

Cover Page

Order ID : Q3157

Project ID : Yard Soil Cleanup

Client : Always Available Construction LLC.

Lab Sample Number

Q3157-01
Q3157-02
Q3157-03

Client Sample Number

20-DEAD-1
20-DEAD-1
TB

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the laboratory manager or his designee, as verified by the following signature.

Signature : _____

Date: 9/25/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

DATA REPORTING QUALIFIERS- ORGANIC

For reporting results, the following “ Results Qualifiers” are used:

Value	If the result is a value greater than or equal to the detection limit, report the value
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. “10 U”. This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
ND	Indicates the analyte was analyzed for, but not detected
J	Indicates an estimated value. This flag is used: (1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) (2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3 ug/L was calculated report as 3 J. This flag is used when similar situation arise on any organic parameter i.e. Pest, PCB and others.
B	Indicates the analyte was found in the blank as well as the sample report as “12 B”.
E	Indicates the analyte ‘s concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
P	This flag is used for Pesticide/PCB target analyte when there is >25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on Form 1 and flagged with a “P”.
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.
A	This flag indicates that a Tentatively Identified Compound is a suspected aldol-condensation product.
Q	Indicates the LCS did not meet the control limits requirements

APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q3157

Completed

For thorough review, the report must have the following:

GENERAL:

Are all original paperwork present (chain of custody, record of communication,airbill, sample management lab chronicle, login page)

✓

Check chain-of-custody for proper relinquish/return of samples

✓

Is the chain of custody signed and complete

✓

Check internal chain-of-custody for proper relinquish/return of samples /sample extracts

✓

Collect information for each project id from server. Were all requirements followed

✓

COVER PAGE:

Do numbers of samples correspond to the number of samples in the Chain of Custody on login page

✓

Do lab numbers and client Ids on cover page agree with the Chain of Custody

✓

CHAIN OF CUSTODY:

Do requested analyses on Chain of Custody agree with form I results

✓

Do requested analyses on Chain of Custody agree with the log-in page

✓

Were the correct method log-in for analysis according to the Analytical Request and Chain of Custody

✓

Were the samples received within hold time

✓

Were any problems found with the samples at arrival recorded in the Sample Management Laboratory Chronicle

✓

ANALYTICAL:

Was method requirement followed?

✓

Was client requirement followed?

✓

Does the case narrative summarize all QC failure?

✓

All runlogs and manual integration are reviewed for requirements

✓

All manual calculations and /or hand notations verified

✓

QA Review Signature: KETAN PATEL

Date: 09/25/2025

LAB CHRONICLE

OrderID:	Q3157	OrderDate:	9/19/2025 2:22:59 PM
Client:	Always Available Construction LLC.	Project:	Yard Soil Cleanup
Contact:	Michael Roth	Location:	D31,VOA Ref. #2 Soil,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3157-01	20-DEAD-1	SOIL			09/19/25			09/19/25
			Gasoline Range Organics	8015D			09/23/25	
			Pesticide-TCL	8081B		09/22/25	09/23/25	
Q3157-02	20-DEAD-1	TCLP			09/19/25			09/19/25
			TCLP Herbicide	8151A		09/22/25	09/22/25	
			TCLP Pesticide	8081B		09/22/25	09/22/25	



QC SUMMARY



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

SOIL GASOLINE RANGE ORGANICS SURROGATE RECOVERY

Lab Name: Alliance

Client: Always Available Construction LLC.

Lab Code: ACE

SDG No.: Q3157

CLIENT ID	S1	S2	S3	S4	TOT
	AAA-TFT				OUT
VB0923S1	100				0
BS0923S1	102				0
BS0923S2	104				0
20-DEAD-1	85				0

QC LIMITS

AAA-TFT

For Water : 50-150

For Soil : 50-150

Column to be used to flag recovery values

* Values outside of contract required QC limits

D Surrogate Diluted Out



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

SOIL GASOLINE RANGE ORGANICS LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATION

Lab Name: Alliance

Client: Always Available Construction LLC.

Lab Code: ACE

SDG No: Q3157

Client Sample ID : BSF0923S1

Datafile: FB032232.D

COMPOUND	SPIKE ADDED ug/kg	CONCENTRATION ug/kg	LCS/LCSD CONCENTRATION ug/kg	% REC	QC LIMITS (%)
GRO	180	0	171	95	50-150

SOIL GASOLINE RANGE ORGANICS LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATION

Lab Name: Alliance

Client: Always Available Construction LLC.

Lab Code: ACE

SDG No: Q3157

Client Sample ID : BSF0923S2

Datafile: FB032233.D

COMPOUND	SPIKE ADDED ug/kg	CONCENTRATION ug/kg	LCS/LCSD CONCENTRATION ug/kg	% REC	QC LIMITS (%)
GRO	180	0	151	84	50-150

LCS/LCSD % Recovery RPD : 12.4

METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

VBF0923S1

Lab Name: Alliance

Contract: ALWA01

Lab Code: ACE

SDG NO.: Q3157

Lab File ID: FB032230.D

Lab Sample ID: VBF0923S1

Date Analyzed: 09/23/25

Time Analyzed: 10:13

GC Column: RTX-502.2 ID: 0.53 (mm)

Heated Purge: (Y/N) Y

Instrument ID: FB

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
BSF0923S1	BSF0923S1	FB032232.D	09/23/25
BSF0923S2	BSF0923S2	FB032233.D	09/23/25
20-DEAD-1	Q3157-01	FB032234.D	09/23/25

COMMENTS: _____



SAMPLE DATA

Report of Analysis

Client:	Always Available Construction LLC.		Date Collected:	09/19/25	
Project:	Yard Soil Cleanup		Date Received:	09/19/25	
Client Sample ID:	20-DEAD-1		SDG No.:	Q3157	
Lab Sample ID:	Q3157-01		Matrix:	SOIL	
Analytical Method:	8015D GRO		% Solid:	90.9	Decanted:
Sample Wt/Vol:	4.16	Units: g	Final Vol:	5	mL
Soil Aliquot Vol:		uL	Test:	Gasoline Range Organics	
Extraction Type:			Injection Volume :		
GPC Factor :		PH :			
Prep Method :					

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
FB032234.D	1	09/23/25 12:20	FB092325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
GRO	GRO	11.0	U	11.0	60.0	ug/kg
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	16.9		50 - 150	85%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB092325\
Data File : FB032234.D
Signal(s) : FID2B.CH
Acq On : 23 Sep 2025 12:20
Operator : YP/AJ
Sample : Q3157-01
Misc : 4.16G/5.00 ML DI WATER
ALS Vial : 6 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Sep 24 01:34:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB092225.M
Quant Title :
QLast Update : Mon Sep 22 12:16:10 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 5 g/ml
Signal Phase : RTX-502.2
Signal Info : 60mx0.53mmx3.00um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
5) s AAA-TFT	8.800	303374	16.949 ng/ml
Target Compounds			

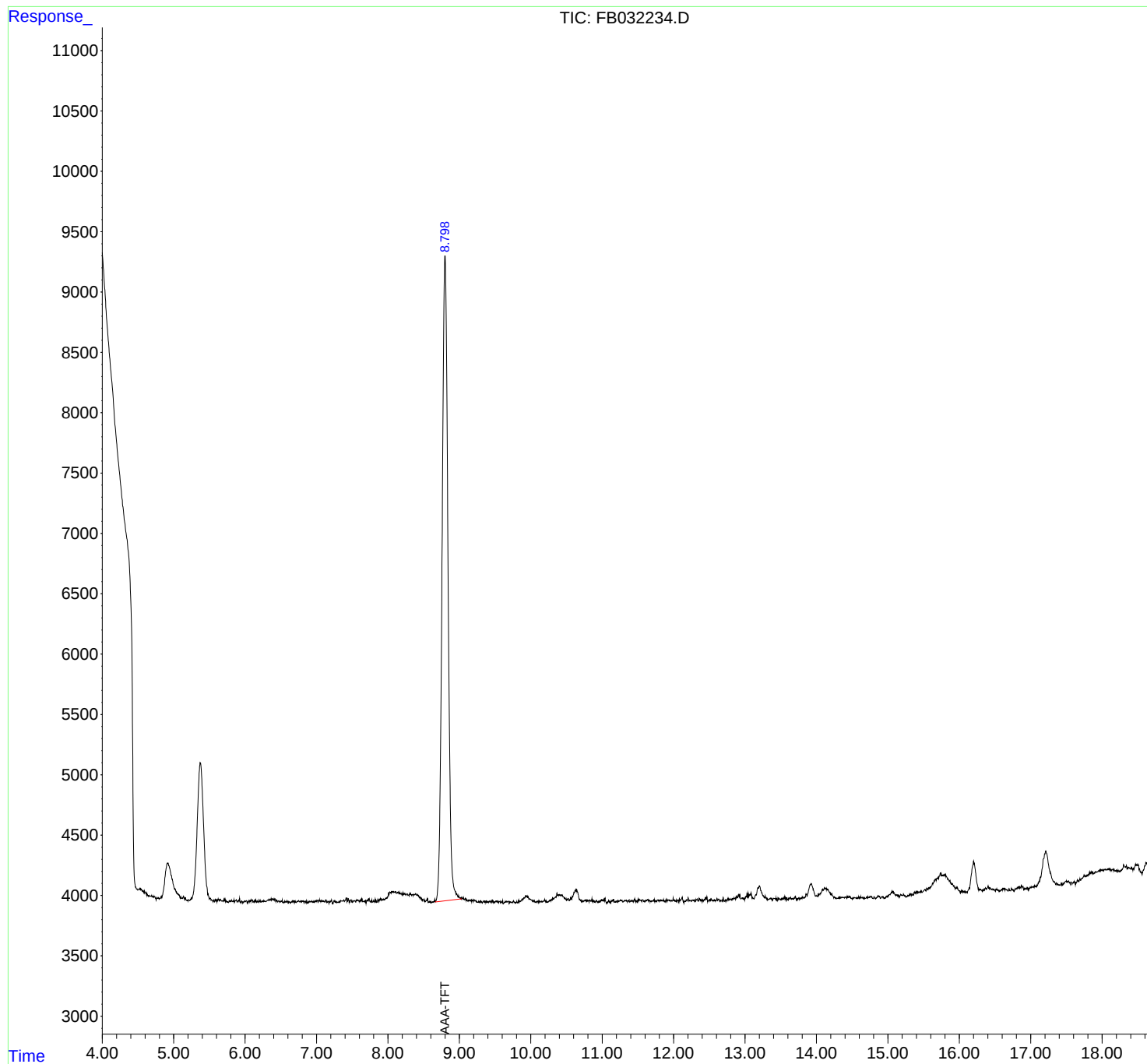
(f)=RT Delta > 1/2 Window

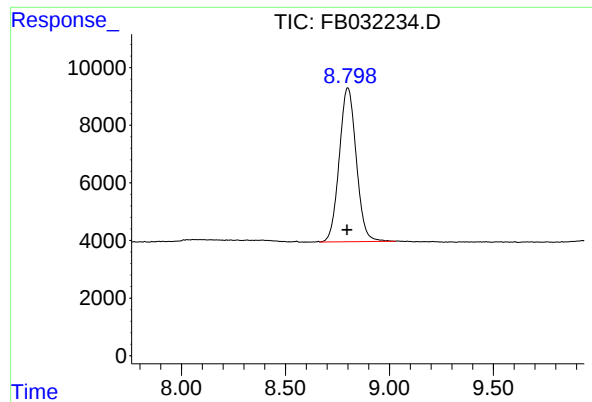
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB092325\
Data File : FB032234.D
Signal(s) : FID2B.CH
Acq On : 23 Sep 2025 12:20
Operator : YP/AJ
Sample : Q3157-01
Misc : 4.16G/5.00 ML DI WATER
ALS Vial : 6 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Sep 24 01:34:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB092225.M
Quant Title :
QLast Update : Mon Sep 22 12:16:10 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 5 g/ml
Signal Phase : RTX-502.2
Signal Info : 60mx0.53mmx3.00um





#5 AAA-TFT

R.T.: 8.800 min

Delta R.T.: 0.004 min

Response: 303374

Conc: 16.95 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB092325\
 Data File : FB032234.D
 Signal(s) : FID2B.CH
 Acq On : 23 Sep 2025 12:20
 Sample : Q3157-01
 Misc : 4.16G/5.00 ML DI WATER
 ALS Vial : 6 Sample Multiplier: 1

