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Cover Page

Order ID : Q2600

Project ID : Kingsland Point Park Water Main

Client : T&A Construction Inc

Lab Sample Number	Client Sample Number
Q2600-01	TRENCH
Q2600-02	TRENCH
Q2600-03	TRENCH
Q2600-04	TRENCH
Q2600-05	STOCK-PILE
Q2600-06	STOCK-PILE
Q2600-07	STOCK-PILE
Q2600-08	STOCK-PILE
Q2600-09	END-OF-TRENCH
Q2600-10	END-OF-TRENCH
Q2600-11	END-OF-TRENCH
Q2600-12	END-OF-TRENCH

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: 7/23/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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CASE NARRATIVE

T&A Construction Inc
Project Name: Kingsland Point Park Water Main
Project # N/A
Order ID # Q2600
Test Name: Gasoline Range Organics

A. Number of Samples and Date of Receipt:
3 Solid samples were received on 07/14/2025.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: Gasoline Range Organics. This data package contains results for Gasoline Range Organics.

C. Analytical Techniques:
The analysis performed on instrument FID_B were done using GC column RTX502.2 which is 60 meters, 0.53mm ID, 3.0 um df, cat#10909.The analysis of Gasoline Range Organics was based on method 8015D.

D. QA/ QC Samples:
The Holding Times were met for all analysis.
The Surrogate recoveries were met for all analysis except for STOCK-PILE [Alpha,Alpha andAlpha-Trifluorotoluene - 296%]. Surrogates were diluted out due to the high dilution. No further corrective action was taken.

The Retention Times were met for all analysis.
The RPD were met for all analysis.
The Blank Spike met requirements for all compounds.
The Blank Spike Duplicate met requirements for all compounds.
The Blank analysis did not indicate the presence of lab contamination.
The Initial Calibration met the requirements.
The Continuous Calibration met the requirements.

Samples STOCK-PILE and END-OF-TRENCH were diluted due to high concentrations.
For sample TRENCH, Vial A has carry over issue and Vial B was not purged, therefore Vial C analyzed and reported.

E. Additional Comments:
The soil samples results are based on a dry weight basis.

F. Manual Integration Comments:

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Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.

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Signature_____

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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 is 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

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APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: **Q2600**

	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 Castody	✓
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: **PRADIP PRAJAPATI** **Date:** **07/23/2025**

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LAB CHRONICLE

OrderID:	Q2600	**OrderDate:**	7/14/2025 2:21:01 PM
Client:	T&A Construction Inc	**Project:**	Kingsland Point Park Water Main
Contact:	Garrett Johnson	**Location:**	D41,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2600-01	**TRENCH**	**SOIL**			**07/14/25**			**07/14/25**
			Gasoline Range Organics	8015D			07/16/25	
			PCB	8082A		07/15/25	07/15/25	
			Pesticide-TCL	8081B		07/15/25	07/15/25	
			EPH	NJEPH		07/16/25	07/16/25	
			EPH	NJEPH		07/16/25	07/17/25	
Q2600-01RE	**TRENCHRE**	**SOIL**			**07/14/25**			**07/14/25**
			Pesticide-TCL	8081B		07/15/25	07/16/25	
Q2600-02	**TRENCH**	**TCLP**			**07/14/25**			**07/14/25**
			TCLP Herbicide	8151A		07/16/25	07/17/25	
			TCLP Pesticide	8081B		07/16/25	07/17/25	
Q2600-05	**STOCK-PILE**	**SOIL**			**07/14/25**			**07/14/25**
			Gasoline Range Organics	8015D			07/16/25	
			PCB	8082A		07/15/25	07/15/25	
			Pesticide-TCL	8081B		07/15/25	07/15/25	
			EPH	NJEPH		07/16/25	07/16/25	
			EPH	NJEPH		07/16/25	07/17/25	
Q2600-05RE	**STOCK-PILERE**	**SOIL**			**07/14/25**			**07/14/25**
			Pesticide-TCL	8081B		07/15/25	07/16/25	
Q2600-06	**STOCK-PILE**	**TCLP**			**07/14/25**			**07/14/25**
			TCLP Herbicide	8151A		07/16/25	07/17/25	
			TCLP Pesticide	8081B		07/16/25	07/17/25	
Q2600-09	**END-OF-TRENCH**	**SOIL**			**07/14/25**			**07/14/25**
			Gasoline Range Organics	8015D			07/16/25	
			PCB	8082A		07/15/25	07/15/25	

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LAB CHRONICLE

			Pesticide-TCL	8081B		07/15/25	07/15/25
			EPH	NJEPH		07/16/25	07/16/25
			EPH	NJEPH		07/16/25	07/17/25
Q2600-09RE	**END-OF-TRENCHRE**	**SOIL**			**07/14/25**		**07/14/25**
			Pesticide-TCL	8081B		07/15/25	07/16/25
Q2600-10	**END-OF-TRENCH**	**TCLP**			**07/14/25**		**07/14/25**
			TCLP Herbicide	8151A		07/16/25	07/17/25
			TCLP Pesticide	8081B		07/16/25	07/17/25

QC SUMMARY

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SOIL GASOLINE RANGE ORGANICS SURROGATE RECOVERY

Lab Name: Alliance Client: T&A Construction Inc

Lab Code: ACE SDG No.: Q2600

CLIENT ID	S1 AAA-TFT	S2	S3	S4	TOT OUT
VBF0716S2	99				0
BSF0716S1	106				0
TRENCH	120				0
BSF0716S2	107				0
END-OF-TRENCH	103				0
STOCK-PILE	296 *				1

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

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

Lab Name: Alliance **Client:** T&A Construction Inc

Lab Code: ACE **SDG No:** Q2600

Client Sample ID : BSF0716S1 **Datafile:** FB032134.D

COMPOUND	SPIKE ADDED ug/kg	CONCENTRATION ug/kg	LCS/LCSD CONCENTRATION ug/kg	% REC	QC LIMITS (%)
GRO	180	0	198	110	50-150

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

Lab Name: Alliance **Client:** T&A Construction Inc

Lab Code: ACE **SDG No:** Q2600

Client Sample ID : BSF0716S2 **Datafile:** FB032138.D

COMPOUND	SPIKE ADDED ug/kg	CONCENTRATION ug/kg	LCS/LCSD CONCENTRATION ug/kg	% REC	QC LIMITS (%)
GRO	180	0	211	117	50-150

LCS/LCSD % Recovery RPD : 6.3

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METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

VBF0716S2

Lab Name: Alliance Contract: TACO01

Lab Code: ACE SDG NO.: Q2600

Lab File ID: FB032133.D Lab Sample ID: VBF0716S2

Date Analyzed: 07/16/25 Time Analyzed: 10:41

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
20 PPB GRO STD	20 PPB GRO STD	FB032131.D	07/16/25
BSF0716S1	BSF0716S1	FB032134.D	07/16/25
TRENCH	Q2600-01	FB032137.D	07/16/25
BSF0716S2	BSF0716S2	FB032138.D	07/16/25
20 PPB GRO STD	20 PPB GRO STD	FB032139.D	07/16/25
END-OF-TRENCH	Q2600-09	FB032140.D	07/16/25
STOCK-PILE	Q2600-05	FB032141.D	07/16/25
20 PPB GRO STD	20 PPB GRO STD	FB032145.D	07/16/25

COMMENTS:

SAMPLE DATA

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Report of Analysis

Client:	T&A Construction Inc	Date Collected:	07/14/25
Project:	Kingsland Point Park Water Main	Date Received:	07/14/25
Client Sample ID:	TRENCH	SDG No.:	Q2600
Lab Sample ID:	Q2600-01	Matrix:	SOIL
Analytical Method:	8015D GRO	% Solid:	75.5 Decanted:
Sample Wt/Vol:	6.4 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
FB032137.D	50	07/16/25 12:57	FB071625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
GRO	GRO	38900		427	2330	ug/kg
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	24.0		50 - 150	120%	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

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB071625\
Data File : FB032137.D
Signal(s) : FID2B.CH
Acq On : 16 Jul 2025 12:57
Operator : YP/AJ
Sample : Q2600-01 50X
Misc : 6.40G/5.00 ML DI WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
TRENCH

Integration File: Calibration.e
Quant Time: Jul 17 01:22:07 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB071425.M
Quant Title :
QLast Update : Mon Jul 14 13:11:27 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	347038	24.031 ng/ml
Target Compounds			

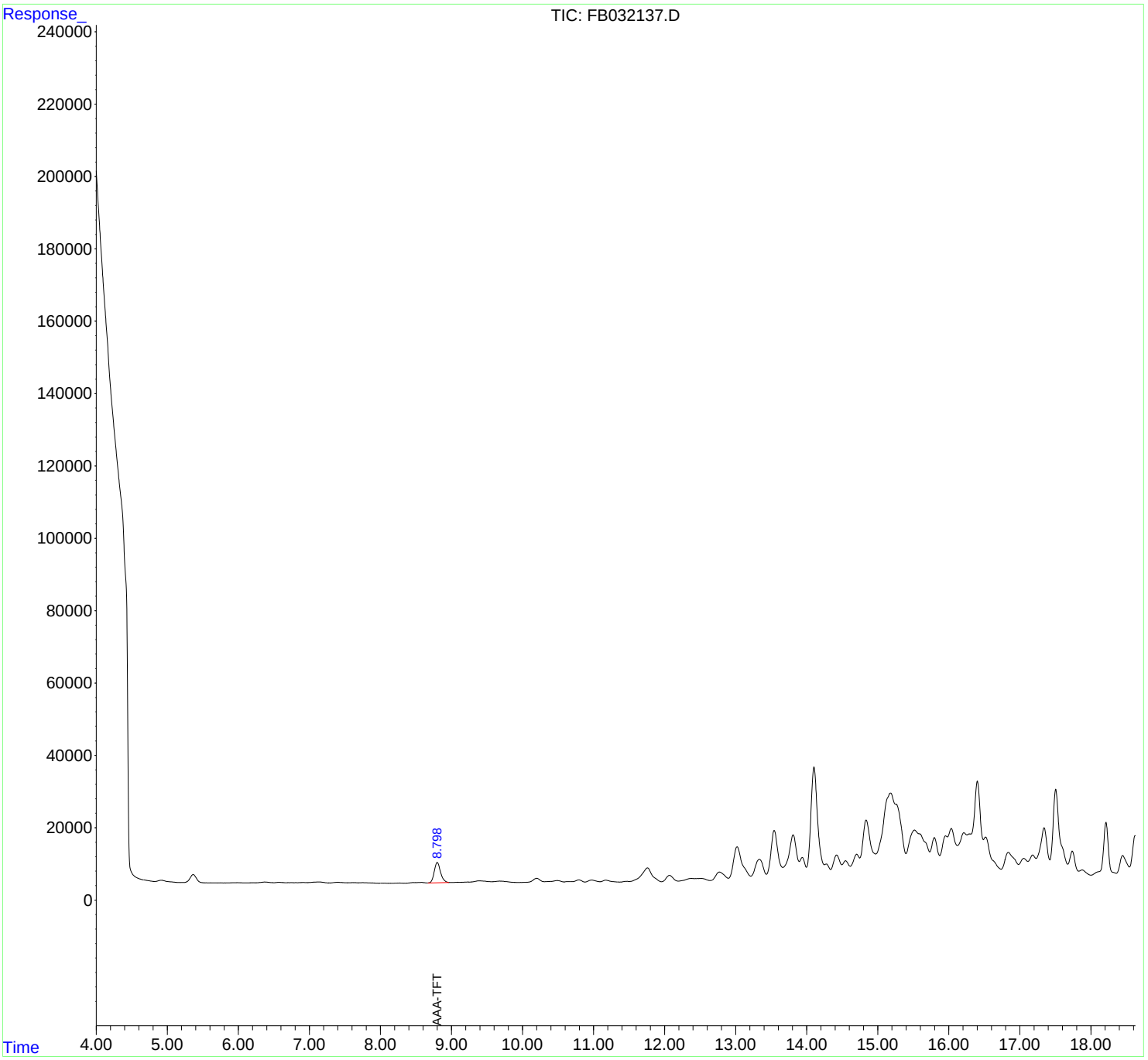
(f)=RT Delta > 1/2 Window (m)=manual int.

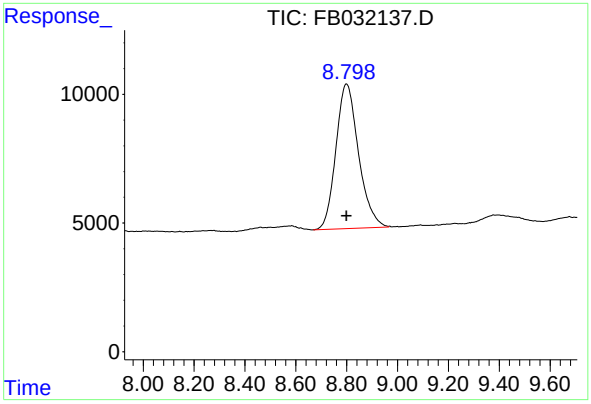
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB071625\
Data File : FB032137.D
Signal(s) : FID2B.CH
Acq On : 16 Jul 2025 12:57
Operator : YP/AJ
Sample : Q2600-01 50X
Misc : 6.40G/5.00 ML DI WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
TRENCH

Integration File: Calibration.e
Quant Time: Jul 17 01:22:07 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB071425.M
Quant Title :
QLast Update : Mon Jul 14 13:11:27 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.:	0.000 min
Response:	347038
Conc:	24.03 ng/ml

Instrument :
FID_B
ClientSampleId :
TRENCH

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB071625\
Data File : FB032137.D
Signal(s) : FID2B.CH
Acq On : 16 Jul 2025 12:57
Sample : Q2600-01 50X
Misc : 6.40G/5.00 ML DI WATER
ALS Vial : 3 Sample Multiplier: 1

Integration File: SAMPLE.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB071425.M
Title :

