Units: ug/l

Manual Integration Results



Reviewer: JH8B, 29-Sep-2025 08:21:16 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Baseline

Eurofins Eaton Analytical South Bend
Target Compound Quantitation Report

Data File: \\ChromFS\Southbend\ChromData\GCMS-FE\20250926-41908.b\IC100.D
 Lims ID: IC 810-161845/14-A
 Client ID:
 Sample Type: IC Calib Level: 11
 Inject. Date: 26-Sep-2025 19:42:21 ALS Bottle#: 13 Worklist Smp#: 13
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 810-0041908-013
 Misc. Info.: IC 810-161845/14-A
 Operator ID: BC Instrument ID: GCMS-FE
 Sublist: chrom-522_GCMS-FE*sub1
 Raw Data: Smoothed
 Method: \\ChromFS\Southbend\ChromData\GCMS-FE\20250926-41908.b\522_GCMS-FE.m
 Limit Group: MSS - 522
 Last Update: 29-Sep-2025 08:31:33 Calib Date: 26-Sep-2025 19:42:21
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromFS\Southbend\ChromData\GCMS-FE\20250926-41908.b\IC100.D
 Column 1 : CP Select 624 MS (0.25 mm) Det: MS Quad
 Process Host: CTX1719

First Level Reviewer: JH8B

Date: 29-Sep-2025 08:21:32

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 5 Tetrahydrofuran-d8	46	6.488	6.488	0.000	26	66301	500.0	500.0	
\$ 9 1,4-Dioxane-d8 (Surr)	96	8.632	8.643	-0.011	95	44212	500.0	489.7	
11 1,4-Dioxane	88	8.705	8.715	-0.010	84	484858	5000.0	5020.4	M

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Report Date: 29-Sep-2025 08:31:33

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Eaton Analytical South Bend

Data File: \\ChromFS\Southbend\ChromData\GCMS-FE\20250926-41908.b\IC100.D

Injection Date: 26-Sep-2025 19:42:21

Instrument ID: GCMS-FE

Lims ID: IC 810-161845/14-A

Client ID:

Operator ID: BC

ALS Bottle#: 13

Worklist Smp#: 13

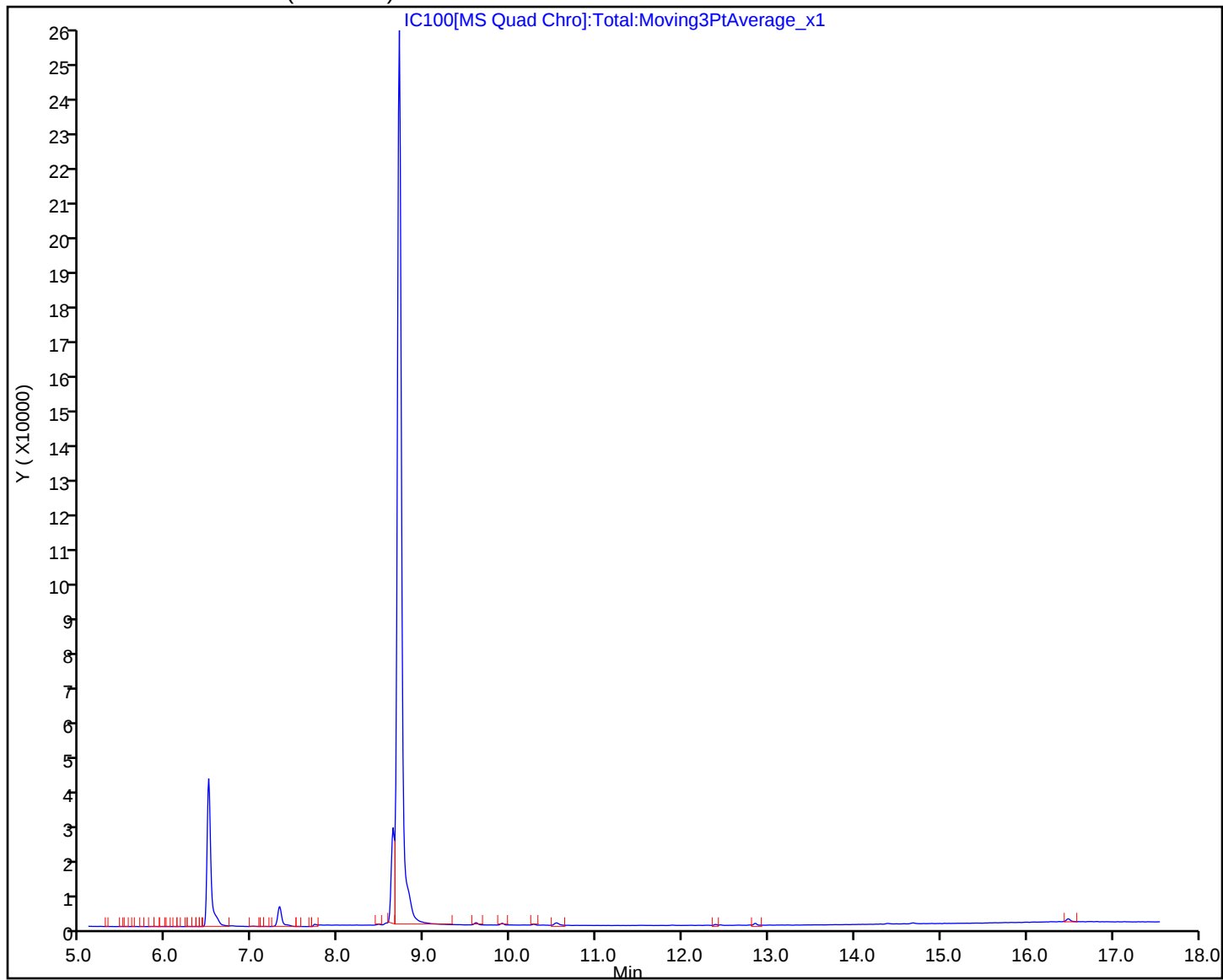
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: 522_GCMS-FE

Limit Group: MSS - 522

Column: CP Select 624 MS (0.25 mm)



Eurofins Eaton Analytical South Bend

Data File: \\ChromFS\Southbend\ChromData\GCMS-FE\20250926-41908.b\IC100.D

Injection Date: 26-Sep-2025 19:42:21

Instrument ID: GCMS-FE

Lims ID: IC 810-161845/14-A

Client ID:

Operator ID: BC

ALS Bottle#:

13

Worklist Smp#:

13

Injection Vol: 1.0 ul

Dil. Factor:

1.0000

Method: 522_GCMS-FE

Limit Group:

MSS - 522

Column: CP Select 624 MS (0.25 mm)

Detector

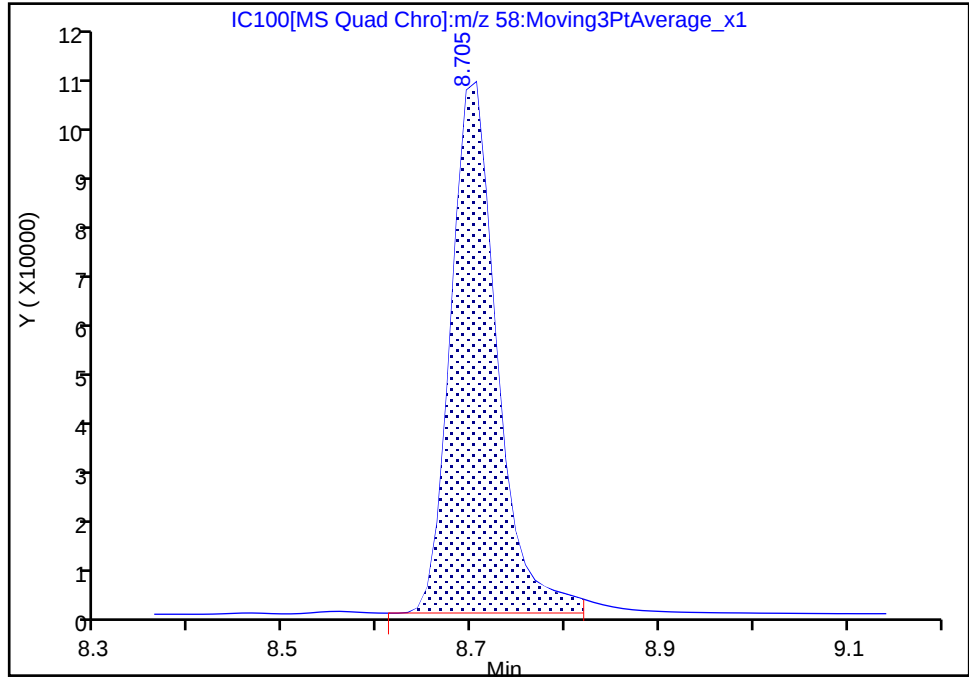
MS Quad

11 1,4-Dioxane, CAS: 123-91-1

Signal: 2

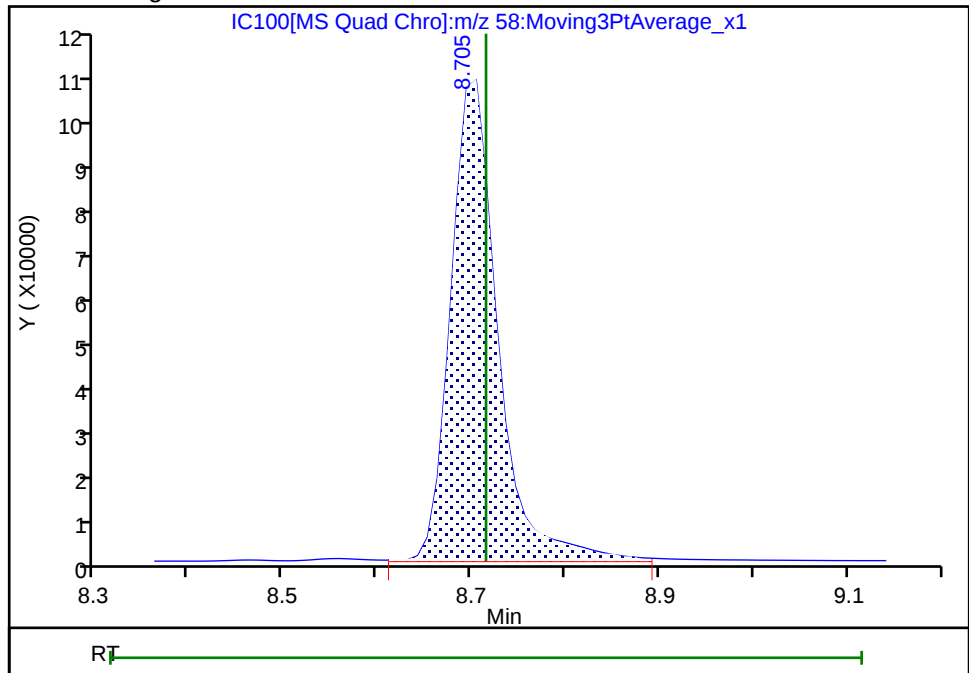
RT: 8.70
Area: 361663
Amount: 4985.0568
Amount Units: ug/l

Processing Integration Results



RT: 8.70
Area: 364541
Amount: 5020.4341
Amount Units: ug/l

Manual Integration Results



Reviewer: JH8B, 29-Sep-2025 08:21:31 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Baseline

Calibration

/ 1,4-Dioxane-d8 (Surr)

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

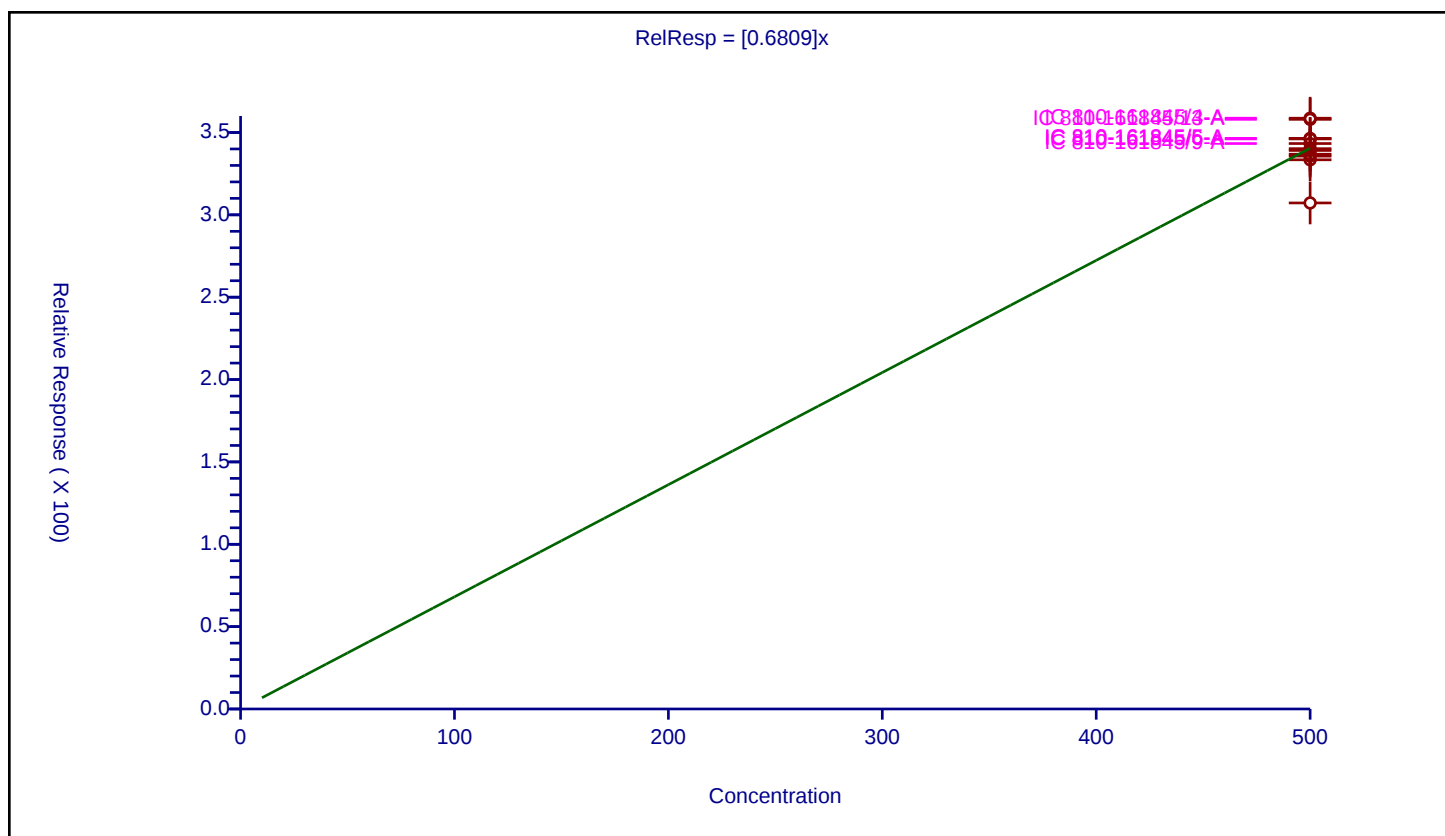
Curve Coefficients

Intercept: 0
Slope: 0.6809

Error Coefficients

Relative Standard Deviation: 4.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 810-161845/4-A	500.0	358.677864	500.0	60493.0	0.717356	Y
2	IC 810-161845/5-A	500.0	346.433906	500.0	64272.0	0.692868	Y
3	IC 810-161845/6-A	500.0	346.090662	500.0	61481.0	0.692181	Y
4	IC 810-161845/7-A	500.0	340.187682	500.0	67135.0	0.680375	Y
5	IC 810-161845/8-A	500.0	336.815838	500.0	66523.0	0.673632	Y
6	IC 810-161845/9-A	500.0	343.293075	500.0	65246.0	0.686586	Y
7	ICISAV 810-161845/10-A	500.0	307.223367	500.0	59709.0	0.614447	Y
8	IC 810-161845/11-A	500.0	339.07901	500.0	63410.0	0.678158	Y
9	IC 810-161845/12-A	500.0	335.643906	500.0	63837.0	0.671288	Y
10	IC 810-161845/13-A	500.0	357.981562	500.0	61830.0	0.715963	Y
11	IC 810-161845/14-A	500.0	333.418802	500.0	66301.0	0.666838	Y



Calibration

/ 1,4-Dioxane

Curve Type: Linear
Weighting: Conc
Origin: None
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

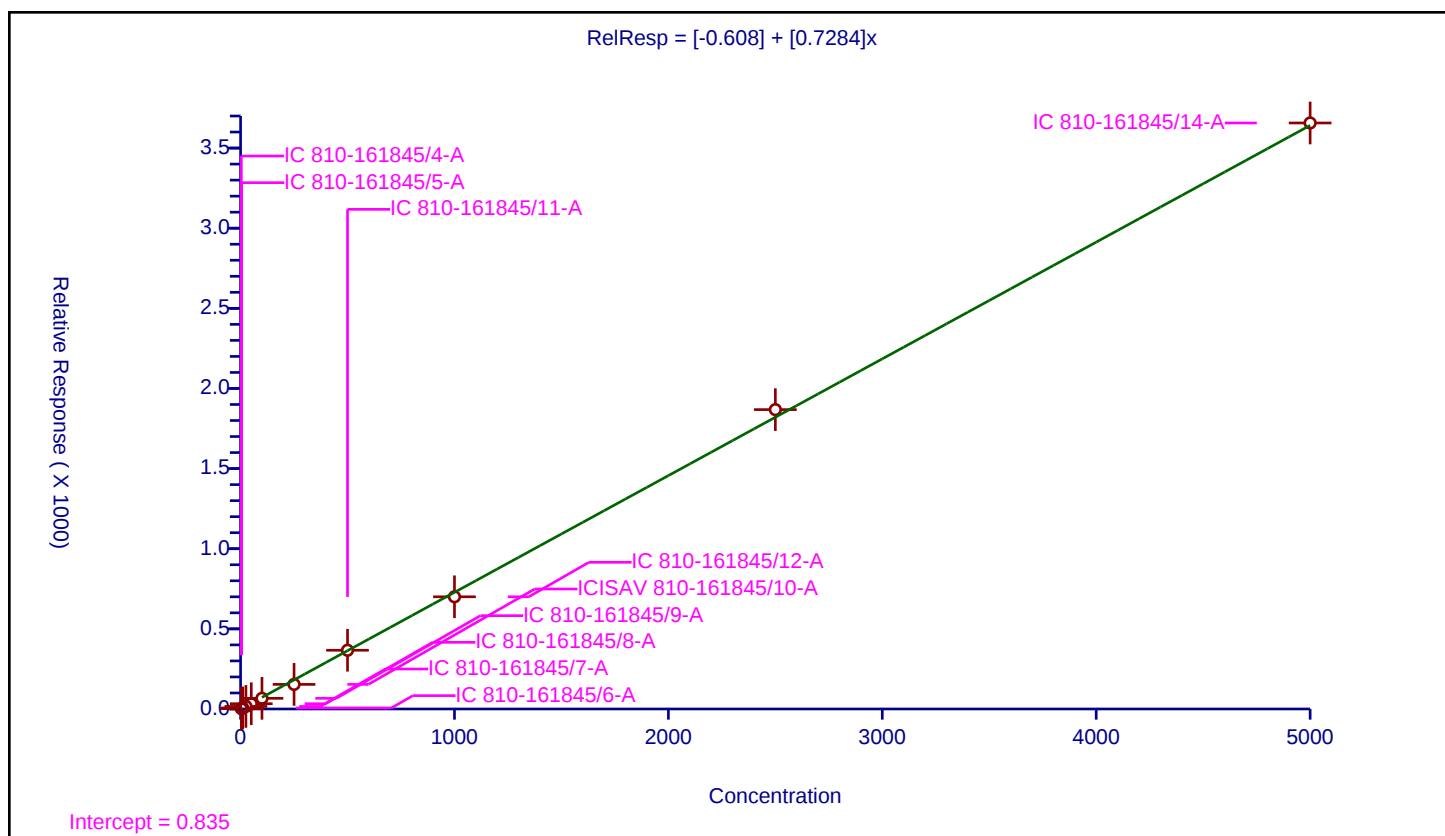
Curve Coefficients

Intercept: -0.608
Slope: 0.7284

Error Coefficients

Relative Standard Deviation: 12.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 810-161845/4-A	3.5	2.644934	500.0	60493.0	0.755695	Y
2	IC 810-161845/5-A	5.0	3.60188	500.0	64272.0	0.720376	Y
3	IC 810-161845/6-A	10.0	6.48981	500.0	61481.0	0.648981	Y
4	IC 810-161845/7-A	25.0	15.967826	500.0	67135.0	0.638713	Y
5	IC 810-161845/8-A	50.0	32.778137	500.0	66523.0	0.655563	Y
6	IC 810-161845/9-A	100.0	66.502161	500.0	65246.0	0.665022	Y
7	ICISAV 810-161845/10-A	250.0	153.452578	500.0	59709.0	0.61381	Y
8	IC 810-161845/11-A	500.0	366.44851	500.0	63410.0	0.732897	Y
9	IC 810-161845/12-A	1000.0	700.056394	500.0	63837.0	0.700056	Y
10	IC 810-161845/13-A	2500.0	1867.92819	500.0	61830.0	0.747171	Y
11	IC 810-161845/14-A	5000.0	3656.490852	500.0	66301.0	0.731298	Y



FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Eaton Analytical South Bend Job No.: 810-164749-1
SDG No.: _____
Lab Sample ID: ICV 810-159612/15-A Calibration Date: 09/11/2025 15:44
Instrument ID: GCMS-DM Calib Start Date: 09/11/2025 10:45
GC Column: CPSelect 624 MS ID: 0.25 (mm) Calib End Date: 09/11/2025 14:54
Lab File ID: ICV.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%REC	%REC LIMITS
1,4-Dioxane	Lin1		0.8459		266	250	107	80-120
1,4-Dioxane-d8 (Surr)	Ave	0.7344	0.7219		492	500	98	70-130

Eurofins Eaton Analytical South Bend
Target Compound Quantitation Report

Data File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250910-41284.b\ICV.D
 Lims ID: ICV 810-159612/15-A
 Client ID:
 Sample Type: ICV
 Inject. Date: 11-Sep-2025 15:44:29 ALS Bottle#: 14 Worklist Smp#: 14
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 810-0041284-014
 Misc. Info.: ICV 810-159612/15-A
 Operator ID: TD Instrument ID: GCMS-DM
 Sublist:
 Raw Data: Smoothed
 Method: \\ChromFS\Southbend\ChromData\GCMS-DM\20250910-41284.b\522_GCMS-DM.m
 Limit Group: MSS - 522
 Last Update: 15-Sep-2025 06:24:57 Calib Date: 11-Sep-2025 14:54:49
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250910-41284.b\100.D
 Column 1 : CP Select 624 MS (0.25 mm) Det: MS Quad
 Process Host: CTX1722

First Level Reviewer: JH8B

Date: 12-Sep-2025 09:37:18

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 5 Tetrahydrofuran-d8	46	5.870	5.862	0.008	25	101856	500.0	500.0	
\$ 9 1,4-Dioxane-d8 (Surr)	96	7.962	7.952	0.010	0	73532	500.0	491.5	
11 1,4-Dioxane	88	8.035	8.035	0.000	84	43081	250.0	266.4	M
10 BFB									

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

O-522BFBSUB_00027

Amount Added: 1.00

Units: mL

Run Reagent

Report Date: 16-Sep-2025 09:31:04

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Eaton Analytical South Bend

Data File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250910-41284.b\ICV.D

Injection Date: 11-Sep-2025 15:44:29

Instrument ID: GCMS-DM

Lims ID: ICV 810-159612/15-A

Client ID:

Operator ID: TD

ALS Bottle#: 14

Worklist Smp#: 14

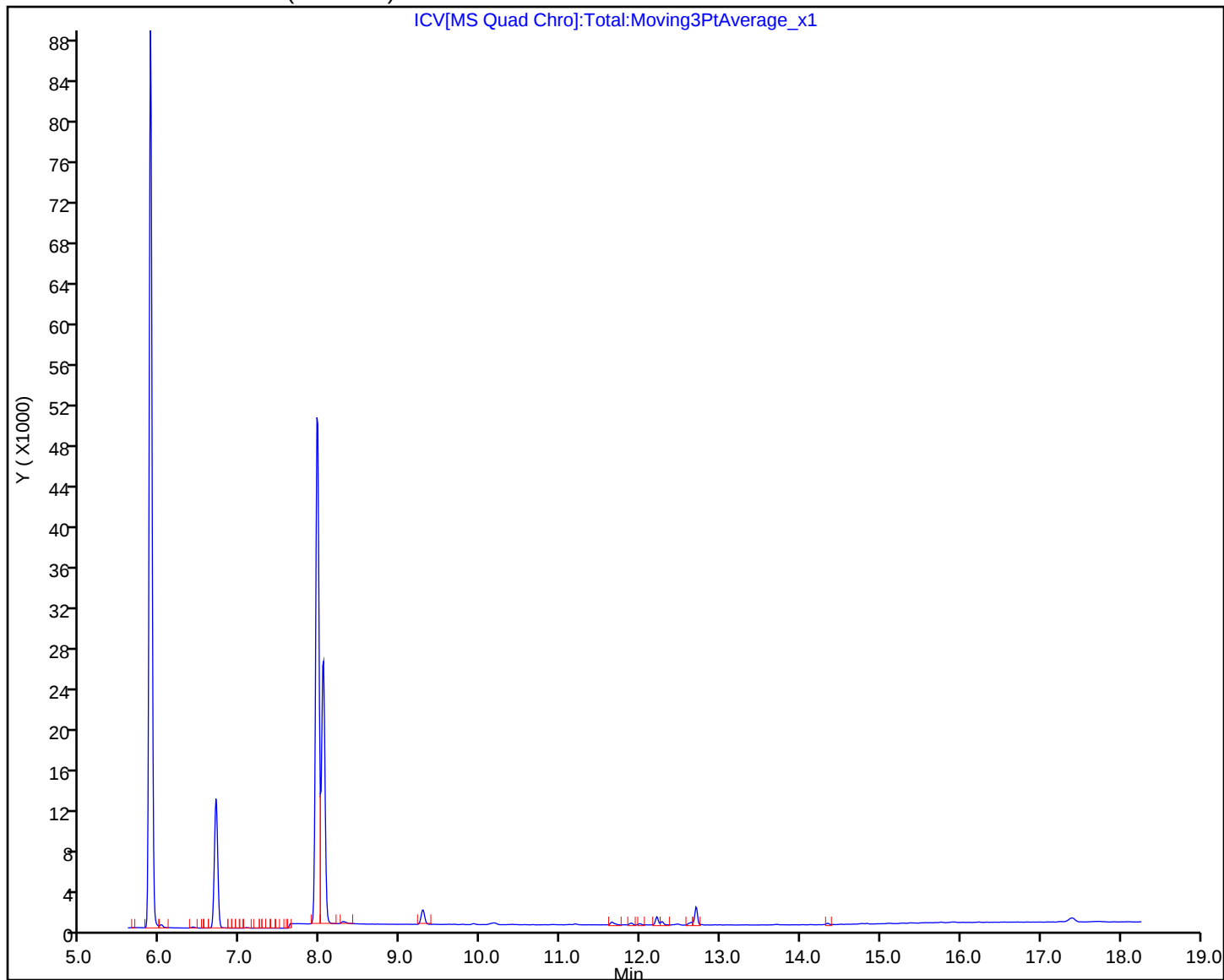
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: 522_GCMS-DM

Limit Group: MSS - 522

Column: CP Select 624 MS (0.25 mm)



Eurofins Eaton Analytical South Bend

Data File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250910-41284.b\ICV.D

Injection Date: 11-Sep-2025 15:44:29

Instrument ID: GCMS-DM

Lims ID: ICV 810-159612/15-A

Client ID:

Operator ID: TD

ALS Bottle#:

14

Worklist Smp#:

14

Injection Vol: 1.0 ul

Dil. Factor:

1.0000

Method: 522_GCMS-DM

Limit Group:

MSS - 522

Column: CP Select 624 MS (0.25 mm)

Detector

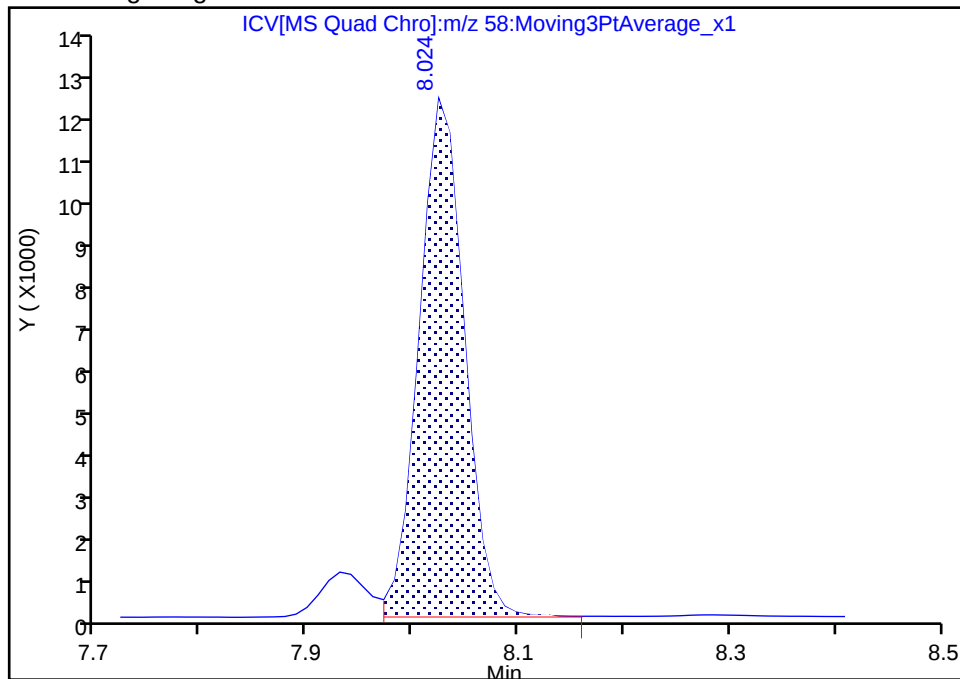
MS Quad

11 1,4-Dioxane, CAS: 123-91-1

Signal: 2

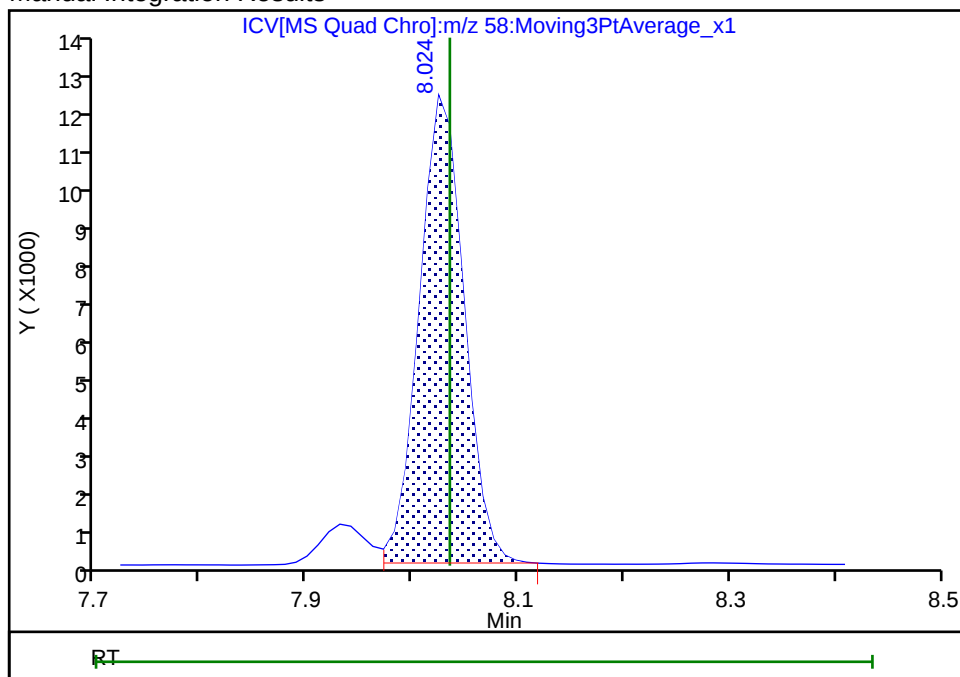
RT: 8.02
Area: 34855
Amount: 267.2626
Amount Units: ug/l

Processing Integration Results



RT: 8.02
Area: 34363
Amount: 266.3727
Amount Units: ug/l

Manual Integration Results



Reviewer: JH8B, 15-Sep-2025 06:23:57 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Baseline

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Eaton Analytical South Bend Job No.: 810-164749-1
SDG No.: _____
Lab Sample ID: CCVLIS 810-161283/1- Calibration Date: 09/22/2025 14:39
Instrument ID: GCMS-DM Calib Start Date: 09/11/2025 10:45
GC Column: CPSelect 624 MS ID: 0.25 (mm) Calib End Date: 09/11/2025 14:54
Lab File ID: CCVL.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%REC	%REC LIMITS
1,4-Dioxane	Lin1		0.8913		4.09	3.50	117	50-150
1,4-Dioxane-d8 (Surr)	Ave	0.7344	0.7727		526	500	105	70-130

Eurofins Eaton Analytical South Bend
Target Compound Quantitation Report

Data File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250922-41695.b\CCVL.D
 Lims ID: CCVLIS 810-161283/1-A
 Client ID:
 Sample Type: CCVLIS
 Inject. Date: 22-Sep-2025 14:39:39 ALS Bottle#: 2 Worklist Smp#: 1
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 810-0041695-001
 Misc. Info.: CCVLIS 810-161283/1-A
 Operator ID: TD Instrument ID: GCMS-DM
 Sublist: chrom-522_GCMS-DM*sub3
 Raw Data: Smoothed
 Method: \\ChromFS\Southbend\ChromData\GCMS-DM\20250922-41695.b\522_GCMS-DM.m
 Limit Group: MSS - 522
 Last Update: 23-Sep-2025 11:37:58 Calib Date: 11-Sep-2025 14:54:49
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250910-41284.b\100.D
 Column 1 : CP Select 624 MS (0.25 mm) Det: MS Quad
 Process Host: CTX1725

First Level Reviewer: D5UB

Date: 23-Sep-2025 11:37:58

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 5 Tetrahydrofuran-d8	46	5.854	5.862	-0.008	24	91200	500.0	500.0	
\$ 9 1,4-Dioxane-d8 (Surr)	96	7.952	7.962	-0.010	0	70467	500.0	526.1	
11 1,4-Dioxane	88	8.035	8.035	0.000	80	569	3.50	4.09	M
10 BFB									

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

O-522BFBSUB_00027

Amount Added: 1.00

Units: mL

Run Reagent

Eurofins Eaton Analytical South Bend

Data File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250922-41695.b\CCVL.D

Injection Date: 22-Sep-2025 14:39:39

Instrument ID: GCMS-DM

Lims ID: CCVLIS 810-161283/1-A

Client ID:

Operator ID: TD

ALS Bottle#:

2

Worklist Smp#:

1

Injection Vol: 1.0 ul

Dil. Factor:

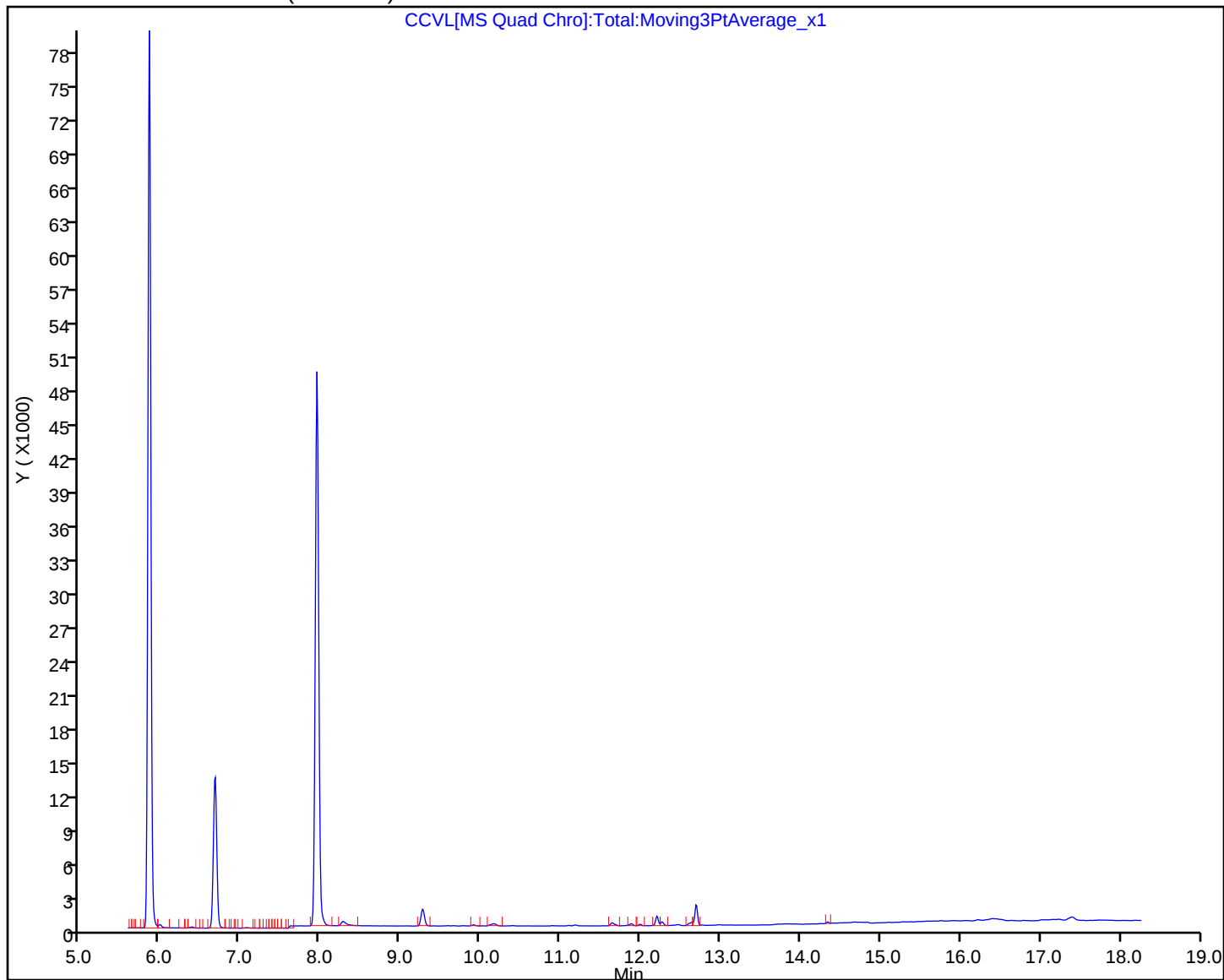
1.0000

Method: 522_GCMS-DM

Limit Group:

MSS - 522

Column: CP Select 624 MS (0.25 mm)



Eurofins Eaton Analytical South Bend

Data File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250922-41695.b\CCVL.D

Injection Date: 22-Sep-2025 14:39:39

Instrument ID: GCMS-DM

Lims ID: CCVLIS 810-161283/1-A

Client ID:

Operator ID: TD

ALS Bottle#:

2

Worklist Smp#: 1

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: 522_GCMS-DM

Limit Group: MSS - 522

Column: CP Select 624 MS (0.25 mm)

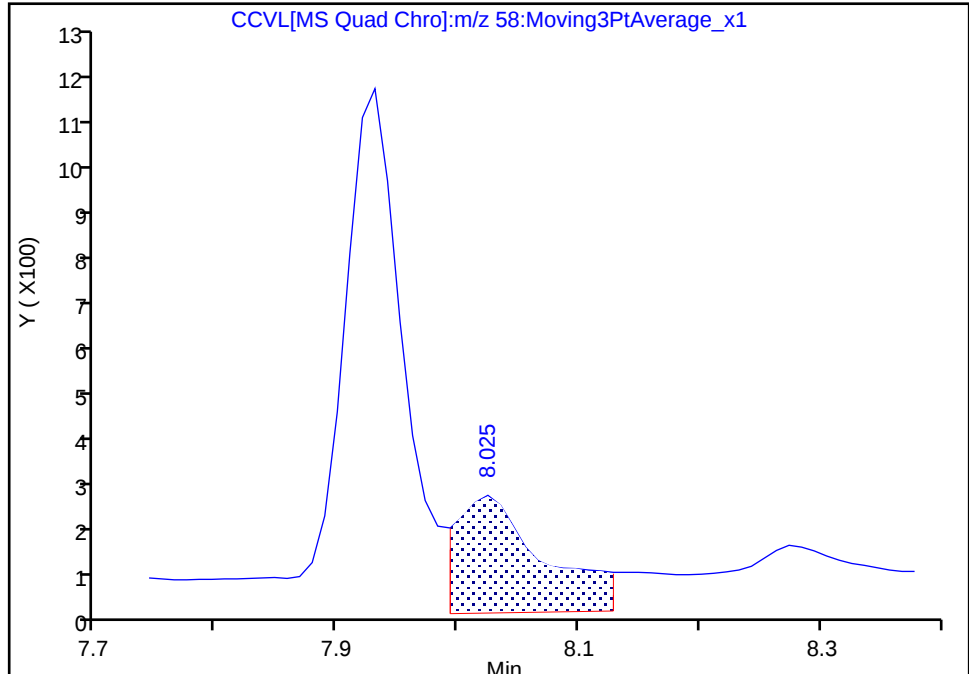
Detector: MS Quad

11 1,4-Dioxane, CAS: 123-91-1

Signal: 2

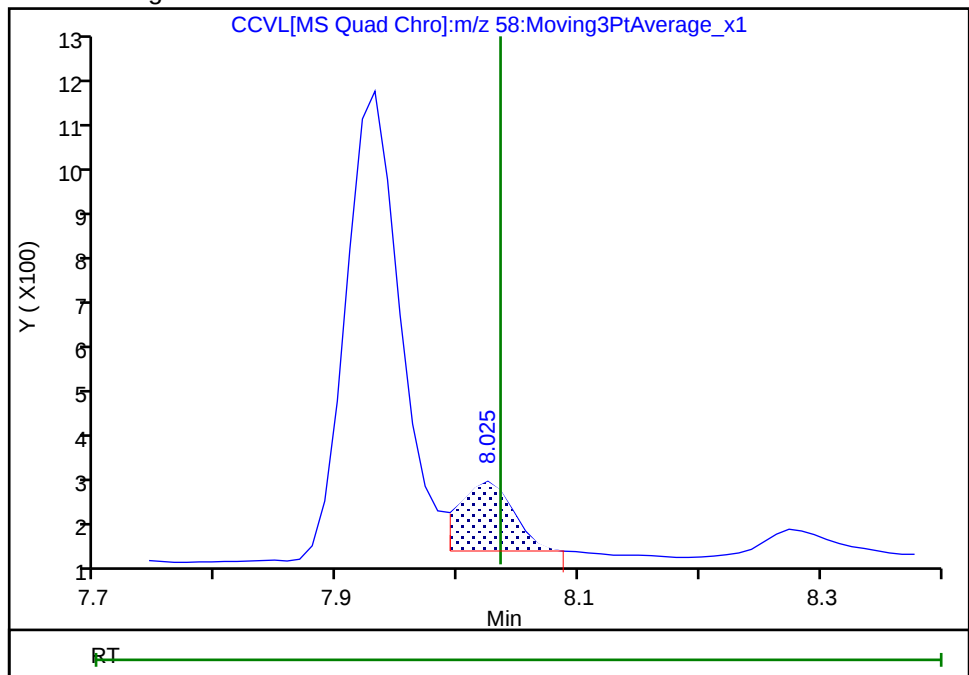
RT: 8.02
Area: 1298
Amount: 4.086668
Amount Units: ug/l

Processing Integration Results



RT: 8.02
Area: 490
Amount: 4.086668
Amount Units: ug/l

Manual Integration Results



Reviewer: D5UB, 23-Sep-2025 09:49:04 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Baseline

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Eaton Analytical South Bend Job No.: 810-164749-1
SDG No.: _____
Lab Sample ID: CCVIS 810-161283/2-A Calibration Date: 09/22/2025 20:29
Instrument ID: GCMS-DM Calib Start Date: 09/11/2025 10:45
GC Column: CPSelect 624 MS ID: 0.25 (mm) Calib End Date: 09/11/2025 14:54
Lab File ID: CCVM.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%REC	%REC LIMITS
1,4-Dioxane	Lin1		0.7683		242	250	97	70-130
1,4-Dioxane-d8 (Surr)	Ave	0.7344	0.7759		528	500	106	70-130

Eurofins Eaton Analytical South Bend
Target Compound Quantitation Report

Data File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250922-41695.b\CCVM.D
Lims ID: CCVIS 810-161283/2-A
Client ID:
Sample Type: CCVIS
Inject. Date: 22-Sep-2025 20:29:25 ALS Bottle#: 15 Worklist Smp#: 14
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 810-0041695-014
Misc. Info.: CCVIS 810-161283/2-A
Operator ID: TD Instrument ID: GCMS-DM
Sublist: chrom-522_GCMS-DM*sub3
Raw Data: Smoothed
Method: \\ChromFS\Southbend\ChromData\GCMS-DM\20250922-41695.b\522_GCMS-DM.m
Limit Group: MSS - 522
Last Update: 23-Sep-2025 11:37:41 Calib Date: 11-Sep-2025 14:54:49
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250910-41284.b\100.D
Column 1 : CP Select 624 MS (0.25 mm) Det: MS Quad
Process Host: CTX1725

First Level Reviewer: D5UB

Date: 23-Sep-2025 11:00:41

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 5 Tetrahydrofuran-d8	46	5.862	5.862	0.000	24	96890	500.0	500.0	
\$ 9 1,4-Dioxane-d8 (Surr)	96	7.962	7.962	0.000	0	75179	500.0	528.3	
11 1,4-Dioxane	88	8.035	8.035	0.000	84	37218	250.0	241.9	M
10 BFB									

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

O-522BFBSUB_00027

Amount Added: 1.00

Units: mL

Run Reagent

Report Date: 23-Sep-2025 11:37:42

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Eaton Analytical South Bend

Data File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250922-41695.b\CCVM.D

Injection Date: 22-Sep-2025 20:29:25

Instrument ID: GCMS-DM

Lims ID: CCVIS 810-161283/2-A

Client ID:

Operator ID: TD

ALS Bottle#: 15

Worklist Smp#: 14

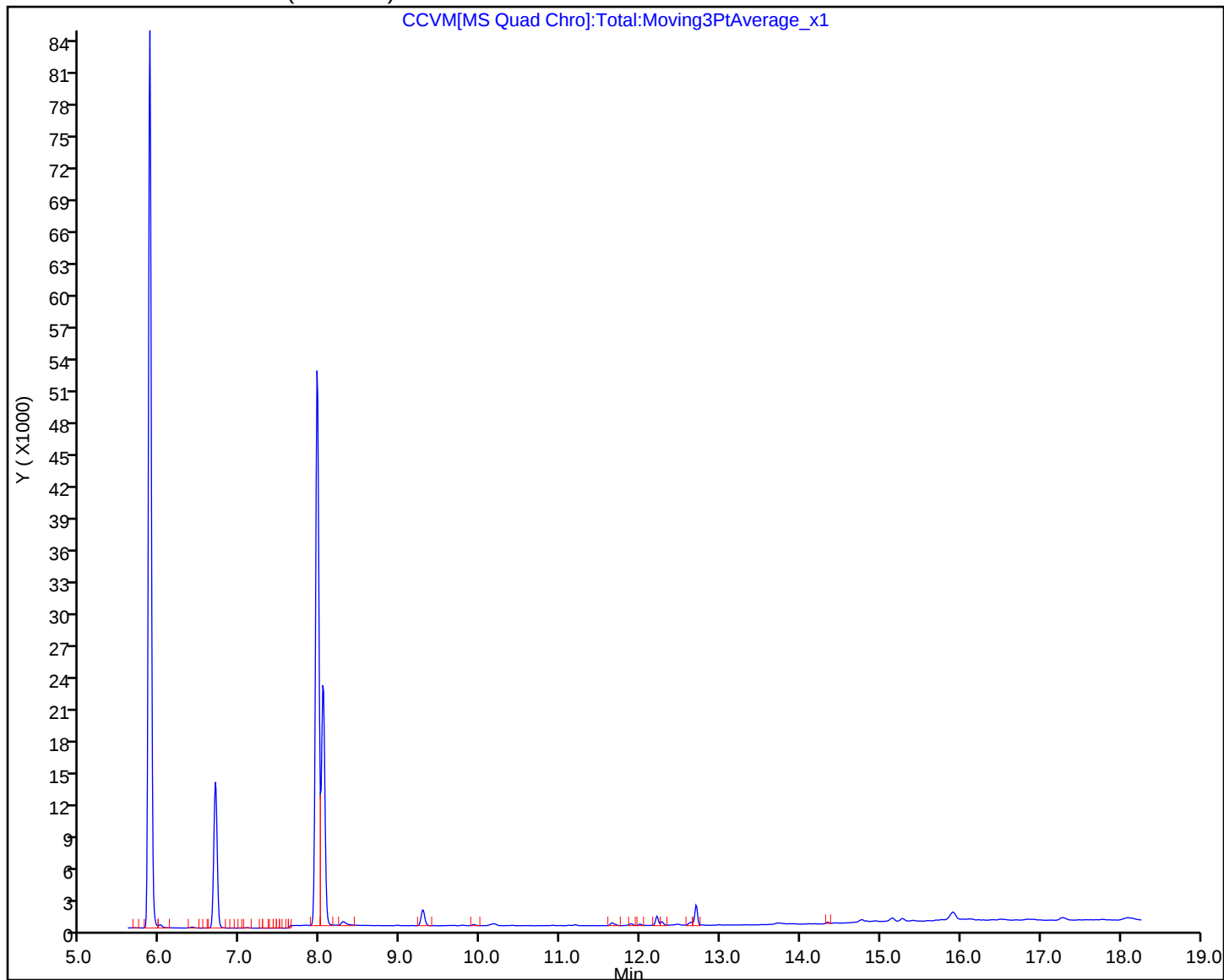
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: 522_GCMS-DM