Integration File: SAMPLE.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB092225.M
 Title :

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.532	4.470	4.585	BV	18	213	0.07%	0.042%
2	4.595	4.585	4.688	PV	14	130	0.04%	0.026%
3	4.695	4.688	4.704	VV	15	85	0.03%	0.017%
4	4.712	4.704	4.755	VV	14	427	0.14%	0.084%
5	4.766	4.755	4.777	PV	20	177	0.06%	0.035%
6	4.787	4.777	4.805	VV	18	256	0.08%	0.050%
7	5.098	5.091	5.113	VV	36	357	0.12%	0.070%
8	5.122	5.113	5.127	VV	27	197	0.06%	0.039%
9	5.138	5.127	5.158	VV	40	503	0.16%	0.099%
10	5.166	5.158	5.226	VV	29	424	0.14%	0.084%
11	5.251	5.226	5.257	VV	26	313	0.10%	0.062%
12	5.559	5.550	5.573	VV	16	113	0.04%	0.022%
13	5.587	5.573	5.608	VV	20	320	0.10%	0.063%
14	5.625	5.608	5.641	VV	28	373	0.12%	0.073%
15	5.654	5.641	5.687	VV	28	472	0.15%	0.093%
16	5.712	5.687	5.748	VV	31	598	0.19%	0.118%
17	5.759	5.748	5.768	VV	8	65	0.02%	0.013%
18	5.786	5.768	5.800	PV	20	220	0.07%	0.043%
19	5.811	5.800	5.828	VV	20	237	0.08%	0.047%
20	5.844	5.828	5.891	VV	25	585	0.19%	0.115%
21	5.925	5.891	5.942	VV	33	463	0.15%	0.091%
22	5.952	5.942	5.976	PV	17	156	0.05%	0.031%
23	5.997	5.976	6.009	VV	16	233	0.08%	0.046%
24	6.020	6.009	6.039	VV	19	211	0.07%	0.042%
25	6.101	6.039	6.115	VV	27	754	0.24%	0.149%
26	6.145	6.115	6.183	VV	23	553	0.18%	0.109%
27	6.199	6.183	6.232	VV	26	394	0.13%	0.078%
28	6.272	6.232	6.290	VV	19	511	0.17%	0.101%
29	6.333	6.290	6.341	VV	30	668	0.22%	0.132%
30	6.365	6.341	6.402	VV	36	1073	0.35%	0.212%
31	6.408	6.402	6.414	VV	36	227	0.07%	0.045%

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32	6.421	6.414	6.432	VV	37	307	0.10%	0.061%
33	6.443	6.432	6.457	VV	25	288	0.09%	0.057%
34	6.474	6.457	6.484	VV	22	280	0.09%	0.055%
35	6.521	6.484	6.530	VV	27	418	0.14%	0.082%
36	6.538	6.530	6.546	VV	9	74	0.02%	0.015%
37	6.592	6.546	6.605	VV	20	459	0.15%	0.090%
38	6.614	6.605	6.635	VV	17	161	0.05%	0.032%
39	6.669	6.635	6.692	PV	26	490	0.16%	0.096%
40	6.700	6.692	6.714	VV	23	189	0.06%	0.037%
41	6.750	6.714	6.762	VV	25	460	0.15%	0.091%
42	6.777	6.762	6.792	VV	20	287	0.09%	0.056%
43	6.811	6.792	6.827	VV	22	357	0.12%	0.070%
44	6.838	6.827	6.856	VV	19	236	0.08%	0.047%
45	6.861	6.856	6.887	VV	22	182	0.06%	0.036%
46	6.905	6.887	6.925	VV	16	308	0.10%	0.061%
47	6.936	6.925	6.946	VV	21	200	0.06%	0.039%
48	7.016	6.946	7.026	VV	27	863	0.28%	0.170%
49	7.041	7.026	7.063	VV	31	483	0.16%	0.095%
50	7.072	7.063	7.115	VV	26	596	0.19%	0.117%
51	7.131	7.115	7.151	VV	29	394	0.13%	0.078%
52	7.164	7.151	7.175	VV	19	197	0.06%	0.039%
53	7.211	7.175	7.225	VV	30	477	0.16%	0.094%
54	7.247	7.225	7.269	PV	26	349	0.11%	0.069%
55	7.279	7.269	7.305	VV	19	251	0.08%	0.050%
56	7.316	7.305	7.332	VV	20	237	0.08%	0.047%
57	7.385	7.332	7.394	VV	30	826	0.27%	0.163%
58	7.420	7.394	7.430	VV	49	651	0.21%	0.128%
59	7.444	7.430	7.468	VV	45	580	0.19%	0.114%
60	7.479	7.468	7.506	VV	30	480	0.16%	0.094%
61	7.520	7.506	7.549	VV	25	523	0.17%	0.103%
62	7.581	7.549	7.609	VV	31	866	0.28%	0.171%
63	7.638	7.609	7.649	VV	42	646	0.21%	0.127%
64	7.665	7.649	7.673	VV	22	258	0.08%	0.051%
65	7.688	7.673	7.695	VV	25	244	0.08%	0.048%
66	7.709	7.695	7.718	VV	26	303	0.10%	0.060%
67	7.737	7.718	7.753	VV	42	602	0.20%	0.119%
68	7.774	7.753	7.788	VV	27	358	0.12%	0.071%
69	7.802	7.788	7.815	VV	25	292	0.09%	0.057%
70	7.824	7.815	7.847	VV	36	370	0.12%	0.073%
71	7.860	7.847	7.876	VV	29	408	0.13%	0.080%
72	7.894	7.876	7.905	VV	40	553	0.18%	0.109%
73	7.911	7.905	7.922	VV	40	356	0.12%	0.070%
74	7.938	7.922	7.955	VV	36	637	0.21%	0.126%
75	8.028	7.955	8.044	VV	96	3453	1.12%	0.680%
76	8.054	8.044	8.064	VV	101	1117	0.36%	0.220%
77	8.069	8.064	8.125	VV	99	3485	1.13%	0.687%
78	8.143	8.125	8.164	VV	98	2042	0.66%	0.402%
79	8.169	8.164	8.211	VV	91	2302	0.75%	0.454%

80	8.237	8.211	8.252	VV	87	1956	0.64%	0.385%
81	8.270	8.252	8.297	VV	83	1995	0.65%	0.393%
82	8.316	8.297	8.333	VV	85	1653	0.54%	0.326%
83	8.342	8.333	8.351	VV	76	785	0.26%	0.155%
84	8.391	8.351	8.407	VV	83	2480	0.81%	0.489%
85	8.414	8.407	8.484	VV	74	2454	0.80%	0.484%
86	8.492	8.484	8.524	VV	36	611	0.20%	0.120%
87	8.555	8.524	8.574	VV	43	702	0.23%	0.138%
88	8.585	8.574	8.591	VV	16	110	0.04%	0.022%
89	8.659	8.591	8.667	VV	38	727	0.24%	0.143%
90	8.800	8.667	8.983	VV	5365	307741	100.00%	60.640%
91	8.992	8.983	9.029	VV	63	1358	0.44%	0.268%
92	9.038	9.029	9.077	VV	46	1190	0.39%	0.234%
93	9.086	9.077	9.118	VV	43	752	0.24%	0.148%
94	9.130	9.118	9.148	VV	28	436	0.14%	0.086%
95	9.175	9.148	9.196	VV	28	699	0.23%	0.138%
96	9.207	9.196	9.264	VV	32	791	0.26%	0.156%
97	9.273	9.264	9.280	VV	20	120	0.04%	0.024%
98	9.302	9.280	9.322	VV	19	330	0.11%	0.065%
99	9.337	9.322	9.346	VV	21	193	0.06%	0.038%
100	9.358	9.346	9.392	VV	20	429	0.14%	0.085%
101	9.397	9.392	9.408	VV	15	126	0.04%	0.025%
102	9.466	9.408	9.492	VV	22	757	0.25%	0.149%
103	9.525	9.492	9.548	VV	20	504	0.16%	0.099%
104	9.569	9.548	9.592	VV	18	323	0.10%	0.064%
105	9.607	9.592	9.618	VV	24	192	0.06%	0.038%
106	9.645	9.618	9.652	PV	18	171	0.06%	0.034%
107	9.662	9.652	9.671	VV	20	177	0.06%	0.035%
108	9.685	9.671	9.696	VV	21	220	0.07%	0.043%
109	9.711	9.696	9.731	VV	13	212	0.07%	0.042%
110	9.759	9.731	9.787	VV	23	379	0.12%	0.075%
111	9.806	9.787	9.817	VV	16	152	0.05%	0.030%
112	9.831	9.817	9.862	VV	27	444	0.14%	0.087%
113	9.927	9.862	10.026	VV	65	4081	1.33%	0.804%
114	10.039	10.026	10.076	VV	24	488	0.16%	0.096%
115	10.097	10.076	10.108	VV	20	286	0.09%	0.056%
116	10.115	10.108	10.145	VV	20	337	0.11%	0.066%
117	10.154	10.145	10.162	VV	19	142	0.05%	0.028%
118	10.195	10.162	10.213	VV	34	586	0.19%	0.116%
119	10.221	10.213	10.243	VV	19	239	0.08%	0.047%
120	10.267	10.243	10.281	VV	28	480	0.16%	0.095%
121	10.309	10.281	10.318	VV	48	743	0.24%	0.146%
122	10.368	10.318	10.400	VV	84	2894	0.94%	0.570%
123	10.409	10.400	10.421	VV	74	889	0.29%	0.175%
124	10.436	10.421	10.513	VV	70	2697	0.88%	0.531%
125	10.525	10.513	10.540	VV	42	545	0.18%	0.107%
126	10.560	10.540	10.573	VV	47	707	0.23%	0.139%

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127	10.583	10.573	10.588	VV	59	442	0.14%	0.087%
128	10.627	10.588	10.638	VV	112	2709	0.88%	0.534%
129	10.644	10.638	10.718	VV	116	2660	0.86%	0.524%
130	10.727	10.718	10.747	VV	25	332	0.11%	0.065%
131	10.772	10.747	10.785	VV	31	527	0.17%	0.104%
132	10.795	10.785	10.803	VV	22	226	0.07%	0.045%
133	10.810	10.803	10.818	VV	27	188	0.06%	0.037%
134	10.828	10.818	10.845	VV	27	359	0.12%	0.071%
135	10.857	10.845	10.867	VV	37	304	0.10%	0.060%
136	10.873	10.867	10.878	VV	24	129	0.04%	0.025%
137	10.885	10.878	10.904	VV	24	237	0.08%	0.047%
138	10.916	10.904	10.937	VV	26	349	0.11%	0.069%
139	10.966	10.937	10.974	VV	24	316	0.10%	0.062%
140	10.990	10.974	11.018	VV	32	618	0.20%	0.122%
141	11.040	11.018	11.061	VV	44	617	0.20%	0.121%
142	11.093	11.061	11.101	PV	27	295	0.10%	0.058%
143	11.106	11.101	11.117	VV	17	110	0.04%	0.022%
144	11.162	11.117	11.175	VV	32	722	0.23%	0.142%
145	11.184	11.175	11.196	VV	13	147	0.05%	0.029%
146	11.208	11.196	11.217	VV	21	197	0.06%	0.039%
147	11.255	11.217	11.292	VV	25	854	0.28%	0.168%
148	11.320	11.292	11.353	VV	25	688	0.22%	0.136%
149	11.375	11.353	11.389	VV	26	386	0.13%	0.076%
150	11.428	11.389	11.439	VV	23	534	0.17%	0.105%
151	11.455	11.439	11.492	VV	28	628	0.20%	0.124%
152	11.508	11.492	11.587	VV	30	1268	0.41%	0.250%
153	11.639	11.587	11.707	VV	29	1335	0.43%	0.263%
154	11.721	11.707	11.765	VV	24	592	0.19%	0.117%
155	11.779	11.765	11.812	VV	25	552	0.18%	0.109%
156	11.825	11.812	11.843	VV	18	367	0.12%	0.072%
157	11.857	11.843	11.885	VV	26	401	0.13%	0.079%
158	11.896	11.885	11.982	VV	27	1112	0.36%	0.219%
159	11.995	11.982	12.047	VV	36	717	0.23%	0.141%
160	12.119	12.047	12.145	VV	41	1227	0.40%	0.242%
161	12.204	12.145	12.250	PV	40	1042	0.34%	0.205%
162	12.267	12.250	12.298	VV	20	455	0.15%	0.090%
163	12.329	12.298	12.344	VV	28	492	0.16%	0.097%
164	12.362	12.344	12.416	VV	28	796	0.26%	0.157%
165	12.467	12.416	12.483	VV	42	948	0.31%	0.187%
166	12.527	12.483	12.589	VV	27	1002	0.33%	0.197%
167	12.609	12.589	12.649	VV	29	591	0.19%	0.117%
168	12.695	12.649	12.731	VV	37	622	0.20%	0.123%
169	12.763	12.731	12.784	VV	31	587	0.19%	0.116%
170	12.913	12.784	12.946	VV	62	2997	0.97%	0.591%
171	12.961	12.946	12.998	VV	32	806	0.26%	0.159%
172	13.085	12.998	13.127	VV	71	3282	1.07%	0.647%
173	13.203	13.127	13.324	VV	126	7088	2.30%	1.397%
174	13.356	13.324	13.384	VV	25	585	0.19%	0.115%