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	5.200	5.187	5.208	PV	16	127	0.00%	0.001%
2	5.547	5.532	5.566	VV	18	233	0.01%	0.001%
3	5.593	5.566	5.602	PV	19	199	0.01%	0.001%
4	5.612	5.602	5.623	VV	27	174	0.00%	0.001%
5	5.641	5.623	5.709	VB	17	459	0.01%	0.002%
6	5.735	5.715	5.740	BV	12	106	0.00%	0.001%
7	5.751	5.740	5.788	VV	32	452	0.01%	0.002%
8	5.873	5.788	5.881	PV	37	1067	0.03%	0.005%
9	5.955	5.881	5.969	VV	74	2951	0.08%	0.014%
10	5.977	5.969	5.981	VV	77	531	0.01%	0.003%
11	5.991	5.981	6.036	VV	83	2043	0.05%	0.010%
12	6.043	6.036	6.054	VV	56	522	0.01%	0.003%
13	6.075	6.054	6.090	VV	48	832	0.02%	0.004%
14	6.191	6.090	6.202	VV	64	2921	0.08%	0.014%
15	6.211	6.202	6.221	VV	67	684	0.02%	0.003%
16	6.229	6.221	6.238	VV	66	593	0.02%	0.003%
17	6.373	6.238	6.388	VV	289	14103	0.38%	0.068%
18	6.396	6.388	6.508	VV	263	11259	0.30%	0.055%
19	6.555	6.508	6.563	VV	207	4638	0.12%	0.022%
20	6.577	6.563	6.680	VV	207	10005	0.27%	0.049%
21	6.705	6.680	6.718	VV	116	2278	0.06%	0.011%
22	6.733	6.718	6.746	VV	127	1884	0.05%	0.009%
23	6.759	6.746	6.771	VV	124	1615	0.04%	0.008%
24	6.778	6.771	6.794	VV	115	1446	0.04%	0.007%
25	6.808	6.794	6.829	VV	119	2218	0.06%	0.011%
26	6.926	6.829	6.978	VV	153	11726	0.31%	0.057%
27	7.125	6.978	7.268	VV	315	37637	1.00%	0.183%
28	7.286	7.268	7.301	VV	80	1285	0.03%	0.006%
29	7.391	7.301	7.406	VV	238	10242	0.27%	0.050%
30	7.416	7.406	7.500	VV	242	9901	0.26%	0.048%
31	7.511	7.500	7.540	VV	117	2651	0.07%	0.013%
32	7.613	7.540	7.624	VV	148	6283	0.17%	0.030%
33	7.630	7.624	7.644	VV	145	1708	0.05%	0.008%
34	7.651	7.644	7.663	VV	138	1479	0.04%	0.007%
35	7.671	7.663	7.694	VV	126	2079	0.06%	0.010%
36	7.751	7.694	7.824	VV	150	9855	0.26%	0.048%

rteres

37	7.837	7.824	7.873	VV	104	2660	0.07%	0.013%
38	7.883	7.873	7.944	VV	82	2523	0.07%	0.012%
39	7.957	7.944	7.966	VV	22	233	0.01%	0.001%
40	8.011	7.966	8.041	VV	37	1162	0.03%	0.006%
41	8.055	8.041	8.108	VV	34	861	0.02%	0.004%
42	8.114	8.108	8.127	VV	21	142	0.00%	0.001%
43	8.145	8.127	8.160	PV	27	229	0.01%	0.001%
44	8.170	8.160	8.185	PV	19	179	0.00%	0.001%
45	8.237	8.185	8.244	VV	45	1035	0.03%	0.005%
46	8.278	8.244	8.330	VV	54	1536	0.04%	0.007%
47	8.339	8.330	8.349	VV	11	78	0.00%	0.000%
48	8.362	8.349	8.369	PV	15	74	0.00%	0.000%
49	8.462	8.369	8.473	VV	160	5309	0.14%	0.026%
50	8.482	8.473	8.487	VV	146	1162	0.03%	0.006%
51	8.501	8.487	8.517	VV	157	2715	0.07%	0.013%
52	8.585	8.517	8.665	VV	206	12098	0.32%	0.059%
53	8.800	8.665	8.979	VV	5697	361974	9.63%	1.756%
54	9.000	8.979	9.007	VV	133	2112	0.06%	0.010%
55	9.091	9.007	9.126	VV	188	11048	0.29%	0.054%
56	9.156	9.126	9.163	VV	184	3820	0.10%	0.019%
57	9.227	9.163	9.252	VV	234	11194	0.30%	0.054%
58	9.378	9.252	9.386	VV	546	28368	0.75%	0.138%
59	9.399	9.386	9.572	VV	543	46196	1.23%	0.224%
60	9.676	9.572	9.934	VV	455	56888	1.51%	0.276%
61	9.942	9.934	9.957	VV	49	603	0.02%	0.003%
62	9.975	9.957	9.988	VV	56	814	0.02%	0.004%
63	10.021	9.988	10.028	VV	75	1415	0.04%	0.007%
64	10.199	10.028	10.315	VV	1169	86800	2.31%	0.421%
65	10.496	10.315	10.583	VV	531	53148	1.41%	0.258%
66	10.641	10.583	10.687	VV	219	11465	0.30%	0.056%
67	10.794	10.687	10.880	VV	674	42788	1.14%	0.208%
68	10.978	10.880	11.091	VV	597	44777	1.19%	0.217%
69	11.172	11.091	11.351	VV	555	40901	1.09%	0.198%
70	11.358	11.351	11.370	VV	26	164	0.00%	0.001%
71	11.474	11.370	11.512	PV	221	10908	0.29%	0.053%
72	11.760	11.512	11.955	VV	3869	403675	10.74%	1.958%
73	12.067	11.955	12.192	PV	1714	111619	2.97%	0.541%
74	12.376	12.192	12.447	VV	718	68640	1.83%	0.333%
75	12.518	12.447	12.643	VV	654	51790	1.38%	0.251%
76	12.772	12.643	12.898	PV	2249	182276	4.85%	0.884%
77	13.021	12.898	13.214	VV	9028	780534	20.76%	3.786%
78	13.334	13.214	13.433	VV	5343	420962	11.20%	2.042%
79	13.543	13.433	13.665	VV	13155	932542	24.80%	4.524%
80	13.809	13.665	13.896	VV	11728	946555	25.18%	4.592%
81	13.938	13.896	13.997	VV	5396	265315	7.06%	1.287%
82	14.103	13.997	14.250	VV	30303	2087446	55.52%	10.126%
83	14.277	14.250	14.338	VV	3319	145730	3.88%	0.707%
84	14.422	14.338	14.496	VV	5684	381087	10.14%	1.849%
85	14.548	14.496	14.615	VV	3997	237736	6.32%	1.153%
86	14.705	14.615	14.746	VV	5710	345524	9.19%	1.676%
87	14.837	14.746	14.971	VV	15029	1260382	33.52%	6.114%
88	15.181	14.971	15.398	VV	22255	3759747	100.00%	18.238%
89	15.518	15.398	15.732	VV	11755	1844813	49.07%	8.949%

						rteres		
90	15.797	15.732	15.873	VV	9456	601598	16.00%	2.918%
91	15.955	15.873	15.981	VV	9823	502241	13.36%	2.436%
92	16.036	15.981	16.122	VV	11804	819762	21.80%	3.976%
93	16.213	16.122	16.256	VV	10460	732342	19.48%	3.552%
94	16.289	16.256	16.309	VV	10092	314582	8.37%	1.526%
95	16.403	16.309	16.488	VV	24594	1686837	44.87%	8.182%
96	16.519	16.488	16.736	VV	9032	582108	15.48%	2.824%
97	16.839	16.736	16.905	PBA	2679	143840	3.83%	0.698%
			Sum of corrected areas:			20615248		

FB071425.M Thu Jul 17 02:00:25 2025

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

Report of Analysis

Client:	T&A Construction Inc	Date Collected:	07/14/25
Project:	Kingsland Point Park Water Main	Date Received:	07/14/25
Client Sample ID:	STOCK-PILE	SDG No.:	Q2600
Lab Sample ID:	Q2600-05	Matrix:	SOIL
Analytical Method:	8015D GRO	% Solid:	82.1 Decanted:
Sample Wt/Vol:	5.52 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
FB032141.D	250	07/16/25 15:34	FB071625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
GRO	GRO	98000		2280	12400	ug/kg
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	59.1	*	50 - 150	296%	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

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB071625\
Data File : FB032141.D
Signal(s) : FID2B.CH
Acq On : 16 Jul 2025 15:34
Operator : YP/AJ
Sample : Q2600-05 250X
Misc : 5.52G/ 5.00 ML MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
STOCK-PILE

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/17/2025
Supervised By :mohammad ahmed 07/18/2025

Integration File: Calibration.e
Quant Time: Jul 17 01:22:48 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB071425.M
Quant Title :
QLast Update : Mon Jul 14 13:11:27 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	8.840	853692	59.114 ng/mlm
	Target Compounds			

(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB071625\
Data File : FB032141.D
Signal(s) : FID2B.CH
Acq On : 16 Jul 2025 15:34
Operator : YP/AJ
Sample : Q2600-05 250X
Misc : 5.52G/ 5.00 ML MEOH
ALS Vial : 3 Sample Multiplier: 1

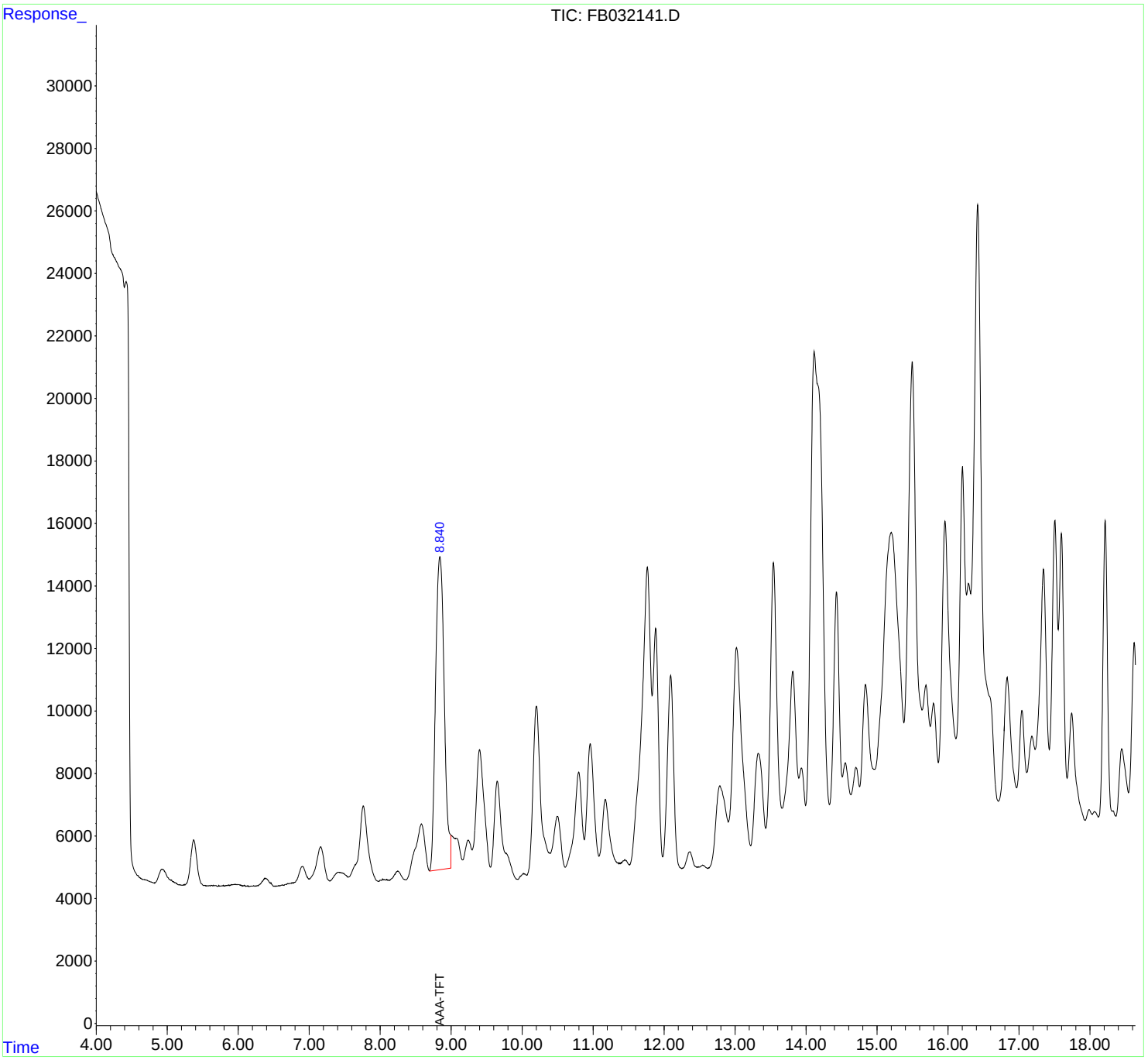
Integration File: Calibration.e
Quant Time: Jul 17 01:22:48 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB071425.M
Quant Title :
QLast Update : Mon Jul 14 13:11:27 2025
Response via : Initial Calibration
Integrator: ChemStation

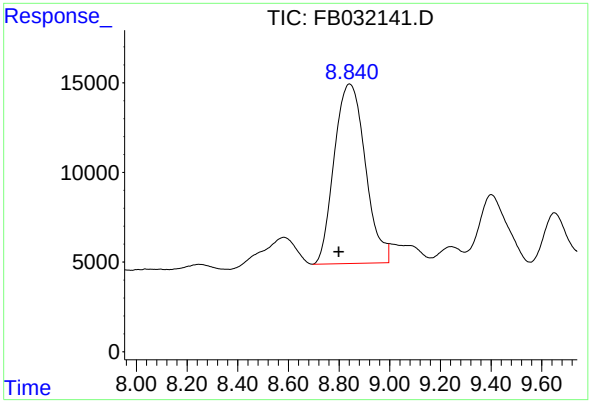
Volume Inj. : 5 g/ml
Signal Phase : RTX-502.2
Signal Info : 60mx0.53mmx3.00um

Instrument :
FID_B
ClientSampleId :
STOCK-PILE

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/17/2025
Supervised By :mohammad ahmed 07/18/2025





#5 AAA-TFT

R.T.: 8.840 min
Delta R.T.: 0.040 min
Response: 853692
Conc: 59.11 ng/ml

Instrument :
FID_B
ClientSampleId :
STOCK-PILE

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/17/2025
Supervised By :mohammad ahmed 07/18/2025

Instrument :
FID_B
ClientSampleId :
STOCK-PILE

rteres

Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/17/2025
Supervised By :mohammad ahmed 07/18/2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB07162
Data File : FB032141.D
Signal(s) : FID2B.CH
Acq On : 16 Jul 2025 15:34
Sample : Q2600-05 250X
Misc : 5.52G/ 5.00 ML MEOH
ALS Vial : 3 Sample Multiplier: 1

Integration File: SAMPLE.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB071425.M
Title :