Limit Group: MSS - 522

Column: CP Select 624 MS (0.25 mm)



Eurofins Eaton Analytical South Bend

Data File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250922-41695.b\CCVM.D

Injection Date: 22-Sep-2025 20:29:25

Instrument ID: GCMS-DM

Lims ID: CCVIS 810-161283/2-A

Client ID:

Operator ID: TD

ALS Bottle#:

15

Worklist Smp#:

14

Injection Vol: 1.0 ul

Dil. Factor:

1.0000

Method: 522_GCMS-DM

Limit Group:

MSS - 522

Column: CP Select 624 MS (0.25 mm)

Detector

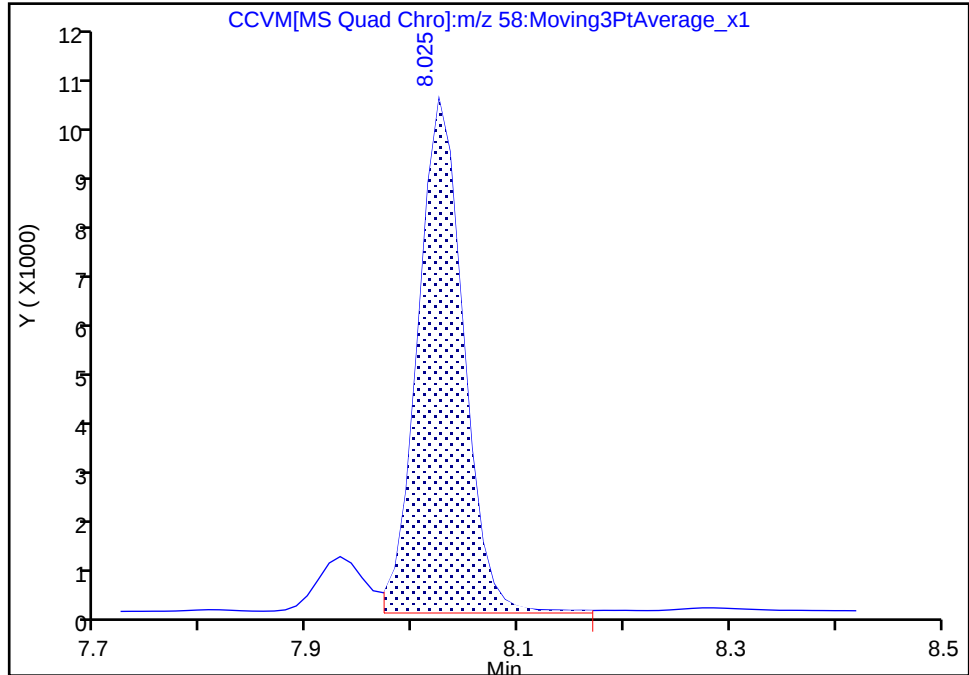
MS Quad

11 1,4-Dioxane, CAS: 123-91-1

Signal: 2

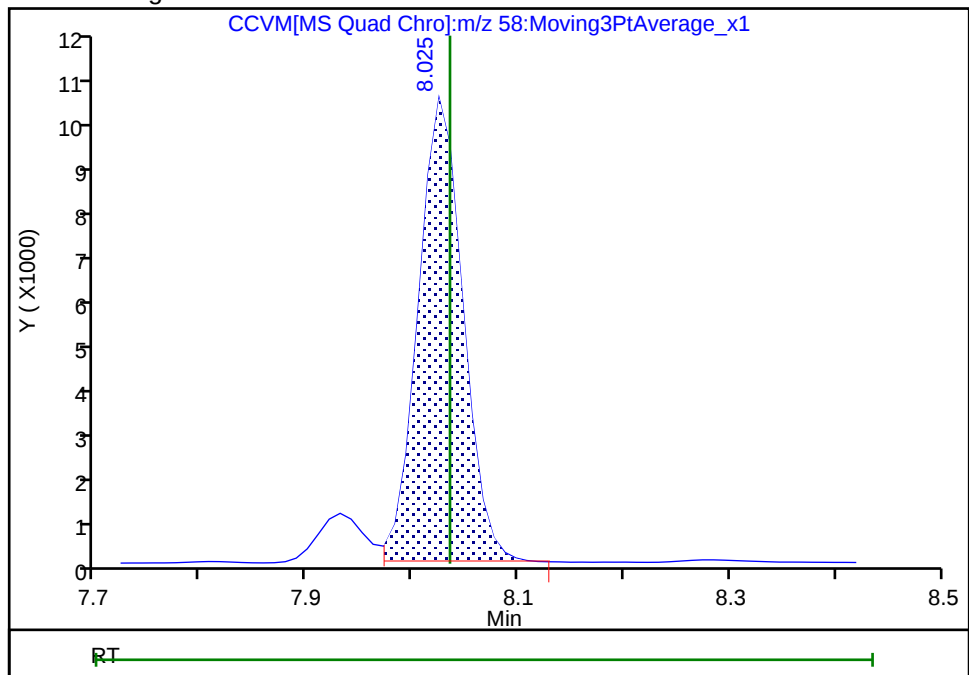
RT: 8.02
Area: 30700
Amount: 242.6323
Amount Units: ug/l

Processing Integration Results



RT: 8.02
Area: 29786
Amount: 241.9307
Amount Units: ug/l

Manual Integration Results



Reviewer: D5UB, 23-Sep-2025 11:29:03 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Baseline

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Eaton Analytical South Bend Job No.: 810-164749-1
SDG No.: _____
Lab Sample ID: CCV 810-161283/3-A Calibration Date: 09/23/2025 01:53
Instrument ID: GCMS-DM Calib Start Date: 09/11/2025 10:45
GC Column: CPSelect 624 MS ID: 0.25 (mm) Calib End Date: 09/11/2025 14:54
Lab File ID: CCVH.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%REC	%REC LIMITS
1,4-Dioxane	Lin1		0.7583		2390	2500	95	70-130
1,4-Dioxane-d8 (Surr)	Ave	0.7344	0.7625		519	500	104	70-130

Eurofins Eaton Analytical South Bend
Target Compound Quantitation Report

Data File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250922-41695.b\CCVH.D
 Lims ID: CCV 810-161283/3-A
 Client ID:
 Sample Type: CCV
 Inject. Date: 23-Sep-2025 01:53:12 ALS Bottle#: 28 Worklist Smp#: 27
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 810-0041695-027
 Misc. Info.: CCV 810-161283/3-A
 Operator ID: TD Instrument ID: GCMS-DM
 Sublist: chrom-522_GCMS-DM*sub3
 Raw Data: Smoothed
 Method: \\ChromFS\Southbend\ChromData\GCMS-DM\20250922-41695.b\522_GCMS-DM.m
 Limit Group: MSS - 522
 Last Update: 23-Sep-2025 11:37:57 Calib Date: 11-Sep-2025 14:54:49
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250910-41284.b\100.D
 Column 1 : CP Select 624 MS (0.25 mm) Det: MS Quad
 Process Host: CTX1725

First Level Reviewer: D5UB

Date: 23-Sep-2025 11:26:49

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 5 Tetrahydrofuran-d8	46	5.862	5.862	0.000	26	106627	500.0	500.0	
\$ 9 1,4-Dioxane-d8 (Surr)	96	7.952	7.962	-0.010	0	81298	500.0	519.1	
11 1,4-Dioxane	88	8.025	8.035	-0.011	85	404287	2500.0	2386.6	M
10 BFB									

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

O-522BFBSUB_00027

Amount Added: 1.00

Units: mL

Run Reagent

Report Date: 23-Sep-2025 11:37:58

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Eaton Analytical South Bend

Data File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250922-41695.b\CCVH.D

Injection Date: 23-Sep-2025 01:53:12

Instrument ID: GCMS-DM

Lims ID: CCV 810-161283/3-A

Client ID:

Operator ID: TD

ALS Bottle#: 28

Worklist Smp#: 27

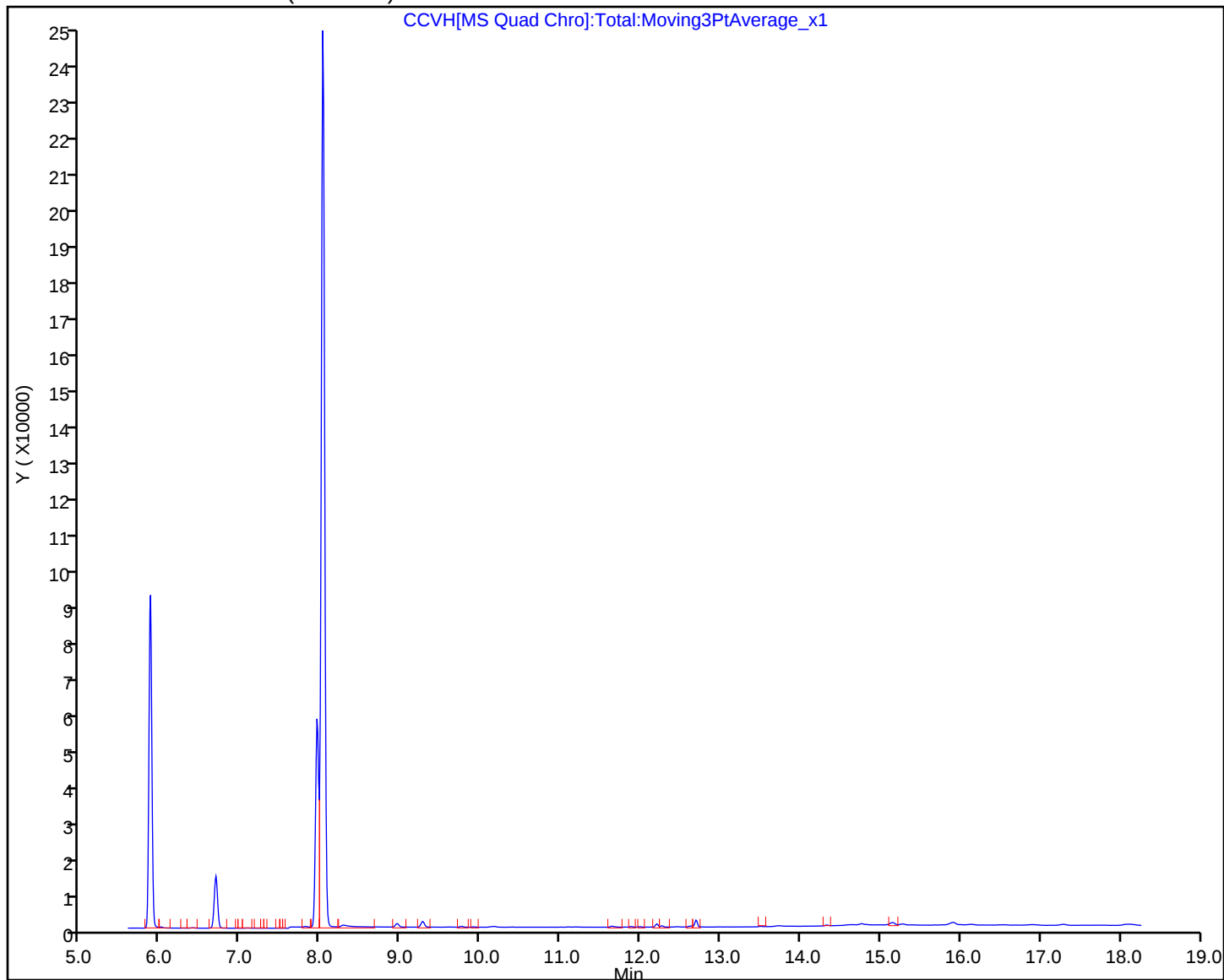
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: 522_GCMS-DM

Limit Group: MSS - 522

Column: CP Select 624 MS (0.25 mm)



Eurofins Eaton Analytical South Bend

Data File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250922-41695.b\CCVH.D

Injection Date: 23-Sep-2025 01:53:12

Instrument ID: GCMS-DM

Lims ID: CCV 810-161283/3-A

Client ID:

Operator ID: TD

ALS Bottle#:

28

Worklist Smp#: 27

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: 522_GCMS-DM

Limit Group: MSS - 522

Column: CP Select 624 MS (0.25 mm)

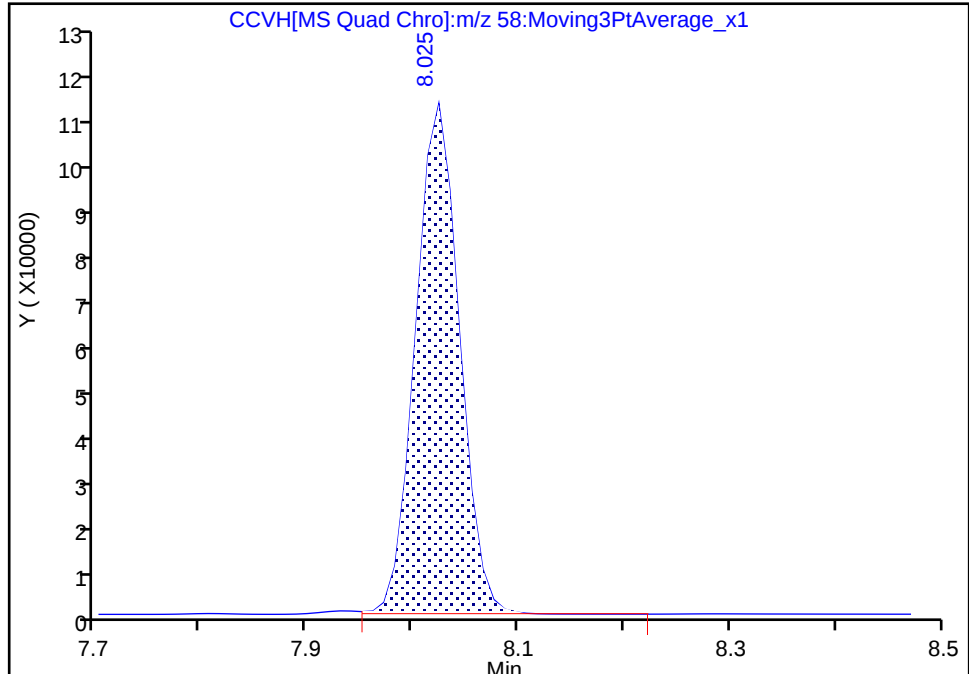
Detector MS Quad

11 1,4-Dioxane, CAS: 123-91-1

Signal: 2

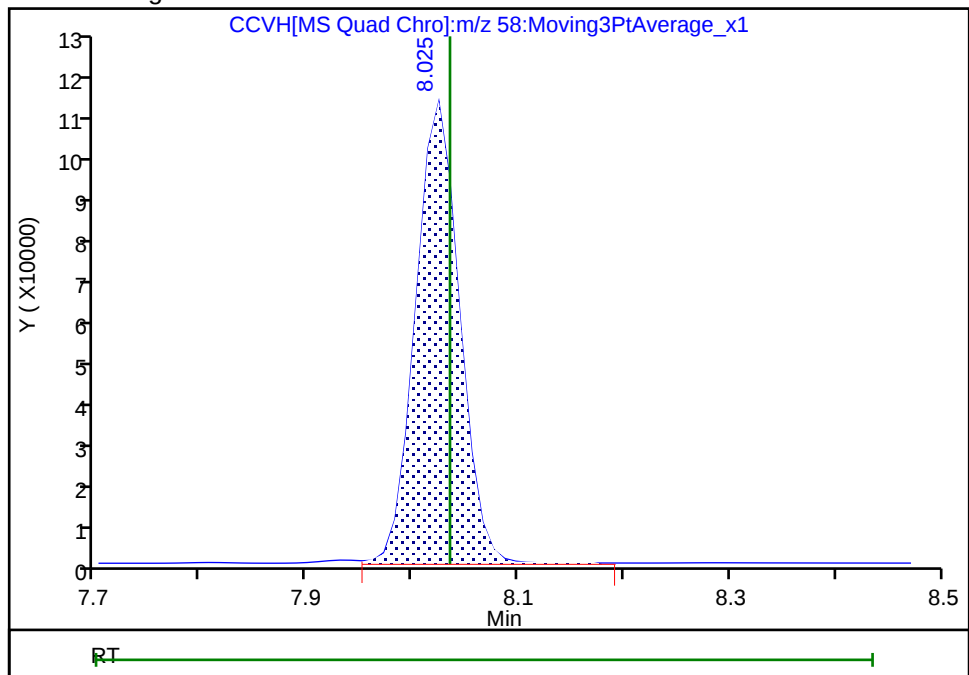
RT: 8.02
Area: 322143
Amount: 2396.3685
Amount Units: ug/l

Processing Integration Results



RT: 8.02
Area: 321309
Amount: 2386.6111
Amount Units: ug/l

Manual Integration Results



Reviewer: D5UB, 23-Sep-2025 11:26:18 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Baseline

Eurofins Eaton Analytical South Bend

Data File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250922-41695.b\CCVH.D

Injection Date: 23-Sep-2025 01:53:12

Instrument ID: GCMS-DM

Lims ID: CCV 810-161283/3-A

Client ID:

Operator ID: TD

ALS Bottle#:

28

Worklist Smp#: 27

Injection Vol: 1.0 ul

Dil. Factor:

1.0000

Method: 522_GCMS-DM

Limit Group:

MSS - 522

Column: CP Select 624 MS (0.25 mm)

Detector

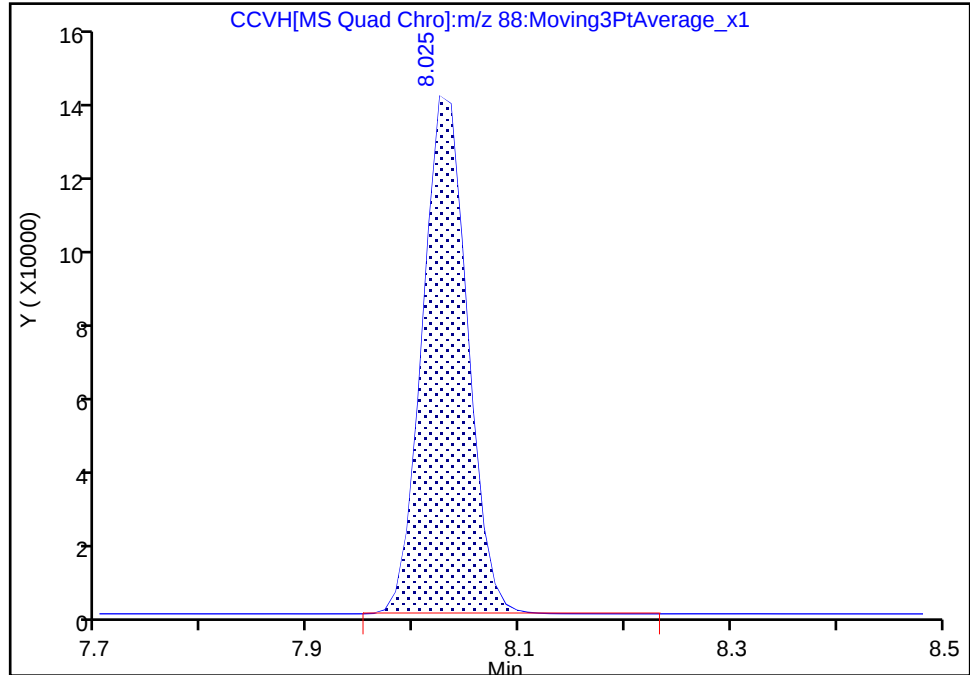
MS Quad

11 1,4-Dioxane, CAS: 123-91-1

Signal: 1

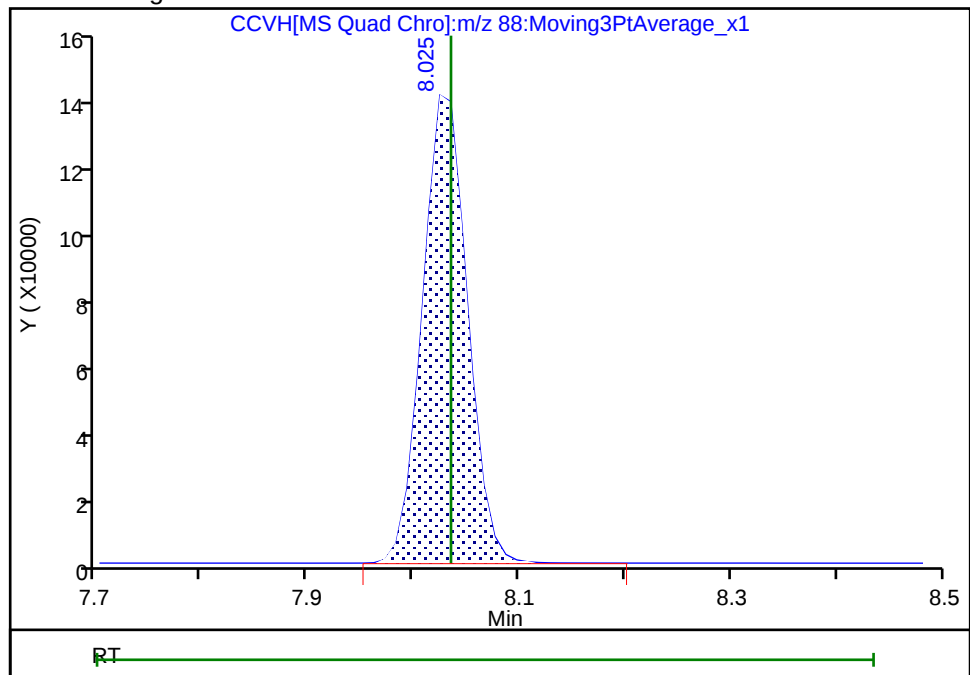
RT: 8.02
Area: 405940
Amount: 2396.3685
Amount Units: ug/l

Processing Integration Results



RT: 8.02
Area: 404287
Amount: 2386.6111
Amount Units: ug/l

Manual Integration Results



Reviewer: D5UB, 23-Sep-2025 11:26:39 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Baseline

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Eaton Analytical South Bend Job No.: 810-164749-1
SDG No.: _____
Lab Sample ID: ICV 810-161845/15-A Calibration Date: 09/26/2025 13:49
Instrument ID: GCMS-DM Calib Start Date: 09/26/2025 08:48
GC Column: CPSelect 624 MS ID: 0.25 (mm) Calib End Date: 09/26/2025 12:59
Lab File ID: ICV.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%REC	%REC LIMITS
1,4-Dioxane	Lin1		0.8614		271	250	109	80-120
1,4-Dioxane-d8 (Surr)	Ave	0.7688	0.7451		485	500	97	70-130

Eurofins Eaton Analytical South Bend
Target Compound Quantitation Report

Data File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250925-41857.b\ICV.D
 Lims ID: ICV 810-161845/15-A
 Client ID:
 Sample Type: ICV
 Inject. Date: 26-Sep-2025 13:49:17 ALS Bottle#: 14 Worklist Smp#: 13
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 810-0041857-013
 Misc. Info.: IC 810-161845/14-A
 Operator ID: TD Instrument ID: GCMS-DM
 Sublist: chrom-522_GCMS-DM*sub3
 Raw Data: Smoothed
 Method: \\ChromFS\Southbend\ChromData\GCMS-DM\20250925-41857.b\522_GCMS-DM.m
 Limit Group: MSS - 522
 Last Update: 29-Sep-2025 08:07:59 Calib Date: 26-Sep-2025 12:59:32
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250925-41857.b\IC11.D
 Column 1 : CP Select 624 MS (0.25 mm) Det: MS Quad
 Process Host: CTX1719

First Level Reviewer: JH8B

Date: 26-Sep-2025 14:55:16

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 5 Tetrahydrofuran-d8	46	5.854	5.862	-0.008	25	85811	500.0	500.0	
\$ 9 1,4-Dioxane-d8 (Surr)	96	7.962	7.952	0.010	0	63935	500.0	484.5	
11 1,4-Dioxane	88	8.035	8.024	0.011	84	36960	250.0	271.4	M
10 BFB									

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

O-522BFBSUB_00029

Amount Added: 1.00

Units: mL

Run Reagent

Eurofins Eaton Analytical South Bend

Data File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250925-41857.b\ICV.D

Injection Date: 26-Sep-2025 13:49:17

Instrument ID: GCMS-DM

Lims ID: ICV 810-161845/15-A

Client ID:

Operator ID: TD

ALS Bottle#: 14

Worklist Smp#: 13

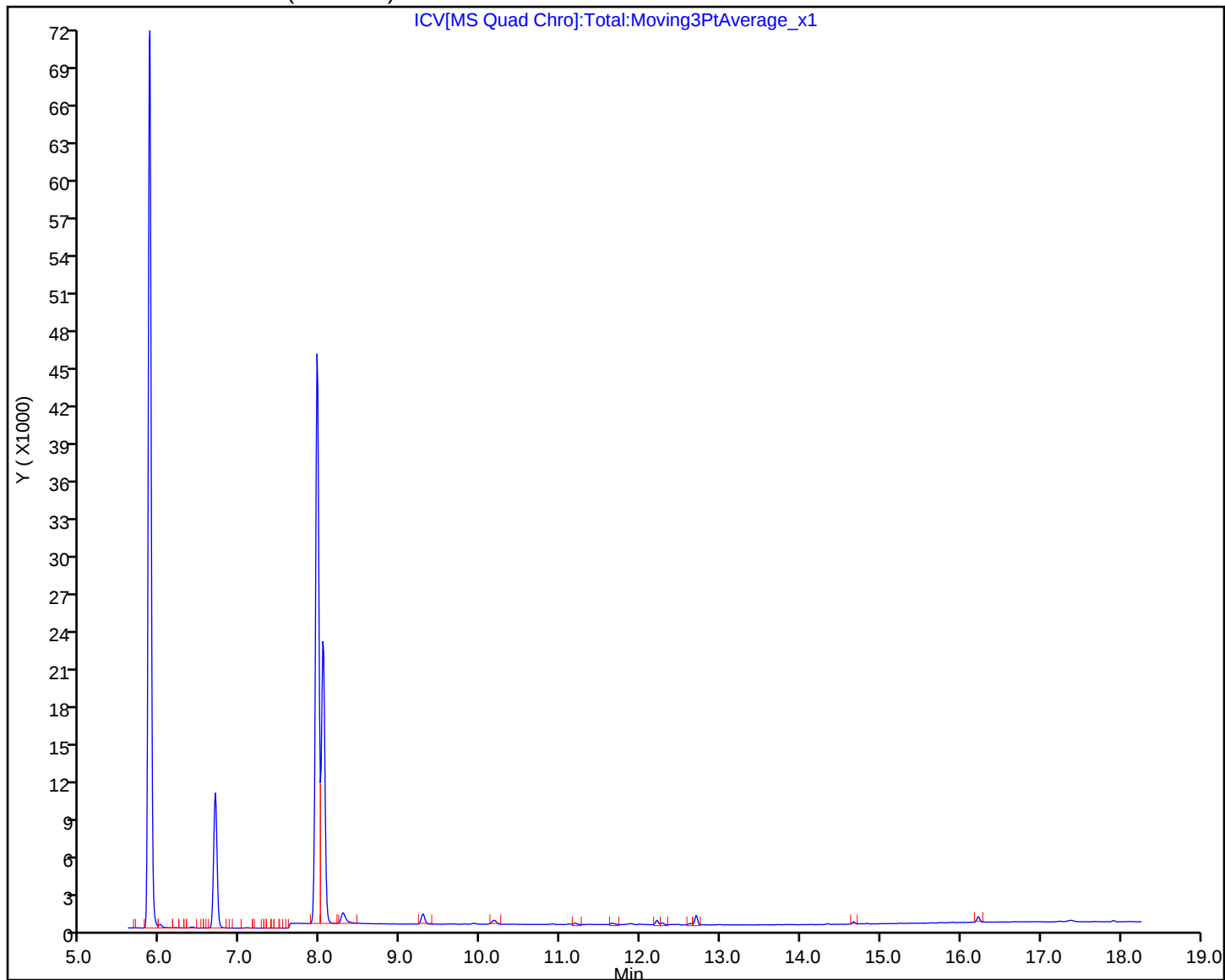
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: 522_GCMS-DM

Limit Group: MSS - 522

Column: CP Select 624 MS (0.25 mm)



Eurofins Eaton Analytical South Bend

Data File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250925-41857.b\ICV.D

Injection Date: 26-Sep-2025 13:49:17

Instrument ID: GCMS-DM

Lims ID: ICV 810-161845/15-A

Client ID:

Operator ID: TD

ALS Bottle#:

14

Worklist Smp#: 13

Injection Vol: 1.0 ul

Dil. Factor:

1.0000

Method: 522_GCMS-DM

Limit Group:

MSS - 522

Column: CP Select 624 MS (0.25 mm)

Detector

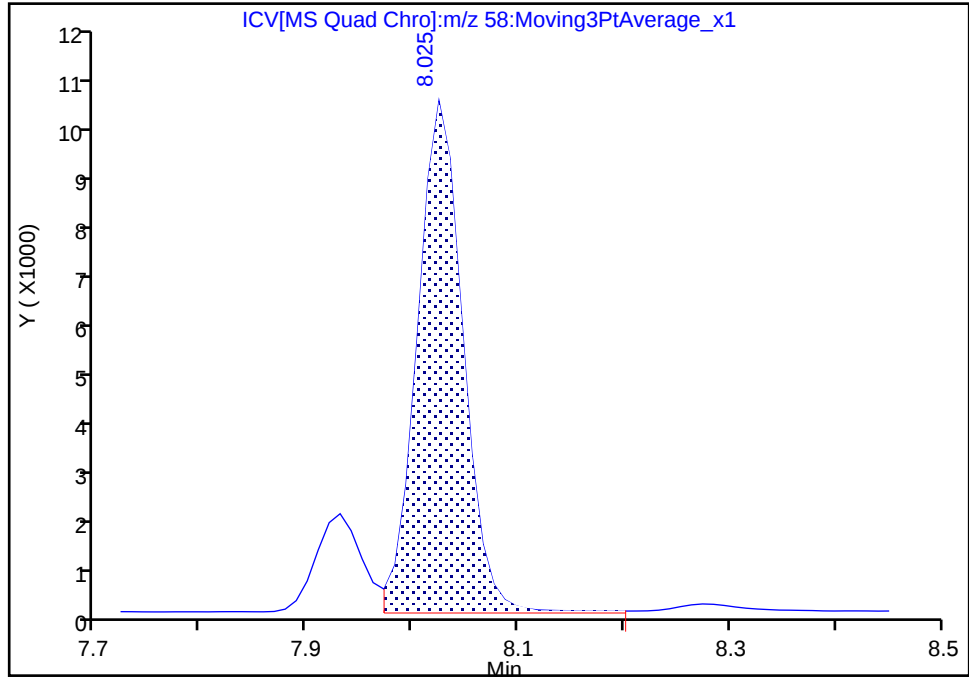
MS Quad

11 1,4-Dioxane, CAS: 123-91-1

Signal: 2

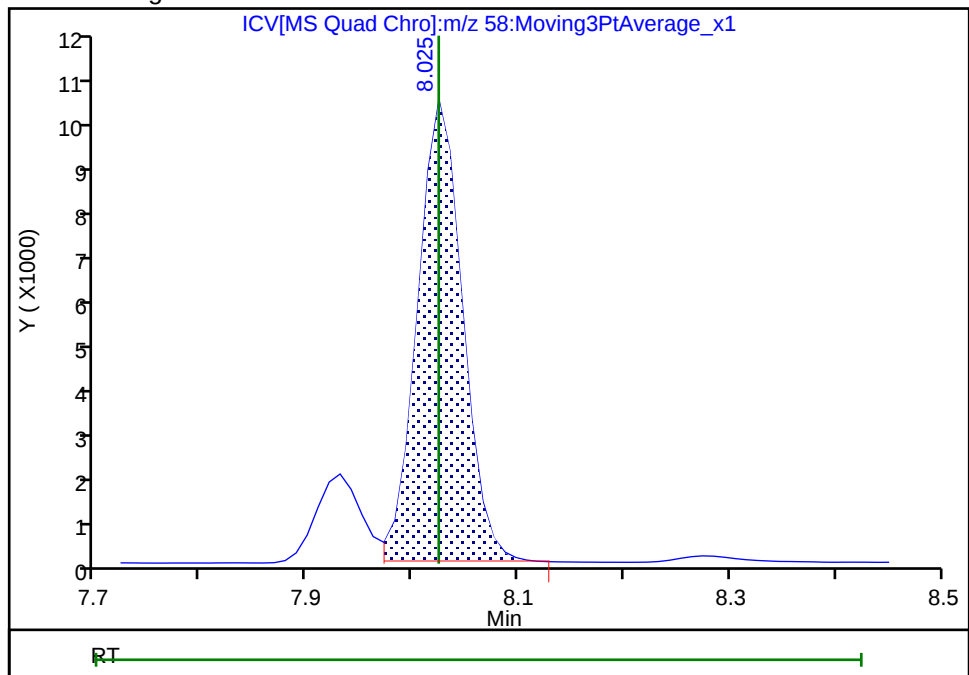
RT: 8.02
Area: 30708
Amount: 270.8127
Amount Units: ug/l

Processing Integration Results



RT: 8.02
Area: 29845
Amount: 271.3776
Amount Units: ug/l

Manual Integration Results



Reviewer: JH8B, 26-Sep-2025 14:55:12 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Baseline

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Eaton Analytical South Bend Job No.: 810-164749-1
SDG No.: _____
Lab Sample ID: CCVLIS 810-161845/1- Calibration Date: 09/29/2025 08:26
Instrument ID: GCMS-DM Calib Start Date: 09/26/2025 08:48
GC Column: CPSelect 624 MS ID: 0.25 (mm) Calib End Date: 09/26/2025 12:59
Lab File ID: CCVL1.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%REC	%REC LIMITS
1,4-Dioxane	Lin1		0.9775		4.55	3.50	130	50-150
1,4-Dioxane-d8 (Surr)	Ave	0.7688	0.8367		544	500	109	70-130

Eurofins Eaton Analytical South Bend
Target Compound Quantitation Report

Data File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250925-41860.b\CCVL1.D
 Lims ID: CCVLIS 810-161845/1-A
 Client ID:
 Sample Type: CCVLIS
 Inject. Date: 29-Sep-2025 08:26:22 ALS Bottle#: 43 Worklist Smp#: 1
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 810-0041860-001
 Misc. Info.: CCVLIS 810-161845/1-A
 Operator ID: TD Instrument ID: GCMS-DM
 Sublist: chrom-522_GCMS-DM*sub3
 Raw Data: Smoothed
 Method: \\ChromFS\Southbend\ChromData\GCMS-DM\20250925-41860.b\522_GCMS-DM.m
 Limit Group: MSS - 522
 Last Update: 30-Sep-2025 09:45:14 Calib Date: 26-Sep-2025 12:59:32
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250925-41857.b\IC11.D
 Column 1 : CP Select 624 MS (0.25 mm) Det: MS Quad
 Process Host: CTX1664

First Level Reviewer: JH8B

Date: 29-Sep-2025 08:46:39

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 5 Tetrahydrofuran-d8	46	5.839	5.846	-0.007	25	76584	500.0	500.0	
\$ 9 1,4-Dioxane-d8 (Surr)	96	7.952	7.952	0.000	0	64080	500.0	544.2	
11 1,4-Dioxane	88	8.025	8.024	0.001	76	524	3.50	4.55	M
10 BFB									

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

O-522BFBSUB_00029

Amount Added: 1.00

Units: mL

Run Reagent

Report Date: 30-Sep-2025 09:45:14

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Eaton Analytical South Bend

Data File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250925-41860.b\CCVL1.D

Injection Date: 29-Sep-2025 08:26:22

Instrument ID: GCMS-DM

Lims ID: CCVLIS 810-161845/1-A

Client ID:

Operator ID: TD

ALS Bottle#: 43

Worklist Smp#: 1

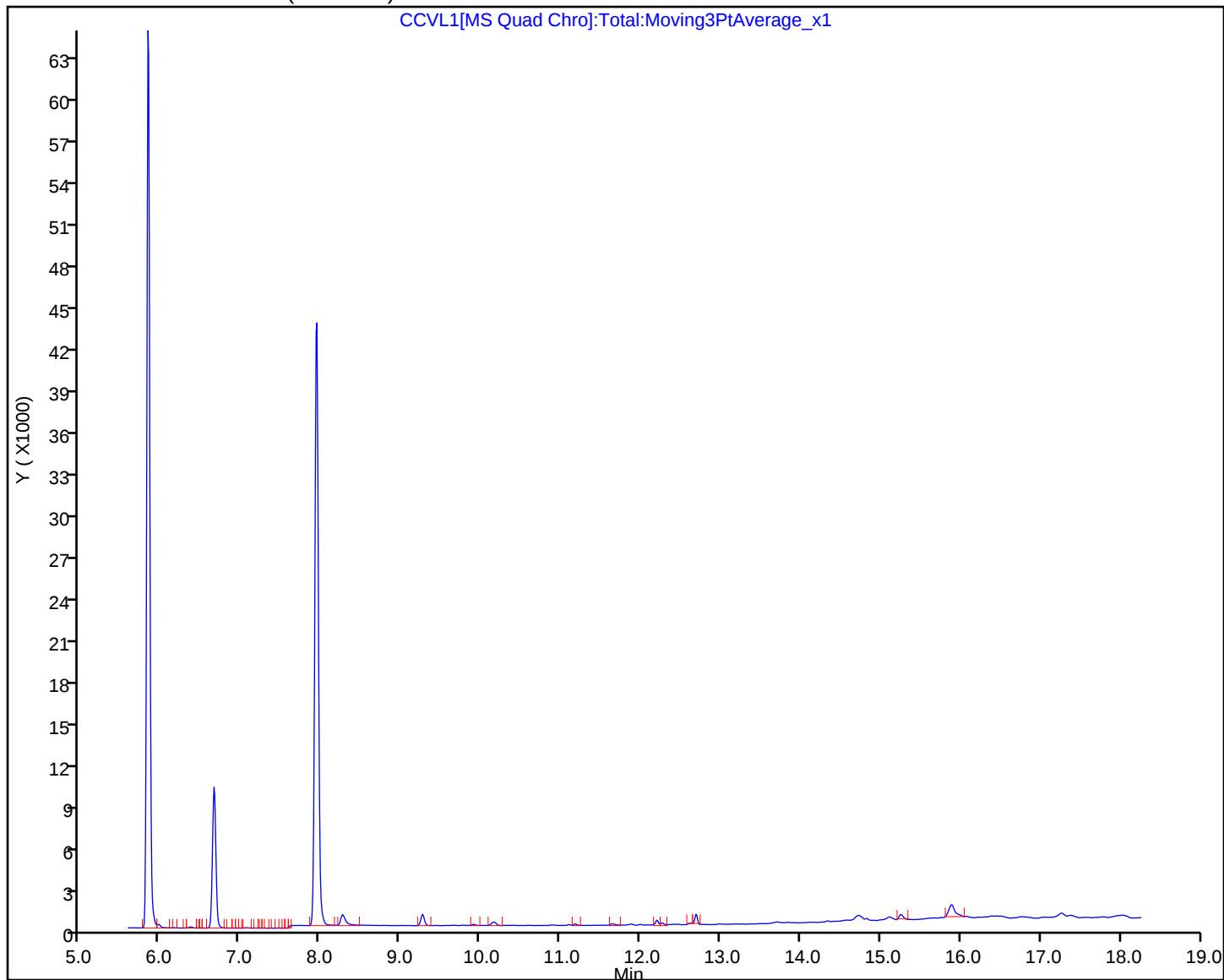
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: 522_GCMS-DM

Limit Group: MSS - 522

Column: CP Select 624 MS (0.25 mm)



Eurofins Eaton Analytical South Bend

Data File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250925-41860.b\CCVL1.D

Injection Date: 29-Sep-2025 08:26:22

Instrument ID: GCMS-DM

Lims ID: CCVLIS 810-161845/1-A

Client ID:

Operator ID: TD

ALS Bottle#:

43

Worklist Smp#: 1

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: 522_GCMS-DM

Limit Group: MSS - 522

Column: CP Select 624 MS (0.25 mm)

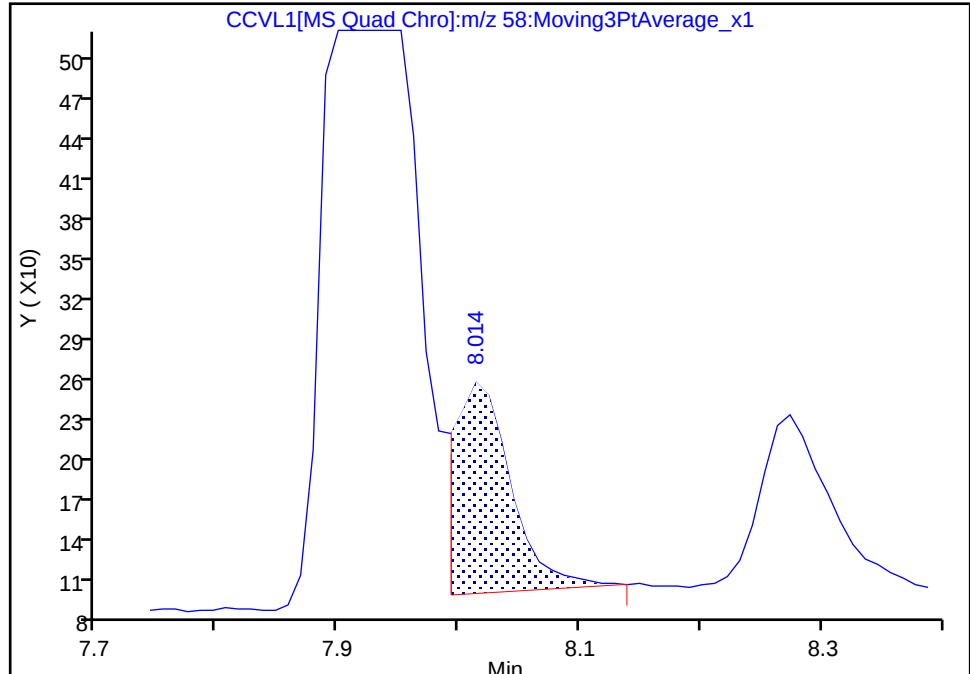
Detector: MS Quad

11 1,4-Dioxane, CAS: 123-91-1

Signal: 2

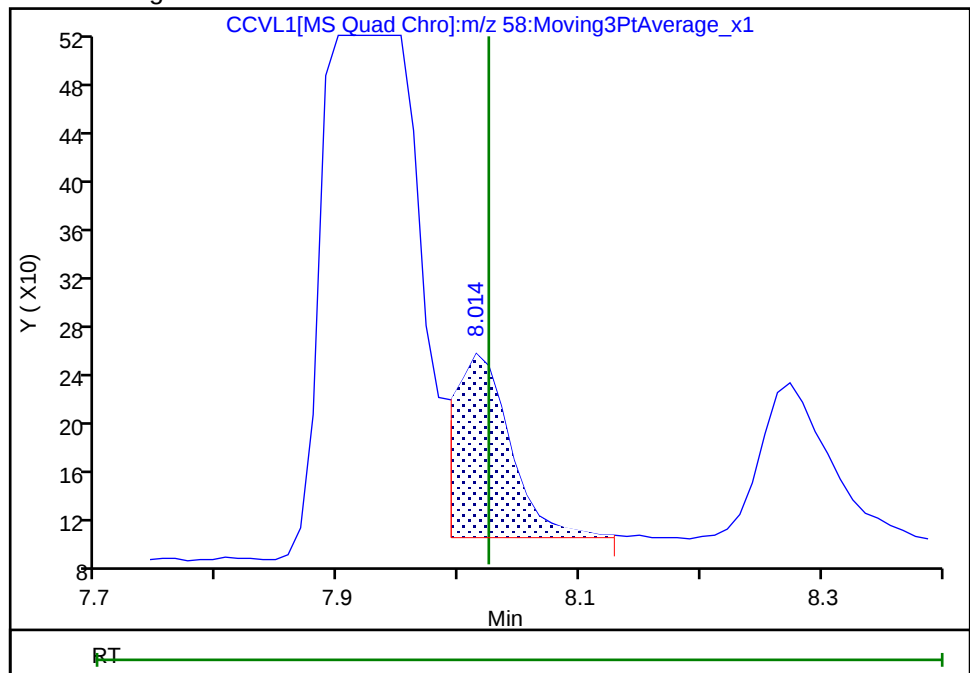
RT: 8.01
Area: 520
Amount: 4.554038
Amount Units: ug/l

Processing Integration Results



RT: 8.01
Area: 500
Amount: 4.554038
Amount Units: ug/l

Manual Integration Results



Reviewer: JH8B, 29-Sep-2025 08:46:32 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Baseline

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Eaton Analytical South Bend Job No.: 810-164749-1
SDG No.: _____
Lab Sample ID: CCVIS 810-161845/2-A Calibration Date: 09/29/2025 14:42
Instrument ID: GCMS-DM Calib Start Date: 09/26/2025 08:48
GC Column: CPSelect 624 MS ID: 0.25 (mm) Calib End Date: 09/26/2025 12:59
Lab File ID: CCVM1.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%REC	%REC LIMITS
1,4-Dioxane	Lin1		0.8271		261	250	104	70-130
1,4-Dioxane-d8 (Surr)	Ave	0.7688	0.7793		507	500	101	70-130

Eurofins Eaton Analytical South Bend
Target Compound Quantitation Report

Data File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250925-41860.b\CCVM1.D
 Lims ID: CCVIS 810-161845/2-A
 Client ID:
 Sample Type: CCVIS
 Inject. Date: 29-Sep-2025 14:42:25 ALS Bottle#: 57 Worklist Smp#: 15
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 810-0041860-015
 Misc. Info.: CCVIS 810-161845/2-A
 Operator ID: TD Instrument ID: GCMS-DM
 Sublist: chrom-522_GCMS-DM*sub3
 Raw Data: Smoothed
 Method: \\ChromFS\Southbend\ChromData\GCMS-DM\20250925-41860.b\522_GCMS-DM.m
 Limit Group: MSS - 522
 Last Update: 30-Sep-2025 09:45:38 Calib Date: 26-Sep-2025 12:59:32
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250925-41857.b\IC11.D
 Column 1 : CP Select 624 MS (0.25 mm) Det: MS Quad
 Process Host: CTX1664

First Level Reviewer: JH8B

Date: 30-Sep-2025 09:35:29

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 5 Tetrahydrofuran-d8	46	5.846	5.846	0.000	25	94858	500.0	500.0	
\$ 9 1,4-Dioxane-d8 (Surr)	96	7.952	7.952	0.000	0	73924	500.0	506.8	
11 1,4-Dioxane	88	8.024	8.024	0.000	85	39227	250.0	260.6	M
10 BFB									

