PROJECT ORDER PROPOSAL Date: September 2, 2022

Miami-Dade County, Aviation Department
Civil Environmental Engineering Division
Contract No. RTQ No. 01064, Hazardous Material Removal Services Prequalification

Project Name: Miami International Airport - Building 704 Hazardous Soil Removal
Project Order No.: RTQ-01064-PO#8

The bidder declares that they have examined the site of work and informed themselves fully in regard to all conditions pertaining to the place where the work is to be done; that they have examined the Plans, Specifications and other Contract Document relative thereto, including the Contract Bid Notification, Bidding Procedures and Instructions to Bidders, any and Supplemental Conditions, and acknowledges all Addenda issued; and that they have satisfied themselves as to the work to be performed, and the time within which it is to be completed.

The Bidder agrees, if this Bid is accepted, to contract with Miami-Dade County Aviation Department in the form of a Project Order to furnish all necessary materials, equipment, machinery, tools, apparatus, means of transportation, labor all means, methods, techniques, sequences, procedures, and incidentals necessary to construct and complete, within the time specified, the work covered by this Bid Form and other Contract Documents for:

Project Order Number: **RTQ-01064-PO#8** entitled **Miami International Airport - Building 704 Hazardous Soil Removal** a part of Miami Dade County: Hazardous Material Removal Contract MDAD Contract No: RTQ No. 01064 at Building 704: NW 25th Avenue and NW 65th Avenue, Miami, Florida.

The Bidder further agrees not to withdraw this Bid for a period of thirty (30) days after the times set for the opening of Bids.

The Bidder agrees that they will comply with Miami Dade County Aviation Department requirements described in the Contract Documents.

The Bidder agrees that, in case of unit price items if any, the quantities of the work stated in the Schedule of Prices Bid are estimates only and may be increased or decreased as provided in General Conditions.

CONE OF SILENCE
Pursuant to Section 2-11.1 (t) of the Code of Miami-Dade County, as amended, a "Cone of Silence" is imposed upon issuance of this ITQ after advertisement and terminates at the time a written recommendation is issued. (Use this link to enter the ITQ information on the Cone Report: https://intra8.miamidade.gov/Apps/ISD/SBD/Login.aspx)

METHOD OF AWARD
Award of this Contract will be made to the lowest responsive and responsible Bidder:
☒ in the aggregate for all items listed in the Schedule of Prices below. If a Bidder fails to submit an offer for all items, its offer may be rejected.
☐ on an item-by-item basis.
☐ on a group-by-group basis.

CONTRACT MEASURE(S)
Prior to award and after bids are received, the recommended lowest responsive responsible bidder shall submit a Utilization Plan in BMWS for approval to identify the SBEs that will be utilized on this Project to meet the requirements under Section 2.9 of the RTQ.

COMMUNITY WORKFORCE PROGRAM (CWP)
Community Workforce Goal is a requirement that a percentage of the workforce performing construction trades work and labor under a Capital Construction Contract/Work Orders be residents of a Designated Target Area. Pursuant to Section 2.9 of the RTQ, the Bidder shall comply with the 10% Community Workforce Goal as required by the Community Workforce Program provisions, Special Provisions 3.

PROJECT ORDER PROPOSAL **RTQ NO. 01064-PO#8**

CWP LIQUIDATED DAMAGES
In the event that the Contractor has not achieved the established local Workforce Goal pursuant to Section 2.9 of the RTQ, Liquidated Damages of a minimum of $3,000.00 per position by which the Contractor fails to comply with such goal or the wages that would have been payable for such position had the person(s) been hired for the position as listed on the approved Workforce Plan including all approved revisions to the Workforce Plan, whichever is greater, shall be assessed in accordance with Special Provisions 4, Community Workforce Program.

PROJECT ORDER TIME
Completion of the Work within the Project Order Time is of the essence. The Project Order Time for this Work is 180 calendar days from the effective date established in the Notice to Proceed.

RESPONSIBLE WAGE AND BENEFITS MIAMI-DADE COUNTY CODE SECTION 2-11.16: In the event that no Federal Funds are involved in this Contract, the minimum wage rates for laborers, mechanics and apprentices shall be not less than those established by Miami-Dade County in accordance with the Responsible Wages and Benefits requirements of Miami-Dade County Code Section 2-11.16, which are included in Special Provisions 3 and that Bidder acknowledges awareness of the penalties for non-compliance with the said requirements.

LOCAL PREFERENCE CERTIFICATION: For the purpose of this certification, and pursuant to Section 2-8.5 of the Code of Miami-Dade County, a "local business" is a business located within the limits of Miami-Dade County that has a valid Local Business Tax Receipt issued by Miami-Dade County at least one year prior to bid submission; has a physical business address located within the limits of Miami-Dade County from which business is performed and which served as the place of employment for at least three full time employees for the continuous period of one year prior to bid submittal (by exception, if the business is a certified Small Business Enterprise, the local business location must have served as the place of employment for one full time employee); and contributes to the economic development of the community in a verifiable and measurable way. This may include, but not be limited to, the retention and expansion of employment opportunities and the support and increase to the County's tax base.

Initial here _____ only if affirming the Bidder meets the requirements for Local Preference. Failure to affirm this certification at this time may render the Bidder ineligible for Local Preference. **IN ACCORDANCE WITH CFR 200.319(b), LOCAL PREFERENCE SHALL NOT APPLY TO FEDERALLY FUNDED PURCHASE.**

LOCALLY HEADQUARTERED BUSINESS CERTIFICATION: For the purpose of this certification, and pursuant to Section 2-8.5 of the Code of Miami-Dade County, a "locally-headquartered business" is a Local Business whose "principal place of business" is in Miami-Dade County.

Initial here _____ only if affirming the Bidder meets the requirements for the Locally Headquartered Preference (LHP). Failure to affirm certification at this time may render the Bidder ineligible for the LHP.

The address of the Locally Headquartered office is: _____

IN ACCORDANCE WITH CFR 200.319(b), LOCALLY HEADQUARTERED BUSINESS PREFERENCE SHALL NOT APPLY TO FEDERALLY FUNDED PURCHASE.

LOCAL CERTIFIED VETERAN BUSINESS ENTERPRISE CERTIFICATION: A Local Certified Veteran Business Enterprise is a firm that is (a) a local business pursuant to Section 2-8.5 of the Code of Miami-Dade County; and (b) prior to bid submission is certified by the State of Florida Department of Management Services as a veteran business enterprise pursuant to Section 295.187 of the Florida Statutes.

Initial here _____ only if affirming Bidder is a Local Certified Veteran Business Enterprise. A copy of the certification must be submitted with the bid. **IN ACCORDANCE WITH CFR 200.319(b), LOCAL CERTIFIED VETERAN BUSINESS ENTERPRISE PREFERENCE SHALL NOT APPLY TO FEDERALLY FUNDED PURCHASE.**

PROJECT ORDER PROPOSAL **RTQ NO. 01064-PO#8**

SCHEDULE OF PRICES BID

Award of this contract will be made to the lowest responsive and responsible Bidder in the aggregate for items 1-2 listed below. If a bidder fails to submit an offer for all line items, its offer may be rejected. The Bidder agrees to accept as full compensation for all work required to complete the Contract, the prices set forth in the below Schedule of Prices Bid. Prices below include tax, insurance, and bond (if required).

Item #	Description	Location	Quantity	U/M	Unit Price
1	Section A & Section B (Landfill Class 1) - Loading/Transporting Only	Building 704	1,300	TONS	$
2	Section C (Hazardous) - Loading/Transporting and Proper Disposal	Building 704	700	TONS	$
3	10% Contingency Allowance	Miami-Dade County will calculate the amount			
4	10% Dedicated Allowance Account for Proper Disposal	Miami-Dade County will calculate the amount			
5	**TOTAL BID**	Miami-Dade County will calculate the amount (sum of Items 1 and 2)			

A. WAIVER OF CONFIDENTIALITY AND TRADE SECRET TREATMENT OF BID:

The Bidder acknowledges and agrees that the submittal of the Bid is governed by Florida's Government in the Sunshine Laws and Public Records Laws, as set forth in Florida Statutes Section 286.011 and Chapter 119. As such, all material submitted as part of, or in support of, the Bid will be available for public inspection after opening of bids and may be considered by the County in public.

By submitting a bid pursuant to the Solicitation, Bidder agrees that all such materials may be considered public records. The Bidder shall not submit any information in response to the Solicitation which the Bidder considers to be a trade secret, proprietary or confidential. If the Bid contains a claim that all or a portion of the Bid submitted contains confidential, proprietary or trade secret information, the Bidder, **by signing below**, knowingly, and expressly **waives** all claims made that the Bid, or any part thereof no matter how indicated, is confidential, proprietary or a trade secret and authorizes the County to release such information to the public for any reason.

Acknowledgment of Waiver:

Bidder's Authorized Representative's Signature: **Date:**

B. CONVICTION DISCLOSURE:

Pursuant to Section 2-8.6 of the Code of Miami-Dade County, any individual, corporation, partnership, joint venture or other legal entity having an officer, director, or executive who has been convicted of a felony during the past ten (10) years shall disclose this information at the time of bid submittal.

☐ Place a check mark here **only** if the Bidder has such conviction to disclose to comply with this requirement.

C. CONFLICT OF INTEREST DISCLOSURE:

Pursuant to Section 2-11.1 (c) and (d) of the Code of Miami-Dade County, please respond to the following questions posed.

1. ARE ANY OWNERS/PRINCIPALS/PERSONS WITH OWNERSHIP INTEREST IN THE COMPANY, A MIAMI-DADE COUNTY ELECTED OFFICIAL, AGENCY BOARD MEMBER OR EMPLOYEE(S)?

☐ **YES** or ☐ **NO**

If Yes, attach Conflict-of-Interest Opinion provided by Miami-Dade County Commission on Ethics and Public Trust.

2. ARE ANY IMMEDIATE FAMILY MEMBERS OF THE COMPANY'S OWNERS/PRINCIPALS/PERSONS WITH OWNERSHIP INTEREST IN THE COMPANY, A MIAMI-DADE COUNTY ELECTED OFFICIAL, AGENCY BOARD MEMBER OR EMPLOYEE?

☐ **YES** or ☐ **NO**

If Yes, attach Conflict-of-Interest Opinion provided by Miami-Dade County Commission on Ethics and Public Trust.

Representative's Name:

Representative's Title:

D. BIDDER'S INFORMATION

Legal Company Name (include d/b/a if applicable):

Bidder's Contact Person:

Email Address:

Phone Number (include area code):

Federal Tax Identification Number:

Bidder's Address:

E. ACKNOWLEDGEMENT OF BINDING OFFER

The execution of this form constitutes the consent of the Bidder to be bound by the terms of its Bid and the Solicitation. Failure to sign where indicated below by an authorized representative shall render the Bid non-responsive. The County may, however, in its sole discretion, accept any response that includes an executed document which unequivocally binds the Bidder to the terms of its Bid and the Solicitation.

Bidder's Authorized Representative's Signature:

Date:

Representative's Name:

Representative's Title:

Project Order No.: RTQ-01064-PO#8 includes the following attachments:

- Project Order Proposal (POP)
- Project Order (PO)
- Exhibit A Reports

PROJECT ORDER DRAFT Date: September 2, 2022

Miami-Dade County, Aviation Department
Civil Environmental Engineering Division
Contract No. RTQ No. 01064, Hazardous Material Removal Services Prequalification

Project Name: Miami International Airport - Building 704 Hazardous Soil Removal
Project Order No.: RTQ-01064-PO#8

ANNOUNCEMENT FOR PROJECTS

1. Sealed bids for this Project shall be received, in person, by the Miami-Dade Aviation Department (MDAD) on **September 16, 2022 at 2:00 p.m. at 4331 NW 22 Street, Bldg. 3040, Miami, FL 33122. Bids should be marked on the outside of the sealed envelope "Miami International Airport – Building 704 Hazardous Soil Removal, Project Number RTQ-01064-PO#8".** Bid will be opened in at the Procurement & Materials Management Division office immediately following the closing time. Bids received after the time and date specified will not be considered. The County reserves the right to postpone or cancel the Bid opening at any time prior to the scheduled opening of Bids. Bidders are invited to be present. The responsibility for submitting bids on or before the stated time and date specified is solely the responsibility of the bidder. The County will in no way be responsible for delays caused by technical difficulty or caused by any other occurrence. All expenses involved with the preparation and submission of bids to the County, or any work performed in connection therewith, shall be borne by the bidder(s).

2. **Scope**
   To provide all labor, material, equipment, supervision, permitting, and services as necessary to complete the hazardous material removal, and associated appurtenances that include hazardous substances. This work will include but is not limited to:
   • Hazardous substance cleaning/removal from the structures including asbestos- and lead-containing materials and polychlorobiphenyl, mercury, petroleum impacted materials
   • Proper disposal of hazardous wastes
   • Proper disposal of building debris
   • Removal and proper disposal of Industrial Waste lines and associated impacted soils (contaminated and/or hazardous classification)

   All work shall be in accordance with the HMRS Contract, the Project Manual and Plan of Action prepared by Intertek-Professional Service Industries, Inc. and GLE Associates, Inc Team dated May 2nd, 2022, and in accordance with all Federal, State and Local Rules and Regulations.

3. **Time of Completion**: 180 calendar days from Notice to Proceed (NTP). Bid preparation shall be in accordance with the instructions to bidders found in the Project Manual and Plan of Action. Please note that only Contractors who entered into the Non-Exclusive Hazardous Material Removal Contract with the County shall submit a bid. The County reserves the right to waive any and all informalities and irregularities, and to reject any or all bids.

4. **Pre-bid Conference and Walk-through**: A pre-bid conference and walk-trough can be scheduled upon request. Requests must be made in writing and submitted via email to Juliana Manjarres: jmanjarres@flymia.com with a copy to the Clerk of the Board clerk.board@miamidade.gov. **All requests must be submitted by 2:00 p.m. September 6th, 2022.**

5. Additional Information/Addenda: Requests for additional information or clarifications must be made in writing and submitted via email to Juliana Manjarres: jmanjarres@flymia.com, with a copy to the Clerk of Board: clerk.board@miamidade.gov. **All requests must be submitted by 2:00 p.m., September 7th, 2022.**

6. The evaluation of competitive bids is subject to Sections 2-8.5 and 2-8.5.1 of the Code, which, except where contrary to federal and state law, or any other funding source requirements, provides that preference be given to local businesses and local certified veteran's businesses. IN ACCORDANCE WITH CFR 200.319(B), PREFERENCE SHALL NOT APPLY TO FEDERALLY FUNDED PURCHASES.

7. The provisions of Contract Documents for the Hazardous Material Removal Contract are incorporated herein by reference thereto. Each Contractor has copies of the Contract Documents.

8. The Demo Plan and specifications have been incorporated herein as Exhibit A.

EXHIBIT A

Miami International Airport

Building 704 Hazardous Soil Removal

Civil Environmental Engineering Division
Hazardous Material Removal Services Prequalification (HMRS)
MDAD Contract No. RTQ No. 01064

Pace Analytical Services, LLC
3610 Park Central Blvd N
Pompano Beach, FL 33064
(954)582-4300

November 04, 2020

Rod Buenconsejo
Miami-Dade Aviation Department
PO Box 025504
Miami, FL 33102

RE: Project: 040-01-06/Demo B704 SP1-Revised Report
Pace Project No.: 35582258

Dear Rod Buenconsejo:

Enclosed are the analytical results for sample(s) received by the laboratory on October 02, 2020. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace National - Mt. Juliet
- Pace Analytical Services - Ormond Beach

Revision 2 - This report replaces the 10/23/2020 report. TCLP Cadmium has been added to Demo B704-SP-1-C.

Revision 1 - This report replaces the 10/15/2020 report. SPLP Cadmium has been added to Demo B704-SP-1-C.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Christina Raschke

Christina Raschke
christina.raschke@pacelabs.com
(954)582-4300
Project Manager

Enclosures

cc: Valeska Colmenares, Nova Consulting, Inc.
Juan Prieto, Nova Consuting, Inc.

Pace Analytical Services, LLC
3610 Park Central Blvd N
Pompano Beach, FL 33064
(954)582-4300

CERTIFICATIONS

Project: 040-01-06/Demo B704 SP1-Revised Report
Pace Project No.: 35582258

Pace Analytical Services Ormond Beach

8 East Tower Circle, Ormond Beach, FL 32174
Alaska DEC- CS/UST/LUST
Alabama Certification #: 41320
Arizona Certification# AZ0819
Colorado Certification: FL NELAC Reciprocity
Connecticut Certification #: PH-0216
Delaware Certification: FL NELAC Reciprocity
Florida Certification #: E83079
Georgia Certification #: 955
Guam Certification: FL NELAC Reciprocity
Hawaii Certification: FL NELAC Reciprocity
Illinois Certification #: 200068
Indiana Certification: FL NELAC Reciprocity
Kansas Certification #: E-10383
Kentucky Certification #: 90050
Louisiana Certification #: FL NELAC Reciprocity
Louisiana Environmental Certificate #: 05007
Maryland Certification: #346
Michigan Certification #: 9911
Mississippi Certification: FL NELAC Reciprocity
Missouri Certification #: 236
Montana Certification #: Cert 0074
Nebraska Certification: NE-OS-28-14
New Hampshire Certification #: 2958
New Jersey Certification #: FL022
New York Certification #: 11608
North Carolina Environmental Certificate #: 667
North Carolina Certification #: 12710
North Dakota Certification #: R-216
Ohio DEP 87780
Oklahoma Certification #: D9947
Pennsylvania Certification #: 68-00547
Puerto Rico Certification #: FL01264
South Carolina Certification: #96042001
Tennessee Certification #: TN02974
Texas Certification: FL NELAC Reciprocity
US Virgin Islands Certification: FL NELAC Reciprocity
Virginia Environmental Certification #: 460165
West Virginia Certification #: 9962C
Wisconsin Certification #: 399079670
Wyoming (EPA Region 8): FL NELAC Reciprocity

Pace Analytical Services National

12065 Lebanon Road, Mt. Juliet, TN 37122
Alabama Certification #: 40660
Alaska Certification 17-026
Arizona Certification #: AZ0612
Arkansas Certification #: 88-0469
California Certification #: 2932
Canada Certification #: 1461.01
Colorado Certification #: TN00003
Connecticut Certification #: PH-0197
DOD Certification: #1461.01
EPA# TN00003
Florida Certification #: E87487
Georgia DW Certification #: 923
Georgia Certification: NELAP
Idaho Certification #: TN00003
Illinois Certification #: 200008
Indiana Certification #: C-TN-01
Iowa Certification #: 364
Kansas Certification #: E-10277
Kentucky UST Certification #: 16
Kentucky Certification #: 90010
Louisiana Certification #: AI30792
Louisiana DW Certification #: LA180010
Maine Certification #: TN0002
Maryland Certification #: 324
Massachusetts Certification #: M-TN003
Michigan Certification #: 9958
Minnesota Certification #: 047-999-395
Mississippi Certification #: TN00003
Missouri Certification #: 340
Montana Certification #: CERT0086
Nebraska Certification #: NE-OS-15-05
Nevada Certification #: TN-03-2002-34
New Hampshire Certification #: 2975
New Jersey Certification #: TN002
New Mexico DW Certification
New York Certification #: 11742
North Carolina Aquatic Toxicity Certification #: 41
North Carolina Drinking Water Certification #: 21704
North Carolina Environmental Certificate #: 375
North Dakota Certification #: R-140
Ohio VAP Certification #: CL0069
Oklahoma Certification #: 9915
Oregon Certification #: TN200002
Pennsylvania Certification #: 68-02979
Rhode Island Certification #: LAO00356
South Carolina Certification #: 84004
South Dakota Certification
Tennessee DW/Chem/Micro Certification #: 2006
Texas Mold Certification #: LAB0152
Texas Certification #: T 104704245-17-14
USDA Soil Permit #: P330-15-00234
Utah Certification #: TN00003
Virginia Certification #: VT2006
Vermont Dept. of Health: ID# VT-2006
Virginia Certification #: 460132

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
3610 Park Central Blvd N
Pompano Beach, FL 33064
(954)582-4300

CERTIFICATIONS

Project: 040-01-06/Demo B704 SP1-Revised Report
Pace Project No.: 35582258

Pace Analytical Services National

Washington Certification #: C847
West Virginia Certification #: 233
Wisconsin Certification #: 998093910
Wyoming UST Certification #: via A2LA 2926.01
A2LA-ISO 17025 Certification #: 1461.01
A2LA-ISO 17025 Certification #: 1461.02
AIHA-LAP/LLC EMLAP Certification #:100789

Pace Analytical Services, LLC
3610 Park Central Blvd N
Pompano Beach, FL 33064
(954)582-4300

SAMPLE SUMMARY

Project: 040-01-06/Demo B704 SP1-Revised Report
Pace Project No.: 35582258

Lab ID	Sample ID	Matrix	Date Collected	Date Received
35582060016	**Demo B704 SP-1-A**	Solid	10/01/20 12:00	10/02/20 16:15
35582060004	**Demo B704-SP-1-B**	Solid	10/01/20 12:07	10/02/20 16:15
35582060002	**Demo B704-SP-1-C**	Solid	10/01/20 12:12	10/02/20 16:15

Pace Analytical Services, LLC
3610 Park Central Blvd N
Pompano Beach, FL 33064
(954)582-4300

SAMPLE ANALYTE COUNT

Project: 040-01-06/Demo B704 SP1-Revised Report
Pace Project No.: 35582258

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
35582060016	**Demo B704 SP-1-A**	FL-PRO	BMC	3	PASI-O
		EPA 6010	CS2	5	PASI-O
		EPA 8270	TWB	39	PASI-O
		EPA 8260	JLR	70	PASI-O
		ASTM D2974-87	AS3	1	PASI-O
		SM 2540G	KDW	1	PAN
		EPA 9012B	SDL	1	PAN
35582060004	**Demo B704-SP-1-B**	FL-PRO	BMC	3	PASI-O
		EPA 6010	CS2	5	PASI-O
		EPA 8270	TWB	39	PASI-O
		EPA 8260	JLR	70	PASI-O
		ASTM D2974-87	AS3	1	PASI-O
		SM 2540G	KDW	1	PAN
		EPA 9012B	SDL	1	PAN
35582060002	**Demo B704-SP-1-C**	FL-PRO	BMC	3	PASI-O
		EPA 6010	CS2, MH1	5	PASI-O
		EPA 6010	CS2	1	PASI-O
		EPA 8270	TWB	39	PASI-O
		EPA 8260	JLR	70	PASI-O
		ASTM D2974-87	AS3	1	PASI-O
		SM 2540G	KDW	1	PAN
		EPA 9012B	SDL	1	PAN

PAN = Pace National - Mt. Juliet
PASI-O = Pace Analytical Services - Ormond Beach

Pace Analytical Services, LLC
3610 Park Central Blvd N
Pompano Beach, FL 33064
(954)582-4300

SUMMARY OF DETECTION

Project: 040-01-06/Demo B704 SP1-Revised Report
Pace Project No.: 35582258

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
35582060016	**Demo B704 SP-1-A**					
FL-PRO	Petroleum Range Organics	11.6	mg/kg	7.6	10/07/20 20:19	
EPA 6010	Arsenic	1.7	mg/kg	0.66	10/07/20 22:35	
EPA 6010	Cadmium	3.4	mg/kg	0.066	10/07/20 22:35	
EPA 6010	Chromium	16.4	mg/kg	0.33	10/07/20 22:35	
EPA 6010	Lead	48.8	mg/kg	0.66	10/07/20 22:35	
EPA 6010	Nickel	9.7	mg/kg	0.33	10/07/20 22:35	
EPA 8260	Acetone	0.079	mg/kg	0.012	10/06/20 04:51	
ASTM D2974-87	Percent Moisture	22.4	%	0.10	10/06/20 08:33	
SM 2540G	Total Solids	82.8	%		10/12/20 14:31	
35582060004	**Demo B704-SP-1-B**					
EPA 6010	Cadmium	3.2	mg/kg	0.064	10/07/20 20:58	
EPA 6010	Chromium	18.7	mg/kg	0.32	10/07/20 20:58	
EPA 6010	Lead	7.2	mg/kg	0.64	10/07/20 20:58	
EPA 6010	Nickel	3.7	mg/kg	0.32	10/07/20 20:58	
EPA 8270	Benzo(b)fluoranthene	0.013 I	mg/kg	0.037	10/06/20 15:02	
EPA 8260	Acetone	0.078	mg/kg	0.012	10/06/20 00:28	
ASTM D2974-87	Percent Moisture	8.2	%	0.10	10/05/20 15:17	
SM 2540G	Total Solids	90.6	%		10/12/20 14:31	
35582060002	**Demo B704-SP-1-C**					
EPA 6010	Arsenic	0.32 I	mg/kg	0.61	10/07/20 20:51	
EPA 6010	Cadmium	29.0	mg/kg	0.30	10/08/20 12:38	
EPA 6010	Chromium	7.6	mg/kg	0.30	10/07/20 20:51	
EPA 6010	Lead	22.4	mg/kg	0.61	10/07/20 20:51	
EPA 6010	Nickel	2.7	mg/kg	0.30	10/07/20 20:51	
EPA 6010	Cadmium	1.6	mg/L	0.010	11/04/20 14:50	
EPA 8270	Benzo(a)anthracene	0.012 I	mg/kg	0.036	10/06/20 14:11	
EPA 8270	Benzo(a)pyrene	0.012 I	mg/kg	0.036	10/06/20 14:11	
EPA 8270	Benzo(b)fluoranthene	0.014 I	mg/kg	0.036	10/06/20 14:11	
EPA 8270	Benzo(g,h,i)perylene	0.013 I	mg/kg	0.036	10/06/20 14:11	
EPA 8270	Indeno(1,2,3-cd)pyrene	0.0087 I	mg/kg	0.036	10/06/20 14:11	
EPA 8260	Acetone	0.060	mg/kg	0.011	10/05/20 23:22	J(M1),V
ASTM D2974-87	Percent Moisture	6.1	%	0.10	10/05/20 15:17	
SM 2540G	Total Solids	94.4	%		10/12/20 14:31	
EPA 9012B	Cyanide	0.164 I	mg/kg	0.265	10/14/20 16:44	I

Pace Analytical Services, LLC
3610 Park Central Blvd N
Pompano Beach, FL 33064
(954)582-4300

ANALYTICAL RESULTS

Project: 040-01-06/Demo B704 SP1-Revised Report
Pace Project No.: 35582258

Sample: Demo B704 SP-1-A **Lab ID: 35582060016** Collected: 10/01/20 12:00 Received: 10/02/20 16:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
FL-PRO Soil Microwave	Analytical Method: FL-PRO Preparation Method: EPA 3546 Pace Analytical Services - Ormond Beach								
Petroleum Range Organics	**11.6**	mg/kg	7.6	6.6	1	10/06/20 21:58	10/07/20 20:19		
Surrogates									
o-Terphenyl (S)	85	%	66-136		1	10/06/20 21:58	10/07/20 20:19	84-15-1	
N-Pentatriacontane (S)	76	%	42-159		1	10/06/20 21:58	10/07/20 20:19	630-07-09	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050 Pace Analytical Services - Ormond Beach								
Arsenic	**1.7**	mg/kg	0.66	0.33	1	10/07/20 08:51	10/07/20 22:35	7440-38-2	
Cadmium	**3.4**	mg/kg	0.066	0.033	1	10/07/20 08:51	10/07/20 22:35	7440-43-9	
Chromium	**16.4**	mg/kg	0.33	0.16	1	10/07/20 08:51	10/07/20 22:35	7440-47-3	
Lead	**48.8**	mg/kg	0.66	0.33	1	10/07/20 08:51	10/07/20 22:35	7439-92-1	
Nickel	**9.7**	mg/kg	0.33	0.16	1	10/07/20 08:51	10/07/20 22:35	7440-02-0	
8270 MSSV Full List Microwave	Analytical Method: EPA 8270 Preparation Method: EPA 3546 Pace Analytical Services - Ormond Beach								
1-Methylnaphthalene	**0.029 U**	mg/kg	0.086	0.029	1	10/05/20 23:30	10/07/20 16:48	90-12-0	P1
2,3,4,6-Tetrachlorophenol	**0.087 U**	mg/kg	0.73	0.087	1	10/05/20 23:30	10/07/20 16:48	58-90-2	P1
2,4,5-Trichlorophenol	**0.014 U**	mg/kg	0.37	0.014	1	10/05/20 23:30	10/07/20 16:48	95-95-4	P1
2,4,6-Trichlorophenol	**0.020 U**	mg/kg	0.37	0.020	1	10/05/20 23:30	10/07/20 16:48	88-06-2	P1
2,4-Dichlorophenol	**0.016 U**	mg/kg	0.37	0.016	1	10/05/20 23:30	10/07/20 16:48	120-83-2	P1
2,4-Dimethylphenol	**0.017 U**	mg/kg	0.37	0.017	1	10/05/20 23:30	10/07/20 16:48	105-67-9	P1
2,4-Dinitrophenol	**0.22 U**	mg/kg	1.4	0.22	1	10/05/20 23:30	10/07/20 16:48	51-28-5	J(v2),P1
2,6-Dichlorophenol	**0.013 U**	mg/kg	0.37	0.013	1	10/05/20 23:30	10/07/20 16:48	87-65-0	N2,P1
2-Methylnaphthalene	**0.028 U**	mg/kg	0.084	0.028	1	10/05/20 23:30	10/07/20 16:48	91-57-6	P1
2-Methylphenol(o-Cresol)	**0.018 U**	mg/kg	0.37	0.018	1	10/05/20 23:30	10/07/20 16:48	95-48-7	P1
2-Nitrophenol	**0.12 U**	mg/kg	0.37	0.12	1	10/05/20 23:30	10/07/20 16:48	88-75-5	P1
3&4-Methylphenol(m&p Cresol)	**0.017 U**	mg/kg	0.37	0.017	1	10/05/20 23:30	10/07/20 16:48		P1
4,6-Dinitro-2-methylphenol	**0.24 U**	mg/kg	1.4	0.24	1	10/05/20 23:30	10/07/20 16:48	534-52-1	P1
4-Chloro-3-methylphenol	**0.015 U**	mg/kg	1.4	0.015	1	10/05/20 23:30	10/07/20 16:48	59-50-7	P1
4-Nitrophenol	**0.16 U**	mg/kg	0.47	0.16	1	10/05/20 23:30	10/07/20 16:48	100-02-7	P1
Acenaphthene	**0.025 U**	mg/kg	0.078	0.025	1	10/05/20 23:30	10/07/20 16:48	83-32-9	P1
Acenaphthylene	**0.023 U**	mg/kg	0.073	0.023	1	10/05/20 23:30	10/07/20 16:48	208-96-8	P1
Anthracene	**0.026 U**	mg/kg	0.078	0.026	1	10/05/20 23:30	10/07/20 16:48	120-12-7	P1
Benzo(a)anthracene	**0.021 U**	mg/kg	0.073	0.021	1	10/05/20 23:30	10/07/20 16:48	56-55-3	P1
Benzo(a)pyrene	**0.018 U**	mg/kg	0.073	0.018	1	10/05/20 23:30	10/07/20 16:48	50-32-8	P1
Benzo(b)fluoranthene	**0.020 U**	mg/kg	0.073	0.020	1	10/05/20 23:30	10/07/20 16:48	205-99-2	P1
Benzo(g,h,i)perylene	**0.018 U**	mg/kg	0.073	0.018	1	10/05/20 23:30	10/07/20 16:48	191-24-2	P1
Benzo(k)fluoranthene	**0.020 U**	mg/kg	0.073	0.020	1	10/05/20 23:30	10/07/20 16:48	207-08-9	P1
Chrysene	**0.023 U**	mg/kg	0.073	0.023	1	10/05/20 23:30	10/07/20 16:48	218-01-9	P1
Dibenz(a,h)anthracene	**0.017 U**	mg/kg	0.073	0.017	1	10/05/20 23:30	10/07/20 16:48	53-70-3	P1
Fluoranthene	**0.024 U**	mg/kg	0.073	0.024	1	10/05/20 23:30	10/07/20 16:48	206-44-0	P1
Fluorene	**0.026 U**	mg/kg	0.080	0.026	1	10/05/20 23:30	10/07/20 16:48	86-73-7	P1
Indeno(1,2,3-cd)pyrene	**0.017 U**	mg/kg	0.073	0.017	1	10/05/20 23:30	10/07/20 16:48	193-39-5	P1
Naphthalene	**0.025 U**	mg/kg	0.076	0.025	1	10/05/20 23:30	10/07/20 16:48	91-20-3	P1

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
3610 Park Central Blvd N
Pompano Beach, FL 33064
(954)582-4300