					rterres			
175	13.408	13.384	13.514	VV	20	1144	0.37%	0.225%
176	13.558	13.514	13.608	VV	36	967	0.31%	0.190%
177	13.634	13.608	13.680	VV	23	719	0.23%	0.142%
178	13.705	13.680	13.726	VV	36	522	0.17%	0.103%
179	13.751	13.726	13.797	VV	18	666	0.22%	0.131%
180	13.927	13.797	14.017	VV	140	8311	2.70%	1.638%
181	14.120	14.017	14.301	VV	99	9450	3.07%	1.862%
182	14.314	14.301	14.393	VV	22	904	0.29%	0.178%
183	14.409	14.393	14.448	VV	23	639	0.21%	0.126%
184	14.463	14.448	14.504	VV	30	514	0.17%	0.101%
185	14.537	14.504	14.577	VV	16	495	0.16%	0.098%
186	14.622	14.577	14.684	VV	22	764	0.25%	0.150%
187	14.762	14.684	14.797	VV	24	954	0.31%	0.188%
188	14.810	14.797	14.827	VV	19	188	0.06%	0.037%
189	14.865	14.827	14.902	PV	27	638	0.21%	0.126%
190	14.932	14.902	14.964	VV	19	363	0.12%	0.071%
191	15.064	14.964	15.164	VV	47	3085	1.00%	0.608%
192	15.182	15.164	15.208	VV	20	424	0.14%	0.084%
193	15.220	15.208	15.259	VV	25	350	0.11%	0.069%
194	15.337	15.259	15.350	VV	24	654	0.21%	0.129%
195	15.407	15.350	15.424	VV	37	1257	0.41%	0.248%
196	15.466	15.424	15.483	VV	39	1170	0.38%	0.231%
197	15.518	15.483	15.534	VV	53	1294	0.42%	0.255%
198	15.738	15.534	15.776	VV	180	16063	5.22%	3.165%
199	15.786	15.776	16.041	VV	167	12829	4.17%	2.528%
200	16.047	16.041	16.082	VV	23	296	0.10%	0.058%
201	16.096	16.082	16.113	VV	7	108	0.04%	0.021%
202	16.202	16.113	16.321	PV	254	11616	3.77%	2.289%
203	16.367	16.321	16.380	PV	13	185	0.06%	0.037%
				Sum of corrected areas:		507490		

FB092225.M Wed Sep 24 01:58:24 2025



CALIBRATION SUMMARY

GASOLINE RANGE ORGANICS INITIAL CALIBRATION SUMMARY

Lab Name: Alliance

Contract: ALWA01

ProjectID: Yard Soil Cleanup

Lab Code: ACE

SDG No.: Q3157

Calibration Sequence : FB092225			Test : Gasoline Range Organics	
Concentration	(PPB)	Area Count	Reference Factor	File ID
45		1341516	29811	FB032214.D
90		2850195	31669	FB032215.D
180		5675270	31529	FB032216.D
450		14166602	31481	FB032217.D
900		28726009	31918	FB032218.D
AVG RF : 31282		% RSD : 2.683		AVG RT : 8.7958

GASOLINE RANGE ORGANICS CONTINUING CALIBRATION SUMMARY

20 PPB GRO STD

Lab Name: Alliane Contract: ALWA01
ProjectID: Yard Soil Cleanup
Lab Code: ACE SDG No.: Q3157
DataFile: FB032229.D Analyst Name: YP/AJ Analyst Date: 09-23-2025

Conc. (PPB)	Area Count	RF	Average RF	%D
180	5537066	30761	31282	1.665

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB092325\
 Data File : FB032229.D
 Signal(s) : FID2B.CH
 Acq On : 23 Sep 2025 9:28
 Operator : YP/AJ
 Sample : 20 PPB GRO STD
 Misc :
 ALS Vial : 1 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 24 01:33:17 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB092225.M
 Quant Title :
 QLast Update : Mon Sep 22 12:16:10 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 5 g/ml
 Signal Phase : RTX-502.2
 Signal Info : 60mx0.53mmx3.00um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
5) s AAA-TFT	8.795	353863	19.769 ng/ml
Target Compounds			
1) t 2-Methylpentane	4.712	785986	29.104 ng/ml
2) t 2,2,4-Trimethylpentane	7.424	909895	32.210 ng/ml
3) t n-Heptane	7.755	284614	10.417 ng/ml
4) t Benzene	7.893	362591	10.033 ng/ml
6) t Toluene	10.624	1063175	28.545 ng/ml
7) t Ethylbenzene	13.060	314435	9.619 ng/ml
8) t m-Xylene	13.193	653612	19.176 ng/ml
9) t O-Xylene	13.920	622751	19.071 ng/ml
10) t 1,2,4-Trimethylbenzene	16.195	540007	19.306 ng/ml

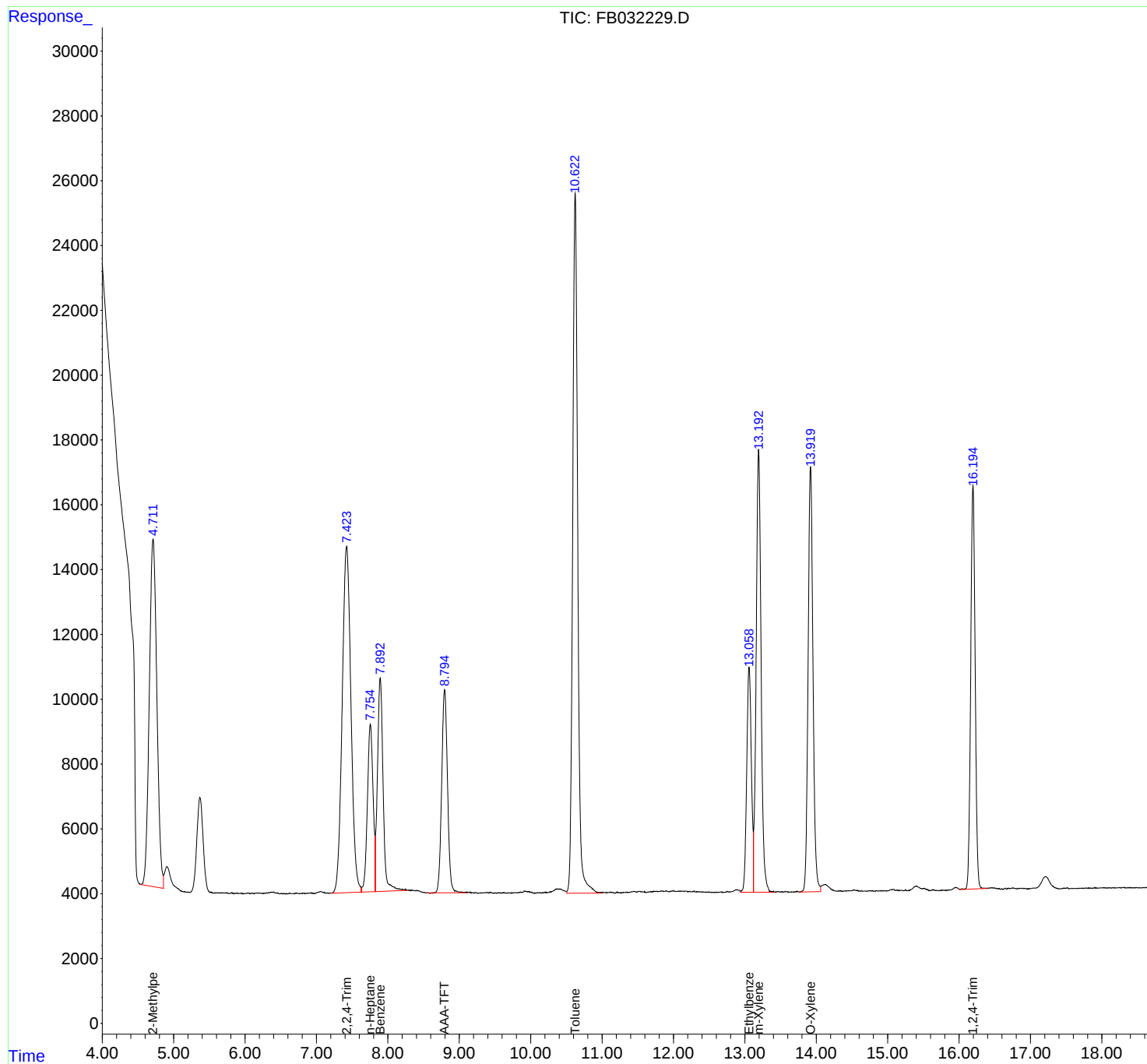
(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB092325\
Data File : FB032229.D
Signal(s) : FID2B.CH
Acq On : 23 Sep 2025 9:28
Operator : YP/AJ
Sample : 20 PPB GRO STD
Misc :
ALS Vial : 1 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Sep 24 01:33:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB092225.M
Quant Title :
QLast Update : Mon Sep 22 12:16:10 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 5 g/ml
Signal Phase : RTX-502.2
Signal Info : 60mx0.53mmx3.00um



rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB092325\
Data File : FB032229.D
Signal(s) : FID2B.CH
Acq On : 23 Sep 2025 9:28
Sample : 20 PPB GR0 STD
Misc :
ALS Vial : 1 Sample Multiplier: 1

Integration File: Calibration.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB092225.M
Title :

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.712	4.532	4.856	BV	10722	785986	73.93%	13.342%
2	7.424	7.202	7.629	PV	10683	909895	85.58%	15.446%
3	7.755	7.629	7.823	VV	5169	284614	26.77%	4.831%
4	7.893	7.823	8.270	VB	6585	362591	34.10%	6.155%
5	8.795	8.551	9.099	BV	6262	353863	33.28%	6.007%
6	10.624	10.505	11.008	VV	21577	1063175	100.00%	18.048%
7	13.060	12.937	13.121	VV	6951	314435	29.58%	5.338%
8	13.193	13.121	13.416	VV	13670	653612	61.48%	11.095%
9	13.920	13.761	14.062	BV	13120	622751	58.57%	10.571%
10	16.195	16.005	16.403	VBA	12435	540007	50.79%	9.167%

Sum of corrected areas: 5890929

FB092225.M Wed Sep 24 01:54:16 2025

GASOLINE RANGE ORGANICS CONTINUING CALIBRATION SUMMARY

20 PPB GRO STD

Lab Name: Alliane

Contract: ALWA01

ProjectID: Yard Soil Cleanup

Lab Code: ACE

SDG No.: Q3157

DataFile: FB032235.D

Analyst Name: YP/AJ

Analyst Date: 09-23-2025

Conc. (PPB)	Area Count	RF	Average RF	%D
180	5763035	32017	31282	2.35

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB092325\
 Data File : FB032235.D
 Signal(s) : FID2B.CH
 Acq On : 23 Sep 2025 14:02
 Operator : YP/AJ
 Sample : 20 PPB GRO STD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 24 01:34:39 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB092225.M
 Quant Title :
 QLast Update : Mon Sep 22 12:16:10 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 5 g/ml
 Signal Phase : RTX-502.2
 Signal Info : 60mx0.53mmx3.00um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
5) s AAA-TFT	8.801	362699	20.263 ng/ml
Target Compounds			
1) t 2-Methylpentane	4.720	837565	31.014 ng/ml
2) t 2,2,4-Trimethylpentane	7.432	956900	33.874 ng/ml
3) t n-Heptane	7.761	300827	11.010 ng/ml
4) t Benzene	7.899	362497	10.031 ng/ml
6) t Toluene	10.630	1097011	29.454 ng/ml
7) t Ethylbenzene	13.066	321807	9.845 ng/ml
8) t m-Xylene	13.199	675384	19.815 ng/ml
9) t O-Xylene	13.926	648120	19.848 ng/ml
10) t 1,2,4-Trimethylbenzene	16.201	562924	20.125 ng/ml