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	5.060	5.052	5.159	VV	143	4603	0.26%	0.044%
2	5.171	5.159	5.218	VV	16	213	0.01%	0.002%
3	5.520	5.514	5.526	VV	24	136	0.01%	0.001%
4	5.533	5.526	5.543	VV	22	156	0.01%	0.001%
5	5.563	5.543	5.583	VV	18	256	0.01%	0.002%
6	5.593	5.583	5.605	VV	23	197	0.01%	0.002%
7	5.628	5.605	5.641	VV	32	492	0.03%	0.005%
8	5.652	5.641	5.661	VV	33	275	0.02%	0.003%
9	5.675	5.661	5.709	VV	30	595	0.03%	0.006%
10	5.727	5.709	5.744	PV	30	318	0.02%	0.003%
11	5.792	5.744	5.812	VV	38	832	0.05%	0.008%
12	5.873	5.812	5.884	VV	52	1465	0.08%	0.014%
13	5.907	5.884	5.918	VV	62	1037	0.06%	0.010%
14	5.947	5.918	5.957	VV	66	1437	0.08%	0.014%
15	5.965	5.957	5.973	VV	73	627	0.03%	0.006%
16	5.981	5.973	6.067	VV	66	2682	0.15%	0.026%
17	6.075	6.067	6.080	VV	26	166	0.01%	0.002%
18	6.088	6.080	6.111	VV	37	404	0.02%	0.004%
19	6.140	6.111	6.164	VV	27	362	0.02%	0.003%
20	6.219	6.164	6.247	PV	26	682	0.04%	0.007%
21	6.377	6.247	6.498	VV	266	18971	1.06%	0.182%
22	6.507	6.498	6.519	VV	15	99	0.01%	0.001%
23	6.528	6.519	6.538	PV	13	57	0.00%	0.001%
24	6.572	6.538	6.583	VV	25	345	0.02%	0.003%
25	6.624	6.583	6.638	VV	46	923	0.05%	0.009%
26	6.702	6.638	6.711	VV	84	2359	0.13%	0.023%
27	6.906	6.711	7.003	VV	615	50215	2.79%	0.481%
28	7.163	7.003	7.295	VV	1229	104675	5.83%	1.003%
29	7.417	7.295	7.551	VV	394	46869	2.61%	0.449%
30	7.763	7.551	7.979	VV	2497	231757	12.90%	2.222%
31	8.009	7.979	8.019	VV	104	2035	0.11%	0.020%
32	8.035	8.019	8.080	VV	136	4137	0.23%	0.040%
33	8.096	8.080	8.129	VV	120	2991	0.17%	0.029%
34	8.246	8.129	8.370	VV	379	30823	1.72%	0.295%
35	8.582	8.370	8.696	VV	1868	191975	10.68%	1.840%
36	8.842	8.696	9.056	VV	10401	974571	54.24%	9.342%

Instrument :
FID_B
ClientSampleId :
STOCK-PILE

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/17/2025
Supervised By :mohammad ahmed 07/18/2025

rteres

37	9.073	9.056	9.162	VV	1373	70422	3.92%	0.675%
38	9.242	9.162	9.296	VV	1295	85036		
39	9.401	9.296	9.558	VV	4186	352090	19	
40	9.651	9.558	9.938	VV	3162	262463	14	
41	10.019	9.938	10.065	PV	178	8363	0	
42	10.202	10.065	10.399	VV	5506	437939	24	
43	10.498	10.399	10.610	VV	1940	150410	8.37%	1.442%
44	10.798	10.610	10.877	VV	3322	259822	14.46%	2.491%
45	10.960	10.877	11.084	VV	4205	296497	16.50%	2.842%
46	11.173	11.084	11.388	VV	2397	197807	11.01%	1.896%
47	11.448	11.388	11.512	VV	435	26741	1.49%	0.256%
48	11.765	11.512	11.833	VV	9740	883810	49.19%	8.472%
49	11.882	11.833	11.982	VV	7769	417532	23.24%	4.003%
50	12.093	11.982	12.252	VV	6245	388047	21.60%	3.720%
51	12.363	12.252	12.502	VV	562	34934	1.94%	0.335%
52	12.546	12.502	12.624	VV	109	4421	0.25%	0.042%
53	12.786	12.624	12.906	PV	2554	242599	13.50%	2.326%
54	13.022	12.906	13.220	VV	6851	637742	35.49%	6.114%
55	13.329	13.220	13.433	VV	3305	261328	14.54%	2.505%
56	13.542	13.433	13.663	VV	9290	613778	34.16%	5.884%
57	13.814	13.663	13.900	VV	5676	468837	26.09%	4.494%
58	13.936	13.900	13.995	VV	2520	121388	6.76%	1.164%
59	14.116	13.995	14.331	VV	15728	1796794	100.00%	17.224%
60	14.430	14.331	14.513	VV	7896	465436	25.90%	4.462%
61	14.554	14.513	14.632	VV	2368	137774	7.67%	1.321%
62	14.704	14.632	14.755	VV	2135	129914	7.23%	1.245%

Sum of corrected areas: 10431663

FB071425.M Thu Jul 17 02:19:54 2025

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

Report of Analysis

Client:	T&A Construction Inc	Date Collected:	07/14/25
Project:	Kingsland Point Park Water Main	Date Received:	07/14/25
Client Sample ID:	END-OF-TRENCH	SDG No.:	Q2600
Lab Sample ID:	Q2600-09	Matrix:	SOIL
Analytical Method:	8015D GRO	% Solid:	85.2 Decanted:
Sample Wt/Vol:	5.41 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
FB032140.D	500	07/16/25 14:38	FB071625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
GRO	GRO	191000		4480	24500	ug/kg
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	20.6		50 - 150	103%	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

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB071625\
Data File : FB032140.D
Signal(s) : FID2B.CH
Acq On : 16 Jul 2025 14:38
Operator : YP/AJ
Sample : Q2600-09 500X
Misc : 5.41G/ 5.00 ML MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
END-OF-TRENCH

Integration File: Calibration.e
Quant Time: Jul 17 01:22:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB071425.M
Quant Title :
QLast Update : Mon Jul 14 13:11:27 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	297785	20.620	ng/ml
	Target Compounds				

(f)=RT Delta > 1/2 Window (m)=manual int.

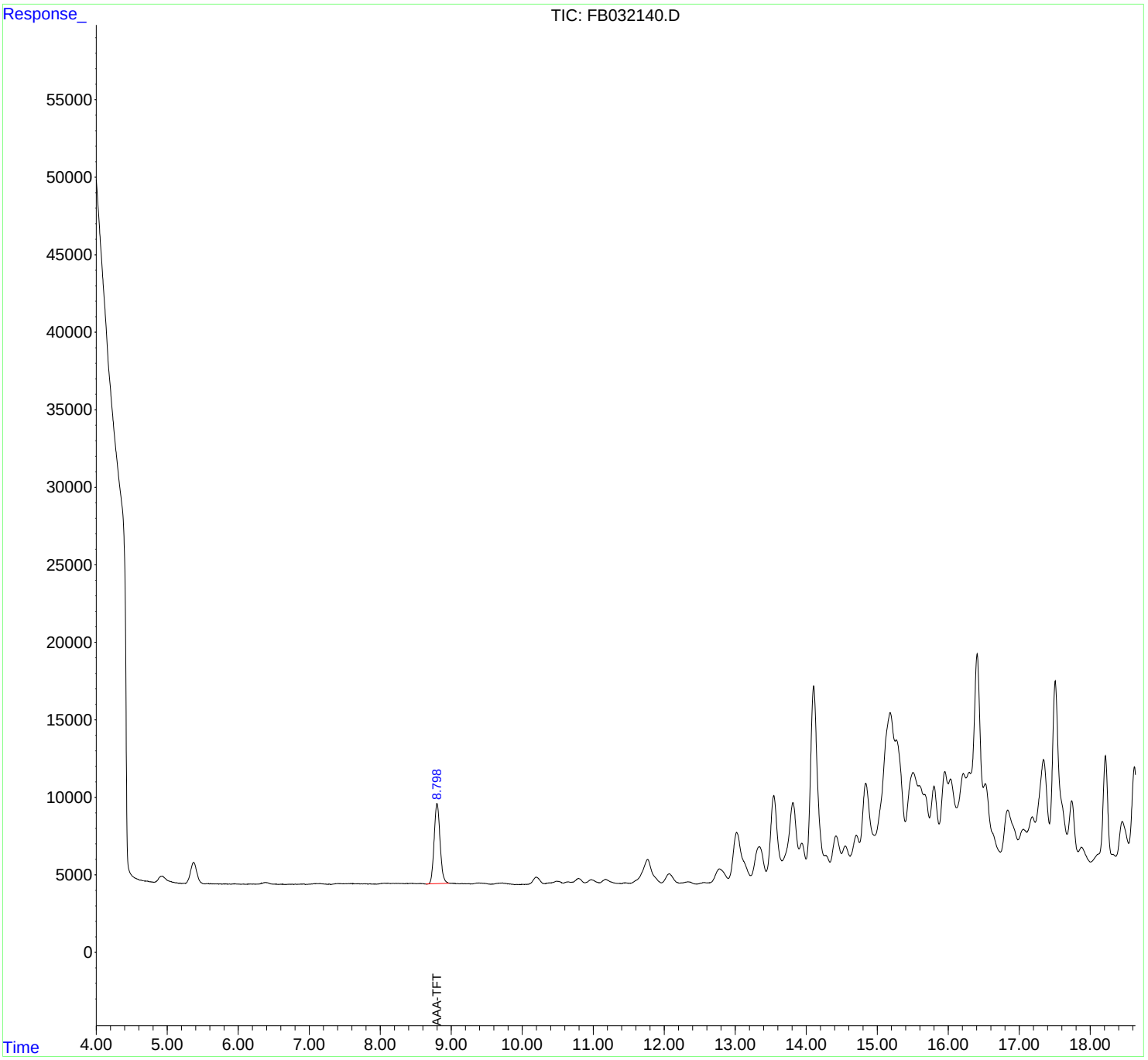
Quantitation Report (QT Reviewed)

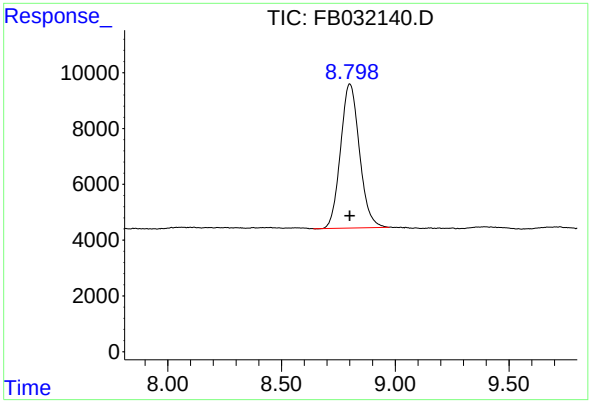
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB071625\
Data File : FB032140.D
Signal(s) : FID2B.CH
Acq On : 16 Jul 2025 14:38
Operator : YP/AJ
Sample : Q2600-09 500X
Misc : 5.41G/ 5.00 ML MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
END-OF-TRENCH

Integration File: Calibration.e
Quant Time: Jul 17 01:22:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB071425.M
Quant Title :
QLast Update : Mon Jul 14 13:11:27 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.:	0.000 min
Response:	297785
Conc:	20.62 ng/ml

Instrument :
FID_B
ClientSampleId :
END-OF-TRENCH

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB071625\
Data File : FB032140.D
Signal(s) : FID2B.CH
Acq On : 16 Jul 2025 14:38
Sample : Q2600-09 500X
Misc : 5.41G/ 5.00 ML MEOH
ALS Vial : 1 Sample Multiplier: 1

Integration File: SAMPLE.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB071425.M
Title :

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.700	4.689	4.710	PV	17	181	0.02%	0.002%
2	4.721	4.710	4.810	VV	32	562	0.05%	0.006%
3	5.137	5.123	5.158	VV	44	636	0.06%	0.006%
4	5.165	5.158	5.173	VV	23	152	0.01%	0.002%
5	5.186	5.173	5.201	VV	34	266	0.02%	0.003%
6	5.231	5.201	5.239	PV	23	296	0.03%	0.003%
7	5.553	5.535	5.573	VV	21	372	0.03%	0.004%
8	5.585	5.573	5.596	VV	34	264	0.02%	0.003%
9	5.611	5.596	5.621	VV	30	200	0.02%	0.002%
10	5.632	5.621	5.639	VV	20	136	0.01%	0.001%
11	5.647	5.639	5.664	VV	21	207	0.02%	0.002%
12	5.676	5.664	5.689	VV	21	214	0.02%	0.002%
13	5.702	5.689	5.724	VV	25	332	0.03%	0.003%
14	5.745	5.724	5.773	PV	24	349	0.03%	0.004%
15	5.802	5.773	5.812	VV	26	345	0.03%	0.004%
16	5.829	5.812	5.859	VV	27	404	0.04%	0.004%
17	5.877	5.859	5.894	VV	21	239	0.02%	0.002%
18	5.948	5.894	5.973	PV	39	965	0.09%	0.010%
19	5.998	5.973	6.009	VV	26	366	0.03%	0.004%
20	6.018	6.009	6.037	VV	15	182	0.02%	0.002%
21	6.062	6.037	6.097	VV	19	471	0.04%	0.005%
22	6.152	6.097	6.167	PV	29	573	0.05%	0.006%
23	6.177	6.167	6.203	VV	26	470	0.04%	0.005%
24	6.215	6.203	6.235	VV	28	379	0.03%	0.004%
25	6.240	6.235	6.249	VV	21	141	0.01%	0.001%
26	6.329	6.249	6.340	VV	88	1980	0.18%	0.020%
27	6.364	6.340	6.371	VV	119	1795	0.16%	0.018%
28	6.384	6.371	6.466	VV	132	5207	0.48%	0.053%
29	6.474	6.466	6.507	VV	35	636	0.06%	0.006%
30	6.518	6.507	6.536	VV	30	375	0.03%	0.004%
31	6.540	6.536	6.560	VV	30	216	0.02%	0.002%
32	6.575	6.560	6.589	VV	15	162	0.01%	0.002%
33	6.598	6.589	6.606	VV	23	154	0.01%	0.002%
34	6.617	6.606	6.648	VV	26	427	0.04%	0.004%
35	6.670	6.648	6.678	PV	10	98	0.01%	0.001%
36	6.727	6.678	6.744	PV	23	553	0.05%	0.006%