ANALYTICAL RESULTS

Project: 040-01-06/Demo B704 SP1-Revised Report
Pace Project No.: 35582258

Sample: Demo B704 SP-1-A **Lab ID: 35582060016** Collected: 10/01/20 12:00 Received: 10/02/20 16:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Full List Microwave	Analytical Method: EPA 8270 Preparation Method: EPA 3546 Pace Analytical Services - Ormond Beach								
Pentachlorophenol	**0.19 U**	mg/kg	1.4	0.19	1	10/05/20 23:30	10/07/20 16:48	87-86-5	P1
Phenanthrene	**0.024 U**	mg/kg	0.073	0.024	1	10/05/20 23:30	10/07/20 16:48	85-01-8	P1
Phenol	**0.021 U**	mg/kg	0.37	0.021	1	10/05/20 23:30	10/07/20 16:48	108-95-2	P1
Pyrene	**0.023 U**	mg/kg	0.073	0.023	1	10/05/20 23:30	10/07/20 16:48	129-00-0	P1
Surrogates									
Nitrobenzene-d5 (S)	65	%	24-98		1	10/05/20 23:30	10/07/20 16:48	4165-60-0	
2-Fluorobiphenyl (S)	64	%	29-101		1	10/05/20 23:30	10/07/20 16:48	321-60-8	
p-Terphenyl-d14 (S)	58	%	29-112		1	10/05/20 23:30	10/07/20 16:48	1718-51-0	
Phenol-d5 (S)	71	%	10-104		1	10/05/20 23:30	10/07/20 16:48	4165-62-2	
2-Fluorophenol (S)	67	%	19-95		1	10/05/20 23:30	10/07/20 16:48	367-12-4	
2,4,6-Tribromophenol (S)	73	%	23-110		1	10/05/20 23:30	10/07/20 16:48	118-79-6	
8260 MSV 5035	Analytical Method: EPA 8260 Preparation Method: EPA 5035 Pace Analytical Services - Ormond Beach								
1,1,1,2-Tetrachloroethane	**0.0012 U**	mg/kg	0.0024	0.0012	1	10/05/20 20:02	10/06/20 04:51	630-20-6	
1,1,1-Trichloroethane	**0.0013 U**	mg/kg	0.0024	0.0013	1	10/05/20 20:02	10/06/20 04:51	71-55-6	
1,1,2,2-Tetrachloroethane	**0.0012 U**	mg/kg	0.0024	0.0012	1	10/05/20 20:02	10/06/20 04:51	79-34-5	
1,1,2-Trichloroethane	**0.0012 U**	mg/kg	0.0024	0.0012	1	10/05/20 20:02	10/06/20 04:51	79-00-5	
1,1-Dichloroethane	**0.0013 U**	mg/kg	0.0024	0.0013	1	10/05/20 20:02	10/06/20 04:51	75-34-3	J(v1)
1,1-Dichloroethene	**0.0012 U**	mg/kg	0.0024	0.0012	1	10/05/20 20:02	10/06/20 04:51	75-35-4	
1,1-Dichloropropene	**0.0012 U**	mg/kg	0.0024	0.0012	1	10/05/20 20:02	10/06/20 04:51	563-58-6	
1,2,3-Trichlorobenzene	**0.0012 U**	mg/kg	0.0024	0.0012	1	10/05/20 20:02	10/06/20 04:51	87-61-6	
1,2,3-Trichloropropane	**0.0012 U**	mg/kg	0.0024	0.0012	1	10/05/20 20:02	10/06/20 04:51	96-18-4	
1,2,3-Trimethylbenzene	**0.0012 U**	mg/kg	0.0024	0.0012	1	10/05/20 20:02	10/06/20 04:51	526-73-8	N2
1,2,4-Trichlorobenzene	**0.0012 U**	mg/kg	0.0024	0.0012	1	10/05/20 20:02	10/06/20 04:51	120-82-1	
1,2,4-Trimethylbenzene	**0.0014 U**	mg/kg	0.0024	0.0014	1	10/05/20 20:02	10/06/20 04:51	95-63-6	
1,2-Dichlorobenzene	**0.0012 U**	mg/kg	0.0024	0.0012	1	10/05/20 20:02	10/06/20 04:51	95-50-1	
1,2-Dichloroethane	**0.0012 U**	mg/kg	0.0024	0.0012	1	10/05/20 20:02	10/06/20 04:51	107-06-2	
1,2-Dichloropropane	**0.0012 U**	mg/kg	0.0024	0.0012	1	10/05/20 20:02	10/06/20 04:51	78-87-5	
1,3,5-Trimethylbenzene	**0.0014 U**	mg/kg	0.0024	0.0014	1	10/05/20 20:02	10/06/20 04:51	108-67-8	
1,3-Dichlorobenzene	**0.0012 U**	mg/kg	0.0024	0.0012	1	10/05/20 20:02	10/06/20 04:51	541-73-1	
1,3-Dichloropropane	**0.0012 U**	mg/kg	0.0024	0.0012	1	10/05/20 20:02	10/06/20 04:51	142-28-9	
1,4-Dichlorobenzene	**0.0012 U**	mg/kg	0.0024	0.0012	1	10/05/20 20:02	10/06/20 04:51	106-46-7	
2,2-Dichloropropane	**0.0013 U**	mg/kg	0.0024	0.0013	1	10/05/20 20:02	10/06/20 04:51	594-20-7	
2-Butanone (MEK)	**0.0024 U**	mg/kg	0.024	0.0024	1	10/05/20 20:02	10/06/20 04:51	78-93-3	
2-Chloroethylvinyl ether	**0.0049 U**	mg/kg	0.0098	0.0049	1	10/05/20 20:02	10/06/20 04:51	110-75-8	
2-Chlorotoluene	**0.0012 U**	mg/kg	0.0024	0.0012	1	10/05/20 20:02	10/06/20 04:51	95-49-8	
2-Hexanone	**0.0024 U**	mg/kg	0.012	0.0024	1	10/05/20 20:02	10/06/20 04:51	591-78-6	
4-Chlorotoluene	**0.0012 U**	mg/kg	0.0024	0.0012	1	10/05/20 20:02	10/06/20 04:51	106-43-4	
4-Methyl-2-pentanone (MIBK)	**0.0024 U**	mg/kg	0.012	0.0024	1	10/05/20 20:02	10/06/20 04:51	108-10-1	
Acetone	**0.079**	mg/kg	0.012	0.0049	1	10/05/20 20:02	10/06/20 04:51	67-64-1	
Acetonitrile	**0.012 U**	mg/kg	0.024	0.012	1	10/05/20 20:02	10/06/20 04:51	75-05-8	J(v1)
Benzene	**0.0012 U**	mg/kg	0.0024	0.0012	1	10/05/20 20:02	10/06/20 04:51	71-43-2	
Bromobenzene	**0.0012 U**	mg/kg	0.0024	0.0012	1	10/05/20 20:02	10/06/20 04:51	108-86-1	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
3610 Park Central Blvd N
Pompano Beach, FL 33064
(954)582-4300

ANALYTICAL RESULTS

Project: 040-01-06/Demo B704 SP1-Revised Report
Pace Project No.: 35582258

Sample: Demo B704 SP-1-A **Lab ID: 35582060016** Collected: 10/01/20 12:00 Received: 10/02/20 16:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035	Analytical Method: EPA 8260 Preparation Method: EPA 5035 Pace Analytical Services - Ormond Beach								
Bromochloromethane	**0.0012 U**	mg/kg	0.0024	0.0012	1	10/05/20 20:02	10/06/20 04:51	74-97-5	
Bromodichloromethane	**0.0012 U**	mg/kg	0.0024	0.0012	1	10/05/20 20:02	10/06/20 04:51	75-27-4	
Bromoform	**0.0012 U**	mg/kg	0.0024	0.0012	1	10/05/20 20:02	10/06/20 04:51	75-25-2	J(v2)
Bromomethane	**0.0012 U**	mg/kg	0.0024	0.0012	1	10/05/20 20:02	10/06/20 04:51	74-83-9	
Carbon disulfide	**0.0012 U**	mg/kg	0.0024	0.0012	1	10/05/20 20:02	10/06/20 04:51	75-15-0	
Carbon tetrachloride	**0.0012 U**	mg/kg	0.0024	0.0012	1	10/05/20 20:02	10/06/20 04:51	56-23-5	
Chlorobenzene	**0.0012 U**	mg/kg	0.0024	0.0012	1	10/05/20 20:02	10/06/20 04:51	108-90-7	
Chloroethane	**0.0018 U**	mg/kg	0.0024	0.0018	1	10/05/20 20:02	10/06/20 04:51	75-00-3	
Chloroform	**0.0014 U**	mg/kg	0.0024	0.0014	1	10/05/20 20:02	10/06/20 04:51	67-66-3	
Chloromethane	**0.0014 U**	mg/kg	0.0024	0.0014	1	10/05/20 20:02	10/06/20 04:51	74-87-3	
Dibromochloromethane	**0.0012 U**	mg/kg	0.0024	0.0012	1	10/05/20 20:02	10/06/20 04:51	124-48-1	
Dibromomethane	**0.0012 U**	mg/kg	0.0024	0.0012	1	10/05/20 20:02	10/06/20 04:51	74-95-3	
Dichlorodifluoromethane	**0.0013 U**	mg/kg	0.0024	0.0013	1	10/05/20 20:02	10/06/20 04:51	75-71-8	
Ethylbenzene	**0.0014 U**	mg/kg	0.0024	0.0014	1	10/05/20 20:02	10/06/20 04:51	100-41-4	
Iodomethane	**0.0024 U**	mg/kg	0.0049	0.0024	1	10/05/20 20:02	10/06/20 04:51	74-88-4	
Isopropylbenzene (Cumene)	**0.0014 U**	mg/kg	0.0024	0.0014	1	10/05/20 20:02	10/06/20 04:51	98-82-8	
Methyl-tert-butyl ether	**0.0012 U**	mg/kg	0.0024	0.0012	1	10/05/20 20:02	10/06/20 04:51	1634-04-4	
Methylene Chloride	**0.0012 U**	mg/kg	0.0024	0.0012	1	10/05/20 20:02	10/06/20 04:51	75-09-2	
Styrene	**0.0012 U**	mg/kg	0.0024	0.0012	1	10/05/20 20:02	10/06/20 04:51	100-42-5	
Tetrachloroethene	**0.0012 U**	mg/kg	0.0024	0.0012	1	10/05/20 20:02	10/06/20 04:51	127-18-4	
Toluene	**0.0013 U**	mg/kg	0.0024	0.0013	1	10/05/20 20:02	10/06/20 04:51	108-88-3	
Trichloroethene	**0.0014 U**	mg/kg	0.0024	0.0014	1	10/05/20 20:02	10/06/20 04:51	79-01-6	
Trichlorofluoromethane	**0.0013 U**	mg/kg	0.0024	0.0013	1	10/05/20 20:02	10/06/20 04:51	75-69-4	
Vinyl acetate	**0.0012 U**	mg/kg	0.0024	0.0012	1	10/05/20 20:02	10/06/20 04:51	108-05-4	
Vinyl chloride	**0.0013 U**	mg/kg	0.0024	0.0013	1	10/05/20 20:02	10/06/20 04:51	75-01-4	
Xylene (Total)	**0.0025 U**	mg/kg	0.0073	0.0025	1	10/05/20 20:02	10/06/20 04:51	1330-20-7	
cis-1,2-Dichloroethene	**0.0012 U**	mg/kg	0.0024	0.0012	1	10/05/20 20:02	10/06/20 04:51	156-59-2	
cis-1,3-Dichloropropene	**0.0012 U**	mg/kg	0.0024	0.0012	1	10/05/20 20:02	10/06/20 04:51	10061-01-5	
m&p-Xylene	**0.0025 U**	mg/kg	0.0049	0.0025	1	10/05/20 20:02	10/06/20 04:51	179601-23-1	
n-Butylbenzene	**0.0015 U**	mg/kg	0.0024	0.0015	1	10/05/20 20:02	10/06/20 04:51	104-51-8	
n-Propylbenzene	**0.0013 U**	mg/kg	0.0024	0.0013	1	10/05/20 20:02	10/06/20 04:51	103-65-1	
o-Xylene	**0.0013 U**	mg/kg	0.0024	0.0013	1	10/05/20 20:02	10/06/20 04:51	95-47-6	
p-Isopropyltoluene	**0.0015 U**	mg/kg	0.0024	0.0015	1	10/05/20 20:02	10/06/20 04:51	99-87-6	
sec-Butylbenzene	**0.0014 U**	mg/kg	0.0024	0.0014	1	10/05/20 20:02	10/06/20 04:51	135-98-8	
tert-Butylbenzene	**0.0014 U**	mg/kg	0.0024	0.0014	1	10/05/20 20:02	10/06/20 04:51	98-06-6	
trans-1,2-Dichloroethene	**0.0015 U**	mg/kg	0.0024	0.0015	1	10/05/20 20:02	10/06/20 04:51	156-60-5	
trans-1,3-Dichloropropene	**0.0012 U**	mg/kg	0.0024	0.0012	1	10/05/20 20:02	10/06/20 04:51	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	92	%	68-125		1	10/05/20 20:02	10/06/20 04:51	460-00-4	
Toluene-d8 (S)	104	%	70-130		1	10/05/20 20:02	10/06/20 04:51	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	103	%	70-130		1	10/05/20 20:02	10/06/20 04:51	2199-69-1	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
3610 Park Central Blvd N
Pompano Beach, FL 33064
(954)582-4300

ANALYTICAL RESULTS

Project: 040-01-06/Demo B704 SP1-Revised Report
Pace Project No.: 35582258

Sample: Demo B704 SP-1-A **Lab ID: 35582060016** Collected: 10/01/20 12:00 Received: 10/02/20 16:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Ormond Beach								
Percent Moisture	**22.4**	%	0.10	0.10	1		10/06/20 08:33		
Total Solids 2540 G-2011	Analytical Method: SM 2540G Preparation Method: SM 2540 G Pace National - Mt. Juliet								
Total Solids	**82.8**	%			1	10/12/20 14:22	10/12/20 14:31		
Wet Chemistry 9012B	Analytical Method: EPA 9012B Preparation Method: 9012B Pace National - Mt. Juliet								
Cyanide	**0.0885 U**	mg/kg	0.302	0.0885	1	10/13/20 23:53	10/14/20 16:46	57-12-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
3610 Park Central Blvd N
Pompano Beach, FL 33064
(954)582-4300

ANALYTICAL RESULTS

Project: 040-01-06/Demo B704 SP1-Revised Report
Pace Project No.: 35582258

Sample: Demo B704-SP-1-B **Lab ID: 35582060004** Collected: 10/01/20 12:07 Received: 10/02/20 16:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
FL-PRO Soil Microwave	Analytical Method: FL-PRO Preparation Method: EPA 3546 Pace Analytical Services - Ormond Beach								
Petroleum Range Organics	**5.5 U**	mg/kg	6.4	5.5	1	10/06/20 05:48	10/06/20 19:09		
Surrogates									
o-Terphenyl (S)	107	%	66-136		1	10/06/20 05:48	10/06/20 19:09	84-15-1	
N-Pentatriacontane (S)	104	%	42-159		1	10/06/20 05:48	10/06/20 19:09	630-07-09	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050 Pace Analytical Services - Ormond Beach								
Arsenic	**0.32 U**	mg/kg	0.64	0.32	1	10/07/20 08:14	10/07/20 20:58	7440-38-2	
Cadmium	**3.2**	mg/kg	0.064	0.032	1	10/07/20 08:14	10/07/20 20:58	7440-43-9	
Chromium	**18.7**	mg/kg	0.32	0.16	1	10/07/20 08:14	10/07/20 20:58	7440-47-3	
Lead	**7.2**	mg/kg	0.64	0.32	1	10/07/20 08:14	10/07/20 20:58	7439-92-1	
Nickel	**3.7**	mg/kg	0.32	0.16	1	10/07/20 08:14	10/07/20 20:58	7440-02-0	
8270 MSSV Full List Microwave	Analytical Method: EPA 8270 Preparation Method: EPA 3546 Pace Analytical Services - Ormond Beach								
1-Methylnaphthalene	**0.015 U**	mg/kg	0.044	0.015	1	10/05/20 23:30	10/06/20 15:02	90-12-0	
2,3,4,6-Tetrachlorophenol	**0.044 U**	mg/kg	0.37	0.044	1	10/05/20 23:30	10/06/20 15:02	58-90-2	
2,4,5-Trichlorophenol	**0.0073 U**	mg/kg	0.19	0.0073	1	10/05/20 23:30	10/06/20 15:02	95-95-4	
2,4,6-Trichlorophenol	**0.010 U**	mg/kg	0.19	0.010	1	10/05/20 23:30	10/06/20 15:02	88-06-2	
2,4-Dichlorophenol	**0.0082 U**	mg/kg	0.19	0.0082	1	10/05/20 23:30	10/06/20 15:02	120-83-2	
2,4-Dimethylphenol	**0.0084 U**	mg/kg	0.19	0.0084	1	10/05/20 23:30	10/06/20 15:02	105-67-9	
2,4-Dinitrophenol	**0.11 U**	mg/kg	0.73	0.11	1	10/05/20 23:30	10/06/20 15:02	51-28-5	J(v1)
2,6-Dichlorophenol	**0.0064 U**	mg/kg	0.19	0.0064	1	10/05/20 23:30	10/06/20 15:02	87-65-0	N2
2-Methylnaphthalene	**0.014 U**	mg/kg	0.043	0.014	1	10/05/20 23:30	10/06/20 15:02	91-57-6	
2-Methylphenol(o-Cresol)	**0.0089 U**	mg/kg	0.19	0.0089	1	10/05/20 23:30	10/06/20 15:02	95-48-7	
2-Nitrophenol	**0.059 U**	mg/kg	0.19	0.059	1	10/05/20 23:30	10/06/20 15:02	88-75-5	
3&4-Methylphenol(m&p Cresol)	**0.0084 U**	mg/kg	0.19	0.0084	1	10/05/20 23:30	10/06/20 15:02		
4,6-Dinitro-2-methylphenol	**0.12 U**	mg/kg	0.73	0.12	1	10/05/20 23:30	10/06/20 15:02	534-52-1	
4-Chloro-3-methylphenol	**0.0074 U**	mg/kg	0.73	0.0074	1	10/05/20 23:30	10/06/20 15:02	59-50-7	
4-Nitrophenol	**0.079 U**	mg/kg	0.24	0.079	1	10/05/20 23:30	10/06/20 15:02	100-02-7	
Acenaphthene	**0.013 U**	mg/kg	0.039	0.013	1	10/05/20 23:30	10/06/20 15:02	83-32-9	
Acenaphthylene	**0.012 U**	mg/kg	0.037	0.012	1	10/05/20 23:30	10/06/20 15:02	208-96-8	
Anthracene	**0.013 U**	mg/kg	0.039	0.013	1	10/05/20 23:30	10/06/20 15:02	120-12-7	
Benzo(a)anthracene	**0.011 U**	mg/kg	0.037	0.011	1	10/05/20 23:30	10/06/20 15:02	56-55-3	
Benzo(a)pyrene	**0.0092 U**	mg/kg	0.037	0.0092	1	10/05/20 23:30	10/06/20 15:02	50-32-8	
Benzo(b)fluoranthene	**0.013 I**	mg/kg	0.037	0.0099	1	10/05/20 23:30	10/06/20 15:02	205-99-2	
Benzo(g,h,i)perylene	**0.0093 U**	mg/kg	0.037	0.0093	1	10/05/20 23:30	10/06/20 15:02	191-24-2	
Benzo(k)fluoranthene	**0.0099 U**	mg/kg	0.037	0.0099	1	10/05/20 23:30	10/06/20 15:02	207-08-9	
Chrysene	**0.012 U**	mg/kg	0.037	0.012	1	10/05/20 23:30	10/06/20 15:02	218-01-9	
Dibenz(a,h)anthracene	**0.0085 U**	mg/kg	0.037	0.0085	1	10/05/20 23:30	10/06/20 15:02	53-70-3	
Fluoranthene	**0.012 U**	mg/kg	0.037	0.012	1	10/05/20 23:30	10/06/20 15:02	206-44-0	
Fluorene	**0.013 U**	mg/kg	0.041	0.013	1	10/05/20 23:30	10/06/20 15:02	86-73-7	
Indeno(1,2,3-cd)pyrene	**0.0085 U**	mg/kg	0.037	0.0085	1	10/05/20 23:30	10/06/20 15:02	193-39-5	
Naphthalene	**0.013 U**	mg/kg	0.038	0.013	1	10/05/20 23:30	10/06/20 15:02	91-20-3	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
3610 Park Central Blvd N
Pompano Beach, FL 33064
(954)582-4300

ANALYTICAL RESULTS

Project: 040-01-06/Demo B704 SP1-Revised Report
Pace Project No.: 35582258

Sample: Demo B704-SP-1-B **Lab ID: 35582060004** Collected: 10/01/20 12:07 Received: 10/02/20 16:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Full List Microwave	Analytical Method: EPA 8270 Preparation Method: EPA 3546 Pace Analytical Services - Ormond Beach								
Pentachlorophenol	**0.095 U**	mg/kg	0.73	0.095	1	10/05/20 23:30	10/06/20 15:02	87-86-5	
Phenanthrene	**0.012 U**	mg/kg	0.037	0.012	1	10/05/20 23:30	10/06/20 15:02	85-01-8	
Phenol	**0.010 U**	mg/kg	0.19	0.010	1	10/05/20 23:30	10/06/20 15:02	108-95-2	
Pyrene	**0.012 U**	mg/kg	0.037	0.012	1	10/05/20 23:30	10/06/20 15:02	129-00-0	
Surrogates									
Nitrobenzene-d5 (S)	73	%	24-98		1	10/05/20 23:30	10/06/20 15:02	4165-60-0	
2-Fluorobiphenyl (S)	70	%	29-101		1	10/05/20 23:30	10/06/20 15:02	321-60-8	
p-Terphenyl-d14 (S)	97	%	29-112		1	10/05/20 23:30	10/06/20 15:02	1718-51-0	
Phenol-d5 (S)	70	%	10-104		1	10/05/20 23:30	10/06/20 15:02	4165-62-2	
2-Fluorophenol (S)	66	%	19-95		1	10/05/20 23:30	10/06/20 15:02	367-12-4	
2,4,6-Tribromophenol (S)	90	%	23-110		1	10/05/20 23:30	10/06/20 15:02	118-79-6	
8260 MSV 5035	Analytical Method: EPA 8260 Preparation Method: EPA 5035 Pace Analytical Services - Ormond Beach								
1,1,1,2-Tetrachloroethane	**0.0012 U**	mg/kg	0.0025	0.0012	1	10/05/20 20:02	10/06/20 00:28	630-20-6	
1,1,1-Trichloroethane	**0.0014 U**	mg/kg	0.0025	0.0014	1	10/05/20 20:02	10/06/20 00:28	71-55-6	
1,1,2,2-Tetrachloroethane	**0.0012 U**	mg/kg	0.0025	0.0012	1	10/05/20 20:02	10/06/20 00:28	79-34-5	
1,1,2-Trichloroethane	**0.0012 U**	mg/kg	0.0025	0.0012	1	10/05/20 20:02	10/06/20 00:28	79-00-5	
1,1-Dichloroethane	**0.0014 U**	mg/kg	0.0025	0.0014	1	10/05/20 20:02	10/06/20 00:28	75-34-3	J(v1)
1,1-Dichloroethene	**0.0012 U**	mg/kg	0.0025	0.0012	1	10/05/20 20:02	10/06/20 00:28	75-35-4	
1,1-Dichloropropene	**0.0013 U**	mg/kg	0.0025	0.0013	1	10/05/20 20:02	10/06/20 00:28	563-58-6	
1,2,3-Trichlorobenzene	**0.0012 U**	mg/kg	0.0025	0.0012	1	10/05/20 20:02	10/06/20 00:28	87-61-6	
1,2,3-Trichloropropane	**0.0012 U**	mg/kg	0.0025	0.0012	1	10/05/20 20:02	10/06/20 00:28	96-18-4	
1,2,3-Trimethylbenzene	**0.0012 U**	mg/kg	0.0025	0.0012	1	10/05/20 20:02	10/06/20 00:28	526-73-8	N2
1,2,4-Trichlorobenzene	**0.0012 U**	mg/kg	0.0025	0.0012	1	10/05/20 20:02	10/06/20 00:28	120-82-1	
1,2,4-Trimethylbenzene	**0.0014 U**	mg/kg	0.0025	0.0014	1	10/05/20 20:02	10/06/20 00:28	95-63-6	
1,2-Dichlorobenzene	**0.0012 U**	mg/kg	0.0025	0.0012	1	10/05/20 20:02	10/06/20 00:28	95-50-1	
1,2-Dichloroethane	**0.0012 U**	mg/kg	0.0025	0.0012	1	10/05/20 20:02	10/06/20 00:28	107-06-2	
1,2-Dichloropropane	**0.0012 U**	mg/kg	0.0025	0.0012	1	10/05/20 20:02	10/06/20 00:28	78-87-5	
1,3,5-Trimethylbenzene	**0.0014 U**	mg/kg	0.0025	0.0014	1	10/05/20 20:02	10/06/20 00:28	108-67-8	
1,3-Dichlorobenzene	**0.0012 U**	mg/kg	0.0025	0.0012	1	10/05/20 20:02	10/06/20 00:28	541-73-1	
1,3-Dichloropropane	**0.0012 U**	mg/kg	0.0025	0.0012	1	10/05/20 20:02	10/06/20 00:28	142-28-9	
1,4-Dichlorobenzene	**0.0012 U**	mg/kg	0.0025	0.0012	1	10/05/20 20:02	10/06/20 00:28	106-46-7	
2,2-Dichloropropane	**0.0013 U**	mg/kg	0.0025	0.0013	1	10/05/20 20:02	10/06/20 00:28	594-20-7	
2-Butanone (MEK)	**0.0025 U**	mg/kg	0.025	0.0025	1	10/05/20 20:02	10/06/20 00:28	78-93-3	
2-Chloroethylvinyl ether	**0.0050 U**	mg/kg	0.010	0.0050	1	10/05/20 20:02	10/06/20 00:28	110-75-8	
2-Chlorotoluene	**0.0013 U**	mg/kg	0.0025	0.0013	1	10/05/20 20:02	10/06/20 00:28	95-49-8	
2-Hexanone	**0.0025 U**	mg/kg	0.012	0.0025	1	10/05/20 20:02	10/06/20 00:28	591-78-6	
4-Chlorotoluene	**0.0012 U**	mg/kg	0.0025	0.0012	1	10/05/20 20:02	10/06/20 00:28	106-43-4	
4-Methyl-2-pentanone (MIBK)	**0.0025 U**	mg/kg	0.012	0.0025	1	10/05/20 20:02	10/06/20 00:28	108-10-1	
Acetone	**0.078**	mg/kg	0.012	0.0050	1	10/05/20 20:02	10/06/20 00:28	67-64-1	
Acetonitrile	**0.012 U**	mg/kg	0.025	0.012	1	10/05/20 20:02	10/06/20 00:28	75-05-8	J(v1)
Benzene	**0.0013 U**	mg/kg	0.0025	0.0013	1	10/05/20 20:02	10/06/20 00:28	71-43-2	
Bromobenzene	**0.0012 U**	mg/kg	0.0025	0.0012	1	10/05/20 20:02	10/06/20 00:28	108-86-1	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
3610 Park Central Blvd N
Pompano Beach, FL 33064
(954)582-4300

ANALYTICAL RESULTS

Project: 040-01-06/Demo B704 SP1-Revised Report
Pace Project No.: 35582258

Sample: Demo B704-SP-1-B **Lab ID: 35582060004** Collected: 10/01/20 12:07 Received: 10/02/20 16:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035	Analytical Method: EPA 8260 Preparation Method: EPA 5035 Pace Analytical Services - Ormond Beach								
Bromochloromethane	**0.0012 U**	mg/kg	0.0025	0.0012	1	10/05/20 20:02	10/06/20 00:28	74-97-5	
Bromodichloromethane	**0.0012 U**	mg/kg	0.0025	0.0012	1	10/05/20 20:02	10/06/20 00:28	75-27-4	
Bromoform	**0.0012 U**	mg/kg	0.0025	0.0012	1	10/05/20 20:02	10/06/20 00:28	75-25-2	J(v2)
Bromomethane	**0.0012 U**	mg/kg	0.0025	0.0012	1	10/05/20 20:02	10/06/20 00:28	74-83-9	
Carbon disulfide	**0.0012 U**	mg/kg	0.0025	0.0012	1	10/05/20 20:02	10/06/20 00:28	75-15-0	
Carbon tetrachloride	**0.0012 U**	mg/kg	0.0025	0.0012	1	10/05/20 20:02	10/06/20 00:28	56-23-5	
Chlorobenzene	**0.0012 U**	mg/kg	0.0025	0.0012	1	10/05/20 20:02	10/06/20 00:28	108-90-7	
Chloroethane	**0.0018 U**	mg/kg	0.0025	0.0018	1	10/05/20 20:02	10/06/20 00:28	75-00-3	
Chloroform	**0.0015 U**	mg/kg	0.0025	0.0015	1	10/05/20 20:02	10/06/20 00:28	67-66-3	
Chloromethane	**0.0014 U**	mg/kg	0.0025	0.0014	1	10/05/20 20:02	10/06/20 00:28	74-87-3	
Dibromochloromethane	**0.0012 U**	mg/kg	0.0025	0.0012	1	10/05/20 20:02	10/06/20 00:28	124-48-1	
Dibromomethane	**0.0012 U**	mg/kg	0.0025	0.0012	1	10/05/20 20:02	10/06/20 00:28	74-95-3	
Dichlorodifluoromethane	**0.0013 U**	mg/kg	0.0025	0.0013	1	10/05/20 20:02	10/06/20 00:28	75-71-8	
Ethylbenzene	**0.0014 U**	mg/kg	0.0025	0.0014	1	10/05/20 20:02	10/06/20 00:28	100-41-4	
Iodomethane	**0.0025 U**	mg/kg	0.0050	0.0025	1	10/05/20 20:02	10/06/20 00:28	74-88-4	
Isopropylbenzene (Cumene)	**0.0014 U**	mg/kg	0.0025	0.0014	1	10/05/20 20:02	10/06/20 00:28	98-82-8	
Methyl-tert-butyl ether	**0.0012 U**	mg/kg	0.0025	0.0012	1	10/05/20 20:02	10/06/20 00:28	1634-04-4	
Methylene Chloride	**0.0012 U**	mg/kg	0.0025	0.0012	1	10/05/20 20:02	10/06/20 00:28	75-09-2	
Styrene	**0.0012 U**	mg/kg	0.0025	0.0012	1	10/05/20 20:02	10/06/20 00:28	100-42-5	
Tetrachloroethene	**0.0012 U**	mg/kg	0.0025	0.0012	1	10/05/20 20:02	10/06/20 00:28	127-18-4	
Toluene	**0.0013 U**	mg/kg	0.0025	0.0013	1	10/05/20 20:02	10/06/20 00:28	108-88-3	
Trichloroethene	**0.0014 U**	mg/kg	0.0025	0.0014	1	10/05/20 20:02	10/06/20 00:28	79-01-6	
Trichlorofluoromethane	**0.0014 U**	mg/kg	0.0025	0.0014	1	10/05/20 20:02	10/06/20 00:28	75-69-4	
Vinyl acetate	**0.0013 U**	mg/kg	0.0025	0.0013	1	10/05/20 20:02	10/06/20 00:28	108-05-4	
Vinyl chloride	**0.0013 U**	mg/kg	0.0025	0.0013	1	10/05/20 20:02	10/06/20 00:28	75-01-4	
Xylene (Total)	**0.0026 U**	mg/kg	0.0075	0.0026	1	10/05/20 20:02	10/06/20 00:28	1330-20-7	
cis-1,2-Dichloroethene	**0.0012 U**	mg/kg	0.0025	0.0012	1	10/05/20 20:02	10/06/20 00:28	156-59-2	
cis-1,3-Dichloropropene	**0.0012 U**	mg/kg	0.0025	0.0012	1	10/05/20 20:02	10/06/20 00:28	10061-01-5	
m&p-Xylene	**0.0026 U**	mg/kg	0.0050	0.0026	1	10/05/20 20:02	10/06/20 00:28	179601-23-1	
n-Butylbenzene	**0.0015 U**	mg/kg	0.0025	0.0015	1	10/05/20 20:02	10/06/20 00:28	104-51-8	
n-Propylbenzene	**0.0013 U**	mg/kg	0.0025	0.0013	1	10/05/20 20:02	10/06/20 00:28	103-65-1	
o-Xylene	**0.0013 U**	mg/kg	0.0025	0.0013	1	10/05/20 20:02	10/06/20 00:28	95-47-6	
p-Isopropyltoluene	**0.0015 U**	mg/kg	0.0025	0.0015	1	10/05/20 20:02	10/06/20 00:28	99-87-6	
sec-Butylbenzene	**0.0014 U**	mg/kg	0.0025	0.0014	1	10/05/20 20:02	10/06/20 00:28	135-98-8	
tert-Butylbenzene	**0.0014 U**	mg/kg	0.0025	0.0014	1	10/05/20 20:02	10/06/20 00:28	98-06-6	
trans-1,2-Dichloroethene	**0.0015 U**	mg/kg	0.0025	0.0015	1	10/05/20 20:02	10/06/20 00:28	156-60-5	
trans-1,3-Dichloropropene	**0.0012 U**	mg/kg	0.0025	0.0012	1	10/05/20 20:02	10/06/20 00:28	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	98	%	68-125		1	10/05/20 20:02	10/06/20 00:28	460-00-4	
Toluene-d8 (S)	105	%	70-130		1	10/05/20 20:02	10/06/20 00:28	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	97	%	70-130		1	10/05/20 20:02	10/06/20 00:28	2199-69-1	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
3610 Park Central Blvd N
Pompano Beach, FL 33064
(954)582-4300

ANALYTICAL RESULTS

Project: 040-01-06/Demo B704 SP1-Revised Report
Pace Project No.: 35582258

Sample: Demo B704-SP-1-B **Lab ID: 35582060004** Collected: 10/01/20 12:07 Received: 10/02/20 16:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Ormond Beach								
Percent Moisture	**8.2**	%	0.10	0.10	1		10/05/20 15:17		
Total Solids 2540 G-2011	Analytical Method: SM 2540G Preparation Method: SM 2540 G Pace National - Mt. Juliet								
Total Solids	**90.6**	%			1	10/12/20 14:22	10/12/20 14:31		
Wet Chemistry 9012B	Analytical Method: EPA 9012B Preparation Method: 9012B Pace National - Mt. Juliet								
Cyanide	**0.0809 U**	mg/kg	0.276	0.0809	1	10/13/20 23:53	10/14/20 16:45	57-12-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
3610 Park Central Blvd N
Pompano Beach, FL 33064
(954)582-4300