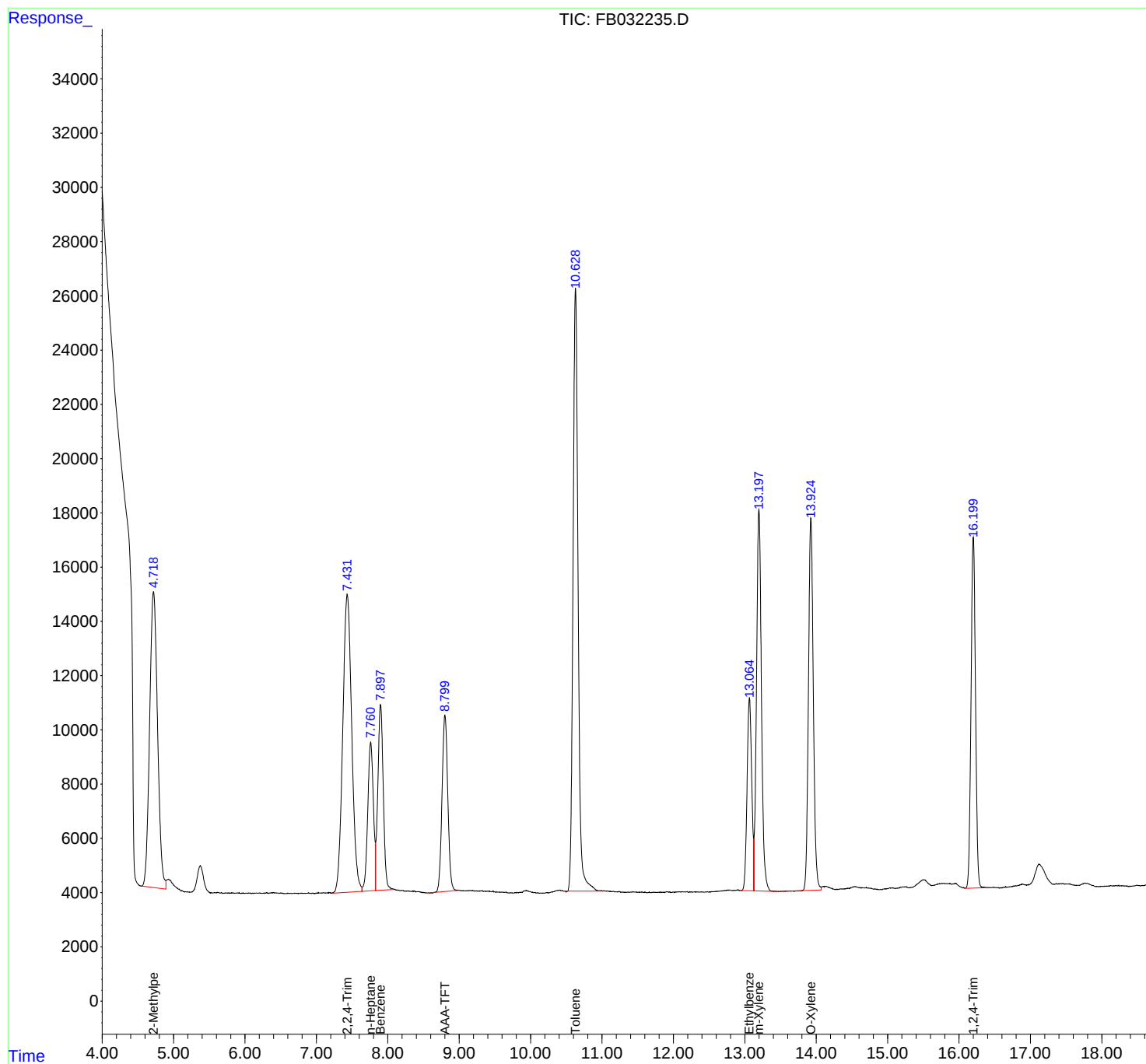
(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB092325\
Data File : FB032235.D
Signal(s) : FID2B.CH
Acq On : 23 Sep 2025 14:02
Operator : YP/AJ
Sample : 20 PPB GRO STD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Sep 24 01:34:39 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB092225.M
Quant Title :
QLast Update : Mon Sep 22 12:16:10 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 5 g/ml
Signal Phase : RTX-502.2
Signal Info : 60mx0.53mmx3.00um



rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB092325\
Data File : FB032235.D
Signal(s) : FID2B.CH
Acq On : 23 Sep 2025 14:02
Sample : 20 PPB GR0 STD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Integration File: Calibration.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB092225.M
Title :

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.720	4.551	4.893	BV	10913	837565	76.35%	13.673%
2	7.432	7.220	7.639	PV	10979	956900	87.23%	15.621%
3	7.761	7.639	7.829	VV	5482	300827	27.42%	4.911%
4	7.899	7.829	8.086	VV	6842	362497	33.04%	5.918%
5	8.801	8.559	8.971	BV	6497	362699	33.06%	5.921%
6	10.630	10.460	11.008	BV	22231	1097011	100.00%	17.908%
7	13.066	12.940	13.127	BV	7107	321807	29.33%	5.253%
8	13.199	13.127	13.449	VB	14053	675384	61.57%	11.025%
9	13.926	13.497	14.071	BV	13724	648120	59.08%	10.580%
10	16.201	16.082	16.403	PBA	12922	562924	51.31%	9.189%

Sum of corrected areas: 6125735

FB092225.M Wed Sep 24 01:57:02 2025

Analytical Sequence

Client: Always Available Construction LLC.

SDG No.: Q3157

Project: Yard Soil Cleanup

Instrument ID: FID_B

GC Column: RTX-502.2 **ID:** 0.53 (mm)

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES,
AND STANDARDS IS GIVEN BELOW:

MEAN SUROGATE RT FROM INITIAL CALIBRATION 8.7958					
CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE AND TIME ANALYZED	DATAFILE	RT	#
20 PPB GRO STD	20 PPB GRO STD	23 Sep 2025 9:28	FB032229.D	8.795	
VBF0923S1	VBF0923S1	23 Sep 2025 10:13	FB032230.D	8.799	
BSF0923S1	BSF0923S1	23 Sep 2025 11:08	FB032232.D	8.798	
BSF0923S2	BSF0923S2	23 Sep 2025 11:36	FB032233.D	8.800	
20-DEAD-1	Q3157-01	23 Sep 2025 12:20	FB032234.D	8.659	*
20 PPB GRO STD	20 PPB GRO STD	23 Sep 2025 14:02	FB032235.D	8.801	



QC SAMPLE DATA

Report of Analysis

Client:	Always Available Construction LLC.		Date Collected:		
Project:	Yard Soil Cleanup		Date Received:		
Client Sample ID:	VBF0923S1		SDG No.:	Q3157	
Lab Sample ID:	VBF0923S1		Matrix:	SOIL	
Analytical Method:	8015D GRO		% Solid:	100	Decanted:
Sample Wt/Vol:	5	Units: g	Final Vol:	5	mL
Soil Aliquot Vol:		uL	Test:	Gasoline Range Organics	
Extraction Type:			Injection Volume :		
GPC Factor :	PH :				
Prep Method :					

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
FB032230.D	1	09/23/25 10:13	FB092325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
GRO	GRO	8.00	U	8.00	45.0	ug/kg
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	20.1		50 - 150	100%	SPK: 20

Comments:

U = Not Detected
 LOQ = Limit of Quantitation
 MDL = Method Detection Limit
 LOD = Limit of Detection
 E = Value Exceeds Calibration Range
 P = Indicates >25% difference for detected concentrations between the two GC columns
 Q = indicates LCS control criteria did not meet requirements
 M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
 B = Analyte Found in Associated Method Blank
 N = Presumptive Evidence of a Compound
 * = Values outside of QC limits
 D = Dilution
 S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
 () = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB092325\
Data File : FB032230.D
Signal(s) : FID2B.CH
Acq On : 23 Sep 2025 10:13
Operator : YP/AJ
Sample : VBF0923S1
Misc : 5.00G/5.00 ML DI WATER
ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Sep 24 01:33:31 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB092225.M
Quant Title :
QLast Update : Mon Sep 22 12:16:10 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 5 g/ml
Signal Phase : RTX-502.2
Signal Info : 60mx0.53mmx3.00um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
5) s AAA-TFT	8.799	358860	20.049 ng/ml
Target Compounds			

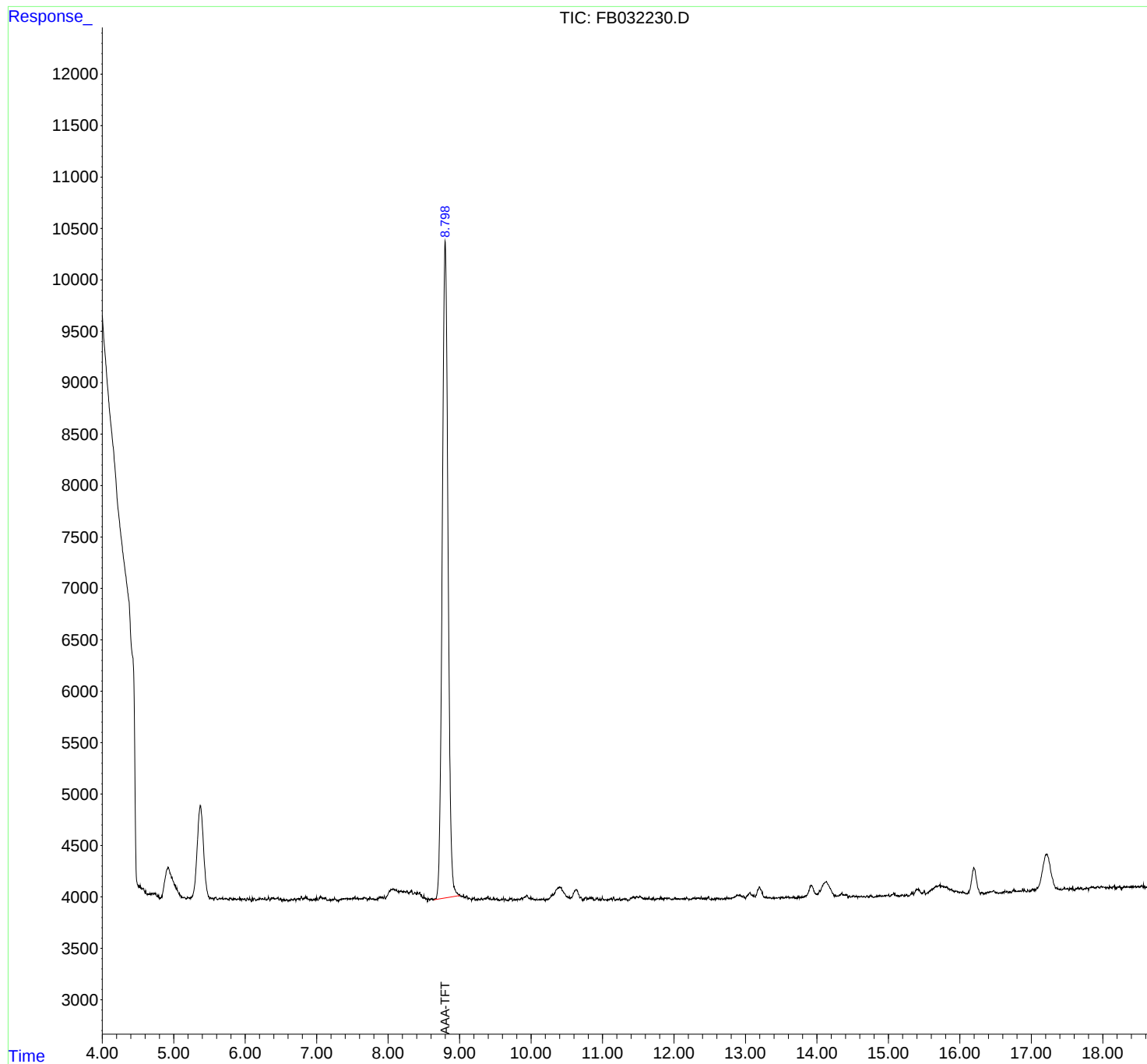
(f)=RT Delta > 1/2 Window

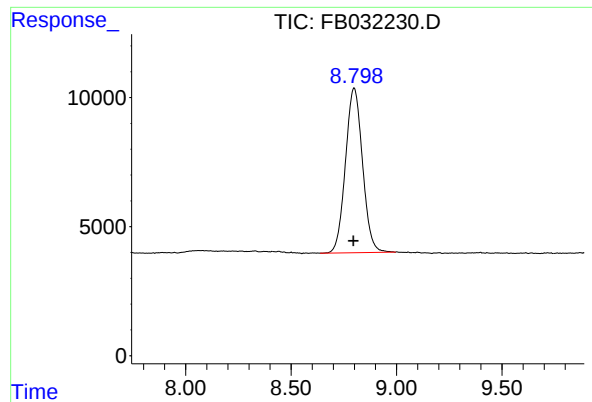
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB092325\
Data File : FB032230.D
Signal(s) : FID2B.CH
Acq On : 23 Sep 2025 10:13
Operator : YP/AJ
Sample : VBF0923S1
Misc : 5.00G/5.00 ML DI WATER
ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Sep 24 01:33:31 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB092225.M
Quant Title :
QLast Update : Mon Sep 22 12:16:10 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 5 g/ml
Signal Phase : RTX-502.2
Signal Info : 60mx0.53mmx3.00um