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

O-522BFBSUB_00029

Amount Added: 1.00

Units: mL

Run Reagent

Report Date: 30-Sep-2025 09:45:38

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Eaton Analytical South Bend

Data File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250925-41860.b\CCVM1.D

Injection Date: 29-Sep-2025 14:42:25

Instrument ID: GCMS-DM

Lims ID: CCVIS 810-161845/2-A

Client ID:

Operator ID: TD

ALS Bottle#: 57

Worklist Smp#: 15

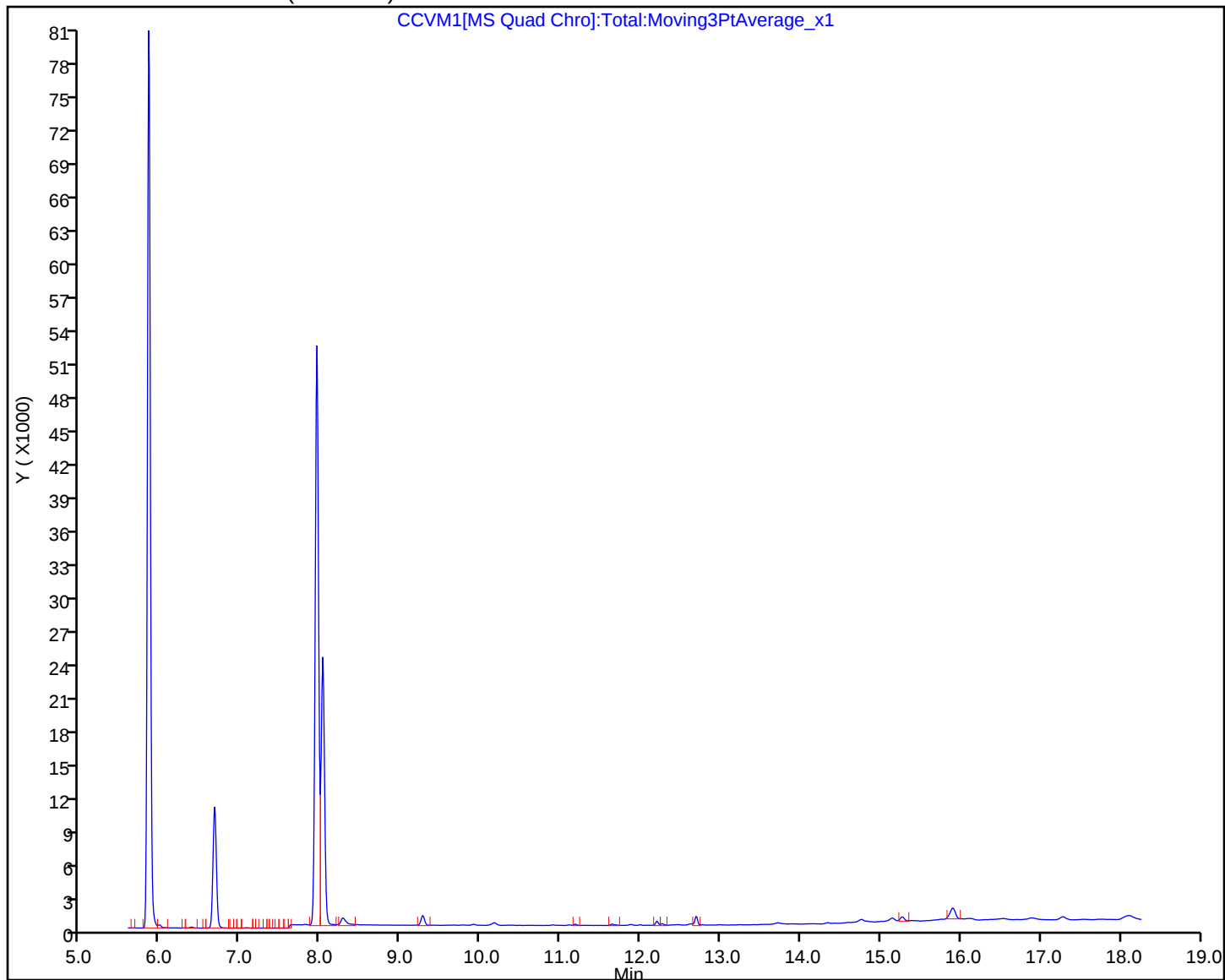
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: 522_GCMS-DM

Limit Group: MSS - 522

Column: CP Select 624 MS (0.25 mm)



Eurofins Eaton Analytical South Bend

Data File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250925-41860.b\CCVM1.D

Injection Date: 29-Sep-2025 14:42:25

Instrument ID: GCMS-DM

Lims ID: CCVIS 810-161845/2-A

Client ID:

Operator ID: TD

ALS Bottle#:

57

Worklist Smp#: 15

Injection Vol: 1.0 ul

Dil. Factor:

1.0000

Method: 522_GCMS-DM

Limit Group:

MSS - 522

Column: CP Select 624 MS (0.25 mm)

Detector

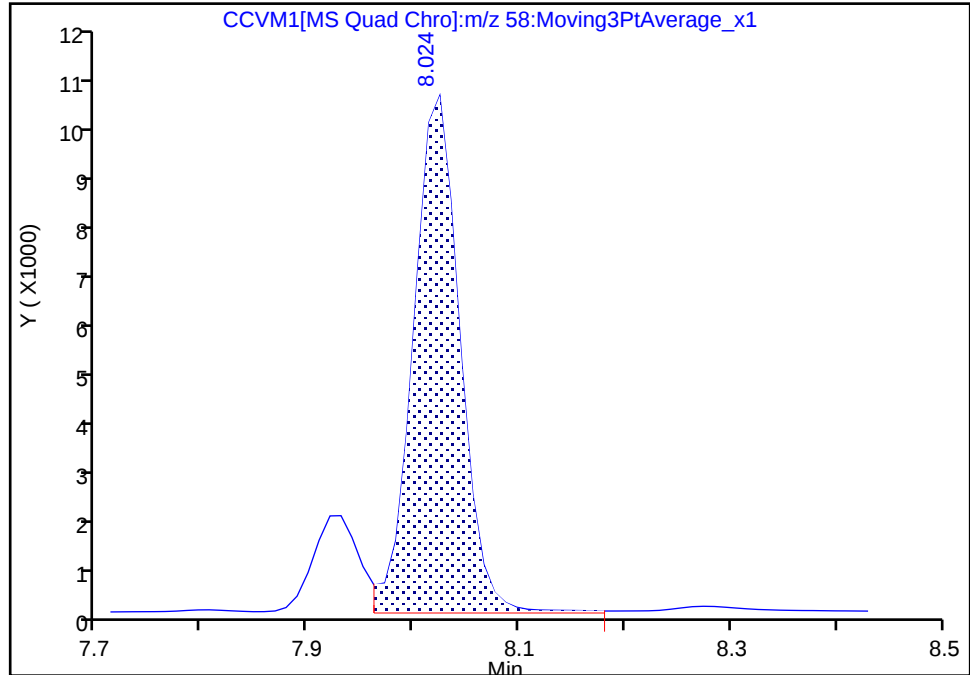
MS Quad

11 1,4-Dioxane, CAS: 123-91-1

Signal: 2

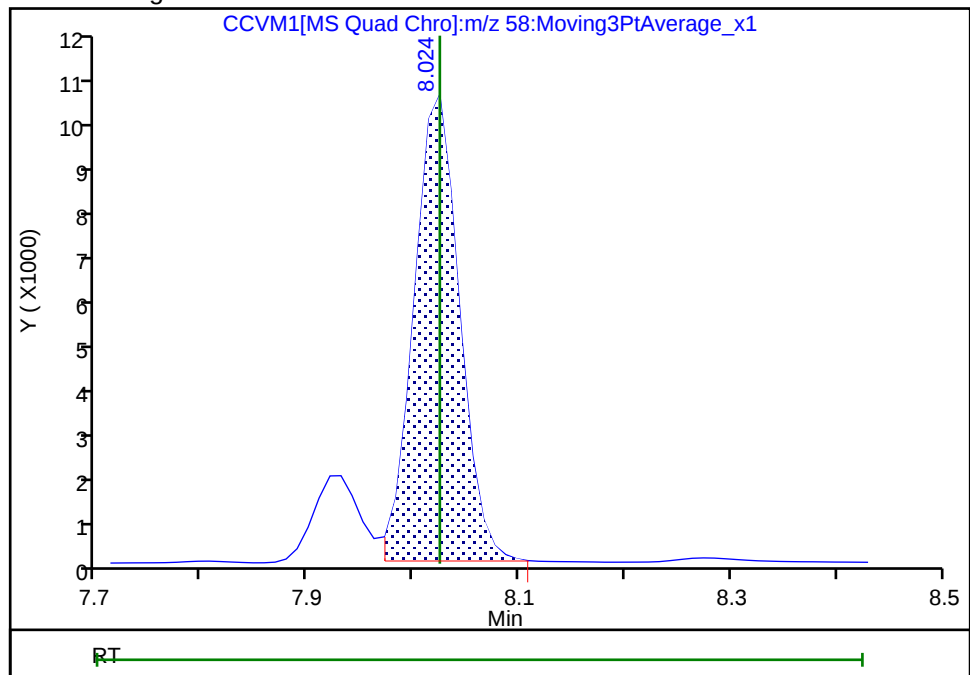
RT: 8.02
Area: 32660
Amount: 276.5361
Amount Units: ug/l

Processing Integration Results



RT: 8.02
Area: 31272
Amount: 260.5629
Amount Units: ug/l

Manual Integration Results



Reviewer: JH8B, 30-Sep-2025 09:35:27 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Baseline

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Eaton Analytical South Bend Job No.: 810-164749-1
SDG No.: _____
Lab Sample ID: CCV 810-161845/3-A Calibration Date: 09/29/2025 20:08
Instrument ID: GCMS-DM Calib Start Date: 09/26/2025 08:48
GC Column: CPSelect 624 MS ID: 0.25 (mm) Calib End Date: 09/26/2025 12:59
Lab File ID: CCVH1.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%REC	%REC LIMITS
1,4-Dioxane	Lin1		0.8096		2550	2500	102	70-130
1,4-Dioxane-d8 (Surr)	Ave	0.7688	0.7811		508	500	102	70-130

Eurofins Eaton Analytical South Bend
Target Compound Quantitation Report

Data File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250925-41860.b\CCVH1.D
Lims ID: CCV 810-161845/3-A
Client ID:
Sample Type: CCV
Inject. Date: 29-Sep-2025 20:08:51 ALS Bottle#: 70 Worklist Smp#: 28
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 810-0041860-028
Misc. Info.: CCV 810-161845/3-A
Operator ID: TD Instrument ID: GCMS-DM
Sublist: chrom-522_GCMS-DM*sub3
Raw Data: Smoothed
Method: \\ChromFS\Southbend\ChromData\GCMS-DM\20250925-41860.b\522_GCMS-DM.m
Limit Group: MSS - 522
Last Update: 30-Sep-2025 09:45:56 Calib Date: 26-Sep-2025 12:59:32
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250925-41857.b\IC11.D
Column 1 : CP Select 624 MS (0.25 mm) Det: MS Quad
Process Host: CTX1664

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 5 Tetrahydrofuran-d8	46	5.846	5.846	0.000	25	84501	500.0	500.0	
\$ 9 1,4-Dioxane-d8 (Surr)	96	7.952	7.952	0.000	0	66002	500.0	508.0	
11 1,4-Dioxane	88	8.024	8.024	0.000	84	342078	2500.0	2548.6	
10 BFB									

Reagents:

O-522BFBSUB_00029

Amount Added: 1.00

Units: mL

Run Reagent

Eurofins Eaton Analytical South Bend

Data File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250925-41860.b\CCVH1.D

Injection Date: 29-Sep-2025 20:08:51

Instrument ID: GCMS-DM

Lims ID: CCV 810-161845/3-A

Client ID:

Operator ID: TD

ALS Bottle#: 70

Worklist Smp#: 28

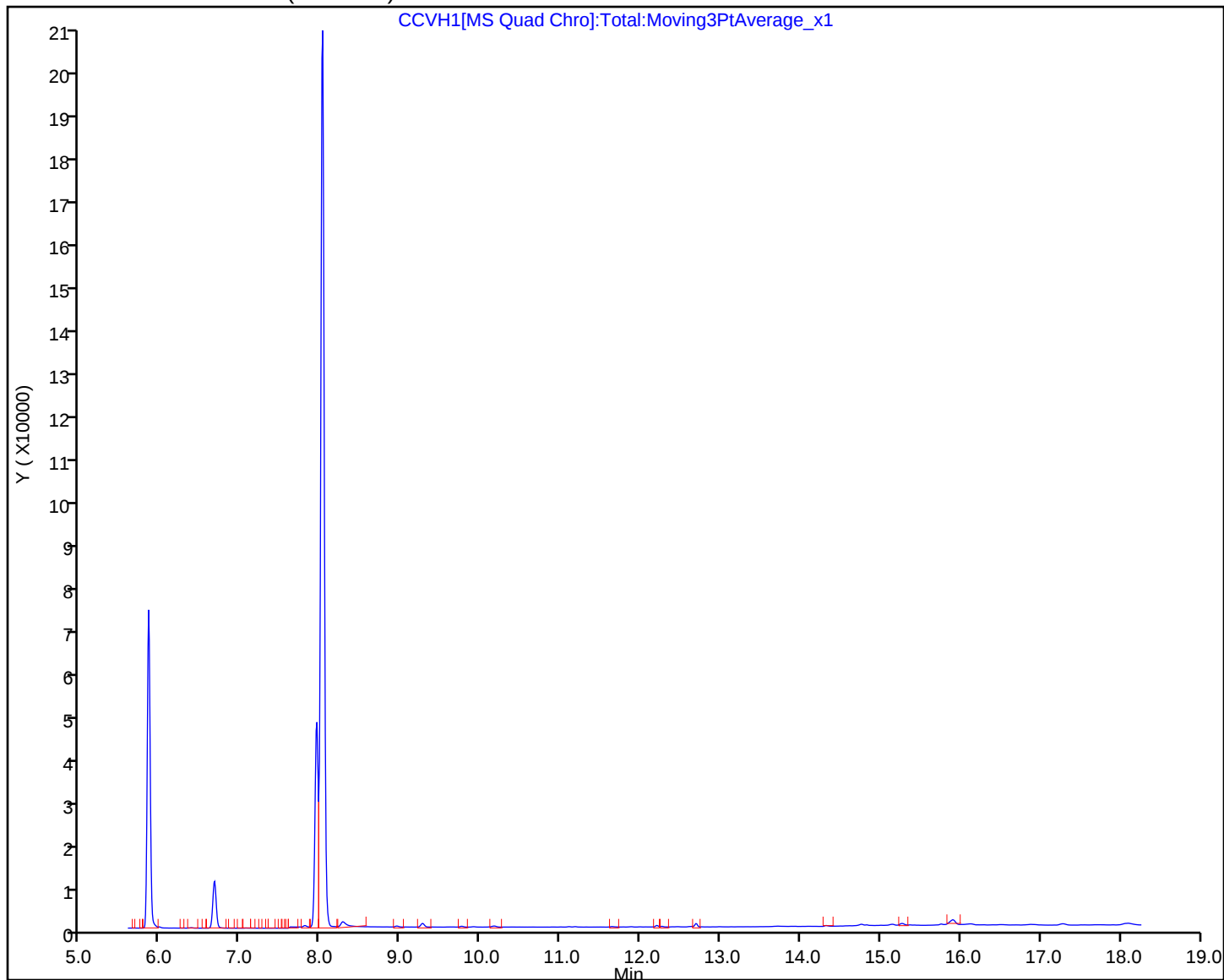
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: 522_GCMS-DM

Limit Group: MSS - 522

Column: CP Select 624 MS (0.25 mm)



FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Eaton Analytical South Bend Job No.: 810-164749-1
SDG No.: _____
Lab Sample ID: ICV 810-161845/15-A Calibration Date: 09/26/2025 20:25
Instrument ID: GCMS-FE Calib Start Date: 09/26/2025 16:05
GC Column: CPSelect 624 MS ID: 0.25 (mm) Calib End Date: 09/26/2025 19:42
Lab File ID: ICV.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%REC	%REC LIMITS
1,4-Dioxane	Lin1		0.7946		274	250	109	80-120
1,4-Dioxane-d8 (Surr)	Ave	0.6809	0.7038		517	500	103	70-130

Eurofins Eaton Analytical South Bend
Target Compound Quantitation Report

Data File: \\ChromFS\Southbend\ChromData\GCMS-FE\20250926-41908.b\ICV.D
 Lims ID: ICV 810-161845/15-A
 Client ID:
 Sample Type: ICV
 Inject. Date: 26-Sep-2025 20:25:48 ALS Bottle#: 14 Worklist Smp#: 14
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 810-0041908-014
 Misc. Info.: ICV 810-161845/15-A
 Operator ID: BC Instrument ID: GCMS-FE
 Sublist:
 Raw Data: Smoothed
 Method: \\ChromFS\Southbend\ChromData\GCMS-FE\20250926-41908.b\522_GCMS-FE.m
 Limit Group: MSS - 522
 Last Update: 29-Sep-2025 08:31:50 Calib Date: 26-Sep-2025 19:42:21
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromFS\Southbend\ChromData\GCMS-FE\20250926-41908.b\IC100.D
 Column 1 : CP Select 624 MS (0.25 mm) Det: MS Quad
 Process Host: CTX1719

First Level Reviewer: JH8B

Date: 29-Sep-2025 08:21:49

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 5 Tetrahydrofuran-d8	46	6.495	6.488	0.007	26	61591	500.0	500.0	
\$ 9 1,4-Dioxane-d8 (Surr)	96	8.642	8.643	-0.001	97	43350	500.0	516.9	
11 1,4-Dioxane	88	8.715	8.715	0.000	84	24471	250.0	273.5	M

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Report Date: 29-Sep-2025 08:31:59

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Eaton Analytical South Bend

Data File: \\ChromFS\Southbend\ChromData\GCMS-FE\20250926-41908.b\ICV.D

Injection Date: 26-Sep-2025 20:25:48

Instrument ID: GCMS-FE

Lims ID: ICV 810-161845/15-A

Client ID:

Operator ID: BC

ALS Bottle#: 14

Worklist Smp#: 14

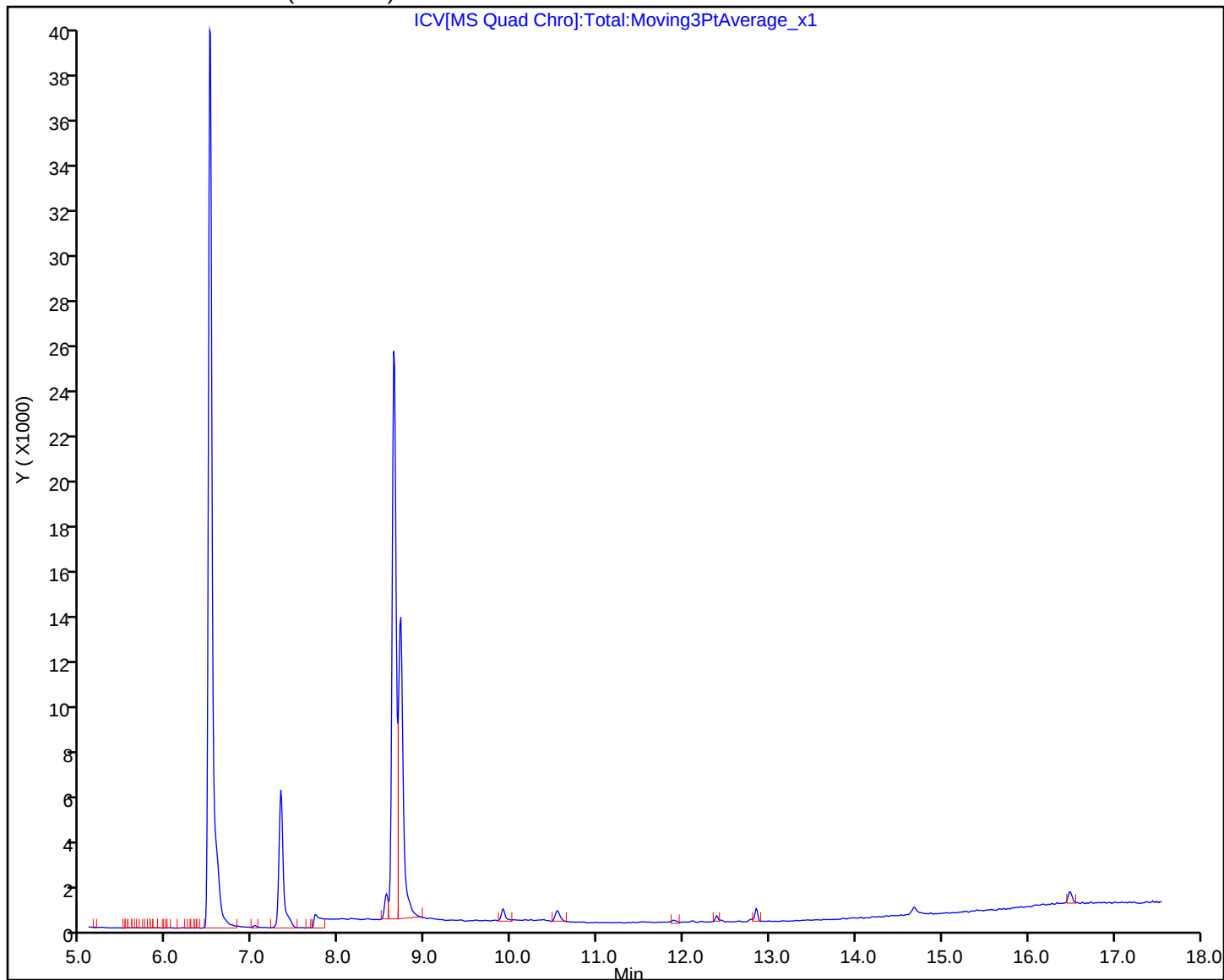
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: 522_GCMS-FE

Limit Group: MSS - 522

Column: CP Select 624 MS (0.25 mm)



Eurofins Eaton Analytical South Bend

Data File: \\ChromFS\Southbend\ChromData\GCMS-FE\20250926-41908.b\ICV.D

Injection Date: 26-Sep-2025 20:25:48

Instrument ID: GCMS-FE

Lims ID: ICV 810-161845/15-A

Client ID:

Operator ID: BC

ALS Bottle#: 14

Worklist Smp#: 14

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: 522_GCMS-FE

Limit Group: MSS - 522

Column: CP Select 624 MS (0.25 mm)

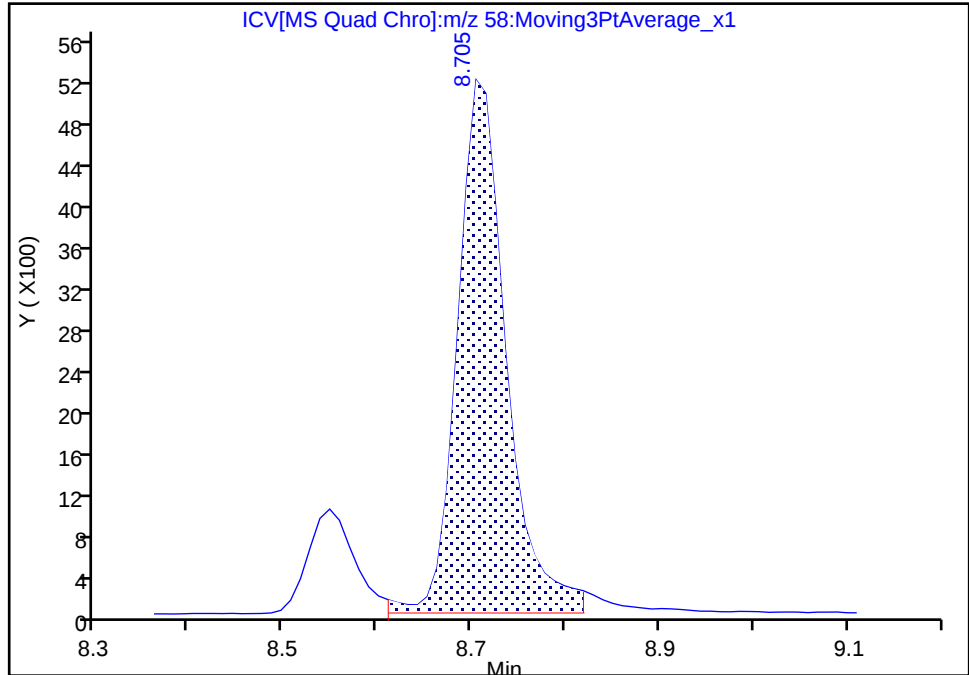
Detector: MS Quad

11 1,4-Dioxane, CAS: 123-91-1

Signal: 2

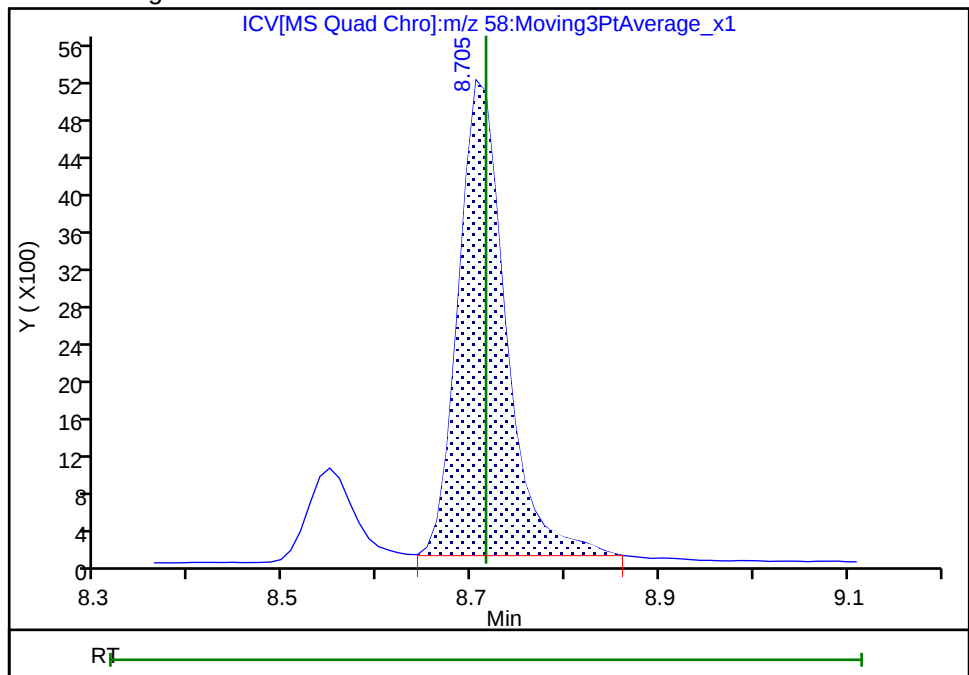
RT: 8.70
Area: 18473
Amount: 265.3139
Amount Units: ug/l

Processing Integration Results



RT: 8.70
Area: 17513
Amount: 273.5496
Amount Units: ug/l

Manual Integration Results



Reviewer: JH8B, 29-Sep-2025 08:21:48 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Baseline

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Eaton Analytical South Bend Job No.: 810-164749-1
SDG No.: _____
Lab Sample ID: CCVLIS 810-162779/1- Calibration Date: 10/01/2025 15:39
Instrument ID: GCMS-FE Calib Start Date: 09/26/2025 16:05
GC Column: CPSelect 624 MS ID: 0.25 (mm) Calib End Date: 09/26/2025 19:42
Lab File ID: CCVL.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%REC	%REC LIMITS
1,4-Dioxane	Lin1		0.8989		5.15	3.50	147	50-150
1,4-Dioxane-d8 (Surr)	Ave	0.6809	0.7890		579	500	116	70-130

Eurofins Eaton Analytical South Bend
Target Compound Quantitation Report

Data File: \\ChromFS\Southbend\ChromData\GCMS-FE\20251001-42086.b\CCVL.D
 Lims ID: CCVLIS 810-162779/1-A
 Client ID:
 Sample Type: CCVLIS
 Inject. Date: 01-Oct-2025 15:39:54 ALS Bottle#: 2 Worklist Smp#: 1
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 810-0042086-001
 Misc. Info.: CCVLIS 810-162779/1-A
 Operator ID: BC Instrument ID: GCMS-FE
 Sublist: chrom-522_GCMS-FE*sub1
 Raw Data: Smoothed
 Method: \\ChromFS\Southbend\ChromData\GCMS-FE\20251001-42086.b\522_GCMS-FE.m
 Limit Group: MSS - 522
 Last Update: 02-Oct-2025 06:42:20 Calib Date: 26-Sep-2025 19:42:21
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromFS\Southbend\ChromData\GCMS-FE\20250926-41908.b\IC100.D
 Column 1 : CP Select 624 MS (0.25 mm) Det: MS Quad
 Process Host: CTX1643

First Level Reviewer: JH8B

Date: 02-Oct-2025 04:48:58

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 5 Tetrahydrofuran-d8	46	6.495	6.488	0.007	26	57372	500.0	500.0	
\$ 9 1,4-Dioxane-d8 (Surr)	96	8.632	8.632	0.000	95	45268	500.0	579.4	
11 1,4-Dioxane	88	8.715	8.705	0.010	76	361	3.50	5.15	M

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Eurofins Eaton Analytical South Bend

Data File: \\ChromFS\Southbend\ChromData\GCMS-FE\20251001-42086.b\CCVL.D

Injection Date: 01-Oct-2025 15:39:54

Instrument ID: GCMS-FE

Lims ID: CCVLIS 810-162779/1-A

Client ID:

Operator ID: BC

ALS Bottle#:

2

Worklist Smp#:

1

Injection Vol: 1.0 ul

Dil. Factor:

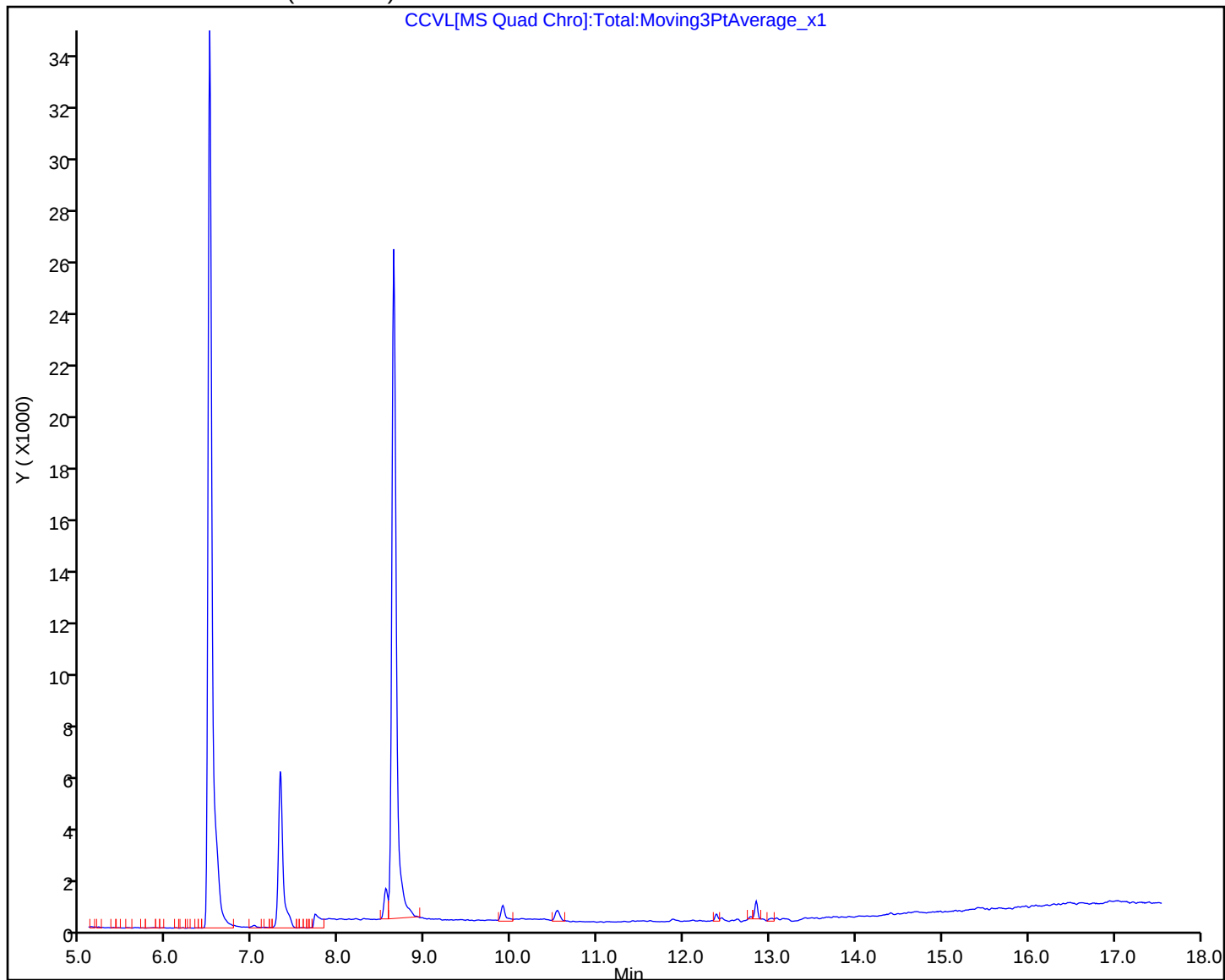
1.0000

Method: 522_GCMS-FE

Limit Group:

MSS - 522

Column: CP Select 624 MS (0.25 mm)



Eurofins Eaton Analytical South Bend

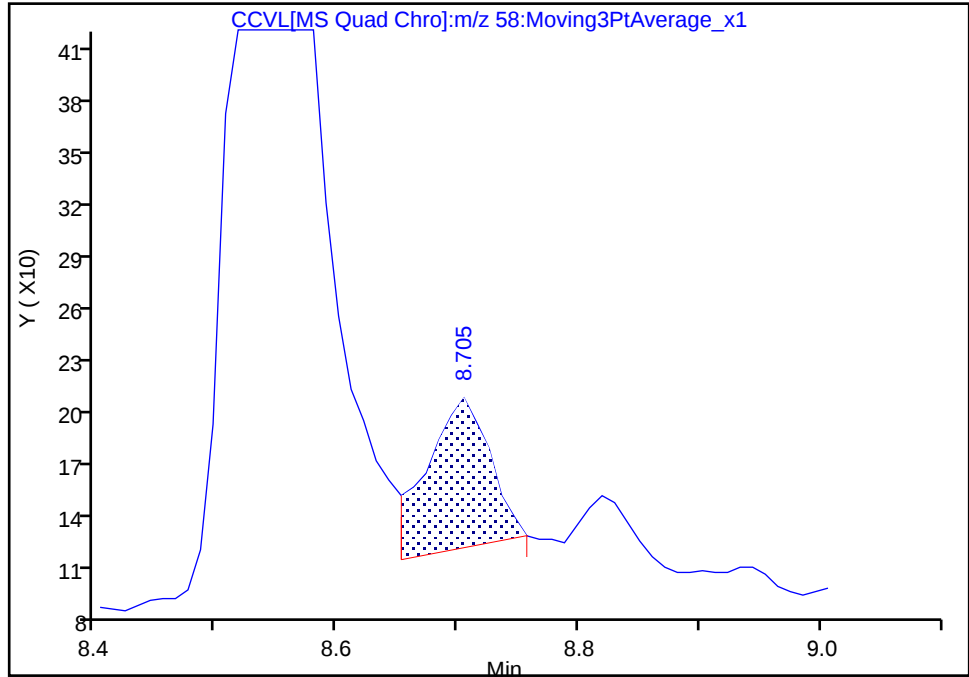
Data File: \\ChromFS\Southbend\ChromData\GCMS-FE\20251001-42086.b\CCVL.D
Injection Date: 01-Oct-2025 15:39:54 Instrument ID: GCMS-FE
Lims ID: CCVLIS 810-162779/1-A
Client ID:
Operator ID: BC ALS Bottle#: 2 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 522_GCMS-FE Limit Group: MSS - 522
Column: CP Select 624 MS (0.25 mm) Detector: MS Quad

11 1,4-Dioxane, CAS: 123-91-1

Signal: 2

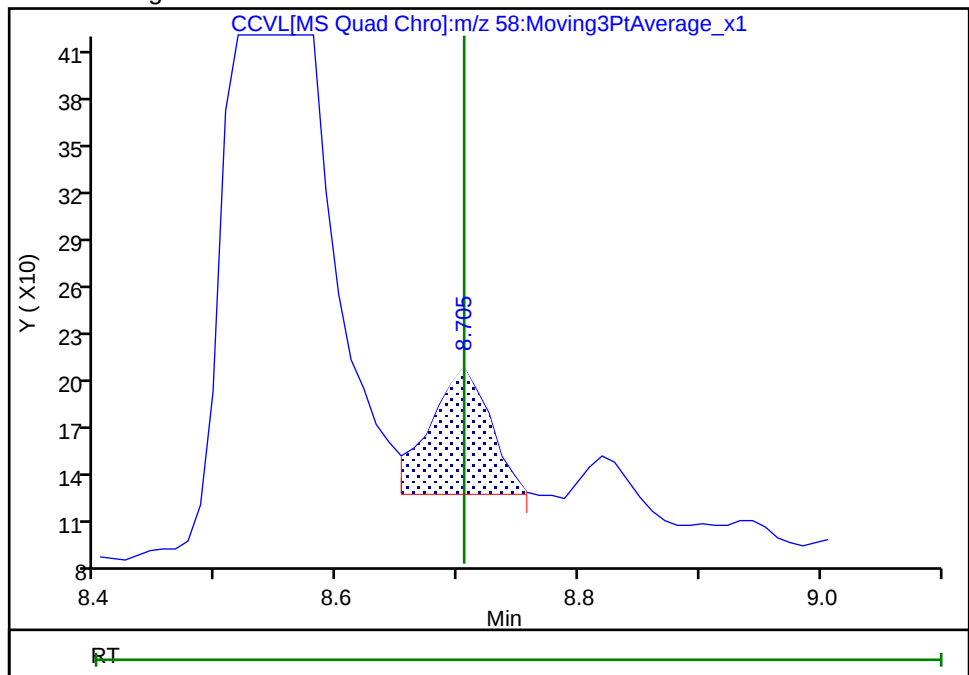
RT: 8.70
Area: 318
Amount: 7.366958
Amount Units: ug/l

Processing Integration Results



RT: 8.70
Area: 284
Amount: 5.153627
Amount Units: ug/l

Manual Integration Results



Reviewer: JH8B, 02-Oct-2025 04:48:56 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Baseline

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Eaton Analytical South Bend Job No.: 810-164749-1
SDG No.: _____
Lab Sample ID: CCVIS 810-162779/3-A Calibration Date: 10/01/2025 20:43
Instrument ID: GCMS-FE Calib Start Date: 09/26/2025 16:05
GC Column: CPSelect 624 MS ID: 0.25 (mm) Calib End Date: 09/26/2025 19:42
Lab File ID: CCVM.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%REC	%REC LIMITS
1,4-Dioxane	Lin1		0.8506		293	250	117	70-130
1,4-Dioxane-d8 (Surr)	Ave	0.6809	0.7391		543	500	109	70-130

Eurofins Eaton Analytical South Bend
Target Compound Quantitation Report

Data File: \\ChromFS\Southbend\ChromData\GCMS-FE\20251001-42086.b\CCVM.D
 Lims ID: CCVIS 810-162779/3-A
 Client ID:
 Sample Type: CCVIS
 Inject. Date: 01-Oct-2025 20:43:04 ALS Bottle#: 15 Worklist Smp#: 14
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 810-0042086-014
 Misc. Info.: CCVIS 810-162779/3-A
 Operator ID: BC Instrument ID: GCMS-FE
 Sublist: chrom-522_GCMS-FE*sub1
 Raw Data: Smoothed
 Method: \\ChromFS\Southbend\ChromData\GCMS-FE\20251001-42086.b\522_GCMS-FE.m
 Limit Group: MSS - 522
 Last Update: 02-Oct-2025 06:42:34 Calib Date: 26-Sep-2025 19:42:21
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromFS\Southbend\ChromData\GCMS-FE\20250926-41908.b\IC100.D
 Column 1 : CP Select 624 MS (0.25 mm) Det: MS Quad
 Process Host: CTX1643

First Level Reviewer: JH8B

Date: 02-Oct-2025 06:39:54

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 5 Tetrahydrofuran-d8	46	6.488	6.488	0.000	26	57708	500.0	500.0	
\$ 9 1,4-Dioxane-d8 (Surr)	96	8.632	8.632	0.000	95	42654	500.0	542.8	
11 1,4-Dioxane	88	8.705	8.705	0.000	84	24543	250.0	292.8	M

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Report Date: 02-Oct-2025 06:42:34

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Eaton Analytical South Bend

Data File: \\ChromFS\Southbend\ChromData\GCMS-FE\20251001-42086.b\CCVM.D

Injection Date: 01-Oct-2025 20:43:04

Instrument ID: GCMS-FE

Lims ID: CCVIS 810-162779/3-A

Client ID:

Operator ID: BC

ALS Bottle#: 15

Worklist Smp#: 14

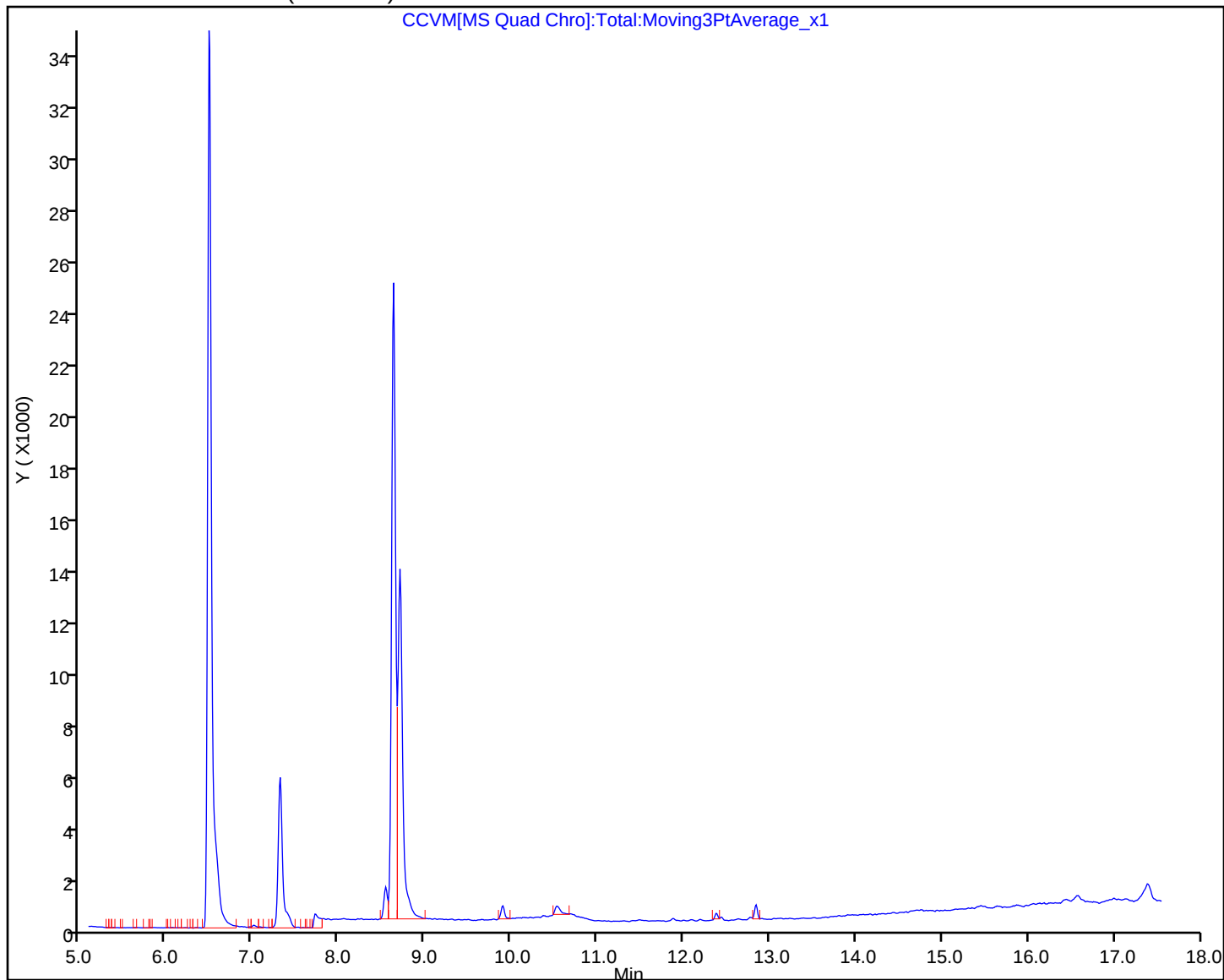
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: 522_GCMS-FE

Limit Group: MSS - 522

Column: CP Select 624 MS (0.25 mm)



Eurofins Eaton Analytical South Bend

Data File: \\ChromFS\Southbend\ChromData\GCMS-FE\20251001-42086.b\CCVM.D

Injection Date: 01-Oct-2025 20:43:04

Instrument ID: GCMS-FE

Lims ID: CCVIS 810-162779/3-A

Client ID:

Operator ID: BC

ALS Bottle#:

15

Worklist Smp#: 14

Injection Vol: 1.0 ul

Dil. Factor:

1.0000

Method: 522_GCMS-FE

Limit Group:

MSS - 522

Column: CP Select 624 MS (0.25 mm)

Detector

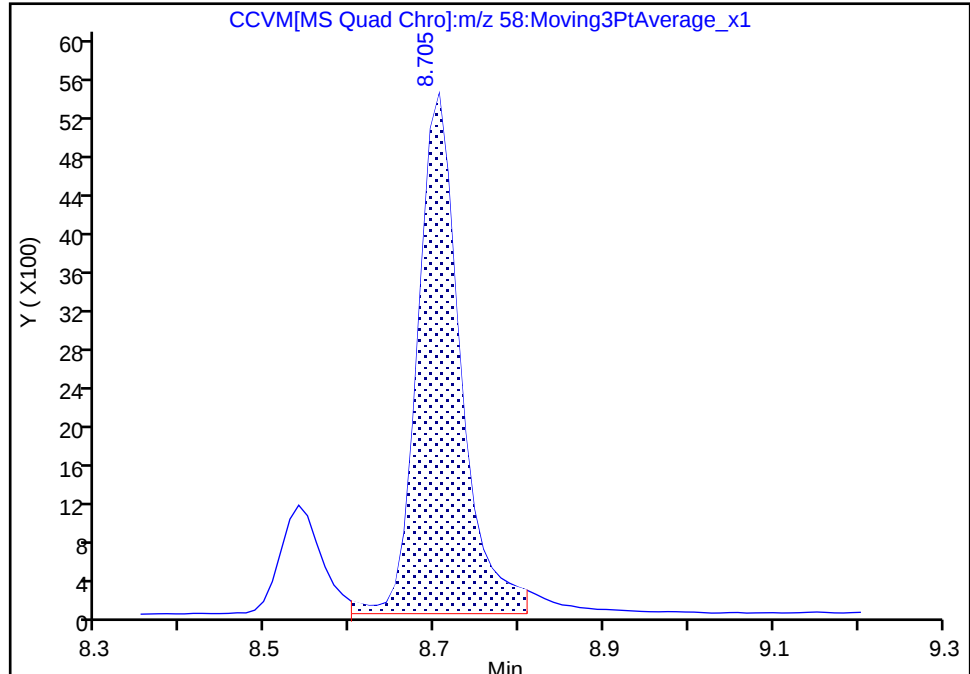
MS Quad

11 1,4-Dioxane, CAS: 123-91-1

Signal: 2

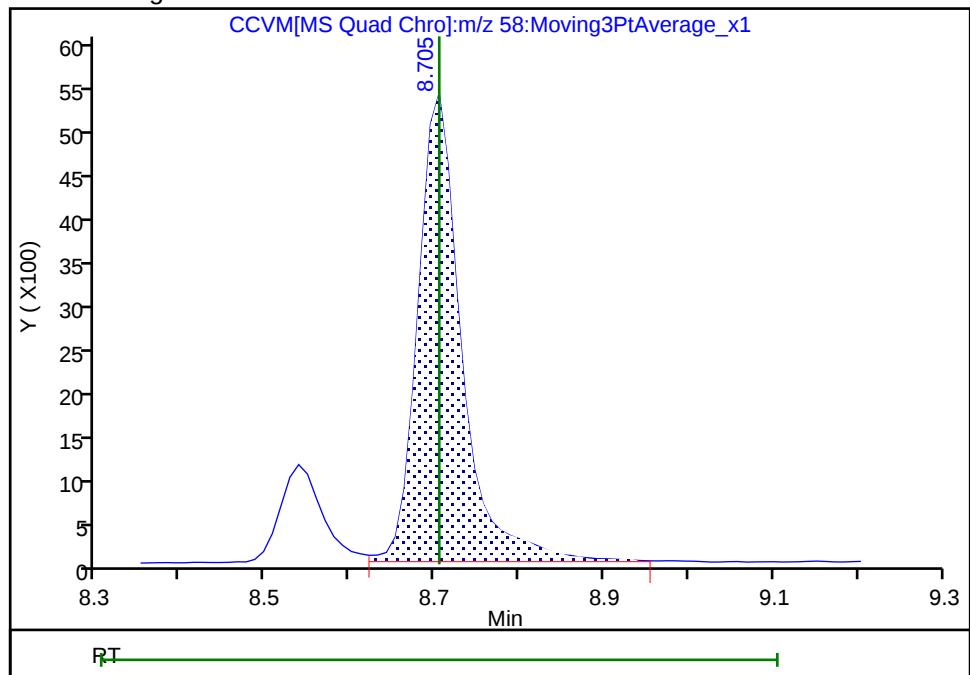
RT: 8.70
Area: 18692
Amount: 294.7783
Amount Units: ug/l