ANALYTICAL RESULTS

Project: 040-01-06/Demo B704 SP1-Revised Report
Pace Project No.: 35582258

Sample: Demo B704-SP-1-C **Lab ID: 35582060002** Collected: 10/01/20 12:12 Received: 10/02/20 16:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
FL-PRO Soil Microwave	Analytical Method: FL-PRO Preparation Method: EPA 3546 Pace Analytical Services - Ormond Beach								
Petroleum Range Organics	**5.4 U**	mg/kg	6.3	5.4	1	10/06/20 05:48	10/07/20 11:42		
Surrogates									
o-Terphenyl (S)	110	%	66-136		1	10/06/20 05:48	10/07/20 11:42	84-15-1	
N-Pentatriacontane (S)	108	%	42-159		1	10/06/20 05:48	10/07/20 11:42	630-07-09	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050 Pace Analytical Services - Ormond Beach								
Arsenic	**0.32 I**	mg/kg	0.61	0.30	1	10/07/20 08:14	10/07/20 20:51	7440-38-2	
Cadmium	**29.0**	mg/kg	0.30	0.15	5	10/07/20 08:14	10/08/20 12:38	7440-43-9	
Chromium	**7.6**	mg/kg	0.30	0.15	1	10/07/20 08:14	10/07/20 20:51	7440-47-3	
Lead	**22.4**	mg/kg	0.61	0.30	1	10/07/20 08:14	10/07/20 20:51	7439-92-1	
Nickel	**2.7**	mg/kg	0.30	0.15	1	10/07/20 08:14	10/07/20 20:51	7440-02-0	
6010 MET ICP, TCLP	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Leachate Method/Date: EPA 1311; 11/02/20 11:26 Pace Analytical Services - Ormond Beach								
Cadmium	**1.6**	mg/L	0.010	0.0033	1	11/04/20 11:03	11/04/20 14:50	7440-43-9	
8270 MSSV Full List Microwave	Analytical Method: EPA 8270 Preparation Method: EPA 3546 Pace Analytical Services - Ormond Beach								
1-Methylnaphthalene	**0.014 U**	mg/kg	0.043	0.014	1	10/05/20 23:30	10/06/20 14:11	90-12-0	
2,3,4,6-Tetrachlorophenol	**0.043 U**	mg/kg	0.36	0.043	1	10/05/20 23:30	10/06/20 14:11	58-90-2	
2,4,5-Trichlorophenol	**0.0072 U**	mg/kg	0.18	0.0072	1	10/05/20 23:30	10/06/20 14:11	95-95-4	
2,4,6-Trichlorophenol	**0.0098 U**	mg/kg	0.18	0.0098	1	10/05/20 23:30	10/06/20 14:11	88-06-2	
2,4-Dichlorophenol	**0.0080 U**	mg/kg	0.18	0.0080	1	10/05/20 23:30	10/06/20 14:11	120-83-2	
2,4-Dimethylphenol	**0.0082 U**	mg/kg	0.18	0.0082	1	10/05/20 23:30	10/06/20 14:11	105-67-9	
2,4-Dinitrophenol	**0.11 U**	mg/kg	0.72	0.11	1	10/05/20 23:30	10/06/20 14:11	51-28-5	J(v1)
2,6-Dichlorophenol	**0.0062 U**	mg/kg	0.18	0.0062	1	10/05/20 23:30	10/06/20 14:11	87-65-0	N2
2-Methylnaphthalene	**0.014 U**	mg/kg	0.042	0.014	1	10/05/20 23:30	10/06/20 14:11	91-57-6	
2-Methylphenol(o-Cresol)	**0.0087 U**	mg/kg	0.18	0.0087	1	10/05/20 23:30	10/06/20 14:11	95-48-7	
2-Nitrophenol	**0.058 U**	mg/kg	0.18	0.058	1	10/05/20 23:30	10/06/20 14:11	88-75-5	
3&4-Methylphenol(m&p Cresol)	**0.0083 U**	mg/kg	0.18	0.0083	1	10/05/20 23:30	10/06/20 14:11		
4,6-Dinitro-2-methylphenol	**0.12 U**	mg/kg	0.72	0.12	1	10/05/20 23:30	10/06/20 14:11	534-52-1	
4-Chloro-3-methylphenol	**0.0072 U**	mg/kg	0.72	0.0072	1	10/05/20 23:30	10/06/20 14:11	59-50-7	
4-Nitrophenol	**0.078 U**	mg/kg	0.23	0.078	1	10/05/20 23:30	10/06/20 14:11	100-02-7	
Acenaphthene	**0.013 U**	mg/kg	0.039	0.013	1	10/05/20 23:30	10/06/20 14:11	83-32-9	
Acenaphthylene	**0.011 U**	mg/kg	0.036	0.011	1	10/05/20 23:30	10/06/20 14:11	208-96-8	
Anthracene	**0.013 U**	mg/kg	0.039	0.013	1	10/05/20 23:30	10/06/20 14:11	120-12-7	
Benzo(a)anthracene	**0.012 I**	mg/kg	0.036	0.010	1	10/05/20 23:30	10/06/20 14:11	56-55-3	
Benzo(a)pyrene	**0.012 I**	mg/kg	0.036	0.0090	1	10/05/20 23:30	10/06/20 14:11	50-32-8	
Benzo(b)fluoranthene	**0.014 I**	mg/kg	0.036	0.0097	1	10/05/20 23:30	10/06/20 14:11	205-99-2	
Benzo(g,h,i)perylene	**0.013 I**	mg/kg	0.036	0.0091	1	10/05/20 23:30	10/06/20 14:11	191-24-2	
Benzo(k)fluoranthene	**0.0097 U**	mg/kg	0.036	0.0097	1	10/05/20 23:30	10/06/20 14:11	207-08-9	
Chrysene	**0.011 U**	mg/kg	0.036	0.011	1	10/05/20 23:30	10/06/20 14:11	218-01-9	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
3610 Park Central Blvd N
Pompano Beach, FL 33064
(954)582-4300

ANALYTICAL RESULTS

Project: 040-01-06/Demo B704 SP1-Revised Report
Pace Project No.: 35582258

Sample: Demo B704-SP-1-C **Lab ID: 35582060002** Collected: 10/01/20 12:12 Received: 10/02/20 16:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Full List Microwave	Analytical Method: EPA 8270 Preparation Method: EPA 3546 Pace Analytical Services - Ormond Beach								
Dibenz(a,h)anthracene	**0.0083 U**	mg/kg	0.036	0.0083	1	10/05/20 23:30	10/06/20 14:11	53-70-3	
Fluoranthene	**0.012 U**	mg/kg	0.036	0.012	1	10/05/20 23:30	10/06/20 14:11	206-44-0	
Fluorene	**0.013 U**	mg/kg	0.040	0.013	1	10/05/20 23:30	10/06/20 14:11	86-73-7	
Indeno(1,2,3-cd)pyrene	**0.0087 I**	mg/kg	0.036	0.0083	1	10/05/20 23:30	10/06/20 14:11	193-39-5	
Naphthalene	**0.012 U**	mg/kg	0.037	0.012	1	10/05/20 23:30	10/06/20 14:11	91-20-3	
Pentachlorophenol	**0.093 U**	mg/kg	0.72	0.093	1	10/05/20 23:30	10/06/20 14:11	87-86-5	
Phenanthrene	**0.012 U**	mg/kg	0.036	0.012	1	10/05/20 23:30	10/06/20 14:11	85-01-8	
Phenol	**0.010 U**	mg/kg	0.18	0.010	1	10/05/20 23:30	10/06/20 14:11	108-95-2	
Pyrene	**0.011 U**	mg/kg	0.036	0.011	1	10/05/20 23:30	10/06/20 14:11	129-00-0	
Surrogates									
Nitrobenzene-d5 (S)	74	%	24-98		1	10/05/20 23:30	10/06/20 14:11	4165-60-0	
2-Fluorobiphenyl (S)	73	%	29-101		1	10/05/20 23:30	10/06/20 14:11	321-60-8	
p-Terphenyl-d14 (S)	96	%	29-112		1	10/05/20 23:30	10/06/20 14:11	1718-51-0	
Phenol-d5 (S)	74	%	10-104		1	10/05/20 23:30	10/06/20 14:11	4165-62-2	
2-Fluorophenol (S)	69	%	19-95		1	10/05/20 23:30	10/06/20 14:11	367-12-4	
2,4,6-Tribromophenol (S)	91	%	23-110		1	10/05/20 23:30	10/06/20 14:11	118-79-6	
8260 MSV 5035	Analytical Method: EPA 8260 Preparation Method: EPA 5035 Pace Analytical Services - Ormond Beach								
1,1,1,2-Tetrachloroethane	**0.0011 U**	mg/kg	0.0023	0.0011	1	10/05/20 20:02	10/05/20 23:22	630-20-6	
1,1,1-Trichloroethane	**0.0012 U**	mg/kg	0.0023	0.0012	1	10/05/20 20:02	10/05/20 23:22	71-55-6	J(M1)
1,1,2,2-Tetrachloroethane	**0.0011 U**	mg/kg	0.0023	0.0011	1	10/05/20 20:02	10/05/20 23:22	79-34-5	J(M1)
1,1,2-Trichloroethane	**0.0011 U**	mg/kg	0.0023	0.0011	1	10/05/20 20:02	10/05/20 23:22	79-00-5	J(M1)
1,1-Dichloroethane	**0.0012 U**	mg/kg	0.0023	0.0012	1	10/05/20 20:02	10/05/20 23:22	75-34-3	J(M1), J(v1)
1,1-Dichloroethene	**0.0011 U**	mg/kg	0.0023	0.0011	1	10/05/20 20:02	10/05/20 23:22	75-35-4	J(M1)
1,1-Dichloropropene	**0.0012 U**	mg/kg	0.0023	0.0012	1	10/05/20 20:02	10/05/20 23:22	563-58-6	J(M1)
1,2,3-Trichlorobenzene	**0.0011 U**	mg/kg	0.0023	0.0011	1	10/05/20 20:02	10/05/20 23:22	87-61-6	
1,2,3-Trichloropropane	**0.0011 U**	mg/kg	0.0023	0.0011	1	10/05/20 20:02	10/05/20 23:22	96-18-4	
1,2,3-Trimethylbenzene	**0.0011 U**	mg/kg	0.0023	0.0011	1	10/05/20 20:02	10/05/20 23:22	526-73-8	N2
1,2,4-Trichlorobenzene	**0.0011 U**	mg/kg	0.0023	0.0011	1	10/05/20 20:02	10/05/20 23:22	120-82-1	
1,2,4-Trimethylbenzene	**0.0013 U**	mg/kg	0.0023	0.0013	1	10/05/20 20:02	10/05/20 23:22	95-63-6	
1,2-Dichlorobenzene	**0.0011 U**	mg/kg	0.0023	0.0011	1	10/05/20 20:02	10/05/20 23:22	95-50-1	
1,2-Dichloroethane	**0.0011 U**	mg/kg	0.0023	0.0011	1	10/05/20 20:02	10/05/20 23:22	107-06-2	J(M1)
1,2-Dichloropropane	**0.0011 U**	mg/kg	0.0023	0.0011	1	10/05/20 20:02	10/05/20 23:22	78-87-5	J(M1)
1,3,5-Trimethylbenzene	**0.0013 U**	mg/kg	0.0023	0.0013	1	10/05/20 20:02	10/05/20 23:22	108-67-8	
1,3-Dichlorobenzene	**0.0011 U**	mg/kg	0.0023	0.0011	1	10/05/20 20:02	10/05/20 23:22	541-73-1	
1,3-Dichloropropane	**0.0011 U**	mg/kg	0.0023	0.0011	1	10/05/20 20:02	10/05/20 23:22	142-28-9	J(M1)
1,4-Dichlorobenzene	**0.0011 U**	mg/kg	0.0023	0.0011	1	10/05/20 20:02	10/05/20 23:22	106-46-7	
2,2-Dichloropropane	**0.0012 U**	mg/kg	0.0023	0.0012	1	10/05/20 20:02	10/05/20 23:22	594-20-7	J(M1)
2-Butanone (MEK)	**0.0023 U**	mg/kg	0.023	0.0023	1	10/05/20 20:02	10/05/20 23:22	78-93-3	J(M1)
2-Chloroethylvinyl ether	**0.0046 U**	mg/kg	0.0091	0.0046	1	10/05/20 20:02	10/05/20 23:22	110-75-8	
2-Chlorotoluene	**0.0011 U**	mg/kg	0.0023	0.0011	1	10/05/20 20:02	10/05/20 23:22	95-49-8	
2-Hexanone	**0.0023 U**	mg/kg	0.011	0.0023	1	10/05/20 20:02	10/05/20 23:22	591-78-6	J(M1)

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
3610 Park Central Blvd N
Pompano Beach, FL 33064
(954)582-4300

ANALYTICAL RESULTS

Project: 040-01-06/Demo B704 SP1-Revised Report
Pace Project No.: 35582258

Sample: Demo B704-SP-1-C **Lab ID: 35582060002** Collected: 10/01/20 12:12 Received: 10/02/20 16:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035	Analytical Method: EPA 8260 Preparation Method: EPA 5035 Pace Analytical Services - Ormond Beach								
4-Chlorotoluene	**0.0011 U**	mg/kg	0.0023	0.0011	1	10/05/20 20:02	10/05/20 23:22	106-43-4	
4-Methyl-2-pentanone (MIBK)	**0.0023 U**	mg/kg	0.011	0.0023	1	10/05/20 20:02	10/05/20 23:22	108-10-1	J(M1)
Acetone	**0.060**	mg/kg	0.011	0.0046	1	10/05/20 20:02	10/05/20 23:22	67-64-1	J(M1),V
Acetonitrile	**0.011 U**	mg/kg	0.023	0.011	1	10/05/20 20:02	10/05/20 23:22	75-05-8	J(M1), J(v1)
Benzene	**0.0012 U**	mg/kg	0.0023	0.0012	1	10/05/20 20:02	10/05/20 23:22	71-43-2	J(M1)
Bromobenzene	**0.0011 U**	mg/kg	0.0023	0.0011	1	10/05/20 20:02	10/05/20 23:22	108-86-1	
Bromochloromethane	**0.0011 U**	mg/kg	0.0023	0.0011	1	10/05/20 20:02	10/05/20 23:22	74-97-5	J(M1)
Bromodichloromethane	**0.0011 U**	mg/kg	0.0023	0.0011	1	10/05/20 20:02	10/05/20 23:22	75-27-4	
Bromoform	**0.0011 U**	mg/kg	0.0023	0.0011	1	10/05/20 20:02	10/05/20 23:22	75-25-2	J(v2)
Bromomethane	**0.0011 U**	mg/kg	0.0023	0.0011	1	10/05/20 20:02	10/05/20 23:22	74-83-9	J(M1)
Carbon disulfide	**0.0011 U**	mg/kg	0.0023	0.0011	1	10/05/20 20:02	10/05/20 23:22	75-15-0	J(M1)
Carbon tetrachloride	**0.0011 U**	mg/kg	0.0023	0.0011	1	10/05/20 20:02	10/05/20 23:22	56-23-5	
Chlorobenzene	**0.0011 U**	mg/kg	0.0023	0.0011	1	10/05/20 20:02	10/05/20 23:22	108-90-7	J(M1)
Chloroethane	**0.0016 U**	mg/kg	0.0023	0.0016	1	10/05/20 20:02	10/05/20 23:22	75-00-3	
Chloroform	**0.0013 U**	mg/kg	0.0023	0.0013	1	10/05/20 20:02	10/05/20 23:22	67-66-3	J(M1)
Chloromethane	**0.0013 U**	mg/kg	0.0023	0.0013	1	10/05/20 20:02	10/05/20 23:22	74-87-3	J(M1)
Dibromochloromethane	**0.0011 U**	mg/kg	0.0023	0.0011	1	10/05/20 20:02	10/05/20 23:22	124-48-1	
Dibromomethane	**0.0011 U**	mg/kg	0.0023	0.0011	1	10/05/20 20:02	10/05/20 23:22	74-95-3	J(M1)
Dichlorodifluoromethane	**0.0012 U**	mg/kg	0.0023	0.0012	1	10/05/20 20:02	10/05/20 23:22	75-71-8	J(M1)
Ethylbenzene	**0.0013 U**	mg/kg	0.0023	0.0013	1	10/05/20 20:02	10/05/20 23:22	100-41-4	J(M1)
Iodomethane	**0.0023 U**	mg/kg	0.0046	0.0023	1	10/05/20 20:02	10/05/20 23:22	74-88-4	J(M1)
Isopropylbenzene (Cumene)	**0.0013 U**	mg/kg	0.0023	0.0013	1	10/05/20 20:02	10/05/20 23:22	98-82-8	
Methyl-tert-butyl ether	**0.0011 U**	mg/kg	0.0023	0.0011	1	10/05/20 20:02	10/05/20 23:22	1634-04-4	J(M1)
Methylene Chloride	**0.0011 U**	mg/kg	0.0023	0.0011	1	10/05/20 20:02	10/05/20 23:22	75-09-2	
Styrene	**0.0011 U**	mg/kg	0.0023	0.0011	1	10/05/20 20:02	10/05/20 23:22	100-42-5	
Tetrachloroethene	**0.0011 U**	mg/kg	0.0023	0.0011	1	10/05/20 20:02	10/05/20 23:22	127-18-4	J(M1)
Toluene	**0.0012 U**	mg/kg	0.0023	0.0012	1	10/05/20 20:02	10/05/20 23:22	108-88-3	J(M1)
Trichloroethene	**0.0013 U**	mg/kg	0.0023	0.0013	1	10/05/20 20:02	10/05/20 23:22	79-01-6	J(M1)
Trichlorofluoromethane	**0.0012 U**	mg/kg	0.0023	0.0012	1	10/05/20 20:02	10/05/20 23:22	75-69-4	J(M1)
Vinyl acetate	**0.0011 U**	mg/kg	0.0023	0.0011	1	10/05/20 20:02	10/05/20 23:22	108-05-4	J(M1)
Vinyl chloride	**0.0012 U**	mg/kg	0.0023	0.0012	1	10/05/20 20:02	10/05/20 23:22	75-01-4	J(M1)
Xylene (Total)	**0.0023 U**	mg/kg	0.0068	0.0023	1	10/05/20 20:02	10/05/20 23:22	1330-20-7	
cis-1,2-Dichloroethene	**0.0011 U**	mg/kg	0.0023	0.0011	1	10/05/20 20:02	10/05/20 23:22	156-59-2	J(M1)
cis-1,3-Dichloropropene	**0.0011 U**	mg/kg	0.0023	0.0011	1	10/05/20 20:02	10/05/20 23:22	10061-01-5	
m&p-Xylene	**0.0023 U**	mg/kg	0.0046	0.0023	1	10/05/20 20:02	10/05/20 23:22	179601-23-1	
n-Butylbenzene	**0.0014 U**	mg/kg	0.0023	0.0014	1	10/05/20 20:02	10/05/20 23:22	104-51-8	
n-Propylbenzene	**0.0012 U**	mg/kg	0.0023	0.0012	1	10/05/20 20:02	10/05/20 23:22	103-65-1	
o-Xylene	**0.0012 U**	mg/kg	0.0023	0.0012	1	10/05/20 20:02	10/05/20 23:22	95-47-6	
p-Isopropyltoluene	**0.0014 U**	mg/kg	0.0023	0.0014	1	10/05/20 20:02	10/05/20 23:22	99-87-6	
sec-Butylbenzene	**0.0013 U**	mg/kg	0.0023	0.0013	1	10/05/20 20:02	10/05/20 23:22	135-98-8	
tert-Butylbenzene	**0.0013 U**	mg/kg	0.0023	0.0013	1	10/05/20 20:02	10/05/20 23:22	98-06-6	
trans-1,2-Dichloroethene	**0.0014 U**	mg/kg	0.0023	0.0014	1	10/05/20 20:02	10/05/20 23:22	156-60-5	J(M1)
trans-1,3-Dichloropropene	**0.0011 U**	mg/kg	0.0023	0.0011	1	10/05/20 20:02	10/05/20 23:22	10061-02-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
3610 Park Central Blvd N
Pompano Beach, FL 33064
(954)582-4300

ANALYTICAL RESULTS

Project: 040-01-06/Demo B704 SP1-Revised Report
Pace Project No.: 35582258

Sample: Demo B704-SP-1-C **Lab ID: 35582060002** Collected: 10/01/20 12:12 Received: 10/02/20 16:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035	Analytical Method: EPA 8260 Preparation Method: EPA 5035 Pace Analytical Services - Ormond Beach								
Surrogates									
4-Bromofluorobenzene (S)	102	%	68-125		1	10/05/20 20:02	10/05/20 23:22	460-00-4	
Toluene-d8 (S)	105	%	70-130		1	10/05/20 20:02	10/05/20 23:22	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	99	%	70-130		1	10/05/20 20:02	10/05/20 23:22	2199-69-1	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Ormond Beach								
Percent Moisture	**6.1**	%	0.10	0.10	1		10/05/20 15:17		
Total Solids 2540 G-2011	Analytical Method: SM 2540G Preparation Method: SM 2540 G Pace National - Mt. Juliet								
Total Solids	**94.4**	%			1	10/12/20 14:22	10/12/20 14:31		
Wet Chemistry 9012B	Analytical Method: EPA 9012B Preparation Method: 9012B Pace National - Mt. Juliet								
Cyanide	**0.164 I**	mg/kg	0.265	0.0776	1	10/13/20 23:53	10/14/20 16:44	57-12-5	I

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
3610 Park Central Blvd N
Pompano Beach, FL 33064
(954)582-4300

QUALITY CONTROL DATA

Project: 040-01-06/Demo B704 SP1-Revised Report
Pace Project No.: 35582258

QC Batch: 671306
QC Batch Method: EPA 3050
Analysis Method: EPA 6010
Analysis Description: 6010 MET Solid
Laboratory: Pace Analytical Services - Ormond Beach
Associated Lab Samples: 35582060002, 35582060004

METHOD BLANK: 3651334 Matrix: Solid
Associated Lab Samples: 35582060002, 35582060004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Arsenic	mg/kg	0.28 U	0.56	0.28	10/07/20 19:51	
Cadmium	mg/kg	0.028 U	0.056	0.028	10/07/20 19:51	
Chromium	mg/kg	0.14 U	0.28	0.14	10/07/20 19:51	
Lead	mg/kg	0.28 U	0.56	0.28	10/07/20 19:51	
Nickel	mg/kg	0.14 U	0.28	0.14	10/07/20 19:51	

LABORATORY CONTROL SAMPLE: 3651335

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/kg	13	11.9	91	80-120	
Cadmium	mg/kg	1.3	1.3	97	80-120	
Chromium	mg/kg	13	13.0	100	80-120	
Lead	mg/kg	13	12.8	98	80-120	
Nickel	mg/kg	13	12.7	98	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3651336 3651337

Parameter	Units	35581567003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Arsenic	mg/kg	0.40 U	22.2	20	14.5	12.0	64	59	75-125	19	20	J(M1)
Cadmium	mg/kg	0.18	2.3	2	2.0	1.7	80	77	75-125	14	20	
Chromium	mg/kg	39.6	22.2	20	68.8	98.8	131	297	75-125	36	20	J(M1), J(R1), L
Lead	mg/kg	3.7	22.2	20	20.8	24.2	77	103	75-125	15	20	
Nickel	mg/kg	11.9	22.2	20	34.6	33.3	102	107	75-125	4	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
3610 Park Central Blvd N
Pompano Beach, FL 33064
(954)582-4300

QUALITY CONTROL DATA

Project: 040-01-06/Demo B704 SP1-Revised Report
Pace Project No.: 35582258

QC Batch: 671332
QC Batch Method: EPA 3050
Analysis Method: EPA 6010
Analysis Description: 6010 MET Solid
Laboratory: Pace Analytical Services - Ormond Beach
Associated Lab Samples: 35582060016

METHOD BLANK: 3651394 Matrix: Solid
Associated Lab Samples: 35582060016

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Arsenic	mg/kg	0.25 U	0.50	0.25	10/07/20 21:29	
Cadmium	mg/kg	0.025 U	0.050	0.025	10/07/20 21:29	
Chromium	mg/kg	0.13 U	0.25	0.13	10/07/20 21:29	
Lead	mg/kg	0.25 U	0.50	0.25	10/07/20 21:29	
Nickel	mg/kg	0.13 U	0.25	0.13	10/07/20 21:29	

LABORATORY CONTROL SAMPLE: 3651395

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/kg	14.6	13.2	90	80-120	
Cadmium	mg/kg	1.5	1.4	96	80-120	
Chromium	mg/kg	14.6	14.3	98	80-120	
Lead	mg/kg	14.6	14.1	97	80-120	
Nickel	mg/kg	14.6	13.9	95	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3651396 3651397

Parameter	Units	35581744001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Arsenic	mg/kg	0.28 U	13.4	15	12.4	13.8	91	90	75-125	11	20	
Cadmium	mg/kg	0.084	1.3	1.6	1.4	1.5	95	94	75-125	10	20	
Chromium	mg/kg	3.0	13.4	15	16.8	18.4	103	102	75-125	9	20	
Lead	mg/kg	18.6	13.4	15	32.2	35.4	101	111	75-125	9	20	
Nickel	mg/kg	0.75	13.4	15	13.8	15.2	98	96	75-125	9	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
3610 Park Central Blvd N
Pompano Beach, FL 33064
(954)582-4300

QUALITY CONTROL DATA

Project: 040-01-06/Demo B704 SP1-Revised Report
Pace Project No.: 35582258

QC Batch: 679081
QC Batch Method: EPA 3010
Analysis Method: EPA 6010
Analysis Description: 6010 MET TCLP
Laboratory: Pace Analytical Services - Ormond Beach
Associated Lab Samples: 35582060002

METHOD BLANK: 3690972 Matrix: Water
Associated Lab Samples: 35582060002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Cadmium	mg/L	0.00033 U	0.0010	0.00033	11/04/20 14:31	

LABORATORY CONTROL SAMPLE: 3694934

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Cadmium	mg/L	0.025	0.026	105	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3694935 3694936

Parameter	Units	35586223002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Cadmium	mg/L	0.40	0.25	0.25	0.65	0.65	100	99	75-125	0	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
3610 Park Central Blvd N
Pompano Beach, FL 33064
(954)582-4300

QUALITY CONTROL DATA

Project: 040-01-06/Demo B704 SP1-Revised Report
Pace Project No.: 35582258

QC Batch: 670856
QC Batch Method: EPA 5035
Analysis Method: EPA 8260
Analysis Description: 8260 MSV 5035
Laboratory: Pace Analytical Services - Ormond Beach
Associated Lab Samples: 35582060002, 35582060004, 35582060016

METHOD BLANK: 3648997 Matrix: Solid
Associated Lab Samples: 35582060002, 35582060004, 35582060016

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	mg/kg	0.0025 U	0.0050	0.0025	10/05/20 21:11	
1,1,1-Trichloroethane	mg/kg	0.0027 U	0.0050	0.0027	10/05/20 21:11	
1,1,2,2-Tetrachloroethane	mg/kg	0.0025 U	0.0050	0.0025	10/05/20 21:11	
1,1,2-Trichloroethane	mg/kg	0.0025 U	0.0050	0.0025	10/05/20 21:11	
1,1-Dichloroethane	mg/kg	0.0027 U	0.0050	0.0027	10/05/20 21:11	J(v1)
1,1-Dichloroethene	mg/kg	0.0025 U	0.0050	0.0025	10/05/20 21:11	
1,1-Dichloropropene	mg/kg	0.0026 U	0.0050	0.0026	10/05/20 21:11	
1,2,3-Trichlorobenzene	mg/kg	0.0025 U	0.0050	0.0025	10/05/20 21:11	
1,2,3-Trichloropropane	mg/kg	0.0025 U	0.0050	0.0025	10/05/20 21:11	
1,2,3-Trimethylbenzene	mg/kg	0.0025 U	0.0050	0.0025	10/05/20 21:11	N2
1,2,4-Trichlorobenzene	mg/kg	0.0025 U	0.0050	0.0025	10/05/20 21:11	
1,2,4-Trimethylbenzene	mg/kg	0.0028 U	0.0050	0.0028	10/05/20 21:11	
1,2-Dichlorobenzene	mg/kg	0.0025 U	0.0050	0.0025	10/05/20 21:11	
1,2-Dichloroethane	mg/kg	0.0025 U	0.0050	0.0025	10/05/20 21:11	
1,2-Dichloropropane	mg/kg	0.0025 U	0.0050	0.0025	10/05/20 21:11	
1,3,5-Trimethylbenzene	mg/kg	0.0029 U	0.0050	0.0029	10/05/20 21:11	
1,3-Dichlorobenzene	mg/kg	0.0025 U	0.0050	0.0025	10/05/20 21:11	
1,3-Dichloropropane	mg/kg	0.0025 U	0.0050	0.0025	10/05/20 21:11	
1,4-Dichlorobenzene	mg/kg	0.0025 U	0.0050	0.0025	10/05/20 21:11	
2,2-Dichloropropane	mg/kg	0.0026 U	0.0050	0.0026	10/05/20 21:11	
2-Butanone (MEK)	mg/kg	0.0050 U	0.050	0.0050	10/05/20 21:11	
2-Chloroethylvinyl ether	mg/kg	0.010 U	0.020	0.010	10/05/20 21:11	
2-Chlorotoluene	mg/kg	0.0025 U	0.0050	0.0025	10/05/20 21:11	
2-Hexanone	mg/kg	0.0050 U	0.025	0.0050	10/05/20 21:11	
4-Chlorotoluene	mg/kg	0.0025 U	0.0050	0.0025	10/05/20 21:11	
4-Methyl-2-pentanone (MIBK)	mg/kg	0.0050 U	0.025	0.0050	10/05/20 21:11	
Acetone	mg/kg	0.010 U	0.025	0.010	10/05/20 21:11	
Acetonitrile	mg/kg	0.025 U	0.050	0.025	10/05/20 21:11	J(v1)
Benzene	mg/kg	0.0026 U	0.0050	0.0026	10/05/20 21:11	
Bromobenzene	mg/kg	0.0025 U	0.0050	0.0025	10/05/20 21:11	
Bromochloromethane	mg/kg	0.0025 U	0.0050	0.0025	10/05/20 21:11	
Bromodichloromethane	mg/kg	0.0025 U	0.0050	0.0025	10/05/20 21:11	
Bromoform	mg/kg	0.0025 U	0.0050	0.0025	10/05/20 21:11	J(v2)
Bromomethane	mg/kg	0.0025 U	0.0050	0.0025	10/05/20 21:11	
Carbon disulfide	mg/kg	0.0025 U	0.0050	0.0025	10/05/20 21:11	
Carbon tetrachloride	mg/kg	0.0025 U	0.0050	0.0025	10/05/20 21:11	
Chlorobenzene	mg/kg	0.0025 U	0.0050	0.0025	10/05/20 21:11	
Chloroethane	mg/kg	0.0036 U	0.0050	0.0036	10/05/20 21:11	
Chloroform	mg/kg	0.0030 U	0.0050	0.0030	10/05/20 21:11	
Chloromethane	mg/kg	0.0028 U	0.0050	0.0028	10/05/20 21:11	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
3610 Park Central Blvd N
Pompano Beach, FL 33064
(954)582-4300

QUALITY CONTROL DATA

Project: 040-01-06/Demo B704 SP1-Revised Report
Pace Project No.: 35582258

METHOD BLANK: 3648997 Matrix: Solid
Associated Lab Samples: 35582060002, 35582060004, 35582060016

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
cis-1,2-Dichloroethene	mg/kg	0.0025 U	0.0050	0.0025	10/05/20 21:11	
cis-1,3-Dichloropropene	mg/kg	0.0025 U	0.0050	0.0025	10/05/20 21:11	
Dibromochloromethane	mg/kg	0.0025 U	0.0050	0.0025	10/05/20 21:11	
Dibromomethane	mg/kg	0.0025 U	0.0050	0.0025	10/05/20 21:11	
Dichlorodifluoromethane	mg/kg	0.0027 U	0.0050	0.0027	10/05/20 21:11	
Ethylbenzene	mg/kg	0.0028 U	0.0050	0.0028	10/05/20 21:11	
Iodomethane	mg/kg	0.0050 U	0.010	0.0050	10/05/20 21:11	
Isopropylbenzene (Cumene)	mg/kg	0.0029 U	0.0050	0.0029	10/05/20 21:11	
m&p-Xylene	mg/kg	0.0051 U	0.010	0.0051	10/05/20 21:11	
Methyl-tert-butyl ether	mg/kg	0.0025 U	0.0050	0.0025	10/05/20 21:11	
Methylene Chloride	mg/kg	0.0032 I	0.0050	0.0025	10/05/20 21:11	
n-Butylbenzene	mg/kg	0.0030 U	0.0050	0.0030	10/05/20 21:11	
n-Propylbenzene	mg/kg	0.0026 U	0.0050	0.0026	10/05/20 21:11	
o-Xylene	mg/kg	0.0026 U	0.0050	0.0026	10/05/20 21:11	
p-Isopropyltoluene	mg/kg	0.0030 U	0.0050	0.0030	10/05/20 21:11	
sec-Butylbenzene	mg/kg	0.0029 U	0.0050	0.0029	10/05/20 21:11	
Styrene	mg/kg	0.0025 U	0.0050	0.0025	10/05/20 21:11	
tert-Butylbenzene	mg/kg	0.0029 U	0.0050	0.0029	10/05/20 21:11	
Tetrachloroethene	mg/kg	0.0025 U	0.0050	0.0025	10/05/20 21:11	
Toluene	mg/kg	0.0027 U	0.0050	0.0027	10/05/20 21:11	
trans-1,2-Dichloroethene	mg/kg	0.0030 U	0.0050	0.0030	10/05/20 21:11	
trans-1,3-Dichloropropene	mg/kg	0.0025 U	0.0050	0.0025	10/05/20 21:11	
Trichloroethene	mg/kg	0.0028 U	0.0050	0.0028	10/05/20 21:11	
Trichlorofluoromethane	mg/kg	0.0027 U	0.0050	0.0027	10/05/20 21:11	
Vinyl acetate	mg/kg	0.0025 U	0.0050	0.0025	10/05/20 21:11	
Vinyl chloride	mg/kg	0.0027 U	0.0050	0.0027	10/05/20 21:11	
Xylene (Total)	mg/kg	0.0051 U	0.015	0.0051	10/05/20 21:11	
1,2-Dichlorobenzene-d4 (S)	%	99	70-130		10/05/20 21:11	
4-Bromofluorobenzene (S)	%	104	68-125		10/05/20 21:11	
Toluene-d8 (S)	%	102	70-130		10/05/20 21:11	