#5 AAA-TFT

R.T.: 8.799 min

Delta R.T.: 0.003 min

Response: 358860

Conc: 20.05 ng/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB092325\
Data File : FB032230.D
Signal(s) : FID2B.CH
Acq On : 23 Sep 2025 10:13
Sample : VBF0923S1
Misc : 5.00G/5.00 ML DI WATER
ALS Vial : 2 Sample Multiplier: 1

Integration File: Calibration.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB092225.M
Title :

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	8.799	8.637	8.996	PV	6387	358860	100.00%	100.000%
Sum of corrected areas:						358860		

FB092225.M Wed Sep 24 01:54:37 2025

Report of Analysis

Client:	Always Available Construction LLC.		Date Collected:	
Project:	Yard Soil Cleanup		Date Received:	
Client Sample ID:	BSF0923S1		SDG No.:	Q3157
Lab Sample ID:	BSF0923S1		Matrix:	SOIL
Analytical Method:	8015D GRO		% Solid:	100
Sample Wt/Vol:	5	Units: g	Decanted:	
Soil Aliquot Vol:		uL	Final Vol:	5 mL
Extraction Type:			Test:	Gasoline Range Organics
GPC Factor :		PH :	Injection Volume :	
Prep Method :				

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
FB032232.D	1	09/23/25 11:08	FB092325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
GRO	GRO	171		8.00	45.0	ug/kg
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	20.4		50 - 150	102%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB092325\
 Data File : FB032232.D
 Signal(s) : FID2B.CH
 Acq On : 23 Sep 2025 11:08
 Operator : YP/AJ
 Sample : BSF0923S1
 Misc : 5.00G/5.00 ML DI WATER
 ALS Vial : 4 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 24 01:33:56 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB092225.M
 Quant Title :
 QLast Update : Mon Sep 22 12:16:10 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 5 g/ml
 Signal Phase : RTX-502.2
 Signal Info : 60mx0.53mmx3.00um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
5) s AAA-TFT	8.798	364373	20.357 ng/ml
Target Compounds			
1) t 2-Methylpentane	4.714	753154	27.888 ng/ml
2) t 2,2,4-Trimethylpentane	7.428	887138	31.405 ng/ml
3) t n-Heptane	7.757	281380	10.298 ng/ml
4) t Benzene	7.896	350423	9.696 ng/ml
6) t Toluene	10.627	1025353	27.530 ng/ml
7) t Ethylbenzene	13.063	298610	9.135 ng/ml
8) t m-Xylene	13.196	626220	18.373 ng/ml
9) t O-Xylene	13.924	605300	18.536 ng/ml
10) t 1,2,4-Trimethylbenzene	16.199	510473	18.250 ng/ml

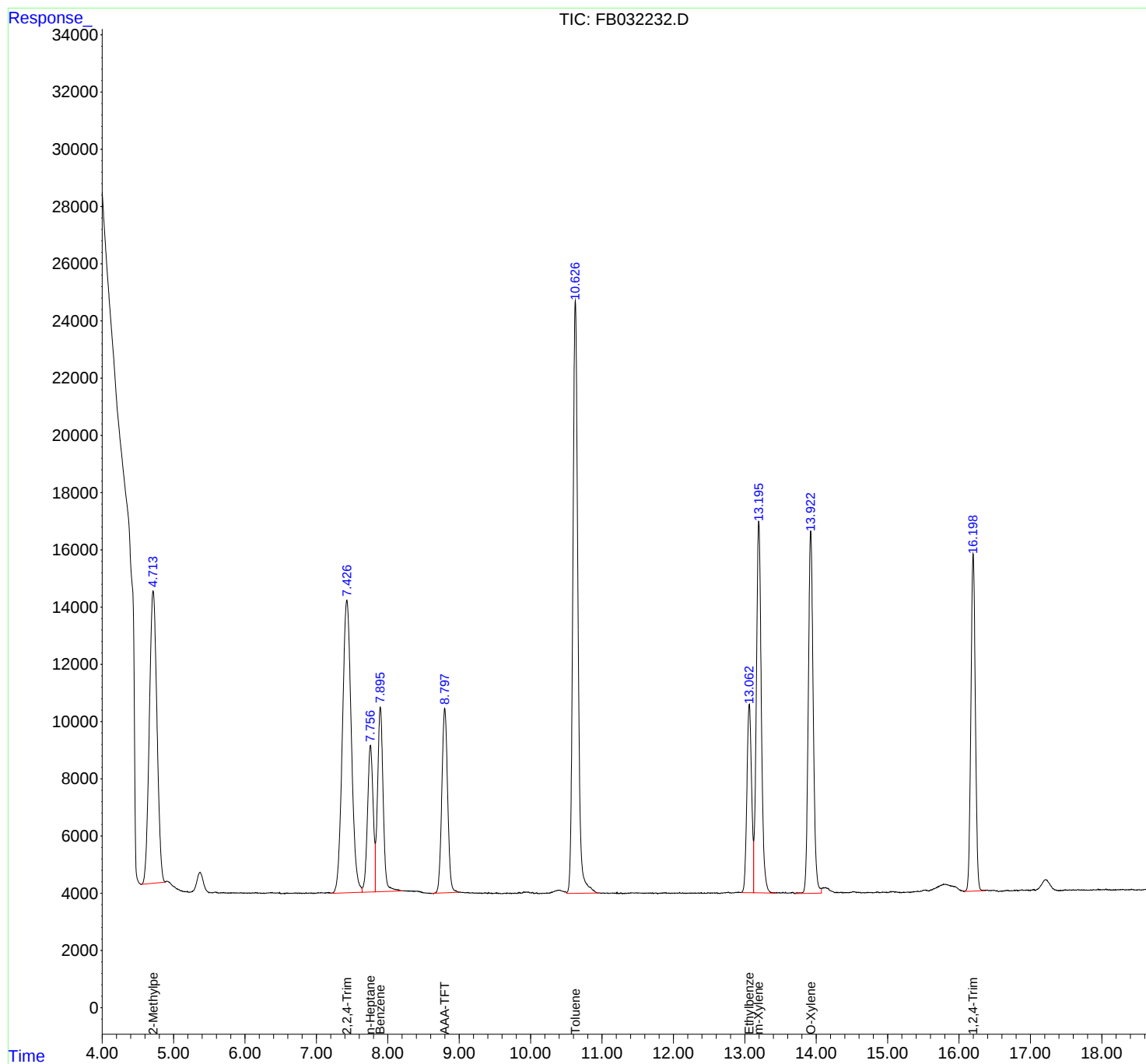
(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB092325\
Data File : FB032232.D
Signal(s) : FID2B.CH
Acq On : 23 Sep 2025 11:08
Operator : YP/AJ
Sample : BSF0923S1
Misc : 5.00G/5.00 ML DI WATER
ALS Vial : 4 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Sep 24 01:33:56 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB092225.M
Quant Title :
QLast Update : Mon Sep 22 12:16:10 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 5 g/ml
Signal Phase : RTX-502.2
Signal Info : 60mx0.53mmx3.00um



rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB092325\
Data File : FB032232.D
Signal(s) : FID2B.CH
Acq On : 23 Sep 2025 11:08
Sample : BSF0923S1
Misc : 5.00G/5.00 ML DI WATER
ALS Vial : 4 Sample Multiplier: 1

Integration File: Calibration.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB092225.M
Title :

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.714	4.543	4.883	BV	10216	753154	73.45%	13.208%
2	7.428	7.205	7.641	PV	10229	887138	86.52%	15.557%
3	7.757	7.641	7.826	VV	5122	281380	27.44%	4.934%
4	7.896	7.826	8.208	VV	6451	350423	34.18%	6.145%
5	8.798	8.618	8.992	BV	6451	364373	35.54%	6.390%
6	10.627	10.506	10.950	VV	20700	1025353	100.00%	17.981%
7	13.063	12.957	13.124	BV	6582	298610	29.12%	5.237%
8	13.196	13.124	13.441	VB	12984	626220	61.07%	10.982%
9	13.924	13.700	14.073	PV	12664	605300	59.03%	10.615%
10	16.199	16.069	16.369	PB	11781	510473	49.79%	8.952%

Sum of corrected areas: 5702424

FB092225.M Wed Sep 24 01:55:26 2025

Report of Analysis

Client:	Always Available Construction LLC.		Date Collected:		
Project:	Yard Soil Cleanup		Date Received:		
Client Sample ID:	BSF0923S2		SDG No.:	Q3157	
Lab Sample ID:	BSF0923S2		Matrix:	SOIL	
Analytical Method:	8015D GRO		% Solid:	100	Decanted:
Sample Wt/Vol:	5	Units: g	Final Vol:	5	mL
Soil Aliquot Vol:		uL	Test:	Gasoline Range Organics	
Extraction Type:			Injection Volume :		
GPC Factor :	PH :				
Prep Method :					

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
FB032233.D	1	09/23/25 11:36	FB092325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
GRO	GRO	151		8.00	45.0	ug/kg
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	20.9		50 - 150	104%	SPK: 20

Comments:

U = Not Detected
 LOQ = Limit of Quantitation
 MDL = Method Detection Limit
 LOD = Limit of Detection
 E = Value Exceeds Calibration Range
 P = Indicates >25% difference for detected concentrations between the two GC columns
 Q = indicates LCS control criteria did not meet requirements
 M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
 B = Analyte Found in Associated Method Blank
 N = Presumptive Evidence of a Compound
 * = Values outside of QC limits
 D = Dilution
 S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
 () = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB092325\
 Data File : FB032233.D
 Signal(s) : FID2B.CH
 Acq On : 23 Sep 2025 11:36
 Operator : YP/AJ
 Sample : BSF0923S2
 Misc : 5.00G/5.00 ML DI WATER
 ALS Vial : 5 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 24 01:34:11 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB092225.M
 Quant Title :
 QLast Update : Mon Sep 22 12:16:10 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 5 g/ml
 Signal Phase : RTX-502.2
 Signal Info : 60mx0.53mmx3.00um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
5) s AAA-TFT	8.800	373996	20.894 ng/ml
Target Compounds			
1) t 2-Methylpentane	4.716	642081	23.775 ng/ml
2) t 2,2,4-Trimethylpentane	7.429	773096	27.368 ng/ml
3) t n-Heptane	7.760	234490	8.582 ng/ml
4) t Benzene	7.898	313104	8.664 ng/ml
6) t Toluene	10.629	917032	24.622 ng/ml
7) t Ethylbenzene	13.065	267806	8.193 ng/ml
8) t m-Xylene	13.197	560582	16.447 ng/ml
9) t O-Xylene	13.925	549054	16.814 ng/ml
10) t 1,2,4-Trimethylbenzene	16.199	468859	16.762 ng/ml