Processing Integration Results



RT: 8.70
Area: 18897
Amount: 292.7562
Amount Units: ug/l

Manual Integration Results



Reviewer: JH8B, 02-Oct-2025 06:39:47 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Baseline

Eurofins Eaton Analytical South Bend

Data File: \\ChromFS\Southbend\ChromData\GCMS-FE\20251001-42086.b\CCVM.D

Injection Date: 01-Oct-2025 20:43:04

Instrument ID: GCMS-FE

Lims ID: CCVIS 810-162779/3-A

Client ID:

Operator ID: BC

ALS Bottle#:

15

Worklist Smp#: 14

Injection Vol: 1.0 ul

Dil. Factor:

1.0000

Method: 522_GCMS-FE

Limit Group:

MSS - 522

Column: CP Select 624 MS (0.25 mm)

Detector

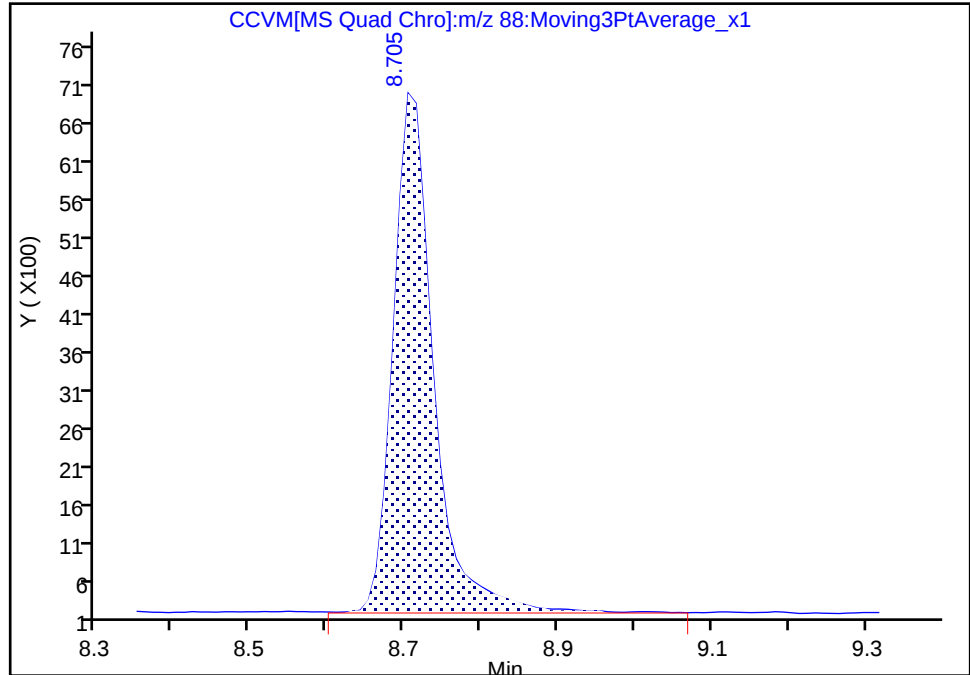
MS Quad

11 1,4-Dioxane, CAS: 123-91-1

Signal: 1

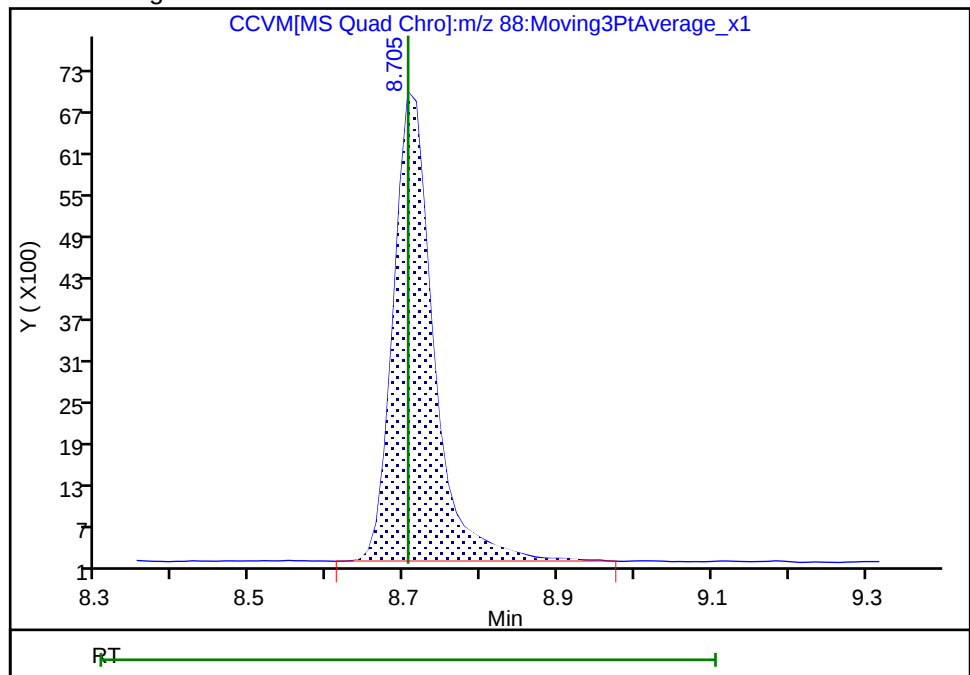
RT: 8.70
Area: 24713
Amount: 294.7783
Amount Units: ug/l

Processing Integration Results



RT: 8.70
Area: 24543
Amount: 292.7562
Amount Units: ug/l

Manual Integration Results



Reviewer: JH8B, 02-Oct-2025 06:39:53 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Baseline

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Eaton Analytical South Bend Job No.: 810-164749-1
SDG No.: _____
Lab Sample ID: CCV 810-162779/5-A Calibration Date: 10/02/2025 01:24
Instrument ID: GCMS-FE Calib Start Date: 09/26/2025 16:05
GC Column: CPSelect 624 MS ID: 0.25 (mm) Calib End Date: 09/26/2025 19:42
Lab File ID: CCVH.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%REC	%REC LIMITS
1,4-Dioxane	Lin1		0.8367		2870	2500	115	70-130
1,4-Dioxane-d8 (Surr)	Ave	0.6809	0.7700		565	500	113	70-130

Eurofins Eaton Analytical South Bend
Target Compound Quantitation Report

Data File: \\ChromFS\Southbend\ChromData\GCMS-FE\20251001-42086.b\CCVH.D
Lims ID: CCV 810-162779/5-A
Client ID:
Sample Type: CCV
Inject. Date: 02-Oct-2025 01:24:23 ALS Bottle#: 28 Worklist Smp#: 27
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 810-0042086-027
Misc. Info.: CCV 810-162779/5-A
Operator ID: BC Instrument ID: GCMS-FE
Sublist: chrom-522_GCMS-FE*sub1
Raw Data: Smoothed
Method: \\ChromFS\Southbend\ChromData\GCMS-FE\20251001-42086.b\522_GCMS-FE.m
Limit Group: MSS - 522
Last Update: 02-Oct-2025 06:42:43 Calib Date: 26-Sep-2025 19:42:21
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromFS\Southbend\ChromData\GCMS-FE\20250926-41908.b\IC100.D
Column 1 : CP Select 624 MS (0.25 mm) Det: MS Quad
Process Host: CTX1643

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 5 Tetrahydrofuran-d8	46	6.488	6.488	0.000	26	57968	500.0	500.0	
\$ 9 1,4-Dioxane-d8 (Surr)	96	8.632	8.632	0.000	96	44636	500.0	565.5	
11 1,4-Dioxane	88	8.705	8.705	0.000	84	242512	2500.0	2872.4	

Report Date: 02-Oct-2025 06:42:43

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Eaton Analytical South Bend

Data File: \\ChromFS\Southbend\ChromData\GCMS-FE\20251001-42086.b\CCVH.D

Injection Date: 02-Oct-2025 01:24:23

Instrument ID: GCMS-FE

Lims ID: CCV 810-162779/5-A

Client ID:

Operator ID: BC

ALS Bottle#: 28

Worklist Smp#: 27

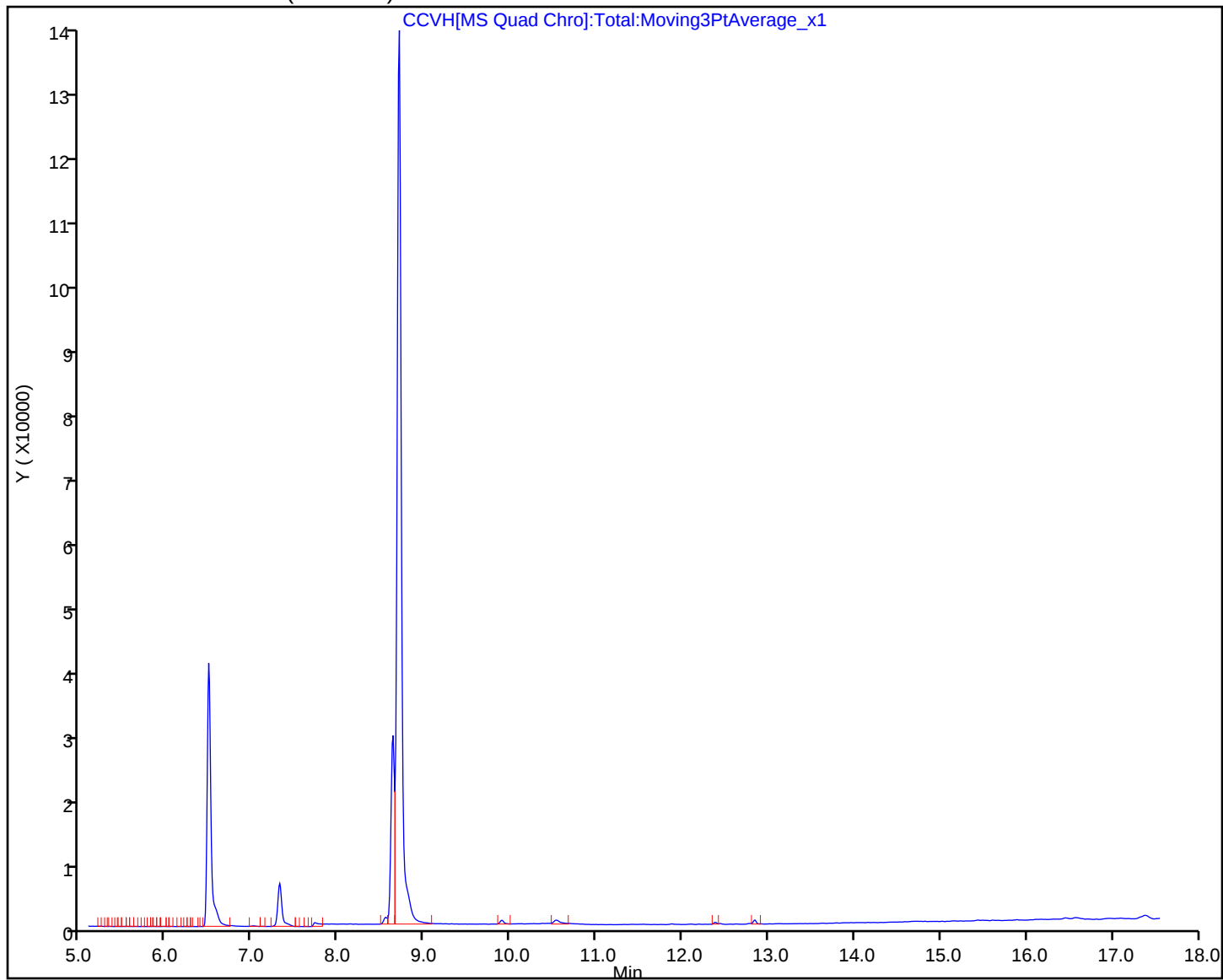
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: 522_GCMS-FE

Limit Group: MSS - 522

Column: CP Select 624 MS (0.25 mm)



FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Eaton Analytical South Bend Job No.: 810-164749-1
SDG No.: _____
Lab Sample ID: CCVIS 810-162779/3-A Calibration Date: 10/02/2025 03:34
Instrument ID: GCMS-FE Calib Start Date: 09/26/2025 16:05
GC Column: CPSelect 624 MS ID: 0.25 (mm) Calib End Date: 09/26/2025 19:42
Lab File ID: CCVM1.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%REC	%REC LIMITS
1,4-Dioxane	Lin1		0.8575		295	250	118	70-130
1,4-Dioxane-d8 (Surr)	Ave	0.6809	0.7472		549	500	110	70-130

Eurofins Eaton Analytical South Bend
Target Compound Quantitation Report

Data File: \\ChromFS\Southbend\ChromData\GCMS-FE\20251001-42086.b\CCVM1.D
Lims ID: CCVIS 810-162779/3-A
Client ID:
Sample Type: CCVIS
Inject. Date: 02-Oct-2025 03:34:10 ALS Bottle#: 15 Worklist Smp#: 33
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 810-0042086-033
Misc. Info.: CCVIS 810-162779/3-A
Operator ID: BC Instrument ID: GCMS-FE
Sublist: chrom-522_GCMS-FE*sub1
Raw Data: Smoothed
Method: \\ChromFS\Southbend\ChromData\GCMS-FE\20251001-42086.b\522_GCMS-FE.m
Limit Group: MSS - 522
Last Update: 02-Oct-2025 06:42:59 Calib Date: 26-Sep-2025 19:42:21
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromFS\Southbend\ChromData\GCMS-FE\20250926-41908.b\IC100.D
Column 1 : CP Select 624 MS (0.25 mm) Det: MS Quad
Process Host: CTX1643

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 5 Tetrahydrofuran-d8	46	6.488	6.488	0.000	26	60212	500.0	500.0	
\$ 9 1,4-Dioxane-d8 (Surr)	96	8.632	8.632	0.000	96	44988	500.0	548.7	
11 1,4-Dioxane	88	8.705	8.705	0.000	84	25817	250.0	295.1	

Report Date: 02-Oct-2025 06:42:59

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Eaton Analytical South Bend

Data File: \\ChromFS\Southbend\ChromData\GCMS-FE\20251001-42086.b\CCVM1.D

Injection Date: 02-Oct-2025 03:34:10

Instrument ID: GCMS-FE

Lims ID: CCVIS 810-162779/3-A

Client ID:

Operator ID: BC

ALS Bottle#: 15

Worklist Smp#: 33

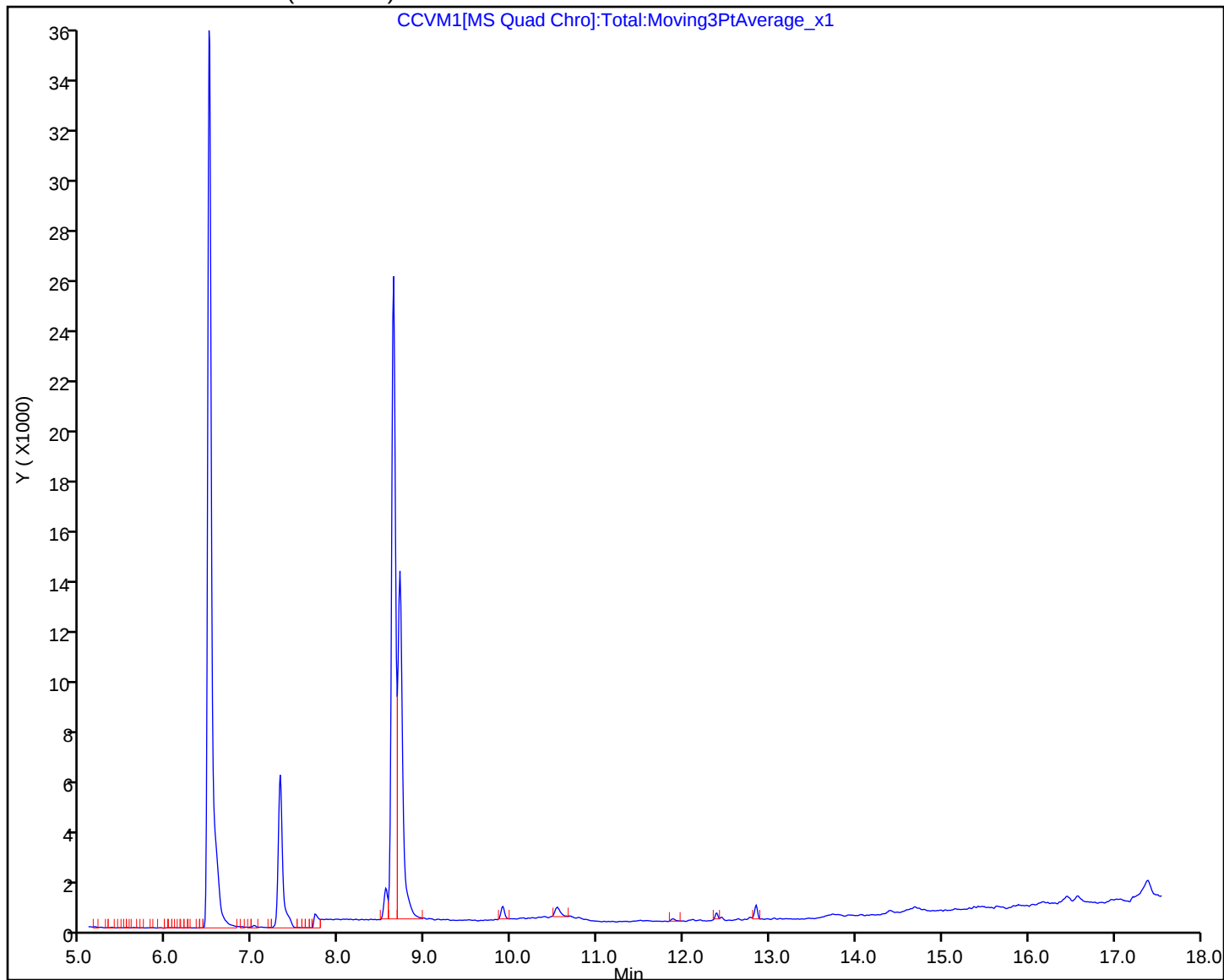
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: 522_GCMS-FE

Limit Group: MSS - 522

Column: CP Select 624 MS (0.25 mm)



FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Eaton Analytical South Bend Job No.: 810-164749-1
SDG No.: _____
Lab Sample ID: CCVLIS 810-163017/1- Calibration Date: 10/02/2025 16:54
Instrument ID: GCMS-FE Calib Start Date: 09/26/2025 16:05
GC Column: CPSelect 624 MS ID: 0.25 (mm) Calib End Date: 09/26/2025 19:42
Lab File ID: CCVL.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%REC	%REC LIMITS
1,4-Dioxane	Lin1		0.8160		4.76	3.50	136	50-150
1,4-Dioxane-d8 (Surr)	Ave	0.6809	0.6976		512	500	102	70-130

Eurofins Eaton Analytical South Bend
Target Compound Quantitation Report

Data File: \\ChromFS\Southbend\ChromData\GCMS-FE\20251002-42135.b\CCVL.D
 Lims ID: CCVLIS 810-163017/1-A
 Client ID:
 Sample Type: CCVLIS
 Inject. Date: 02-Oct-2025 16:54:56 ALS Bottle#: 2 Worklist Smp#: 1
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 810-0042135-001
 Misc. Info.: CCVLIS 810-163017/1-A
 Operator ID: BC Instrument ID: GCMS-FE
 Sublist: chrom-522_GCMS-FE*sub1
 Raw Data: Smoothed
 Method: \\ChromFS\Southbend\ChromData\GCMS-FE\20251002-42135.b\522_GCMS-FE.m
 Limit Group: MSS - 522
 Last Update: 03-Oct-2025 10:58:50 Calib Date: 26-Sep-2025 19:42:21
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromFS\Southbend\ChromData\GCMS-FE\20250926-41908.b\IC100.D
 Column 1 : CP Select 624 MS (0.25 mm) Det: MS Quad
 Process Host: CTX1653

First Level Reviewer: JH8B

Date: 03-Oct-2025 07:17:59

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 5 Tetrahydrofuran-d8	46	6.488	6.488	0.000	26	57947	500.0	500.0	
\$ 9 1,4-Dioxane-d8 (Surr)	96	8.632	8.632	0.000	95	40423	500.0	512.3	
11 1,4-Dioxane	88	8.715	8.705	0.010	81	331	3.50	4.76	M

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Eurofins Eaton Analytical South Bend

Data File: \\ChromFS\Southbend\ChromData\GCMS-FE\20251002-42135.b\CCVL.D

Injection Date: 02-Oct-2025 16:54:56

Instrument ID: GCMS-FE

Lims ID: CCVLIS 810-163017/1-A

Client ID:

Operator ID: BC

ALS Bottle#:

2

Worklist Smp#:

1

Injection Vol: 1.0 ul

Dil. Factor:

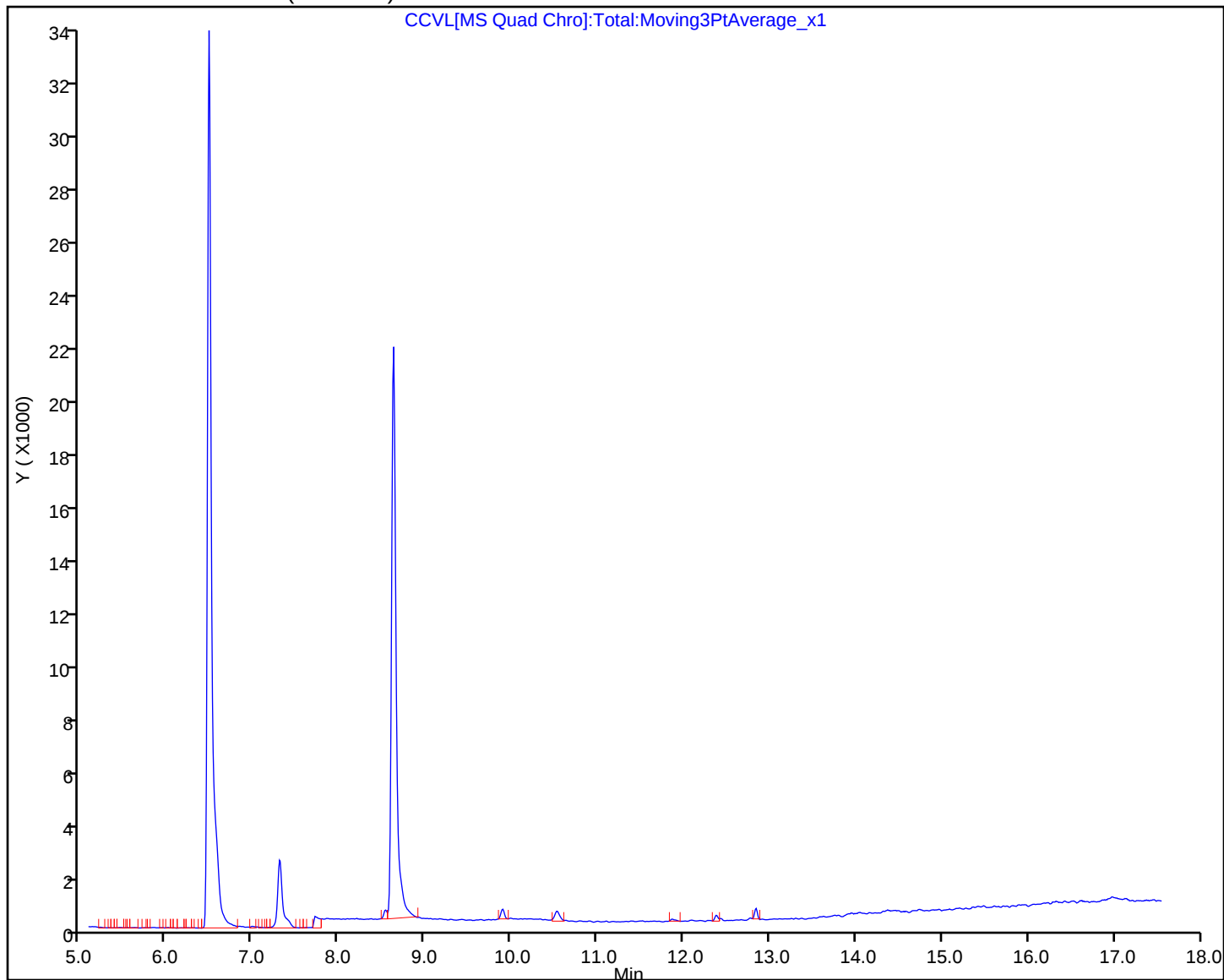
1.0000

Method: 522_GCMS-FE

Limit Group:

MSS - 522

Column: CP Select 624 MS (0.25 mm)



Eurofins Eaton Analytical South Bend

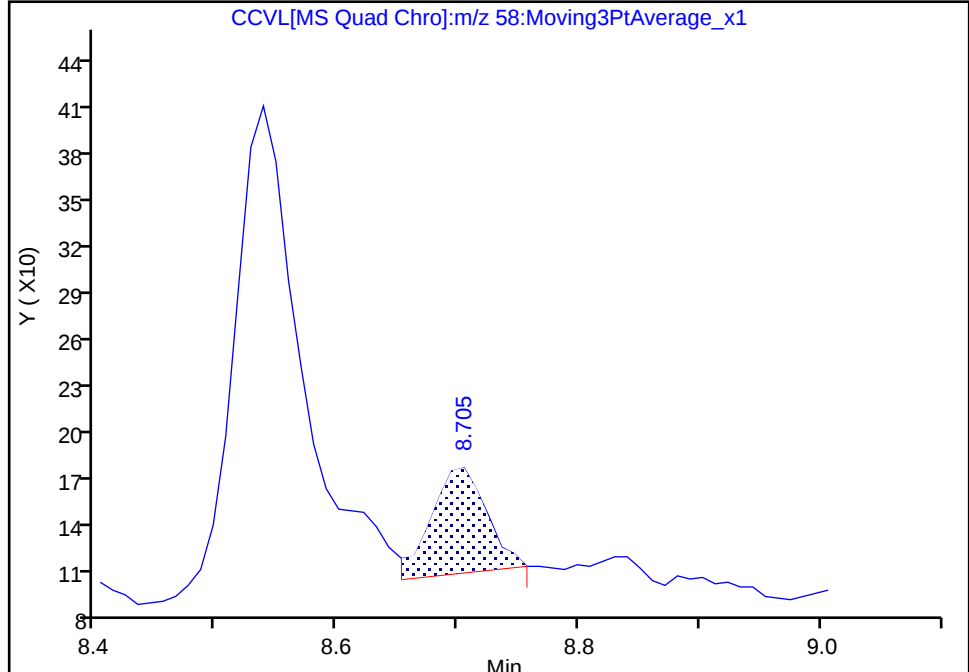
Data File: \\ChromFS\Southbend\ChromData\GCMS-FE\20251002-42135.b\CCVL.D
Injection Date: 02-Oct-2025 16:54:56 Instrument ID: GCMS-FE
Lims ID: CCVLIS 810-163017/1-A
Client ID:
Operator ID: BC ALS Bottle#: 2 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 522_GCMS-FE Limit Group: MSS - 522
Column: CP Select 624 MS (0.25 mm) Detector MS Quad

11 1,4-Dioxane, CAS: 123-91-1

Signal: 2

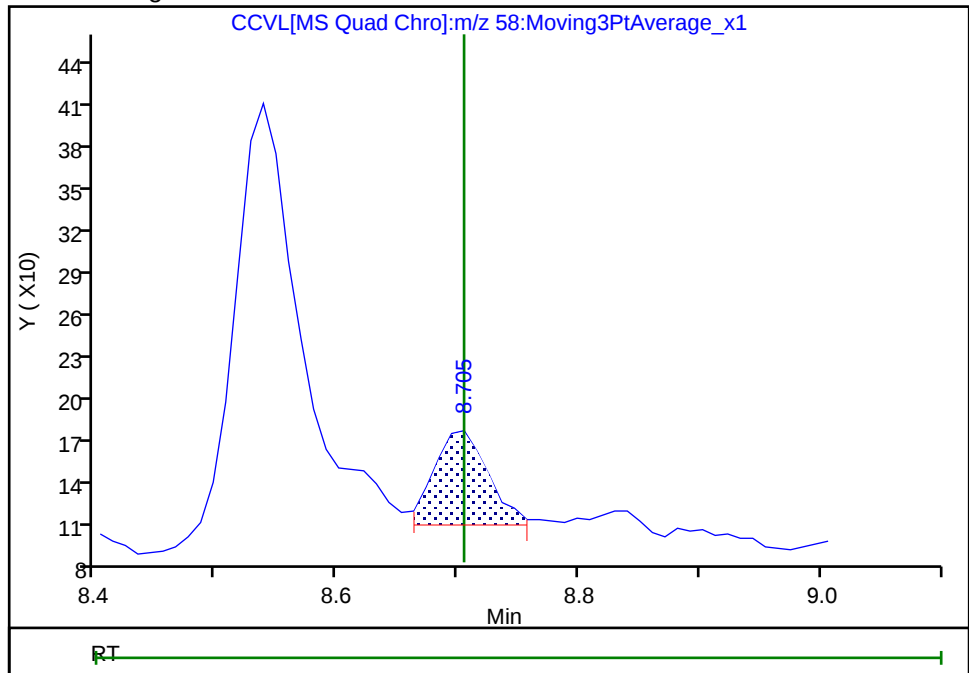
RT: 8.70
Area: 213
Amount: 7.491662
Amount Units: ug/l

Processing Integration Results



RT: 8.70
Area: 205
Amount: 4.755413
Amount Units: ug/l

Manual Integration Results



Reviewer: JH8B, 03-Oct-2025 07:17:46 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Baseline

Eurofins Eaton Analytical South Bend

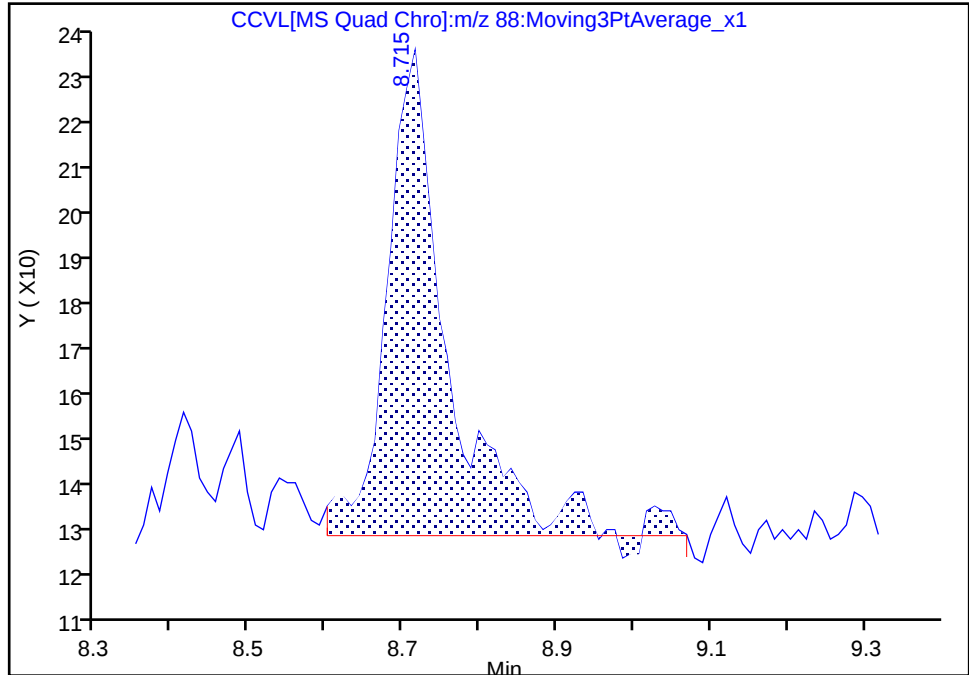
Data File: \\ChromFS\Southbend\ChromData\GCMS-FE\20251002-42135.b\CCVL.D
Injection Date: 02-Oct-2025 16:54:56 Instrument ID: GCMS-FE
Lims ID: CCVLIS 810-163017/1-A
Client ID:
Operator ID: BC ALS Bottle#: 2 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 522_GCMS-FE Limit Group: MSS - 522
Column: CP Select 624 MS (0.25 mm) Detector MS Quad

11 1,4-Dioxane, CAS: 123-91-1

Signal: 1

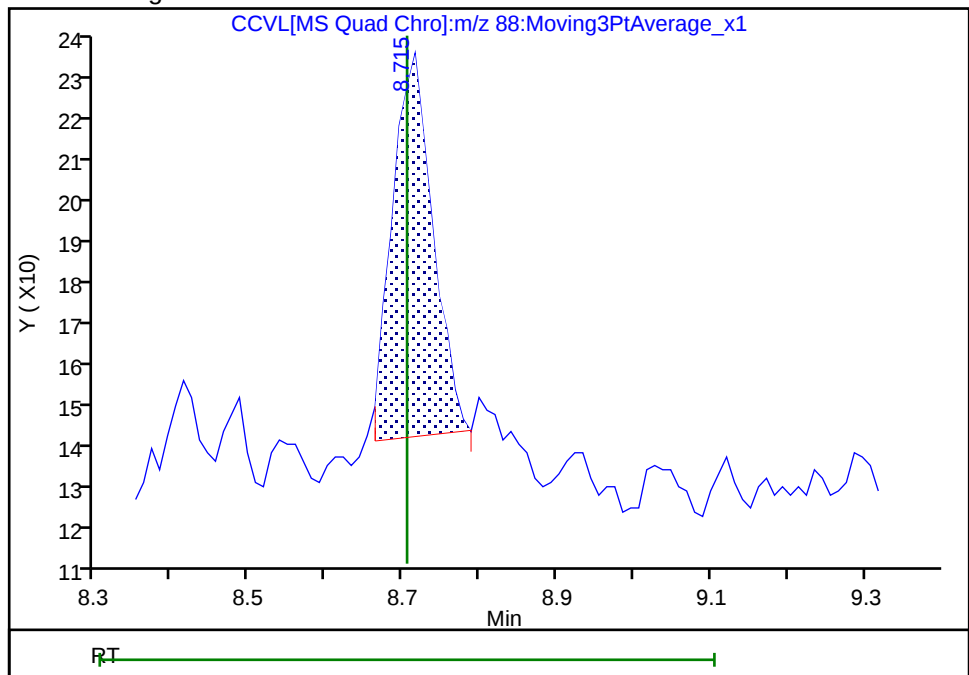
RT: 8.72
Area: 562
Amount: 7.491662
Amount Units: ug/l

Processing Integration Results



RT: 8.72
Area: 331
Amount: 4.755413
Amount Units: ug/l

Manual Integration Results



Reviewer: JH8B, 03-Oct-2025 09:50:29 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Baseline

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Eaton Analytical South Bend Job No.: 810-164749-1
SDG No.: _____
Lab Sample ID: CCVIS 810-163017/2-A Calibration Date: 10/02/2025 21:37
Instrument ID: GCMS-FE Calib Start Date: 09/26/2025 16:05
GC Column: CPSelect 624 MS ID: 0.25 (mm) Calib End Date: 09/26/2025 19:42
Lab File ID: CCVM.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%REC	%REC LIMITS
1,4-Dioxane	Lin1		0.7117		245	250	98	70-130
1,4-Dioxane-d8 (Surr)	Ave	0.6809	0.6980		513	500	103	70-130

Eurofins Eaton Analytical South Bend
Target Compound Quantitation Report

Data File: \\ChromFS\Southbend\ChromData\GCMS-FE\20251002-42135.b\CCVM.D
Lims ID: CCVIS 810-163017/2-A
Client ID:
Sample Type: CCVIS
Inject. Date: 02-Oct-2025 21:37:13 ALS Bottle#: 14 Worklist Smp#: 13
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 810-0042135-013
Misc. Info.: CCVIS 810-163017/2-A
Operator ID: BC Instrument ID: GCMS-FE
Sublist: chrom-522_GCMS-FE*sub1
Raw Data: Smoothed
Method: \\ChromFS\Southbend\ChromData\GCMS-FE\20251002-42135.b\522_GCMS-FE.m
Limit Group: MSS - 522
Last Update: 03-Oct-2025 10:59:46 Calib Date: 26-Sep-2025 19:42:21
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromFS\Southbend\ChromData\GCMS-FE\20250926-41908.b\IC100.D
Column 1 : CP Select 624 MS (0.25 mm) Det: MS Quad
Process Host: CTX1653

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 5 Tetrahydrofuran-d8	46	6.488	6.488	0.000	26	60174	500.0	500.0	
\$ 9 1,4-Dioxane-d8 (Surr)	96	8.632	8.632	0.000	96	41999	500.0	512.5	
11 1,4-Dioxane	88	8.705	8.705	0.000	84	21414	250.0	245.1	

Eurofins Eaton Analytical South Bend

Data File: \\ChromFS\Southbend\ChromData\GCMS-FE\20251002-42135.b\CCVM.D

Injection Date: 02-Oct-2025 21:37:13

Instrument ID: GCMS-FE

Lims ID: CCVIS 810-163017/2-A

Client ID:

Operator ID: BC

ALS Bottle#: 14

Worklist Smp#: 13

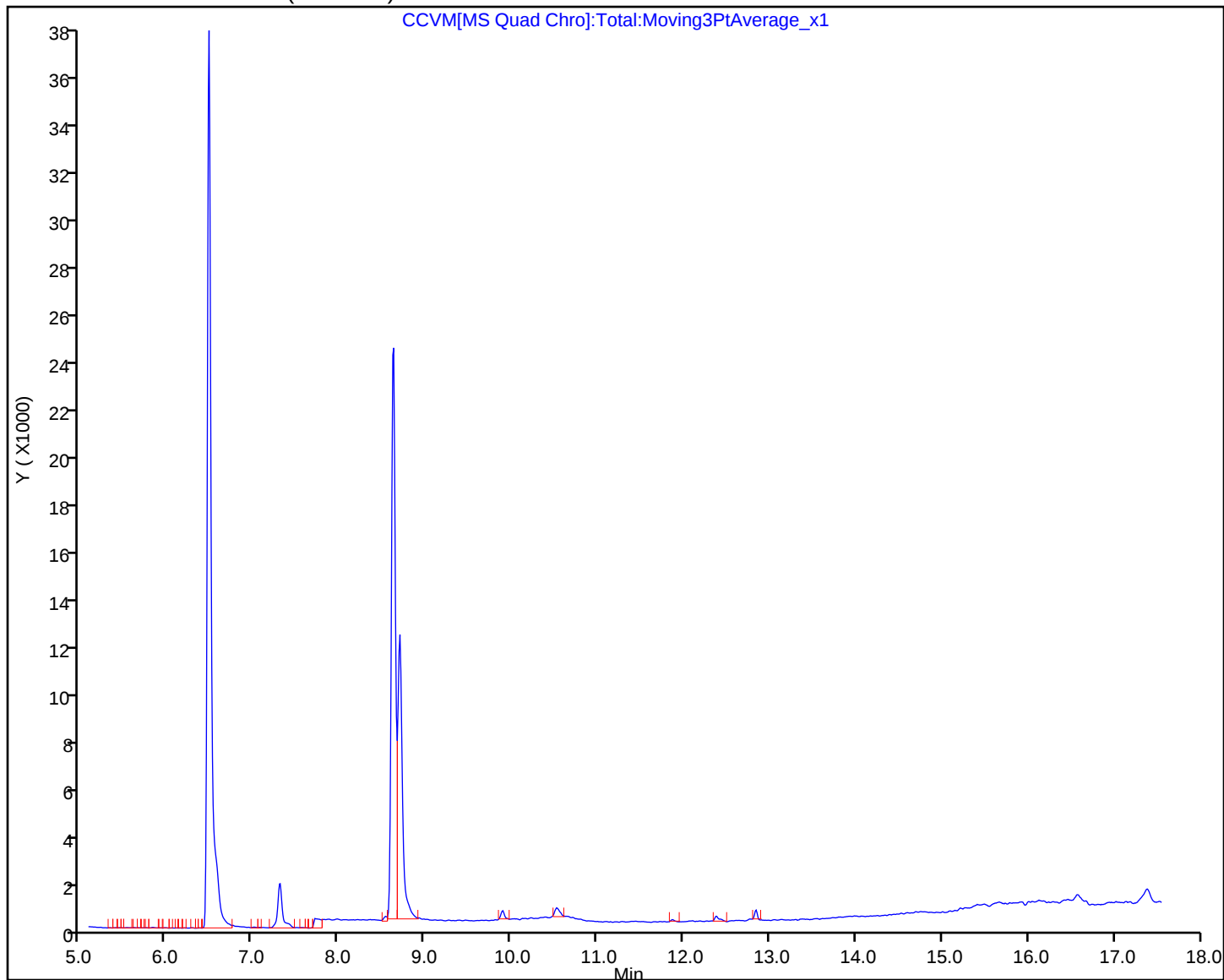
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: 522_GCMS-FE

Limit Group: MSS - 522

Column: CP Select 624 MS (0.25 mm)



FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Eaton Analytical South Bend Job No.: 810-164749-1
SDG No.: _____
Lab Sample ID: CCV 810-163017/3-A Calibration Date: 10/03/2025 02:18
Instrument ID: GCMS-FE Calib Start Date: 09/26/2025 16:05
GC Column: CPSelect 624 MS ID: 0.25 (mm) Calib End Date: 09/26/2025 19:42
Lab File ID: CCVH.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%REC	%REC LIMITS
1,4-Dioxane	Lin1		0.7733		2650	2500	106	70-130
1,4-Dioxane-d8 (Surr)	Ave	0.6809	0.7366		541	500	108	70-130

Eurofins Eaton Analytical South Bend
Target Compound Quantitation Report

Data File: \\ChromFS\Southbend\ChromData\GCMS-FE\20251002-42135.b\CCVH.D
Lims ID: CCV 810-163017/3-A
Client ID:
Sample Type: CCV
Inject. Date: 03-Oct-2025 02:18:38 ALS Bottle#: 27 Worklist Smp#: 26
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 810-0042135-026
Misc. Info.: CCV 810-163017/3-A
Operator ID: BC Instrument ID: GCMS-FE
Sublist: chrom-522_GCMS-FE*sub1
Raw Data: Smoothed
Method: \\ChromFS\Southbend\ChromData\GCMS-FE\20251002-42135.b\522_GCMS-FE.m
Limit Group: MSS - 522
Last Update: 03-Oct-2025 11:00:03 Calib Date: 26-Sep-2025 19:42:21
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromFS\Southbend\ChromData\GCMS-FE\20250926-41908.b\IC100.D
Column 1 : CP Select 624 MS (0.25 mm) Det: MS Quad
Process Host: CTX1653

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 5 Tetrahydrofuran-d8	46	6.488	6.488	0.000	26	60014	500.0	500.0	
\$ 9 1,4-Dioxane-d8 (Surr)	96	8.632	8.632	0.000	97	44209	500.0	540.9	
11 1,4-Dioxane	88	8.705	8.705	0.000	84	232037	2500.0	2654.7	

Report Date: 03-Oct-2025 11:00:03

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Eaton Analytical South Bend

Data File: \\ChromFS\Southbend\ChromData\GCMS-FE\20251002-42135.b\CCVH.D

Injection Date: 03-Oct-2025 02:18:38

Instrument ID: GCMS-FE

Lims ID: CCV 810-163017/3-A

Client ID:

Operator ID: BC

ALS Bottle#: 27

Worklist Smp#: 26

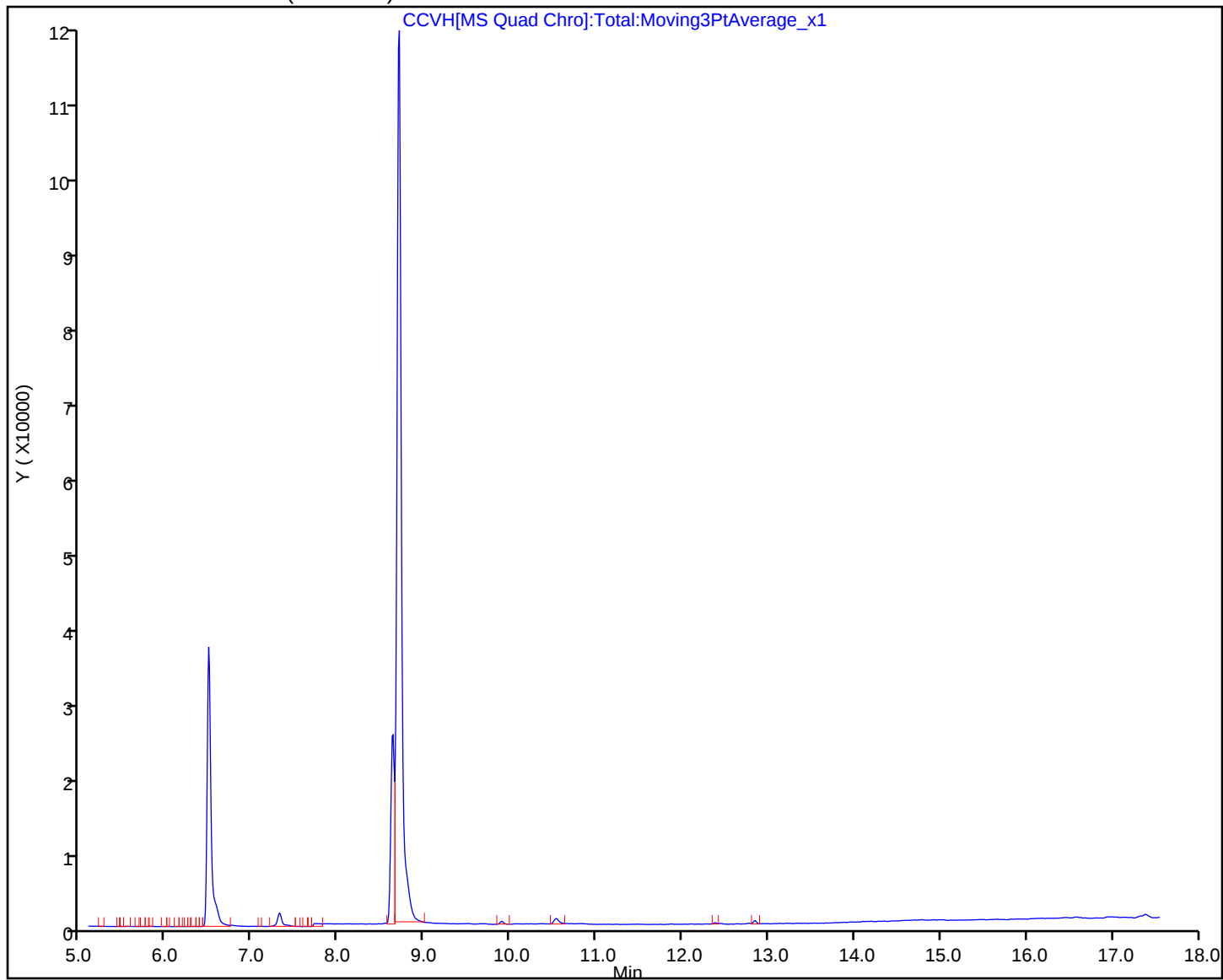
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: 522_GCMS-FE