LABORATORY CONTROL SAMPLE: 3648998

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	mg/kg	0.02	0.017	86	70-130	
1,1,1-Trichloroethane	mg/kg	0.02	0.019	95	70-130	
1,1,2,2-Tetrachloroethane	mg/kg	0.02	0.020	99	70-130	
1,1,2-Trichloroethane	mg/kg	0.02	0.020	102	70-130	
1,1-Dichloroethane	mg/kg	0.02	0.025	123	70-130	J(v1)
1,1-Dichloroethene	mg/kg	0.02	0.020	102	62-131	
1,1-Dichloropropene	mg/kg	0.02	0.019	97	70-130	
1,2,3-Trichlorobenzene	mg/kg	0.02	0.019	94	70-130	
1,2,3-Trichloropropane	mg/kg	0.02	0.019	93	72-137	
1,2,3-Trimethylbenzene	mg/kg	0.02	0.019	93	70-130	N2

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
3610 Park Central Blvd N
Pompano Beach, FL 33064
(954)582-4300

QUALITY CONTROL DATA

Project: 040-01-06/Demo B704 SP1-Revised Report
Pace Project No.: 35582258

LABORATORY CONTROL SAMPLE: 3648998

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trichlorobenzene	mg/kg	0.02	0.018	92	70-130	
1,2,4-Trimethylbenzene	mg/kg	0.02	0.018	92	70-130	
1,2-Dichlorobenzene	mg/kg	0.02	0.019	97	70-130	
1,2-Dichloroethane	mg/kg	0.02	0.020	99	70-130	
1,2-Dichloropropane	mg/kg	0.02	0.021	104	70-130	
1,3,5-Trimethylbenzene	mg/kg	0.02	0.018	89	70-130	
1,3-Dichlorobenzene	mg/kg	0.02	0.020	100	70-130	
1,3-Dichloropropane	mg/kg	0.02	0.020	100	70-130	
1,4-Dichlorobenzene	mg/kg	0.02	0.019	96	70-130	
2,2-Dichloropropane	mg/kg	0.02	0.019	95	70-130	
2-Butanone (MEK)	mg/kg	0.1	0.11	110	64-121	
2-Chloroethylvinyl ether	mg/kg	0.1	0.099	99	20-150	
2-Chlorotoluene	mg/kg	0.02	0.019	95	70-130	
2-Hexanone	mg/kg	0.1	0.11	107	59-137	
4-Chlorotoluene	mg/kg	0.02	0.020	98	70-130	
4-Methyl-2-pentanone (MIBK)	mg/kg	0.1	0.11	108	70-130	
Acetone	mg/kg	0.1	0.11	108	68-146	
Acetonitrile	mg/kg	0.1	0.12	122	68-131	J(v1)
Benzene	mg/kg	0.02	0.020	102	70-130	
Bromobenzene	mg/kg	0.02	0.019	94	70-130	
Bromochloromethane	mg/kg	0.02	0.019	97	70-130	
Bromodichloromethane	mg/kg	0.02	0.017	83	70-130	
Bromoform	mg/kg	0.02	0.015	75	54-129	J(v2)
Bromomethane	mg/kg	0.02	0.023	116	58-144	
Carbon disulfide	mg/kg	0.02	0.018	92	57-133	
Carbon tetrachloride	mg/kg	0.02	0.017	84	63-137	
Chlorobenzene	mg/kg	0.02	0.020	100	70-130	
Chloroethane	mg/kg	0.02	0.021	107	40-165	
Chloroform	mg/kg	0.02	0.020	98	70-130	
Chloromethane	mg/kg	0.02	0.021	103	64-127	
cis-1,2-Dichloroethene	mg/kg	0.02	0.020	98	70-130	
cis-1,3-Dichloropropene	mg/kg	0.02	0.017	85	70-130	
Dibromochloromethane	mg/kg	0.02	0.016	81	70-130	
Dibromomethane	mg/kg	0.02	0.021	103	70-130	
Dichlorodifluoromethane	mg/kg	0.02	0.021	103	51-143	
Ethylbenzene	mg/kg	0.02	0.020	100	70-130	
Iodomethane	mg/kg	0.02	0.022	108	58-137	
Isopropylbenzene (Cumene)	mg/kg	0.02	0.019	97	70-130	
m&p-Xylene	mg/kg	0.04	0.039	97	70-130	
Methyl-tert-butyl ether	mg/kg	0.02	0.020	98	65-124	
Methylene Chloride	mg/kg	0.02	0.021	105	51-142	
n-Butylbenzene	mg/kg	0.02	0.019	93	70-130	
n-Propylbenzene	mg/kg	0.02	0.018	92	70-130	
o-Xylene	mg/kg	0.02	0.020	98	70-130	
p-Isopropyltoluene	mg/kg	0.02	0.018	90	70-130	
sec-Butylbenzene	mg/kg	0.02	0.019	93	70-130	
Styrene	mg/kg	0.02	0.019	94	70-130	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
3610 Park Central Blvd N
Pompano Beach, FL 33064
(954)582-4300

QUALITY CONTROL DATA

Project: 040-01-06/Demo B704 SP1-Revised Report
Pace Project No.: 35582258

LABORATORY CONTROL SAMPLE: 3648998

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
tert-Butylbenzene	mg/kg	0.02	0.018	88	70-130	
Tetrachloroethene	mg/kg	0.02	0.019	95	70-130	
Toluene	mg/kg	0.02	0.020	98	70-130	
trans-1,2-Dichloroethene	mg/kg	0.02	0.019	97	70-130	
trans-1,3-Dichloropropene	mg/kg	0.02	0.016	82	70-130	
Trichloroethene	mg/kg	0.02	0.019	96	70-130	
Trichlorofluoromethane	mg/kg	0.02	0.021	103	60-148	
Vinyl acetate	mg/kg	0.02	0.024	119	70-130	
Vinyl chloride	mg/kg	0.02	0.019	94	69-124	
Xylene (Total)	mg/kg	0.06	0.058	97	70-130	
1,2-Dichlorobenzene-d4 (S)	%			100	70-130	
4-Bromofluorobenzene (S)	%			107	68-125	
Toluene-d8 (S)	%			102	70-130	

MATRIX SPIKE SAMPLE: 3649000

Parameter	Units	35582060002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	mg/kg	0.0011 U	0.0093	0.012	125	70-130	
1,1,1-Trichloroethane	mg/kg	0.0012 U	0.0093	0.014	149	70-130	J(M1)
1,1,2,2-Tetrachloroethane	mg/kg	0.0011 U	0.0093	0.013	139	70-130	J(M1)
1,1,2-Trichloroethane	mg/kg	0.0011 U	0.0093	0.014	147	70-130	J(M1)
1,1-Dichloroethane	mg/kg	0.0012 U	0.0093	0.017	187	70-130	J(M1),J(v1)
1,1-Dichloroethene	mg/kg	0.0011 U	0.0093	0.016	171	62-131	J(M1)
1,1-Dichloropropene	mg/kg	0.0012 U	0.0093	0.014	156	70-130	J(M1)
1,2,3-Trichlorobenzene	mg/kg	0.0011 U	0.0093	0.0078	84	70-130	
1,2,3-Trichloropropane	mg/kg	0.0011 U	0.0093	0.012	130	72-137	
1,2,3-Trimethylbenzene	mg/kg	0.0011 U	0.0093	0.0098	106	70-130	N2
1,2,4-Trichlorobenzene	mg/kg	0.0011 U	0.0093	0.0081	87	70-130	
1,2,4-Trimethylbenzene	mg/kg	0.0013 U	0.0093	0.010	108	70-130	
1,2-Dichlorobenzene	mg/kg	0.0011 U	0.0093	0.010	109	70-130	
1,2-Dichloroethane	mg/kg	0.0011 U	0.0093	0.013	144	70-130	J(M1)
1,2-Dichloropropane	mg/kg	0.0011 U	0.0093	0.014	155	70-130	J(M1)
1,3,5-Trimethylbenzene	mg/kg	0.0013 U	0.0093	0.0098	105	70-130	
1,3-Dichlorobenzene	mg/kg	0.0011 U	0.0093	0.010	111	70-130	
1,3-Dichloropropane	mg/kg	0.0011 U	0.0093	0.013	143	70-130	J(M1)
1,4-Dichlorobenzene	mg/kg	0.0011 U	0.0093	0.010	109	70-130	
2,2-Dichloropropane	mg/kg	0.0012 U	0.0093	0.014	150	70-130	J(M1)
2-Butanone (MEK)	mg/kg	0.0023 U	0.047	0.078	168	64-121	J(M1)
2-Chloroethylvinyl ether	mg/kg	0.0046 U	0.047	0.062	134	20-150	
2-Chlorotoluene	mg/kg	0.0011 U	0.0093	0.011	118	70-130	
2-Hexanone	mg/kg	0.0023 U	0.047	0.079	170	59-137	J(M1)
4-Chlorotoluene	mg/kg	0.0011 U	0.0093	0.011	121	70-130	
4-Methyl-2-pentanone (MIBK)	mg/kg	0.0023 U	0.047	0.076	164	70-130	J(M1)
Acetone	mg/kg	0.060	0.047	0.14	163	68-146	J(M1)
Acetonitrile	mg/kg	0.011 U	0.047	0.080	171	68-131	J(M1),J(v1)

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
3610 Park Central Blvd N
Pompano Beach, FL 33064
(954)582-4300

QUALITY CONTROL DATA

Project: 040-01-06/Demo B704 SP1-Revised Report
Pace Project No.: 35582258

MATRIX SPIKE SAMPLE: 3649000

Parameter	Units	35582060002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Benzene	mg/kg	0.0012 U	0.0093	0.015	157	70-130	J(M1)
Bromobenzene	mg/kg	0.0011 U	0.0093	0.012	127	70-130	
Bromochloromethane	mg/kg	0.0011 U	0.0093	0.014	149	70-130	J(M1)
Bromodichloromethane	mg/kg	0.0011 U	0.0093	0.012	130	70-130	
Bromoform	mg/kg	0.0011 U	0.0093	0.0099	106	54-129	J(v3)
Bromomethane	mg/kg	0.0011 U	0.0093	0.016	170	58-144	J(M1)
Carbon disulfide	mg/kg	0.0011 U	0.0093	0.015	160	57-133	J(M1)
Carbon tetrachloride	mg/kg	0.0011 U	0.0093	0.012	134	63-137	
Chlorobenzene	mg/kg	0.0011 U	0.0093	0.013	138	70-130	J(M1)
Chloroethane	mg/kg	0.0016 U	0.0093	0.013	138	40-165	
Chloroform	mg/kg	0.0013 U	0.0093	0.014	148	70-130	J(M1)
Chloromethane	mg/kg	0.0013 U	0.0093	0.015	159	64-127	J(M1)
cis-1,2-Dichloroethene	mg/kg	0.0011 U	0.0093	0.014	149	70-130	J(M1)
cis-1,3-Dichloropropene	mg/kg	0.0011 U	0.0093	0.012	128	70-130	
Dibromochloromethane	mg/kg	0.0011 U	0.0093	0.011	121	70-130	
Dibromomethane	mg/kg	0.0011 U	0.0093	0.014	150	70-130	J(M1)
Dichlorodifluoromethane	mg/kg	0.0012 U	0.0093	0.016	171	51-143	J(M1)
Ethylbenzene	mg/kg	0.0013 U	0.0093	0.012	133	70-130	J(M1)
Iodomethane	mg/kg	0.0023 U	0.0093	0.016	177	58-137	J(M1)
Isopropylbenzene (Cumene)	mg/kg	0.0013 U	0.0093	0.011	122	70-130	
m&p-Xylene	mg/kg	0.0023 U	0.018	0.024	128	70-130	
Methyl-tert-butyl ether	mg/kg	0.0011 U	0.0093	0.012	132	65-124	J(M1)
Methylene Chloride	mg/kg	0.0011 U	0.0093	0.012	131	51-142	
n-Butylbenzene	mg/kg	0.0014 U	0.0093	0.0090	96	70-130	
n-Propylbenzene	mg/kg	0.0012 U	0.0093	0.011	114	70-130	
o-Xylene	mg/kg	0.0012 U	0.0093	0.012	129	70-130	
p-Isopropyltoluene	mg/kg	0.0014 U	0.0093	0.0092	99	70-130	
sec-Butylbenzene	mg/kg	0.0013 U	0.0093	0.010	107	70-130	
Styrene	mg/kg	0.0011 U	0.0093	0.012	127	70-130	
tert-Butylbenzene	mg/kg	0.0013 U	0.0093	0.0097	105	70-130	
Tetrachloroethene	mg/kg	0.0011 U	0.0093	0.013	141	70-130	J(M1)
Toluene	mg/kg	0.0012 U	0.0093	0.013	140	70-130	J(M1)
trans-1,2-Dichloroethene	mg/kg	0.0014 U	0.0093	0.015	160	70-130	J(M1)
trans-1,3-Dichloropropene	mg/kg	0.0011 U	0.0093	0.011	121	70-130	
Trichloroethene	mg/kg	0.0013 U	0.0093	0.014	148	70-130	J(M1)
Trichlorofluoromethane	mg/kg	0.0012 U	0.0093	0.015	163	60-148	J(M1)
Vinyl acetate	mg/kg	0.0011 U	0.0093	0.013	140	70-130	J(M1)
Vinyl chloride	mg/kg	0.0012 U	0.0093	0.014	147	69-124	J(M1)
Xylene (Total)	mg/kg	0.0023 U	0.028	0.036	129	70-130	
1,2-Dichlorobenzene-d4 (S)	%				97	70-130	
4-Bromofluorobenzene (S)	%				105	68-125	
Toluene-d8 (S)	%				103	70-130	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
3610 Park Central Blvd N
Pompano Beach, FL 33064
(954)582-4300

QUALITY CONTROL DATA

Project: 040-01-06/Demo B704 SP1-Revised Report
Pace Project No.: 35582258

SAMPLE DUPLICATE: 3648999

Parameter	Units	35582060001 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1,2-Tetrachloroethane	mg/kg	0.0014 U	0.0013 U		40	
1,1,1-Trichloroethane	mg/kg	0.0015 U	0.0014 U		40	
1,1,2,2-Tetrachloroethane	mg/kg	0.0014 U	0.0013 U		40	
1,1,2-Trichloroethane	mg/kg	0.0014 U	0.0013 U		40	
1,1-Dichloroethane	mg/kg	0.0015 U	0.0014 U		40	J(v1)
1,1-Dichloroethene	mg/kg	0.0014 U	0.0013 U		40	
1,1-Dichloropropene	mg/kg	0.0014 U	0.0013 U		40	
1,2,3-Trichlorobenzene	mg/kg	0.0014 U	0.0013 U		40	
1,2,3-Trichloropropane	mg/kg	0.0014 U	0.0013 U		40	
1,2,3-Trimethylbenzene	mg/kg	0.0014 U	0.0013 U		40	N2
1,2,4-Trichlorobenzene	mg/kg	0.0014 U	0.0013 U		40	
1,2,4-Trimethylbenzene	mg/kg	0.0015 U	0.0015 U		40	
1,2-Dichlorobenzene	mg/kg	0.0014 U	0.0013 U		40	
1,2-Dichloroethane	mg/kg	0.0014 U	0.0013 U		40	
1,2-Dichloropropane	mg/kg	0.0014 U	0.0013 U		40	
1,3,5-Trimethylbenzene	mg/kg	0.0016 U	0.0015 U		40	
1,3-Dichlorobenzene	mg/kg	0.0014 U	0.0013 U		40	
1,3-Dichloropropane	mg/kg	0.0014 U	0.0013 U		40	
1,4-Dichlorobenzene	mg/kg	0.0014 U	0.0013 U		40	
2,2-Dichloropropane	mg/kg	0.0014 U	0.0014 U		40	
2-Butanone (MEK)	mg/kg	0.0027 U	0.0026 U		40	
2-Chloroethylvinyl ether	mg/kg	0.0054 U	0.0053 U		40	
2-Chlorotoluene	mg/kg	0.0014 U	0.0013 U		40	
2-Hexanone	mg/kg	0.0027 U	0.0026 U		40	
4-Chlorotoluene	mg/kg	0.0014 U	0.0013 U		40	
4-Methyl-2-pentanone (MIBK)	mg/kg	0.0027 U	0.0026 U		40	
Acetone	mg/kg	0.056	0.059	5	40	
Acetonitrile	mg/kg	0.014 U	0.013 U		40	J(v1)
Benzene	mg/kg	0.0014 U	0.0013 U		40	
Bromobenzene	mg/kg	0.0014 U	0.0013 U		40	
Bromochloromethane	mg/kg	0.0014 U	0.0013 U		40	
Bromodichloromethane	mg/kg	0.0014 U	0.0013 U		40	
Bromoform	mg/kg	0.0014 U	0.0013 U		40	J(v2)
Bromomethane	mg/kg	0.0014 U	0.0013 U		40	
Carbon disulfide	mg/kg	0.0014 U	0.0013 U		40	
Carbon tetrachloride	mg/kg	0.0014 U	0.0013 U		40	
Chlorobenzene	mg/kg	0.0014 U	0.0013 U		40	
Chloroethane	mg/kg	0.0020 U	0.0019 U		40	
Chloroform	mg/kg	0.0016 U	0.0016 U		40	
Chloromethane	mg/kg	0.0015 U	0.0015 U		40	
cis-1,2-Dichloroethene	mg/kg	0.0014 U	0.0013 U		40	
cis-1,3-Dichloropropene	mg/kg	0.0014 U	0.0013 U		40	
Dibromochloromethane	mg/kg	0.0014 U	0.0013 U		40	
Dibromomethane	mg/kg	0.0014 U	0.0013 U		40	
Dichlorodifluoromethane	mg/kg	0.0014 U	0.0014 U		40	
Ethylbenzene	mg/kg	0.0015 U	0.0015 U		40	
Iodomethane	mg/kg	0.0027 U	0.0026 U		40	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
3610 Park Central Blvd N
Pompano Beach, FL 33064
(954)582-4300

QUALITY CONTROL DATA

Project: 040-01-06/Demo B704 SP1-Revised Report
Pace Project No.: 35582258

SAMPLE DUPLICATE: 3648999

Parameter	Units	35582060001 Result	Dup Result	RPD	Max RPD	Qualifiers
Isopropylbenzene (Cumene)	mg/kg	0.0016 U	0.0015 U		40	
m&p-Xylene	mg/kg	0.0028 U	0.0027 U		40	
Methyl-tert-butyl ether	mg/kg	0.0014 U	0.0013 U		40	
Methylene Chloride	mg/kg	0.0014 U	0.0013 U		40	
n-Butylbenzene	mg/kg	0.0016 U	0.0016 U		40	
n-Propylbenzene	mg/kg	0.0014 U	0.0014 U		40	
o-Xylene	mg/kg	0.0014 U	0.0014 U		40	
p-Isopropyltoluene	mg/kg	0.0016 U	0.0016 U		40	
sec-Butylbenzene	mg/kg	0.0016 U	0.0015 U		40	
Styrene	mg/kg	0.0014 U	0.0013 U		40	
tert-Butylbenzene	mg/kg	0.0016 U	0.0015 U		40	
Tetrachloroethene	mg/kg	0.0014 U	0.0013 U		40	
Toluene	mg/kg	0.0015 U	0.0014 U		40	
trans-1,2-Dichloroethene	mg/kg	0.0017 U	0.0016 U		40	
trans-1,3-Dichloropropene	mg/kg	0.0014 U	0.0013 U		40	
Trichloroethene	mg/kg	0.0015 U	0.0015 U		40	
Trichlorofluoromethane	mg/kg	0.0015 U	0.0014 U		40	
Vinyl acetate	mg/kg	0.0014 U	0.0013 U		40	
Vinyl chloride	mg/kg	0.0015 U	0.0014 U		40	
Xylene (Total)	mg/kg	0.0028 U	0.0027 U		40	
1,2-Dichlorobenzene-d4 (S)	%	92	97			
4-Bromofluorobenzene (S)	%	86	99		40	
Toluene-d8 (S)	%	98	102		40	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
3610 Park Central Blvd N
Pompano Beach, FL 33064
(954)582-4300

QUALITY CONTROL DATA

Project: 040-01-06/Demo B704 SP1-Revised Report
Pace Project No.: 35582258

QC Batch: 670860
QC Batch Method: EPA 3546
Analysis Method: EPA 8270
Analysis Description: 8270 Solid Full List MSSV Microwave
Laboratory: Pace Analytical Services - Ormond Beach
Associated Lab Samples: 35582060002, 35582060004, 35582060016

METHOD BLANK: 3649022 Matrix: Solid
Associated Lab Samples: 35582060002, 35582060004, 35582060016

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1-Methylnaphthalene	mg/kg	0.013 U	0.041	0.013	10/06/20 07:04	
2,3,4,6-Tetrachlorophenol	mg/kg	0.041 U	0.34	0.041	10/06/20 07:04	
2,4,5-Trichlorophenol	mg/kg	0.0068 U	0.17	0.0068	10/06/20 07:04	
2,4,6-Trichlorophenol	mg/kg	0.0093 U	0.17	0.0093	10/06/20 07:04	
2,4-Dichlorophenol	mg/kg	0.0076 U	0.17	0.0076	10/06/20 07:04	
2,4-Dimethylphenol	mg/kg	0.0078 U	0.17	0.0078	10/06/20 07:04	
2,4-Dinitrophenol	mg/kg	0.10 U	0.68	0.10	10/06/20 07:04	
2,6-Dichlorophenol	mg/kg	0.0059 U	0.17	0.0059	10/06/20 07:04	N2
2-Methylnaphthalene	mg/kg	0.013 U	0.040	0.013	10/06/20 07:04	
2-Methylphenol(o-Cresol)	mg/kg	0.0082 U	0.17	0.0082	10/06/20 07:04	
2-Nitrophenol	mg/kg	0.055 U	0.17	0.055	10/06/20 07:04	
3&4-Methylphenol(m&p Cresol)	mg/kg	0.0078 U	0.17	0.0078	10/06/20 07:04	
4,6-Dinitro-2-methylphenol	mg/kg	0.11 U	0.68	0.11	10/06/20 07:04	
4-Chloro-3-methylphenol	mg/kg	0.0069 U	0.68	0.0069	10/06/20 07:04	
4-Nitrophenol	mg/kg	0.073 U	0.22	0.073	10/06/20 07:04	
Acenaphthene	mg/kg	0.012 U	0.036	0.012	10/06/20 07:04	
Acenaphthylene	mg/kg	0.011 U	0.034	0.011	10/06/20 07:04	
Anthracene	mg/kg	0.012 U	0.036	0.012	10/06/20 07:04	
Benzo(a)anthracene	mg/kg	0.0098 U	0.034	0.0098	10/06/20 07:04	
Benzo(a)pyrene	mg/kg	0.0085 U	0.034	0.0085	10/06/20 07:04	
Benzo(b)fluoranthene	mg/kg	0.0091 U	0.034	0.0091	10/06/20 07:04	
Benzo(g,h,i)perylene	mg/kg	0.0086 U	0.034	0.0086	10/06/20 07:04	
Benzo(k)fluoranthene	mg/kg	0.0092 U	0.034	0.0092	10/06/20 07:04	
Chrysene	mg/kg	0.011 U	0.034	0.011	10/06/20 07:04	
Dibenz(a,h)anthracene	mg/kg	0.0079 U	0.034	0.0079	10/06/20 07:04	
Fluoranthene	mg/kg	0.011 U	0.034	0.011	10/06/20 07:04	
Fluorene	mg/kg	0.012 U	0.037	0.012	10/06/20 07:04	
Indeno(1,2,3-cd)pyrene	mg/kg	0.0078 U	0.034	0.0078	10/06/20 07:04	
Naphthalene	mg/kg	0.012 U	0.035	0.012	10/06/20 07:04	
Pentachlorophenol	mg/kg	0.088 U	0.68	0.088	10/06/20 07:04	
Phenanthrene	mg/kg	0.011 U	0.034	0.011	10/06/20 07:04	
Phenol	mg/kg	0.0097 U	0.17	0.0097	10/06/20 07:04	
Pyrene	mg/kg	0.011 U	0.034	0.011	10/06/20 07:04	
2,4,6-Tribromophenol (S)	%	58	23-110		10/06/20 07:04	
2-Fluorobiphenyl (S)	%	62	29-101		10/06/20 07:04	
2-Fluorophenol (S)	%	60	19-95		10/06/20 07:04	
Nitrobenzene-d5 (S)	%	58	24-98		10/06/20 07:04	
p-Terphenyl-d14 (S)	%	72	29-112		10/06/20 07:04	
Phenol-d5 (S)	%	63	10-104		10/06/20 07:04	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
3610 Park Central Blvd N
Pompano Beach, FL 33064
(954)582-4300

QUALITY CONTROL DATA

Project: 040-01-06/Demo B704 SP1-Revised Report
Pace Project No.: 35582258

LABORATORY CONTROL SAMPLE: 3649023

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	mg/kg	1.7	1.1	69	38-115	
2,3,4,6-Tetrachlorophenol	mg/kg	1.7	1.2	70	59-117	
2,4,5-Trichlorophenol	mg/kg	1.7	1.2	71	51-99	
2,4,6-Trichlorophenol	mg/kg	1.7	1.2	71	51-98	
2,4-Dichlorophenol	mg/kg	1.7	1.2	70	50-96	
2,4-Dimethylphenol	mg/kg	1.7	1.2	70	49-96	
2,4-Dinitrophenol	mg/kg	1.7	0.81	48	10-126	
2,6-Dichlorophenol	mg/kg	1.7	1.2	73	43-98	N2
2-Methylnaphthalene	mg/kg	1.7	1.2	70	37-115	
2-Methylphenol(o-Cresol)	mg/kg	1.7	1.1	66	49-93	
2-Nitrophenol	mg/kg	1.7	1.2	71	51-100	
3&4-Methylphenol(m&p Cresol)	mg/kg	1.7	1.1	68	49-94	
4,6-Dinitro-2-methylphenol	mg/kg	1.7	1.1	66	32-123	
4-Chloro-3-methylphenol	mg/kg	1.7	1.1	65	51-99	
4-Nitrophenol	mg/kg	1.7	0.99	59	50-115	
Acenaphthene	mg/kg	1.7	1.2	71	30-127	
Acenaphthylene	mg/kg	1.7	1.2	72	29-129	
Anthracene	mg/kg	1.7	1.2	73	37-126	
Benzo(a)anthracene	mg/kg	1.7	1.2	71	37-130	
Benzo(a)pyrene	mg/kg	1.7	1.2	75	39-128	
Benzo(b)fluoranthene	mg/kg	1.7	1.3	76	38-128	
Benzo(g,h,i)perylene	mg/kg	1.7	1.3	75	34-136	
Benzo(k)fluoranthene	mg/kg	1.7	1.2	75	39-133	
Chrysene	mg/kg	1.7	1.2	74	39-125	
Dibenz(a,h)anthracene	mg/kg	1.7	1.2	75	37-127	
Fluoranthene	mg/kg	1.7	1.1	68	39-130	
Fluorene	mg/kg	1.7	1.2	69	35-125	
Indeno(1,2,3-cd)pyrene	mg/kg	1.7	1.2	75	35-133	
Naphthalene	mg/kg	1.7	1.2	73	36-115	
Pentachlorophenol	mg/kg	1.7	1.1	64	39-115	
Phenanthrene	mg/kg	1.7	1.2	73	35-128	
Phenol	mg/kg	1.7	1.2	69	46-94	
Pyrene	mg/kg	1.7	1.3	77	37-132	
2,4,6-Tribromophenol (S)	%			67	23-110	
2-Fluorobiphenyl (S)	%			73	29-101	
2-Fluorophenol (S)	%			73	19-95	
Nitrobenzene-d5 (S)	%			70	24-98	
p-Terphenyl-d14 (S)	%			79	29-112	
Phenol-d5 (S)	%			71	10-104	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3649074 3649075

Parameter	Units	35581757002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1-Methylnaphthalene	mg/kg	0.016 U	2	2	1.3	1.4	69	69	38-115	1	40	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
3610 Park Central Blvd N
Pompano Beach, FL 33064
(954)582-4300

QUALITY CONTROL DATA

Project: 040-01-06/Demo B704 SP1-Revised Report
Pace Project No.: 35582258

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3649074 3649075

Parameter	Units	35581757002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
2,3,4,6-Tetrachlorophenol	mg/kg	0.047 U	2	2	1.4	1.4	71	70	59-117	0	40	
2,4,5-Trichlorophenol	mg/kg	0.0078 U	2	2	1.4	1.4	72	70	51-99	3	40	
2,4,6-Trichlorophenol	mg/kg	0.011 U	2	2	1.4	1.4	71	69	51-98	2	40	
2,4-Dichlorophenol	mg/kg	0.0088 U	2	2	1.4	1.4	70	70	50-96	0	40	
2,4-Dimethylphenol	mg/kg	0.0090 U	2	2	1.4	1.4	71	71	49-96	1	40	
2,4-Dinitrophenol	mg/kg	0.12 U	2	2	0.58 I	0.92	30	47	10-126		40	
2,6-Dichlorophenol	mg/kg	0.0068 U	2	2	1.4	1.4	72	73	43-98	2		N2
2-Methylnaphthalene	mg/kg	0.015 U	2	2	1.4	1.4	69	70	37-115	2	40	
2-Methylphenol(o-Cresol)	mg/kg	0.0095 U	2	2	1.3	1.3	66	64	49-93	2	40	
2-Nitrophenol	mg/kg	0.063 U	2	2	1.4	1.4	71	71	51-100	1	40	
3&4-Methylphenol(m&p Cresol)	mg/kg	0.0090 U	2	2	1.3	1.3	66	64	49-94	3	40	
4,6-Dinitro-2-methylphenol	mg/kg	0.13 U	2	2	1.1	1.3	58	66	32-123	14	40	
4-Chloro-3-methylphenol	mg/kg	0.0079 U	2	2	1.3	1.3	67	68	51-99	1	40	
4-Nitrophenol	mg/kg	0.085 U	2	2	1.3	1.2	64	63	50-115	1	40	
Acenaphthene	mg/kg	0.014 U	2	2	1.4	1.4	71	70	30-127	1	40	
Acenaphthylene	mg/kg	0.012 U	2	2	1.4	1.3	72	68	29-129	4	40	
Anthracene	mg/kg	0.014 U	2	2	1.5	1.5	76	75	37-126	1	40	
Benzo(a)anthracene	mg/kg	0.011 U	2	2	1.5	1.5	76	76	37-130	0	40	
Benzo(a)pyrene	mg/kg	0.0098 U	2	2	1.6	1.6	80	80	39-128	1	40	
Benzo(b)fluoranthene	mg/kg	0.011 U	2	2	1.6	1.6	81	80	38-128	0	40	
Benzo(g,h,i)perylene	mg/kg	0.0099 U	2	2	1.6	1.6	81	80	34-136	0	40	
Benzo(k)fluoranthene	mg/kg	0.011 U	2	2	1.6	1.6	83	82	39-133	1	40	
Chrysene	mg/kg	0.013 U	2	2	1.5	1.5	78	78	39-125	1	40	
Dibenz(a,h)anthracene	mg/kg	0.0091 U	2	2	1.6	1.6	81	80	37-127	1	40	
Fluoranthene	mg/kg	0.013 U	2	2	1.4	1.4	74	73	39-130	1	40	
Fluorene	mg/kg	0.014 U	2	2	1.4	1.3	70	68	35-125	3	40	
Indeno(1,2,3-cd)pyrene	mg/kg	0.0090 U	2	2	1.6	1.6	81	80	35-133	1	40	
Naphthalene	mg/kg	0.014 U	2	2	1.4	1.4	71	70	36-115	1	40	
Pentachlorophenol	mg/kg	0.10 U	2	2	1.3	1.4	65	69	39-115	7	40	
Phenanthrene	mg/kg	0.013 U	2	2	1.5	1.5	76	76	35-128	1	40	
Phenol	mg/kg	0.011 U	2	2	1.3	1.3	67	66	46-94	1	40	
Pyrene	mg/kg	0.012 U	2	2	1.6	1.7	84	88	37-132	6	40	
2,4,6-Tribromophenol (S)	%						72	70	23-110			
2-Fluorobiphenyl (S)	%						73	70	29-101			
2-Fluorophenol (S)	%						70	68	19-95			
Nitrobenzene-d5 (S)	%						69	67	24-98			
p-Terphenyl-d14 (S)	%						88	89	29-112			
Phenol-d5 (S)	%						69	67	10-104			

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
3610 Park Central Blvd N
Pompano Beach, FL 33064
(954)582-4300

QUALITY CONTROL DATA

Project: 040-01-06/Demo B704 SP1-Revised Report
Pace Project No.: 35582258

QC Batch: 670868
QC Batch Method: EPA 3546
Analysis Method: FL-PRO
Analysis Description: FL-PRO Soil
Laboratory: Pace Analytical Services - Ormond Beach
Associated Lab Samples: 35582060002, 35582060004

METHOD BLANK: 3649072 Matrix: Solid
Associated Lab Samples: 35582060002, 35582060004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Petroleum Range Organics	mg/kg	5.1 U	5.9	5.1	10/06/20 09:39	
N-Pentatriacontane (S)	%	123	42-159		10/06/20 09:39	
o-Terphenyl (S)	%	104	66-136		10/06/20 09:39	

LABORATORY CONTROL SAMPLE: 3649073

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Petroleum Range Organics	mg/kg	168	164	98	65-119	
N-Pentatriacontane (S)	%			101	42-159	
o-Terphenyl (S)	%			102	66-136	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3649347 3649348

Parameter	Units	35582307001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Petroleum Range Organics	mg/kg	5.5 U	213	213	226	201	106	94	39-181	12	25	
N-Pentatriacontane (S)	%						108	118	42-159			
o-Terphenyl (S)	%						115	107	66-136			

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
3610 Park Central Blvd N
Pompano Beach, FL 33064
(954)582-4300

QUALITY CONTROL DATA

Project: 040-01-06/Demo B704 SP1-Revised Report
Pace Project No.: 35582258

QC Batch: 671195
QC Batch Method: EPA 3546
Analysis Method: FL-PRO
Analysis Description: FL-PRO Soil
Laboratory: Pace Analytical Services - Ormond Beach
Associated Lab Samples: 35582060016

METHOD BLANK: 3650729 Matrix: Solid
Associated Lab Samples: 35582060016

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Petroleum Range Organics	mg/kg	5.1 U	5.9	5.1	10/07/20 18:45	
N-Pentatriacontane (S)	%	89	42-159		10/07/20 18:45	
o-Terphenyl (S)	%	95	66-136		10/07/20 18:45	