rteres

37	6.757	6.744	6.785	VV	24	400	0.04%	0.004%
38	6.805	6.785	6.841	VV	35	585	0.05%	0.006%
39	6.888	6.841	6.897	VV	37	861	0.08%	0.009%
40	6.916	6.897	6.928	VV	42	562	0.05%	0.006%
41	6.934	6.928	6.946	VV	35	246	0.02%	0.003%
42	6.967	6.946	6.975	PV	25	234	0.02%	0.002%
43	6.999	6.975	7.008	VV	30	428	0.04%	0.004%
44	7.018	7.008	7.025	VV	32	303	0.03%	0.003%
45	7.035	7.025	7.043	VV	44	383	0.04%	0.004%
46	7.074	7.043	7.089	VV	61	1371	0.13%	0.014%
47	7.098	7.089	7.107	VV	65	618	0.06%	0.006%
48	7.115	7.107	7.128	VV	59	694	0.06%	0.007%
49	7.158	7.128	7.217	VV	69	2576	0.24%	0.026%
50	7.232	7.217	7.267	VV	31	618	0.06%	0.006%
51	7.281	7.267	7.309	VV	34	426	0.04%	0.004%
52	7.404	7.309	7.415	PV	56	2246	0.21%	0.023%
53	7.418	7.415	7.437	VV	58	663	0.06%	0.007%
54	7.446	7.437	7.474	VV	50	986	0.09%	0.010%
55	7.479	7.474	7.485	VV	47	284	0.03%	0.003%
56	7.491	7.485	7.499	VV	42	325	0.03%	0.003%
57	7.519	7.499	7.530	VV	52	766	0.07%	0.008%
58	7.556	7.530	7.571	VV	54	1099	0.10%	0.011%
59	7.580	7.571	7.585	VV	52	382	0.04%	0.004%
60	7.591	7.585	7.627	VV	55	1114	0.10%	0.011%
61	7.635	7.627	7.646	VV	35	387	0.04%	0.004%
62	7.657	7.646	7.673	VV	39	547	0.05%	0.006%
63	7.683	7.673	7.691	VV	43	392	0.04%	0.004%
64	7.702	7.691	7.723	VV	41	630	0.06%	0.006%
65	7.741	7.723	7.758	VV	35	607	0.06%	0.006%
66	7.769	7.758	7.779	VV	34	368	0.03%	0.004%
67	7.789	7.779	7.836	VV	42	812	0.07%	0.008%
68	7.848	7.836	7.900	VV	32	672	0.06%	0.007%
69	7.909	7.900	7.954	VV	21	313	0.03%	0.003%
70	8.017	7.954	8.024	PV	57	1006	0.09%	0.010%
71	8.061	8.024	8.083	VV	58	1829	0.17%	0.019%
72	8.100	8.083	8.108	VV	55	728	0.07%	0.007%
73	8.116	8.108	8.149	VV	56	977	0.09%	0.010%
74	8.184	8.149	8.205	VV	38	1096	0.10%	0.011%
75	8.220	8.205	8.243	VV	39	689	0.06%	0.007%
76	8.254	8.243	8.273	VV	34	494	0.05%	0.005%
77	8.281	8.273	8.289	VV	23	189	0.02%	0.002%
78	8.306	8.289	8.343	VB	23	491	0.05%	0.005%
79	8.453	8.364	8.479	BV	27	810	0.07%	0.008%
80	8.490	8.479	8.507	VV	17	203	0.02%	0.002%
81	8.560	8.507	8.587	VV	29	980	0.09%	0.010%
82	8.596	8.587	8.648	VV	28	600	0.06%	0.006%
83	8.800	8.648	9.078	PV	5203	309392	28.43%	3.161%
84	9.092	9.078	9.112	VV	52	843	0.08%	0.009%
85	9.158	9.112	9.167	VV	51	1334	0.12%	0.014%
86	9.195	9.167	9.205	VV	50	940	0.09%	0.010%
87	9.253	9.205	9.285	VV	51	1812	0.17%	0.019%
88	9.296	9.285	9.304	VV	37	387	0.04%	0.004%
89	9.366	9.304	9.385	VV	92	3396	0.31%	0.035%

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90	9.393	9.385	9.413	VV	99	1594	0.15%	0.016%
91	9.421	9.413	9.536	VV	95	4732	0.43%	0.048%
92	9.542	9.536	9.558	VV	33	318	0.03%	0.003%
93	9.668	9.558	9.691	VV	96	4571	0.42%	0.047%
94	9.726	9.691	9.742	VV	108	2964	0.27%	0.030%
95	9.753	9.742	9.795	VV	86	2262	0.21%	0.023%
96	9.803	9.795	9.828	VV	60	940	0.09%	0.010%
97	9.839	9.828	9.854	VV	41	531	0.05%	0.005%
98	9.864	9.854	9.892	VV	32	381	0.04%	0.004%
99	9.924	9.892	9.934	PV	15	239	0.02%	0.002%
100	9.941	9.934	9.957	VV	13	112	0.01%	0.001%
101	9.967	9.957	9.978	VV	14	99	0.01%	0.001%
102	9.991	9.978	10.031	VV	21	454	0.04%	0.005%
103	10.047	10.031	10.059	VV	27	257	0.02%	0.003%
104	10.198	10.059	10.324	VV	486	33138	3.04%	0.339%
105	10.487	10.324	10.497	VV	209	13351	1.23%	0.136%
106	10.502	10.497	10.576	VV	210	7502	0.69%	0.077%
107	10.634	10.576	10.644	VV	170	5440	0.50%	0.056%
108	10.651	10.644	10.693	VV	165	4473	0.41%	0.046%
109	10.793	10.693	10.886	VV	394	28048	2.58%	0.287%
110	10.976	10.886	11.099	VV	307	25019	2.30%	0.256%
111	11.177	11.099	11.354	VV	326	27043	2.48%	0.276%
112	11.376	11.354	11.387	VV	65	1148	0.11%	0.012%
113	11.427	11.387	11.452	VV	95	2819	0.26%	0.029%
114	11.466	11.452	11.498	VV	94	2265	0.21%	0.023%
115	11.506	11.498	11.517	VV	81	806	0.07%	0.008%
116	11.766	11.517	11.958	VV	1600	161732	14.86%	1.653%
117	12.073	11.958	12.214	VV	672	51756	4.76%	0.529%
118	12.334	12.214	12.450	VV	151	12659	1.16%	0.129%
119	12.460	12.450	12.471	PV	12	55	0.01%	0.001%
120	12.566	12.471	12.617	PV	62	2817	0.26%	0.029%
121	12.625	12.617	12.634	VV	14	92	0.01%	0.001%
122	12.778	12.634	12.904	PV	840	70592	6.49%	0.721%
123	13.020	12.904	13.221	VV	3074	264024	24.26%	2.698%
124	13.340	13.221	13.436	VV	1985	152960	14.06%	1.563%
125	13.543	13.436	13.661	VV	5206	344248	31.63%	3.518%
126	13.814	13.661	13.899	VV	4618	365172	33.55%	3.731%
127	13.939	13.899	13.998	VV	1933	92795	8.53%	0.948%
128	14.105	13.998	14.335	VV	11996	857861	78.83%	8.766%
129	14.420	14.335	14.498	VV	2165	142483	13.09%	1.456%
130	14.551	14.498	14.617	VV	1452	83813	7.70%	0.856%
131	14.707	14.617	14.752	VV	2075	123181	11.32%	1.259%
132	14.839	14.752	14.964	VV	5371	422917	38.86%	4.321%
133	15.183	14.964	15.253	VV	9756	1088286	100.00%	11.120%
134	15.269	15.253	15.396	VV	7956	500006	45.94%	5.109%
135	15.506	15.396	15.737	VV	5734	913634	83.95%	9.336%
136	15.801	15.737	15.872	VV	4717	287747	26.44%	2.940%
137	15.953	15.872	16.001	VV	5578	335720	30.85%	3.430%
138	16.033	16.001	16.119	VV	5067	303204	27.86%	3.098%
139	16.214	16.119	16.252	VV	5332	354495	32.57%	3.622%
140	16.298	16.252	16.315	VV	5363	197558	18.15%	2.019%
141	16.408	16.315	16.495	VV	12941	889096	81.70%	9.085%

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142	16.523	16.495	16.734	VV	4530	281440	25.86%	2.876%
143	16.839	16.734	16.984	PV	2445	182340	16.75%	1.863%
144	17.059	16.984	17.111	VV	615	32165	2.96%	0.329%
145	17.185	17.111	17.225	VV	1095	51521	4.73%	0.526%
146	17.343	17.225	17.426	VV	4355	276285	25.39%	2.823%
147	17.508	17.426	17.601	PBA	8583	401908	36.93%	4.107%

Sum of corrected areas: 9786462

FB071425.M Thu Jul 17 02:06:30 2025

CALIBRATION SUMMARY

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

GASOLINE RANGE ORGANICS INITIAL CALIBRATION SUMMARY

Lab Name: Alliance
Contract: TACO01
ProjectID: Kingsland Point Park Water Main
Lab Code: ACE
SDG No.: Q2600

Calibration Sequence : FB071425		Test : Gasoline Range Organics	
Concentration (PPB)	**Area Count**	**Reference Factor**	**File ID**
45	1023187	22737	FB032098.D
90	2230128	24779	FB032099.D
180	5089197	28273	FB032100.D
450	13143347	29207	FB032101.D
900	26871900	29858	FB032102.D
AVG RF : 26971	**% RSD : 11.392**		**AVG RT : 8.799**

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

GASOLINE RANGE ORGANICS CONTINUING CALIBRATION SUMMARY

20 PPB GRO STD

Lab Name: Alliane Contract: TACO01

ProjectID: Kingsland Point Park Water Main

Lab Code: ACE SDG No.: Q2600

DataFile: FB032131.D Analyst Name: YP/AJ Analyst Date: 07-16-2025

Conc. (PPB)	Area Count	RF	Average RF	%D
180	5168683	28715	26971	6.466

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB071625\
Data File : FB032131.D
Signal(s) : FID2B.CH
Acq On : 16 Jul 2025 9:31
Operator : YP/AJ
Sample : 20 PPB GRO STD
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
20 PPB GRO STD

Integration File: Calibration.e
Quant Time: Jul 17 01:21:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB071425.M
Quant Title :
QLast Update : Mon Jul 14 13:11:27 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	8.797	298054	20.639	ng/ml
	Target Compounds				
1) t	2-Methylpentane	4.714	730787	32.151	ng/ml
2) t	2,2,4-Trimethylpentane	7.423	794789	32.735	ng/ml
3) t	n-Heptane	7.756	251437	10.660	ng/ml
4) t	Benzene	7.894	352639	10.898	ng/ml
6) t	Toluene	10.625	1012412	31.477	ng/ml
7) t	Ethylbenzene	13.061	297373	10.477	ng/ml
8) t	m-Xylene	13.194	621867	21.129	ng/ml
9) t	O-Xylene	13.921	596725	21.205	ng/ml
10) t	1,2,4-Trimethylbenzene	16.196	510654	21.064	ng/ml

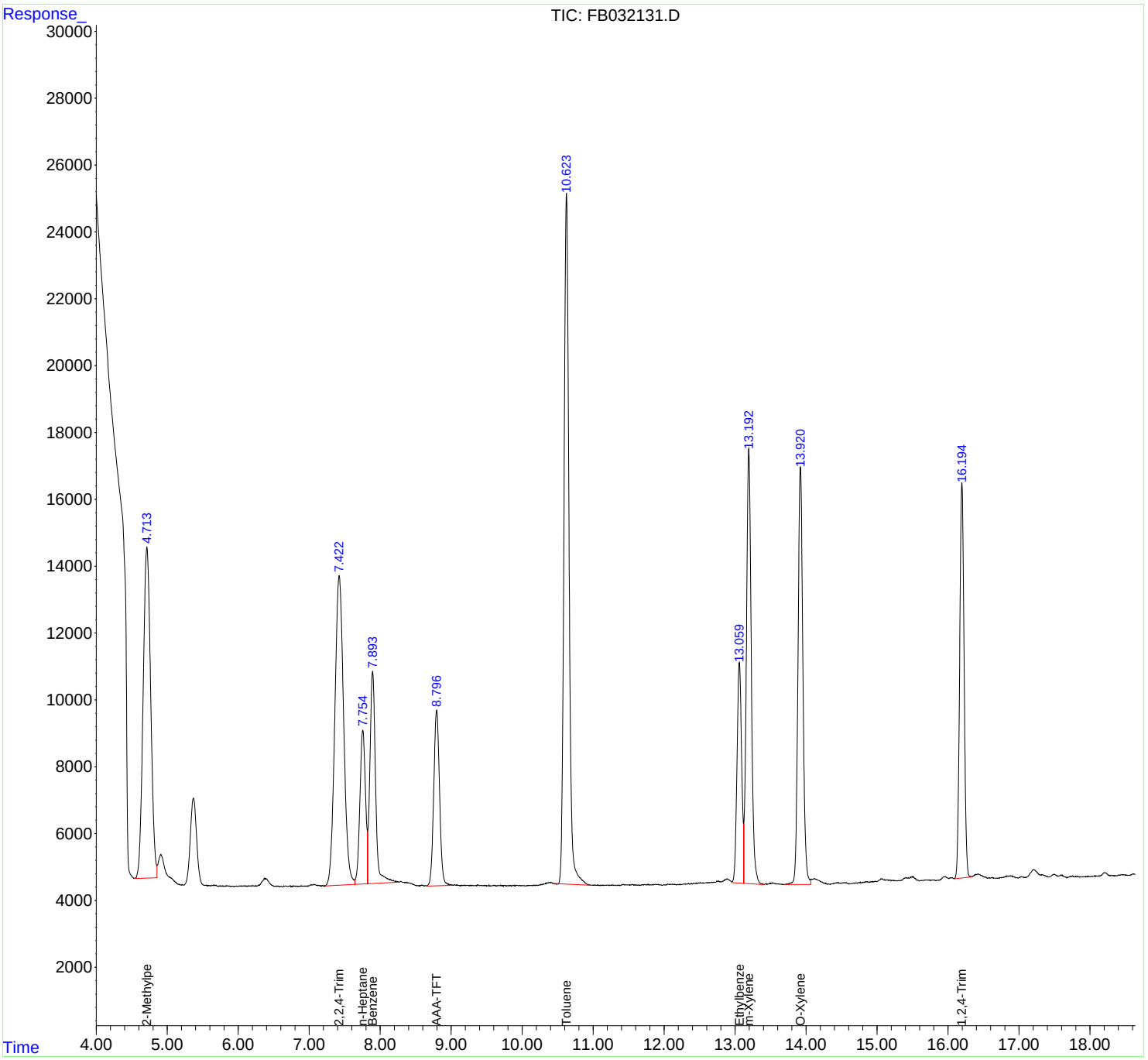
(f)=RT Delta > 1/2 Window (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB071625\
Data File : FB032131.D
Signal(s) : FID2B.CH
Acq On : 16 Jul 2025 9:31
Operator : YP/AJ
Sample : 20 PPB GRO STD
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
20 PPB GRO STD

Integration File: Calibration.e
Quant Time: Jul 17 01:21:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB071425.M
Quant Title :
QLast Update : Mon Jul 14 13:11:27 2025
Response via : Initial Calibration
Integrator: ChemStation

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



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Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB071625\
Data File : FB032131.D
Signal(s) : FID2B.CH
Acq On : 16 Jul 2025 9:31
Sample : 20 PPB GRO STD
Misc :
ALS Vial : 1 Sample Multiplier: 1

Integration File: Calibration.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB071425.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	4.532	4.856	BV	9897	730787	72.18%	13.368%
2	7.423	7.228	7.646	PV	9262	794789	78.50%	14.539%
3	7.756	7.646	7.823	VV	4599	251437	24.84%	4.599%
4	7.894	7.823	8.275	VV	6337	352639	34.83%	6.451%
5	8.797	8.661	9.021	PV	5249	298054	29.44%	5.452%
6	10.625	10.441	10.989	BV	20650	1012412	100.00%	18.519%
7	13.061	12.955	13.122	VV	6595	297373	29.37%	5.440%
8	13.194	13.122	13.408	VV	13004	621867	61.42%	11.375%
9	13.921	13.697	14.067	BV	12478	596725	58.94%	10.916%
10	16.196	16.096	16.325	BV	11806	510654	50.44%	9.341%