Limit Group: MSS - 522

Column: CP Select 624 MS (0.25 mm)



Eurofins Eaton Analytical South Bend
Target Compound Quantitation Report

Data File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250910-41284.b\BFB .D
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 11-Sep-2025 10:13:57 ALS Bottle#: 2 Worklist Smp#: 1
Injection Vol: 2.0 mL Dil. Factor: 1.0000
Sample Info: 810-0041284-001
Misc. Info.: BFB
Operator ID: TD Instrument ID: GCMS-DM
Raw Data: Smoothed

Method: \\ChromFS\Southbend\ChromData\GCMS-DM\20250910-41284.b\522_GCMS-DM.m
Limit Group: MSS - 522
Last Update: 16-Sep-2025 09:31:21 Calib Date: 11-Sep-2025 14:54:49
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250910-41284.b\100.D

Column 1 : CP Select 624 MS (0.25 mm) Det: MS Quad
Process Host: CTX1722

First Level Reviewer: JH8B

Date: 11-Sep-2025 12:42:22

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
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10 BFB

QC Flag Legend

Processing Flags

Reagents:

O-522BFBSUB_00027

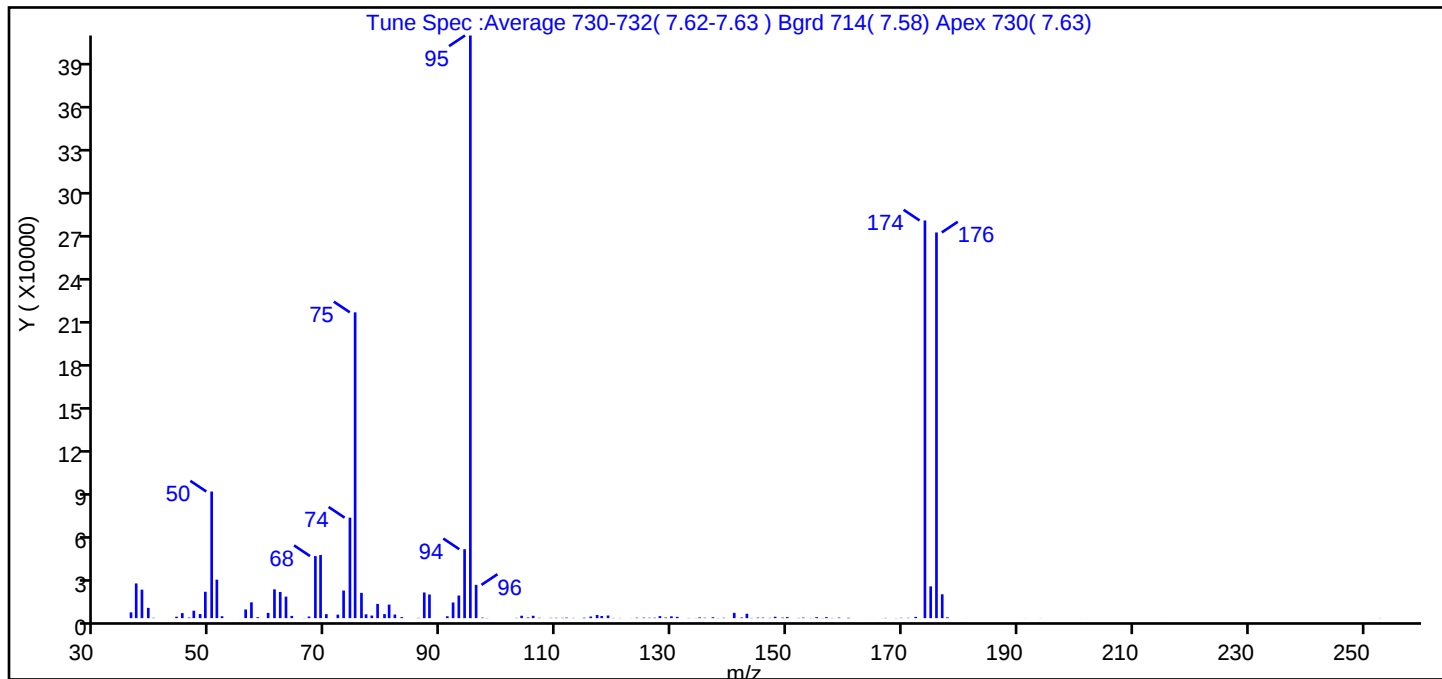
Amount Added: 1.00

Units: mL

Eurofins Eaton Analytical South Bend

Data File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250910-41284.b\BFB.D
Injection Date: 11-Sep-2025 10:13:57 Instrument ID: GCMS-DM
Lims ID: BFB
Client ID:
Operator ID: TD ALS Bottle#: 2 Worklist Smp#: 1
Injection Vol: 2.0 mL Dil. Factor: 1.0000
Method: 522_GCMS-DM Limit Group: MSS - 522
Tune Method: BFB Method 524

10 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base Peak, 100% Relative Abundance	100.0
50	15-40% of mass 95	21.7
75	30-80% of mass 95	52.5
96	5-9% of mass 95	5.7
173	<2% of mass 174	0.0 (0.0)
174	>50% of mass 95	68.3
175	5-9% of mass 174	5.5 (8.0)
176	>95% but <101% of mass 174	66.2 (97.0)
177	5-9% of mass 176	4.1 (6.2)

Data File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250910-41284.b\BFB.D\522_GCMS-DM.rslt\spectra.d
Injection Date: 11-Sep-2025 10:13:57
Spectrum: Tune Spec :Average 730-732(7.62-7.63) Bgrd 714(7.58) Apex 730(7.63)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 128

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	4013	76.00	17576	116.00	1113	152.00	3
37.00	24136	77.00	2665	117.00	2195	152.00	166
38.00	19800	78.00	1795	118.00	1467	153.00	384
39.00	7138	79.00	9893	119.00	1836	154.00	149
40.00	233	80.00	2807	120.00	165	155.00	699
44.00	992	81.00	9434	121.00	121	156.00	92
45.00	3516	82.00	2521	123.00	51	157.00	675
46.00	371	83.00	741	124.00	322	158.00	151
47.00	5171	86.00	210	125.00	365	159.00	398
48.00	2848	87.00	17832	126.00	280	161.00	199
49.00	18344	88.00	16448	127.00	308	161.00	167
50.00	88048	91.00	1302	128.00	1403	165.00	36
51.00	26752	92.00	10895	129.00	432	166.00	74
52.00	1330	93.00	15738	130.00	1256	167.00	187
55.00	27	94.00	47952	131.00	912	169.00	96
56.00	6018	95.00	405184	133.00	140	170.00	225
57.00	11021	96.00	23128	134.00	93	171.00	226
58.00	672	97.00	370	135.00	524	172.00	876
60.00	3651	98.00	150	136.00	278	174.00	276544
61.00	20032	103.00	186	137.00	632	175.00	22096
62.00	18200	104.00	1670	138.00	136	176.00	268224
63.00	14961	105.00	463	139.00	266	177.00	16584
64.00	1543	106.00	1647	141.00	3678	178.00	574
66.00	115	107.00	262	142.00	465	181.00	28
67.00	1129	108.00	39	143.00	3073	191.00	39
68.00	43160	109.00	218	144.00	152	193.00	2
69.00	43896	110.00	274	145.00	376	194.00	63
70.00	2773	111.00	223	146.00	362	202.00	28
72.00	2414	112.00	367	147.00	212	215.00	19
73.00	19200	113.00	173	148.00	950	251.00	24
74.00	69880	115.00	95	149.00	361	253.00	85
75.00	212672	115.00	304	150.00	757	255.00	20

Report Date: 16-Sep-2025 09:31:22

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Eaton Analytical South Bend

Data File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250910-41284.b\BFB .D

Injection Date: 11-Sep-2025 10:13:57

Instrument ID: GCMS-DM

Lims ID: BFB

Client ID:

Operator ID: TD

ALS Bottle#:

2

Worklist Smp#:

1

Injection Vol: 2.0 mL

Dil. Factor:

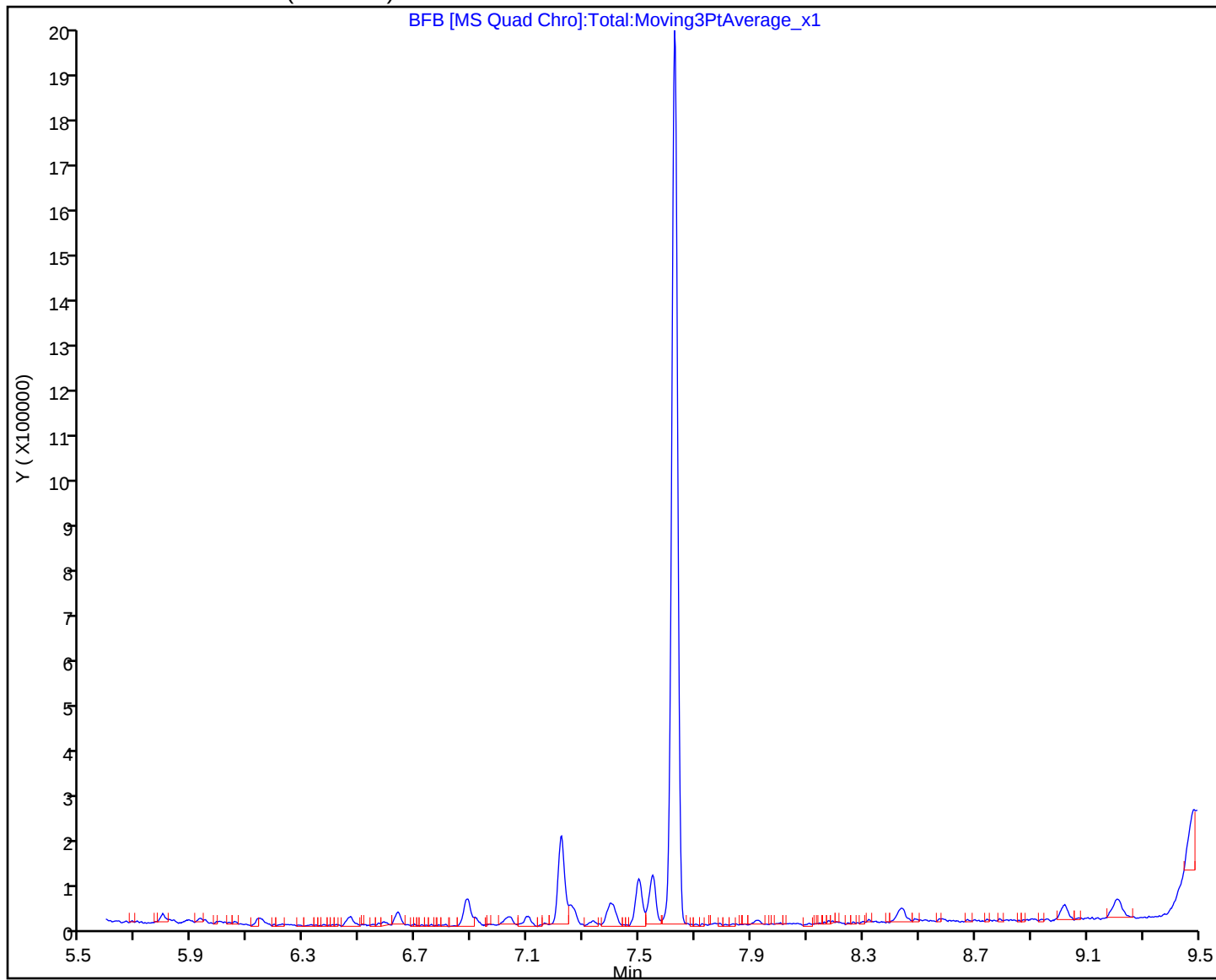
1.0000

Method: 522_GCMS-DM

Limit Group:

MSS - 522

Column: CP Select 624 MS (0.25 mm)



Eurofins Eaton Analytical South Bend
Target Compound Quantitation Report

Data File: \\ChromFS\Southbend\ChromData\GCMS-FE\20250926-41908.b\BFB 1.D
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 26-Sep-2025 15:17:02 ALS Bottle#: 2 Worklist Smp#: 1
Injection Vol: 2.0 mL Dil. Factor: 1.0000
Sample Info: 810-0041908-001
Misc. Info.: BFB 1
Operator ID: BC Instrument ID: GCMS-FE
Raw Data: Smoothed

Method: \\ChromFS\Southbend\ChromData\GCMS-FE\20250926-41908.b\522_GCMS-FE.m
Limit Group: MSS - 522
Last Update: 29-Sep-2025 08:31:50 Calib Date: 26-Sep-2025 19:42:21
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromFS\Southbend\ChromData\GCMS-FE\20250926-41908.b\IC100.D

Column 1 : CP Select 624 MS (0.25 mm) Det: MS Quad
Process Host: CTX1719

First Level Reviewer: JH8B

Date: 29-Sep-2025 08:18:40

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
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10 BFB

QC Flag Legend

Processing Flags

Reagents:

O-522BFBSUB_00027

Amount Added: 1.00

Units: mL

Eurofins Eaton Analytical South Bend

Data File: \\ChromFS\Southbend\ChromData\GCMS-FE\20250926-41908.b\BFB 1.D

Injection Date: 26-Sep-2025 15:17:02

Instrument ID: GCMS-FE

Lims ID: BFB

Client ID:

Operator ID: BC

ALS Bottle#:

2

Worklist Smp#:

1

Injection Vol: 2.0 mL

Dil. Factor:

1.0000

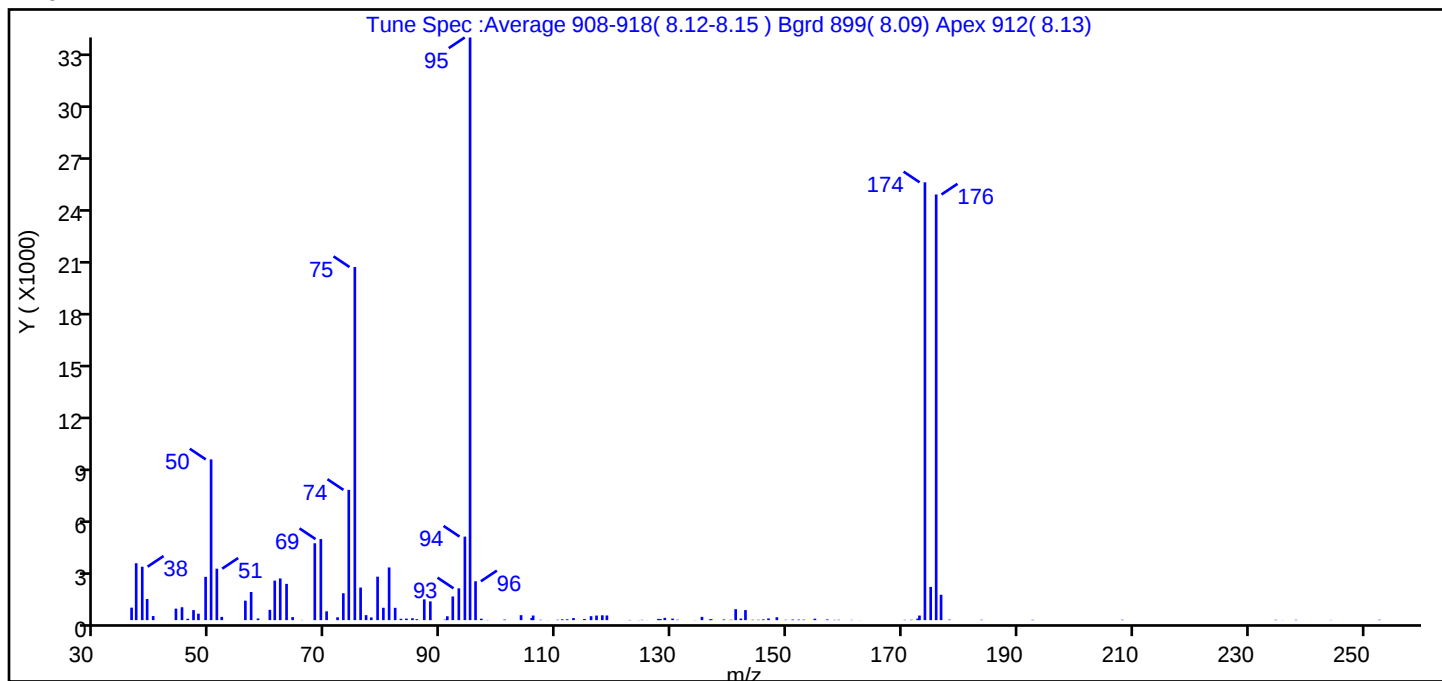
Method: 522_GCMS-FE

Limit Group:

MSS - 522

Tune Method: BFB Method 524

10 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base Peak, 100% Relative Abundance	100.0
50	15-40% of mass 95	27.6
75	30-80% of mass 95	60.6
96	5-9% of mass 95	6.7
173	<2% of mass 174	1.1 (1.4)
174	>50% of mass 95	75.1
175	5-9% of mass 174	5.7 (7.6)
176	>95% but <101% of mass 174	73.1 (97.2)
177	5-9% of mass 176	4.4 (6.0)

Data File: \\ChromFS\Southbend\ChromData\GCMS-FE\20250926-41908.b\BFB 1.D\522_GCMS-FE.rslt\spectra.d
Injection Date: 26-Sep-2025 15:17:02
Spectrum: Tune Spec :Average 908-918(8.12-8.15) Bgrd 899(8.09) Apex 912(8.13)
Base Peak: 94.95
Minimum % Base Peak: 0
Number of Points: 118

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	724	76.00	1888	112.00	50	148.00	169
37.00	3294	77.00	289	113.00	120	150.00	21
38.00	3093	78.00	157	115.00	70	151.00	36
39.00	1222	79.00	2516	116.00	230	152.00	32
40.00	236	80.00	716	117.00	266	153.00	28
44.00	665	81.00	3050	118.00	281	155.00	84
45.00	747	82.00	713	119.00	271	157.00	42
46.00	81	83.00	78	123.00	5	158.00	18
47.00	582	84.00	91	123.00	12	159.00	23
48.00	374	85.00	110	124.00	7	161.00	15
49.00	2507	86.00	57	125.00	18	163.00	5
50.00	9305	87.00	1202	126.00	5	170.00	18
51.00	2979	88.00	1086	128.00	73	172.00	22
52.00	189	91.00	30	128.00	58	173.00	90
56.00	1128	91.00	224	129.00	133	173.00	266
57.00	1629	92.00	1371	130.00	90	174.00	25344
58.00	97	93.00	1843	131.00	26	175.00	1924
60.00	598	94.00	4836	134.00	9	176.00	24640
61.00	2287	95.00	33728	135.00	190	177.00	1469
62.00	2412	96.00	2250	137.00	36	178.00	29
63.00	2100	97.00	83	137.00	57	184.00	22
64.00	176	98.00	11	139.00	40	193.00	21
66.00	12	101.00	33	140.00	23	208.00	24
68.00	4450	104.00	288	141.00	635	235.00	22
69.00	4693	106.00	125	142.00	92	236.00	6
70.00	510	106.00	267	143.00	583	238.00	22
72.00	165	107.00	21	144.00	23	244.00	11
73.00	1558	108.00	5	145.00	23	253.00	25
74.00	7539	110.00	24	146.00	44		
75.00	20440	111.00	49	147.00	99		

Report Date: 29-Sep-2025 08:31:51

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Eaton Analytical South Bend

Data File: \\ChromFS\Southbend\ChromData\GCMS-FE\20250926-41908.b\BFB 1.D

Injection Date: 26-Sep-2025 15:17:02

Instrument ID: GCMS-FE

Lims ID: BFB

Client ID:

Operator ID: BC

ALS Bottle#:

2

Worklist Smp#:

1

Injection Vol: 2.0 mL

Dil. Factor:

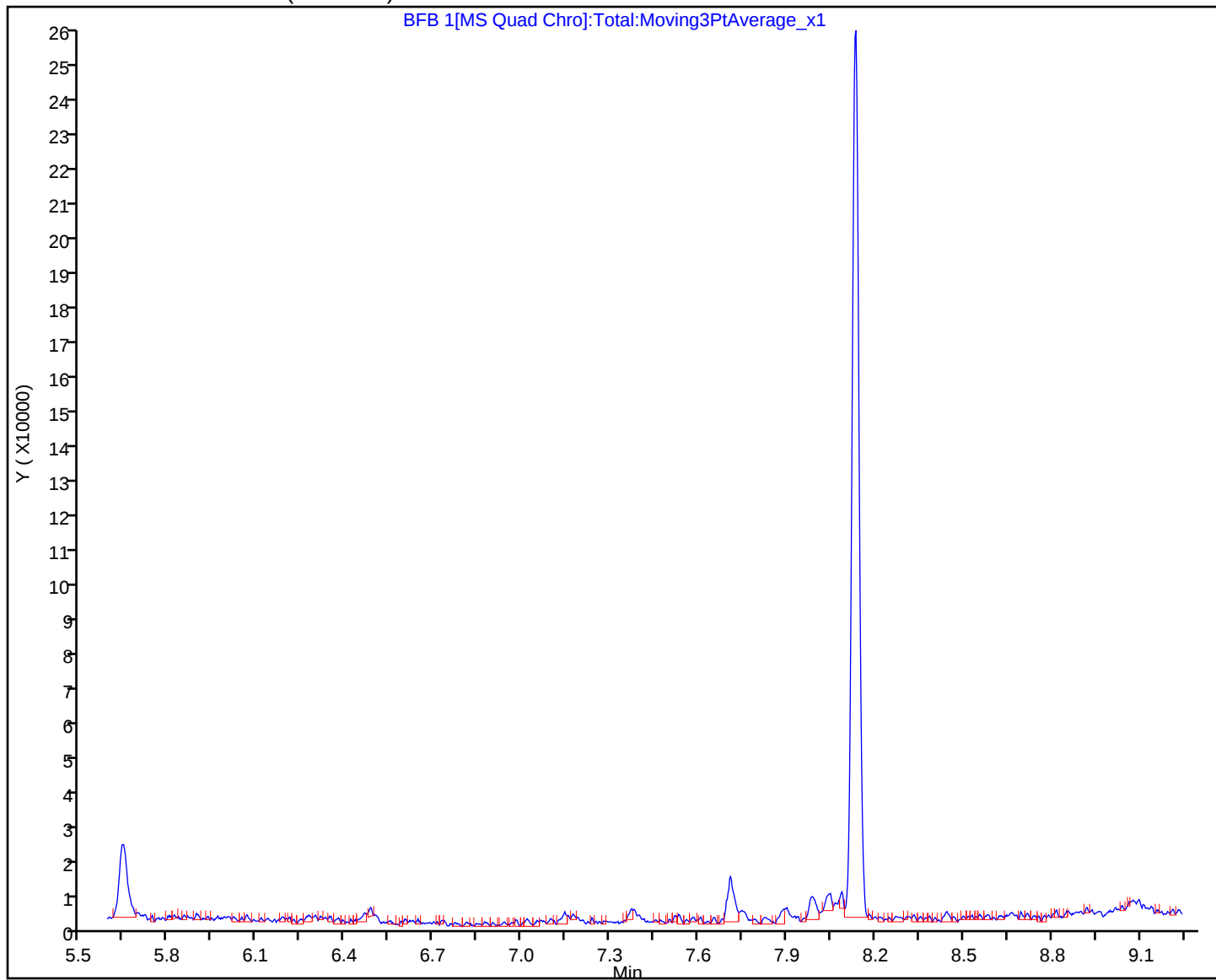
1.0000

Method: 522_GCMS-FE

Limit Group:

MSS - 522

Column: CP Select 624 MS (0.25 mm)



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Eaton Analytical South Bend	Job No.: 810-164749-1
SDG No.:	
Client Sample ID:	Lab Sample ID: MBL 810-161233/1-A
Matrix: Drinking Water	Lab File ID: MBL.D
Analysis Method: 522	Date Collected:
Extract. Method: 522	Date Extracted: 09/22/2025 09:18
Sample wt/vol: 100 (mL)	Date Analyzed: 09/22/2025 15:29
Con. Extract Vol.: 2 (mL)	Dilution Factor: 1
Injection Volume: 1 (uL)	GC Column: CPSelect 624 MS ID: 0.25 (mm)
% Moisture: % Solids:	GPC Cleanup: (Y/N) N
Cleanup Factor:	Level: (low/med) Low
Analysis Batch No.: 161293	Units: ug/L
Preparation Batch No.: 161233	Instrument ID: GCMS-DM

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
123-91-1	1,4-Dioxane	<0.062		0.070	0.062

CAS NO.	SURROGATE	%REC	Q	LIMITS
17647-74-4	1,4-Dioxane-d8 (Surr)	96		70-130

Eurofins Eaton Analytical South Bend
Target Compound Quantitation Report

Data File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250922-41695.b\MBL.D
 Lims ID: MBL 810-161233/1-A
 Client ID:
 Sample Type: MBL
 Inject. Date: 22-Sep-2025 15:29:40 ALS Bottle#: 3 Worklist Smp#: 2
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 810-0041695-002
 Misc. Info.: MBL 810-161233/1-A
 Operator ID: TD Instrument ID: GCMS-DM
 Raw Data: Smoothed
 Method: \\ChromFS\Southbend\ChromData\GCMS-DM\20250922-41695.b\522_GCMS-DM.m
 Limit Group: MSS - 522
 Last Update: 23-Sep-2025 11:37:14 Calib Date: 11-Sep-2025 14:54:49
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250910-41284.b\100.D
 Column 1 : CP Select 624 MS (0.25 mm) Det: MS Quad
 Process Host: CTX1725

First Level Reviewer: D5UB

Date: 23-Sep-2025 09:49:22

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 5 Tetrahydrofuran-d8	46	5.854	5.862	-0.008	26	102337	500.0	500.0	
\$ 9 1,4-Dioxane-d8 (Surr)	96	7.952	7.962	-0.010	0	72464	500.0	482.1	
11 1,4-Dioxane	88		8.035					ND	U
10 BFB									

QC Flag Legend

Processing Flags

Review Flags

U - Marked Undetected

Reagents:

O-522BFBSUB_00027

Amount Added: 1.00

Units: mL

Run Reagent

Eurofins Eaton Analytical South Bend

Data File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250922-41695.b\MBL.D

Injection Date: 22-Sep-2025 15:29:40

Instrument ID: GCMS-DM

Lims ID: MBL 810-161233/1-A

Client ID:

Operator ID: TD

ALS Bottle#: 3

Worklist Smp#: 2

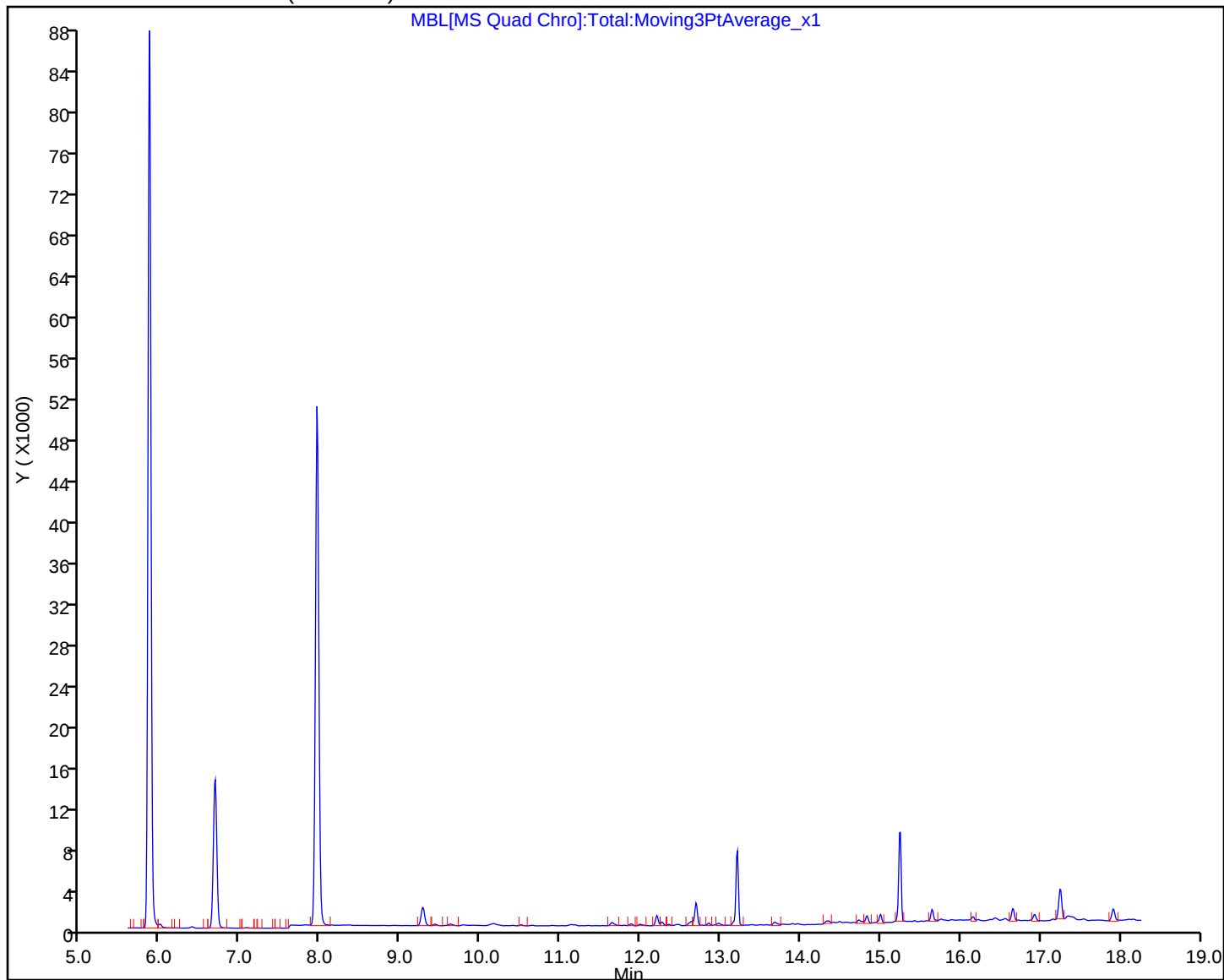
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: 522_GCMS-DM

Limit Group: MSS - 522

Column: CP Select 624 MS (0.25 mm)



Eurofins Eaton Analytical South Bend
Recovery Report

Data File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250922-41695.b\MBL.D
Lims ID: MBL 810-161233/1-A
Client ID:
Sample Type: MBL
Inject. Date: 22-Sep-2025 15:29:40 ALS Bottle#: 3 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 810-0041695-002
Misc. Info.: MBL 810-161233/1-A
Operator ID: TD Instrument ID: GCMS-DM
Raw Data: Smoothed
Method: \\ChromFS\Southbend\ChromData\GCMS-DM\20250922-41695.b\522_GCMS-DM.m
Limit Group: MSS - 522
Last Update: 23-Sep-2025 11:37:14 Calib Date: 11-Sep-2025 14:54:49
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250910-41284.b\100.D
Column 1 : CP Select 624 MS (0.25 mm) Det: MS Quad
Process Host: CTX1725

First Level Reviewer: D5UB

Date: 23-Sep-2025 09:49:22

Compound	Amount Added	Amount Recovered	% Rec.
\$ 9 1,4-Dioxane-d8 (Surr)	500.0	482.1	96.42

Eurofins Eaton Analytical South Bend

Data File: \\ChromFS\\Southbend\\ChromData\\GCMS-DM\\20250922-41695.b\\MBL.D

Injection Date: 22-Sep-2025 15:29:40

Instrument ID: GCMS-DM

Lims ID: MBL 810-161233/1-A

Client ID:

Operator ID: TD

ALS Bottle#:

3

Worklist Smp#: 2

Injection Vol: 1.0 ul

Dil. Factor:

1.0000

Method: 522_GCMS-DM

Limit Group:

MSS - 522

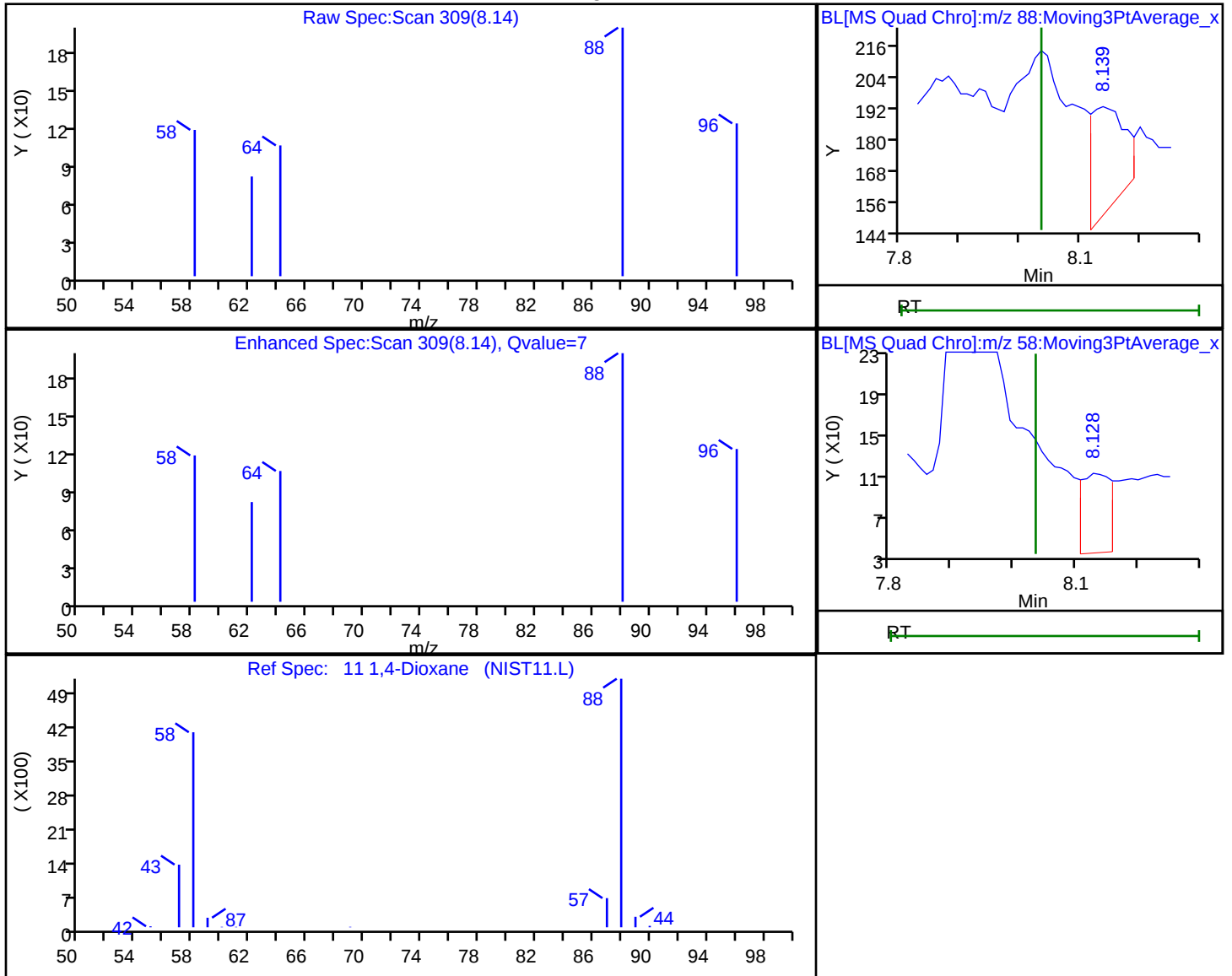
Column: CP Select 624 MS (0.25 mm)

Detector

MS Quad

11 1,4-Dioxane, CAS: 123-91-1

Processing Results



RT	Mass	Response	Amount
8.14	88.00	166	1.180742
8.13	58.00	261	

Reviewer: D5UB, 23-Sep-2025 09:49:16 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Eaton Analytical South Bend Job No.: 810-164749-1
SDG No.:
Client Sample ID: Lab Sample ID: MBL 810-161820/1-A
Matrix: Drinking Water Lab File ID: MB1.D
Analysis Method: 522 Date Collected:
Extract. Method: 522 Date Extracted: 09/25/2025 09:31
Sample wt/vol: 100 (mL) Date Analyzed: 09/29/2025 09:16
Con. Extract Vol.: 2 (mL) Dilution Factor: 1
Injection Volume: 1 (uL) GC Column: CPSelect 624 MS ID: 0.25 (mm)
% Moisture: % Solids: GPC Cleanup: (Y/N) N
Cleanup Factor: Level: (low/med) Low
Analysis Batch No.: 161930 Units: ug/L
Preparation Batch No.: 161820 Instrument ID: GCMS-DM

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
123-91-1	1,4-Dioxane	<0.062		0.070	0.062

CAS NO.	SURROGATE	%REC	Q	LIMITS
17647-74-4	1,4-Dioxane-d8 (Surr)	93		70-130

Eurofins Eaton Analytical South Bend
Target Compound Quantitation Report

Data File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250925-41860.b\MB1.D
 Lims ID: MBL 810-161820/1-A
 Client ID:
 Sample Type: MBL
 Inject. Date: 29-Sep-2025 09:16:12 ALS Bottle#: 44 Worklist Smp#: 2
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 810-0041860-002
 Misc. Info.: MBL 810-161820/1-A
 Operator ID: TD Instrument ID: GCMS-DM
 Raw Data: Smoothed
 Method: \\ChromFS\Southbend\ChromData\GCMS-DM\20250925-41860.b\522_GCMS-DM.m
 Limit Group: MSS - 522
 Last Update: 30-Sep-2025 09:45:14 Calib Date: 26-Sep-2025 12:59:32
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250925-41857.b\IC11.D
 Column 1 : CP Select 624 MS (0.25 mm) Det: MS Quad
 Process Host: CTX1664

First Level Reviewer: JH8B

Date: 30-Sep-2025 09:27:32

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 5 Tetrahydrofuran-d8	46	5.854	5.846	0.008	24	89586	500.0	500.0	
\$ 9 1,4-Dioxane-d8 (Surr)	96	7.952	7.952	0.000	0	64318	500.0	466.9	
11 1,4-Dioxane	88		8.024					ND	MU
10 BFB									

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

U - Marked Undetected

Reagents:

O-522BFBSUB_00029

Amount Added: 1.00

Units: mL

Run Reagent

Report Date: 30-Sep-2025 09:45:17

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Eaton Analytical South Bend

Data File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250925-41860.b\MB1.D

Injection Date: 29-Sep-2025 09:16:12

Instrument ID: GCMS-DM

Lims ID: MBL 810-161820/1-A

Client ID:

Operator ID: TD

ALS Bottle#: 44

Worklist Smp#: 2

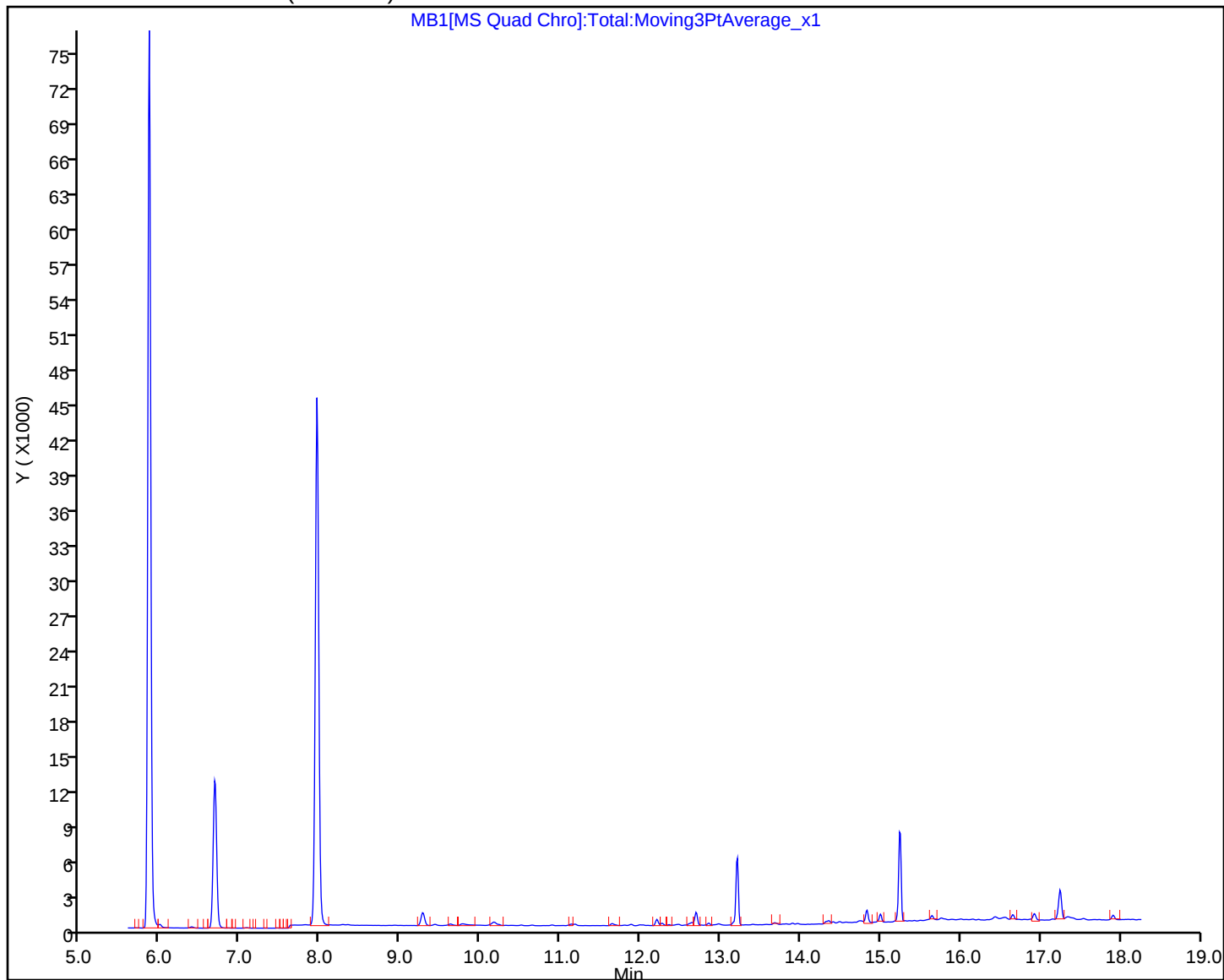
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: 522_GCMS-DM

Limit Group: MSS - 522

Column: CP Select 624 MS (0.25 mm)



Eurofins Eaton Analytical South Bend
Recovery Report

Data File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250925-41860.b\MB1.D
Lims ID: MBL 810-161820/1-A
Client ID:
Sample Type: MBL
Inject. Date: 29-Sep-2025 09:16:12 ALS Bottle#: 44 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 810-0041860-002
Misc. Info.: MBL 810-161820/1-A
Operator ID: TD Instrument ID: GCMS-DM
Raw Data: Smoothed
Method: \\ChromFS\Southbend\ChromData\GCMS-DM\20250925-41860.b\522_GCMS-DM.m
Limit Group: MSS - 522
Last Update: 30-Sep-2025 09:45:14 Calib Date: 26-Sep-2025 12:59:32
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250925-41857.b\IC11.D
Column 1 : CP Select 624 MS (0.25 mm) Det: MS Quad
Process Host: CTX1664

First Level Reviewer: JH8B

Date: 30-Sep-2025 09:27:32

Compound	Amount Added	Amount Recovered	% Rec.
\$ 9 1,4-Dioxane-d8 (Surr)	500.0	466.9	93.38

Eurofins Eaton Analytical South Bend

Data File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250925-41860.b\MB1.D

Injection Date: 29-Sep-2025 09:16:12

Instrument ID: GCMS-DM

Lims ID: MBL 810-161820/1-A

Client ID:

Operator ID: TD

ALS Bottle#:

44

Worklist Smp#: 2

Injection Vol: 1.0 ul

Dil. Factor:

1.0000

Method: 522_GCMS-DM

Limit Group:

MSS - 522

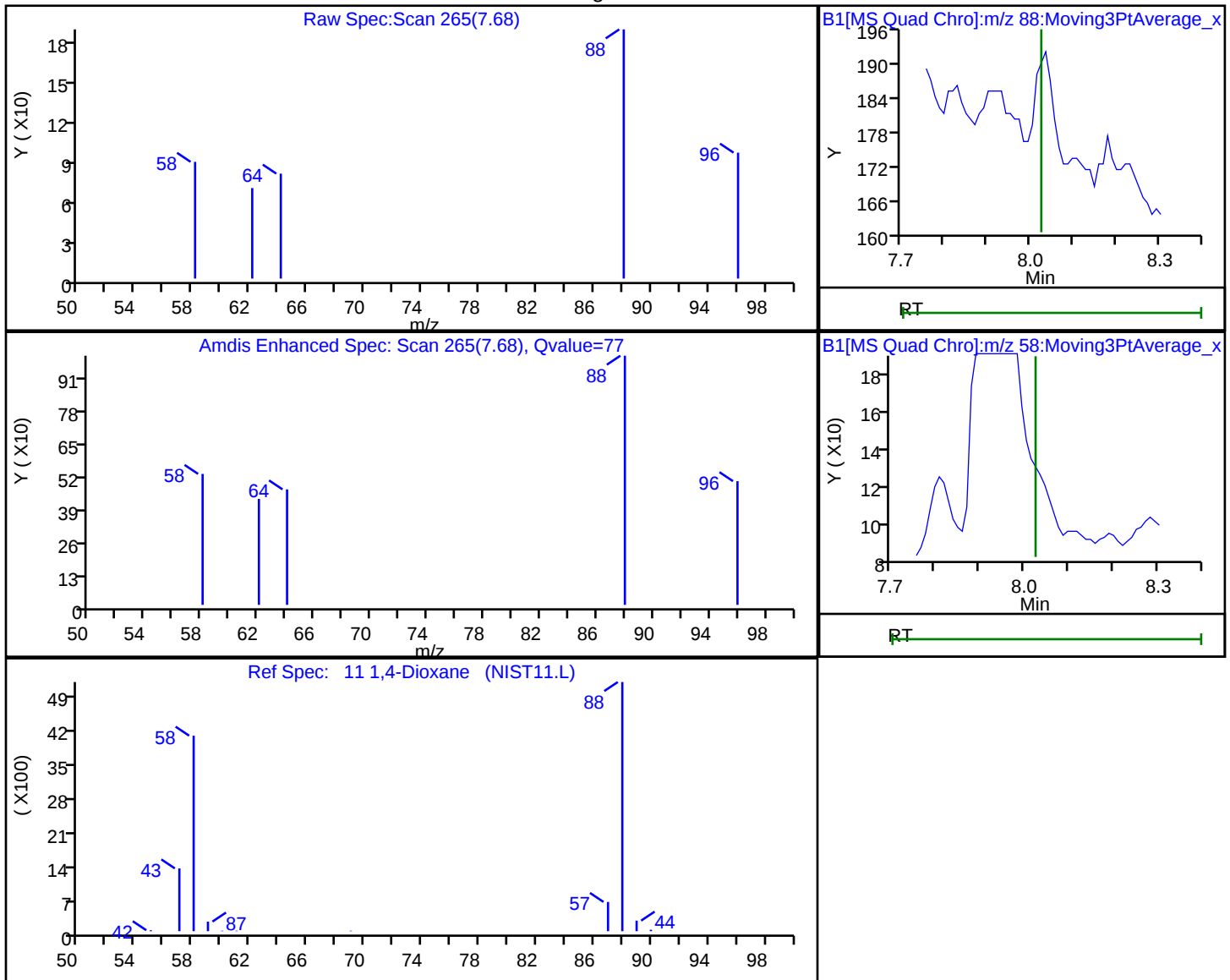
Column: CP Select 624 MS (0.25 mm)