LABORATORY CONTROL SAMPLE: 3650730

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Petroleum Range Organics	mg/kg	197	152	77	65-119	
N-Pentatriacontane (S)	%			80	42-159	
o-Terphenyl (S)	%			93	66-136	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3650822 3650823

Parameter	Units	35582060012 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Petroleum Range Organics	mg/kg	5.6 U	214	214	150	187	70	87	39-181	22	25	
N-Pentatriacontane (S)	%						75	98	42-159			
o-Terphenyl (S)	%						83	96	66-136			

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
3610 Park Central Blvd N
Pompano Beach, FL 33064
(954)582-4300

QUALITY CONTROL DATA

Project: 040-01-06/Demo B704 SP1-Revised Report
Pace Project No.: 35582258

QC Batch: 670819
QC Batch Method: ASTM D2974-87
Analysis Method: ASTM D2974-87
Analysis Description: Dry Weight/Percent Moisture
Laboratory: Pace Analytical Services - Ormond Beach

Associated Lab Samples: 35582060002, 35582060004

SAMPLE DUPLICATE: 3648623

Parameter	Units	35581429019 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	5.2	6.9	28	10	J(D6)

SAMPLE DUPLICATE: 3648624

Parameter	Units	35581757002 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	14.5	13.2	9	10	

SAMPLE DUPLICATE: 3648625

Parameter	Units	35581825003 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	24.5	23.9	3	10	

SAMPLE DUPLICATE: 3648626

Parameter	Units	35582060007 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	21.4	23.6	10	10	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
3610 Park Central Blvd N
Pompano Beach, FL 33064
(954)582-4300

QUALITY CONTROL DATA

Project: 040-01-06/Demo B704 SP1-Revised Report
Pace Project No.: 35582258

QC Batch: 670822
QC Batch Method: ASTM D2974-87
Analysis Method: ASTM D2974-87
Analysis Description: Dry Weight/Percent Moisture
Laboratory: Pace Analytical Services - Ormond Beach

Associated Lab Samples: 35582060016

SAMPLE DUPLICATE: 3648685

Parameter	Units	35581825005 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	22.2	21.6	3	10	

SAMPLE DUPLICATE: 3648686

Parameter	Units	35582060015 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	19.9	16.1	21	10	J(D6)

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
3610 Park Central Blvd N
Pompano Beach, FL 33064
(954)582-4300

QUALITY CONTROL DATA

Project: 040-01-06/Demo B704 SP1-Revised Report
Pace Project No.: 35582258

QC Batch: 1556878
QC Batch Method: SM 2540 G
Analysis Method: SM 2540G
Analysis Description: Total Solids 2540 G-2011
Laboratory: Pace National - Mt. Juliet
Associated Lab Samples: 35582060002, 35582060004, 35582060016

METHOD BLANK: R3580794-1 Matrix: Solid
Associated Lab Samples: 35582060002, 35582060004, 35582060016

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Total Solids	%	ND			10/12/20 14:31	

LABORATORY CONTROL SAMPLE: R3580794-2

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Solids	%	50.0	50.0	100	85.0-115	

SAMPLE DUPLICATE: R3580794-3

Parameter	Units	L1269974-08 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Solids	%	76.4	77.8	1.79	10	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
3610 Park Central Blvd N
Pompano Beach, FL 33064
(954)582-4300

QUALITY CONTROL DATA

Project: 040-01-06/Demo B704 SP1-Revised Report
Pace Project No.: 35582258

QC Batch: 1558665
QC Batch Method: 9012B
Analysis Method: EPA 9012B
Analysis Description: Wet Chemistry 9012B
Laboratory: Pace National - Mt. Juliet
Associated Lab Samples: 35582060002, 35582060004, 35582060016

METHOD BLANK: R3581567-1 Matrix: Solid
Associated Lab Samples: 35582060002, 35582060004, 35582060016

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Cyanide	mg/kg	0.0733 U	0.250	0.0733	10/14/20 16:40	

LABORATORY CONTROL SAMPLE: R3581567-2

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Cyanide	mg/kg	2.50	2.55	102	85.0-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: R3581567-4 R3581567-5

Parameter	Units	L1271310-01 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Cyanide	mg/kg	0.309	1.67	1.67	1.67	1.92	81.7	96.5	75.0-125	13.7	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: R3581567-7 R3581567-8

Parameter	Units	L1272654-01 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Cyanide	mg/kg	6.00	1.67	1.67	5.39	4.57	0.00	0.00	75.0-125	16.4	20	J(ML), L

SAMPLE DUPLICATE: R3581567-3

Parameter	Units	L1270781-01 Result	Dup Result	RPD	Max RPD	Qualifiers
Cyanide	mg/kg	0.640	0.845	27.6	20	J(D8)

SAMPLE DUPLICATE: R3581567-6

Parameter	Units	L1271377-02 Result	Dup Result	RPD	Max RPD	Qualifiers
Cyanide	mg/kg	0.147	0.0733 U	0.00	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
3610 Park Central Blvd N
Pompano Beach, FL 33064
(954)582-4300

QUALIFIERS

Project: 040-01-06/Demo B704 SP1-Revised Report
Pace Project No.: 35582258

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

SAMPLE QUALIFIERS

Sample: 35582060002

[1]	Insufficient sample received from client to perform the analysis per EPA method requirements.

ANALYTE QUALIFIERS

I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
U	Compound was analyzed for but not detected.
J(D6)	Estimated Value. The relative percent difference (RPD) between the sample and sample duplicate exceeded laboratory control limits.
J(D8)	Estimated Value. The sample and duplicate results for this parameter are less than 5 times the reporting limit, the RPD may not be statistically valid.
J(M1)	Estimated Value. Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
J(ML)	Estimated Value. Matrix spike recovery and/or matrix spike duplicate recovery was below laboratory control limits. Result may be biased low.
J(R1)	Estimated Value. RPD value was outside control limits.
J(v1)	The continuing calibration verification was above the method acceptance limit. Any detection for the analyte in the associated samples may have a high bias.
J(v2)	The continuing calibration verification was below the method acceptance limit. The analyte was not detected in the associated samples and the sensitivity of the instrument was verified with a reporting limit check standard.
J(v3)	The continuing calibration verification was below the method acceptance limit. Any detection for the analyte in the associated samples may have a low bias.
L	Off-scale high. Actual value is known to be greater than value given.
N2	The lab does not hold NELAC/TNI accreditation for this parameter but other accreditations/certifications may apply. A complete list of accreditations/certifications is available upon request.

Pace Analytical Services, LLC
3610 Park Central Blvd N
Pompano Beach, FL 33064
(954)582-4300

QUALIFIERS

Project: 040-01-06/Demo B704 SP1-Revised Report
Pace Project No.: 35582258

ANALYTE QUALIFIERS

P1	Routine initial sample volume or weight was not used for extraction, resulting in elevated reporting limits.
V	Indicates that the analyte was detected in both the sample and the associated method blank.

Pace Analytical Services, LLC
3610 Park Central Blvd N
Pompano Beach, FL 33064
(954)582-4300

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 040-01-06/Demo B704 SP1-Revised Report
Pace Project No.: 35582258

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
35582060002	**Demo B704-SP-1-C**	EPA 3546	670868	FL-PRO	670971
35582060004	**Demo B704-SP-1-B**	EPA 3546	670868	FL-PRO	670971
35582060016	**Demo B704 SP-1-A**	EPA 3546	671195	FL-PRO	671283
35582060002	**Demo B704-SP-1-C**	EPA 3050	671306	EPA 6010	671444
35582060004	**Demo B704-SP-1-B**	EPA 3050	671306	EPA 6010	671444
35582060016	**Demo B704 SP-1-A**	EPA 3050	671332	EPA 6010	671447
35582060002	**Demo B704-SP-1-C**	EPA 3010	679081	EPA 6010	679199
35582060002	**Demo B704-SP-1-C**	EPA 3546	670860	EPA 8270	670899
35582060004	**Demo B704-SP-1-B**	EPA 3546	670860	EPA 8270	670899
35582060016	**Demo B704 SP-1-A**	EPA 3546	670860	EPA 8270	670899
35582060002	**Demo B704-SP-1-C**	EPA 5035	670856	EPA 8260	670859
35582060004	**Demo B704-SP-1-B**	EPA 5035	670856	EPA 8260	670859
35582060016	**Demo B704 SP-1-A**	EPA 5035	670856	EPA 8260	670859
35582060002	**Demo B704-SP-1-C**	ASTM D2974-87	670819		
35582060004	**Demo B704-SP-1-B**	ASTM D2974-87	670819		
35582060016	**Demo B704 SP-1-A**	ASTM D2974-87	670822		
35582060002	**Demo B704-SP-1-C**	SM 2540 G	1556878	SM 2540G	1556878
35582060004	**Demo B704-SP-1-B**	SM 2540 G	1556878	SM 2540G	1556878
35582060016	**Demo B704 SP-1-A**	SM 2540 G	1556878	SM 2540G	1556878
35582060002	**Demo B704-SP-1-C**	9012B	1558665	EPA 9012B	1558665
35582060004	**Demo B704-SP-1-B**	9012B	1558665	EPA 9012B	1558665
35582060016	**Demo B704 SP-1-A**	9012B	1558665	EPA 9012B	1558665

Pace Analytical

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Page : Of

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company:	NOVA Consulting, Inc.	Report To:	Rod Buenconsejo	Attention:	Rod Buenconsejo
Address:	10486 NW 31st Terrace, Doral, FL 33172	Copy To:	Valeska Colmenares	Company Name:	Miami-Dade Aviation Department
				Address:	P.O. Box 025504, Miami, Florida 33102-5504
Email:	vcolmenares@nova-consulting.com	Purchase Order #	MDAD Project # P256E	Pace Quote	
Phone:	305-436-9200 Fax:	Project Name:	Demo B704 SP 1	Pace Project Manager:	christina.raschke@pacelabs.com
Requested Due Date:	Standard TAT	Project #:	040-01-06	Pace Profile #:	9513

Regulatory Agency	
State / Location	FL

ITEM #	SAMPLE ID One Character per box. (A-Z, 0-9 / , -) Sample Ids must be unique MATRIX CODE: Drinking Water DW; Water WT; Waste Water WW; Product P; Soil/Solid SL; Oil OL; Wipe WP; Air AR; Other OT; Tissue TS	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED START DATE	COLLECTED START TIME	COLLECTED END DATE	COLLECTED END TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Other	Y/N: Analysis Test	Requested Analysis Filtered (Y/N): 8260 FULL	TRPH FL-PRO	8270 (PAH & Phenol)	6010 (As, Cd, Cr, & Pb)	Ni	Cyanide							Residual Chlorine (Y/N)	
1	Demo B704 - SP - 1A	SL	C	10/1/2020	12:00	10/1/2020	12:00		4	X						X			X	X	X	X	X	X							Standard TAT
2	Demo B704-SP-B	SL	C	10/1/2020	12:07	10/1/2020	12:07		4	X						X			X	X	X	X	X	X							
3	Demo B704-SP-C	SL	C	10/1/2020	12:12	10/1/2020	12:12		4	X						X			X	X	X	X	X	X							
4		SL	C	10/1/2020		10/1/2020			4	X						X			X	X	X	X	X	X							
5		SL	C	10/1/2020		10/1/2020			4	X						X			X	X	X	X	X	X							
6		SL	C	10/1/2020		10/1/2020			4	X						X			X	X	X	X									
7		SL	C	10/1/2020		10/1/2020			4	X						X			X	X	X	X									
8		SL	C	10/1/2020		10/1/2020			4	X						X			X	X	X	X									
9		SL	C	10/1/2020		10/1/2020			4	X						X			X	X	X	X									
10		SL	C	10/1/2020		10/1/2020			4	X						X			X	X	X	X									

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
	F. Bendana / NOVA	10-2-20	1330	[illegible]	10/2/20	1330	

SAMPLER NAME AND SIGNATURE					
PRINT Name of SAMPLER:	Frank Bendana				
SIGNATURE of SAMPLER:		DATE Signed:	10-1-20	TEMP in C	Received on Ice (Y/N) / Custody Sealed Cooler (Y/N) / Samples Intact (Y/N)

Pace Analytical	Document Name: Sample Condition Upon Receipt Form	Document Revised: May 30, 2018
	Document No.: F-FL-C-007 rev. 13	Issuing Authority: Pace Florida Quality Office

Sample Condition Upon Receipt Form (SCUR)

WO# : 35582060

35582060

Project #
Project Manager:
Client:

Date and Initials of person:
Examining contents: SMK
Label:
Deliver:
pH:

Thermometer Used: T-353 Date: 10.02.20 Time: 23:25 Initials: S.C.L

State of Origin: ☐ For WV projects, all containers verified to ≤6 °C

Cooler #1 Temp.°C	3.2 (Visual)	+0.1 (Correction Factor)	3.3 (Actual)	☐ Samples on ice, cooling process has begun
Cooler #2 Temp.°C	(Visual)	(Correction Factor)	(Actual)	☐ Samples on ice, cooling process has begun
Cooler #3 Temp.°C	(Visual)	(Correction Factor)	(Actual)	☐ Samples on ice, cooling process has begun
Cooler #4 Temp.°C	(Visual)	(Correction Factor)	(Actual)	☐ Samples on ice, cooling process has begun
Cooler #5 Temp.°C	(Visual)	(Correction Factor)	(Actual)	☐ Samples on ice, cooling process has begun
Cooler #6 Temp.°C	(Visual)	(Correction Factor)	(Actual)	☐ Samples on ice, cooling process has begun

Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☐ Client ☒ Commercial ☐ Pace ☐ Other

Shipping Method: ☐ First Overnight ☐ Priority Overnight ☐ Standard Overnight ☐ Ground ☐ International Priority ☐ Other

Billing: ☐ Recipient ☐ Sender ☐ Third Party ☐ Credit Card ☐ Unknown

Tracking #

Custody Seal on Cooler/Box Present: ☒ Yes ☐ No **Seals intact:** ☒ Yes ☐ No **Ice:** (Wet) Blue Dry None

Packing Material: ☐ Bubble Wrap ☒ Bubble Bags ☐ None ☐ Other

Samples shorted to lab (If Yes, complete) Shorted Date: Shorted Time: Qty:

		Comments:
Chain of Custody Present	☐Yes ☒No ☐N/A	See below
Chain of Custody Filled Out	☐Yes ☐No ☒N/A	
Relinquished Signature & Sampler Name COC	☐Yes ☐No ☒N/A	
Samples Arrived within Hold Time	☐Yes ☐No ☒N/A	
Rush TAT requested on COC	☐Yes ☐No ☒N/A	
Sufficient Volume	☒Yes ☐No ☐N/A	
Correct Containers Used	☒Yes ☐No ☐N/A	
Containers Intact	☒Yes ☐No ☐N/A	
Sample Labels match COC (sample IDs & date/time of collection)	☐Yes ☐No ☒N/A	
All containers needing acid/base preservation have been checked.	☐Yes ☐No ☒N/A	Preservation Information:
All Containers needing preservation are found to be in compliance with EPA recommendation: Exceptions: VOA, Coliform, TOC, O&G, Carbamates	☐Yes ☐No ☒N/A	Preservative: Lot #/Trace #: Date: Time: Initials:
Headspace in VOA Vials? (>6mm):	☐Yes ☐No ☒N/A	
Trip Blank Present:	☐Yes ☐No ☒N/A	

WO# : 35582060
PM: CTR Due Date: 10/08/20
CLIENT: 36-NOVCON

Client Notification/ Resolution:
Person Contacted: Date/Time:

Comments/ Resolution (use back for additional comments): See attached for Sample ID's and all info on container. Received an WG90 and three VG9W's.

Project Manager Review: Date:

Pace Analytical Services, LLC
3610 Park Central Blvd N
Pompano Beach, FL 33064
(954)582-4300

November 04, 2020

Rod Buenconsejo
Miami-Dade Aviation Department
PO Box 025504
Miami, FL 33102

RE: Project: 040-01-06/Demo B704 SP 1-Revised Report
Pace Project No.: 35586223

Dear Rod Buenconsejo:

Enclosed are the analytical results for sample(s) received by the laboratory on October 20, 2020. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Ormond Beach

Revision 1 - This report replaces the 10/27/2020 report. TCLP Cadmium has been added.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Christina Raschke
christina.raschke@pacelabs.com
(954)582-4300
Project Manager

Enclosures

cc: Valeska Colmenares, Nova Consulting, Inc.
Juan Prieto, Nova Consuting, Inc.

Pace Analytical Services, LLC
3610 Park Central Blvd N
Pompano Beach, FL 33064
(954)582-4300

CERTIFICATIONS

Project: 040-01-06/Demo B704 SP 1-Revised Report
Pace Project No.: 35586223

Pace Analytical Services Ormond Beach
8 East Tower Circle, Ormond Beach, FL 32174
Alaska DEC- CS/UST/LUST
Alabama Certification #: 41320
Arizona Certification# AZ0819
Colorado Certification: FL NELAC Reciprocity
Connecticut Certification #: PH-0216
Delaware Certification: FL NELAC Reciprocity
Florida Certification #: E83079
Georgia Certification #: 955
Guam Certification: FL NELAC Reciprocity
Hawaii Certification: FL NELAC Reciprocity
Illinois Certification #: 200068
Indiana Certification: FL NELAC Reciprocity
Kansas Certification #: E-10383
Kentucky Certification #: 90050
Louisiana Certification #: FL NELAC Reciprocity
Louisiana Environmental Certificate #: 05007
Maryland Certification: #346
Michigan Certification #: 9911
Mississippi Certification: FL NELAC Reciprocity
Missouri Certification #: 236
Montana Certification #: Cert 0074
Nebraska Certification: NE-OS-28-14
New Hampshire Certification #: 2958
New Jersey Certification #: FL022
New York Certification #: 11608
North Carolina Environmental Certificate #: 667
North Carolina Certification #: 12710
North Dakota Certification #: R-216
Ohio DEP 87780
Oklahoma Certification #: D9947
Pennsylvania Certification #: 68-00547
Puerto Rico Certification #: FL01264
South Carolina Certification: #96042001
Tennessee Certification #: TN02974
Texas Certification: FL NELAC Reciprocity
US Virgin Islands Certification: FL NELAC Reciprocity
Virginia Environmental Certification #: 460165
West Virginia Certification #: 9962C
Wisconsin Certification #: 399079670
Wyoming (EPA Region 8): FL NELAC Reciprocity

Pace Analytical Services, LLC
3610 Park Central Blvd N
Pompano Beach, FL 33064
(954)582-4300

SAMPLE SUMMARY

Project: 040-01-06/Demo B704 SP 1-Revised Report
Pace Project No.: 35586223

Lab ID	Sample ID	Matrix	Date Collected	Date Received
35586223001	**Demo B704- SP 1A**	Solid	10/20/20 12:57	10/20/20 17:10
35586223002	**Demo B704- SP 1B**	Solid	10/20/20 13:13	10/20/20 17:10
35586223003	**Demo B704- SP 1C**	Solid	10/20/20 13:32	10/20/20 17:10

Pace Analytical Services, LLC
3610 Park Central Blvd N
Pompano Beach, FL 33064
(954)582-4300

SAMPLE ANALYTE COUNT

Project: 040-01-06/Demo B704 SP 1-Revised Report
Pace Project No.: 35586223

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
35586223001	**Demo B704- SP 1A**	FL-PRO	BMC	3	PASI-O
		EPA 6010	MH1	5	PASI-O
		EPA 8270	TWB	39	PASI-O
		EPA 8260	CLT	70	PASI-O
		ASTM D2974-87	AS3	1	PASI-O
		EPA 9012	MRC	1	PASI-O
35586223002	**Demo B704- SP 1B**	FL-PRO	BMC	3	PASI-O
		EPA 6010	KPP, MH1	5	PASI-O
		EPA 6010	CS2	1	PASI-O
		EPA 8270	TWB	39	PASI-O
		EPA 8260	CLT	70	PASI-O
		ASTM D2974-87	AS3	1	PASI-O
		EPA 9012	MRC	1	PASI-O
35586223003	**Demo B704- SP 1C**	FL-PRO	BMC	3	PASI-O
		EPA 6010	KPP, MH1	5	PASI-O
		EPA 8270	TWB	39	PASI-O
		EPA 8260	CLT	70	PASI-O
		ASTM D2974-87	AS3	1	PASI-O
		EPA 9012	MRC	1	PASI-O

PASI-O = Pace Analytical Services - Ormond Beach

Pace Analytical Services, LLC
3610 Park Central Blvd N
Pompano Beach, FL 33064
(954)582-4300

SUMMARY OF DETECTION

Project: 040-01-06/Demo B704 SP 1-Revised Report
Pace Project No.: 35586223

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
35586223001	**Demo B704- SP 1A**					
EPA 6010	Cadmium	0.87	mg/kg	0.052	10/22/20 22:41	
EPA 6010	Chromium	8.0	mg/kg	0.26	10/22/20 22:41	
EPA 6010	Lead	10.6	mg/kg	0.52	10/22/20 22:41	
EPA 6010	Nickel	6.7	mg/kg	0.26	10/22/20 22:41	
ASTM D2974-87	Percent Moisture	7.5	%	0.10	10/26/20 09:36	
35586223002	**Demo B704- SP 1B**					
EPA 6010	Cadmium	21.1	mg/kg	0.30	10/24/20 12:21	
EPA 6010	Chromium	13.2	mg/kg	0.30	10/22/20 22:44	
EPA 6010	Lead	17.2	mg/kg	0.60	10/22/20 22:44	
EPA 6010	Nickel	11.8	mg/kg	0.30	10/22/20 22:44	
EPA 6010	Cadmium	0.40	mg/L	0.010	11/04/20 14:37	
EPA 8270	Benzo(a)anthracene	0.012 I	mg/kg	0.037	10/23/20 07:28	
EPA 8270	Benzo(a)pyrene	0.011 I	mg/kg	0.037	10/23/20 07:28	
EPA 8270	Benzo(b)fluoranthene	0.013 I	mg/kg	0.037	10/23/20 07:28	
EPA 8270	Benzo(g,h,i)perylene	0.011 I	mg/kg	0.037	10/23/20 07:28	
EPA 8260	Acetone	0.025	mg/kg	0.012	10/23/20 16:54	V
ASTM D2974-87	Percent Moisture	8.8	%	0.10	10/26/20 09:36	
35586223003	**Demo B704- SP 1C**					
EPA 6010	Cadmium	16.1	mg/kg	0.30	10/24/20 12:27	
EPA 6010	Chromium	18.0	mg/kg	0.30	10/22/20 22:48	
EPA 6010	Lead	19.0	mg/kg	0.60	10/22/20 22:48	
EPA 6010	Nickel	37.8	mg/kg	0.30	10/22/20 22:48	
EPA 8260	Acetone	0.022	mg/kg	0.016	10/24/20 21:59	
ASTM D2974-87	Percent Moisture	15.9	%	0.10	10/26/20 09:37	

Pace Analytical Services, LLC
3610 Park Central Blvd N
Pompano Beach, FL 33064
(954)582-4300

ANALYTICAL RESULTS

Project: 040-01-06/Demo B704 SP 1-Revised Report
Pace Project No.: 35586223

Sample: Demo B704- SP 1A **Lab ID: 35586223001** Collected: 10/20/20 12:57 Received: 10/20/20 17:10 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
FL-PRO Soil Microwave	Analytical Method: FL-PRO Preparation Method: EPA 3546 Pace Analytical Services - Ormond Beach								
Petroleum Range Organics	**5.6 U**	mg/kg	6.5	5.6	1	10/22/20 04:37	10/22/20 10:37		
Surrogates									
o-Terphenyl (S)	99	%	66-136		1	10/22/20 04:37	10/22/20 10:37	84-15-1	
N-Pentatriacontane (S)	99	%	42-159		1	10/22/20 04:37	10/22/20 10:37	630-07-09	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050 Pace Analytical Services - Ormond Beach								
Arsenic	**0.26 U**	mg/kg	0.52	0.26	1	10/22/20 11:14	10/22/20 22:41	7440-38-2	
Cadmium	**0.87**	mg/kg	0.052	0.026	1	10/22/20 11:14	10/22/20 22:41	7440-43-9	
Chromium	**8.0**	mg/kg	0.26	0.13	1	10/22/20 11:14	10/22/20 22:41	7440-47-3	
Lead	**10.6**	mg/kg	0.52	0.26	1	10/22/20 11:14	10/22/20 22:41	7439-92-1	
Nickel	**6.7**	mg/kg	0.26	0.13	1	10/22/20 11:14	10/22/20 22:41	7440-02-0	
8270 MSSV Full List Microwave	Analytical Method: EPA 8270 Preparation Method: EPA 3546 Pace Analytical Services - Ormond Beach								
1-Methylnaphthalene	**0.014 U**	mg/kg	0.043	0.014	1	10/21/20 20:18	10/23/20 03:59	90-12-0	
2,3,4,6-Tetrachlorophenol	**0.043 U**	mg/kg	0.36	0.043	1	10/21/20 20:18	10/23/20 03:59	58-90-2	
2,4,5-Trichlorophenol	**0.0072 U**	mg/kg	0.18	0.0072	1	10/21/20 20:18	10/23/20 03:59	95-95-4	
2,4,6-Trichlorophenol	**0.0098 U**	mg/kg	0.18	0.0098	1	10/21/20 20:18	10/23/20 03:59	88-06-2	
2,4-Dichlorophenol	**0.0080 U**	mg/kg	0.18	0.0080	1	10/21/20 20:18	10/23/20 03:59	120-83-2	
2,4-Dimethylphenol	**0.0082 U**	mg/kg	0.18	0.0082	1	10/21/20 20:18	10/23/20 03:59	105-67-9	
2,4-Dinitrophenol	**0.11 U**	mg/kg	0.72	0.11	1	10/21/20 20:18	10/23/20 03:59	51-28-5	J(R1)
2,6-Dichlorophenol	**0.0062 U**	mg/kg	0.18	0.0062	1	10/21/20 20:18	10/23/20 03:59	87-65-0	N2
2-Methylnaphthalene	**0.014 U**	mg/kg	0.042	0.014	1	10/21/20 20:18	10/23/20 03:59	91-57-6	
2-Methylphenol(o-Cresol)	**0.0087 U**	mg/kg	0.18	0.0087	1	10/21/20 20:18	10/23/20 03:59	95-48-7	
2-Nitrophenol	**0.058 U**	mg/kg	0.18	0.058	1	10/21/20 20:18	10/23/20 03:59	88-75-5	
3&4-Methylphenol(m&p Cresol)	**0.0083 U**	mg/kg	0.18	0.0083	1	10/21/20 20:18	10/23/20 03:59		
4,6-Dinitro-2-methylphenol	**0.12 U**	mg/kg	0.72	0.12	1	10/21/20 20:18	10/23/20 03:59	534-52-1	
4-Chloro-3-methylphenol	**0.0072 U**	mg/kg	0.72	0.0072	1	10/21/20 20:18	10/23/20 03:59	59-50-7	
4-Nitrophenol	**0.078 U**	mg/kg	0.23	0.078	1	10/21/20 20:18	10/23/20 03:59	100-02-7	
Acenaphthene	**0.013 U**	mg/kg	0.039	0.013	1	10/21/20 20:18	10/23/20 03:59	83-32-9	
Acenaphthylene	**0.011 U**	mg/kg	0.036	0.011	1	10/21/20 20:18	10/23/20 03:59	208-96-8	
Anthracene	**0.013 U**	mg/kg	0.039	0.013	1	10/21/20 20:18	10/23/20 03:59	120-12-7	
Benzo(a)anthracene	**0.010 U**	mg/kg	0.036	0.010	1	10/21/20 20:18	10/23/20 03:59	56-55-3	
Benzo(a)pyrene	**0.0090 U**	mg/kg	0.036	0.0090	1	10/21/20 20:18	10/23/20 03:59	50-32-8	
Benzo(b)fluoranthene	**0.0097 U**	mg/kg	0.036	0.0097	1	10/21/20 20:18	10/23/20 03:59	205-99-2	
Benzo(g,h,i)perylene	**0.0091 U**	mg/kg	0.036	0.0091	1	10/21/20 20:18	10/23/20 03:59	191-24-2	
Benzo(k)fluoranthene	**0.0097 U**	mg/kg	0.036	0.0097	1	10/21/20 20:18	10/23/20 03:59	207-08-9	
Chrysene	**0.011 U**	mg/kg	0.036	0.011	1	10/21/20 20:18	10/23/20 03:59	218-01-9	
Dibenz(a,h)anthracene	**0.0083 U**	mg/kg	0.036	0.0083	1	10/21/20 20:18	10/23/20 03:59	53-70-3	
Fluoranthene	**0.012 U**	mg/kg	0.036	0.012	1	10/21/20 20:18	10/23/20 03:59	206-44-0	
Fluorene	**0.013 U**	mg/kg	0.040	0.013	1	10/21/20 20:18	10/23/20 03:59	86-73-7	
Indeno(1,2,3-cd)pyrene	**0.0083 U**	mg/kg	0.036	0.0083	1	10/21/20 20:18	10/23/20 03:59	193-39-5	
Naphthalene	**0.012 U**	mg/kg	0.037	0.012	1	10/21/20 20:18	10/23/20 03:59	91-20-3	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
3610 Park Central Blvd N
Pompano Beach, FL 33064
(954)582-4300

ANALYTICAL RESULTS

Project: 040-01-06/Demo B704 SP 1-Revised Report
Pace Project No.: 35586223

Sample: Demo B704- SP 1A **Lab ID: 35586223001** Collected: 10/20/20 12:57 Received: 10/20/20 17:10 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Full List Microwave	Analytical Method: EPA 8270 Preparation Method: EPA 3546 Pace Analytical Services - Ormond Beach								
Pentachlorophenol	**0.093 U**	mg/kg	0.72	0.093	1	10/21/20 20:18	10/23/20 03:59	87-86-5	
Phenanthrene	**0.012 U**	mg/kg	0.036	0.012	1	10/21/20 20:18	10/23/20 03:59	85-01-8	
Phenol	**0.010 U**	mg/kg	0.18	0.010	1	10/21/20 20:18	10/23/20 03:59	108-95-2	
Pyrene	**0.011 U**	mg/kg	0.036	0.011	1	10/21/20 20:18	10/23/20 03:59	129-00-0	
Surrogates									
Nitrobenzene-d5 (S)	70	%	24-98		1	10/21/20 20:18	10/23/20 03:59	4165-60-0	
2-Fluorobiphenyl (S)	71	%	29-101		1	10/21/20 20:18	10/23/20 03:59	321-60-8	
p-Terphenyl-d14 (S)	82	%	29-112		1	10/21/20 20:18	10/23/20 03:59	1718-51-0	
Phenol-d5 (S)	71	%	10-104		1	10/21/20 20:18	10/23/20 03:59	4165-62-2	
2-Fluorophenol (S)	64	%	19-95		1	10/21/20 20:18	10/23/20 03:59	367-12-4	
2,4,6-Tribromophenol (S)	67	%	23-110		1	10/21/20 20:18	10/23/20 03:59	118-79-6	
8260 MSV 5035	Analytical Method: EPA 8260 Preparation Method: EPA 5035 Pace Analytical Services - Ormond Beach								
1,1,1,2-Tetrachloroethane	**0.0014 U**	mg/kg	0.0029	0.0014	1	10/23/20 08:19	10/23/20 16:07	630-20-6	
1,1,1-Trichloroethane	**0.0016 U**	mg/kg	0.0029	0.0016	1	10/23/20 08:19	10/23/20 16:07	71-55-6	
1,1,2,2-Tetrachloroethane	**0.0014 U**	mg/kg	0.0029	0.0014	1	10/23/20 08:19	10/23/20 16:07	79-34-5	
1,1,2-Trichloroethane	**0.0014 U**	mg/kg	0.0029	0.0014	1	10/23/20 08:19	10/23/20 16:07	79-00-5	
1,1-Dichloroethane	**0.0016 U**	mg/kg	0.0029	0.0016	1	10/23/20 08:19	10/23/20 16:07	75-34-3	
1,1-Dichloroethene	**0.0014 U**	mg/kg	0.0029	0.0014	1	10/23/20 08:19	10/23/20 16:07	75-35-4	
1,1-Dichloropropene	**0.0015 U**	mg/kg	0.0029	0.0015	1	10/23/20 08:19	10/23/20 16:07	563-58-6	
1,2,3-Trichlorobenzene	**0.0014 U**	mg/kg	0.0029	0.0014	1	10/23/20 08:19	10/23/20 16:07	87-61-6	
1,2,3-Trichloropropane	**0.0014 U**	mg/kg	0.0029	0.0014	1	10/23/20 08:19	10/23/20 16:07	96-18-4	
1,2,3-Trimethylbenzene	**0.0014 U**	mg/kg	0.0029	0.0014	1	10/23/20 08:19	10/23/20 16:07	526-73-8	N2
1,2,4-Trichlorobenzene	**0.0014 U**	mg/kg	0.0029	0.0014	1	10/23/20 08:19	10/23/20 16:07	120-82-1	
1,2,4-Trimethylbenzene	**0.0016 U**	mg/kg	0.0029	0.0016	1	10/23/20 08:19	10/23/20 16:07	95-63-6	
1,2-Dichlorobenzene	**0.0014 U**	mg/kg	0.0029	0.0014	1	10/23/20 08:19	10/23/20 16:07	95-50-1	
1,2-Dichloroethane	**0.0014 U**	mg/kg	0.0029	0.0014	1	10/23/20 08:19	10/23/20 16:07	107-06-2	
1,2-Dichloropropane	**0.0014 U**	mg/kg	0.0029	0.0014	1	10/23/20 08:19	10/23/20 16:07	78-87-5	
1,3,5-Trimethylbenzene	**0.0017 U**	mg/kg	0.0029	0.0017	1	10/23/20 08:19	10/23/20 16:07	108-67-8	
1,3-Dichlorobenzene	**0.0014 U**	mg/kg	0.0029	0.0014	1	10/23/20 08:19	10/23/20 16:07	541-73-1	
1,3-Dichloropropane	**0.0014 U**	mg/kg	0.0029	0.0014	1	10/23/20 08:19	10/23/20 16:07	142-28-9	
1,4-Dichlorobenzene	**0.0014 U**	mg/kg	0.0029	0.0014	1	10/23/20 08:19	10/23/20 16:07	106-46-7	
2,2-Dichloropropane	**0.0015 U**	mg/kg	0.0029	0.0015	1	10/23/20 08:19	10/23/20 16:07	594-20-7	
2-Butanone (MEK)	**0.0029 U**	mg/kg	0.029	0.0029	1	10/23/20 08:19	10/23/20 16:07	78-93-3	
2-Chloroethylvinyl ether	**0.0057 U**	mg/kg	0.011	0.0057	1	10/23/20 08:19	10/23/20 16:07	110-75-8	
2-Chlorotoluene	**0.0014 U**	mg/kg	0.0029	0.0014	1	10/23/20 08:19	10/23/20 16:07	95-49-8	
2-Hexanone	**0.0029 U**	mg/kg	0.014	0.0029	1	10/23/20 08:19	10/23/20 16:07	591-78-6	
4-Chlorotoluene	**0.0014 U**	mg/kg	0.0029	0.0014	1	10/23/20 08:19	10/23/20 16:07	106-43-4	
4-Methyl-2-pentanone (MIBK)	**0.0029 U**	mg/kg	0.014	0.0029	1	10/23/20 08:19	10/23/20 16:07	108-10-1	
Acetone	**0.0057 U**	mg/kg	0.014	0.0057	1	10/23/20 08:19	10/23/20 16:07	67-64-1	
Acetonitrile	**0.014 U**	mg/kg	0.029	0.014	1	10/23/20 08:19	10/23/20 16:07	75-05-8	
Benzene	**0.0015 U**	mg/kg	0.0029	0.0015	1	10/23/20 08:19	10/23/20 16:07	71-43-2	
Bromobenzene	**0.0014 U**	mg/kg	0.0029	0.0014	1	10/23/20 08:19	10/23/20 16:07	108-86-1	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
3610 Park Central Blvd N
Pompano Beach, FL 33064
(954)582-4300