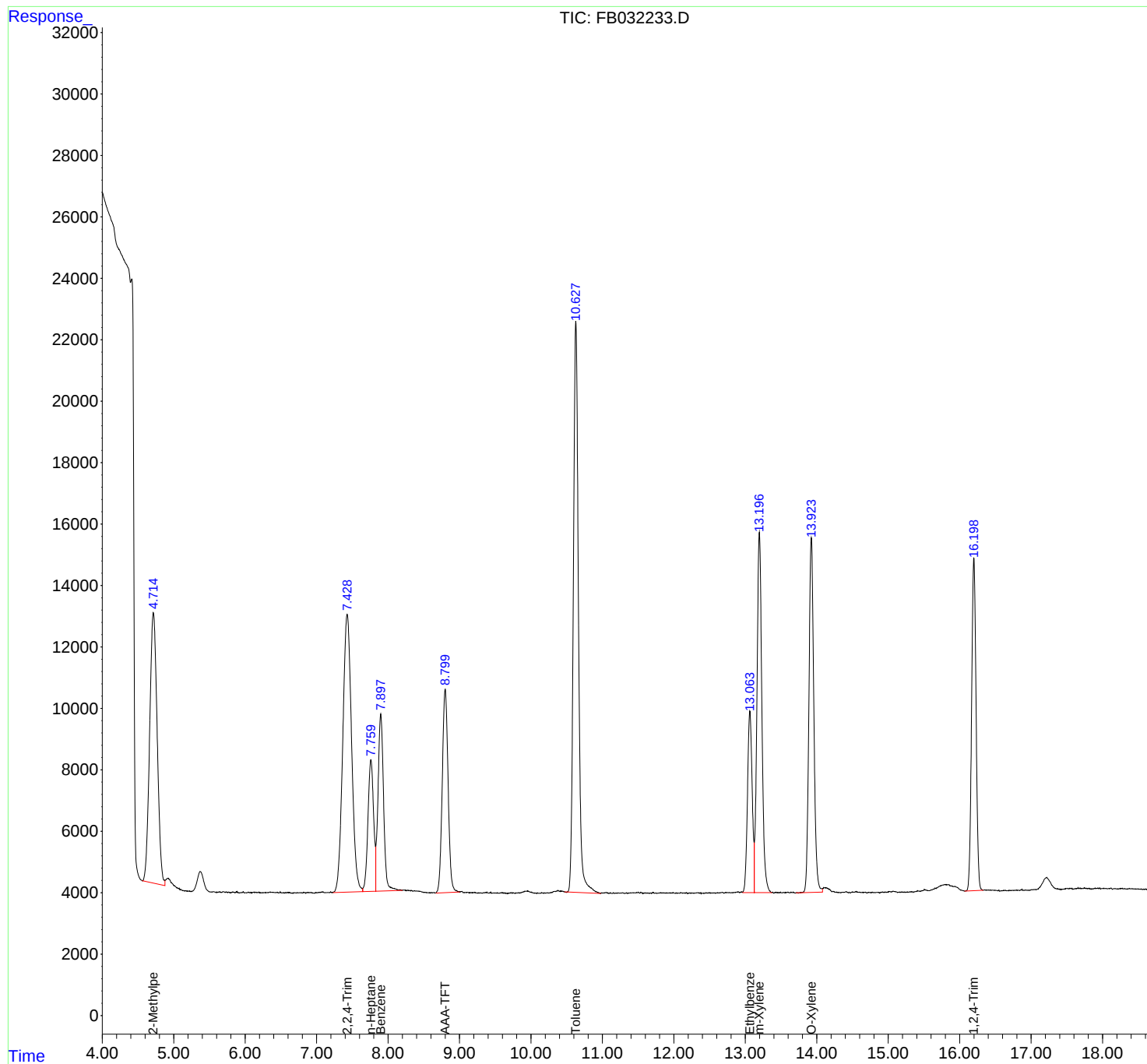
(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB092325\
Data File : FB032233.D
Signal(s) : FID2B.CH
Acq On : 23 Sep 2025 11:36
Operator : YP/AJ
Sample : BSF0923S2
Misc : 5.00G/5.00 ML DI WATER
ALS Vial : 5 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Sep 24 01:34:11 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB092225.M
Quant Title :
QLast Update : Mon Sep 22 12:16:10 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 5 g/ml
Signal Phase : RTX-502.2
Signal Info : 60mx0.53mmx3.00um



rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB092325\
Data File : FB032233.D
Signal(s) : FID2B.CH
Acq On : 23 Sep 2025 11:36
Sample : BSF0923S2
Misc : 5.00G/5.00 ML DI WATER
ALS Vial : 5 Sample Multiplier: 1

Integration File: Calibration.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB092225.M
Title :

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.716	4.557	4.877	BV	8802	642081	70.02%	12.590%
2	7.429	7.229	7.645	BV	9048	773096	84.30%	15.158%
3	7.760	7.645	7.827	VV	4289	234490	25.57%	4.598%
4	7.898	7.827	8.203	VV	5761	313104	34.14%	6.139%
5	8.800	8.667	9.004	PV	6626	373996	40.78%	7.333%
6	10.629	10.471	10.978	BV	18577	917032	100.00%	17.981%
7	13.065	12.964	13.126	VV	5910	267806	29.20%	5.251%
8	13.197	13.126	13.372	VV	11715	560582	61.13%	10.992%
9	13.925	13.711	14.081	BV	11543	549054	59.87%	10.766%
10	16.199	16.068	16.331	PV	10832	468859	51.13%	9.193%

Sum of corrected areas: 5100100

FB092225.M Wed Sep 24 01:56:19 2025

Instrument ID: FID_B

Daily Analysis Runlog For Sequence/QCBatch ID # FB092225

Review By	yogesh	Review On	9/24/2025 9:01:10 AM
Supervise By		Supervise On	
SubDirectory	FB092225	HP Acquire Method	FID_B
		HP Processing Method	fb092225.m
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24931,PP24932,PP24933,PP24934,PP24935		
CCC Internal Standard/PEM	PP24937,PP24938		
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24936		

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	5 GRO STD	FB032214.D	22 Sep 2025 9:53	YP/AJ	Ok
2	10 GRO STD	FB032215.D	22 Sep 2025 10:21	YP/AJ	Ok
3	20 GRO STD	FB032216.D	22 Sep 2025 10:48	YP/AJ	Ok
4	50 GRO STD	FB032217.D	22 Sep 2025 11:16	YP/AJ	Ok
5	100 GRO STD	FB032218.D	22 Sep 2025 11:44	YP/AJ	Ok
6	FB0922GROICV	FB032219.D	22 Sep 2025 12:43	YP/AJ	Ok
7	20 PPB GRO STD	FB032220.D	22 Sep 2025 13:23	YP/AJ	Ok
8	BSF0922S1	FB032221.D	22 Sep 2025 14:08	YP/AJ	Not Ok
9	VBF0922S2	FB032222.D	22 Sep 2025 14:35	YP/AJ	Ok
10	VBF0922S1	FB032223.D	22 Sep 2025 15:03	YP/AJ	Ok
11	Q3123-01	FB032224.D	22 Sep 2025 15:31	YP/AJ	Ok
12	Q3157-01	FB032225.D	22 Sep 2025 15:59	YP/AJ	Not Ok
13	BSF0922S1	FB032226.D	22 Sep 2025 16:35	YP/AJ	Ok
14	BSF0922S2	FB032227.D	22 Sep 2025 17:02	YP/AJ	Ok
15	20 PPB GRO STD	FB032228.D	22 Sep 2025 17:58	YP/AJ	Ok

M : Manual Integration

Instrument ID: FID_B

Daily Analysis Runlog For Sequence/QC Batch ID # FB092325

Review By	yogesh	Review On	9/24/2025 9:00:52 AM
Supervise By		Supervise On	
SubDirectory	FB092325	HP Acquire Method	FID_B
		HP Processing Method	fb092225.m
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24931,PP24932,PP24933,PP24934,PP24935		
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24939,PP24940		

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	20 PPB GRO STD	FB032229.D	23 Sep 2025 9:28	YP/AJ	Ok
2	VBF0923S1	FB032230.D	23 Sep 2025 10:13	YP/AJ	Ok
3	VBF0923S2	FB032231.D	23 Sep 2025 10:40	YP/AJ	Ok
4	BSF0923S1	FB032232.D	23 Sep 2025 11:08	YP/AJ	Ok
5	BSF0923S2	FB032233.D	23 Sep 2025 11:36	YP/AJ	Ok
6	Q3157-01	FB032234.D	23 Sep 2025 12:20	YP/AJ	Ok
7	20 PPB GRO STD	FB032235.D	23 Sep 2025 14:02	YP/AJ	Ok

M : Manual Integration

Instrument ID: FID_B

Daily Analysis Runlog For Sequence/QC Batch ID # FB092225

Review By	yogesh	Review On	9/24/2025 9:01:10 AM
Supervise By		Supervise On	
SubDirectory	FB092225	HP Acquire Method	FID_B
		HP Processing Method	fb092225.m
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24931,PP24932,PP24933,PP24934,PP24935		
CCC	PP24937,PP24938		
Internal Standard/PEM			
ICV/I.BLK	PP24936		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	5 GRO STD		FB032214.D	22 Sep 2025 9:53		YP/AJ	Ok
2	10 GRO STD		FB032215.D	22 Sep 2025 10:21		YP/AJ	Ok
3	20 GRO STD		FB032216.D	22 Sep 2025 10:48		YP/AJ	Ok
4	50 GRO STD		FB032217.D	22 Sep 2025 11:16		YP/AJ	Ok
5	100 GRO STD		FB032218.D	22 Sep 2025 11:44		YP/AJ	Ok
6	FB0922GROICV		FB032219.D	22 Sep 2025 12:43		YP/AJ	Ok
7	20 PPB GRO STD		FB032220.D	22 Sep 2025 13:23		YP/AJ	Ok
8	BSF0922S1		FB032221.D	22 Sep 2025 14:08	Not Used	YP/AJ	Not Ok
9	VBF0922S2		FB032222.D	22 Sep 2025 14:35		YP/AJ	Ok
10	VBF0922S1		FB032223.D	22 Sep 2025 15:03		YP/AJ	Ok
11	Q3123-01		FB032224.D	22 Sep 2025 15:31		YP/AJ	Ok
12	Q3157-01		FB032225.D	22 Sep 2025 15:59	Vial A not Purged	YP/AJ	Not Ok
13	BSF0922S1		FB032226.D	22 Sep 2025 16:35		YP/AJ	Ok
14	BSF0922S2		FB032227.D	22 Sep 2025 17:02		YP/AJ	Ok
15	20 PPB GRO STD		FB032228.D	22 Sep 2025 17:58		YP/AJ	Ok

M : Manual Integration

Instrument ID: FID_B

Daily Analysis Runlog For Sequence/QC Batch ID # FB092325

Review By	yogesh	Review On	9/24/2025 9:00:52 AM
Supervise By		Supervise On	
SubDirectory	FB092325	HP Acquire Method	FID_B
		HP Processing Method	fb092225.m
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24931,PP24932,PP24933,PP24934,PP24935		
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24939,PP24940		

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	20 PPB GRO STD		FB032229.D	23 Sep 2025 9:28		YP/AJ	Ok
2	VBF0923S1		FB032230.D	23 Sep 2025 10:13		YP/AJ	Ok
3	VBF0923S2		FB032231.D	23 Sep 2025 10:40		YP/AJ	Ok
4	BSF0923S1		FB032232.D	23 Sep 2025 11:08		YP/AJ	Ok
5	BSF0923S2		FB032233.D	23 Sep 2025 11:36		YP/AJ	Ok
6	Q3157-01		FB032234.D	23 Sep 2025 12:20	Vial B	YP/AJ	Ok
7	20 PPB GRO STD		FB032235.D	23 Sep 2025 14:02		YP/AJ	Ok

M : Manual Integration



PERCENT SOLID

Supervisor: Iwona
Analyst: JIGNESH
Date: 9/22/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:10
In Date: 09/19/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:37
Out Date: 09/20/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC:LB137247