Detector

MS Quad

11 1,4-Dioxane, CAS: 123-91-1

Processing Results



RT	Mass	Response	Amount
7.68	88.00	1043	7.575774
7.66	58.00	152	

Reviewer: JH8B, 30-Sep-2025 09:31:26 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Eaton Analytical South Bend	Job No.: 810-164749-1
SDG No.:	
Client Sample ID:	Lab Sample ID: MBL 810-162945/1-A
Matrix: Drinking Water	Lab File ID: MBL.D
Analysis Method: 522	Date Collected:
Extract. Method: 522	Date Extracted: 10/02/2025 10:13
Sample wt/vol: 100 (mL)	Date Analyzed: 10/02/2025 17:38
Con. Extract Vol.: 2 (mL)	Dilution Factor: 1
Injection Volume: 1 (uL)	GC Column: CPSelect 624 MS ID: 0.25 (mm)
% Moisture: % Solids:	GPC Cleanup: (Y/N) N
Cleanup Factor:	Level: (low/med) Low
Analysis Batch No.: 162989	Units: ug/L
Preparation Batch No.: 162945	Instrument ID: GCMS-FE

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
123-91-1	1,4-Dioxane	<0.062		0.070	0.062

CAS NO.	SURROGATE	%REC	Q	LIMITS
17647-74-4	1,4-Dioxane-d8 (Surr)	107		70-130

Eurofins Eaton Analytical South Bend
Target Compound Quantitation Report

Data File: \\ChromFS\Southbend\ChromData\GCMS-FE\20251002-42135.b\MBL.D
 Lims ID: MBL 810-162945/1-A
 Client ID:
 Sample Type: MBL
 Inject. Date: 02-Oct-2025 17:38:18 ALS Bottle#: 3 Worklist Smp#: 2
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 810-0042135-002
 Misc. Info.: MBL 810-162945/1-A
 Operator ID: BC Instrument ID: GCMS-FE
 Raw Data: Smoothed
 Method: \\ChromFS\Southbend\ChromData\GCMS-FE\20251002-42135.b\522_GCMS-FE.m
 Limit Group: MSS - 522
 Last Update: 03-Oct-2025 10:58:50 Calib Date: 26-Sep-2025 19:42:21
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromFS\Southbend\ChromData\GCMS-FE\20250926-41908.b\IC100.D
 Column 1 : CP Select 624 MS (0.25 mm) Det: MS Quad
 Process Host: CTX1653

First Level Reviewer: JH8B

Date: 03-Oct-2025 09:50:39

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 5 Tetrahydrofuran-d8	46	6.488	6.488	0.000	26	55076	500.0	500.0	
\$ 9 1,4-Dioxane-d8 (Surr)	96	8.632	8.632	0.000	96	40043	500.0	533.9	
11 1,4-Dioxane	88		8.705					ND	U
10 BFB									

QC Flag Legend

Processing Flags

Review Flags

U - Marked Undetected

Eurofins Eaton Analytical South Bend

Data File: \\ChromFS\Southbend\ChromData\GCMS-FE\20251002-42135.b\MBL.D

Injection Date: 02-Oct-2025 17:38:18

Instrument ID: GCMS-FE

Lims ID: MBL 810-162945/1-A

Client ID:

Operator ID: BC

ALS Bottle#: 3

Worklist Smp#: 2

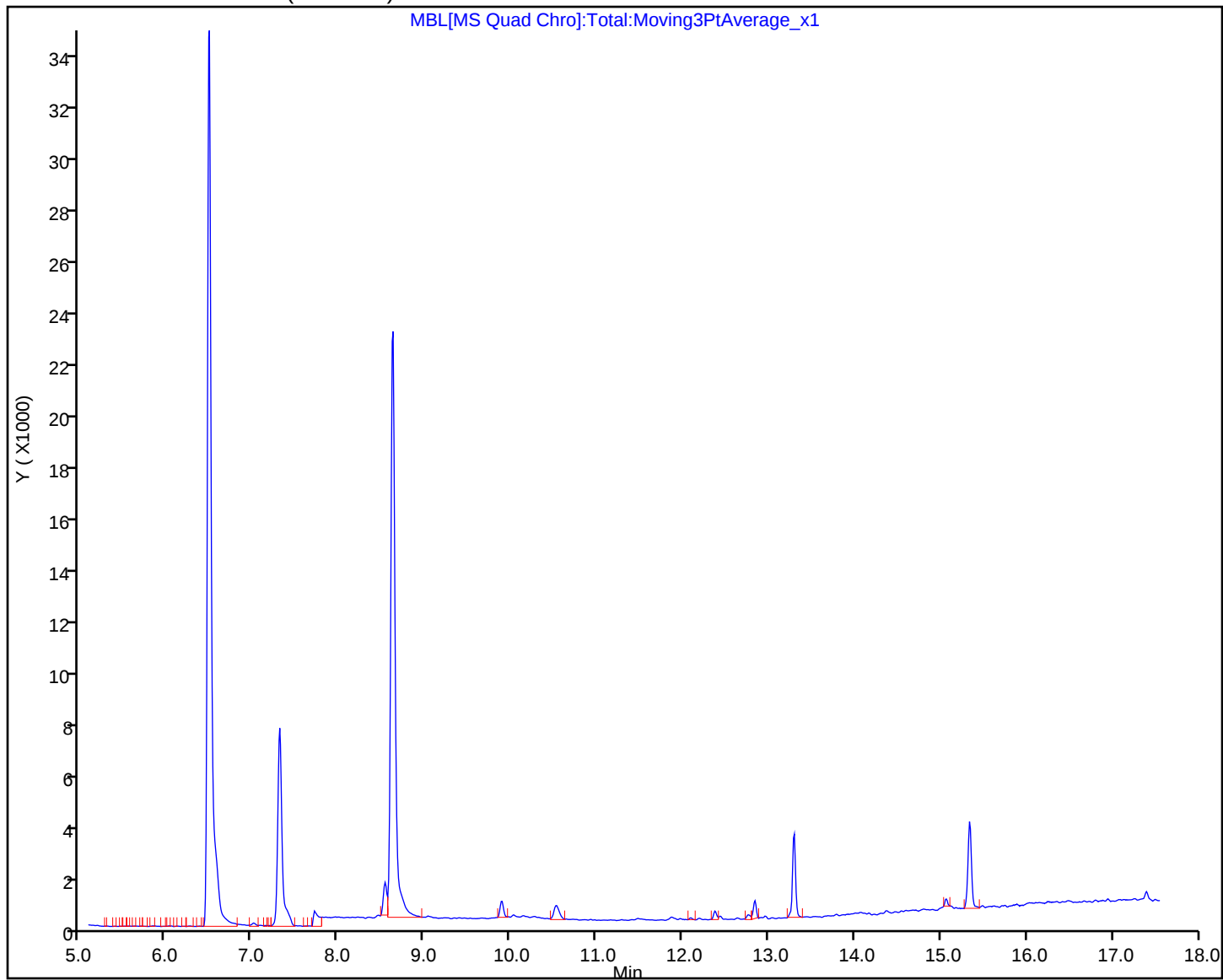
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: 522_GCMS-FE

Limit Group: MSS - 522

Column: CP Select 624 MS (0.25 mm)



Eurofins Eaton Analytical South Bend
Recovery Report

Data File: \\ChromFS\Southbend\ChromData\GCMS-FE\20251002-42135.b\MBL.D
Lims ID: MBL 810-162945/1-A
Client ID:
Sample Type: MBL
Inject. Date: 02-Oct-2025 17:38:18 ALS Bottle#: 3 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 810-0042135-002
Misc. Info.: MBL 810-162945/1-A
Operator ID: BC Instrument ID: GCMS-FE
Raw Data: Smoothed
Method: \\ChromFS\Southbend\ChromData\GCMS-FE\20251002-42135.b\522_GCMS-FE.m
Limit Group: MSS - 522
Last Update: 03-Oct-2025 10:58:50 Calib Date: 26-Sep-2025 19:42:21
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromFS\Southbend\ChromData\GCMS-FE\20250926-41908.b\IC100.D
Column 1 : CP Select 624 MS (0.25 mm) Det: MS Quad
Process Host: CTX1653

First Level Reviewer: JH8B

Date: 03-Oct-2025 09:50:39

Compound	Amount Added	Amount Recovered	% Rec.
\$ 9 1,4-Dioxane-d8 (Surr)	500.0	533.9	106.78

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Eaton Analytical South <u>Bend</u>	Job No.: <u>810-164749-1</u>
SDG No.: _____	
Client Sample ID: _____	Lab Sample ID: <u>LCS 810-161820/3-A</u>
Matrix: <u>Drinking Water</u>	Lab File ID: <u>LCS1.D</u>
Analysis Method: <u>522</u>	Date Collected: _____
Extract. Method: <u>522</u>	Date Extracted: <u>09/25/2025 09:31</u>
Sample wt/vol: <u>100 (mL)</u>	Date Analyzed: <u>09/29/2025 10:06</u>
Con. Extract Vol.: <u>2 (mL)</u>	Dilution Factor: <u>1</u>
Injection Volume: <u>1 (uL)</u>	GC Column: <u>CPSelect 624 MS ID: 0.25 (mm)</u>
% Moisture: _____ % Solids: _____	GPC Cleanup: (Y/N) <u>N</u>
Cleanup Factor: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>161930</u>	Units: <u>ug/L</u>
Preparation Batch No.: <u>161820</u>	Instrument ID: <u>GCMS-DM</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
123-91-1	1,4-Dioxane	45.6		0.070	0.062

CAS NO.	SURROGATE	%REC	Q	LIMITS
17647-74-4	1,4-Dioxane-d8 (Surr)	93		70-130

Eurofins Eaton Analytical South Bend
Target Compound Quantitation Report

Data File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250925-41860.b\LCS1.D
Lims ID: LCS 810-161820/3-A
Client ID:
Sample Type: LCS
Inject. Date: 29-Sep-2025 10:06:06 ALS Bottle#: 46 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 810-0041860-004
Misc. Info.: LCS 810-161820/3-A
Operator ID: TD Instrument ID: GCMS-DM
Raw Data: Smoothed
Method: \\ChromFS\Southbend\ChromData\GCMS-DM\20250925-41860.b\522_GCMS-DM.m
Limit Group: MSS - 522
Last Update: 30-Sep-2025 09:45:14 Calib Date: 26-Sep-2025 12:59:32
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250925-41857.b\IC11.D
Column 1 : CP Select 624 MS (0.25 mm) Det: MS Quad
Process Host: CTX1664

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 5 Tetrahydrofuran-d8	46	5.847	5.846	0.001	25	91932	500.0	500.0	
\$ 9 1,4-Dioxane-d8 (Surr)	96	7.952	7.952	0.000	0	65613	500.0	464.2	
11 1,4-Dioxane	88	8.025	8.024	0.001	85	332727	2500.0	2278.5	

10 BFB

Reagents:

O-522BFBSUB_00029

Amount Added: 1.00

Units: mL

Run Reagent

Report Date: 30-Sep-2025 09:45:22

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Eaton Analytical South Bend

Data File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250925-41860.b\LCS1.D

Injection Date: 29-Sep-2025 10:06:06

Instrument ID: GCMS-DM

Lims ID: LCS 810-161820/3-A

Client ID:

Operator ID: TD

ALS Bottle#: 46

Worklist Smp#: 4

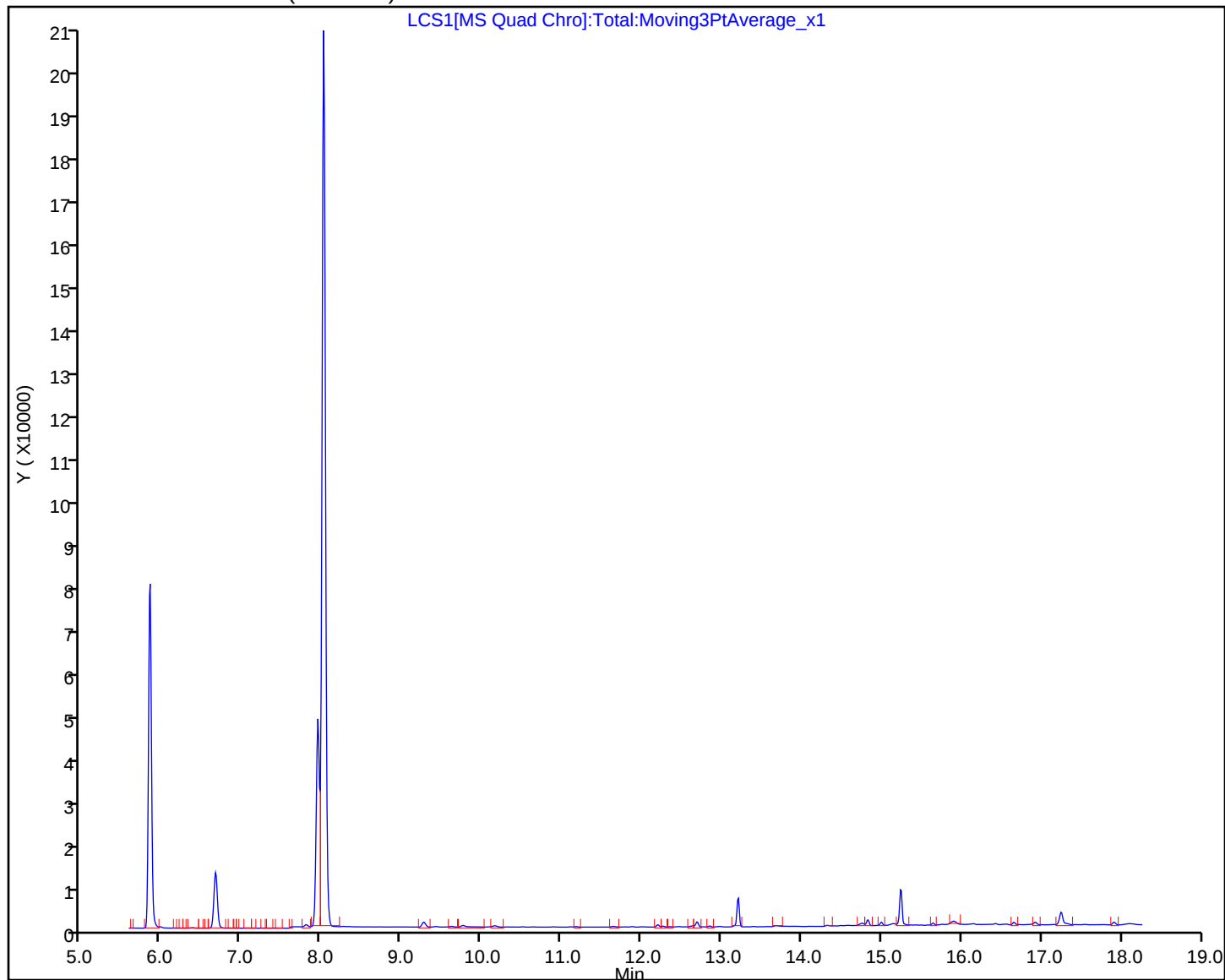
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: 522_GCMS-DM

Limit Group: MSS - 522

Column: CP Select 624 MS (0.25 mm)



Eurofins Eaton Analytical South Bend
Recovery Report

Data File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250925-41860.b\LCS1.D
Lims ID: LCS 810-161820/3-A
Client ID:
Sample Type: LCS
Inject. Date: 29-Sep-2025 10:06:06 ALS Bottle#: 46 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 810-0041860-004
Misc. Info.: LCS 810-161820/3-A
Operator ID: TD Instrument ID: GCMS-DM
Raw Data: Smoothed
Method: \\ChromFS\Southbend\ChromData\GCMS-DM\20250925-41860.b\522_GCMS-DM.m
Limit Group: MSS - 522
Last Update: 30-Sep-2025 09:45:14 Calib Date: 26-Sep-2025 12:59:32
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250925-41857.b\IC11.D
Column 1 : CP Select 624 MS (0.25 mm) Det: MS Quad
Process Host: CTX1664

Compound	Amount Added	Amount Recovered	% Rec.
\$ 9 1,4-Dioxane-d8 (Surr)	500.0	464.2	92.83

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Eaton Analytical South Bend Job No.: 810-164749-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: LCS 810-162945/3-A

Matrix: Drinking Water Lab File ID: LCS.D

Analysis Method: 522 Date Collected: _____

Extract. Method: 522 Date Extracted: 10/02/2025 10:13

Sample wt/vol: 100 (mL) Date Analyzed: 10/02/2025 18:21

Con. Extract Vol.: 2 (mL) Dilution Factor: 1

Injection Volume: 1 (uL) GC Column: CPSelect 624 MS ID: 0.25 (mm)

% Moisture: _____ % Solids: _____ GPC Cleanup: (Y/N) N

Cleanup Factor: _____ Level: (low/med) Low

Analysis Batch No.: 162989 Units: ug/L

Preparation Batch No.: 162945 Instrument ID: GCMS-FE

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
123-91-1	1,4-Dioxane	50.5		0.070	0.062

CAS NO.	SURROGATE	%REC	Q	LIMITS
17647-74-4	1,4-Dioxane-d8 (Surr)	100		70-130

Eurofins Eaton Analytical South Bend
Target Compound Quantitation Report

Data File: \\ChromFS\Southbend\ChromData\GCMS-FE\20251002-42135.b\LCS.D
 Lims ID: LCS 810-162945/3-A
 Client ID:
 Sample Type: LCS
 Inject. Date: 02-Oct-2025 18:21:39 ALS Bottle#: 5 Worklist Smp#: 4
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 810-0042135-004
 Misc. Info.: LCS 810-162945/3-A
 Operator ID: BC Instrument ID: GCMS-FE
 Raw Data: Smoothed
 Method: \\ChromFS\Southbend\ChromData\GCMS-FE\20251002-42135.b\522_GCMS-FE.m
 Limit Group: MSS - 522
 Last Update: 03-Oct-2025 10:58:50 Calib Date: 26-Sep-2025 19:42:21
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromFS\Southbend\ChromData\GCMS-FE\20250926-41908.b\IC100.D
 Column 1 : CP Select 624 MS (0.25 mm) Det: MS Quad
 Process Host: CTX1653

First Level Reviewer: JH8B

Date: 03-Oct-2025 09:51:10

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 5 Tetrahydrofuran-d8	46	6.488	6.488	0.000	26	59926	500.0	500.0	
\$ 9 1,4-Dioxane-d8 (Surr)	96	8.632	8.632	0.000	96	40887	500.0	501.0	
11 1,4-Dioxane	88	8.705	8.705	0.000	84	220369	2500.0	2525.0	M

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Eurofins Eaton Analytical South Bend

Data File: \\ChromFS\Southbend\ChromData\GCMS-FE\20251002-42135.b\LCS.D

Injection Date: 02-Oct-2025 18:21:39

Instrument ID: GCMS-FE

Lims ID: LCS 810-162945/3-A

Client ID:

Operator ID: BC

ALS Bottle#: 5

Worklist Smp#: 4

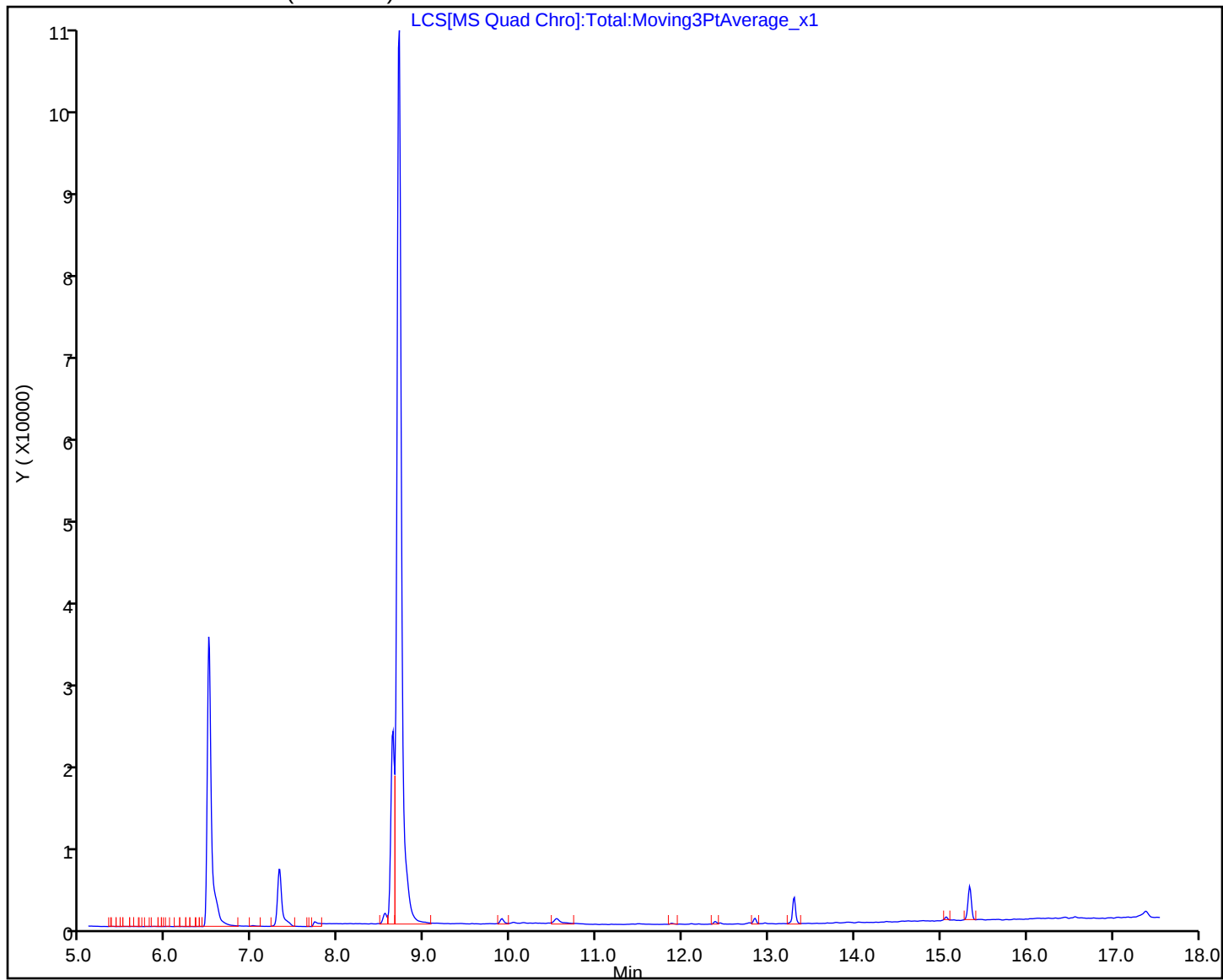
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: 522_GCMS-FE

Limit Group: MSS - 522

Column: CP Select 624 MS (0.25 mm)



Eurofins Eaton Analytical South Bend
Recovery Report

Data File: \\ChromFS\Southbend\ChromData\GCMS-FE\20251002-42135.b\LCS.D
Lims ID: LCS 810-162945/3-A
Client ID:
Sample Type: LCS
Inject. Date: 02-Oct-2025 18:21:39 ALS Bottle#: 5 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 810-0042135-004
Misc. Info.: LCS 810-162945/3-A
Operator ID: BC Instrument ID: GCMS-FE
Raw Data: Smoothed
Method: \\ChromFS\Southbend\ChromData\GCMS-FE\20251002-42135.b\522_GCMS-FE.m
Limit Group: MSS - 522
Last Update: 03-Oct-2025 10:58:50 Calib Date: 26-Sep-2025 19:42:21
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromFS\Southbend\ChromData\GCMS-FE\20250926-41908.b\IC100.D
Column 1 : CP Select 624 MS (0.25 mm) Det: MS Quad
Process Host: CTX1653

First Level Reviewer: JH8B

Date: 03-Oct-2025 09:51:10

Compound	Amount Added	Amount Recovered	% Rec.
\$ 9 1,4-Dioxane-d8 (Surr)	500.0	501.0	100.21

Eurofins Eaton Analytical South Bend

Data File: \\ChromFS\Southbend\ChromData\GCMS-FE\20251002-42135.b\LCS.D

Injection Date: 02-Oct-2025 18:21:39

Instrument ID: GCMS-FE

Lims ID: LCS 810-162945/3-A

Client ID:

Operator ID: BC

ALS Bottle#:

5

Worklist Smp#: 4

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: 522_GCMS-FE

Limit Group: MSS - 522

Column: CP Select 624 MS (0.25 mm)

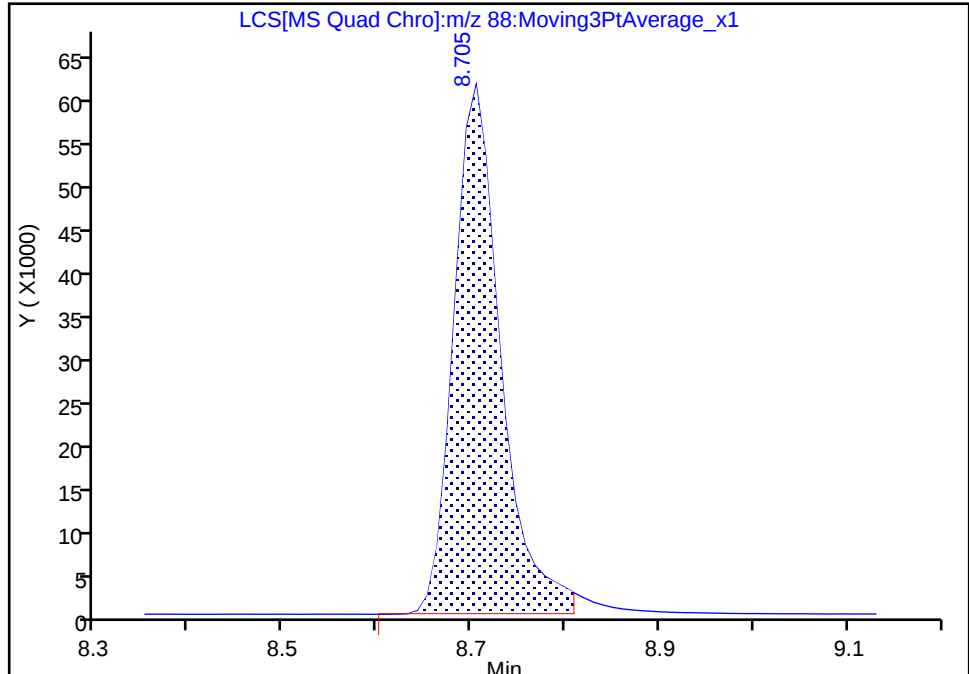
Detector: MS Quad

11 1,4-Dioxane, CAS: 123-91-1

Signal: 1

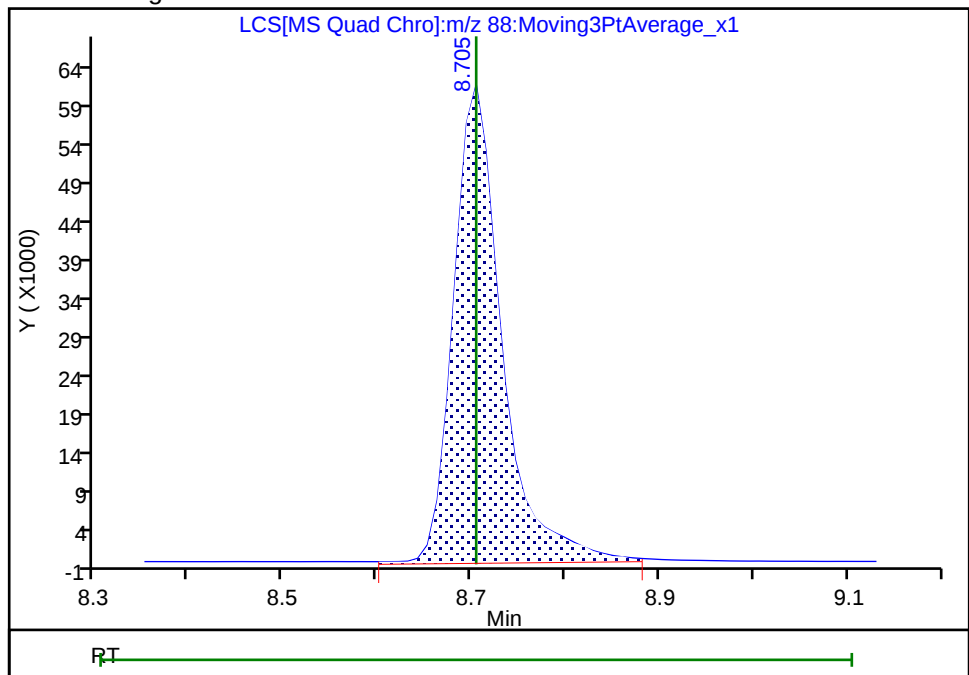
RT: 8.70
Area: 214062
Amount: 2452.7127
Amount Units: ug/l

Processing Integration Results



RT: 8.70
Area: 220369
Amount: 2524.9534
Amount Units: ug/l

Manual Integration Results



Reviewer: JH8B, 03-Oct-2025 09:51:07 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Baseline

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Eaton Analytical South Bend Job No.: 810-164749-1
SDG No.:
Client Sample ID: Lab Sample ID: LLCS 810-161233/2-A
Matrix: Drinking Water Lab File ID: LLCS.D
Analysis Method: 522 Date Collected:
Extract. Method: 522 Date Extracted: 09/22/2025 09:18
Sample wt/vol: 100 (mL) Date Analyzed: 09/22/2025 15:54
Con. Extract Vol.: 2 (mL) Dilution Factor: 1
Injection Volume: 1 (uL) GC Column: CPSelect 624 MS ID: 0.25 (mm)
% Moisture: % Solids: GPC Cleanup: (Y/N) N
Cleanup Factor: Level: (low/med) Low
Analysis Batch No.: 161293 Units: ug/L
Preparation Batch No.: 161233 Instrument ID: GCMS-DM

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
123-91-1	1,4-Dioxane	0.0775		0.070	0.062

CAS NO.	SURROGATE	%REC	Q	LIMITS
17647-74-4	1,4-Dioxane-d8 (Surr)	95		70-130

Eurofins Eaton Analytical South Bend
Target Compound Quantitation Report

Data File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250922-41695.b\LLCS.D
 Lims ID: LLCS 810-161233/2-A
 Client ID:
 Sample Type: LLCS
 Inject. Date: 22-Sep-2025 15:54:36 ALS Bottle#: 4 Worklist Smp#: 3
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 810-0041695-003
 Misc. Info.: LLCS 810-161233/2-A
 Operator ID: TD Instrument ID: GCMS-DM
 Raw Data: Smoothed
 Method: \\ChromFS\Southbend\ChromData\GCMS-DM\20250922-41695.b\522_GCMS-DM.m
 Limit Group: MSS - 522
 Last Update: 23-Sep-2025 11:37:14 Calib Date: 11-Sep-2025 14:54:49
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250910-41284.b\100.D
 Column 1 : CP Select 624 MS (0.25 mm) Det: MS Quad
 Process Host: CTX1725

First Level Reviewer: D5UB

Date: 23-Sep-2025 09:50:39

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 5 Tetrahydrofuran-d8	46	5.862	5.862	0.000	26	103852	500.0	500.0	
\$ 9 1,4-Dioxane-d8 (Surr)	96	7.962	7.962	0.000	0	72434	500.0	474.9	
11 1,4-Dioxane	88	8.035	8.035	0.000	78	613	3.50	3.87	M
10 BFB									

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

O-522BFBSUB_00027

Amount Added: 1.00

Units: mL

Run Reagent

Report Date: 23-Sep-2025 11:37:29

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Eaton Analytical South Bend

Data File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250922-41695.b\LLCS.D

Injection Date: 22-Sep-2025 15:54:36

Instrument ID: GCMS-DM

Lims ID: LLCS 810-161233/2-A

Client ID:

Operator ID: TD

ALS Bottle#: 4

Worklist Smp#: 3

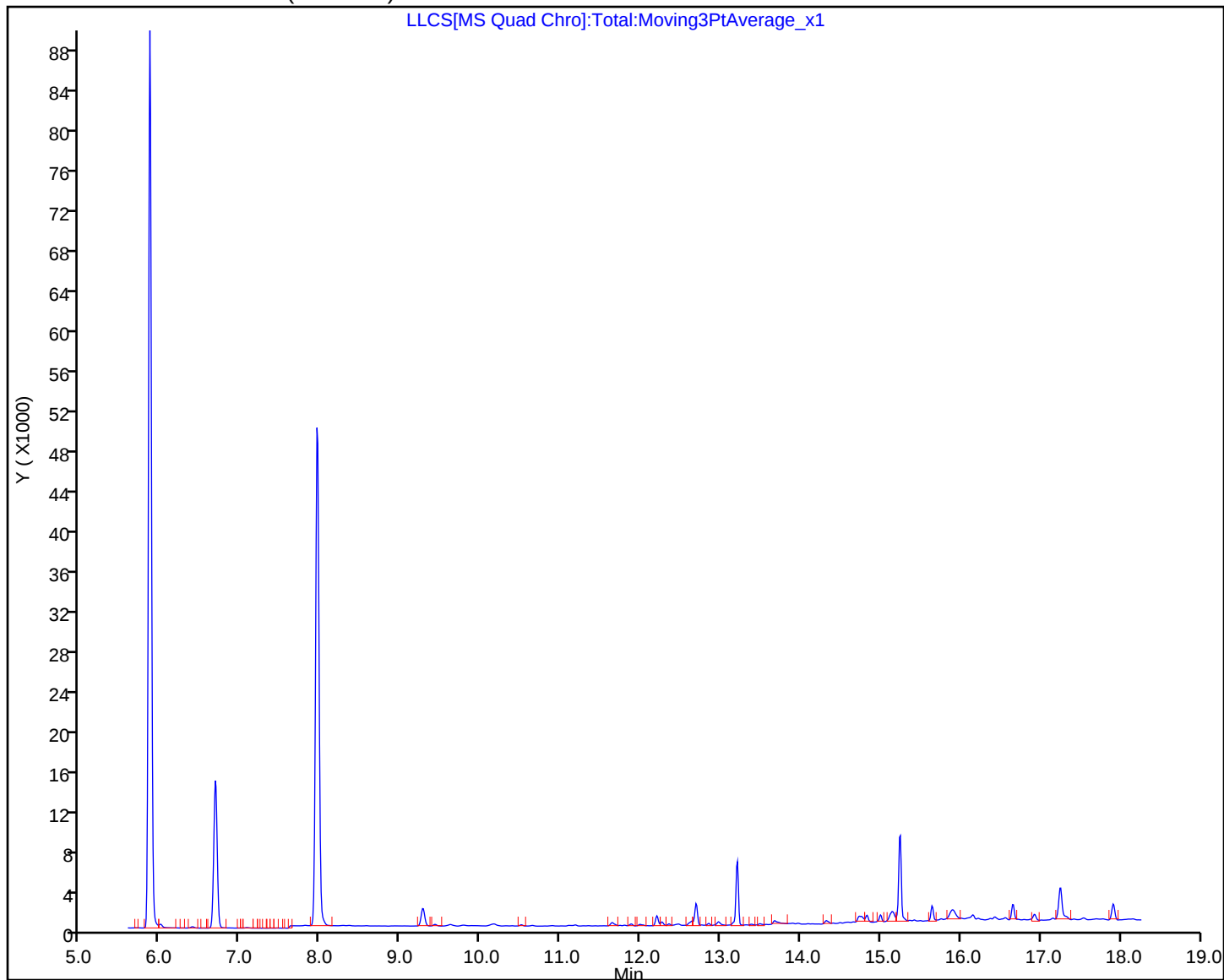
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: 522_GCMS-DM

Limit Group: MSS - 522

Column: CP Select 624 MS (0.25 mm)



Eurofins Eaton Analytical South Bend
Recovery Report

Data File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250922-41695.b\LLCS.D
Lims ID: LLCS 810-161233/2-A
Client ID:
Sample Type: LLCS
Inject. Date: 22-Sep-2025 15:54:36 ALS Bottle#: 4 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 810-0041695-003
Misc. Info.: LLCS 810-161233/2-A
Operator ID: TD Instrument ID: GCMS-DM
Raw Data: Smoothed
Method: \\ChromFS\Southbend\ChromData\GCMS-DM\20250922-41695.b\522_GCMS-DM.m
Limit Group: MSS - 522
Last Update: 23-Sep-2025 11:37:14 Calib Date: 11-Sep-2025 14:54:49
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250910-41284.b\100.D
Column 1 : CP Select 624 MS (0.25 mm) Det: MS Quad
Process Host: CTX1725

First Level Reviewer: D5UB

Date: 23-Sep-2025 09:50:39

Compound	Amount Added	Amount Recovered	% Rec.
\$ 9 1,4-Dioxane-d8 (Surr)	500.0	474.9	94.97

Eurofins Eaton Analytical South Bend

Data File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250922-41695.b\LLCS.D

Injection Date: 22-Sep-2025 15:54:36

Instrument ID: GCMS-DM

Lims ID: LLCS 810-161233/2-A

Client ID:

Operator ID: TD

ALS Bottle#:

4

Worklist Smp#: 3

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: 522_GCMS-DM

Limit Group: MSS - 522

Column: CP Select 624 MS (0.25 mm)

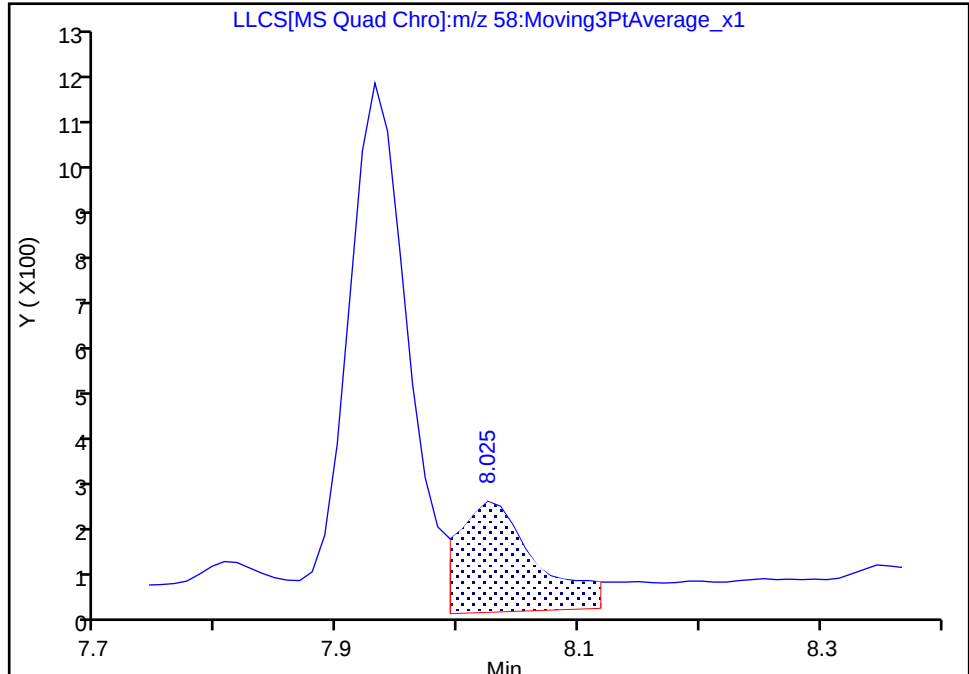
Detector: MS Quad

11 1,4-Dioxane, CAS: 123-91-1

Signal: 2

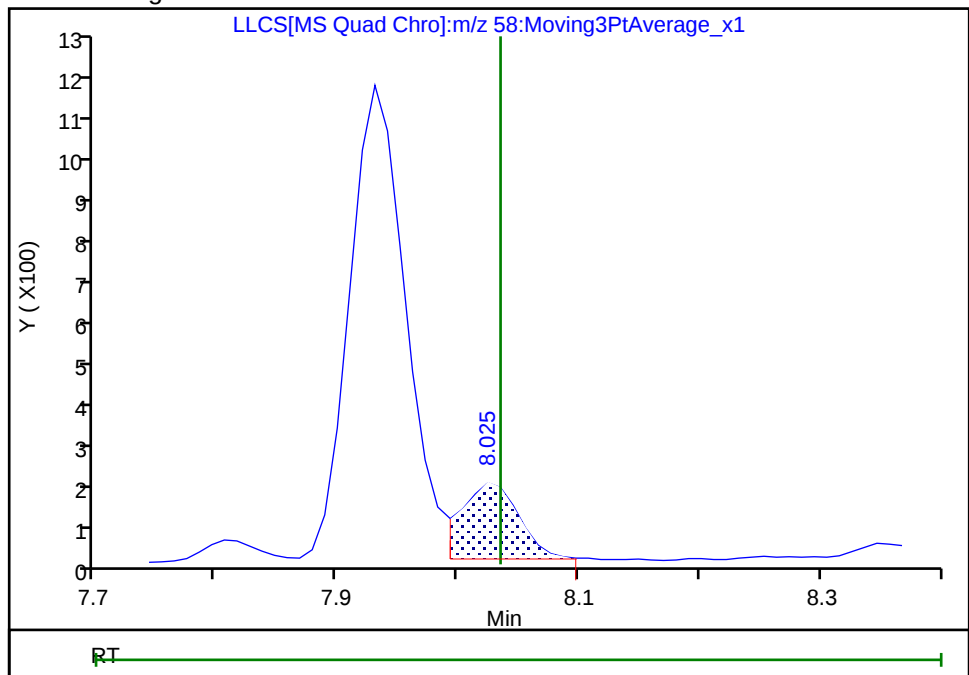
RT: 8.02
Area: 1043
Amount: 3.874933
Amount Units: ug/l

Processing Integration Results



RT: 8.02
Area: 538
Amount: 3.874933
Amount Units: ug/l

Manual Integration Results



Reviewer: D5UB, 23-Sep-2025 11:37:07 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Baseline

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Eaton Analytical South Bend Job No.: 810-164749-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: LLCS 810-161820/2-A

Matrix: Drinking Water Lab File ID: LLCS1.D

Analysis Method: 522 Date Collected: _____

Extract. Method: 522 Date Extracted: 09/25/2025 09:31

Sample wt/vol: 100 (mL) Date Analyzed: 09/29/2025 09:41

Con. Extract Vol.: 2 (mL) Dilution Factor: 1

Injection Volume: 1 (uL) GC Column: CPSelect 624 MS ID: 0.25 (mm)

% Moisture: _____ % Solids: _____ GPC Cleanup: (Y/N) N

Cleanup Factor: _____ Level: (low/med) Low

Analysis Batch No.: 161930 Units: ug/L

Preparation Batch No.: 161820 Instrument ID: GCMS-DM

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
123-91-1	1,4-Dioxane	0.0813		0.070	0.062

CAS NO.	SURROGATE	%REC	Q	LIMITS
17647-74-4	1,4-Dioxane-d8 (Surr)	93		70-130

Eurofins Eaton Analytical South Bend
Target Compound Quantitation Report

Data File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250925-41860.b\LLCS1.D
 Lims ID: LLCS 810-161820/2-A
 Client ID:
 Sample Type: LLCS
 Inject. Date: 29-Sep-2025 09:41:08 ALS Bottle#: 45 Worklist Smp#: 3
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 810-0041860-003
 Misc. Info.: LLCS 810-161820/2-A
 Operator ID: TD Instrument ID: GCMS-DM
 Raw Data: Smoothed
 Method: \\ChromFS\Southbend\ChromData\GCMS-DM\20250925-41860.b\522_GCMS-DM.m
 Limit Group: MSS - 522
 Last Update: 30-Sep-2025 09:45:56 Calib Date: 26-Sep-2025 12:59:32
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250925-41857.b\IC11.D
 Column 1 : CP Select 624 MS (0.25 mm) Det: MS Quad
 Process Host: CTX1664

First Level Reviewer: JH8B

Date: 30-Sep-2025 09:28:09

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 5 Tetrahydrofuran-d8	46	5.854	5.846	0.008	26	93461	500.0	500.0	
\$ 9 1,4-Dioxane-d8 (Surr)	96	7.952	7.952	0.000	0	66610	500.0	463.5	
11 1,4-Dioxane	88	8.035	8.024	0.011	79	567	3.50	4.07	M
10 BFB									

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

O-522BFBSUB_00029

Amount Added: 1.00

Units: mL

Run Reagent

Report Date: 30-Sep-2025 10:04:29

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Eaton Analytical South Bend

Data File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250925-41860.b\LLCS1.D

Injection Date: 29-Sep-2025 09:41:08

Instrument ID: GCMS-DM

Lims ID: LLCS 810-161820/2-A

Client ID:

Operator ID: TD

ALS Bottle#: 45

Worklist Smp#: 3

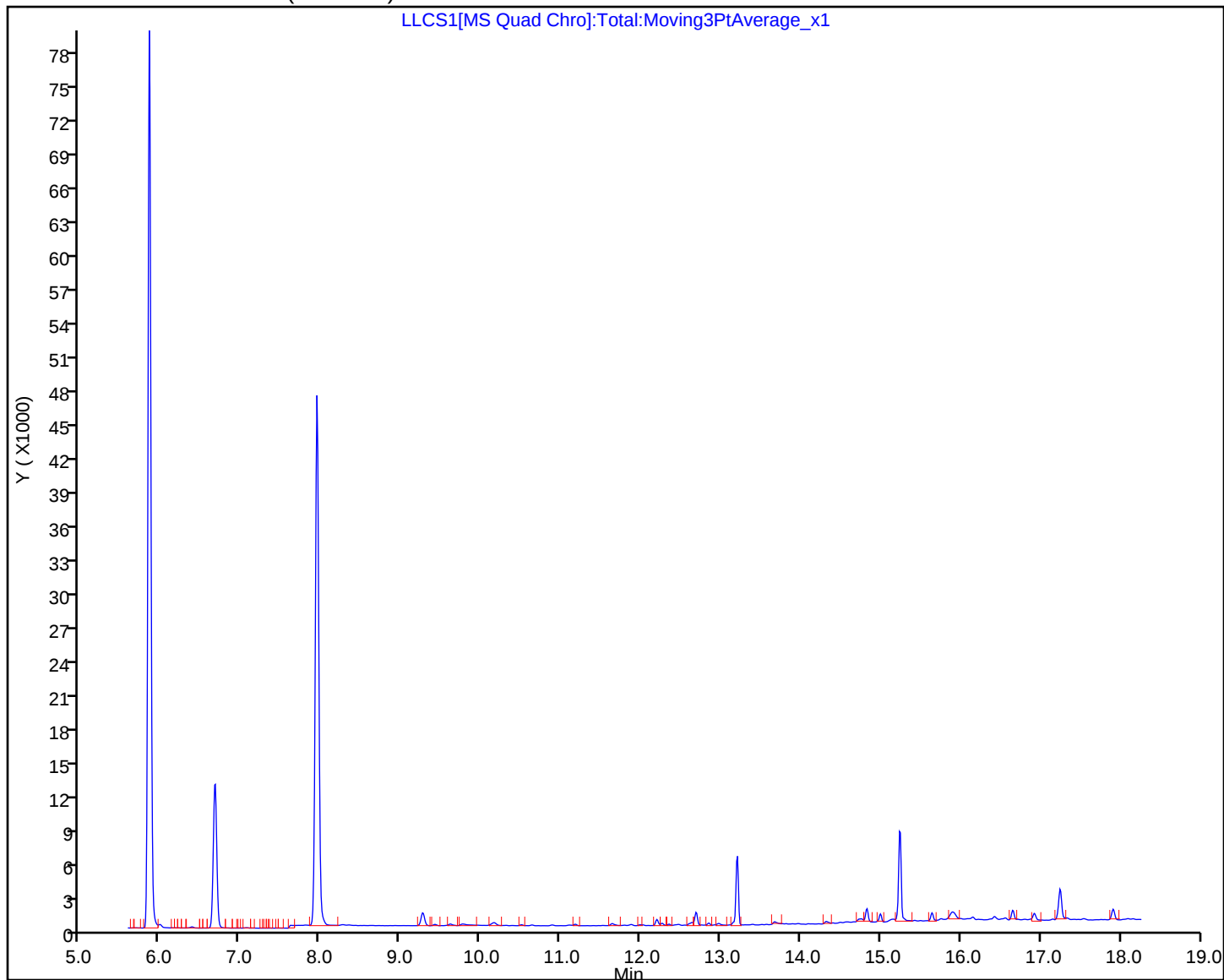
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: 522_GCMS-DM

Limit Group: MSS - 522

Column: CP Select 624 MS (0.25 mm)