Sum of corrected areas: 5466737

FB071425.M Thu Jul 17 01:52:09 2025

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

GASOLINE RANGE ORGANICS CONTINUING CALIBRATION SUMMARY

20 PPB GRO STD

Lab Name: Alliane Contract: TACO01

ProjectID: Kingsland Point Park Water Main

Lab Code: ACE SDG No.: Q2600

DataFile: FB032139.D Analyst Name: YP/AJ Analyst Date: 07-16-2025

Conc. (PPB)	Area Count	RF	Average RF	%D
180	5222731	29015	26971	7.579

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB071625\
Data File : FB032139.D
Signal(s) : FID2B.CH
Acq On : 16 Jul 2025 13:52
Operator : YP/AJ
Sample : 20 PPB GRO STD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
20 PPB GRO STD

Integration File: Calibration.e
Quant Time: Jul 17 01:22:25 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB071425.M
Quant Title :
QLast Update : Mon Jul 14 13:11:27 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	293890	20.351 ng/ml
	Target Compounds			
1) t	2-Methylpentane	4.715	735825	32.373 ng/ml
2) t	2,2,4-Trimethylpentane	7.427	789131	32.502 ng/ml
3) t	n-Heptane	7.759	245438	10.406 ng/ml
4) t	Benzene	7.898	338467	10.460 ng/ml
6) t	Toluene	10.628	1038039	32.274 ng/ml
7) t	Ethylbenzene	13.064	307535	10.835 ng/ml
8) t	m-Xylene	13.197	646074	21.951 ng/ml
9) t	O-Xylene	13.924	602316	21.404 ng/ml
10) t	1,2,4-Trimethylbenzene	16.199	519906	21.446 ng/ml

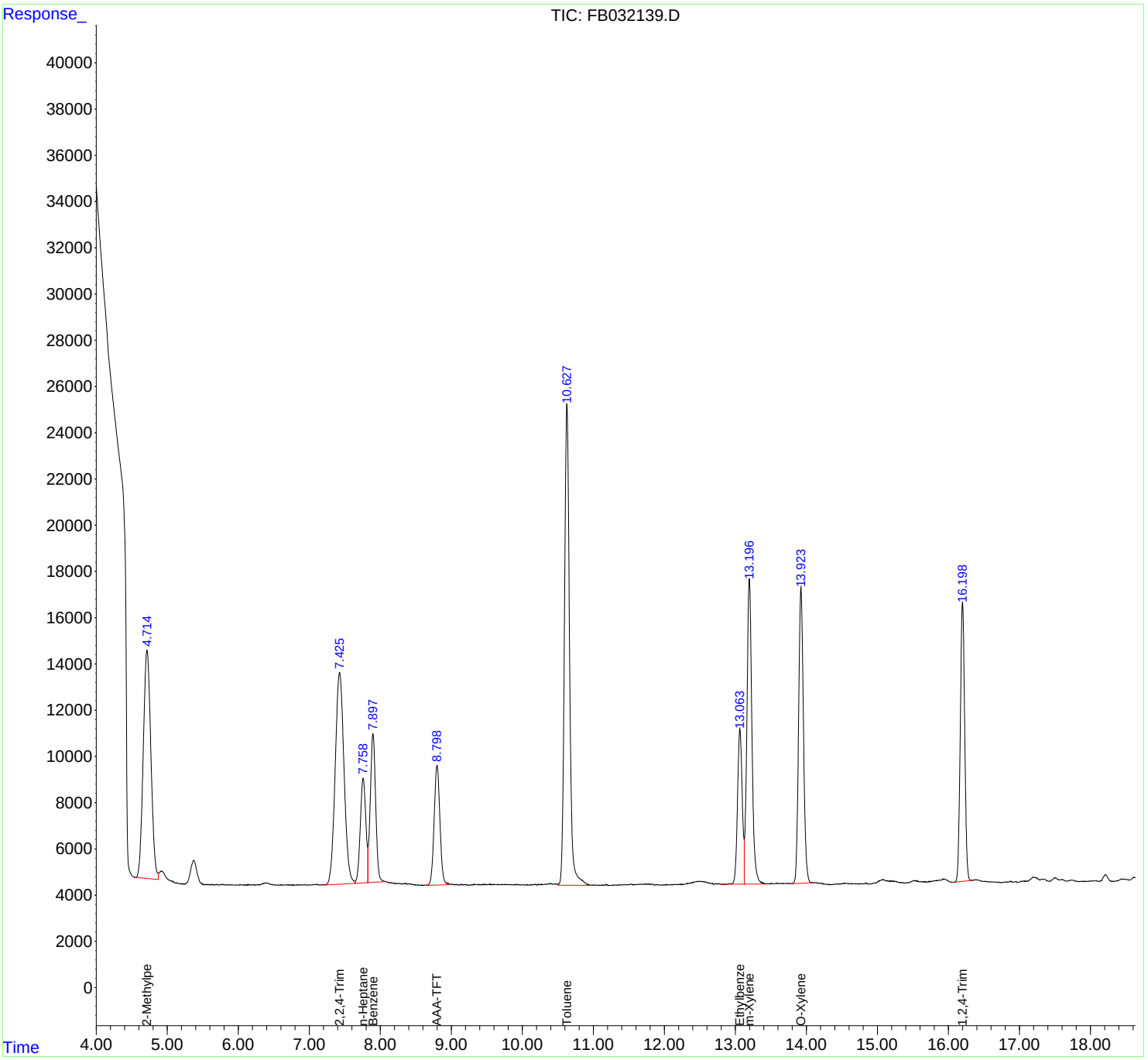
(f)=RT Delta > 1/2 Window (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB071625\
Data File : FB032139.D
Signal(s) : FID2B.CH
Acq On : 16 Jul 2025 13:52
Operator : YP/AJ
Sample : 20 PPB GRO STD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
20 PPB GRO STD

Integration File: Calibration.e
Quant Time: Jul 17 01:22:25 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB071425.M
Quant Title :
QLast Update : Mon Jul 14 13:11:27 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\FB071625\
Data File : FB032139.D
Signal(s) : FID2B.CH
Acq On : 16 Jul 2025 13:52
Sample : 20 PPB GRO STD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Integration File: Calibration.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB071425.M
Title :

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.715	4.537	4.875	BV	9876	735825	70.89%	13.338%
2	7.427	7.230	7.645	PV	9164	789131	76.02%	14.305%
3	7.759	7.645	7.826	VV	4529	245438	23.64%	4.449%
4	7.898	7.826	8.069	VV	6416	338467	32.61%	6.135%
5	8.799	8.620	8.987	BV	5180	293890	28.31%	5.327%
6	10.628	10.502	10.989	VV	20820	1038039	100.00%	18.817%
7	13.064	12.795	13.125	BV	6718	307535	29.63%	5.575%
8	13.197	13.125	13.419	VV	13196	646074	62.24%	11.711%
9	13.924	13.795	14.081	BV	12788	602316	58.02%	10.918%
10	16.199	16.069	16.327	BV	12050	519906	50.09%	9.424%

Sum of corrected areas: 5516622

FB071425.M Thu Jul 17 01:55:17 2025

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

GASOLINE RANGE ORGANICS CONTINUING CALIBRATION SUMMARY

20 PPB GRO STD

Lab Name: Alliane Contract: TACO01

ProjectID: Kingsland Point Park Water Main

Lab Code: ACE SDG No.: Q2600

DataFile: FB032145.D Analyst Name: YP/AJ Analyst Date: 07-16-2025

Conc. (PPB)	Area Count	RF	Average RF	%D
180	5320233	29557	26971	9.588

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB071625\
Data File : FB032145.D
Signal(s) : FID2B.CH
Acq On : 16 Jul 2025 17:37
Operator : YP/AJ
Sample : 20 PPB GRO STD
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
20 PPB GRO STD

Integration File: Calibration.e
Quant Time: Jul 17 01:23:20 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB071425.M
Quant Title :
QLast Update : Mon Jul 14 13:11:27 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	8.802	319673	22.136	ng/ml
	Target Compounds				
1) t	2-Methylpentane	4.716	745953	32.819	ng/ml
2) t	2,2,4-Trimethylpentane	7.430	787479	32.434	ng/ml
3) t	n-Heptane	7.762	246759	10.462	ng/ml
4) t	Benzene	7.900	364813	11.274	ng/ml
6) t	Toluene	10.631	1073269	33.369	ng/ml
7) t	Ethylbenzene	13.066	309967	10.921	ng/ml
8) t	m-Xylene	13.199	649794	22.077	ng/ml
9) t	O-Xylene	13.926	617586	21.947	ng/ml
10) t	1,2,4-Trimethylbenzene	16.201	524613	21.640	ng/ml

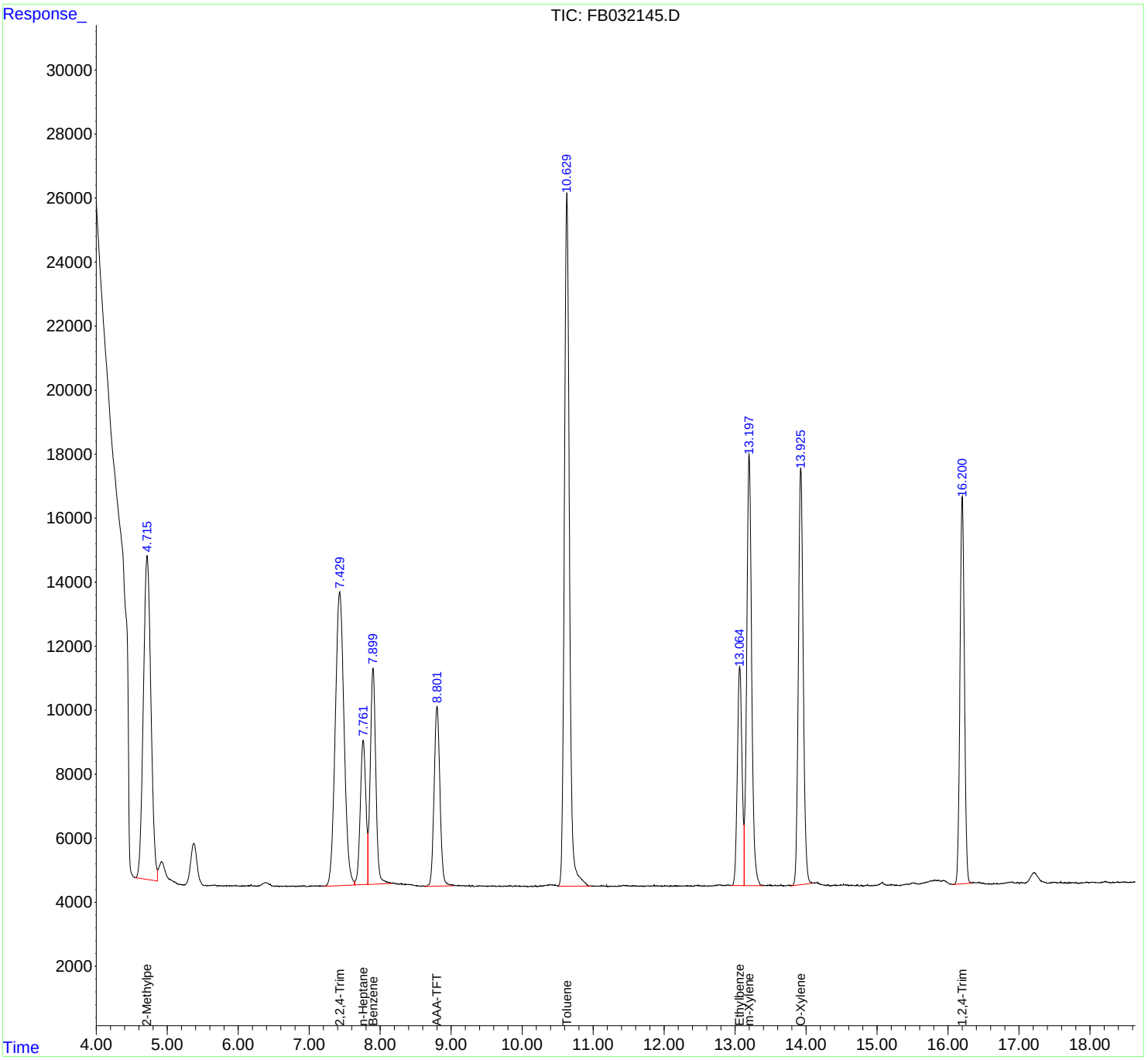
(f)=RT Delta > 1/2 Window (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB071625\
Data File : FB032145.D
Signal(s) : FID2B.CH
Acq On : 16 Jul 2025 17:37
Operator : YP/AJ
Sample : 20 PPB GRO STD
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
20 PPB GRO STD

Integration File: Calibration.e
Quant Time: Jul 17 01:23:20 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB071425.M
Quant Title :
QLast Update : Mon Jul 14 13:11:27 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\FB071625\
Data File : FB032145.D
Signal(s) : FID2B.CH
Acq On : 16 Jul 2025 17:37
Sample : 20 PPB GRO STD
Misc :
ALS Vial : 3 Sample Multiplier: 1

Integration File: Calibration.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB071425.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	4.543	4.863	BV	10120	745953	69.50%	13.226%
2	7.430	7.210	7.641	PV	9173	787479	73.37%	13.963%
3	7.762	7.641	7.828	VV	4518	246759	22.99%	4.375%
4	7.900	7.828	8.164	VV	6750	364813	33.99%	6.468%
5	8.802	8.629	9.032	PV	5612	319673	29.78%	5.668%
6	10.631	10.510	10.964	BV	21649	1073269	100.00%	19.030%
7	13.066	12.946	13.127	BV	6832	309967	28.88%	5.496%
8	13.199	13.127	13.399	VV	13456	649794	60.54%	11.521%
9	13.926	13.778	14.092	PV	13016	617586	57.54%	10.950%
10	16.201	16.066	16.339	BV	12080	524613	48.88%	9.302%

Sum of corrected areas: 5639906

FB071425.M Thu Jul 17 01:57:34 2025

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

Analytical Sequence

Client: T&A Construction Inc **SDG No.:** Q2600

Project: Kingsland Point Park Water Main **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 **8.799**

CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE AND TIME ANALYZED	DATAFILE	RT	#
20 PPB GRO STD	20 PPB GRO STD	16 Jul 2025 9:31	FB032131.D	8.797	
VBF0716S2	VBF0716S2	16 Jul 2025 10:41	FB032133.D	8.799	
BSF0716S1	BSF0716S1	16 Jul 2025 11:08	FB032134.D	8.800	
TRENCH	Q2600-01	16 Jul 2025 12:57	FB032137.D	8.800	
BSF0716S2	BSF0716S2	16 Jul 2025 13:25	FB032138.D	8.800	
20 PPB GRO STD	20 PPB GRO STD	16 Jul 2025 13:52	FB032139.D	8.799	
END-OF-TRENCH	Q2600-09	16 Jul 2025 14:38	FB032140.D	8.800	
STOCK-PILE	Q2600-05	16 Jul 2025 15:34	FB032141.D	8.842	
20 PPB GRO STD	20 PPB GRO STD	16 Jul 2025 17:37	FB032145.D	8.802	

 # Column used to flag RT values with an * values outside of QC limits

QC Limits	Lower Limit	Upper Limits
(± 0.10 minutes)	8.699	8.899

QC SAMPLE DATA

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Fax : 908 789 8922

Report of Analysis

Client:	T&A Construction Inc	Date Collected:	
Project:	Kingsland Point Park Water Main	Date Received:	
Client Sample ID:	VBF0716S2	SDG No.:	Q2600
Lab Sample ID:	VBF0716S2	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
FB032133.D	50	07/16/25 10:41	FB071625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
GRO	GRO	413	U	413	2250	ug/kg
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	19.7		50 - 150	99%	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

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB071625\
Data File : FB032133.D
Signal(s) : FID2B.CH
Acq On : 16 Jul 2025 10:41
Operator : YP/AJ
Sample : VBF0716S2 50X
Misc : 5.00 G/5.00ML DI WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
VBF0716S2

Integration File: Calibration.e
Quant Time: Jul 17 01:21:36 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB071425.M
Quant Title :
QLast Update : Mon Jul 14 13:11:27 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	284837	19.724 ng/ml
Target Compounds				

(f)=RT Delta > 1/2 Window (m)=manual int.