Lab ID	Client SampleID	Dish #	Dish Wt (g) (A)	Sample Wt (g)	Dish + Sample Wt (g) (B)	Dish+Dry Sample Wt (g) (C)	% Solid	Comments
Q3143-05	SVOC-GPC-BLANK	1	1.00	1.00	2.00	2.00	100.0	
Q3143-06	PEST-GPC-BLANK	2	1.00	1.00	2.00	2.00	100.0	
Q3143-07	PEST-GPC-BLANK-SPIKE	3	1.00	1.00	2.00	2.00	100.0	
Q3143-08	SVOC-GPC2-BLANK	4	1.00	1.00	2.00	2.00	100.0	
Q3143-09	PEST-GPC2-BLANK	5	1.00	1.00	2.00	2.00	100.0	
Q3143-10	PEST -GPC2-BLANK-SPIKE	6	1.00	1.00	2.00	2.00	100.0	
Q3145-01	SP-A	7	1.14	10.75	11.89	10.28	85.0	
Q3145-02	SP-A-EPH-2	8	1.19	10.41	11.6	10.1	85.6	
Q3145-03	SP-B	9	1.19	10.10	11.29	9.75	84.8	
Q3145-04	SP-B-EPH-2	10	1.13	10.64	11.77	10.28	86.0	
Q3146-01	MECHANIC-ST-PAINT-CHIP S	11	1.00	1.00	2.00	2.00	100.0	PAINT CHIPS SAMPLE
Q3147-01	S-1	12	1.18	10.22	11.4	10.7	93.2	
Q3147-02	S-2	13	1.16	10.55	11.71	10.8	91.4	
Q3147-03	S-3	14	1.19	10.42	11.61	10.84	92.6	
Q3147-04	S-4	15	1.16	10.21	11.37	10.34	89.9	
Q3147-05	S-5	16	1.19	10.13	11.32	10.6	92.9	
Q3147-06	S-6	17	1.19	10.36	11.55	10.74	92.2	
Q3147-07	S-7	18	1.19	10.72	11.91	11.00	91.5	
Q3147-08	S-8	19	1.16	10.55	11.71	10.7	90.4	
Q3147-09	S-9	20	1.19	10.28	11.47	10.55	91.1	
Q3147-10	S-10	21	1.19	10.77	11.96	11.32	94.1	
Q3147-11	S-11	22	1.17	10.58	11.75	10.97	92.6	
Q3147-12	S-12	23	1.13	10.67	11.8	10.88	91.4	
Q3147-13	S-13	24	1.19	10.70	11.89	11.15	93.1	
Q3147-14	S-14	25	1.19	10.39	11.58	10.85	93.0	
Q3147-15	S-15	26	1.11	10.77	11.88	10.96	91.5	
Q3147-16	S-16	27	1.19	10.32	11.51	10.47	89.9	
Q3147-17	S-17	28	1.15	10.58	11.73	10.8	91.2	



PERCENT SOLID

Supervisor: Iwona
Analyst: JIGNESH
Date: 9/22/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:10
In Date: 09/19/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:37
Out Date: 09/20/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC:LB137247

Lab ID	Client SampleID	Dish #	Dish Wt(g) (A)	Sample Wt(g)	Dish + Sample Wt(g) (B)	Dish+Dry Sample Wt(g) (C)	% Solid	Comments
Q3147-18	S-18	29	1.18	10.70	11.88	10.95	91.3	
Q3147-19	S-19	30	1.14	10.92	12.06	11.17	91.8	
Q3147-20	S-20	31	1.15	11.56	12.71	11.72	91.4	
Q3147-21	S-21	32	1.18	10.61	11.79	10.96	92.2	
Q3147-22	S-22	33	1.19	11.06	12.25	11.15	90.1	
Q3147-23	S-23	34	1.15	10.40	11.55	10.6	90.9	
Q3147-24	S-24	35	1.19	10.75	11.94	11.14	92.6	
Q3147-25	S-25	36	1.18	10.24	11.42	10.72	93.2	
Q3147-26	S-26	37	1.15	10.35	11.5	11.04	95.6	
Q3147-27	S-27	38	1.15	10.26	11.41	10.27	88.9	
Q3147-28	S-28	39	1.16	11.34	12.5	11.72	93.1	
Q3147-29	S-29	40	1.19	11.23	12.42	11.42	91.1	
Q3147-30	S-30	41	1.13	10.34	11.47	10.94	94.9	
Q3147-31	S-31	42	1.15	11.25	12.4	11.9	95.6	
Q3147-32	S-32	43	1.15	10.91	12.06	11.51	95.0	
Q3150-01	MER Rd Con Ed	44	1.15	10.51	11.66	10.67	90.6	
Q3150-02	MER Rd Con Ed	45	1.15	10.51	11.66	10.67	90.6	
Q3150-03	Mid Site Grid 5-7	46	1.16	10.02	11.18	8.85	76.7	
Q3150-04	Mid Site Grid 5-7	47	1.16	10.02	11.18	8.85	76.7	
Q3151-01	MH-OIL	48	1.00	1.00	2.00	2.00	100.0	oil sample
Q3152-01	EO-02-091925	49	1.14	10.86	12.00	11.16	92.3	
Q3152-02	EO-02-091925-E2	50	1.14	10.38	11.52	10.64	91.5	
Q3153-01	OR-500-COMP-39	51	1.18	10.64	11.82	11.07	93.0	
Q3153-02	OR-500-VOC-115	52	1.17	10.52	11.69	11.13	94.7	
Q3153-03	OR-500-115	53	1.19	10.49	11.68	10.88	92.4	
Q3153-05	OR-500-COMP-40	54	1.19	10.15	11.34	10.00	86.8	
Q3153-06	OR-500-VOC-116	55	1.14	10.30	11.44	10.41	90.0	
Q3153-07	OR-500-116	56	1.13	10.37	11.5	10.15	87.0	



PERCENT SOLID

Supervisor: Iwona
Analyst: JIGNESH
Date: 9/22/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:10
In Date: 09/19/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:37
Out Date: 09/20/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC:LB137247

Lab ID	Client SampleID	Dish #	Dish Wt (g) (A)	Sample Wt (g)	Dish + Sample Wt (g) (B)	Dish+Dry Sample Wt (g) (C)	% Solid	Comments
Q3155-01	COMP-1	57	1.11	10.26	11.37	10.12	87.8	
Q3155-02	COMP-2	58	1.14	10.30	11.44	10.52	91.1	
Q3155-03	COMP-3	59	1.18	10.23	11.41	10.57	91.8	
Q3157-01	20-DEAD-1	60	1.19	10.91	12.1	11.11	90.9	

$$\% \text{ Solid} = \frac{(C-A) * 100}{(B-A)}$$

WORKLIST(Hardcopy Internal Chain)

13247

WorkList Name : %1-091925

WorkList ID : 191953

Department : Wet-Chemistry

Date : 09-19-2025 09:51:17

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3143-05	SVOC-GPC-BLANK	Solid	Percent Solids	Cool 4 deg C	ALLI03	I52	09/12/2025	Chemtech -SO
Q3143-06	PEST-GPC-BLANK	Solid	Percent Solids	Cool 4 deg C	ALLI03	I52	09/12/2025	Chemtech -SO
Q3143-07	PEST-GPC-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	ALLI03	I52	09/12/2025	Chemtech -SO
Q3143-08	SVOC-GPC2-BLANK	Solid	Percent Solids	Cool 4 deg C	ALLI03	I52	09/12/2025	Chemtech -SO
Q3143-09	PEST-GPC2-BLANK	Solid	Percent Solids	Cool 4 deg C	ALLI03	I52	09/12/2025	Chemtech -SO
Q3143-10	PEST -GPC2-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	ALLI03	I52	09/12/2025	Chemtech -SO
Q3145-01	SP-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/19/2025	Chemtech -SO
Q3145-02	SP-A-EPH-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/19/2025	Chemtech -SO
Q3145-03	SP-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/19/2025	Chemtech -SO
Q3145-04	SP-B-EPH-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/19/2025	Chemtech -SO
Q3146-01	MECHANIC-ST-PAINT-CHIPS	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	09/19/2025	Chemtech -SO
Q3147-01	S-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/15/2025	Chemtech -SO
Q3147-02	S-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/15/2025	Chemtech -SO
Q3147-03	S-3	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/15/2025	Chemtech -SO
Q3147-04	S-4	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/15/2025	Chemtech -SO
Q3147-05	S-5	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/15/2025	Chemtech -SO
Q3147-06	S-6	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/15/2025	Chemtech -SO
Q3147-07	S-7	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/15/2025	Chemtech -SO
Q3147-08	S-8	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/15/2025	Chemtech -SO
Q3147-09	S-9	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/15/2025	Chemtech -SO
Q3147-10	S-10	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/15/2025	Chemtech -SO

Date/Time 09-19-25 15:00

Raw Sample Received by: JWC

Raw Sample Relinquished by: JWC

Date/Time 09-19-25

Raw Sample Received by: JWC

Raw Sample Relinquished by: JWC

WORKLIST(Hardcopy Internal Chain)

13247

WorkList Name : %1-091925

WorkList ID : 191953

Department : Wet-Chemistry

Date : 09-19-2025 09:51:17

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3147-11	S-11	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/15/2025	Chemtech -SO
Q3147-12	S-12	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/15/2025	Chemtech -SO
Q3147-13	S-13	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/15/2025	Chemtech -SO
Q3147-14	S-14	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/15/2025	Chemtech -SO
Q3147-15	S-15	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/15/2025	Chemtech -SO
Q3147-16	S-16	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/15/2025	Chemtech -SO
Q3147-17	S-17	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/15/2025	Chemtech -SO
Q3147-18	S-18	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/15/2025	Chemtech -SO
Q3147-19	S-19	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/15/2025	Chemtech -SO
Q3147-20	S-20	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/15/2025	Chemtech -SO
Q3147-21	S-21	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/15/2025	Chemtech -SO
Q3147-22	S-22	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/15/2025	Chemtech -SO
Q3147-23	S-23	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/15/2025	Chemtech -SO
Q3147-24	S-24	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/15/2025	Chemtech -SO
Q3147-25	S-25	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/15/2025	Chemtech -SO
Q3147-26	S-26	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/15/2025	Chemtech -SO
Q3147-27	S-27	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/15/2025	Chemtech -SO
Q3147-28	S-28	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/15/2025	Chemtech -SO
Q3147-29	S-29	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/15/2025	Chemtech -SO
Q3147-30	S-30	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/15/2025	Chemtech -SO
Q3147-31	S-31	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/15/2025	Chemtech -SO

Date/Time 09-19-25 15:00

Raw Sample Received by: [Signature]

Raw Sample Relinquished by: [Signature]

Date/Time 09-19-25

Raw Sample Received by: [Signature]

Raw Sample Relinquished by: [Signature]

WORKLIST(Hardcopy Internal Chain)

W 13247

WorkList Name : %1-091925

WorkList ID : 191953

Department : Wet-Chemistry

Date : 09-19-2025 09:51:17

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3147-32	S-32	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/15/2025	Chemtech -SO
Q3150-01	MER Rd Con Ed	Solid	Percent Solids	Cool 4 deg C	SCAL01	J23	09/18/2025	Chemtech -SO
Q3150-02	MER Rd Con Ed	Solid	Percent Solids	Cool 4 deg C	SCAL01	J23	09/18/2025	Chemtech -SO
Q3150-03	Mid Site Grid 5-7	Solid	Percent Solids	Cool 4 deg C	SCAL01	J23	09/18/2025	Chemtech -SO
Q3150-04	Mid Site Grid 5-7	Solid	Percent Solids	Cool 4 deg C	SCAL01	J23	09/18/2025	Chemtech -SO
Q3151-01	MH-OIL	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/19/2025	Chemtech -SO
Q3152-01	EO-02-091925	Solid	Percent Solids	Cool 4 deg C	PSEG05	D31	09/19/2025	Chemtech -SO
Q3152-02	EO-02-091925-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	D31	09/19/2025	Chemtech -SO
Q3153-01	OR-500-COMP-39	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/19/2025	Chemtech -SO
Q3153-02	OR-500-VOC-115	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/19/2025	Chemtech -SO
Q3153-03	OR-500-115	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/19/2025	Chemtech -SO
Q3153-05	OR-500-COMP-40	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/19/2025	Chemtech -SO
Q3153-06	OR-500-VOC-116	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/19/2025	Chemtech -SO
Q3153-07	OR-500-116	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/19/2025	Chemtech -SO
Q3155-01	COMP-1	Solid	Percent Solids	Cool 4 deg C	POWE02	D41	09/19/2025	Chemtech -SO
Q3155-02	COMP-2	Solid	Percent Solids	Cool 4 deg C	POWE02	D41	09/19/2025	Chemtech -SO
Q3155-03	COMP-3	Solid	Percent Solids	Cool 4 deg C	POWE02	D41	09/19/2025	Chemtech -SO
Q3157-01	20-DEAD-1	Solid	Percent Solids	Cool 4 deg C	ALWA01	D31	09/19/2025	Chemtech -SO