ANALYTICAL RESULTS

Project: 040-01-06/Demo B704 SP 1-Revised Report
Pace Project No.: 35586223

Sample: Demo B704- SP 1A **Lab ID: 35586223001** Collected: 10/20/20 12:57 Received: 10/20/20 17:10 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035	Analytical Method: EPA 8260 Preparation Method: EPA 5035 Pace Analytical Services - Ormond Beach								
Bromochloromethane	**0.0014 U**	mg/kg	0.0029	0.0014	1	10/23/20 08:19	10/23/20 16:07	74-97-5	
Bromodichloromethane	**0.0014 U**	mg/kg	0.0029	0.0014	1	10/23/20 08:19	10/23/20 16:07	75-27-4	
Bromoform	**0.0014 U**	mg/kg	0.0029	0.0014	1	10/23/20 08:19	10/23/20 16:07	75-25-2	
Bromomethane	**0.0014 U**	mg/kg	0.0029	0.0014	1	10/23/20 08:19	10/23/20 16:07	74-83-9	
Carbon disulfide	**0.0014 U**	mg/kg	0.0029	0.0014	1	10/23/20 08:19	10/23/20 16:07	75-15-0	J(v2)
Carbon tetrachloride	**0.0014 U**	mg/kg	0.0029	0.0014	1	10/23/20 08:19	10/23/20 16:07	56-23-5	
Chlorobenzene	**0.0014 U**	mg/kg	0.0029	0.0014	1	10/23/20 08:19	10/23/20 16:07	108-90-7	
Chloroethane	**0.0021 U**	mg/kg	0.0029	0.0021	1	10/23/20 08:19	10/23/20 16:07	75-00-3	J(v2)
Chloroform	**0.0017 U**	mg/kg	0.0029	0.0017	1	10/23/20 08:19	10/23/20 16:07	67-66-3	
Chloromethane	**0.0016 U**	mg/kg	0.0029	0.0016	1	10/23/20 08:19	10/23/20 16:07	74-87-3	
Dibromochloromethane	**0.0014 U**	mg/kg	0.0029	0.0014	1	10/23/20 08:19	10/23/20 16:07	124-48-1	
Dibromomethane	**0.0014 U**	mg/kg	0.0029	0.0014	1	10/23/20 08:19	10/23/20 16:07	74-95-3	
Dichlorodifluoromethane	**0.0015 U**	mg/kg	0.0029	0.0015	1	10/23/20 08:19	10/23/20 16:07	75-71-8	J(v2)
Ethylbenzene	**0.0016 U**	mg/kg	0.0029	0.0016	1	10/23/20 08:19	10/23/20 16:07	100-41-4	
Iodomethane	**0.0029 U**	mg/kg	0.0057	0.0029	1	10/23/20 08:19	10/23/20 16:07	74-88-4	J(v2)
Isopropylbenzene (Cumene)	**0.0017 U**	mg/kg	0.0029	0.0017	1	10/23/20 08:19	10/23/20 16:07	98-82-8	
Methyl-tert-butyl ether	**0.0014 U**	mg/kg	0.0029	0.0014	1	10/23/20 08:19	10/23/20 16:07	1634-04-4	
Methylene Chloride	**0.0014 U**	mg/kg	0.0029	0.0014	1	10/23/20 08:19	10/23/20 16:07	75-09-2	
Styrene	**0.0014 U**	mg/kg	0.0029	0.0014	1	10/23/20 08:19	10/23/20 16:07	100-42-5	
Tetrachloroethene	**0.0014 U**	mg/kg	0.0029	0.0014	1	10/23/20 08:19	10/23/20 16:07	127-18-4	
Toluene	**0.0015 U**	mg/kg	0.0029	0.0015	1	10/23/20 08:19	10/23/20 16:07	108-88-3	
Trichloroethene	**0.0016 U**	mg/kg	0.0029	0.0016	1	10/23/20 08:19	10/23/20 16:07	79-01-6	
Trichlorofluoromethane	**0.0016 U**	mg/kg	0.0029	0.0016	1	10/23/20 08:19	10/23/20 16:07	75-69-4	
Vinyl acetate	**0.0014 U**	mg/kg	0.0029	0.0014	1	10/23/20 08:19	10/23/20 16:07	108-05-4	
Vinyl chloride	**0.0015 U**	mg/kg	0.0029	0.0015	1	10/23/20 08:19	10/23/20 16:07	75-01-4	
Xylene (Total)	**0.0030 U**	mg/kg	0.0086	0.0030	1	10/23/20 08:19	10/23/20 16:07	1330-20-7	
cis-1,2-Dichloroethene	**0.0014 U**	mg/kg	0.0029	0.0014	1	10/23/20 08:19	10/23/20 16:07	156-59-2	
cis-1,3-Dichloropropene	**0.0014 U**	mg/kg	0.0029	0.0014	1	10/23/20 08:19	10/23/20 16:07	10061-01-5	
m&p-Xylene	**0.0030 U**	mg/kg	0.0057	0.0030	1	10/23/20 08:19	10/23/20 16:07	179601-23-1	
n-Butylbenzene	**0.0017 U**	mg/kg	0.0029	0.0017	1	10/23/20 08:19	10/23/20 16:07	104-51-8	
n-Propylbenzene	**0.0015 U**	mg/kg	0.0029	0.0015	1	10/23/20 08:19	10/23/20 16:07	103-65-1	
o-Xylene	**0.0015 U**	mg/kg	0.0029	0.0015	1	10/23/20 08:19	10/23/20 16:07	95-47-6	
p-Isopropyltoluene	**0.0017 U**	mg/kg	0.0029	0.0017	1	10/23/20 08:19	10/23/20 16:07	99-87-6	
sec-Butylbenzene	**0.0017 U**	mg/kg	0.0029	0.0017	1	10/23/20 08:19	10/23/20 16:07	135-98-8	
tert-Butylbenzene	**0.0017 U**	mg/kg	0.0029	0.0017	1	10/23/20 08:19	10/23/20 16:07	98-06-6	
trans-1,2-Dichloroethene	**0.0018 U**	mg/kg	0.0029	0.0018	1	10/23/20 08:19	10/23/20 16:07	156-60-5	
trans-1,3-Dichloropropene	**0.0014 U**	mg/kg	0.0029	0.0014	1	10/23/20 08:19	10/23/20 16:07	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	97	%	68-125		1	10/23/20 08:19	10/23/20 16:07	460-00-4	
Toluene-d8 (S)	96	%	70-130		1	10/23/20 08:19	10/23/20 16:07	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	105	%	70-130		1	10/23/20 08:19	10/23/20 16:07	2199-69-1	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
3610 Park Central Blvd N
Pompano Beach, FL 33064
(954)582-4300

ANALYTICAL RESULTS

Project: 040-01-06/Demo B704 SP 1-Revised Report
Pace Project No.: 35586223

Sample: Demo B704- SP 1A **Lab ID: 35586223001** Collected: 10/20/20 12:57 Received: 10/20/20 17:10 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Ormond Beach								
Percent Moisture	**7.5**	%	0.10	0.10	1		10/26/20 09:36		
9012 Cyanide, Total	Analytical Method: EPA 9012 Preparation Method: EPA 9012 Pace Analytical Services - Ormond Beach								
Cyanide	**0.15 U**	mg/kg	0.27	0.15	1	10/26/20 13:45	10/27/20 11:37	57-12-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
3610 Park Central Blvd N
Pompano Beach, FL 33064
(954)582-4300

ANALYTICAL RESULTS

Project: 040-01-06/Demo B704 SP 1-Revised Report
Pace Project No.: 35586223

Sample: Demo B704- SP 1B **Lab ID: 35586223002** Collected: 10/20/20 13:13 Received: 10/20/20 17:10 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
FL-PRO Soil Microwave	Analytical Method: FL-PRO Preparation Method: EPA 3546 Pace Analytical Services - Ormond Beach								
Petroleum Range Organics	**5.6 U**	mg/kg	6.5	5.6	1	10/22/20 04:37	10/22/20 11:09		
Surrogates									
o-Terphenyl (S)	101	%	66-136		1	10/22/20 04:37	10/22/20 11:09	84-15-1	
N-Pentatriacontane (S)	99	%	42-159		1	10/22/20 04:37	10/22/20 11:09	630-07-09	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050 Pace Analytical Services - Ormond Beach								
Arsenic	**0.30 U**	mg/kg	0.60	0.30	1	10/22/20 11:14	10/22/20 22:44	7440-38-2	
Cadmium	**21.1**	mg/kg	0.30	0.15	5	10/22/20 11:14	10/24/20 12:21	7440-43-9	
Chromium	**13.2**	mg/kg	0.30	0.15	1	10/22/20 11:14	10/22/20 22:44	7440-47-3	
Lead	**17.2**	mg/kg	0.60	0.30	1	10/22/20 11:14	10/22/20 22:44	7439-92-1	
Nickel	**11.8**	mg/kg	0.30	0.15	1	10/22/20 11:14	10/22/20 22:44	7440-02-0	
6010 MET ICP, TCLP	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Leachate Method/Date: EPA 1311; 11/02/20 11:26 Pace Analytical Services - Ormond Beach								
Cadmium	**0.40**	mg/L	0.010	0.0033	1	11/04/20 11:03	11/04/20 14:37	7440-43-9	
8270 MSSV Full List Microwave	Analytical Method: EPA 8270 Preparation Method: EPA 3546 Pace Analytical Services - Ormond Beach								
1-Methylnaphthalene	**0.014 U**	mg/kg	0.044	0.014	1	10/21/20 20:18	10/23/20 07:28	90-12-0	
2,3,4,6-Tetrachlorophenol	**0.044 U**	mg/kg	0.37	0.044	1	10/21/20 20:18	10/23/20 07:28	58-90-2	
2,4,5-Trichlorophenol	**0.0073 U**	mg/kg	0.19	0.0073	1	10/21/20 20:18	10/23/20 07:28	95-95-4	
2,4,6-Trichlorophenol	**0.010 U**	mg/kg	0.19	0.010	1	10/21/20 20:18	10/23/20 07:28	88-06-2	
2,4-Dichlorophenol	**0.0082 U**	mg/kg	0.19	0.0082	1	10/21/20 20:18	10/23/20 07:28	120-83-2	
2,4-Dimethylphenol	**0.0084 U**	mg/kg	0.19	0.0084	1	10/21/20 20:18	10/23/20 07:28	105-67-9	
2,4-Dinitrophenol	**0.11 U**	mg/kg	0.73	0.11	1	10/21/20 20:18	10/23/20 07:28	51-28-5	
2,6-Dichlorophenol	**0.0063 U**	mg/kg	0.19	0.0063	1	10/21/20 20:18	10/23/20 07:28	87-65-0	N2
2-Methylnaphthalene	**0.014 U**	mg/kg	0.042	0.014	1	10/21/20 20:18	10/23/20 07:28	91-57-6	
2-Methylphenol(o-Cresol)	**0.0089 U**	mg/kg	0.19	0.0089	1	10/21/20 20:18	10/23/20 07:28	95-48-7	
2-Nitrophenol	**0.059 U**	mg/kg	0.19	0.059	1	10/21/20 20:18	10/23/20 07:28	88-75-5	
3&4-Methylphenol(m&p Cresol)	**0.0084 U**	mg/kg	0.19	0.0084	1	10/21/20 20:18	10/23/20 07:28		
4,6-Dinitro-2-methylphenol	**0.12 U**	mg/kg	0.73	0.12	1	10/21/20 20:18	10/23/20 07:28	534-52-1	
4-Chloro-3-methylphenol	**0.0074 U**	mg/kg	0.73	0.0074	1	10/21/20 20:18	10/23/20 07:28	59-50-7	
4-Nitrophenol	**0.079 U**	mg/kg	0.24	0.079	1	10/21/20 20:18	10/23/20 07:28	100-02-7	
Acenaphthene	**0.013 U**	mg/kg	0.039	0.013	1	10/21/20 20:18	10/23/20 07:28	83-32-9	
Acenaphthylene	**0.012 U**	mg/kg	0.037	0.012	1	10/21/20 20:18	10/23/20 07:28	208-96-8	
Anthracene	**0.013 U**	mg/kg	0.039	0.013	1	10/21/20 20:18	10/23/20 07:28	120-12-7	
Benzo(a)anthracene	**0.012 I**	mg/kg	0.037	0.011	1	10/21/20 20:18	10/23/20 07:28	56-55-3	
Benzo(a)pyrene	**0.011 I**	mg/kg	0.037	0.0091	1	10/21/20 20:18	10/23/20 07:28	50-32-8	
Benzo(b)fluoranthene	**0.013 I**	mg/kg	0.037	0.0098	1	10/21/20 20:18	10/23/20 07:28	205-99-2	
Benzo(g,h,i)perylene	**0.011 I**	mg/kg	0.037	0.0093	1	10/21/20 20:18	10/23/20 07:28	191-24-2	
Benzo(k)fluoranthene	**0.0099 U**	mg/kg	0.037	0.0099	1	10/21/20 20:18	10/23/20 07:28	207-08-9	
Chrysene	**0.012 U**	mg/kg	0.037	0.012	1	10/21/20 20:18	10/23/20 07:28	218-01-9	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
3610 Park Central Blvd N
Pompano Beach, FL 33064
(954)582-4300

ANALYTICAL RESULTS

Project: 040-01-06/Demo B704 SP 1-Revised Report
Pace Project No.: 35586223

Sample: Demo B704- SP 1B **Lab ID: 35586223002** Collected: 10/20/20 13:13 Received: 10/20/20 17:10 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Full List Microwave	Analytical Method: EPA 8270 Preparation Method: EPA 3546 Pace Analytical Services - Ormond Beach								
Dibenz(a,h)anthracene	**0.0085 U**	mg/kg	0.037	0.0085	1	10/21/20 20:18	10/23/20 07:28	53-70-3	
Fluoranthene	**0.012 U**	mg/kg	0.037	0.012	1	10/21/20 20:18	10/23/20 07:28	206-44-0	
Fluorene	**0.013 U**	mg/kg	0.040	0.013	1	10/21/20 20:18	10/23/20 07:28	86-73-7	
Indeno(1,2,3-cd)pyrene	**0.0084 U**	mg/kg	0.037	0.0084	1	10/21/20 20:18	10/23/20 07:28	193-39-5	
Naphthalene	**0.013 U**	mg/kg	0.038	0.013	1	10/21/20 20:18	10/23/20 07:28	91-20-3	
Pentachlorophenol	**0.095 U**	mg/kg	0.73	0.095	1	10/21/20 20:18	10/23/20 07:28	87-86-5	
Phenanthrene	**0.012 U**	mg/kg	0.037	0.012	1	10/21/20 20:18	10/23/20 07:28	85-01-8	
Phenol	**0.010 U**	mg/kg	0.19	0.010	1	10/21/20 20:18	10/23/20 07:28	108-95-2	
Pyrene	**0.012 U**	mg/kg	0.037	0.012	1	10/21/20 20:18	10/23/20 07:28	129-00-0	
Surrogates									
Nitrobenzene-d5 (S)	68	%	24-98		1	10/21/20 20:18	10/23/20 07:28	4165-60-0	
2-Fluorobiphenyl (S)	71	%	29-101		1	10/21/20 20:18	10/23/20 07:28	321-60-8	
p-Terphenyl-d14 (S)	82	%	29-112		1	10/21/20 20:18	10/23/20 07:28	1718-51-0	
Phenol-d5 (S)	68	%	10-104		1	10/21/20 20:18	10/23/20 07:28	4165-62-2	
2-Fluorophenol (S)	63	%	19-95		1	10/21/20 20:18	10/23/20 07:28	367-12-4	
2,4,6-Tribromophenol (S)	71	%	23-110		1	10/21/20 20:18	10/23/20 07:28	118-79-6	
8260 MSV 5035	Analytical Method: EPA 8260 Preparation Method: EPA 5035 Pace Analytical Services - Ormond Beach								
1,1,1,2-Tetrachloroethane	**0.0012 U**	mg/kg	0.0025	0.0012	1	10/23/20 08:19	10/23/20 16:54	630-20-6	
1,1,1-Trichloroethane	**0.0014 U**	mg/kg	0.0025	0.0014	1	10/23/20 08:19	10/23/20 16:54	71-55-6	
1,1,2,2-Tetrachloroethane	**0.0012 U**	mg/kg	0.0025	0.0012	1	10/23/20 08:19	10/23/20 16:54	79-34-5	
1,1,2-Trichloroethane	**0.0012 U**	mg/kg	0.0025	0.0012	1	10/23/20 08:19	10/23/20 16:54	79-00-5	
1,1-Dichloroethane	**0.0014 U**	mg/kg	0.0025	0.0014	1	10/23/20 08:19	10/23/20 16:54	75-34-3	
1,1-Dichloroethene	**0.0012 U**	mg/kg	0.0025	0.0012	1	10/23/20 08:19	10/23/20 16:54	75-35-4	
1,1-Dichloropropene	**0.0013 U**	mg/kg	0.0025	0.0013	1	10/23/20 08:19	10/23/20 16:54	563-58-6	
1,2,3-Trichlorobenzene	**0.0012 U**	mg/kg	0.0025	0.0012	1	10/23/20 08:19	10/23/20 16:54	87-61-6	J(M1)
1,2,3-Trichloropropane	**0.0012 U**	mg/kg	0.0025	0.0012	1	10/23/20 08:19	10/23/20 16:54	96-18-4	
1,2,3-Trimethylbenzene	**0.0012 U**	mg/kg	0.0025	0.0012	1	10/23/20 08:19	10/23/20 16:54	526-73-8	J(M1), N2
1,2,4-Trichlorobenzene	**0.0012 U**	mg/kg	0.0025	0.0012	1	10/23/20 08:19	10/23/20 16:54	120-82-1	J(M1)
1,2,4-Trimethylbenzene	**0.0014 U**	mg/kg	0.0025	0.0014	1	10/23/20 08:19	10/23/20 16:54	95-63-6	J(M1)
1,2-Dichlorobenzene	**0.0012 U**	mg/kg	0.0025	0.0012	1	10/23/20 08:19	10/23/20 16:54	95-50-1	J(M1)
1,2-Dichloroethane	**0.0012 U**	mg/kg	0.0025	0.0012	1	10/23/20 08:19	10/23/20 16:54	107-06-2	
1,2-Dichloropropane	**0.0012 U**	mg/kg	0.0025	0.0012	1	10/23/20 08:19	10/23/20 16:54	78-87-5	
1,3,5-Trimethylbenzene	**0.0014 U**	mg/kg	0.0025	0.0014	1	10/23/20 08:19	10/23/20 16:54	108-67-8	J(M1)
1,3-Dichlorobenzene	**0.0012 U**	mg/kg	0.0025	0.0012	1	10/23/20 08:19	10/23/20 16:54	541-73-1	J(M1)
1,3-Dichloropropane	**0.0012 U**	mg/kg	0.0025	0.0012	1	10/23/20 08:19	10/23/20 16:54	142-28-9	
1,4-Dichlorobenzene	**0.0012 U**	mg/kg	0.0025	0.0012	1	10/23/20 08:19	10/23/20 16:54	106-46-7	J(M1)
2,2-Dichloropropane	**0.0013 U**	mg/kg	0.0025	0.0013	1	10/23/20 08:19	10/23/20 16:54	594-20-7	
2-Butanone (MEK)	**0.0025 U**	mg/kg	0.025	0.0025	1	10/23/20 08:19	10/23/20 16:54	78-93-3	
2-Chloroethylvinyl ether	**0.0050 U**	mg/kg	0.0099	0.0050	1	10/23/20 08:19	10/23/20 16:54	110-75-8	
2-Chlorotoluene	**0.0012 U**	mg/kg	0.0025	0.0012	1	10/23/20 08:19	10/23/20 16:54	95-49-8	J(M1)
2-Hexanone	**0.0025 U**	mg/kg	0.012	0.0025	1	10/23/20 08:19	10/23/20 16:54	591-78-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
3610 Park Central Blvd N
Pompano Beach, FL 33064
(954)582-4300

ANALYTICAL RESULTS

Project: 040-01-06/Demo B704 SP 1-Revised Report
Pace Project No.: 35586223

Sample: Demo B704- SP 1B **Lab ID: 35586223002** Collected: 10/20/20 13:13 Received: 10/20/20 17:10 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035	Analytical Method: EPA 8260 Preparation Method: EPA 5035 Pace Analytical Services - Ormond Beach								
4-Chlorotoluene	**0.0012 U**	mg/kg	0.0025	0.0012	1	10/23/20 08:19	10/23/20 16:54	106-43-4	J(M1)
4-Methyl-2-pentanone (MIBK)	**0.0025 U**	mg/kg	0.012	0.0025	1	10/23/20 08:19	10/23/20 16:54	108-10-1	
Acetone	**0.025**	mg/kg	0.012	0.0050	1	10/23/20 08:19	10/23/20 16:54	67-64-1	V
Acetonitrile	**0.012 U**	mg/kg	0.025	0.012	1	10/23/20 08:19	10/23/20 16:54	75-05-8	
Benzene	**0.0013 U**	mg/kg	0.0025	0.0013	1	10/23/20 08:19	10/23/20 16:54	71-43-2	
Bromobenzene	**0.0012 U**	mg/kg	0.0025	0.0012	1	10/23/20 08:19	10/23/20 16:54	108-86-1	J(M1)
Bromochloromethane	**0.0012 U**	mg/kg	0.0025	0.0012	1	10/23/20 08:19	10/23/20 16:54	74-97-5	
Bromodichloromethane	**0.0012 U**	mg/kg	0.0025	0.0012	1	10/23/20 08:19	10/23/20 16:54	75-27-4	
Bromoform	**0.0012 U**	mg/kg	0.0025	0.0012	1	10/23/20 08:19	10/23/20 16:54	75-25-2	
Bromomethane	**0.0012 U**	mg/kg	0.0025	0.0012	1	10/23/20 08:19	10/23/20 16:54	74-83-9	
Carbon disulfide	**0.0012 U**	mg/kg	0.0025	0.0012	1	10/23/20 08:19	10/23/20 16:54	75-15-0	J(v2)
Carbon tetrachloride	**0.0012 U**	mg/kg	0.0025	0.0012	1	10/23/20 08:19	10/23/20 16:54	56-23-5	
Chlorobenzene	**0.0012 U**	mg/kg	0.0025	0.0012	1	10/23/20 08:19	10/23/20 16:54	108-90-7	J(M1)
Chloroethane	**0.0018 U**	mg/kg	0.0025	0.0018	1	10/23/20 08:19	10/23/20 16:54	75-00-3	J(M1), J(v2)
Chloroform	**0.0015 U**	mg/kg	0.0025	0.0015	1	10/23/20 08:19	10/23/20 16:54	67-66-3	
Chloromethane	**0.0014 U**	mg/kg	0.0025	0.0014	1	10/23/20 08:19	10/23/20 16:54	74-87-3	
Dibromochloromethane	**0.0012 U**	mg/kg	0.0025	0.0012	1	10/23/20 08:19	10/23/20 16:54	124-48-1	
Dibromomethane	**0.0012 U**	mg/kg	0.0025	0.0012	1	10/23/20 08:19	10/23/20 16:54	74-95-3	
Dichlorodifluoromethane	**0.0013 U**	mg/kg	0.0025	0.0013	1	10/23/20 08:19	10/23/20 16:54	75-71-8	J(v2)
Ethylbenzene	**0.0014 U**	mg/kg	0.0025	0.0014	1	10/23/20 08:19	10/23/20 16:54	100-41-4	J(M1)
Iodomethane	**0.0025 U**	mg/kg	0.0050	0.0025	1	10/23/20 08:19	10/23/20 16:54	74-88-4	J(v2)
Isopropylbenzene (Cumene)	**0.0014 U**	mg/kg	0.0025	0.0014	1	10/23/20 08:19	10/23/20 16:54	98-82-8	J(M1)
Methyl-tert-butyl ether	**0.0012 U**	mg/kg	0.0025	0.0012	1	10/23/20 08:19	10/23/20 16:54	1634-04-4	
Methylene Chloride	**0.0012 U**	mg/kg	0.0025	0.0012	1	10/23/20 08:19	10/23/20 16:54	75-09-2	
Styrene	**0.0012 U**	mg/kg	0.0025	0.0012	1	10/23/20 08:19	10/23/20 16:54	100-42-5	J(M1)
Tetrachloroethene	**0.0012 U**	mg/kg	0.0025	0.0012	1	10/23/20 08:19	10/23/20 16:54	127-18-4	
Toluene	**0.0013 U**	mg/kg	0.0025	0.0013	1	10/23/20 08:19	10/23/20 16:54	108-88-3	
Trichloroethene	**0.0014 U**	mg/kg	0.0025	0.0014	1	10/23/20 08:19	10/23/20 16:54	79-01-6	
Trichlorofluoromethane	**0.0013 U**	mg/kg	0.0025	0.0013	1	10/23/20 08:19	10/23/20 16:54	75-69-4	
Vinyl acetate	**0.0013 U**	mg/kg	0.0025	0.0013	1	10/23/20 08:19	10/23/20 16:54	108-05-4	J(M1)
Vinyl chloride	**0.0013 U**	mg/kg	0.0025	0.0013	1	10/23/20 08:19	10/23/20 16:54	75-01-4	
Xylene (Total)	**0.0026 U**	mg/kg	0.0074	0.0026	1	10/23/20 08:19	10/23/20 16:54	1330-20-7	MS
cis-1,2-Dichloroethene	**0.0012 U**	mg/kg	0.0025	0.0012	1	10/23/20 08:19	10/23/20 16:54	156-59-2	
cis-1,3-Dichloropropene	**0.0012 U**	mg/kg	0.0025	0.0012	1	10/23/20 08:19	10/23/20 16:54	10061-01-5	
m&p-Xylene	**0.0026 U**	mg/kg	0.0050	0.0026	1	10/23/20 08:19	10/23/20 16:54	179601-23-1	J(M1)
n-Butylbenzene	**0.0015 U**	mg/kg	0.0025	0.0015	1	10/23/20 08:19	10/23/20 16:54	104-51-8	J(M1)
n-Propylbenzene	**0.0013 U**	mg/kg	0.0025	0.0013	1	10/23/20 08:19	10/23/20 16:54	103-65-1	J(M1)
o-Xylene	**0.0013 U**	mg/kg	0.0025	0.0013	1	10/23/20 08:19	10/23/20 16:54	95-47-6	J(M1)
p-Isopropyltoluene	**0.0015 U**	mg/kg	0.0025	0.0015	1	10/23/20 08:19	10/23/20 16:54	99-87-6	J(M1)
sec-Butylbenzene	**0.0014 U**	mg/kg	0.0025	0.0014	1	10/23/20 08:19	10/23/20 16:54	135-98-8	J(M1)
tert-Butylbenzene	**0.0014 U**	mg/kg	0.0025	0.0014	1	10/23/20 08:19	10/23/20 16:54	98-06-6	J(M1)
trans-1,2-Dichloroethene	**0.0015 U**	mg/kg	0.0025	0.0015	1	10/23/20 08:19	10/23/20 16:54	156-60-5	
trans-1,3-Dichloropropene	**0.0012 U**	mg/kg	0.0025	0.0012	1	10/23/20 08:19	10/23/20 16:54	10061-02-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
3610 Park Central Blvd N
Pompano Beach, FL 33064
(954)582-4300

ANALYTICAL RESULTS

Project: 040-01-06/Demo B704 SP 1-Revised Report
Pace Project No.: 35586223

Sample: Demo B704- SP 1B **Lab ID: 35586223002** Collected: 10/20/20 13:13 Received: 10/20/20 17:10 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035	Analytical Method: EPA 8260 Preparation Method: EPA 5035 Pace Analytical Services - Ormond Beach								
Surrogates									
4-Bromofluorobenzene (S)	97	%	68-125		1	10/23/20 08:19	10/23/20 16:54	460-00-4	
Toluene-d8 (S)	95	%	70-130		1	10/23/20 08:19	10/23/20 16:54	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		1	10/23/20 08:19	10/23/20 16:54	2199-69-1	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Ormond Beach								
Percent Moisture	**8.8**	%	0.10	0.10	1		10/26/20 09:36		
9012 Cyanide, Total	Analytical Method: EPA 9012 Preparation Method: EPA 9012 Pace Analytical Services - Ormond Beach								
Cyanide	**0.15 U**	mg/kg	0.26	0.15	1	10/26/20 13:45	10/27/20 11:40	57-12-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
3610 Park Central Blvd N
Pompano Beach, FL 33064
(954)582-4300

ANALYTICAL RESULTS

Project: 040-01-06/Demo B704 SP 1-Revised Report
Pace Project No.: 35586223

Sample: Demo B704- SP 1C **Lab ID: 35586223003** Collected: 10/20/20 13:32 Received: 10/20/20 17:10 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
FL-PRO Soil Microwave	Analytical Method: FL-PRO Preparation Method: EPA 3546 Pace Analytical Services - Ormond Beach								
Petroleum Range Organics	**6.1 U**	mg/kg	7.1	6.1	1	10/22/20 04:37	10/22/20 11:09		
Surrogates									
o-Terphenyl (S)	97	%	66-136		1	10/22/20 04:37	10/22/20 11:09	84-15-1	
N-Pentatriacontane (S)	98	%	42-159		1	10/22/20 04:37	10/22/20 11:09	630-07-09	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050 Pace Analytical Services - Ormond Beach								
Arsenic	**0.60 U**	mg/kg	1.2	0.60	2	10/22/20 11:14	10/24/20 12:24	7440-38-2	D3
Cadmium	**16.1**	mg/kg	0.30	0.15	5	10/22/20 11:14	10/24/20 12:27	7440-43-9	
Chromium	**18.0**	mg/kg	0.30	0.15	1	10/22/20 11:14	10/22/20 22:48	7440-47-3	
Lead	**19.0**	mg/kg	0.60	0.30	1	10/22/20 11:14	10/22/20 22:48	7439-92-1	
Nickel	**37.8**	mg/kg	0.30	0.15	1	10/22/20 11:14	10/22/20 22:48	7440-02-0	
8270 MSSV Full List Microwave	Analytical Method: EPA 8270 Preparation Method: EPA 3546 Pace Analytical Services - Ormond Beach								
1-Methylnaphthalene	**0.016 U**	mg/kg	0.047	0.016	1	10/21/20 20:18	10/23/20 07:54	90-12-0	
2,3,4,6-Tetrachlorophenol	**0.048 U**	mg/kg	0.40	0.048	1	10/21/20 20:18	10/23/20 07:54	58-90-2	
2,4,5-Trichlorophenol	**0.0079 U**	mg/kg	0.20	0.0079	1	10/21/20 20:18	10/23/20 07:54	95-95-4	
2,4,6-Trichlorophenol	**0.011 U**	mg/kg	0.20	0.011	1	10/21/20 20:18	10/23/20 07:54	88-06-2	
2,4-Dichlorophenol	**0.0089 U**	mg/kg	0.20	0.0089	1	10/21/20 20:18	10/23/20 07:54	120-83-2	
2,4-Dimethylphenol	**0.0091 U**	mg/kg	0.20	0.0091	1	10/21/20 20:18	10/23/20 07:54	105-67-9	
2,4-Dinitrophenol	**0.12 U**	mg/kg	0.79	0.12	1	10/21/20 20:18	10/23/20 07:54	51-28-5	
2,6-Dichlorophenol	**0.0069 U**	mg/kg	0.20	0.0069	1	10/21/20 20:18	10/23/20 07:54	87-65-0	N2
2-Methylnaphthalene	**0.015 U**	mg/kg	0.046	0.015	1	10/21/20 20:18	10/23/20 07:54	91-57-6	
2-Methylphenol(o-Cresol)	**0.0096 U**	mg/kg	0.20	0.0096	1	10/21/20 20:18	10/23/20 07:54	95-48-7	
2-Nitrophenol	**0.064 U**	mg/kg	0.20	0.064	1	10/21/20 20:18	10/23/20 07:54	88-75-5	
3&4-Methylphenol(m&p Cresol)	**0.0091 U**	mg/kg	0.20	0.0091	1	10/21/20 20:18	10/23/20 07:54		
4,6-Dinitro-2-methylphenol	**0.13 U**	mg/kg	0.79	0.13	1	10/21/20 20:18	10/23/20 07:54	534-52-1	
4-Chloro-3-methylphenol	**0.0080 U**	mg/kg	0.79	0.0080	1	10/21/20 20:18	10/23/20 07:54	59-50-7	
4-Nitrophenol	**0.086 U**	mg/kg	0.26	0.086	1	10/21/20 20:18	10/23/20 07:54	100-02-7	
Acenaphthene	**0.014 U**	mg/kg	0.043	0.014	1	10/21/20 20:18	10/23/20 07:54	83-32-9	
Acenaphthylene	**0.013 U**	mg/kg	0.040	0.013	1	10/21/20 20:18	10/23/20 07:54	208-96-8	
Anthracene	**0.014 U**	mg/kg	0.043	0.014	1	10/21/20 20:18	10/23/20 07:54	120-12-7	
Benzo(a)anthracene	**0.011 U**	mg/kg	0.040	0.011	1	10/21/20 20:18	10/23/20 07:54	56-55-3	
Benzo(a)pyrene	**0.0099 U**	mg/kg	0.040	0.0099	1	10/21/20 20:18	10/23/20 07:54	50-32-8	
Benzo(b)fluoranthene	**0.011 U**	mg/kg	0.040	0.011	1	10/21/20 20:18	10/23/20 07:54	205-99-2	
Benzo(g,h,i)perylene	**0.010 U**	mg/kg	0.040	0.010	1	10/21/20 20:18	10/23/20 07:54	191-24-2	
Benzo(k)fluoranthene	**0.011 U**	mg/kg	0.040	0.011	1	10/21/20 20:18	10/23/20 07:54	207-08-9	
Chrysene	**0.013 U**	mg/kg	0.040	0.013	1	10/21/20 20:18	10/23/20 07:54	218-01-9	
Dibenz(a,h)anthracene	**0.0092 U**	mg/kg	0.040	0.0092	1	10/21/20 20:18	10/23/20 07:54	53-70-3	
Fluoranthene	**0.013 U**	mg/kg	0.040	0.013	1	10/21/20 20:18	10/23/20 07:54	206-44-0	
Fluorene	**0.014 U**	mg/kg	0.044	0.014	1	10/21/20 20:18	10/23/20 07:54	86-73-7	
Indeno(1,2,3-cd)pyrene	**0.0091 U**	mg/kg	0.040	0.0091	1	10/21/20 20:18	10/23/20 07:54	193-39-5	
Naphthalene	**0.014 U**	mg/kg	0.041	0.014	1	10/21/20 20:18	10/23/20 07:54	91-20-3	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
3610 Park Central Blvd N
Pompano Beach, FL 33064
(954)582-4300