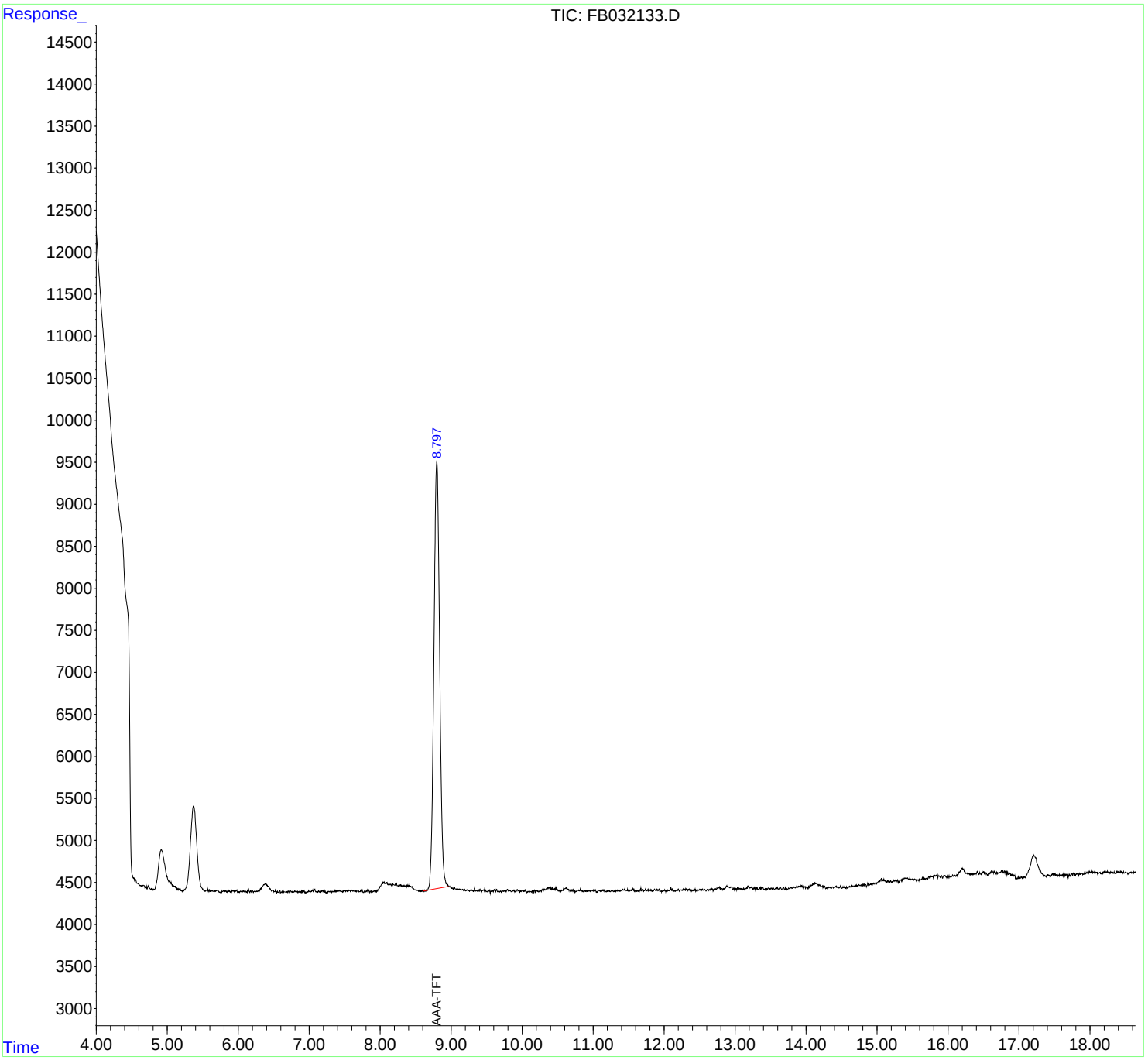
Quantitation Report (QT Reviewed)

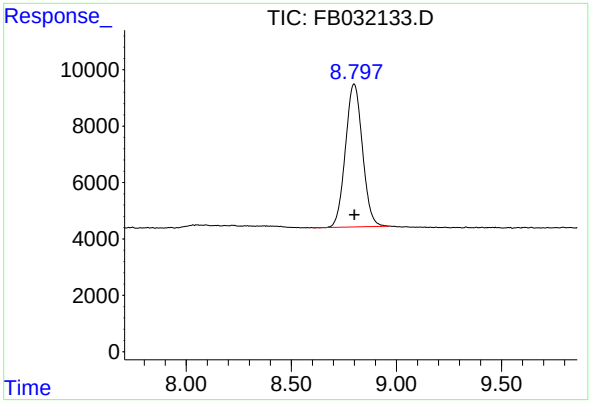
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB071625\
Data File : FB032133.D
Signal(s) : FID2B.CH
Acq On : 16 Jul 2025 10:41
Operator : YP/AJ
Sample : VBF0716S2 50X
Misc : 5.00 G/5.00ML DI WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
VBF0716S2

Integration File: Calibration.e
Quant Time: Jul 17 01:21:36 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB071425.M
Quant Title :
QLast Update : Mon Jul 14 13:11:27 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.:	0.000 min
Response:	284837
Conc:	19.72 ng/ml

Instrument :
FID_B
ClientSampleId :
VBF0716S2

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB071625\
Data File : FB032133.D
Signal(s) : FID2B.CH
Acq On : 16 Jul 2025 10:41
Sample : VBF0716S2 50X
Misc : 5.00 G/5.00ML DI WATER
ALS Vial : 3 Sample Multiplier: 1

Integration File: Calibration.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB071425.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	8.604	8.963	BV	5074	284837	100.00%	100.000%

Sum of corrected areas: 284837

FB071425.M Thu Jul 17 01:53:26 2025

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

Report of Analysis

Client:	T&A Construction Inc	Date Collected:	
Project:	Kingsland Point Park Water Main	Date Received:	
Client Sample ID:	BSF0716S1	SDG No.:	Q2600
Lab Sample ID:	BSF0716S1	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
FB032134.D	1	07/16/25 11:08	FB071625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
GRO	GRO	198		8.00	45.0	ug/kg
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	21.2		50 - 150	106%	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

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB071625\
Data File : FB032134.D
Signal(s) : FID2B.CH
Acq On : 16 Jul 2025 11:08
Operator : YP/AJ
Sample : BSF0716S1
Misc : 5.00 G/5.00ML DI WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
BSF0716S1

Integration File: Calibration.e
Quant Time: Jul 17 02:49:12 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB071425.M
Quant Title :
QLast Update : Mon Jul 14 13:11:27 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	305878	21.181 ng/ml
	Target Compounds			
1) t	2-Methylpentane	4.717	784417	34.511 ng/ml
2) t	2,2,4-Trimethylpentane	7.429	858732	35.369 ng/ml
3) t	n-Heptane	7.759	273052	11.577 ng/ml
4) t	Benzene	7.898	351395	10.860 ng/ml
6) t	Toluene	10.628	1040323	32.345 ng/ml
7) t	Ethylbenzene	13.064	301364	10.618 ng/ml
8) t	m-Xylene	13.197	629283	21.381 ng/ml
9) t	O-Xylene	13.924	595217	21.152 ng/ml
10) t	1,2,4-Trimethylbenzene	16.199	507545	20.936 ng/ml

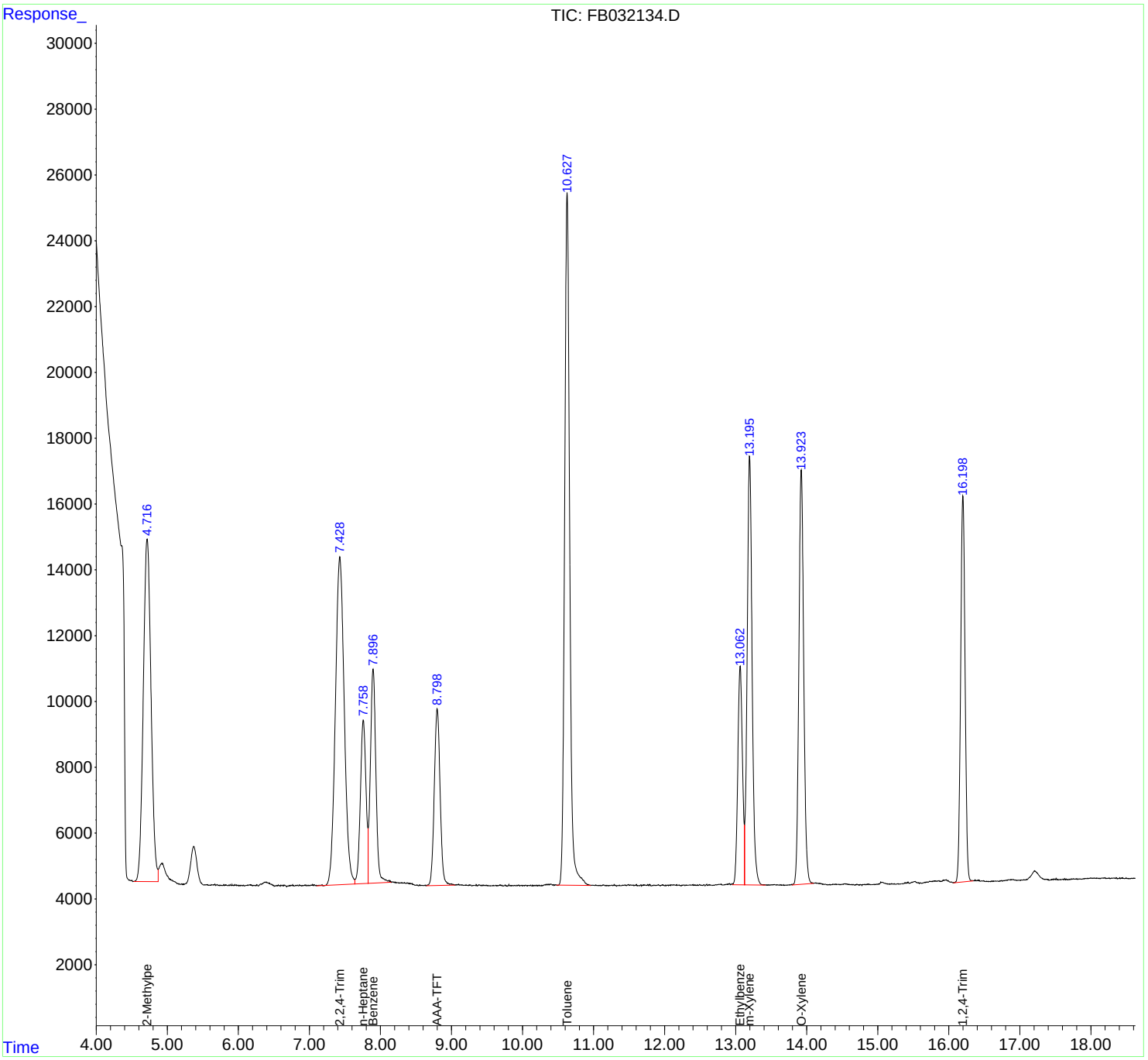
(f)=RT Delta > 1/2 Window (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB071625\
Data File : FB032134.D
Signal(s) : FID2B.CH
Acq On : 16 Jul 2025 11:08
Operator : YP/AJ
Sample : BSF0716S1
Misc : 5.00 G/5.00ML DI WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
BSF0716S1

Integration File: Calibration.e
Quant Time: Jul 17 02:49:12 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB071425.M
Quant Title :
QLast Update : Mon Jul 14 13:11:27 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\FB071625\
Data File : FB032134.D
Signal(s) : FID2B.CH
Acq On : 16 Jul 2025 11:08
Sample : BSF0716S1
Misc : 5.00 G/5.00ML DI WATER
ALS Vial : 4 Sample Multiplier: 1

Integration File: Calibration.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB071425.M
Title :

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.717	4.526	4.871	BV	10410	784417	75.40%	13.890%
2	7.429	7.103	7.640	PV	9968	858732	82.54%	15.206%
3	7.759	7.640	7.827	VV	4971	273052	26.25%	4.835%
4	7.898	7.827	8.150	VV	6500	351395	33.78%	6.222%
5	8.800	8.648	9.049	BV	5375	305878	29.40%	5.416%
6	10.628	10.480	10.961	BV	21027	1040323	100.00%	18.422%
7	13.064	12.957	13.125	VV	6646	301364	28.97%	5.337%
8	13.197	13.125	13.422	VV	13036	629283	60.49%	11.143%
9	13.924	13.798	14.098	VV	12587	595217	57.21%	10.540%
10	16.199	16.066	16.344	PV	11728	507545	48.79%	8.988%

Sum of corrected areas: 5647206

FB071425.M Thu Jul 17 02:49:49 2025

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

Report of Analysis

Client:	T&A Construction Inc	Date Collected:	
Project:	Kingsland Point Park Water Main	Date Received:	
Client Sample ID:	BSF0716S2	SDG No.:	Q2600
Lab Sample ID:	BSF0716S2	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
FB032138.D	1	07/16/25 13:25	FB071625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
GRO	GRO	211		8.00	45.0	ug/kg
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	21.4		50 - 150	107%	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

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB071625\
Data File : FB032138.D
Signal(s) : FID2B.CH
Acq On : 16 Jul 2025 13:25
Operator : YP/AJ
Sample : BSF0716S2
Misc : 5.00G/5.00 ML DI WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
BSF0716S2

Integration File: Calibration.e
Quant Time: Jul 17 02:48:14 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB071425.M
Quant Title :
QLast Update : Mon Jul 14 13:11:27 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	308907	21.390	ng/ml
	Target Compounds				
1) t	2-Methylpentane	4.717	791148	34.807	ng/ml
2) t	2,2,4-Trimethylpentane	7.431	911833	37.556	ng/ml
3) t	n-Heptane	7.760	289850	12.289	ng/ml
4) t	Benzene	7.898	364939	11.278	ng/ml
6) t	Toluene	10.629	1083529	33.688	ng/ml
7) t	Ethylbenzene	13.065	350964	12.365	ng/ml
8) t	m-Xylene	13.198	721498	24.514	ng/ml
9) t	O-Xylene	13.925	619690	22.021	ng/ml
10) t	1,2,4-Trimethylbenzene	16.200	544452	22.458	ng/ml