Eurofins Eaton Analytical South Bend
Recovery Report

Data File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250925-41860.b\LLCS1.D
Lims ID: LLCS 810-161820/2-A
Client ID:
Sample Type: LLCS
Inject. Date: 29-Sep-2025 09:41:08 ALS Bottle#: 45 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 810-0041860-003
Misc. Info.: LLCS 810-161820/2-A
Operator ID: TD Instrument ID: GCMS-DM
Raw Data: Smoothed
Method: \\ChromFS\Southbend\ChromData\GCMS-DM\20250925-41860.b\522_GCMS-DM.m
Limit Group: MSS - 522
Last Update: 30-Sep-2025 09:45:56 Calib Date: 26-Sep-2025 12:59:32
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250925-41857.b\IC11.D
Column 1 : CP Select 624 MS (0.25 mm) Det: MS Quad
Process Host: CTX1664

First Level Reviewer: JH8B

Date: 30-Sep-2025 09:28:09

Compound	Amount Added	Amount Recovered	% Rec.
\$ 9 1,4-Dioxane-d8 (Surr)	500.0	463.5	92.70

Eurofins Eaton Analytical South Bend

Data File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250925-41860.b\LLCS1.D

Injection Date: 29-Sep-2025 09:41:08

Instrument ID: GCMS-DM

Lims ID: LLCS 810-161820/2-A

Client ID:

Operator ID: TD

ALS Bottle#:

45

Worklist Smp#: 3

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: 522_GCMS-DM

Limit Group: MSS - 522

Column: CP Select 624 MS (0.25 mm)

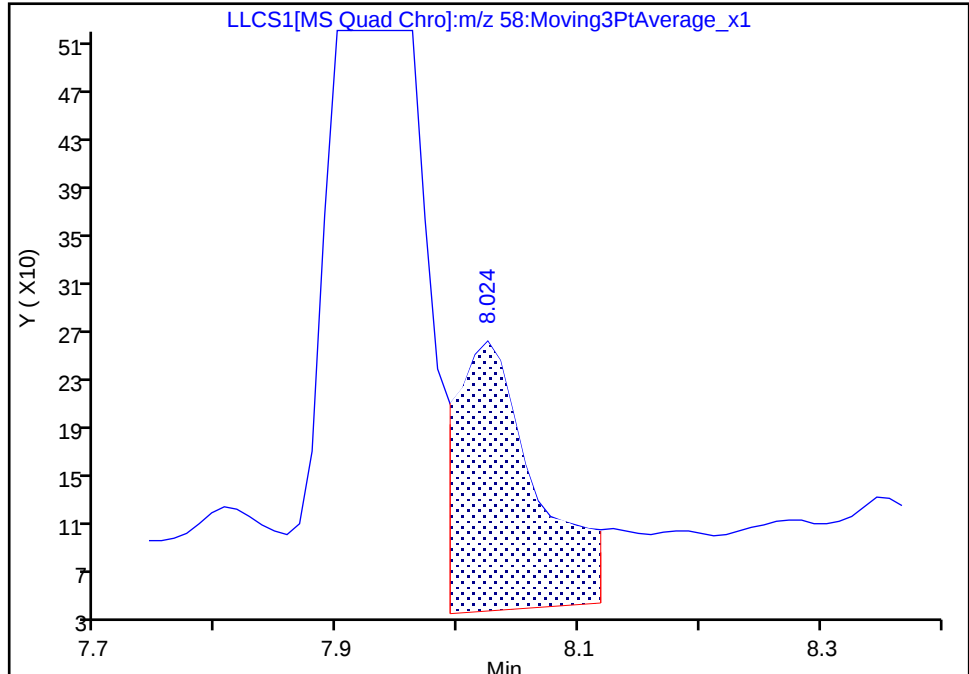
Detector MS Quad

11 1,4-Dioxane, CAS: 123-91-1

Signal: 2

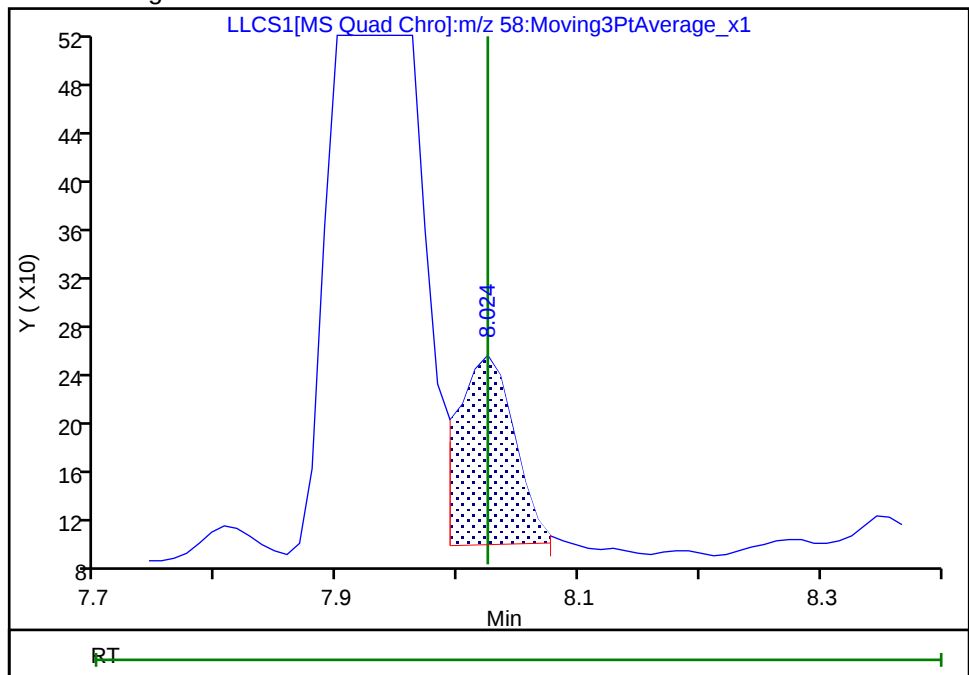
RT: 8.02
Area: 1064
Amount: 4.065894
Amount Units: ug/l

Processing Integration Results



RT: 8.02
Area: 507
Amount: 4.065894
Amount Units: ug/l

Manual Integration Results



Reviewer: JH8B, 30-Sep-2025 09:28:07 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Baseline

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Eaton Analytical South <u>Bend</u> SDG No.: _____ Client Sample ID: _____ Matrix: <u>Drinking Water</u> Analysis Method: <u>522</u> Extract. Method: <u>522</u> Sample wt/vol: <u>100 (mL)</u> Con. Extract Vol.: <u>2 (mL)</u> Injection Volume: <u>1 (uL)</u> % Moisture: _____ % Solids: _____ Cleanup Factor: _____ Analysis Batch No.: <u>162989</u> Preparation Batch No.: <u>162945</u>	Job No.: <u>810-164749-1</u> Lab Sample ID: <u>LLCS 810-162945/2-A</u> Lab File ID: <u>LLCS.D</u> Date Collected: _____ Date Extracted: <u>10/02/2025 10:13</u> Date Analyzed: <u>10/02/2025 17:59</u> Dilution Factor: <u>1</u> GC Column: <u>CPSelect 624 MS ID: 0.25 (mm)</u> GPC Cleanup: (Y/N) <u>N</u> Level: (low/med) <u>Low</u> Units: <u>ug/L</u> Instrument ID: <u>GCMS-FE</u>
--	--

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
123-91-1	1,4-Dioxane	0.0944		0.070	0.062

CAS NO.	SURROGATE	%REC	Q	LIMITS
17647-74-4	1,4-Dioxane-d8 (Surr)	104		70-130

Eurofins Eaton Analytical South Bend
Target Compound Quantitation Report

Data File: \\ChromFS\Southbend\ChromData\GCMS-FE\20251002-42135.b\LLCS.D
 Lims ID: LLCS 810-162945/2-A
 Client ID:
 Sample Type: LLCS
 Inject. Date: 02-Oct-2025 17:59:59 ALS Bottle#: 4 Worklist Smp#: 3
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 810-0042135-003
 Misc. Info.: LLCS 810-162945/2-A
 Operator ID: BC Instrument ID: GCMS-FE
 Raw Data: Smoothed
 Method: \\ChromFS\Southbend\ChromData\GCMS-FE\20251002-42135.b\522_GCMS-FE.m
 Limit Group: MSS - 522
 Last Update: 03-Oct-2025 10:58:50 Calib Date: 26-Sep-2025 19:42:21
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromFS\Southbend\ChromData\GCMS-FE\20250926-41908.b\IC100.D
 Column 1 : CP Select 624 MS (0.25 mm) Det: MS Quad
 Process Host: CTX1653

First Level Reviewer: JH8B

Date: 03-Oct-2025 09:50:56

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 5 Tetrahydrofuran-d8	46	6.495	6.488	0.007	27	61619	500.0	500.0	
\$ 9 1,4-Dioxane-d8 (Surr)	96	8.632	8.632	0.000	95	43605	500.0	519.7	
11 1,4-Dioxane	88	8.705	8.705	0.000	81	349	3.50	4.72	M

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Eurofins Eaton Analytical South Bend

Data File: \\ChromFS\Southbend\ChromData\GCMS-FE\20251002-42135.b\LLCS.D

Injection Date: 02-Oct-2025 17:59:59

Instrument ID: GCMS-FE

Lims ID: LLCS 810-162945/2-A

Client ID:

Operator ID: BC

ALS Bottle#: 4

Worklist Smp#: 3

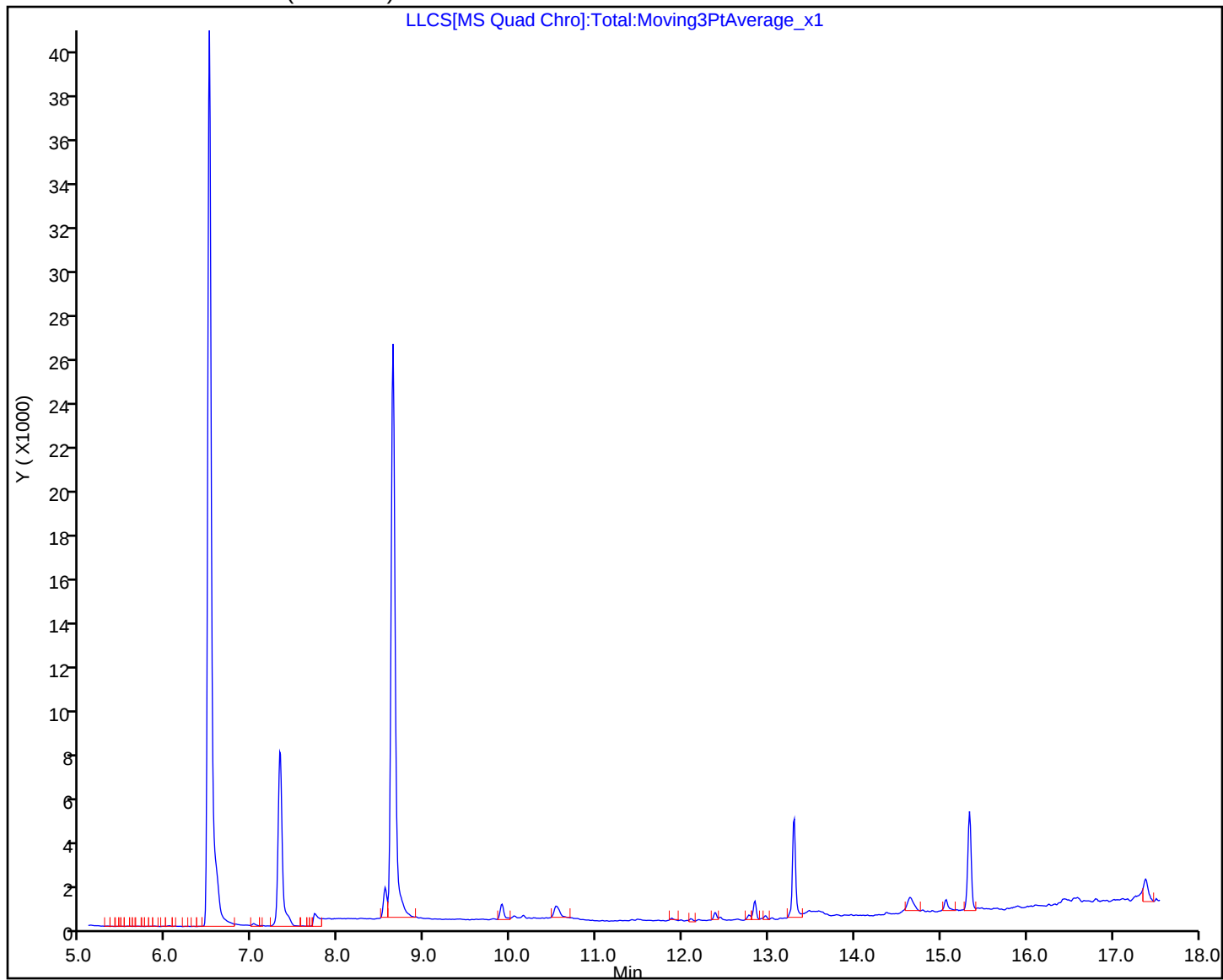
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: 522_GCMS-FE

Limit Group: MSS - 522

Column: CP Select 624 MS (0.25 mm)



Eurofins Eaton Analytical South Bend
Recovery Report

Data File: \\ChromFS\Southbend\ChromData\GCMS-FE\20251002-42135.b\LLCS.D
Lims ID: LLCS 810-162945/2-A
Client ID:
Sample Type: LLCS
Inject. Date: 02-Oct-2025 17:59:59 ALS Bottle#: 4 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 810-0042135-003
Misc. Info.: LLCS 810-162945/2-A
Operator ID: BC Instrument ID: GCMS-FE
Raw Data: Smoothed
Method: \\ChromFS\Southbend\ChromData\GCMS-FE\20251002-42135.b\522_GCMS-FE.m
Limit Group: MSS - 522
Last Update: 03-Oct-2025 10:58:50 Calib Date: 26-Sep-2025 19:42:21
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromFS\Southbend\ChromData\GCMS-FE\20250926-41908.b\IC100.D
Column 1 : CP Select 624 MS (0.25 mm) Det: MS Quad
Process Host: CTX1653

First Level Reviewer: JH8B

Date: 03-Oct-2025 09:50:56

Compound	Amount Added	Amount Recovered	% Rec.
\$ 9 1,4-Dioxane-d8 (Surr)	500.0	519.7	103.93

Eurofins Eaton Analytical South Bend

Data File: \\ChromFS\Southbend\ChromData\GCMS-FE\20251002-42135.b\LLCS.D

Injection Date: 02-Oct-2025 17:59:59

Instrument ID: GCMS-FE

Lims ID: LLCS 810-162945/2-A

Client ID:

Operator ID: BC

ALS Bottle#:

4

Worklist Smp#: 3

Injection Vol: 1.0 ul

Dil. Factor:

1.0000

Method: 522_GCMS-FE

Limit Group:

MSS - 522

Column: CP Select 624 MS (0.25 mm)

Detector

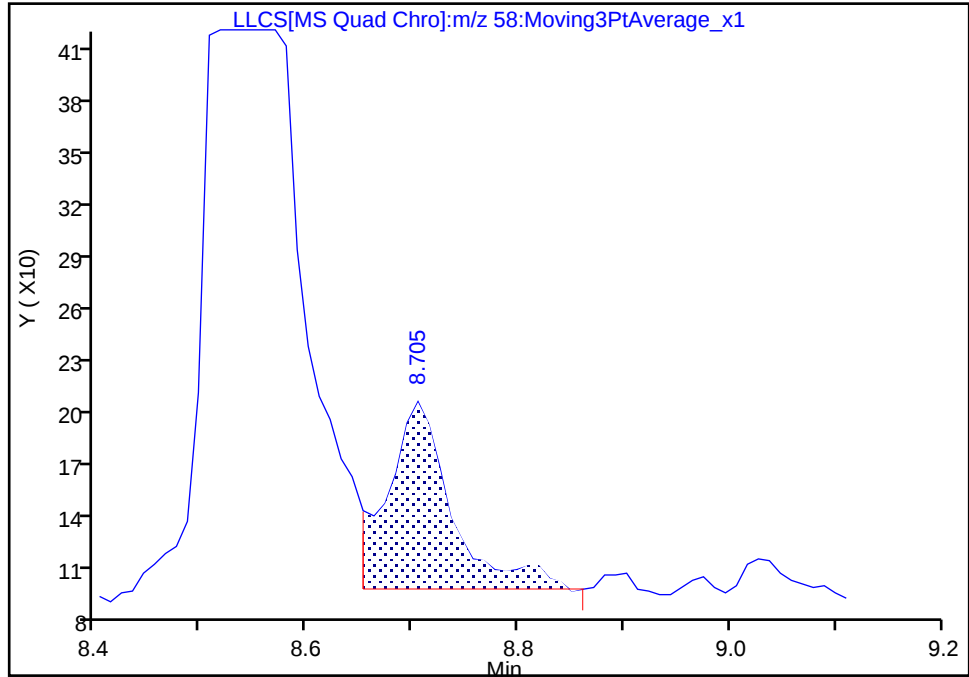
MS Quad

11 1,4-Dioxane, CAS: 123-91-1

Signal: 2

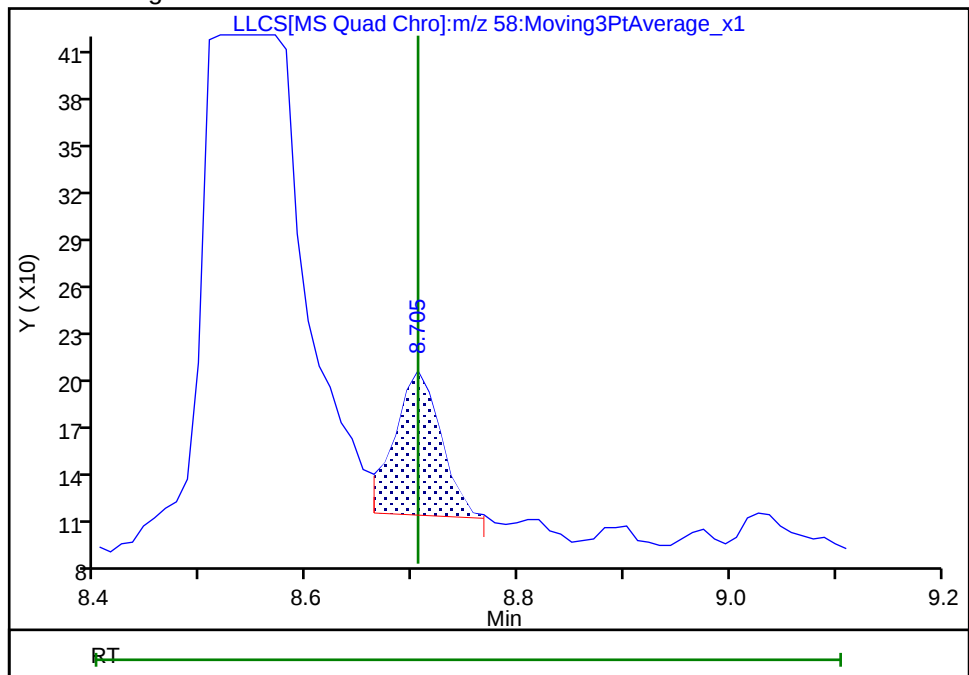
RT: 8.70
Area: 452
Amount: 5.178989
Amount Units: ug/l

Processing Integration Results



RT: 8.70
Area: 276
Amount: 4.722275
Amount Units: ug/l

Manual Integration Results



Reviewer: JH8B, 03-Oct-2025 09:50:55 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Baseline

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Eaton Analytical South <u>Bend</u>	Job No.: <u>810-164749-1</u>
SDG No.: _____	
Client Sample ID: <u>BPOW6-1-20250916MS MS</u>	Lab Sample ID: <u>810-164749-1 MS</u>
Matrix: <u>Drinking Water</u>	Lab File ID: <u>810-164749-A-1-A MS.D</u>
Analysis Method: <u>522</u>	Date Collected: <u>09/16/2025 10:10</u>
Extract. Method: <u>522</u>	Date Extracted: <u>09/22/2025 09:18</u>
Sample wt/vol: <u>100 (mL)</u>	Date Analyzed: <u>09/22/2025 23:23</u>
Con. Extract Vol.: <u>2 (mL)</u>	Dilution Factor: <u>1</u>
Injection Volume: <u>1 (uL)</u>	GC Column: <u>CPSelect 624 MS ID: 0.25 (mm)</u>
% Moisture: _____ % Solids: _____	GPC Cleanup: (Y/N) <u>N</u>
Cleanup Factor: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>161293</u>	Units: <u>ug/L</u>
Preparation Batch No.: <u>161233</u>	Instrument ID: <u>GCMS-DM</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
123-91-1	1,4-Dioxane	5.27		0.070	0.062

CAS NO.	SURROGATE	%REC	Q	LIMITS
17647-74-4	1,4-Dioxane-d8 (Surr)	96		70-130

Eurofins Eaton Analytical South Bend
Target Compound Quantitation Report

Data File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250922-41695.b\810-164749-A-1-A MS.D
 Lims ID: 810-164749-A-1-A MS
 Client ID: BPOW6-1-20250916MS
 Sample Type: MS
 Inject. Date: 22-Sep-2025 23:23:40 ALS Bottle#: 22 Worklist Smp#: 21
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 810-0041695-021
 Misc. Info.: 810-164749-A-1-A MS
 Operator ID: TD Instrument ID: GCMS-DM
 Raw Data: Smoothed
 Method: \\ChromFS\Southbend\ChromData\GCMS-DM\20250922-41695.b\522_GCMS-DM.m
 Limit Group: MSS - 522
 Last Update: 23-Sep-2025 11:37:41 Calib Date: 11-Sep-2025 14:54:49
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250910-41284.b\100.D
 Column 1 : CP Select 624 MS (0.25 mm) Det: MS Quad
 Process Host: CTX1725

First Level Reviewer: D5UB

Date: 23-Sep-2025 11:16:41

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 5 Tetrahydrofuran-d8	46	5.862	5.862	0.000	25	101694	500.0	500.0	
\$ 9 1,4-Dioxane-d8 (Surr)	96	7.952	7.962	-0.010	0	71662	500.0	479.8	
11 1,4-Dioxane	88	8.035	8.035	0.000	84	42544	250.0	263.5	M

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

O-522BFBSUB_00027

Amount Added: 1.00

Units: mL

Run Reagent

Eurofins Eaton Analytical South Bend

Data File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250922-41695.b\810-164749-A-1-A MS.D

Injection Date: 22-Sep-2025 23:23:40

Instrument ID: GCMS-DM

Lims ID: 810-164749-A-1-A MS

Client ID: BPOW6-1-20250916MS

Operator ID: TD

ALS Bottle#: 22

Worklist Smp#: 21

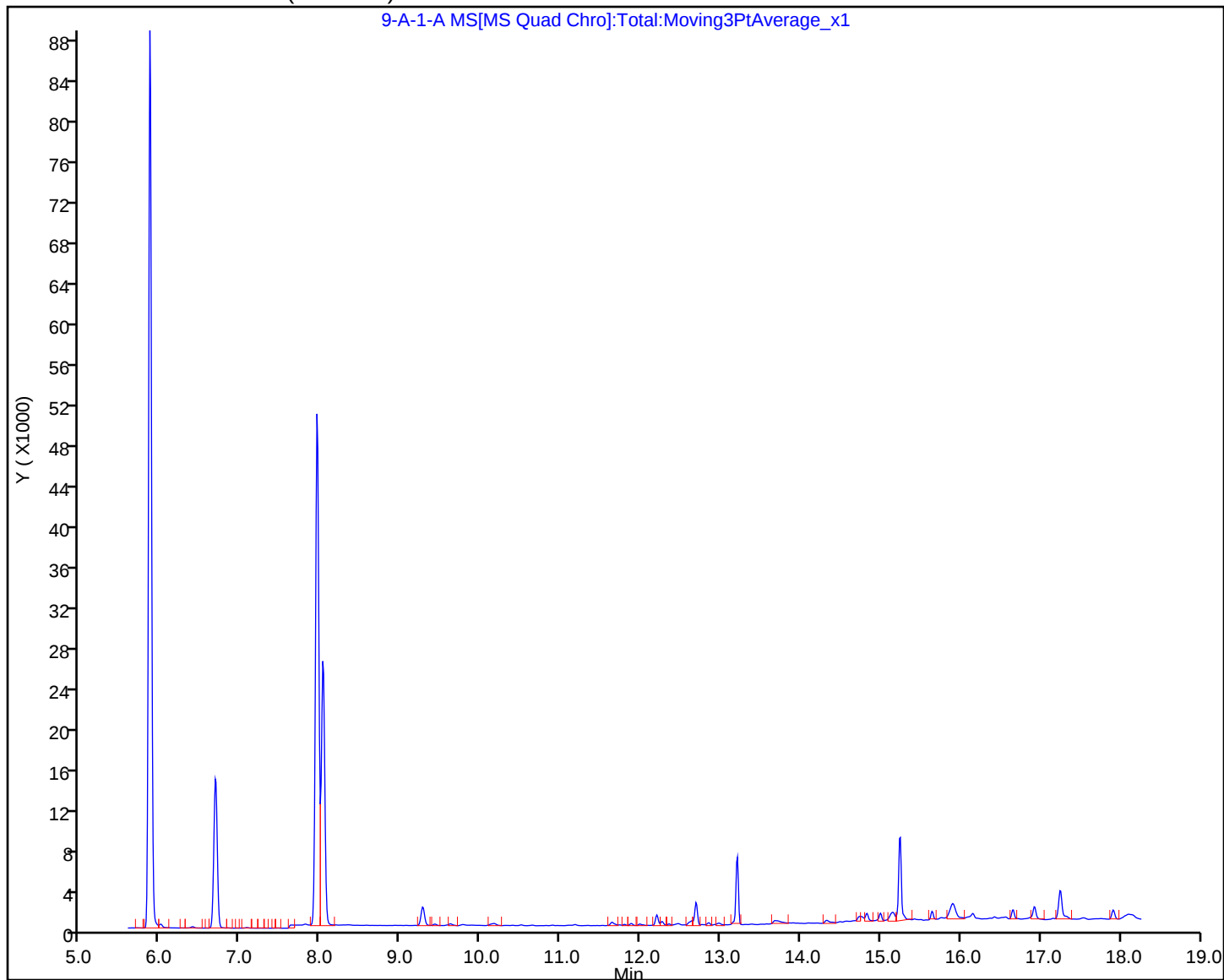
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: 522_GCMS-DM

Limit Group: MSS - 522

Column: CP Select 624 MS (0.25 mm)



Eurofins Eaton Analytical South Bend
Recovery Report

Data File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250922-41695.b\810-164749-A-1-A MS.D
Lims ID: 810-164749-A-1-A MS
Client ID: BPOW6-1-20250916MS
Sample Type: MS
Inject. Date: 22-Sep-2025 23:23:40 ALS Bottle#: 22 Worklist Smp#: 21
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 810-0041695-021
Misc. Info.: 810-164749-A-1-A MS
Operator ID: TD Instrument ID: GCMS-DM
Raw Data: Smoothed
Method: \\ChromFS\Southbend\ChromData\GCMS-DM\20250922-41695.b\522_GCMS-DM.m
Limit Group: MSS - 522
Last Update: 23-Sep-2025 11:37:41 Calib Date: 11-Sep-2025 14:54:49
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250910-41284.b\100.D
Column 1 : CP Select 624 MS (0.25 mm) Det: MS Quad
Process Host: CTX1725

First Level Reviewer: D5UB

Date: 23-Sep-2025 11:16:41

Compound	Amount Added	Amount Recovered	% Rec.
\$ 9 1,4-Dioxane-d8 (Surr)	500.0	479.8	95.95

Eurofins Eaton Analytical South Bend

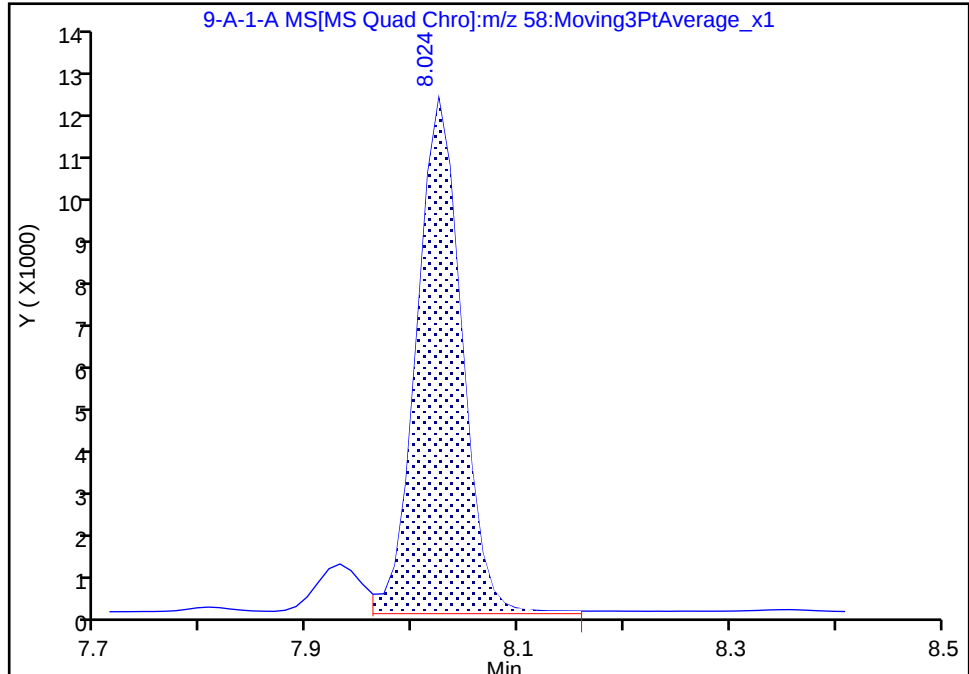
Data File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250922-41695.b\810-164749-A-1-A MS.D
Injection Date: 22-Sep-2025 23:23:40 Instrument ID: GCMS-DM
Lims ID: 810-164749-A-1-A MS
Client ID: BPOW6-1-20250916MS
Operator ID: TD ALS Bottle#: 22 Worklist Smp#: 21
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 522_GCMS-DM Limit Group: MSS - 522
Column: CP Select 624 MS (0.25 mm) Detector MS Quad

11 1,4-Dioxane, CAS: 123-91-1

Signal: 2

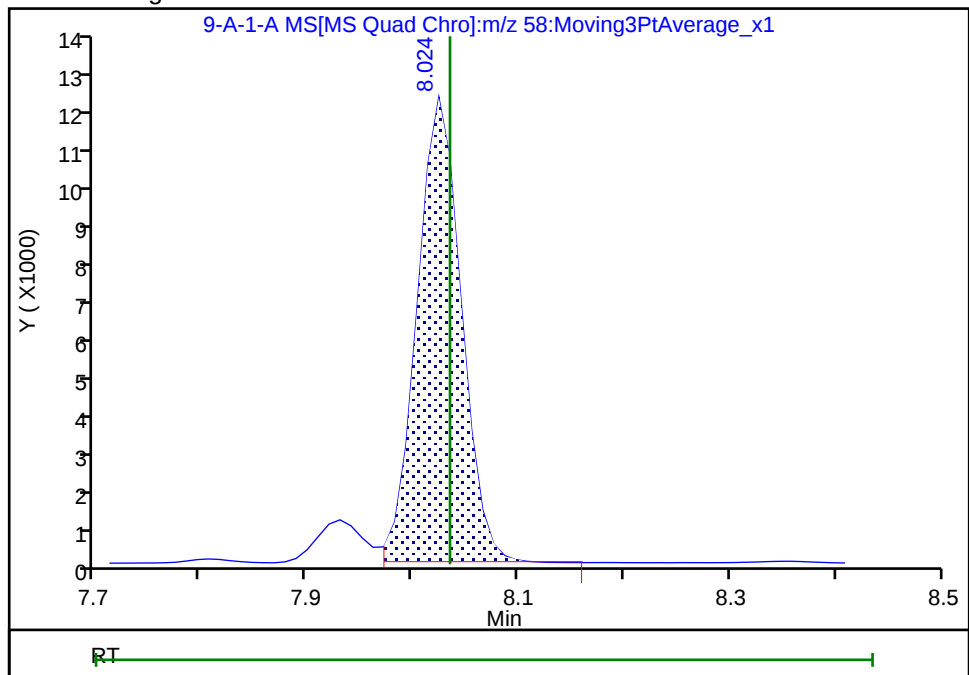
RT: 8.02
Area: 34986
Amount: 263.4732
Amount Units: ug/l

Processing Integration Results



RT: 8.02
Area: 33951
Amount: 263.4732
Amount Units: ug/l

Manual Integration Results



Reviewer: D5UB, 23-Sep-2025 11:11:41 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Baseline

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Eaton Analytical South Bend	Job No.: 810-164749-1
SDG No.:	
Client Sample ID: BPOW6-1-20250916MSD MSD	Lab Sample ID: 810-164749-1 MSD
Matrix: Drinking Water	Lab File ID: 810-164749-A-1-B MSD.D
Analysis Method: 522	Date Collected: 09/16/2025 10:10
Extract. Method: 522	Date Extracted: 09/22/2025 09:18
Sample wt/vol: 100 (mL)	Date Analyzed: 09/22/2025 23:48
Con. Extract Vol.: 2 (mL)	Dilution Factor: 1
Injection Volume: 1 (uL)	GC Column: CPSelect 624 MS ID: 0.25 (mm)
% Moisture: % Solids:	GPC Cleanup: (Y/N) N
Cleanup Factor:	Level: (low/med) Low
Analysis Batch No.: 161293	Units: ug/L
Preparation Batch No.: 161233	Instrument ID: GCMS-DM

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
123-91-1	1,4-Dioxane	5.09		0.070	0.062

CAS NO.	SURROGATE	%REC	Q	LIMITS
17647-74-4	1,4-Dioxane-d8 (Surr)	98		70-130

Eurofins Eaton Analytical South Bend
Target Compound Quantitation Report

Data File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250922-41695.b\810-164749-A-1-B MSD.D
 Lims ID: 810-164749-A-1-B MSD
 Client ID: BPOW6-1-20250916MSD
 Sample Type: MSD
 Inject. Date: 22-Sep-2025 23:48:38 ALS Bottle#: 23 Worklist Smp#: 22
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 810-0041695-022
 Misc. Info.: 810-164749-A-1-B MSD
 Operator ID: TD Instrument ID: GCMS-DM
 Raw Data: Smoothed
 Method: \\ChromFS\Southbend\ChromData\GCMS-DM\20250922-41695.b\522_GCMS-DM.m
 Limit Group: MSS - 522
 Last Update: 23-Sep-2025 11:37:41 Calib Date: 11-Sep-2025 14:54:49
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250910-41284.b\100.D
 Column 1 : CP Select 624 MS (0.25 mm) Det: MS Quad
 Process Host: CTX1725

First Level Reviewer: D5UB

Date: 23-Sep-2025 11:18:37

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 5 Tetrahydrofuran-d8	46	5.862	5.862	0.000	27	98982	500.0	500.0	
\$ 9 1,4-Dioxane-d8 (Surr)	96	7.962	7.962	0.000	0	71281	500.0	490.3	
11 1,4-Dioxane	88	8.035	8.035	0.000	84	40001	250.0	254.5	M

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

O-522BFBSUB_00027

Amount Added: 1.00

Units: mL

Run Reagent

Report Date: 23-Sep-2025 11:37:50

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Eaton Analytical South Bend

Data File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250922-41695.b\810-164749-A-1-B MSD.D

Injection Date: 22-Sep-2025 23:48:38

Instrument ID: GCMS-DM

Lims ID: 810-164749-A-1-B MSD

Client ID: BPOW6-1-20250916MSD

Operator ID: TD

ALS Bottle#: 23

Worklist Smp#: 22

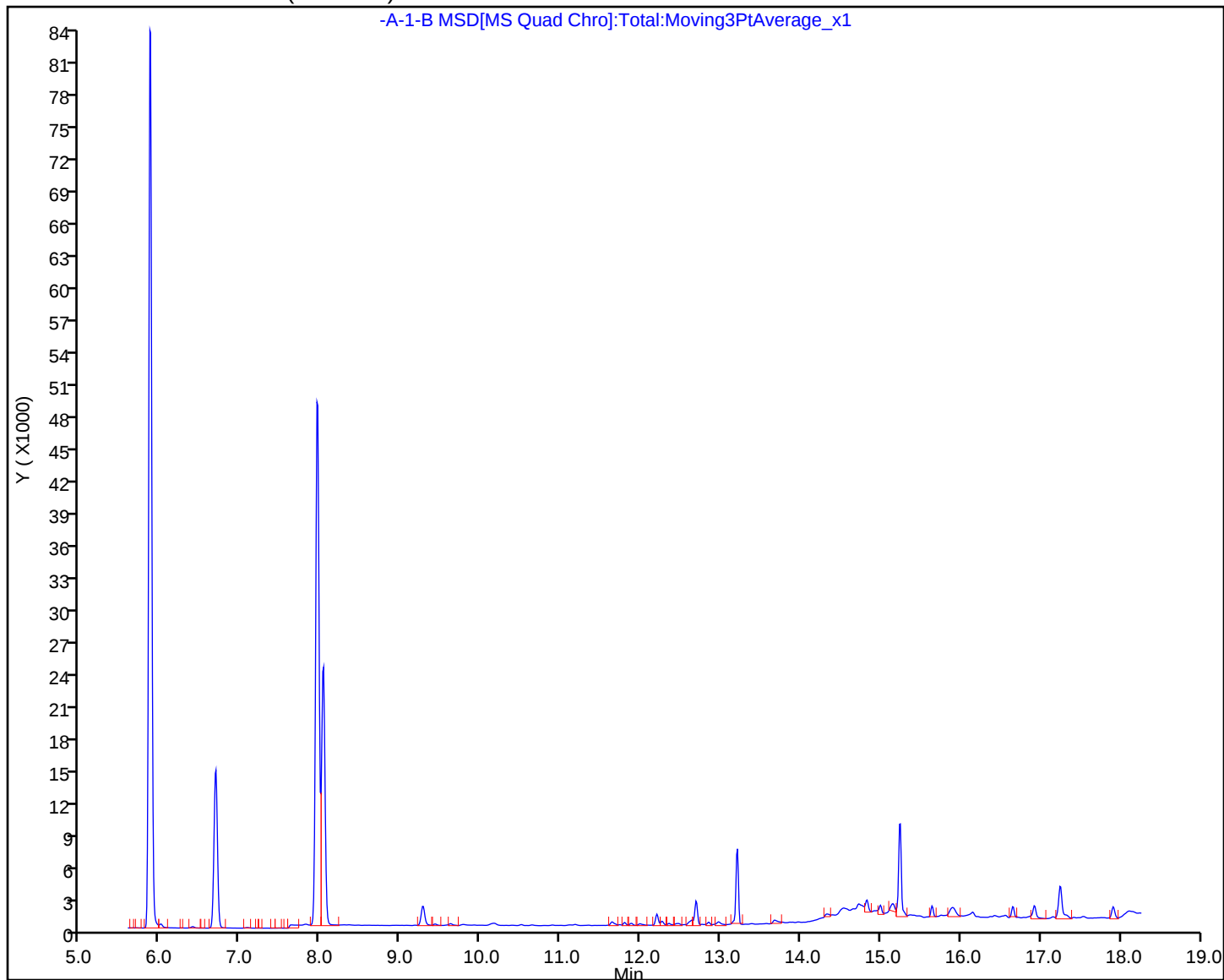
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: 522_GCMS-DM

Limit Group: MSS - 522

Column: CP Select 624 MS (0.25 mm)



Eurofins Eaton Analytical South Bend
Recovery Report

Data File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250922-41695.b\810-164749-A-1-B MSD.D
Lims ID: 810-164749-A-1-B MSD
Client ID: BPOW6-1-20250916MSD
Sample Type: MSD
Inject. Date: 22-Sep-2025 23:48:38 ALS Bottle#: 23 Worklist Smp#: 22
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 810-0041695-022
Misc. Info.: 810-164749-A-1-B MSD
Operator ID: TD Instrument ID: GCMS-DM
Raw Data: Smoothed
Method: \\ChromFS\Southbend\ChromData\GCMS-DM\20250922-41695.b\522_GCMS-DM.m
Limit Group: MSS - 522
Last Update: 23-Sep-2025 11:37:41 Calib Date: 11-Sep-2025 14:54:49
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250910-41284.b\100.D
Column 1 : CP Select 624 MS (0.25 mm) Det: MS Quad
Process Host: CTX1725

First Level Reviewer: D5UB

Date: 23-Sep-2025 11:18:37

Compound	Amount Added	Amount Recovered	% Rec.
\$ 9 1,4-Dioxane-d8 (Surr)	500.0	490.3	98.06

Eurofins Eaton Analytical South Bend

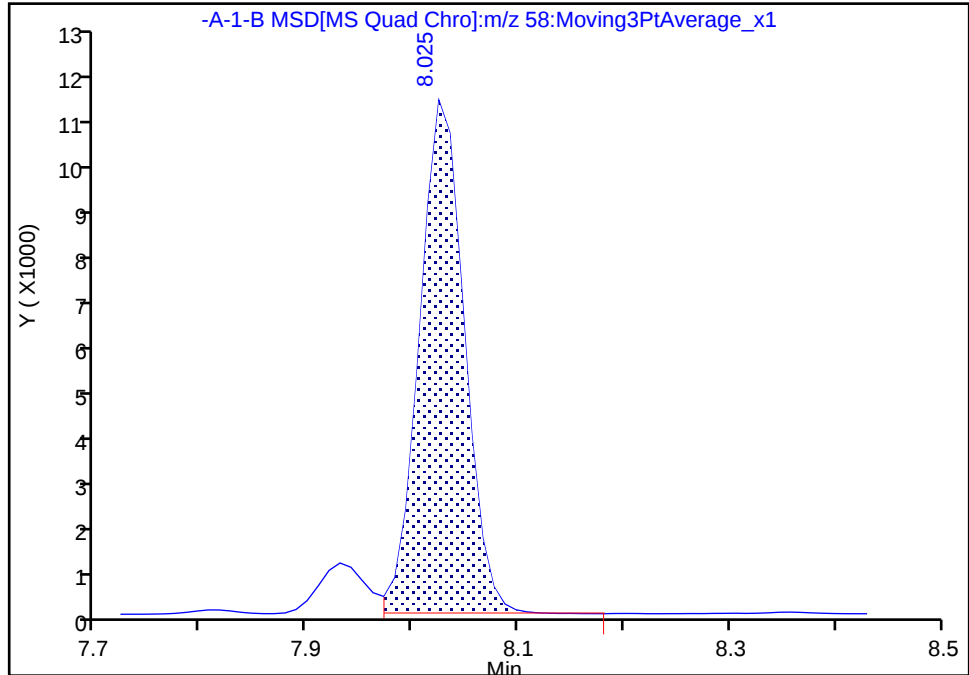
Data File: \\ChromFS\Southbend\ChromData\GCMS-DM\20250922-41695.b\810-164749-A-1-B MSD.D
Injection Date: 22-Sep-2025 23:48:38 Instrument ID: GCMS-DM
Lims ID: 810-164749-A-1-B MSD
Client ID: BPOW6-1-20250916MSD
Operator ID: TD ALS Bottle#: 23 Worklist Smp#: 22
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 522_GCMS-DM Limit Group: MSS - 522
Column: CP Select 624 MS (0.25 mm) Detector: MS Quad

11 1,4-Dioxane, CAS: 123-91-1

Signal: 2

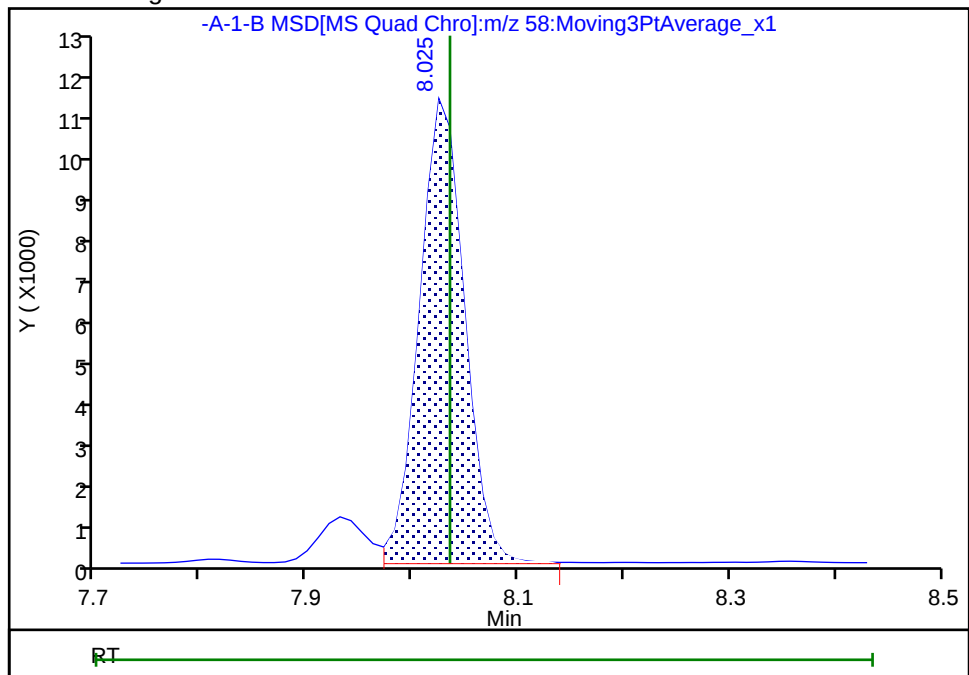
RT: 8.02
Area: 32067
Amount: 256.2088
Amount Units: ug/l

Processing Integration Results



RT: 8.02
Area: 31968
Amount: 254.5173
Amount Units: ug/l

Manual Integration Results



Reviewer: D5UB, 23-Sep-2025 11:17:14 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Baseline

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: Eurofins Eaton Analytical South Bend

Job No.: 810-164749-1

SDG No.:

Instrument ID: GCMS-DM

Start Date: 09/11/2025 10:13

Analysis Batch Number: 159668

End Date: 09/11/2025 21:06

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 810-159668/1		09/11/2025 10:13	1	BFB .D	CPSelect 624 MS 0.25 (mm)
IC 810-159612/4-A		09/11/2025 10:45	1	007 .D	CPSelect 624 MS 0.25 (mm)
IC 810-159612/5-A		09/11/2025 11:09	1	01 .D	CPSelect 624 MS 0.25 (mm)
IC 810-159612/6-A		09/11/2025 11:35	1	02 .D	CPSelect 624 MS 0.25 (mm)
IC 810-159612/7-A		09/11/2025 12:00	1	05 .D	CPSelect 624 MS 0.25 (mm)
IC 810-159612/8-A		09/11/2025 12:25	1	1 .D	CPSelect 624 MS 0.25 (mm)
IC 810-159612/9-A		09/11/2025 12:50	1	2 .D	CPSelect 624 MS 0.25 (mm)
ICISAV 810-159612/10-A		09/11/2025 13:15	1	5 .D	CPSelect 624 MS 0.25 (mm)
IC 810-159612/11-A		09/11/2025 13:40	1	10 .D	CPSelect 624 MS 0.25 (mm)
IC 810-159612/12-A		09/11/2025 14:04	1	20.D	CPSelect 624 MS 0.25 (mm)
IC 810-159612/13-A		09/11/2025 14:29	1	50.D	CPSelect 624 MS 0.25 (mm)
IC 810-159612/14-A		09/11/2025 14:54	1	100.D	CPSelect 624 MS 0.25 (mm)
ICV 810-159612/15-A		09/11/2025 15:44	1	ICV.D	CPSelect 624 MS 0.25 (mm)
CCVLIS 810-159612/1-A		09/11/2025 16:09	1		CPSelect 624 MS 0.25 (mm)
ZZZZZ (QC)		09/11/2025 16:58	1		CPSelect 624 MS 0.25 (mm)
ZZZZZ (QC)		09/11/2025 17:23	1		CPSelect 624 MS 0.25 (mm)
ZZZZZ (QC)		09/11/2025 17:48	1		CPSelect 624 MS 0.25 (mm)
ZZZZZ (Client)		09/11/2025 18:13	1		CPSelect 624 MS 0.25 (mm)
ZZZZZ (Client)		09/11/2025 18:38	1		CPSelect 624 MS 0.25 (mm)
ZZZZZ (QC)		09/11/2025 19:03	1		CPSelect 624 MS 0.25 (mm)
ZZZZZ (QC)		09/11/2025 19:27	1		CPSelect 624 MS 0.25 (mm)
ZZZZZ (Client)		09/11/2025 19:52	1		CPSelect 624 MS 0.25 (mm)
ZZZZZ (Client)		09/11/2025 20:17	1		CPSelect 624 MS 0.25 (mm)
ZZZZZ (Client)		09/11/2025 20:41	1		CPSelect 624 MS 0.25 (mm)
CCVIS 810-159612/2-A		09/11/2025 21:06	1		CPSelect 624 MS 0.25 (mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: Eurofins Eaton Analytical South Bend