ANALYTICAL RESULTS

Project: 040-01-06/Demo B704 SP 1-Revised Report
Pace Project No.: 35586223

Sample: Demo B704- SP 1C **Lab ID: 35586223003** Collected: 10/20/20 13:32 Received: 10/20/20 17:10 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Full List Microwave	Analytical Method: EPA 8270 Preparation Method: EPA 3546 Pace Analytical Services - Ormond Beach								
Pentachlorophenol	**0.10 U**	mg/kg	0.79	0.10	1	10/21/20 20:18	10/23/20 07:54	87-86-5	
Phenanthrene	**0.013 U**	mg/kg	0.040	0.013	1	10/21/20 20:18	10/23/20 07:54	85-01-8	
Phenol	**0.011 U**	mg/kg	0.20	0.011	1	10/21/20 20:18	10/23/20 07:54	108-95-2	
Pyrene	**0.013 U**	mg/kg	0.040	0.013	1	10/21/20 20:18	10/23/20 07:54	129-00-0	
Surrogates									
Nitrobenzene-d5 (S)	73	%	24-98		1	10/21/20 20:18	10/23/20 07:54	4165-60-0	
2-Fluorobiphenyl (S)	78	%	29-101		1	10/21/20 20:18	10/23/20 07:54	321-60-8	
p-Terphenyl-d14 (S)	86	%	29-112		1	10/21/20 20:18	10/23/20 07:54	1718-51-0	
Phenol-d5 (S)	69	%	10-104		1	10/21/20 20:18	10/23/20 07:54	4165-62-2	
2-Fluorophenol (S)	67	%	19-95		1	10/21/20 20:18	10/23/20 07:54	367-12-4	
2,4,6-Tribromophenol (S)	80	%	23-110		1	10/21/20 20:18	10/23/20 07:54	118-79-6	
8260 MSV 5035	Analytical Method: EPA 8260 Preparation Method: EPA 5035 Pace Analytical Services - Ormond Beach								
1,1,1,2-Tetrachloroethane	**0.0016 U**	mg/kg	0.0032	0.0016	1	10/24/20 12:25	10/24/20 21:59	630-20-6	
1,1,1-Trichloroethane	**0.0017 U**	mg/kg	0.0032	0.0017	1	10/24/20 12:25	10/24/20 21:59	71-55-6	
1,1,2,2-Tetrachloroethane	**0.0016 U**	mg/kg	0.0032	0.0016	1	10/24/20 12:25	10/24/20 21:59	79-34-5	
1,1,2-Trichloroethane	**0.0016 U**	mg/kg	0.0032	0.0016	1	10/24/20 12:25	10/24/20 21:59	79-00-5	
1,1-Dichloroethane	**0.0017 U**	mg/kg	0.0032	0.0017	1	10/24/20 12:25	10/24/20 21:59	75-34-3	
1,1-Dichloroethene	**0.0016 U**	mg/kg	0.0032	0.0016	1	10/24/20 12:25	10/24/20 21:59	75-35-4	
1,1-Dichloropropene	**0.0016 U**	mg/kg	0.0032	0.0016	1	10/24/20 12:25	10/24/20 21:59	563-58-6	
1,2,3-Trichlorobenzene	**0.0016 U**	mg/kg	0.0032	0.0016	1	10/24/20 12:25	10/24/20 21:59	87-61-6	
1,2,3-Trichloropropane	**0.0016 U**	mg/kg	0.0032	0.0016	1	10/24/20 12:25	10/24/20 21:59	96-18-4	
1,2,3-Trimethylbenzene	**0.0016 U**	mg/kg	0.0032	0.0016	1	10/24/20 12:25	10/24/20 21:59	526-73-8	N2
1,2,4-Trichlorobenzene	**0.0016 U**	mg/kg	0.0032	0.0016	1	10/24/20 12:25	10/24/20 21:59	120-82-1	
1,2,4-Trimethylbenzene	**0.0018 U**	mg/kg	0.0032	0.0018	1	10/24/20 12:25	10/24/20 21:59	95-63-6	
1,2-Dichlorobenzene	**0.0016 U**	mg/kg	0.0032	0.0016	1	10/24/20 12:25	10/24/20 21:59	95-50-1	
1,2-Dichloroethane	**0.0016 U**	mg/kg	0.0032	0.0016	1	10/24/20 12:25	10/24/20 21:59	107-06-2	
1,2-Dichloropropane	**0.0016 U**	mg/kg	0.0032	0.0016	1	10/24/20 12:25	10/24/20 21:59	78-87-5	
1,3,5-Trimethylbenzene	**0.0018 U**	mg/kg	0.0032	0.0018	1	10/24/20 12:25	10/24/20 21:59	108-67-8	
1,3-Dichlorobenzene	**0.0016 U**	mg/kg	0.0032	0.0016	1	10/24/20 12:25	10/24/20 21:59	541-73-1	
1,3-Dichloropropane	**0.0016 U**	mg/kg	0.0032	0.0016	1	10/24/20 12:25	10/24/20 21:59	142-28-9	
1,4-Dichlorobenzene	**0.0016 U**	mg/kg	0.0032	0.0016	1	10/24/20 12:25	10/24/20 21:59	106-46-7	
2,2-Dichloropropane	**0.0016 U**	mg/kg	0.0032	0.0016	1	10/24/20 12:25	10/24/20 21:59	594-20-7	
2-Butanone (MEK)	**0.0032 U**	mg/kg	0.032	0.0032	1	10/24/20 12:25	10/24/20 21:59	78-93-3	
2-Chloroethylvinyl ether	**0.0064 U**	mg/kg	0.013	0.0064	1	10/24/20 12:25	10/24/20 21:59	110-75-8	
2-Chlorotoluene	**0.0016 U**	mg/kg	0.0032	0.0016	1	10/24/20 12:25	10/24/20 21:59	95-49-8	
2-Hexanone	**0.0032 U**	mg/kg	0.016	0.0032	1	10/24/20 12:25	10/24/20 21:59	591-78-6	
4-Chlorotoluene	**0.0016 U**	mg/kg	0.0032	0.0016	1	10/24/20 12:25	10/24/20 21:59	106-43-4	
4-Methyl-2-pentanone (MIBK)	**0.0032 U**	mg/kg	0.016	0.0032	1	10/24/20 12:25	10/24/20 21:59	108-10-1	
Acetone	**0.022**	mg/kg	0.016	0.0064	1	10/24/20 12:25	10/24/20 21:59	67-64-1	
Acetonitrile	**0.016 U**	mg/kg	0.032	0.016	1	10/24/20 12:25	10/24/20 21:59	75-05-8	
Benzene	**0.0016 U**	mg/kg	0.0032	0.0016	1	10/24/20 12:25	10/24/20 21:59	71-43-2	
Bromobenzene	**0.0016 U**	mg/kg	0.0032	0.0016	1	10/24/20 12:25	10/24/20 21:59	108-86-1	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
3610 Park Central Blvd N
Pompano Beach, FL 33064
(954)582-4300

ANALYTICAL RESULTS

Project: 040-01-06/Demo B704 SP 1-Revised Report
Pace Project No.: 35586223

Sample: Demo B704- SP 1C **Lab ID: 35586223003** Collected: 10/20/20 13:32 Received: 10/20/20 17:10 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035	Analytical Method: EPA 8260 Preparation Method: EPA 5035 Pace Analytical Services - Ormond Beach								
Bromochloromethane	**0.0016 U**	mg/kg	0.0032	0.0016	1	10/24/20 12:25	10/24/20 21:59	74-97-5	
Bromodichloromethane	**0.0016 U**	mg/kg	0.0032	0.0016	1	10/24/20 12:25	10/24/20 21:59	75-27-4	
Bromoform	**0.0016 U**	mg/kg	0.0032	0.0016	1	10/24/20 12:25	10/24/20 21:59	75-25-2	
Bromomethane	**0.0016 U**	mg/kg	0.0032	0.0016	1	10/24/20 12:25	10/24/20 21:59	74-83-9	J(v1)
Carbon disulfide	**0.0016 U**	mg/kg	0.0032	0.0016	1	10/24/20 12:25	10/24/20 21:59	75-15-0	
Carbon tetrachloride	**0.0016 U**	mg/kg	0.0032	0.0016	1	10/24/20 12:25	10/24/20 21:59	56-23-5	
Chlorobenzene	**0.0016 U**	mg/kg	0.0032	0.0016	1	10/24/20 12:25	10/24/20 21:59	108-90-7	
Chloroethane	**0.0023 U**	mg/kg	0.0032	0.0023	1	10/24/20 12:25	10/24/20 21:59	75-00-3	
Chloroform	**0.0019 U**	mg/kg	0.0032	0.0019	1	10/24/20 12:25	10/24/20 21:59	67-66-3	
Chloromethane	**0.0018 U**	mg/kg	0.0032	0.0018	1	10/24/20 12:25	10/24/20 21:59	74-87-3	
Dibromochloromethane	**0.0016 U**	mg/kg	0.0032	0.0016	1	10/24/20 12:25	10/24/20 21:59	124-48-1	
Dibromomethane	**0.0016 U**	mg/kg	0.0032	0.0016	1	10/24/20 12:25	10/24/20 21:59	74-95-3	
Dichlorodifluoromethane	**0.0017 U**	mg/kg	0.0032	0.0017	1	10/24/20 12:25	10/24/20 21:59	75-71-8	
Ethylbenzene	**0.0018 U**	mg/kg	0.0032	0.0018	1	10/24/20 12:25	10/24/20 21:59	100-41-4	
Iodomethane	**0.0032 U**	mg/kg	0.0064	0.0032	1	10/24/20 12:25	10/24/20 21:59	74-88-4	
Isopropylbenzene (Cumene)	**0.0018 U**	mg/kg	0.0032	0.0018	1	10/24/20 12:25	10/24/20 21:59	98-82-8	
Methyl-tert-butyl ether	**0.0016 U**	mg/kg	0.0032	0.0016	1	10/24/20 12:25	10/24/20 21:59	1634-04-4	
Methylene Chloride	**0.0016 U**	mg/kg	0.0032	0.0016	1	10/24/20 12:25	10/24/20 21:59	75-09-2	
Styrene	**0.0016 U**	mg/kg	0.0032	0.0016	1	10/24/20 12:25	10/24/20 21:59	100-42-5	
Tetrachloroethene	**0.0016 U**	mg/kg	0.0032	0.0016	1	10/24/20 12:25	10/24/20 21:59	127-18-4	
Toluene	**0.0017 U**	mg/kg	0.0032	0.0017	1	10/24/20 12:25	10/24/20 21:59	108-88-3	
Trichloroethene	**0.0018 U**	mg/kg	0.0032	0.0018	1	10/24/20 12:25	10/24/20 21:59	79-01-6	
Trichlorofluoromethane	**0.0017 U**	mg/kg	0.0032	0.0017	1	10/24/20 12:25	10/24/20 21:59	75-69-4	
Vinyl acetate	**0.0016 U**	mg/kg	0.0032	0.0016	1	10/24/20 12:25	10/24/20 21:59	108-05-4	
Vinyl chloride	**0.0017 U**	mg/kg	0.0032	0.0017	1	10/24/20 12:25	10/24/20 21:59	75-01-4	
Xylene (Total)	**0.0033 U**	mg/kg	0.0095	0.0033	1	10/24/20 12:25	10/24/20 21:59	1330-20-7	
cis-1,2-Dichloroethene	**0.0016 U**	mg/kg	0.0032	0.0016	1	10/24/20 12:25	10/24/20 21:59	156-59-2	
cis-1,3-Dichloropropene	**0.0016 U**	mg/kg	0.0032	0.0016	1	10/24/20 12:25	10/24/20 21:59	10061-01-5	
m&p-Xylene	**0.0033 U**	mg/kg	0.0064	0.0033	1	10/24/20 12:25	10/24/20 21:59	179601-23-1	
n-Butylbenzene	**0.0019 U**	mg/kg	0.0032	0.0019	1	10/24/20 12:25	10/24/20 21:59	104-51-8	
n-Propylbenzene	**0.0017 U**	mg/kg	0.0032	0.0017	1	10/24/20 12:25	10/24/20 21:59	103-65-1	
o-Xylene	**0.0016 U**	mg/kg	0.0032	0.0016	1	10/24/20 12:25	10/24/20 21:59	95-47-6	
p-Isopropyltoluene	**0.0019 U**	mg/kg	0.0032	0.0019	1	10/24/20 12:25	10/24/20 21:59	99-87-6	
sec-Butylbenzene	**0.0018 U**	mg/kg	0.0032	0.0018	1	10/24/20 12:25	10/24/20 21:59	135-98-8	
tert-Butylbenzene	**0.0018 U**	mg/kg	0.0032	0.0018	1	10/24/20 12:25	10/24/20 21:59	98-06-6	
trans-1,2-Dichloroethene	**0.0019 U**	mg/kg	0.0032	0.0019	1	10/24/20 12:25	10/24/20 21:59	156-60-5	
trans-1,3-Dichloropropene	**0.0016 U**	mg/kg	0.0032	0.0016	1	10/24/20 12:25	10/24/20 21:59	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	99	%	68-125		1	10/24/20 12:25	10/24/20 21:59	460-00-4	
Toluene-d8 (S)	100	%	70-130		1	10/24/20 12:25	10/24/20 21:59	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		1	10/24/20 12:25	10/24/20 21:59	2199-69-1	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
3610 Park Central Blvd N
Pompano Beach, FL 33064
(954)582-4300

ANALYTICAL RESULTS

Project: 040-01-06/Demo B704 SP 1-Revised Report
Pace Project No.: 35586223

Sample: Demo B704- SP 1C **Lab ID: 35586223003** Collected: 10/20/20 13:32 Received: 10/20/20 17:10 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Ormond Beach								
Percent Moisture	**15.9**	%	0.10	0.10	1		10/26/20 09:37		
9012 Cyanide, Total	Analytical Method: EPA 9012 Preparation Method: EPA 9012 Pace Analytical Services - Ormond Beach								
Cyanide	**0.16 U**	mg/kg	0.28	0.16	1	10/26/20 13:45	10/27/20 11:41	57-12-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
3610 Park Central Blvd N
Pompano Beach, FL 33064
(954)582-4300

QUALITY CONTROL DATA

Project: 040-01-06/Demo B704 SP 1-Revised Report
Pace Project No.: 35586223

QC Batch: 675771
QC Batch Method: EPA 3050
Analysis Method: EPA 6010
Analysis Description: 6010 MET Solid
Laboratory: Pace Analytical Services - Ormond Beach
Associated Lab Samples: 35586223001, 35586223002, 35586223003

METHOD BLANK: 3675735 Matrix: Solid
Associated Lab Samples: 35586223001, 35586223002, 35586223003

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Arsenic	mg/kg	0.26 U	0.51	0.26	10/22/20 22:13	
Cadmium	mg/kg	0.026 U	0.051	0.026	10/22/20 22:13	
Chromium	mg/kg	0.13 U	0.26	0.13	10/22/20 22:13	
Lead	mg/kg	0.26 U	0.51	0.26	10/22/20 22:13	
Nickel	mg/kg	0.13 U	0.26	0.13	10/22/20 22:13	

LABORATORY CONTROL SAMPLE: 3675736

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/kg	13.4	13.1	98	80-120	
Cadmium	mg/kg	1.3	1.4	107	80-120	
Chromium	mg/kg	13.4	14.8	110	80-120	
Lead	mg/kg	13.4	14.7	109	80-120	
Nickel	mg/kg	13.4	14.6	108	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3675737 3675738

Parameter	Units	35585314001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Arsenic	mg/kg	0.25 U	12.5	11.8	11.0	10.8	88	91	75-125	2	20	
Cadmium	mg/kg	0.025 U	1.2	1.2	1.3	1.2	99	101	75-125	4	20	
Chromium	mg/kg	3.5	12.5	11.8	18.2	15.8	117	104	75-125	14	20	
Lead	mg/kg	1.7	12.5	11.8	14.4	13.5	101	99	75-125	6	20	
Nickel	mg/kg	0.94	12.5	11.8	14.4	13.7	108	107	75-125	6	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
3610 Park Central Blvd N
Pompano Beach, FL 33064
(954)582-4300

QUALITY CONTROL DATA

Project: 040-01-06/Demo B704 SP 1-Revised Report
Pace Project No.: 35586223

QC Batch: 679081
QC Batch Method: EPA 3010
Analysis Method: EPA 6010
Analysis Description: 6010 MET TCLP
Laboratory: Pace Analytical Services - Ormond Beach
Associated Lab Samples: 35586223002

METHOD BLANK: 3690972 Matrix: Water
Associated Lab Samples: 35586223002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Cadmium	mg/L	0.00033 U	0.0010	0.00033	11/04/20 14:31	

LABORATORY CONTROL SAMPLE: 3694934

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Cadmium	mg/L	0.025	0.026	105	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3694935 3694936

Parameter	Units	35586223002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Cadmium	mg/L	0.40	0.25	0.25	0.65	0.65	100	99	75-125	0	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
3610 Park Central Blvd N
Pompano Beach, FL 33064
(954)582-4300

QUALITY CONTROL DATA

Project: 040-01-06/Demo B704 SP 1-Revised Report
Pace Project No.: 35586223

QC Batch: 676157
QC Batch Method: EPA 5035
Analysis Method: EPA 8260
Analysis Description: 8260 MSV 5035
Laboratory: Pace Analytical Services - Ormond Beach
Associated Lab Samples: 35586223001, 35586223002

METHOD BLANK: 3678123 Matrix: Solid
Associated Lab Samples: 35586223001, 35586223002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	mg/kg	0.0025 U	0.0050	0.0025	10/23/20 11:20	
1,1,1-Trichloroethane	mg/kg	0.0027 U	0.0050	0.0027	10/23/20 11:20	
1,1,2,2-Tetrachloroethane	mg/kg	0.0025 U	0.0050	0.0025	10/23/20 11:20	
1,1,2-Trichloroethane	mg/kg	0.0025 U	0.0050	0.0025	10/23/20 11:20	
1,1-Dichloroethane	mg/kg	0.0027 U	0.0050	0.0027	10/23/20 11:20	
1,1-Dichloroethene	mg/kg	0.0025 U	0.0050	0.0025	10/23/20 11:20	
1,1-Dichloropropene	mg/kg	0.0026 U	0.0050	0.0026	10/23/20 11:20	
1,2,3-Trichlorobenzene	mg/kg	0.0025 U	0.0050	0.0025	10/23/20 11:20	
1,2,3-Trichloropropane	mg/kg	0.0025 U	0.0050	0.0025	10/23/20 11:20	
1,2,3-Trimethylbenzene	mg/kg	0.0025 U	0.0050	0.0025	10/23/20 11:20	N2
1,2,4-Trichlorobenzene	mg/kg	0.0025 U	0.0050	0.0025	10/23/20 11:20	
1,2,4-Trimethylbenzene	mg/kg	0.0028 U	0.0050	0.0028	10/23/20 11:20	
1,2-Dichlorobenzene	mg/kg	0.0025 U	0.0050	0.0025	10/23/20 11:20	
1,2-Dichloroethane	mg/kg	0.0025 U	0.0050	0.0025	10/23/20 11:20	
1,2-Dichloropropane	mg/kg	0.0025 U	0.0050	0.0025	10/23/20 11:20	
1,3,5-Trimethylbenzene	mg/kg	0.0029 U	0.0050	0.0029	10/23/20 11:20	
1,3-Dichlorobenzene	mg/kg	0.0025 U	0.0050	0.0025	10/23/20 11:20	
1,3-Dichloropropane	mg/kg	0.0025 U	0.0050	0.0025	10/23/20 11:20	
1,4-Dichlorobenzene	mg/kg	0.0025 U	0.0050	0.0025	10/23/20 11:20	
2,2-Dichloropropane	mg/kg	0.0026 U	0.0050	0.0026	10/23/20 11:20	
2-Butanone (MEK)	mg/kg	0.0050 U	0.050	0.0050	10/23/20 11:20	
2-Chloroethylvinyl ether	mg/kg	0.010 U	0.020	0.010	10/23/20 11:20	
2-Chlorotoluene	mg/kg	0.0025 U	0.0050	0.0025	10/23/20 11:20	
2-Hexanone	mg/kg	0.0050 U	0.025	0.0050	10/23/20 11:20	
4-Chlorotoluene	mg/kg	0.0025 U	0.0050	0.0025	10/23/20 11:20	
4-Methyl-2-pentanone (MIBK)	mg/kg	0.0050 U	0.025	0.0050	10/23/20 11:20	
Acetone	mg/kg	0.012 I	0.025	0.010	10/23/20 11:20	
Acetonitrile	mg/kg	0.025 U	0.050	0.025	10/23/20 11:20	
Benzene	mg/kg	0.0026 U	0.0050	0.0026	10/23/20 11:20	
Bromobenzene	mg/kg	0.0025 U	0.0050	0.0025	10/23/20 11:20	
Bromochloromethane	mg/kg	0.0025 U	0.0050	0.0025	10/23/20 11:20	
Bromodichloromethane	mg/kg	0.0025 U	0.0050	0.0025	10/23/20 11:20	
Bromoform	mg/kg	0.0025 U	0.0050	0.0025	10/23/20 11:20	
Bromomethane	mg/kg	0.0025 U	0.0050	0.0025	10/23/20 11:20	
Carbon disulfide	mg/kg	0.0025 U	0.0050	0.0025	10/23/20 11:20	J(v2)
Carbon tetrachloride	mg/kg	0.0025 U	0.0050	0.0025	10/23/20 11:20	
Chlorobenzene	mg/kg	0.0025 U	0.0050	0.0025	10/23/20 11:20	
Chloroethane	mg/kg	0.0036 U	0.0050	0.0036	10/23/20 11:20	J(v2)
Chloroform	mg/kg	0.0030 U	0.0050	0.0030	10/23/20 11:20	
Chloromethane	mg/kg	0.0028 U	0.0050	0.0028	10/23/20 11:20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
3610 Park Central Blvd N
Pompano Beach, FL 33064
(954)582-4300

QUALITY CONTROL DATA

Project: 040-01-06/Demo B704 SP 1-Revised Report
Pace Project No.: 35586223

METHOD BLANK: 3678123 Matrix: Solid
Associated Lab Samples: 35586223001, 35586223002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
cis-1,2-Dichloroethene	mg/kg	0.0025 U	0.0050	0.0025	10/23/20 11:20	
cis-1,3-Dichloropropene	mg/kg	0.0025 U	0.0050	0.0025	10/23/20 11:20	
Dibromochloromethane	mg/kg	0.0025 U	0.0050	0.0025	10/23/20 11:20	
Dibromomethane	mg/kg	0.0025 U	0.0050	0.0025	10/23/20 11:20	
Dichlorodifluoromethane	mg/kg	0.0027 U	0.0050	0.0027	10/23/20 11:20	J(v2)
Ethylbenzene	mg/kg	0.0028 U	0.0050	0.0028	10/23/20 11:20	
Iodomethane	mg/kg	0.0050 U	0.010	0.0050	10/23/20 11:20	J(v2)
Isopropylbenzene (Cumene)	mg/kg	0.0029 U	0.0050	0.0029	10/23/20 11:20	
m&p-Xylene	mg/kg	0.0051 U	0.010	0.0051	10/23/20 11:20	
Methyl-tert-butyl ether	mg/kg	0.0025 U	0.0050	0.0025	10/23/20 11:20	
Methylene Chloride	mg/kg	0.0025 U	0.0050	0.0025	10/23/20 11:20	
n-Butylbenzene	mg/kg	0.0030 U	0.0050	0.0030	10/23/20 11:20	
n-Propylbenzene	mg/kg	0.0026 U	0.0050	0.0026	10/23/20 11:20	
o-Xylene	mg/kg	0.0026 U	0.0050	0.0026	10/23/20 11:20	
p-Isopropyltoluene	mg/kg	0.0030 U	0.0050	0.0030	10/23/20 11:20	
sec-Butylbenzene	mg/kg	0.0029 U	0.0050	0.0029	10/23/20 11:20	
Styrene	mg/kg	0.0025 U	0.0050	0.0025	10/23/20 11:20	
tert-Butylbenzene	mg/kg	0.0029 U	0.0050	0.0029	10/23/20 11:20	
Tetrachloroethene	mg/kg	0.0025 U	0.0050	0.0025	10/23/20 11:20	
Toluene	mg/kg	0.0027 U	0.0050	0.0027	10/23/20 11:20	
trans-1,2-Dichloroethene	mg/kg	0.0030 U	0.0050	0.0030	10/23/20 11:20	
trans-1,3-Dichloropropene	mg/kg	0.0025 U	0.0050	0.0025	10/23/20 11:20	
Trichloroethene	mg/kg	0.0028 U	0.0050	0.0028	10/23/20 11:20	
Trichlorofluoromethane	mg/kg	0.0027 U	0.0050	0.0027	10/23/20 11:20	
Vinyl acetate	mg/kg	0.0025 U	0.0050	0.0025	10/23/20 11:20	
Vinyl chloride	mg/kg	0.0027 U	0.0050	0.0027	10/23/20 11:20	
Xylene (Total)	mg/kg	0.0051 U	0.015	0.0051	10/23/20 11:20	
1,2-Dichlorobenzene-d4 (S)	%	101	70-130		10/23/20 11:20	
4-Bromofluorobenzene (S)	%	101	68-125		10/23/20 11:20	
Toluene-d8 (S)	%	100	70-130		10/23/20 11:20	

LABORATORY CONTROL SAMPLE: 3678124

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	mg/kg	0.02	0.018	92	70-130	
1,1,1-Trichloroethane	mg/kg	0.02	0.017	87	70-130	
1,1,2,2-Tetrachloroethane	mg/kg	0.02	0.019	95	70-130	
1,1,2-Trichloroethane	mg/kg	0.02	0.019	96	70-130	
1,1-Dichloroethane	mg/kg	0.02	0.019	96	70-130	
1,1-Dichloroethene	mg/kg	0.02	0.017	86	62-131	
1,1-Dichloropropene	mg/kg	0.02	0.018	91	70-130	
1,2,3-Trichlorobenzene	mg/kg	0.02	0.019	96	70-130	
1,2,3-Trichloropropane	mg/kg	0.02	0.017	84	72-137	
1,2,3-Trimethylbenzene	mg/kg	0.02	0.018	90	70-130	N2

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
3610 Park Central Blvd N
Pompano Beach, FL 33064
(954)582-4300

QUALITY CONTROL DATA

Project: 040-01-06/Demo B704 SP 1-Revised Report
Pace Project No.: 35586223

LABORATORY CONTROL SAMPLE: 3678124

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trichlorobenzene	mg/kg	0.02	0.019	97	70-130	
1,2,4-Trimethylbenzene	mg/kg	0.02	0.018	91	70-130	
1,2-Dichlorobenzene	mg/kg	0.02	0.018	92	70-130	
1,2-Dichloroethane	mg/kg	0.02	0.019	94	70-130	
1,2-Dichloropropane	mg/kg	0.02	0.018	91	70-130	
1,3,5-Trimethylbenzene	mg/kg	0.02	0.018	90	70-130	
1,3-Dichlorobenzene	mg/kg	0.02	0.019	95	70-130	
1,3-Dichloropropane	mg/kg	0.02	0.019	95	70-130	
1,4-Dichlorobenzene	mg/kg	0.02	0.018	92	70-130	
2,2-Dichloropropane	mg/kg	0.02	0.018	89	70-130	
2-Butanone (MEK)	mg/kg	0.1	0.10	104	64-121	
2-Chloroethylvinyl ether	mg/kg	0.1	0.090	90	20-150	
2-Chlorotoluene	mg/kg	0.02	0.019	93	70-130	
2-Hexanone	mg/kg	0.1	0.11	107	59-137	
4-Chlorotoluene	mg/kg	0.02	0.018	92	70-130	
4-Methyl-2-pentanone (MIBK)	mg/kg	0.1	0.11	106	70-130	
Acetone	mg/kg	0.1	0.090	90	68-146	
Acetonitrile	mg/kg	0.1	0.088	88	68-131	
Benzene	mg/kg	0.02	0.018	89	70-130	
Bromobenzene	mg/kg	0.02	0.018	89	70-130	
Bromochloromethane	mg/kg	0.02	0.018	92	70-130	
Bromodichloromethane	mg/kg	0.02	0.019	95	70-130	
Bromoform	mg/kg	0.02	0.016	82	54-129	
Bromomethane	mg/kg	0.02	0.020	99	58-144	
Carbon disulfide	mg/kg	0.02	0.015	77	57-133	J(v3)
Carbon tetrachloride	mg/kg	0.02	0.017	84	63-137	
Chlorobenzene	mg/kg	0.02	0.018	89	70-130	
Chloroethane	mg/kg	0.02	0.016	78	40-165	J(v3)
Chloroform	mg/kg	0.02	0.019	93	70-130	
Chloromethane	mg/kg	0.02	0.020	102	64-127	
cis-1,2-Dichloroethene	mg/kg	0.02	0.018	91	70-130	
cis-1,3-Dichloropropene	mg/kg	0.02	0.019	94	70-130	
Dibromochloromethane	mg/kg	0.02	0.018	92	70-130	
Dibromomethane	mg/kg	0.02	0.019	94	70-130	
Dichlorodifluoromethane	mg/kg	0.02	0.014	71	51-143	J(v3)
Ethylbenzene	mg/kg	0.02	0.018	88	70-130	
Iodomethane	mg/kg	0.02	0.016	79	58-137	J(v3)
Isopropylbenzene (Cumene)	mg/kg	0.02	0.019	96	70-130	
m&p-Xylene	mg/kg	0.04	0.036	89	70-130	
Methyl-tert-butyl ether	mg/kg	0.02	0.018	92	65-124	
Methylene Chloride	mg/kg	0.02	0.017	85	51-142	
n-Butylbenzene	mg/kg	0.02	0.019	95	70-130	
n-Propylbenzene	mg/kg	0.02	0.018	89	70-130	
o-Xylene	mg/kg	0.02	0.018	91	70-130	
p-Isopropyltoluene	mg/kg	0.02	0.019	96	70-130	
sec-Butylbenzene	mg/kg	0.02	0.019	94	70-130	
Styrene	mg/kg	0.02	0.019	94	70-130	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
3610 Park Central Blvd N
Pompano Beach, FL 33064
(954)582-4300

QUALITY CONTROL DATA

Project: 040-01-06/Demo B704 SP 1-Revised Report
Pace Project No.: 35586223

LABORATORY CONTROL SAMPLE: 3678124

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
tert-Butylbenzene	mg/kg	0.02	0.018	91	70-130	
Tetrachloroethene	mg/kg	0.02	0.018	89	70-130	
Toluene	mg/kg	0.02	0.018	88	70-130	
trans-1,2-Dichloroethene	mg/kg	0.02	0.017	84	70-130	
trans-1,3-Dichloropropene	mg/kg	0.02	0.019	93	70-130	
Trichloroethene	mg/kg	0.02	0.018	90	70-130	
Trichlorofluoromethane	mg/kg	0.02	0.019	95	60-148	
Vinyl acetate	mg/kg	0.02	0.018	89	70-130	
Vinyl chloride	mg/kg	0.02	0.019	94	69-124	
Xylene (Total)	mg/kg	0.06	0.054	89	70-130	
1,2-Dichlorobenzene-d4 (S)	%			100	70-130	
4-Bromofluorobenzene (S)	%			104	68-125	
Toluene-d8 (S)	%			99	70-130	