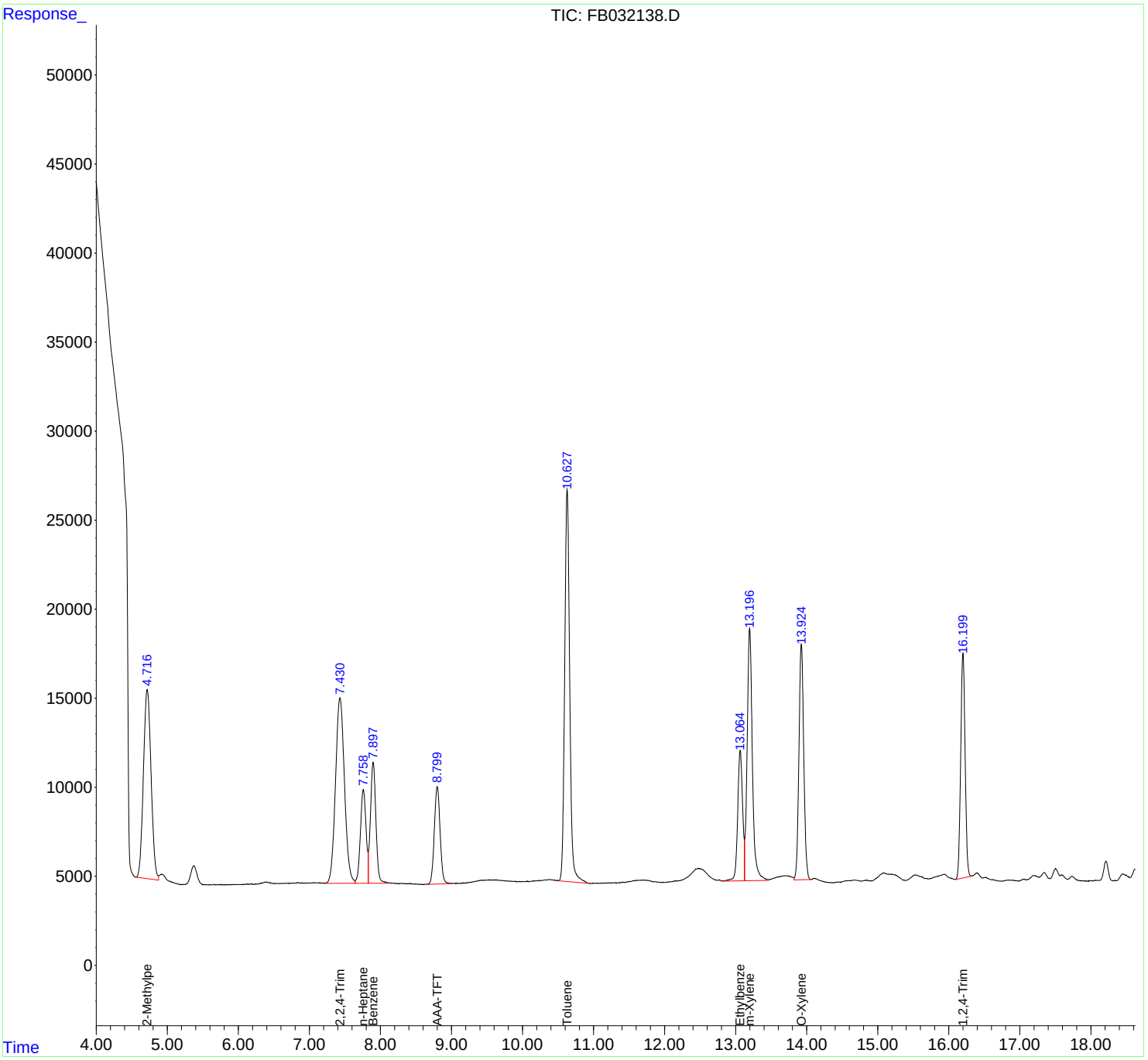
(f)=RT Delta > 1/2 Window (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB071625\
Data File : FB032138.D
Signal(s) : FID2B.CH
Acq On : 16 Jul 2025 13:25
Operator : YP/AJ
Sample : BSF0716S2
Misc : 5.00G/5.00 ML DI WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
BSF0716S2

Integration File: Calibration.e
Quant Time: Jul 17 02:48:14 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB071425.M
Quant Title :
QLast Update : Mon Jul 14 13:11:27 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\FB071625\
Data File : FB032138.D
Signal(s) : FID2B.CH
Acq On : 16 Jul 2025 13:25
Sample : BSF0716S2
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\FB071425.M
Title :

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.717	4.548	4.877	BV	10627	791148	73.02%	13.215%
2	7.431	7.215	7.645	PV	10418	911833	84.15%	15.231%
3	7.760	7.645	7.828	VV	5275	289850	26.75%	4.841%
4	7.898	7.828	8.137	VV	6794	364939	33.68%	6.096%
5	8.800	8.669	9.016	VV	5478	308907	28.51%	5.160%
6	10.629	10.501	10.950	PV	22005	1083529	100.00%	18.099%
7	13.065	12.809	13.126	VV	7331	350964	32.39%	5.862%
8	13.198	13.126	13.458	VV	14156	721498	66.59%	12.051%
9	13.925	13.821	14.062	VV	13215	619690	57.19%	10.351%
10	16.200	16.096	16.327	PV	12600	544452	50.25%	9.094%

Sum of corrected areas: 5986811

FB071425.M Thu Jul 17 02:49:00 2025

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

Manual Integration Report

Sample ID	ClientId ID	File ID	Sequence ID	Parameter	Supervised By	Supervised On	Reason
5 GRO STD		FB032098.D	FB071425	Benzene	mohammad	7/16/2025 1:42:50 AM	Peak Integrated by Software incorrectly
5 GRO STD		FB032098.D	FB071425	n-Heptane	mohammad	7/16/2025 1:42:50 AM	Peak Integrated by Software incorrectly
VBF0714S2		FB032106.D	FB071425	AAA-TFT	mohammad	7/16/2025 1:42:50 AM	Peak Integrated by Software incorrectly
Q2589-01		FB032108.D	FB071425	AAA-TFT	mohammad	7/16/2025 1:42:50 AM	Peak Integrated by Software incorrectly
20 PPB GRO STD		FB032112.D	FB071425	O-Xylene	mohammad	7/16/2025 1:42:50 AM	Peak Integrated by Software incorrectly

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Manual Integration Report

Sample ID	ClientId ID	File ID	Sequence ID	Parameter	Supervised By	Supervised On	Reason
Q2600-05		FB032141.D	FB071625	AAA-TFT	mohammad	7/18/2025 3:11:08 AM	Peak Integrated by Software incorrectly

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

Instrument ID: FID_B

Daily Analysis Runlog For Sequence/QCBatch ID # FB071425

Review By	yogesh	Review On	7/14/2025 1:38:55 PM		
Supervise By	mohammad	Supervise On	7/16/2025 1:42:50 AM		
SubDirectory	FB071425	HP Acquire Method		HP Processing Method	FB071425

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24717,PP24720,PP24721,PP24722,PP24723,PP24724
CCC	PP24726,PP24727
Internal Standard/PEM	
ICV/I.BLK	PP24718,PP24725
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	5 GRO STD	FB032098.D	14 Jul 2025 9:57	YP/AJ	Ok,M
2	10 GRO STD	FB032099.D	14 Jul 2025 10:50	YP/AJ	Ok
3	20 GRO STD	FB032100.D	14 Jul 2025 11:18	YP/AJ	Ok
4	50 GRO STD	FB032101.D	14 Jul 2025 11:46	YP/AJ	Ok
5	100 GRO STD	FB032102.D	14 Jul 2025 13:19	YP/AJ	Ok
6	FB071425GROICV	FB032103.D	14 Jul 2025 14:14	YP/AJ	Ok
7	20 PPB GRO STD	FB032104.D	14 Jul 2025 14:55	YP/AJ	Ok
8	VBF0714S1	FB032105.D	14 Jul 2025 15:40	YP/AJ	Ok
9	VBF0714S2	FB032106.D	14 Jul 2025 16:08	YP/AJ	Ok,M
10	BSF0714S1	FB032107.D	14 Jul 2025 16:35	YP/AJ	Ok
11	Q2589-01	FB032108.D	14 Jul 2025 17:03	YP/AJ	Not Ok
12	Q2589-01	FB032109.D	14 Jul 2025 17:31	YP/AJ	Not Ok
13	Q2589-01	FB032110.D	14 Jul 2025 17:59	YP/AJ	Ok
14	BSF0714S2	FB032111.D	14 Jul 2025 18:26	YP/AJ	Ok
15	20 PPB GRO STD	FB032112.D	14 Jul 2025 18:54	YP/AJ	Ok,M

M : Manual Integration

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

Instrument ID: FID_B

Daily Analysis Runlog For Sequence/QCBatch ID # FB071625

Review By	yogesh	Review On	7/16/2025 1:39:40 PM		
Supervise By	mohammad	Supervise On	7/18/2025 3:11:08 AM		
SubDirectory	FB071625	HP Acquire Method		HP Processing Method	FB071425

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24717,PP24720,PP24721,PP24722,PP24723,PP24724
CCC	PP24732,PP24733,PP24734
Internal Standard/PEM	
ICV/I.BLK	PP24718,PP24725
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	20 PPB GRO STD	FB032131.D	16 Jul 2025 9:31	YP/AJ	Ok
2	VBF0716S1	FB032132.D	16 Jul 2025 10:13	YP/AJ	Ok
3	VBF0716S2	FB032133.D	16 Jul 2025 10:41	YP/AJ	Ok
4	BSF0716S1	FB032134.D	16 Jul 2025 11:08	YP/AJ	Ok
5	Q2600-09	FB032135.D	16 Jul 2025 12:02	YP/AJ	Dilution
6	Q2600-05	FB032136.D	16 Jul 2025 12:29	YP/AJ	Dilution
7	Q2600-01	FB032137.D	16 Jul 2025 12:57	YP/AJ	Ok
8	BSF0716S2	FB032138.D	16 Jul 2025 13:25	YP/AJ	Ok
9	20 PPB GRO STD	FB032139.D	16 Jul 2025 13:52	YP/AJ	Ok
10	Q2600-09	FB032140.D	16 Jul 2025 14:38	YP/AJ	Ok
11	Q2600-05	FB032141.D	16 Jul 2025 15:34	YP/AJ	Ok,M
12	I.BLK	FB032142.D	16 Jul 2025 16:01	YP/AJ	Ok
13	Q2600-05	FB032143.D	16 Jul 2025 16:42	YP/AJ	Not Ok
14	BSF0716S3	FB032144.D	16 Jul 2025 17:10	YP/AJ	Ok
15	20 PPB GRO STD	FB032145.D	16 Jul 2025 17:37	YP/AJ	Ok

M : Manual Integration

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

Instrument ID: FID_B

Daily Analysis Runlog For Sequence/QCBatch ID # FB071425

Review By	yogesh	Review On	7/14/2025 1:38:55 PM		
Supervise By	mohammad	Supervise On	7/16/2025 1:42:50 AM		
SubDirectory	FB071425	HP Acquire Method		HP Processing Method	FB071425

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24717,PP24720,PP24721,PP24722,PP24723,PP24724
CCC	PP24726,PP24727
Internal Standard/PEM	
ICV/I.BLK	PP24718,PP24725
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	5 GRO STD		FB032098.D	14 Jul 2025 9:57		YP/AJ	Ok,M
2	10 GRO STD		FB032099.D	14 Jul 2025 10:50		YP/AJ	Ok
3	20 GRO STD		FB032100.D	14 Jul 2025 11:18		YP/AJ	Ok
4	50 GRO STD		FB032101.D	14 Jul 2025 11:46		YP/AJ	Ok
5	100 GRO STD		FB032102.D	14 Jul 2025 13:19		YP/AJ	Ok
6	FB071425GROICV		FB032103.D	14 Jul 2025 14:14		YP/AJ	Ok
7	20 PPB GRO STD		FB032104.D	14 Jul 2025 14:55		YP/AJ	Ok
8	VBF0714S1		FB032105.D	14 Jul 2025 15:40		YP/AJ	Ok
9	VBF0714S2		FB032106.D	14 Jul 2025 16:08		YP/AJ	Ok,M
10	BSF0714S1		FB032107.D	14 Jul 2025 16:35		YP/AJ	Ok
11	Q2589-01		FB032108.D	14 Jul 2025 17:03	Vial-A, Surr FAil	YP/AJ	Not Ok
12	Q2589-01		FB032109.D	14 Jul 2025 17:31	Vial-B, Not purged	YP/AJ	Not Ok
13	Q2589-01		FB032110.D	14 Jul 2025 17:59	Vial-C	YP/AJ	Ok
14	BSF0714S2		FB032111.D	14 Jul 2025 18:26		YP/AJ	Ok
15	20 PPB GRO STD		FB032112.D	14 Jul 2025 18:54		YP/AJ	Ok,M

M : Manual Integration

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

Instrument ID: FID_B

Daily Analysis Runlog For Sequence/QCBatch ID # FB071625

Review By	yogesh	Review On	7/16/2025 1:39:40 PM		
Supervise By	mohammad	Supervise On	7/18/2025 3:11:08 AM		
SubDirectory	FB071625	HP Acquire Method		HP Processing Method	FB071425

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24717,PP24720,PP24721,PP24722,PP24723,PP24724
CCC	PP24732,PP24733,PP24734
Internal Standard/PEM	
ICV/I.BLK	PP24718,PP24725
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	20 PPB GRO STD		FB032131.D	16 Jul 2025 9:31		YP/AJ	Ok
2	VBF0716S1		FB032132.D	16 Jul 2025 10:13		YP/AJ	Ok
3	VBF0716S2		FB032133.D	16 Jul 2025 10:41		YP/AJ	Ok
4	BSF0716S1		FB032134.D	16 Jul 2025 11:08		YP/AJ	Ok
5	Q2600-09		FB032135.D	16 Jul 2025 12:02	Vial-C, Need Dilution	YP/AJ	Dilution
6	Q2600-05		FB032136.D	16 Jul 2025 12:29	Vial-C, Need Dilution	YP/AJ	Dilution
7	Q2600-01		FB032137.D	16 Jul 2025 12:57	Vial-C	YP/AJ	Ok
8	BSF0716S2		FB032138.D	16 Jul 2025 13:25		YP/AJ	Ok
9	20 PPB GRO STD		FB032139.D	16 Jul 2025 13:52		YP/AJ	Ok
10	Q2600-09		FB032140.D	16 Jul 2025 14:38	Vial-C	YP/AJ	Ok
11	Q2600-05		FB032141.D	16 Jul 2025 15:34	Vial-C	YP/AJ	Ok,M
12	I.BLK		FB032142.D	16 Jul 2025 16:01		YP/AJ	Ok
13	Q2600-05		FB032143.D	16 Jul 2025 16:42	Vial-C ,no required	YP/AJ	Not Ok
14	BSF0716S3		FB032144.D	16 Jul 2025 17:10		YP/AJ	Ok
15	20 PPB GRO STD		FB032145.D	16 Jul 2025 17:37		YP/AJ	Ok