Date/Time 09-19-25 15:00

Raw Sample Received by: JB WPC

Raw Sample Relinquished by: JB WPC

Date/Time 09-19-25

Raw Sample Received by: JB WPC

Raw Sample Relinquished by: JB WPC

Prep Standard - Chemical Standard Summary

Order ID : Q3157

Test : Gasoline Range Organics

Prepbatch ID :

Sequence ID/Qc Batch ID: fb092325,

Standard ID :

PP24717,PP24719,PP24931,PP24932,PP24933,PP24934,PP24935,PP24939,PP24940,

Chemical ID :

P13537,V11252,V14629,W3112,

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
231	10 PPM GRO STD 1ST SOURCE	PP24717	07/14/2025	01/09/2026	Yogesh Patel	None	None	Abdul Mirza
								09/24/2025

FROM 0.11100ml of P13537 + 9.89000ml of V14629 = Final Quantity: 10.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
3619	25 PPM AAA-TFT Surg	PP24719	07/14/2025	01/09/2026	Yogesh Patel	None	None	Abdul Mirza
								09/24/2025

FROM 0.10000ml of V11252 + 9.90000ml of V14629 = Final Quantity: 10.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
238	5 PPB ICC GRO STD	PP24931	09/22/2025	10/22/2025	Amit Patel	None	None	Abdul Mirza
								09/24/2025

FROM 5.00000ml of W3112 + 0.00100ml of PP24719 + 0.00250ml of PP24717 = Final Quantity: 5.004 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
237	10 PPB ICC GRO STD	PP24932	09/22/2025	10/22/2025	Amit Patel	None	None	Abdul Mirza
								09/24/2025

FROM 5.00000ml of W3112 + 0.00200ml of PP24719 + 0.00500ml of PP24717 = Final Quantity: 5.007 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
239	20 PPB ICC GRO STD	PP24933	09/22/2025	10/22/2025	Amit Patel	None	None	Abdul Mirza
								09/24/2025

FROM 5.00000ml of W3112 + 0.00400ml of PP24719 + 0.01000ml of PP24717 = Final Quantity: 5.014 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
235	50 PPB ICC GRO STD	PP24934	09/22/2025	10/22/2025	Amit Patel	None	None	Abdul Mirza
								09/24/2025

FROM 5.00000ml of W3112 + 0.01000ml of PP24719 + 0.25000ml of PP24717 = Final Quantity: 5.035 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
234	100 PPB ICC GRO STD	PP24935	09/22/2025	10/22/2025	Amit Patel	None	None	Abdul Mirza
								09/24/2025

FROM 5.00000ml of W3112 + 0.02000ml of PP24719 + 0.05000ml of PP24717 = Final Quantity: 5.070 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
241	20 PPB CCC GRO STD	PP24939	09/23/2025	09/24/2025	Amit Patel	None	None	Abdul Mirza
								09/24/2025

FROM 5.00000ml of W3112 + 0.00400ml of PP24719 + 0.01000ml of PP24717 = Final Quantity: 5.014 ml



<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
241	20 PPB CCC GRO STD	PP24940	09/23/2025	09/24/2025	Amit Patel	None	None	Abdul Mirza 09/24/2025
<u>FROM</u>	5.00000ml of W3112 + 0.00400ml of PP24719 + 0.01000ml of PP24717 = Final Quantity: 5.014 ml							

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	30065 / GRO Mix (EPA)	A0208729	01/14/2026	07/14/2025 / yogesh	09/23/2024 / yogesh	P13537

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	30068 / VOA Mix, a, a, a-trifluorotoluene 2500uq/ml, P&T methanol, 1ml	A0158026	05/31/2028	11/27/2023 / yogesh	09/11/2020 / DHAVAL	V11252

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA9077-02 / Methanol, Purge/Trap (cs=6x1L)	23I0762004	01/09/2026	07/07/2025 / SAM	11/26/2024 / SAM	V14629

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	DIW / DI Water	Daily Lab-Certified	07/03/2029	07/03/2024 / lwona	07/03/2024 / lwona	W3112

Methanol
ULTRA RESI-ANALYZED
For Purge and Trap Analysis



Material No.: 9077-02
Batch No.: 23I0762004
Manufactured Date: 2023-08-11
Expiration Date: 2026-08-10
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay (CH ₃ OH) (by GC, corrected for water)	≥ 99.9 %	100.0 %
Residue after Evaporation	≤ 1.0 ppm	0.5 ppm
Titration Acid (μeq/g)	≤ 0.3	0.2
Titration Base (μeq/g)	≤ 0.10	0.01
Water (by KF, coulometric)	≤ 0.08 %	< 0.01 %
Volatile Organic Trace Analysis – Below EPA 8260B CRQL	Conforms	Conforms

For Laboratory, Research, or Manufacturing Use
Performance Tested for Use in EPA Methods
500 Series for Drinking Water
600 Series for Wastewater
846 for Solid Waste

Country of Origin: USA
Packaging Site: Phillipsburg Mfg Ctr & DC

Ken Koehnlein
Sr. Manager, Quality Assurance



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. : 30065 **Lot No.:** A0208729

Description : Gasoline Range Organics Mix (EPA)
Gasoline Range Organics Mix (EPA) 500 - 1500µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : April 30, 2031 **Storage:** 0°C or colder

Ship: Ambient

P13537
↓
P13541 } Y.P.
09/23/24

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	2-Methylpentane	107-83-5	MKCR9584	99%	1,502.0 µg/mL	+/- 84.3956
2	2,2,4-Trimethylpentane (isooctane)	540-84-1	SHBP5702	99%	1,504.0 µg/mL	+/- 84.5080
3	n-Heptane (C7)	142-82-5	044743T03G	99%	504.0 µg/mL	+/- 28.3192
4	Benzene	71-43-2	MKCS3357	99%	503.0 µg/mL	+/- 28.2630
5	Toluene	108-88-3	MKCS9989	99%	1,508.0 µg/mL	+/- 84.7327
6	Ethylbenzene	100-41-4	094632T20F	99%	503.0 µg/mL	+/- 28.2630
7	m-Xylene	108-38-3	SHBN6673	99%	1,008.0 µg/mL	+/- 56.6383
8	o-Xylene	95-47-6	SHBN5105	99%	1,005.0 µg/mL	+/- 56.4697
9	1,2,4-Trimethylbenzene	95-63-6	MKCS3775	99%	1,004.0 µg/mL	+/- 56.4136

* 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:

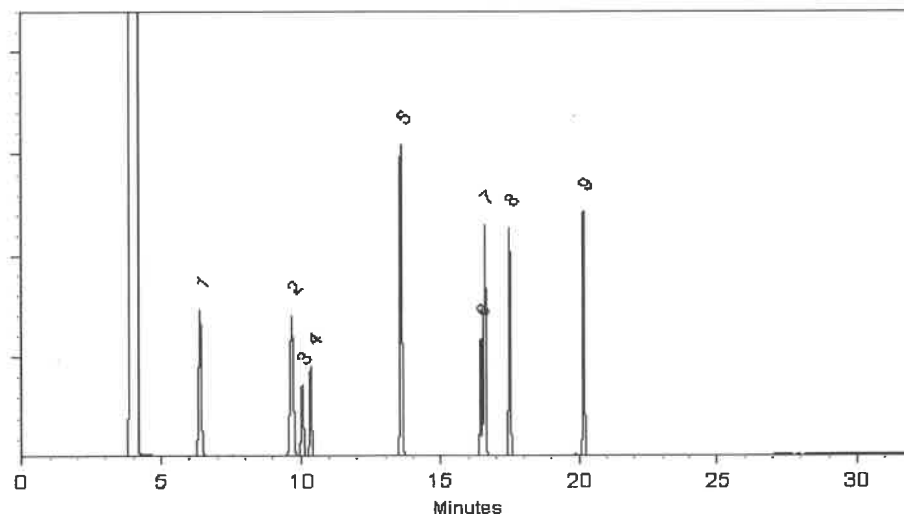
FID

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.

Will Torres
Wilner Torres - Operation Tech I

Date Mixed: 06-Mar-2024

Balance Serial # B707717271

Jennifer Pollino
Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 08-Mar-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.



SHIPPING DOCUMENTS

CLIENT INFORMATION

REPORT TO BE SENT TO:

COMPANY: Always Available Construction
ADDRESS: 20 Dead River Rd-
CITY: WARREN STATE: NJ ZIP: 07059
ATTENTION: Michael Roth
PHONE: (973) 699-4453 FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: Yard Soil Cleanup
PROJECT NO.: LOCATION:
PROJECT MANAGER:
e-mail:
PHONE: FAX:

CLIENT BILLING INFORMATION

BILL TO: PO#:
ADDRESS:
CITY STATE: ZIP:
ATTENTION: PHONE:

ANALYSIS

DATA TURNAROUND INFORMATION

FAX (RUSH) DAYS*
HARDCOPY (DATA PACKAGE): DAYS*
EDD: DAYS*

*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

DATA DELIVERABLE INFORMATION

☐ Level 1 (Results Only) ☐ Level 4 (QC + Full Raw Data)
☐ Level 2 (Results + QC) ☐ NJ Reduced ☐ US EPA CLP
☐ Level 3 (Results + QC) ☐ NYS ASP A ☐ NYS ASP B
+ Raw Data ☐ Other
☐ EDD FORMAT

1: 2: 3: 4: 5: 6: 7: 8: 9:
VOCs TCLP VOCs GND, DRO SUDC, PEST. PCBs MET. TOB-TAL Heavy Duty Cuv. Full TCLP

PRESERVATIVES

COMMENTS

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# OF BOTTLES	PRESERVATIVES									COMMENTS	
			COMP	GRAB	DATE	TIME		E/F	E	E	E	E	E	E				
1.	20 DEAD-1	S.	X		9/19/25	1:45pm	11	X	X	X	X	X	X	X				
2.	20 DEAD-1	W			9/19/25	1:45pm	4	X	X									
3.																		
4.																		
5.																		
6.																		
7.																		
8.																		
9.																		
10.																		

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER: 1. <u>Michael Roth</u>	DATE/TIME: <u>9/19/25</u>	RECEIVED BY: 1. <u>CR</u>	Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP <u>26.1</u> °C Comments: <u>IRB #1</u>
RELINQUISHED BY SAMPLER: 2.	DATE/TIME:	RECEIVED BY: 2.	
RELINQUISHED BY SAMPLER: 3.	DATE/TIME:	RECEIVED BY: 3.	

Page ____ of CLIENT: ☐ Hand Delivered ☐ Other Shipment Complete ☐ YES ☐ NO

Laboratory Certification

Certified By	License No.
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255425
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	TX-C25-00189
Virginia	460312

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q3157	ALWA01	Order Date : 9/19/2025 2:22:59 PM	Project Mgr :
Client Name : Always Available Construct		Project Name : Yard Soil Cleanup	Report Type : Level 1
Client Contact : Michael Roth		Receive DateTime : 9/19/2025 2:23:00 PM	EDD Type : EXCEL NOCLEANUP
Invoice Name : Always Available Construct		Purchase Order :	Hard Copy Date :
Invoice Contact : Michael Roth			Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q3157-01	20-DEAD-1	Solid	09/19/2025	13:45					
					VOC-TCLVOA-10	TCL+30/TAL	8260D		10 Bus. Days
Q3157-03	TB	Water	09/19/2025	13:45					
					VOC-TCLVOA-10		8260D		10 Bus. Days
Q3157-04	TB	Water	09/19/2025	13:45	TCLP VOA		8260D		10 Bus. Days

Relinquished By : OP

Date / Time : 09/19/25 14:46

Received By : Sam

Date / Time : 09/19/25 14:46

Storage Area : VOA Refridgerator Room

Reg # 6
F2 2
Reg 4