Job No.: 810-164749-1

SDG No.:

Instrument ID: GCMS-DM

Start Date: 09/22/2025 14:39

Analysis Batch Number: 161293

End Date: 09/23/2025 01:53

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCVLIS 810-161283/1-A		09/22/2025 14:39	1	CCVL.D	CPSelect 624 MS 0.25 (mm)
MBL 810-161233/1-A		09/22/2025 15:29	1	MBL.D	CPSelect 624 MS 0.25 (mm)
LLCS 810-161233/2-A		09/22/2025 15:54	1	LLCS.D	CPSelect 624 MS 0.25 (mm)
ZZZZZ (Client)		09/22/2025 16:19	1		CPSelect 624 MS 0.25 (mm)
ZZZZZ (Client)		09/22/2025 16:44	1		CPSelect 624 MS 0.25 (mm)
ZZZZZ (Client)		09/22/2025 17:09	1		CPSelect 624 MS 0.25 (mm)
ZZZZZ (Client)		09/22/2025 17:34	1		CPSelect 624 MS 0.25 (mm)
ZZZZZ (Client)		09/22/2025 17:59	1		CPSelect 624 MS 0.25 (mm)
ZZZZZ (Client)		09/22/2025 18:24	1		CPSelect 624 MS 0.25 (mm)
ZZZZZ (Client)		09/22/2025 18:49	1		CPSelect 624 MS 0.25 (mm)
ZZZZZ (Client)		09/22/2025 19:14	1		CPSelect 624 MS 0.25 (mm)
ZZZZZ (Client)		09/22/2025 19:39	1		CPSelect 624 MS 0.25 (mm)
ZZZZZ (Client)		09/22/2025 20:04	1		CPSelect 624 MS 0.25 (mm)
CCVIS 810-161283/2-A		09/22/2025 20:29	1	CCVM.D	CPSelect 624 MS 0.25 (mm)
ZZZZZ (Client)		09/22/2025 20:54	1		CPSelect 624 MS 0.25 (mm)
ZZZZZ (Client)		09/22/2025 21:19	1		CPSelect 624 MS 0.25 (mm)
ZZZZZ (Client)		09/22/2025 21:43	1		CPSelect 624 MS 0.25 (mm)
ZZZZZ (Client)		09/22/2025 22:08	1		CPSelect 624 MS 0.25 (mm)
ZZZZZ (Client)		09/22/2025 22:33	1		CPSelect 624 MS 0.25 (mm)
810-164749-1	BPOW6-1-20250916	09/22/2025 22:58	1	810-164749-A-1-D.D	CPSelect 624 MS 0.25 (mm)
810-164749-1 MS	BPOW6-1-20250916MS MS	09/22/2025 23:23	1	810-164749-A-1-A MS.D	CPSelect 624 MS 0.25 (mm)
810-164749-1 MSD	BPOW6-1-20250916MSD MSD	09/22/2025 23:48	1	810-164749-A-1-B MSD.D	CPSelect 624 MS 0.25 (mm)
810-164749-2	BPOW6-4-20250916	09/23/2025 00:13	1	810-164749-A-2-B.D	CPSelect 624 MS 0.25 (mm)
810-164749-3	BPOW6-9-20250916	09/23/2025 00:38	1	810-164749-A-3-B.D	CPSelect 624 MS 0.25 (mm)
810-164749-4	BPOW6-3-20250916	09/23/2025 01:03	1	810-164749-B-4-B.D	CPSelect 624 MS 0.25 (mm)
810-164749-5	BPOW6-2-20250916	09/23/2025 01:28	1	810-164749-A-5-B.D	CPSelect 624 MS 0.25 (mm)
CCV 810-161283/3-A		09/23/2025 01:53	1	CCVH.D	CPSelect 624 MS 0.25 (mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: Eurofins Eaton Analytical South Bend

Job No.: 810-164749-1

SDG No.:

Instrument ID: GCMS-DM

Start Date: 09/26/2025 08:48

Analysis Batch Number: 161928

End Date: 09/26/2025 22:32

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
IC 810-161845/4-A		09/26/2025 08:48	1	IC1.D	CPSelect 624 MS 0.25 (mm)
IC 810-161845/5-A		09/26/2025 09:14	1	IC2.D	CPSelect 624 MS 0.25 (mm)
IC 810-161845/6-A		09/26/2025 09:39	1	IC3.D	CPSelect 624 MS 0.25 (mm)
IC 810-161845/7-A		09/26/2025 10:04	1	IC4.D	CPSelect 624 MS 0.25 (mm)
IC 810-161845/8-A		09/26/2025 10:29	1	IC5.D	CPSelect 624 MS 0.25 (mm)
IC 810-161845/9-A		09/26/2025 10:54	1	IC6.D	CPSelect 624 MS 0.25 (mm)
ICISAV 810-161845/10-A		09/26/2025 11:19	1	IC7.D	CPSelect 624 MS 0.25 (mm)
IC 810-161845/11-A		09/26/2025 11:44	1	IC8.D	CPSelect 624 MS 0.25 (mm)
IC 810-161845/12-A		09/26/2025 12:09	1	IC9.D	CPSelect 624 MS 0.25 (mm)
IC 810-161845/13-A		09/26/2025 12:34	1	IC10.D	CPSelect 624 MS 0.25 (mm)
IC 810-161845/14-A		09/26/2025 12:59	1	IC11.D	CPSelect 624 MS 0.25 (mm)
ICV 810-161845/15-A		09/26/2025 13:49	1	ICV.D	CPSelect 624 MS 0.25 (mm)
CCVLIS 810-161662/1-A		09/26/2025 14:14	1		CPSelect 624 MS 0.25 (mm)
ZZZZZ (QC)		09/26/2025 15:03	1		CPSelect 624 MS 0.25 (mm)
ZZZZZ (QC)		09/26/2025 15:53	1		CPSelect 624 MS 0.25 (mm)
ZZZZZ (Client)		09/26/2025 16:18	1		CPSelect 624 MS 0.25 (mm)
ZZZZZ (Client)		09/26/2025 16:43	1		CPSelect 624 MS 0.25 (mm)
ZZZZZ (Client)		09/26/2025 17:08	1		CPSelect 624 MS 0.25 (mm)
ZZZZZ (Client)		09/26/2025 17:33	1		CPSelect 624 MS 0.25 (mm)
ZZZZZ (Client)		09/26/2025 17:58	1		CPSelect 624 MS 0.25 (mm)
ZZZZZ (Client)		09/26/2025 18:23	1		CPSelect 624 MS 0.25 (mm)
ZZZZZ (Client)		09/26/2025 18:48	1		CPSelect 624 MS 0.25 (mm)
ZZZZZ (Client)		09/26/2025 19:13	1		CPSelect 624 MS 0.25 (mm)
ZZZZZ (Client)		09/26/2025 19:38	1		CPSelect 624 MS 0.25 (mm)
ZZZZZ (Client)		09/26/2025 20:03	1		CPSelect 624 MS 0.25 (mm)
CCVIS 810-161662/2-A		09/26/2025 20:28	1		CPSelect 624 MS 0.25 (mm)
ZZZZZ (Client)		09/26/2025 20:52	1		CPSelect 624 MS 0.25 (mm)
ZZZZZ (Client)		09/26/2025 21:17	1		CPSelect 624 MS 0.25 (mm)
ZZZZZ (Client)		09/26/2025 21:42	1		CPSelect 624 MS 0.25 (mm)
ZZZZZ (Client)		09/26/2025 22:07	1		CPSelect 624 MS 0.25 (mm)
ZZZZZ (Client)		09/26/2025 22:32	1		CPSelect 624 MS 0.25 (mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: Eurofins Eaton Analytical South Bend

Job No.: 810-164749-1

SDG No.:

Instrument ID: GCMS-DM

Start Date: 09/29/2025 08:26

Analysis Batch Number: 161930

End Date: 09/29/2025 20:08

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCVLIS 810-161845/1-A		09/29/2025 08:26	1	CCVL1.D	CPSelect 624 MS 0.25 (mm)
MBL 810-161820/1-A		09/29/2025 09:16	1	MB1.D	CPSelect 624 MS 0.25 (mm)
LLCS 810-161820/2-A		09/29/2025 09:41	1	LLCS1.D	CPSelect 624 MS 0.25 (mm)
LCS 810-161820/3-A		09/29/2025 10:06	1	LCS1.D	CPSelect 624 MS 0.25 (mm)
810-164749-6	BPOW6-10-20250916	09/29/2025 10:31	1	810-164749-A-6- B.D	CPSelect 624 MS 0.25 (mm)
ZZZZZ (Client)		09/29/2025 10:56	1		CPSelect 624 MS 0.25 (mm)
ZZZZZ (Client)		09/29/2025 11:21	1		CPSelect 624 MS 0.25 (mm)
ZZZZZ (Client)		09/29/2025 11:46	1		CPSelect 624 MS 0.25 (mm)
810-164749-10	BPOW6-6-20250917	09/29/2025 12:11	1	810-164749-A-10 -A.D	CPSelect 624 MS 0.25 (mm)
ZZZZZ (Client)		09/29/2025 12:36	1		CPSelect 624 MS 0.25 (mm)
ZZZZZ (Client)		09/29/2025 13:02	1		CPSelect 624 MS 0.25 (mm)
ZZZZZ (Client)		09/29/2025 13:27	1		CPSelect 624 MS 0.25 (mm)
ZZZZZ (Client)		09/29/2025 13:52	1		CPSelect 624 MS 0.25 (mm)
ZZZZZ (Client)		09/29/2025 14:17	1		CPSelect 624 MS 0.25 (mm)
CCVIS 810-161845/2-A		09/29/2025 14:42	1	CCVM1.D	CPSelect 624 MS 0.25 (mm)
ZZZZZ (Client)		09/29/2025 15:07	1		CPSelect 624 MS 0.25 (mm)
ZZZZZ (Client)		09/29/2025 15:32	1		CPSelect 624 MS 0.25 (mm)
ZZZZZ (Client)		09/29/2025 15:57	1		CPSelect 624 MS 0.25 (mm)
ZZZZZ (Client)		09/29/2025 16:22	1		CPSelect 624 MS 0.25 (mm)
ZZZZZ (Client)		09/29/2025 16:48	1		CPSelect 624 MS 0.25 (mm)
ZZZZZ (QC)		09/29/2025 17:13	1		CPSelect 624 MS 0.25 (mm)
ZZZZZ (QC)		09/29/2025 17:38	1		CPSelect 624 MS 0.25 (mm)
ZZZZZ (Client)		09/29/2025 18:03	1		CPSelect 624 MS 0.25 (mm)
ZZZZZ (Client)		09/29/2025 18:28	1		CPSelect 624 MS 0.25 (mm)
ZZZZZ (Client)		09/29/2025 18:53	1		CPSelect 624 MS 0.25 (mm)
ZZZZZ (Client)		09/29/2025 19:18	1		CPSelect 624 MS 0.25 (mm)
ZZZZZ (Client)		09/29/2025 19:43	1		CPSelect 624 MS 0.25 (mm)
CCV 810-161845/3-A		09/29/2025 20:08	1	CCVH1.D	CPSelect 624 MS 0.25 (mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: Eurofins Eaton Analytical South Bend

Job No.: 810-164749-1

SDG No.:

Instrument ID: GCMS-FE

Start Date: 09/26/2025 15:17

Analysis Batch Number: 162117

End Date: 09/27/2025 06:33

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 810-162117/1		09/26/2025 15:17	1	BFB 1.D	CPSelect 624 MS 0.25 (mm)
IC 810-161845/4-A		09/26/2025 16:05	1	IC 007.D	CPSelect 624 MS 0.25 (mm)
IC 810-161845/5-A		09/26/2025 16:26	1	IC 01.D	CPSelect 624 MS 0.25 (mm)
IC 810-161845/6-A		09/26/2025 16:48	1	IC 02.D	CPSelect 624 MS 0.25 (mm)
IC 810-161845/7-A		09/26/2025 17:10	1	IC 05.D	CPSelect 624 MS 0.25 (mm)
IC 810-161845/8-A		09/26/2025 17:31	1	IC 1.D	CPSelect 624 MS 0.25 (mm)
IC 810-161845/9-A		09/26/2025 17:53	1	IC 2.D	CPSelect 624 MS 0.25 (mm)
ICISAV 810-161845/10-A		09/26/2025 18:15	1	IC 5.D	CPSelect 624 MS 0.25 (mm)
IC 810-161845/11-A		09/26/2025 18:37	1	IC 10.D	CPSelect 624 MS 0.25 (mm)
IC 810-161845/12-A		09/26/2025 18:58	1	IC 20.D	CPSelect 624 MS 0.25 (mm)
IC 810-161845/13-A		09/26/2025 19:20	1	IC 50.D	CPSelect 624 MS 0.25 (mm)
IC 810-161845/14-A		09/26/2025 19:42	1	IC100.D	CPSelect 624 MS 0.25 (mm)
ICV 810-161845/15-A		09/26/2025 20:25	1	ICV.D	CPSelect 624 MS 0.25 (mm)
CCVLIS 810-162098/1-A		09/26/2025 20:47	1		CPSelect 624 MS 0.25 (mm)
ZZZZZ (QC)		09/26/2025 21:31	1		CPSelect 624 MS 0.25 (mm)
ZZZZZ (QC)		09/26/2025 21:52	1		CPSelect 624 MS 0.25 (mm)
ZZZZZ (Client)		09/26/2025 22:14	1		CPSelect 624 MS 0.25 (mm)
ZZZZZ (Client)		09/26/2025 22:36	1		CPSelect 624 MS 0.25 (mm)
ZZZZZ (Client)		09/26/2025 22:57	1		CPSelect 624 MS 0.25 (mm)
ZZZZZ (Client)		09/26/2025 23:19	1		CPSelect 624 MS 0.25 (mm)
ZZZZZ (Client)		09/26/2025 23:41	1		CPSelect 624 MS 0.25 (mm)
ZZZZZ (Client)		09/27/2025 00:02	1		CPSelect 624 MS 0.25 (mm)
ZZZZZ (Client)		09/27/2025 00:24	1		CPSelect 624 MS 0.25 (mm)
ZZZZZ (Client)		09/27/2025 00:46	1		CPSelect 624 MS 0.25 (mm)
ZZZZZ (Client)		09/27/2025 01:07	1		CPSelect 624 MS 0.25 (mm)
ZZZZZ (Client)		09/27/2025 01:29	1		CPSelect 624 MS 0.25 (mm)
CCVIS 810-162098/2-A		09/27/2025 01:51	1		CPSelect 624 MS 0.25 (mm)
ZZZZZ (Client)		09/27/2025 02:12	1		CPSelect 624 MS 0.25 (mm)
ZZZZZ (Client)		09/27/2025 02:34	1		CPSelect 624 MS 0.25 (mm)
ZZZZZ (Client)		09/27/2025 02:56	1		CPSelect 624 MS 0.25 (mm)
ZZZZZ (Client)		09/27/2025 03:18	1		CPSelect 624 MS 0.25 (mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: Eurofins Eaton Analytical South Bend

Job No.: 810-164749-1

SDG No.:

Instrument ID: GCMS-FE

Start Date: 09/26/2025 15:17

Analysis Batch Number: 162117

End Date: 09/27/2025 06:33

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ (Client)		09/27/2025 03:39	1		CPSelect 624 MS 0.25 (mm)
ZZZZZ (Client)		09/27/2025 04:01	1		CPSelect 624 MS 0.25 (mm)
ZZZZZ (Client)		09/27/2025 04:23	1		CPSelect 624 MS 0.25 (mm)
ZZZZZ (Client)		09/27/2025 04:44	1		CPSelect 624 MS 0.25 (mm)
ZZZZZ (Client)		09/27/2025 05:06	1		CPSelect 624 MS 0.25 (mm)
ZZZZZ (QC)		09/27/2025 05:28	1		CPSelect 624 MS 0.25 (mm)
ZZZZZ (QC)		09/27/2025 05:49	1		CPSelect 624 MS 0.25 (mm)
ZZZZZ (Client)		09/27/2025 06:11	1		CPSelect 624 MS 0.25 (mm)
CCV 810-162098/3-A		09/27/2025 06:33	1		CPSelect 624 MS 0.25 (mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: Eurofins Eaton Analytical South Bend

Job No.: 810-164749-1

SDG No.:

Instrument ID: GCMS-FE

Start Date: 10/01/2025 15:39

Analysis Batch Number: 162812

End Date: 10/02/2025 03:34

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCVLIS 810-162779/1-A		10/01/2025 15:39	1	CCVL.D	CPSelect 624 MS 0.25 (mm)
ZZZZZ (QC)		10/01/2025 16:23	1		CPSelect 624 MS 0.25 (mm)
ZZZZZ (QC)		10/01/2025 16:45	1		CPSelect 624 MS 0.25 (mm)
ZZZZZ (Client)		10/01/2025 17:06	1		CPSelect 624 MS 0.25 (mm)
ZZZZZ (Client)		10/01/2025 17:28	1		CPSelect 624 MS 0.25 (mm)
ZZZZZ (Client)		10/01/2025 17:50	1		CPSelect 624 MS 0.25 (mm)
ZZZZZ (Client)		10/01/2025 18:11	1		CPSelect 624 MS 0.25 (mm)
ZZZZZ (Client)		10/01/2025 18:33	1		CPSelect 624 MS 0.25 (mm)
ZZZZZ (Client)		10/01/2025 18:55	1		CPSelect 624 MS 0.25 (mm)
ZZZZZ (Client)		10/01/2025 19:16	1		CPSelect 624 MS 0.25 (mm)
ZZZZZ (Client)		10/01/2025 19:38	1		CPSelect 624 MS 0.25 (mm)
ZZZZZ (Client)		10/01/2025 20:00	1		CPSelect 624 MS 0.25 (mm)
ZZZZZ (Client)		10/01/2025 20:21	1		CPSelect 624 MS 0.25 (mm)
CCVIS 810-162779/3-A		10/01/2025 20:43	1	CCVM.D	CPSelect 624 MS 0.25 (mm)
ZZZZZ (Client)		10/01/2025 21:04	1		CPSelect 624 MS 0.25 (mm)
ZZZZZ (Client)		10/01/2025 21:25	1		CPSelect 624 MS 0.25 (mm)
ZZZZZ (Client)		10/01/2025 21:47	1		CPSelect 624 MS 0.25 (mm)
ZZZZZ (Client)		10/01/2025 22:08	1		CPSelect 624 MS 0.25 (mm)
ZZZZZ (Client)		10/01/2025 22:30	1		CPSelect 624 MS 0.25 (mm)
ZZZZZ (Client)		10/01/2025 22:52	1		CPSelect 624 MS 0.25 (mm)
ZZZZZ (QC)		10/01/2025 23:14	1		CPSelect 624 MS 0.25 (mm)
ZZZZZ (QC)		10/01/2025 23:36	1		CPSelect 624 MS 0.25 (mm)
ZZZZZ (Client)		10/01/2025 23:58	1		CPSelect 624 MS 0.25 (mm)
ZZZZZ (Client)		10/02/2025 00:19	1		CPSelect 624 MS 0.25 (mm)
ZZZZZ (Client)		10/02/2025 00:40	1		CPSelect 624 MS 0.25 (mm)
ZZZZZ (Client)		10/02/2025 01:02	1		CPSelect 624 MS 0.25 (mm)
CCV 810-162779/5-A		10/02/2025 01:24	1	CCVH.D	CPSelect 624 MS 0.25 (mm)
ZZZZZ (Client)		10/02/2025 01:46	1		CPSelect 624 MS 0.25 (mm)
ZZZZZ (Client)		10/02/2025 02:07	1		CPSelect 624 MS 0.25 (mm)
810-164749-9	BPOW6-7-20250917	10/02/2025 02:29	1	810-164749-A-9-A.D	CPSelect 624 MS 0.25 (mm)
ZZZZZ (Client)		10/02/2025 02:51	1		CPSelect 624 MS 0.25 (mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: Eurofins Eaton Analytical South Bend Job No.: 810-164749-1

SDG No.: _____

Instrument ID: GCMS-FE Start Date: 10/01/2025 15:39Analysis Batch Number: 162812 End Date: 10/02/2025 03:34

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
zzzzz (Client)		10/02/2025 03:12	1		CPSelect 624 MS 0.25 (mm)
CCVIS 810-162779/3-A		10/02/2025 03:34	1	CCVM1.D	CPSelect 624 MS 0.25 (mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: Eurofins Eaton Analytical South Bend

Job No.: 810-164749-1

SDG No.:

Instrument ID: GCMS-FE

Start Date: 10/02/2025 16:54

Analysis Batch Number: 162989

End Date: 10/03/2025 02:18

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCVLIS 810-163017/1-A		10/02/2025 16:54	1	CCVL.D	CPSelect 624 MS 0.25 (mm)
MBL 810-162945/1-A		10/02/2025 17:38	1	MBL.D	CPSelect 624 MS 0.25 (mm)
LLCS 810-162945/2-A		10/02/2025 17:59	1	LLCS.D	CPSelect 624 MS 0.25 (mm)
LCS 810-162945/3-A		10/02/2025 18:21	1	LCS.D	CPSelect 624 MS 0.25 (mm)
ZZZZZ (Client)		10/02/2025 18:43	1		CPSelect 624 MS 0.25 (mm)
810-164749-7	BPOW6-11-20250916	10/02/2025 19:05	1	810-164749-A-7- C.D	CPSelect 624 MS 0.25 (mm)
810-164749-8	BPOW6-8-20250916	10/02/2025 19:26	1	810-164749-A-8- B.D	CPSelect 624 MS 0.25 (mm)
810-164749-11	BPOW6-5-20250917	10/02/2025 19:48	1	810-164749-A-11 -B.D	CPSelect 624 MS 0.25 (mm)
ZZZZZ (Client)		10/02/2025 20:10	1		CPSelect 624 MS 0.25 (mm)
ZZZZZ (Client)		10/02/2025 20:32	1		CPSelect 624 MS 0.25 (mm)
ZZZZZ (Client)		10/02/2025 20:54	1		CPSelect 624 MS 0.25 (mm)
ZZZZZ (Client)		10/02/2025 21:15	1		CPSelect 624 MS 0.25 (mm)
CCVIS 810-163017/2-A		10/02/2025 21:37	1	CCVM.D	CPSelect 624 MS 0.25 (mm)
ZZZZZ (Client)		10/02/2025 21:58	1		CPSelect 624 MS 0.25 (mm)
ZZZZZ (Client)		10/02/2025 22:20	1		CPSelect 624 MS 0.25 (mm)
ZZZZZ (Client)		10/02/2025 22:42	1		CPSelect 624 MS 0.25 (mm)
ZZZZZ (Client)		10/02/2025 23:03	1		CPSelect 624 MS 0.25 (mm)
ZZZZZ (Client)		10/02/2025 23:25	1		CPSelect 624 MS 0.25 (mm)
ZZZZZ (Client)		10/02/2025 23:47	1		CPSelect 624 MS 0.25 (mm)
ZZZZZ (Client)		10/03/2025 00:09	1		CPSelect 624 MS 0.25 (mm)
ZZZZZ (Client)		10/03/2025 00:30	1		CPSelect 624 MS 0.25 (mm)
ZZZZZ (Client)		10/03/2025 00:51	1		CPSelect 624 MS 0.25 (mm)
ZZZZZ (Client)		10/03/2025 01:13	1		CPSelect 624 MS 0.25 (mm)
ZZZZZ (QC)		10/03/2025 01:35	1		CPSelect 624 MS 0.25 (mm)
ZZZZZ (QC)		10/03/2025 01:57	1		CPSelect 624 MS 0.25 (mm)
CCV 810-163017/3-A		10/03/2025 02:18	1	CCVH.D	CPSelect 624 MS 0.25 (mm)

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: Eurofins Eaton Analytical Sout Job No.: 810-164749-1

SDG No.: _____

Batch Number: 159612 Batch Start Date: 09/10/25 10:04 Batch Analyst: Arriaga Banda, BrisaBatch Method: 522 Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	InitialAmount	FinalAmount	522 IS SS 00257	522-Sur-SS 00151	O-522-CalH 00026	O-522-QCS-Sub 00012
IC 810-159612/4		522, 522			2 mL	2 mL	10 uL	10 uL		
IC 810-159612/5		522, 522			2 mL	2 mL	10 uL	10 uL		
IC 810-159612/6		522, 522			2 mL	2 mL	10 uL	10 uL		
IC 810-159612/7		522, 522			2 mL	2 mL	10 uL	10 uL		
IC 810-159612/8		522, 522			2 mL	2 mL	10 uL	10 uL		
IC 810-159612/9		522, 522			2 mL	2 mL	10 uL	10 uL		
ICISAV 810-159612/10		522, 522			2 mL	2 mL	10 uL	10 uL	5 uL	
IC 810-159612/11		522, 522			2 mL	2 mL	10 uL	10 uL	10 uL	
IC 810-159612/12		522, 522			2 mL	2 mL	10 uL	10 uL	20 uL	
IC 810-159612/13		522, 522			2 mL	2 mL	10 uL	10 uL	50 uL	
IC 810-159612/14		522, 522			2 mL	2 mL	10 uL	10 uL	100 uL	
ICV 810-159612/15		522, 522			2 mL	2 mL	10 uL	10 uL		5 uL

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	O522-CalL 00026					
IC 810-159612/4		522, 522			7 uL					
IC 810-159612/5		522, 522			10 uL					
IC 810-159612/6		522, 522			20 uL					
IC 810-159612/7		522, 522			50 uL					
IC 810-159612/8		522, 522			100 uL					
IC 810-159612/9		522, 522			200 uL					
ICISAV 810-159612/10		522, 522								
IC 810-159612/11		522, 522								
IC 810-159612/12		522, 522								
IC 810-159612/13		522, 522								
IC 810-159612/14		522, 522								

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: Eurofins Eaton Analytical Sout Job No.: 810-164749-1

SDG No.: _____

Batch Number: 159612 Batch Start Date: 09/10/25 10:04 Batch Analyst: Arriaga Banda, BrisaBatch Method: 522 Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	0522-Call 00026					
ICV 810-159612/15		522, 522								

Batch Notes	
MeCL2 ID	2007272
Balance is Level? (Y/N)	yes

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: Eurofins Eaton Analytical Sout Job No.: 810-164749-1

SDG No.: _____

Batch Number: 159668 Batch Start Date: 09/11/25 10:13 Batch Analyst: Orpurt, KylaBatch Method: 522 Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	FinalAmount	O-522BFBSUB 00027				
BFB 810-159668/1		522			2 mL	1 mL				
IC 810-159612/4-A		522			2 mL	1 mL				
IC 810-159612/5-A		522			2 mL	1 mL				
IC 810-159612/6-A		522			2 mL	1 mL				
IC 810-159612/7-A		522			2 mL	1 mL				
IC 810-159612/8-A		522			2 mL	1 mL				
IC 810-159612/9-A		522			2 mL	1 mL				
ICISAV 810-159612/10-A		522			2 mL	1 mL				
IC 810-159612/11-A		522			2 mL	1 mL				
IC 810-159612/12-A		522			2 mL	1 mL				
IC 810-159612/13-A		522			2 mL	1 mL				
IC 810-159612/14-A		522			2 mL	1 mL				
ICV 810-159612/15-A		522			2 mL	1 mL				

Batch Notes	

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: Eurofins Eaton Analytical Sout Job No.: 810-164749-1

SDG No.: _____

Batch Number: 161233 Batch Start Date: 09/22/25 09:18 Batch Analyst: Arriaga Banda, BrisaBatch Method: 522 Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	GrossWeight	TareWeight	InitialAmount	FinalAmount	522 IS SS 00258	522-Sur-SS 00152
MBL 810-161233/1		522, 522			100 g	0 g	100 mL	2 mL	10 uL	10 uL
LLCS 810-161233/2		522, 522			100 g	0 g	100 mL	2 mL	10 uL	10 uL
810-164749-A-1 MS	BPOW6-1-20250916MS	522, 522	inking W&	T	100 g	0 g	100 mL	2 mL	10 uL	10 uL
810-164749-A-1 MSD	BPOW6-1-20250916MSD	522, 522	inking W&	T	100 g	0 g	100 mL	2 mL	10 uL	10 uL
810-164749-A-1	BPOW6-1-20250916	522, 522	inking W&	T	100 g	0 g	100 mL	2 mL	10 uL	10 uL
810-164749-A-2	BPOW6-4-20250916	522, 522	inking W&	T	100 g	0 g	100 mL	2 mL	10 uL	10 uL
810-164749-A-3	BPOW6-9-20250916	522, 522	inking W&	T	100 g	0 g	100 mL	2 mL	10 uL	10 uL
810-164749-B-4	BPOW6-3-20250916	522, 522	inking W&	T	100 g	0 g	100 mL	2 mL	10 uL	10 uL
810-164749-A-5	BPOW6-2-20250916	522, 522	inking W&	T	100 g	0 g	100 mL	2 mL	10 uL	10 uL

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	O-522-CalH 00026	O522-CalL 00026	AnalysisComment			
MBL 810-161233/1		522, 522					X1			
LLCS 810-161233/2		522, 522				7 uL	X2			
810-164749-A-1 MS	BPOW6-1-20250916MS	522, 522	inking W&	T	5 uL		X3			
810-164749-A-1 MSD	BPOW6-1-20250916MSD	522, 522	inking W&	T	5 uL		X4			
810-164749-A-1	BPOW6-1-20250916	522, 522	inking W&	T			Q3			
810-164749-A-2	BPOW6-4-20250916	522, 522	inking W&	T			Q4			
810-164749-A-3	BPOW6-9-20250916	522, 522	inking W&	T			Q5			
810-164749-B-4	BPOW6-3-20250916	522, 522	inking W&	T			Q6			
810-164749-A-5	BPOW6-2-20250916	522, 522	inking W&	T			X1			

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: Eurofins Eaton Analytical Sout Job No.: 810-164749-1

SDG No.: _____

Batch Number: 161233 Batch Start Date: 09/22/25 09:18 Batch Analyst: Arriaga Banda, BrisaBatch Method: 522 Batch End Date: _____

Batch Notes	
MeCL2 ID	2007272
Methanol ID	2140777
SPE Cartridge Lot ID	403134312A
Sodium Sulfite ID	1456825
Na2SO4 ID	2127314
Sodium Bisulfate ID	660717
Balance ID	b27
Balance is Level? (Y/N)	yes

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: Eurofins Eaton Analytical Sout Job No.: 810-164749-1

SDG No.: _____

Batch Number: 161283 Batch Start Date: 09/22/25 13:30 Batch Analyst: Arriaga Banda, BrisaBatch Method: 522 Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	InitialAmount	FinalAmount	522 IS SS 00258	522-Sur-SS 00152	O-522-CalH 00026	O522-CalL 00026
CCVLIS 810-161283/1		522, 522			2 mL	2 mL	10 uL	10 uL		7 uL
CCVIS 810-161283/2		522, 522			2 mL	2 mL	10 uL	10 uL	5 uL	
CCV 810-161283/3		522, 522			2 mL	2 mL	10 uL	10 uL	50 uL	

Batch Notes	
MeCL2 ID	2007272
Balance is Level? (Y/N)	yes

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: Eurofins Eaton Analytical Sout Job No.: 810-164749-1

SDG No.: _____

Batch Number: 161820 Batch Start Date: 09/25/25 09:31 Batch Analyst: Arriaga Banda, BrisaBatch Method: 522 Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	GrossWeight	TareWeight	InitialAmount	FinalAmount	522 IS SS 00259	522-Sur-SS 00152
MBL 810-161820/1		522, 522			100 g	0 g	100 mL	2 mL	10 uL	10 uL
LLCS 810-161820/2		522, 522			100 g	0 g	100 mL	2 mL	10 uL	10 uL
LCS 810-161820/3		522, 522			100 g	0 g	100 mL	2 mL	10 uL	10 uL
810-164749-A-6	BPOW6-10-20250916	522, 522	inking W&	T	100 g	0 g	100 mL	2 mL	10 uL	10 uL
810-164749-A-9	BPOW6-7-20250917	522, 522	inking W&	T	100 g	0 g	100 mL	2 mL	10 uL	10 uL
810-164749-A-10	BPOW6-6-20250917	522, 522	inking W&	T	100 g	0 g	100 mL	2 mL	10 uL	10 uL

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	O-522-CalH 00026	O522-CalL 00026	AnalysisComment			
MBL 810-161820/1		522, 522					X1			
LLCS 810-161820/2		522, 522				7 uL	X2			
LCS 810-161820/3		522, 522			50 uL		X3			
810-164749-A-6	BPOW6-10-20250916	522, 522	inking W&	T			X6			
810-164749-A-9	BPOW6-7-20250917	522, 522	inking W&	T			Y3			
810-164749-A-10	BPOW6-6-20250917	522, 522	inking W&	T			Y4			

Batch Notes	
MeCL2 ID	2007272
Methanol ID	2140777
SPE Cartridge Lot ID	403134312a
Sodium Sulfite ID	1456825
Na2SO4 ID	2127314
Sodium Bisulfate ID	660717
Balance ID	B27
Balance is Level? (Y/N)	yes

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: Eurofins Eaton Analytical Sout Job No.: 810-164749-1

SDG No.: _____

Batch Number: 161820 Batch Start Date: 09/25/25 09:31 Batch Analyst: Arriaga Banda, BrisaBatch Method: 522 Batch End Date: _____

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: Eurofins Eaton Analytical Sout Job No.: 810-164749-1

SDG No.: _____

Batch Number: 161845 Batch Start Date: 09/25/25 11:12 Batch Analyst: Arriaga Banda, BrisaBatch Method: 522 Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	InitialAmount	FinalAmount	522 IS SS 00259	522-Sur-SS 00152	O-522-CalH 00026	O-522-QCS-Sub 00012
CCVLIS 810-161845/1		522, 522			2 mL	2 mL	10 uL	10 uL		
CCVIS 810-161845/2		522, 522			2 mL	2 mL	10 uL	10 uL	5 uL	
CCV 810-161845/3		522, 522			2 mL	2 mL	10 uL	10 uL	50 uL	
IC 810-161845/4		522, 522			2 mL	2 mL	10 uL	10 uL		
IC 810-161845/5		522, 522			2 mL	2 mL	10 uL	10 uL		
IC 810-161845/6		522, 522			2 mL	2 mL	10 uL	10 uL		
IC 810-161845/7		522, 522			2 mL	2 mL	10 uL	10 uL		
IC 810-161845/8		522, 522			2 mL	2 mL	10 uL	10 uL		
IC 810-161845/9		522, 522			2 mL	2 mL	10 uL	10 uL		
ICISAV 810-161845/10		522, 522			2 mL	2 mL	10 uL	10 uL	5 uL	
IC 810-161845/11		522, 522			2 mL	2 mL	10 uL	10 uL	10 uL	
IC 810-161845/12		522, 522			2 mL	2 mL	10 uL	10 uL	20 uL	
IC 810-161845/13		522, 522			2 mL	2 mL	10 uL	10 uL	50 uL	
IC 810-161845/14		522, 522			2 mL	2 mL	10 uL	10 uL	100 uL	
ICV 810-161845/15		522, 522			2 mL	2 mL	10 uL	10 uL		5 uL

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	O522-CalL 00026					
CCVLIS 810-161845/1		522, 522			7 uL					
CCVIS 810-161845/2		522, 522								
CCV 810-161845/3		522, 522								
IC 810-161845/4		522, 522			7 uL					
IC 810-161845/5		522, 522			10 uL					
IC 810-161845/6		522, 522			20 uL					
IC 810-161845/7		522, 522			50 uL					

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: Eurofins Eaton Analytical Sout Job No.: 810-164749-1

SDG No.: _____

Batch Number: 161845 Batch Start Date: 09/25/25 11:12 Batch Analyst: Arriaga Banda, BrisaBatch Method: 522 Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	0522-Call 00026					
IC 810-161845/8		522, 522			100 uL					
IC 810-161845/9		522, 522			200 uL					
ICISAV 810-161845/10		522, 522								
IC 810-161845/11		522, 522								
IC 810-161845/12		522, 522								
IC 810-161845/13		522, 522								
IC 810-161845/14		522, 522								
ICV 810-161845/15		522, 522								

Batch Notes	
MeCL2 ID	2007272
Balance is Level? (Y/N)	yes

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: Eurofins Eaton Analytical Sout Job No.: 810-164749-1

SDG No.: _____

Batch Number: 161928 Batch Start Date: 09/26/25 08:48 Batch Analyst: Orpurt, KylaBatch Method: 522 Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	FinalAmount	O-522BFBSUB 00029				
IC 810-161845/4-A		522			2 mL	1 mL				
IC 810-161845/5-A		522			2 mL	1 mL				
IC 810-161845/6-A		522			2 mL	1 mL				
IC 810-161845/7-A		522			2 mL	1 mL				
IC 810-161845/8-A		522			2 mL	1 mL				
IC 810-161845/9-A		522			2 mL	1 mL				
ICISAV 810-161845/10-A		522			2 mL	1 mL				
IC 810-161845/11-A		522			2 mL	1 mL				
IC 810-161845/12-A		522			2 mL	1 mL				
IC 810-161845/13-A		522			2 mL	1 mL				
ICV 810-161845/15-A		522			2 mL	1 mL				
IC 810-161845/14-A		522			2 mL	1 mL				

Batch Notes	

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: Eurofins Eaton Analytical Sout Job No.: 810-164749-1

SDG No.: _____

Batch Number: 162117 Batch Start Date: 09/26/25 15:17 Batch Analyst: Orpurt, KylaBatch Method: 522 Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	FinalAmount	O-522BFBSUB 00027				
BFB 810-162117/1		522			2 mL	1 mL				
IC 810-161845/4-A		522			2 mL					
IC 810-161845/5-A		522			2 mL					
IC 810-161845/6-A		522			2 mL					
IC 810-161845/7-A		522			2 mL					
IC 810-161845/8-A		522			2 mL					
IC 810-161845/9-A		522			2 mL					
ICISAV 810-161845/10-A		522			2 mL					
IC 810-161845/11-A		522			2 mL					
IC 810-161845/12-A		522			2 mL					
IC 810-161845/13-A		522			2 mL					
IC 810-161845/14-A		522			2 mL					
ICV 810-161845/15-A		522			2 mL					

Batch Notes	

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: Eurofins Eaton Analytical Sout Job No.: 810-164749-1

SDG No.: _____

Batch Number: 162779 Batch Start Date: 10/01/25 13:13 Batch Analyst: Arriaga Banda, BrisaBatch Method: 522 Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	InitialAmount	FinalAmount	522 IS SS 00259	522-Sur-SS 00153	O-522-CalH 00027	O522-CalL 00026
CCVLIS 810-162779/1		522, 522			2 mL	2 mL	10 uL	10 uL		7 uL
CCVIS 810-162779/3		522, 522			2 mL	2 mL	10 uL	10 uL	5 uL	
CCV 810-162779/5		522, 522			2 mL	2 mL	10 uL	10 uL	50 uL	

Batch Notes	
MeCL2 ID	2007272
Balance is Level? (Y/N)	yes

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: Eurofins Eaton Analytical Sout Job No.: 810-164749-1

SDG No.: _____

Batch Number: 162945 Batch Start Date: 10/02/25 10:13 Batch Analyst: Boembeke, KaitlynBatch Method: 522 Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	GrossWeight	TareWeight	InitialAmount	FinalAmount	522 IS SS 00260	522-Sur-SS 00153
MBL 810-162945/1		522, 522			100 g	0 g	100 mL	2 mL	10 uL	10 uL
LLCS 810-162945/2		522, 522			100 g	0 g	100 mL	2 mL	10 uL	10 uL
LCS 810-162945/3		522, 522			100 g	0 g	100 mL	2 mL	10 uL	10 uL
810-164749-A-7	BPOW6-11-20250916	522, 522	inking W&	T	100 g	0 g	100 mL	2 mL	10 uL	10 uL
810-164749-A-8	BPOW6-8-20250916	522, 522	inking W&	T	100 g	0 g	100 mL	2 mL	10 uL	10 uL
810-164749-A-11	BPOW6-5-20250917	522, 522	inking W&	T	100 g	0 g	100 mL	2 mL	10 uL	10 uL

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	O-522-CalH 00027	O522-CalL 00026	AnalysisCommen t			
MBL 810-162945/1		522, 522					X1			
LLCS 810-162945/2		522, 522				7 uL	X2			
LCS 810-162945/3		522, 522			50 uL		X3			
810-164749-A-7	BPOW6-11-20250916	522, 522	inking W&	T			Y1			
810-164749-A-8	BPOW6-8-20250916	522, 522	inking W&	T			Y2			
810-164749-A-11	BPOW6-5-20250917	522, 522	inking W&	T			Y3			

Batch Notes	
MeCL2 ID	2007272
Methanol ID	2140777
SPE Cartridge Lot ID	2135856
Sodium Sulfite ID	1456825
Na2SO4 ID	2178900
Sodium Bisulfate ID	660717
Balance ID	B27
Balance is Level? (Y/N)	yes

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: Eurofins Eaton Analytical Sout Job No.: 810-164749-1

SDG No.: _____

Batch Number: 162945 Batch Start Date: 10/02/25 10:13 Batch Analyst: Boembeke, KaitlynBatch Method: 522 Batch End Date: _____

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: Eurofins Eaton Analytical Sout Job No.: 810-164749-1

SDG No.: _____

Batch Number: 163017 Batch Start Date: 10/02/25 16:00 Batch Analyst: Boembeke, KaitlynBatch Method: 522 Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	InitialAmount	FinalAmount	522 IS SS 00260	522-Sur-SS 00153	O-522-CalH 00027	O522-CalL 00026
CCVLIS 810-163017/1		522, 522			2 mL	2 mL	10 uL	10 uL		7 uL
CCVIS 810-163017/2		522, 522			2 mL	2 mL	10 uL	10 uL	5 uL	
CCV 810-163017/3		522, 522			2 mL	2 mL	10 uL	10 uL	50 uL	

Batch Notes	
MeCL2 ID	2183656
Balance ID	B27
Balance is Level? (Y/N)	yes

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

Shipping and Receiving Documents



CHAIN OF CUSTODY RECORD

Sub Lab INFORMATION		CLIENT PROJECT INFORMATION		CLIENT BILLING INFORMATION	
COMPANY :	Eurofins Eaton Analytical South Bend	ORDER ID :	Q3129	BILL TO:	CHEMTECH PO# : Q3129
ADDRESS :	110 South Bend	PROJECT ID:	NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 3225	ADDRESS :	284, Sheffield Street
CITY:	South Bend State :IN ZIP :46617	PROJECT MANAGER	YAZMEEN	CITY:	Mountainside State : NJ ZIP : 07092
E-mail :	Nathan.Trowbridge@et.eurofinsus.	E-mail :	yazmeen.gomez@alliancetg.com	ATTENTION :	YAZMEE
PHONE :	574-233-4777	PHONE :	(908) 789 8900	PHONE :	(908) 789 8900
		FAX:	(908) 789 8922	FAX :	(908) 789 8922

EDD : EQUIS **Report :LEVEL 4 + LEVEL 2 + RAW DATA Comment : GRAB SAMPLES.**

ID	CLIENT SAMPLE IDENTIFICATION	SAMPLE MATRIX	ANALYSIS	Preservative	Method	SAMPLE COLLECTION		# OF BOTTLES	TAT DAYS
						DATE	TIME		
01	BPOW6-1-20250916	Water	Wet Chem Group1	1:1 HNO3 to pH < 2	Cal	09/16/2025	10:10:00	2	10
02	BPOW6-1-20250916MS	Water	Wet Chem Group1	1:1 HNO3 to pH < 2	Cal	09/16/2025	10:10:00	2	10
03	BPOW6-1-20250916MSD	Water	Wet Chem Group1	1:1 HNO3 to pH < 2	Cal	09/16/2025	10:10:00	2	10
04	BPOW6-4-20250916	Water	Wet Chem Group1	1:1 HNO3 to pH < 2	Cal	09/16/2025	12:25:00	2	10
05	BPOW6-9-20250312	Water	Wet Chem Group1	1:1 HNO3 to pH < 2	Cal	09/16/2025	11:45:00	2	10
06	BPOW6-3-20250916	Water	Wet Chem Group1	1:1 HNO3 to pH < 2	Cal	09/16/2025	12:40:00	2	10
07	BPOW6-2-20250916	Water	Wet Chem Group1	1:1 HNO3 to pH < 2	Cal	09/16/2025	10:00:00	2	10
08	BPOW6-10-20250916	Water	Wet Chem Group1	1:1 HNO3 to pH < 2	Cal	09/16/2025	13:10:00	2	10
09	BPOW6-11-20250916	Water	Wet Chem Group1	1:1 HNO3 to pH < 2	Cal	09/16/2025	10:15:00	2	10

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGES POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:	DATE/TIME:	Conditions of bottles or Coolers at receipt:	Compliant	Non Compliant	Cooler Temp	Ice or Cooler?
1.	9/16/25 16:00	1.			☐	☐		
RELINQUISHED BY:	DATE/TIME:	RECEIVED BY:	DATE/TIME:					
2.		2.						
RELINQUISHED BY:	DATE/TIME:	RECEIVED BY:	DATE/TIME:					
3.	09-19-2025 09:15	3.						

Initial Temp: 2.4
Corrected Temp: 2.6
IR Gun # 324

Shipment Complete:
☐ YES ☐ NO

CHAIN OF CUSTODY RECORD

Sub Lab INFORMATION		CLIENT PROJECT INFORMATION		CLIENT BILLING INFORMATION	
COMPANY :	Eurofins Eaton Analytical South Bend	ORDER ID :	Q3129	BILL TO:	CHEMTECH PO# : Q3129
ADDRESS :	110 South Bend	PROJECT ID:	NAV/FAC NWIRP Bethpage, NY Site 1 OU-2 - 3225	ADDRESS :	284, Sheffield Street
CITY:	South Bend State :IN ZIP :46617	PROJECT MANAGER	YAZMEEN	CITY:	Mountainside State : NJ ZIP : 07092
E-mail :	Nathan.Trowbridge@et.eurofinsus.	E-mail :	yazmeen.gomez@alliancetg.com	ATTENTION :	YAZMEE
PHONE :	574-233-4777	PHONE :	(908) 789 8900	PHONE :	(908) 789 8900
		FAX:	(908) 789 8922	FAX :	(908) 789 8922

Report : Results Only

Comment :

EDD : EQUIS

ID	CLIENT IDENTIFICATION	SAMPLE MATRIX	ANALYSIS	Preservative	Method	SAMPLE COLLECTION DATE	TIME	# OF BOTTLES	TAT DAYS
10	BPOW6-8-20250916	Water	Wet Chem Group1	1:1 HNO3 to pH < 2	Cal	09/16/2025	10:05:00	2	10
11	BPOW6-7-20250917	Water	Wet Chem Group1	1:1 HNO3 to pH < 2	Cal	09/17/2025	09:50:00	2	10
12	BPOW6-6-20250917	Water	Wet Chem Group1	1:1 HNO3 to pH < 2	Cal	09/17/2025	10:35:00	2	10
13	BPOW6-5-20250917	Water	Wet Chem Group1	1:1 HNO3 to pH < 2	Cal	09/17/2025	10:40:00	2	10

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGES POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER:	DATETIME:	RECEIVED BY:	Conditions of bottles or Coolers at receipt:	Compliant	Non Compliant	Cooler Temp
1.		1.		☐	☐	Ice or Cooler?
RELINQUISHED BY:	DATETIME:	RECEIVED BY:				
2.		2.				
RELINQUISHED BY:	DATETIME:	RECEIVED BY:				
3.		3.				

Page 2 of 2

Shipment Complete:

☐ OVERNIGHT
☐ OVERNIGHT

☐ YES ☐ NO

Login Sample Receipt Checklist

Client: Chemtech Consulting Group Inc.

Job Number: 810-164749-1

Login Number: 164749

List Number: 1

Creator: Moore, Gary

List Source: Eurofins Eaton Analytical South Bend

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Samples do not require splitting or compositing.	True	
Were samples preserved to correct pH upon receipt, if applicable?	True	
Container provided by EEA	True	