M : Manual Integration

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 7/15/2025

OVENTEMP IN Celsius(°C): 108
Time IN: 17:25
In Date: 07/14/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:25
Out Date: 07/15/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % solids-oven

QC: LB136466

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
Q2595-01	CHRT-24849	1	1.14	10.85	11.99	6.00	44.8	GEL Matrix
Q2595-02	CHRT-24849-E2	2	1.18	10.69	11.87	3.99	26.3	GEL Matrix
Q2597-01	CHRT-26899	3	1.18	10.21	11.39	11.25	98.6	
Q2597-02	CHRT-26899-E2	4	1.19	10.48	11.67	11.55	98.9	
Q2598-01	OK-01-071425	5	1.14	10.30	11.44	11.11	96.8	
Q2598-02	OK-01-071425-E2	6	1.17	10.23	11.4	11.02	96.3	
Q2599-01	A1	7	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q2599-02	A2	8	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q2599-03	B1	9	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q2600-01	TRENCH	10	1.12	10.41	11.53	8.98	75.5	
Q2600-03	TRENCH	11	1.19	10.80	11.99	9.85	80.2	
Q2600-05	STOCK-PILE	12	1.13	10.53	11.66	9.78	82.1	
Q2600-07	STOCK-PILE	13	1.15	10.84	11.99	10.22	83.7	
Q2600-09	END-OF-TRENCH	14	1.15	10.49	11.64	10.09	85.2	
Q2600-11	END-OF-TRENCH	15	1.17	10.62	11.79	10.18	84.8	
Q2601-01	7-14-25-1	16	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q2601-02	7-14-25-2	17	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q2601-03	7-14-25-3	18	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q2601-04	7-14-25-4	19	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q2601-05	7-14-25-5	20	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q2601-06	7-14-25-6	21	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q2601-07	7-14-25-7	22	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q2601-08	7-14-25-8	23	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q2601-09	7-14-25-9	24	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q2601-10	7-14-25-10	25	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q2601-11	7-14-25-11	26	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q2601-12	7-14-25-12	27	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q2601-13	7-14-25-13	28	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 7/15/2025

OVENTEMP IN Celsius(°C): 108
Time IN: 17:25
In Date: 07/14/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:25
Out Date: 07/15/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % solids-oven

QC: LB136466

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
Q2601-14	7-14-25-14	29	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q2601-15	7-14-25-15	30	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE

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

WORKLIST(Hardcopy Internal Chain)

136466

WorkList Name : %1-071425 **WorkList ID :** 190685 **Department :** Wet-Chemistry **Date :** 07-14-2025 07:38:22

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2600-01	TRENCH	Solid	Percent Solids	Cool 4 deg C	TACO01	D41	07/14/2025	Chemtech -SO
Q2600-03	TRENCH	Solid	Percent Solids	Cool 4 deg C	TACO01	D41	07/14/2025	Chemtech -SO
Q2600-05	STOCK-PILE	Solid	Percent Solids	Cool 4 deg C	TACO01	D41	07/14/2025	Chemtech -SO
Q2600-07	STOCK-PILE	Solid	Percent Solids	Cool 4 deg C	TACO01	D41	07/14/2025	Chemtech -SO
Q2600-09	END-OF-TRENCH	Solid	Percent Solids	Cool 4 deg C	TACO01	D41	07/14/2025	Chemtech -SO
Q2600-11	END-OF-TRENCH	Solid	Percent Solids	Cool 4 deg C	TACO01	D41	07/14/2025	Chemtech -SO
Q2595-01	CHRT-24849	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	07/14/2025	Chemtech -SO
Q2595-02	CHRT-24849-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	07/14/2025	Chemtech -SO
Q2597-01	CHRT-26899	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	07/14/2025	Chemtech -SO
Q2597-02	CHRT-26899-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	07/14/2025	Chemtech -SO
Q2599-01	A1	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	07/14/2025	Chemtech -SO
Q2599-02	A2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	07/14/2025	Chemtech -SO
Q2601-12	7-14-25-12	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	07/14/2025	Chemtech -SO
Q2601-13	7-14-25-13	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	07/14/2025	Chemtech -SO
Q2601-14	7-14-25-14	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	07/14/2025	Chemtech -SO
Q2601-15	7-14-25-15	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	07/14/2025	Chemtech -SO
Q2601-06	7-14-25-6	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	07/14/2025	Chemtech -SO
Q2601-07	7-14-25-7	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	07/14/2025	Chemtech -SO
Q2601-08	7-14-25-8	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	07/14/2025	Chemtech -SO
Q2601-09	7-14-25-9	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	07/14/2025	Chemtech -SO
Q2601-10	7-14-25-10	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	07/14/2025	Chemtech -SO

Date/Time 07/14/25 15:15

Raw Sample Received by: JB (WC)

Raw Sample Relinquished by: CP

Date/Time 07/14/25 17:30

Raw Sample Received by: CP

Raw Sample Relinquished by: JB (WC)

WORKLIST(Hardcopy Internal Chain)

WR 136466

WorkList Name : %1-071425 **WorkList ID :** 190685 **Department :** Wet-Chemistry **Date :** 07-14-2025 07:38:22

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2601-11	7-14-25-11	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	07/14/2025	Chemtech -SO
Q2599-03	B1	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	07/14/2025	Chemtech -SO
Q2601-01	7-14-25-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	07/14/2025	Chemtech -SO
Q2601-02	7-14-25-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	07/14/2025	Chemtech -SO
Q2601-03	7-14-25-3	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	07/14/2025	Chemtech -SO
Q2601-04	7-14-25-4	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	07/14/2025	Chemtech -SO
Q2601-05	7-14-25-5	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	07/14/2025	Chemtech -SO
Q2598-01	OK-01-071425	Solid	Percent Solids	Cool 4 deg C	PSEG05	D41	07/14/2025	Chemtech -SO
Q2598-02	OK-01-071425-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	D41	07/14/2025	Chemtech -SO

Date/Time 07/14/25 15:15

Raw Sample Received by: JB WDC

Raw Sample Relinquished by: [signature]

Date/Time 07/14/25 17:30

Raw Sample Received by: [signature]

Raw Sample Relinquished by: JB WDC

SHIPPING DOCUMENTS

Alliance TECHNICAL GROUP

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 • Fax (908) 789-8922
www.chemtech.net

ALLIANCE PROJECT NO.
QUOTE NO. Q2600
COC Number 2047474

CLIENT INFORMATION (REPORT TO BE SENT TO:)

COMPANY: T&A Construction INC.
ADDRESS: Tarrytown Light-Kingsland Point Path
CITY Sleepy Hollow STATE: NY ZIP: 10591
ATTENTION: Garret Johnson
PHONE: (862) 298-0150 FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: Kingsland Point Path water main
PROJECT NO.: LOCATION:
PROJECT MANAGER:
e-mail:
PHONE: FAX:

CLIENT BILLING INFORMATION

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

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 + Raw Data) ☐ NYS ASP A ☐ NYS ASP B
☐ Other _____
☐ EDD FORMAT _____

ANALYSIS

	1	2	3	4	5	6	7	8	9
	VOCs	TCLP VOA	EPH, Hex Cr, PH	Ignitability, % Solids	6020	Full TCLP	Cyn, Aqueous, Hot Temp	PCB, Pest, SVOC	

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	PRESERVATIVES 1	2	3	4	5	6	7	8	9	COMMENTS
1.	Trench	S.	X		7-14	1300	6			X	X	X	X	X	X		
2.	Trench			X		1305	5	X	X								PPM - 65.5
3.	Stock Pile		X			1310	6			X	X	X	X	X	X		
4.	Stock Pile			X		1315	5	X	X								PPM - 82.9
5.	End of Trench		X			1320	6			X	X	X	X	X	X		
6.	End of Trench			X		1325	5	X	X								PPM - 644.3
7.																	
8.																	
9.																	
10.																	

COMMENTS ← Specify Preservatives
A-HCl B-HN03 C-H2SO4 D-NaOH E-ICE F-OTHER

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

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1.	7/14/25 1335	1.
2.		2.
3.	7/14/25 1505	3.

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 4.9°C °C
Comments:

Page 1 of 1

CLIENT: ☐ Hand Delivered ☐ Other

Shipment Complete ☐ YES ☐ NO

WHITE - ALLIANCE COPY FOR RETURN TO CLIENT YELLOW - ALLIANCE COPY PINK - SAMPLER COPY

CHEMTECH

Environmental Laboratory

www.chemtech.net | EMAIL: PM@chemtech.net

Project Name: Kingsland Point Park Water Main

Service Order #: —

Work Order #: —

Labor WBS #: —

Facility/Site: —

Site Address: Teaneytown Light - Kingsland Point Park, Sleepy Hollow NY 10591

Chemtech Order ID: _____

Sampler Name: Jorge Negron

Client Project Coordinator & Phone: Garret Johnson (862) 298-0150

Page #: 1 of 1

Date: 7-14-25

Arrive Time: 1230

Depart Time: 1335

Waste Stream (circle one): drum / roll-off / soil pile / in-situ / linear construction / frac-tank

Sample Matrices (circle all that apply): Water / Solid / NAPL / Concrete / Wipe

Collection Depths: _____ **Dimensions/CY**: _____

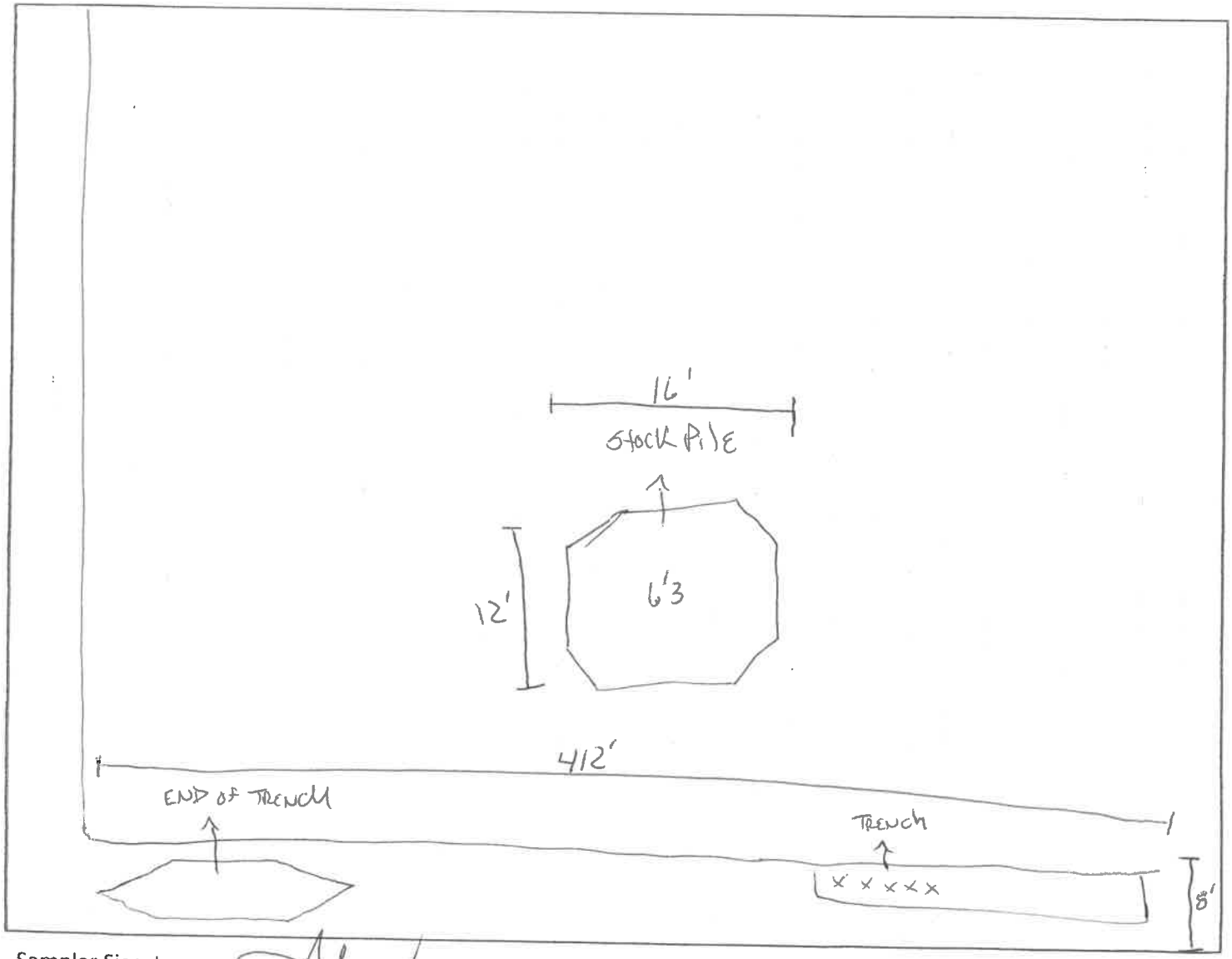
Temp (range): _____ °C **PID Readings (range)**: _____ PPM **Odor**: (Y) / N **Color**: (Y) / N

Sample Description: BLACK Oily Soil (ROCKS PRESENT) VERY STRONG SMELL

Field Observations: SAMPLE ALONG THE TRENCH + STOCK PILE

Grid/Area Composite Map:

QA Control # A3041134



Sampler Signature: _____

Client Signature: _____

Supervisor Review/Date: _____

Date/Time Arrived at Lab: _____

284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Laboratory Certification

Certified By	License No.
CAS EPA CLP Contract	68HERH20D0011
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255424 Rev 1
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	T104704488

QA Control Code: A2070148

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q2600 TACO01
Client Name : T&A Construction Inc
Client Contact : Garrett Johnson
Invoice Name : T&A Construction Inc
Invoice Contact : Garrett Johnson

Order Date : 7/14/2025 2:21:01 PM
Project Name : Kingsland Point Park Water
Receive DateTime : 7/14/2025 ~~12:00:00 AM~~ 15:05 Pm
Purchase Order :

Project Mgr :
Report Type : Analytical Summary 1
EDD Type : Excel NY
Hard Copy Date :
Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q2600-03	TRENCH	Solid	07/14/2025	13:05					
					VOC-TCLVOA-10		8260D		3 Bus. Days
Q2600-07	STOCK-PILE	Solid	07/14/2025	13:15					
					VOC-TCLVOA-10		8260D		3 Bus. Days
Q2600-11	END-OF-TRENCH	Solid	07/14/2025	13:25					
					VOC-TCLVOA-10		8260D		3 Bus. Days

Relinguished By :
Date / Time : 7/14/25 1540

Received By : JC
Date / Time : 7/14/25 1540

Storage Area : VOA Refridgerator Room