MATRIX SPIKE SAMPLE: 3678126

Parameter	Units	35586223002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	mg/kg	0.0012 U	0.0087	0.0062	72	70-130	
1,1,1-Trichloroethane	mg/kg	0.0014 U	0.0087	0.0077	89	70-130	
1,1,2,2-Tetrachloroethane	mg/kg	0.0012 U	0.0087	0.0082	94	70-130	
1,1,2-Trichloroethane	mg/kg	0.0012 U	0.0087	0.0079	91	70-130	
1,1-Dichloroethane	mg/kg	0.0014 U	0.0087	0.0070	80	70-130	
1,1-Dichloroethene	mg/kg	0.0012 U	0.0087	0.0082	95	62-131	
1,1-Dichloropropene	mg/kg	0.0013 U	0.0087	0.0072	83	70-130	
1,2,3-Trichlorobenzene	mg/kg	0.0012 U	0.0087	0.0026	30	70-130	J(M1)
1,2,3-Trichloropropane	mg/kg	0.0012 U	0.0087	0.0082	95	72-137	
1,2,3-Trimethylbenzene	mg/kg	0.0012 U	0.0087	0.0040	46	70-130	J(M1),N2
1,2,4-Trichlorobenzene	mg/kg	0.0012 U	0.0087	0.0027	31	70-130	J(M1)
1,2,4-Trimethylbenzene	mg/kg	0.0014 U	0.0087	0.0038	44	70-130	J(M1)
1,2-Dichlorobenzene	mg/kg	0.0012 U	0.0087	0.0044	50	70-130	J(M1)
1,2-Dichloroethane	mg/kg	0.0012 U	0.0087	0.0075	86	70-130	
1,2-Dichloropropane	mg/kg	0.0012 U	0.0087	0.0072	83	70-130	
1,3,5-Trimethylbenzene	mg/kg	0.0014 U	0.0087	0.0038	44	70-130	J(M1)
1,3-Dichlorobenzene	mg/kg	0.0012 U	0.0087	0.0042	48	70-130	J(M1)
1,3-Dichloropropane	mg/kg	0.0012 U	0.0087	0.0078	90	70-130	
1,4-Dichlorobenzene	mg/kg	0.0012 U	0.0087	0.0039	45	70-130	J(M1)
2,2-Dichloropropane	mg/kg	0.0013 U	0.0087	0.0082	94	70-130	
2-Butanone (MEK)	mg/kg	0.0025 U	0.044	0.041	95	64-121	
2-Chloroethylvinyl ether	mg/kg	0.0050 U	0.044	0.034	78	20-150	
2-Chlorotoluene	mg/kg	0.0012 U	0.0087	0.0044	51	70-130	J(M1)
2-Hexanone	mg/kg	0.0025 U	0.044	0.043	100	59-137	
4-Chlorotoluene	mg/kg	0.0012 U	0.0087	0.0041	47	70-130	J(M1)
4-Methyl-2-pentanone (MIBK)	mg/kg	0.0025 U	0.044	0.045	105	70-130	
Acetone	mg/kg	0.025	0.044	0.059	78	68-146	
Acetonitrile	mg/kg	0.012 U	0.044	0.034	79	68-131	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
3610 Park Central Blvd N
Pompano Beach, FL 33064
(954)582-4300

QUALITY CONTROL DATA

Project: 040-01-06/Demo B704 SP 1-Revised Report
Pace Project No.: 35586223

MATRIX SPIKE SAMPLE: 3678126

Parameter	Units	35586223002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Benzene	mg/kg	0.0013 U	0.0087	0.0071	82	70-130	
Bromobenzene	mg/kg	0.0012 U	0.0087	0.0053	61	70-130	J(M1)
Bromochloromethane	mg/kg	0.0012 U	0.0087	0.0076	87	70-130	
Bromodichloromethane	mg/kg	0.0012 U	0.0087	0.0073	85	70-130	
Bromoform	mg/kg	0.0012 U	0.0087	0.0059	68	54-129	
Bromomethane	mg/kg	0.0012 U	0.0087	0.0094	108	58-144	
Carbon disulfide	mg/kg	0.0012 U	0.0087	0.0070	80	57-133	J(v3)
Carbon tetrachloride	mg/kg	0.0012 U	0.0087	0.0073	84	63-137	
Chlorobenzene	mg/kg	0.0012 U	0.0087	0.0052	60	70-130	J(M1)
Chloroethane	mg/kg	0.0018 U	0.0087	0.015	170	40-165	J(M1),J(v3)
Chloroform	mg/kg	0.0015 U	0.0087	0.0079	91	70-130	
Chloromethane	mg/kg	0.0014 U	0.0087	0.0098	113	64-127	
cis-1,2-Dichloroethene	mg/kg	0.0012 U	0.0087	0.0075	86	70-130	
cis-1,3-Dichloropropene	mg/kg	0.0012 U	0.0087	0.0065	75	70-130	
Dibromochloromethane	mg/kg	0.0012 U	0.0087	0.0073	84	70-130	
Dibromomethane	mg/kg	0.0012 U	0.0087	0.0071	82	70-130	
Dichlorodifluoromethane	mg/kg	0.0013 U	0.0087	0.0082	95	51-143	J(v3)
Ethylbenzene	mg/kg	0.0014 U	0.0087	0.0046	53	70-130	J(M1)
Iodomethane	mg/kg	0.0025 U	0.0087	0.0076	87	58-137	J(v3)
Isopropylbenzene (Cumene)	mg/kg	0.0014 U	0.0087	0.0039	45	70-130	J(M1)
m&p-Xylene	mg/kg	0.0026 U	0.018	0.0086	49	70-130	J(M1)
Methyl-tert-butyl ether	mg/kg	0.0012 U	0.0087	0.0076	87	65-124	
Methylene Chloride	mg/kg	0.0012 U	0.0087	0.0071	81	51-142	
n-Butylbenzene	mg/kg	0.0015 U	0.0087	0.0024	28	70-130	J(M1)
n-Propylbenzene	mg/kg	0.0013 U	0.0087	0.0037	42	70-130	J(M1)
o-Xylene	mg/kg	0.0013 U	0.0087	0.0046	53	70-130	J(M1)
p-Isopropyltoluene	mg/kg	0.0015 U	0.0087	0.0029	34	70-130	J(M1)
sec-Butylbenzene	mg/kg	0.0014 U	0.0087	0.0033	37	70-130	J(M1)
Styrene	mg/kg	0.0012 U	0.0087	0.0047	54	70-130	J(M1)
tert-Butylbenzene	mg/kg	0.0014 U	0.0087	0.0037	43	70-130	J(M1)
Tetrachloroethene	mg/kg	0.0012 U	0.0087	0.0067	77	70-130	
Toluene	mg/kg	0.0013 U	0.0087	0.0074	72	70-130	
trans-1,2-Dichloroethene	mg/kg	0.0015 U	0.0087	0.0074	85	70-130	
trans-1,3-Dichloropropene	mg/kg	0.0012 U	0.0087	0.0070	81	70-130	
Trichloroethene	mg/kg	0.0014 U	0.0087	0.0063	73	70-130	
Trichlorofluoromethane	mg/kg	0.0013 U	0.0087	0.011	130	60-148	
Vinyl acetate	mg/kg	0.0013 U	0.0087	0.0015 I	17	70-130	J(M1)
Vinyl chloride	mg/kg	0.0013 U	0.0087	0.010	115	69-124	
Xylene (Total)	mg/kg	0.0026 U	0.026	0.013	51	70-130	MS
1,2-Dichlorobenzene-d4 (S)	%				99	70-130	
4-Bromofluorobenzene (S)	%				96	68-125	
Toluene-d8 (S)	%				96	70-130	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
3610 Park Central Blvd N
Pompano Beach, FL 33064
(954)582-4300

QUALITY CONTROL DATA

Project: 040-01-06/Demo B704 SP 1-Revised Report
Pace Project No.: 35586223

SAMPLE DUPLICATE: 3678125

Parameter	Units	35586223001 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1,2-Tetrachloroethane	mg/kg	0.0014 U	0.0016 U		40	
1,1,1-Trichloroethane	mg/kg	0.0016 U	0.0017 U		40	
1,1,2,2-Tetrachloroethane	mg/kg	0.0014 U	0.0016 U		40	
1,1,2-Trichloroethane	mg/kg	0.0014 U	0.0016 U		40	
1,1-Dichloroethane	mg/kg	0.0016 U	0.0017 U		40	
1,1-Dichloroethene	mg/kg	0.0014 U	0.0016 U		40	
1,1-Dichloropropene	mg/kg	0.0015 U	0.0016 U		40	
1,2,3-Trichlorobenzene	mg/kg	0.0014 U	0.0016 U		40	
1,2,3-Trichloropropane	mg/kg	0.0014 U	0.0016 U		40	
1,2,3-Trimethylbenzene	mg/kg	0.0014 U	0.0016 U		40	N2
1,2,4-Trichlorobenzene	mg/kg	0.0014 U	0.0016 U		40	
1,2,4-Trimethylbenzene	mg/kg	0.0016 U	0.0018 U		40	
1,2-Dichlorobenzene	mg/kg	0.0014 U	0.0016 U		40	
1,2-Dichloroethane	mg/kg	0.0014 U	0.0016 U		40	
1,2-Dichloropropane	mg/kg	0.0014 U	0.0016 U		40	
1,3,5-Trimethylbenzene	mg/kg	0.0017 U	0.0018 U		40	
1,3-Dichlorobenzene	mg/kg	0.0014 U	0.0016 U		40	
1,3-Dichloropropane	mg/kg	0.0014 U	0.0016 U		40	
1,4-Dichlorobenzene	mg/kg	0.0014 U	0.0016 U		40	
2,2-Dichloropropane	mg/kg	0.0015 U	0.0016 U		40	
2-Butanone (MEK)	mg/kg	0.0029 U	0.0032 U		40	
2-Chloroethylvinyl ether	mg/kg	0.0057 U	0.0063 U		40	
2-Chlorotoluene	mg/kg	0.0014 U	0.0016 U		40	
2-Hexanone	mg/kg	0.0029 U	0.0032 U		40	
4-Chlorotoluene	mg/kg	0.0014 U	0.0016 U		40	
4-Methyl-2-pentanone (MIBK)	mg/kg	0.0029 U	0.0032 U		40	
Acetone	mg/kg	0.0057 U	0.0063 U		40	
Acetonitrile	mg/kg	0.014 U	0.016 U		40	
Benzene	mg/kg	0.0015 U	0.0016 U		40	
Bromobenzene	mg/kg	0.0014 U	0.0016 U		40	
Bromochloromethane	mg/kg	0.0014 U	0.0016 U		40	
Bromodichloromethane	mg/kg	0.0014 U	0.0016 U		40	
Bromoform	mg/kg	0.0014 U	0.0016 U		40	
Bromomethane	mg/kg	0.0014 U	0.0016 U		40	
Carbon disulfide	mg/kg	0.0014 U	0.0016 U		40	J(v2)
Carbon tetrachloride	mg/kg	0.0014 U	0.0016 U		40	
Chlorobenzene	mg/kg	0.0014 U	0.0016 U		40	
Chloroethane	mg/kg	0.0021 U	0.0023 U		40	J(v2)
Chloroform	mg/kg	0.0017 U	0.0019 U		40	
Chloromethane	mg/kg	0.0016 U	0.0018 U		40	
cis-1,2-Dichloroethene	mg/kg	0.0014 U	0.0016 U		40	
cis-1,3-Dichloropropene	mg/kg	0.0014 U	0.0016 U		40	
Dibromochloromethane	mg/kg	0.0014 U	0.0016 U		40	
Dibromomethane	mg/kg	0.0014 U	0.0016 U		40	
Dichlorodifluoromethane	mg/kg	0.0015 U	0.0017 U		40	J(v2)
Ethylbenzene	mg/kg	0.0016 U	0.0018 U		40	
Iodomethane	mg/kg	0.0029 U	0.0032 U		40	J(v2)

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
3610 Park Central Blvd N
Pompano Beach, FL 33064
(954)582-4300

QUALITY CONTROL DATA

Project: 040-01-06/Demo B704 SP 1-Revised Report
Pace Project No.: 35586223

SAMPLE DUPLICATE: 3678125

Parameter	Units	35586223001 Result	Dup Result	RPD	Max RPD	Qualifiers
Isopropylbenzene (Cumene)	mg/kg	0.0017 U	0.0018 U		40	
m&p-Xylene	mg/kg	0.0030 U	0.0033 U		40	
Methyl-tert-butyl ether	mg/kg	0.0014 U	0.0016 U		40	
Methylene Chloride	mg/kg	0.0014 U	0.0016 U		40	
n-Butylbenzene	mg/kg	0.0017 U	0.0019 U		40	
n-Propylbenzene	mg/kg	0.0015 U	0.0017 U		40	
o-Xylene	mg/kg	0.0015 U	0.0016 U		40	
p-Isopropyltoluene	mg/kg	0.0017 U	0.0019 U		40	
sec-Butylbenzene	mg/kg	0.0017 U	0.0018 U		40	
Styrene	mg/kg	0.0014 U	0.0016 U		40	
tert-Butylbenzene	mg/kg	0.0017 U	0.0018 U		40	
Tetrachloroethene	mg/kg	0.0014 U	0.0016 U		40	
Toluene	mg/kg	0.0015 U	0.0017 U		40	
trans-1,2-Dichloroethene	mg/kg	0.0018 U	0.0019 U		40	
trans-1,3-Dichloropropene	mg/kg	0.0014 U	0.0016 U		40	
Trichloroethene	mg/kg	0.0016 U	0.0018 U		40	
Trichlorofluoromethane	mg/kg	0.0016 U	0.0017 U		40	
Vinyl acetate	mg/kg	0.0014 U	0.0016 U		40	
Vinyl chloride	mg/kg	0.0015 U	0.0017 U		40	
Xylene (Total)	mg/kg	0.0030 U	0.0033 U		40	
1,2-Dichlorobenzene-d4 (S)	%	105	102			
4-Bromofluorobenzene (S)	%	97	99		40	
Toluene-d8 (S)	%	96	98		40	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
3610 Park Central Blvd N
Pompano Beach, FL 33064
(954)582-4300

QUALITY CONTROL DATA

Project: 040-01-06/Demo B704 SP 1-Revised Report
Pace Project No.: 35586223

QC Batch: 676391
QC Batch Method: EPA 5035
Analysis Method: EPA 8260
Analysis Description: 8260 MSV 5035
Laboratory: Pace Analytical Services - Ormond Beach
Associated Lab Samples: 35586223003

METHOD BLANK: 3679825 Matrix: Solid
Associated Lab Samples: 35586223003

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	mg/kg	0.0025 U	0.0049	0.0025	10/24/20 13:36	
1,1,1-Trichloroethane	mg/kg	0.0027 U	0.0049	0.0027	10/24/20 13:36	
1,1,2,2-Tetrachloroethane	mg/kg	0.0025 U	0.0049	0.0025	10/24/20 13:36	
1,1,2-Trichloroethane	mg/kg	0.0025 U	0.0049	0.0025	10/24/20 13:36	
1,1-Dichloroethane	mg/kg	0.0027 U	0.0049	0.0027	10/24/20 13:36	
1,1-Dichloroethene	mg/kg	0.0025 U	0.0049	0.0025	10/24/20 13:36	
1,1-Dichloropropene	mg/kg	0.0025 U	0.0049	0.0025	10/24/20 13:36	
1,2,3-Trichlorobenzene	mg/kg	0.0025 U	0.0049	0.0025	10/24/20 13:36	
1,2,3-Trichloropropane	mg/kg	0.0025 U	0.0049	0.0025	10/24/20 13:36	
1,2,3-Trimethylbenzene	mg/kg	0.0025 U	0.0049	0.0025	10/24/20 13:36	N2
1,2,4-Trichlorobenzene	mg/kg	0.0025 U	0.0049	0.0025	10/24/20 13:36	
1,2,4-Trimethylbenzene	mg/kg	0.0028 U	0.0049	0.0028	10/24/20 13:36	
1,2-Dichlorobenzene	mg/kg	0.0025 U	0.0049	0.0025	10/24/20 13:36	
1,2-Dichloroethane	mg/kg	0.0025 U	0.0049	0.0025	10/24/20 13:36	
1,2-Dichloropropane	mg/kg	0.0025 U	0.0049	0.0025	10/24/20 13:36	
1,3,5-Trimethylbenzene	mg/kg	0.0028 U	0.0049	0.0028	10/24/20 13:36	
1,3-Dichlorobenzene	mg/kg	0.0025 U	0.0049	0.0025	10/24/20 13:36	
1,3-Dichloropropane	mg/kg	0.0025 U	0.0049	0.0025	10/24/20 13:36	
1,4-Dichlorobenzene	mg/kg	0.0025 U	0.0049	0.0025	10/24/20 13:36	
2,2-Dichloropropane	mg/kg	0.0026 U	0.0049	0.0026	10/24/20 13:36	
2-Butanone (MEK)	mg/kg	0.0049 U	0.049	0.0049	10/24/20 13:36	
2-Chloroethylvinyl ether	mg/kg	0.0099 U	0.020	0.0099	10/24/20 13:36	
2-Chlorotoluene	mg/kg	0.0025 U	0.0049	0.0025	10/24/20 13:36	
2-Hexanone	mg/kg	0.0049 U	0.025	0.0049	10/24/20 13:36	
4-Chlorotoluene	mg/kg	0.0025 U	0.0049	0.0025	10/24/20 13:36	
4-Methyl-2-pentanone (MIBK)	mg/kg	0.0049 U	0.025	0.0049	10/24/20 13:36	
Acetone	mg/kg	0.0099 U	0.025	0.0099	10/24/20 13:36	
Acetonitrile	mg/kg	0.025 U	0.049	0.025	10/24/20 13:36	
Benzene	mg/kg	0.0025 U	0.0049	0.0025	10/24/20 13:36	
Bromobenzene	mg/kg	0.0025 U	0.0049	0.0025	10/24/20 13:36	
Bromochloromethane	mg/kg	0.0025 U	0.0049	0.0025	10/24/20 13:36	
Bromodichloromethane	mg/kg	0.0025 U	0.0049	0.0025	10/24/20 13:36	
Bromoform	mg/kg	0.0025 U	0.0049	0.0025	10/24/20 13:36	
Bromomethane	mg/kg	0.0025 U	0.0049	0.0025	10/24/20 13:36	J(v1)
Carbon disulfide	mg/kg	0.0025 U	0.0049	0.0025	10/24/20 13:36	
Carbon tetrachloride	mg/kg	0.0025 U	0.0049	0.0025	10/24/20 13:36	
Chlorobenzene	mg/kg	0.0025 U	0.0049	0.0025	10/24/20 13:36	
Chloroethane	mg/kg	0.0035 U	0.0049	0.0035	10/24/20 13:36	
Chloroform	mg/kg	0.0029 U	0.0049	0.0029	10/24/20 13:36	
Chloromethane	mg/kg	0.0028 U	0.0049	0.0028	10/24/20 13:36	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
3610 Park Central Blvd N
Pompano Beach, FL 33064
(954)582-4300

QUALITY CONTROL DATA

Project: 040-01-06/Demo B704 SP 1-Revised Report
Pace Project No.: 35586223

METHOD BLANK: 3679825 Matrix: Solid
Associated Lab Samples: 35586223003

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
cis-1,2-Dichloroethene	mg/kg	0.0025 U	0.0049	0.0025	10/24/20 13:36	
cis-1,3-Dichloropropene	mg/kg	0.0025 U	0.0049	0.0025	10/24/20 13:36	
Dibromochloromethane	mg/kg	0.0025 U	0.0049	0.0025	10/24/20 13:36	
Dibromomethane	mg/kg	0.0025 U	0.0049	0.0025	10/24/20 13:36	
Dichlorodifluoromethane	mg/kg	0.0026 U	0.0049	0.0026	10/24/20 13:36	
Ethylbenzene	mg/kg	0.0028 U	0.0049	0.0028	10/24/20 13:36	
Iodomethane	mg/kg	0.0049 U	0.0099	0.0049	10/24/20 13:36	
Isopropylbenzene (Cumene)	mg/kg	0.0029 U	0.0049	0.0029	10/24/20 13:36	
m&p-Xylene	mg/kg	0.0051 U	0.0099	0.0051	10/24/20 13:36	
Methyl-tert-butyl ether	mg/kg	0.0025 U	0.0049	0.0025	10/24/20 13:36	
Methylene Chloride	mg/kg	0.0025 U	0.0049	0.0025	10/24/20 13:36	
n-Butylbenzene	mg/kg	0.0030 U	0.0049	0.0030	10/24/20 13:36	
n-Propylbenzene	mg/kg	0.0026 U	0.0049	0.0026	10/24/20 13:36	
o-Xylene	mg/kg	0.0025 U	0.0049	0.0025	10/24/20 13:36	
p-Isopropyltoluene	mg/kg	0.0030 U	0.0049	0.0030	10/24/20 13:36	
sec-Butylbenzene	mg/kg	0.0029 U	0.0049	0.0029	10/24/20 13:36	
Styrene	mg/kg	0.0025 U	0.0049	0.0025	10/24/20 13:36	
tert-Butylbenzene	mg/kg	0.0028 U	0.0049	0.0028	10/24/20 13:36	
Tetrachloroethene	mg/kg	0.0025 U	0.0049	0.0025	10/24/20 13:36	
Toluene	mg/kg	0.0027 U	0.0049	0.0027	10/24/20 13:36	
trans-1,2-Dichloroethene	mg/kg	0.0030 U	0.0049	0.0030	10/24/20 13:36	
trans-1,3-Dichloropropene	mg/kg	0.0025 U	0.0049	0.0025	10/24/20 13:36	
Trichloroethene	mg/kg	0.0028 U	0.0049	0.0028	10/24/20 13:36	
Trichlorofluoromethane	mg/kg	0.0027 U	0.0049	0.0027	10/24/20 13:36	
Vinyl acetate	mg/kg	0.0025 U	0.0049	0.0025	10/24/20 13:36	
Vinyl chloride	mg/kg	0.0027 U	0.0049	0.0027	10/24/20 13:36	
Xylene (Total)	mg/kg	0.0051 U	0.015	0.0051	10/24/20 13:36	
1,2-Dichlorobenzene-d4 (S)	%	102	70-130		10/24/20 13:36	
4-Bromofluorobenzene (S)	%	97	68-125		10/24/20 13:36	
Toluene-d8 (S)	%	102	70-130		10/24/20 13:36	

LABORATORY CONTROL SAMPLE: 3679826

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	mg/kg	0.02	0.019	95	70-130	
1,1,1-Trichloroethane	mg/kg	0.02	0.017	85	70-130	
1,1,2,2-Tetrachloroethane	mg/kg	0.02	0.018	93	70-130	
1,1,2-Trichloroethane	mg/kg	0.02	0.019	97	70-130	
1,1-Dichloroethane	mg/kg	0.02	0.019	94	70-130	
1,1-Dichloroethene	mg/kg	0.02	0.017	85	62-131	
1,1-Dichloropropene	mg/kg	0.02	0.017	88	70-130	
1,2,3-Trichlorobenzene	mg/kg	0.02	0.020	102	70-130	
1,2,3-Trichloropropane	mg/kg	0.02	0.018	90	72-137	
1,2,3-Trimethylbenzene	mg/kg	0.02	0.019	96	70-130	N2

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
3610 Park Central Blvd N
Pompano Beach, FL 33064
(954)582-4300

QUALITY CONTROL DATA

Project: 040-01-06/Demo B704 SP 1-Revised Report
Pace Project No.: 35586223

LABORATORY CONTROL SAMPLE: 3679826

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trichlorobenzene	mg/kg	0.02	0.020	103	70-130	
1,2,4-Trimethylbenzene	mg/kg	0.02	0.019	97	70-130	
1,2-Dichlorobenzene	mg/kg	0.02	0.020	100	70-130	
1,2-Dichloroethane	mg/kg	0.02	0.018	93	70-130	
1,2-Dichloropropane	mg/kg	0.02	0.018	92	70-130	
1,3,5-Trimethylbenzene	mg/kg	0.02	0.018	93	70-130	
1,3-Dichlorobenzene	mg/kg	0.02	0.020	100	70-130	
1,3-Dichloropropane	mg/kg	0.02	0.019	94	70-130	
1,4-Dichlorobenzene	mg/kg	0.02	0.020	103	70-130	
2,2-Dichloropropane	mg/kg	0.02	0.018	90	70-130	
2-Butanone (MEK)	mg/kg	0.099	0.094	95	64-121	
2-Chloroethylvinyl ether	mg/kg	0.099	0.094	95	20-150	
2-Chlorotoluene	mg/kg	0.02	0.018	91	70-130	
2-Hexanone	mg/kg	0.099	0.098	99	59-137	
4-Chlorotoluene	mg/kg	0.02	0.019	96	70-130	
4-Methyl-2-pentanone (MIBK)	mg/kg	0.099	0.10	102	70-130	
Acetone	mg/kg	0.099	0.092	93	68-146	
Acetonitrile	mg/kg	0.099	0.082	83	68-131	
Benzene	mg/kg	0.02	0.019	94	70-130	
Bromobenzene	mg/kg	0.02	0.019	94	70-130	
Bromochloromethane	mg/kg	0.02	0.018	92	70-130	
Bromodichloromethane	mg/kg	0.02	0.019	95	70-130	
Bromoform	mg/kg	0.02	0.018	93	54-129	
Bromomethane	mg/kg	0.02	0.025	124	58-144	J(v1)
Carbon disulfide	mg/kg	0.02	0.017	86	57-133	
Carbon tetrachloride	mg/kg	0.02	0.017	87	63-137	
Chlorobenzene	mg/kg	0.02	0.019	96	70-130	
Chloroethane	mg/kg	0.02	0.022	112	40-165	
Chloroform	mg/kg	0.02	0.019	94	70-130	
Chloromethane	mg/kg	0.02	0.022	113	64-127	
cis-1,2-Dichloroethene	mg/kg	0.02	0.018	90	70-130	
cis-1,3-Dichloropropene	mg/kg	0.02	0.018	92	70-130	
Dibromochloromethane	mg/kg	0.02	0.019	95	70-130	
Dibromomethane	mg/kg	0.02	0.018	93	70-130	
Dichlorodifluoromethane	mg/kg	0.02	0.018	93	51-143	
Ethylbenzene	mg/kg	0.02	0.019	94	70-130	
Iodomethane	mg/kg	0.02	0.017	87	58-137	
Isopropylbenzene (Cumene)	mg/kg	0.02	0.019	94	70-130	
m&p-Xylene	mg/kg	0.04	0.037	94	70-130	
Methyl-tert-butyl ether	mg/kg	0.02	0.016	82	65-124	
Methylene Chloride	mg/kg	0.02	0.017	84	51-142	
n-Butylbenzene	mg/kg	0.02	0.021	105	70-130	
n-Propylbenzene	mg/kg	0.02	0.019	95	70-130	
o-Xylene	mg/kg	0.02	0.019	94	70-130	
p-Isopropyltoluene	mg/kg	0.02	0.019	97	70-130	
sec-Butylbenzene	mg/kg	0.02	0.019	95	70-130	
Styrene	mg/kg	0.02	0.019	97	70-130	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
3610 Park Central Blvd N
Pompano Beach, FL 33064
(954)582-4300

QUALITY CONTROL DATA

Project: 040-01-06/Demo B704 SP 1-Revised Report
Pace Project No.: 35586223

LABORATORY CONTROL SAMPLE: 3679826

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
tert-Butylbenzene	mg/kg	0.02	0.019	95	70-130	
Tetrachloroethene	mg/kg	0.02	0.018	93	70-130	
Toluene	mg/kg	0.02	0.018	90	70-130	
trans-1,2-Dichloroethene	mg/kg	0.02	0.017	87	70-130	
trans-1,3-Dichloropropene	mg/kg	0.02	0.018	93	70-130	
Trichloroethene	mg/kg	0.02	0.018	90	70-130	
Trichlorofluoromethane	mg/kg	0.02	0.022	111	60-148	
Vinyl acetate	mg/kg	0.02	0.017	86	70-130	
Vinyl chloride	mg/kg	0.02	0.022	110	69-124	
Xylene (Total)	mg/kg	0.059	0.056	94	70-130	
1,2-Dichlorobenzene-d4 (S)	%			99	70-130	
4-Bromofluorobenzene (S)	%			99	68-125	
Toluene-d8 (S)	%			100	70-130	

MATRIX SPIKE SAMPLE: 3679828

Parameter	Units	35586876002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	mg/kg	0.0027 U	0.021	0.030	138	70-130	
1,1,1-Trichloroethane	mg/kg	0.0030 U	0.021	0.031	144	70-130	
1,1,2,2-Tetrachloroethane	mg/kg	0.0027 U	0.021	0.026	121	70-130	
1,1,2-Trichloroethane	mg/kg	0.0027 U	0.021	0.028	132	70-130	
1,1-Dichloroethane	mg/kg	0.0030 U	0.021	0.031	143	70-130	
1,1-Dichloroethene	mg/kg	0.0027 U	0.021	0.033	154	62-131	
1,1-Dichloropropene	mg/kg	0.0028 U	0.021	0.032	149	70-130	
1,2,3-Trichlorobenzene	mg/kg	0.0027 U	0.021	0.022	101	70-130	
1,2,3-Trichloropropane	mg/kg	0.0027 U	0.021	0.025	118	72-137	
1,2,3-Trimethylbenzene	mg/kg	0.0027 U	0.021	0.025	115	70-130	N2
1,2,4-Trichlorobenzene	mg/kg	0.0027 U	0.021	0.022	104	70-130	
1,2,4-Trimethylbenzene	mg/kg	0.0030 U	0.021	0.025	118	70-130	
1,2-Dichlorobenzene	mg/kg	0.0027 U	0.021	0.025	117	70-130	
1,2-Dichloroethane	mg/kg	0.0027 U	0.021	0.028	129	70-130	
1,2-Dichloropropane	mg/kg	0.0027 U	0.021	0.029	133	70-130	
1,3,5-Trimethylbenzene	mg/kg	0.0031 U	0.021	0.025	117	70-130	
1,3-Dichlorobenzene	mg/kg	0.0027 U	0.021	0.026	120	70-130	
1,3-Dichloropropane	mg/kg	0.0027 U	0.021	0.027	127	70-130	
1,4-Dichlorobenzene	mg/kg	0.0027 U	0.021	0.026	122	70-130	
2,2-Dichloropropane	mg/kg	0.0028 U	0.021	0.031	146	70-130	
2-Butanone (MEK)	mg/kg	0.0054 U	0.11	0.11	98	64-121	
2-Chloroethylvinyl ether	mg/kg	0.011 U	0.11	0.093	86	20-150	
2-Chlorotoluene	mg/kg	0.0027 U	0.021	0.026	119	70-130	
2-Hexanone	mg/kg	0.0054 U	0.11	0.12	112	59-137	
4-Chlorotoluene	mg/kg	0.0027 U	0.021	0.026	119	70-130	
4-Methyl-2-pentanone (MIBK)	mg/kg	0.0054 U	0.11	0.12	114	70-130	
Acetone	mg/kg	0.079	0.11	0.17	86	68-146	
Acetonitrile	mg/kg	0.027 U	0.11	0.10	96	68-131	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
3610 Park Central Blvd N
Pompano Beach, FL 33064
(954)582-4300

QUALITY CONTROL DATA

Project: 040-01-06/Demo B704 SP 1-Revised Report
Pace Project No.: 35586223

MATRIX SPIKE SAMPLE: 3679828

Parameter	Units	35586876002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Benzene	mg/kg	0.0028 U	0.021	0.031	143	70-130	
Bromobenzene	mg/kg	0.0027 U	0.021	0.027	124	70-130	
Bromochloromethane	mg/kg	0.0027 U	0.021	0.029	134	70-130	
Bromodichloromethane	mg/kg	0.0027 U	0.021	0.030	139	70-130	
Bromoform	mg/kg	0.0027 U	0.021	0.026	120	54-129	
Bromomethane	mg/kg	0.0027 U	0.021	0.039	180	58-144	J(v1)
Carbon disulfide	mg/kg	0.0027 U	0.021	0.032	149	57-133	
Carbon tetrachloride	mg/kg	0.0027 U	0.021	0.031	146	63-137	
Chlorobenzene	mg/kg	0.0027 U	0.021	0.028	131	70-130	
Chloroethane	mg/kg	0.0039 U	0.021	0.040	185	40-165	
Chloroform	mg/kg	0.0032 U	0.021	0.030	140	70-130	
Chloromethane	mg/kg	0.0030 U	0.021	0.035	165	64-127	
cis-1,2-Dichloroethene	mg/kg	0.0027 U	0.021	0.030	138	70-130	
cis-1,3-Dichloropropene	mg/kg	0.0027 U	0.021	0.028	131	70-130	
Dibromochloromethane	mg/kg	0.0027 U	0.021	0.029	135	70-130	
Dibromomethane	mg/kg	0.0027 U	0.021	0.027	126	70-130	
Dichlorodifluoromethane	mg/kg	0.0029 U	0.021	0.033	155	51-143	
Ethylbenzene	mg/kg	0.0031 U	0.021	0.028	132	70-130	
Iodomethane	mg/kg	0.0054 U	0.021	0.033	152	58-137	
Isopropylbenzene (Cumene)	mg/kg	0.0031 U	0.021	0.027	128	70-130	
m&p-Xylene	mg/kg	0.0056 U	0.043	0.056	129	70-130	
Methyl-tert-butyl ether	mg/kg	0.0027 U	0.021	0.023	108	65-124	
Methylene Chloride	mg/kg	0.0027 U	0.021	0.025	118	51-142	
n-Butylbenzene	mg/kg	0.0033 U	0.021	0.024	111	70-130	
n-Propylbenzene	mg/kg	0.0029 U	0.021	0.026	121	70-130	
o-Xylene	mg/kg	0.0028 U	0.021	0.028	128	70-130	
p-Isopropyltoluene	mg/kg	0.0033 U	0.021	0.024	112	70-130	
sec-Butylbenzene	mg/kg	0.0031 U	0.021	0.025	115	70-130	
Styrene	mg/kg	0.0027 U	0.021	0.028	132	70-130	
tert-Butylbenzene	mg/kg	0.0031 U	0.021	0.024	113	70-130	
Tetrachloroethene	mg/kg	0.0027 U	0.021	0.034	160	70-130	
Toluene	mg/kg	0.0074	0.021	0.036	133	70-130	
trans-1,2-Dichloroethene	mg/kg	0.0033 U	0.021	0.030	142	70-130	
trans-1,3-Dichloropropene	mg/kg	0.0027 U	0.021	0.028	132	70-130	
Trichloroethene	mg/kg	0.0031 U	0.021	0.031	144	70-130	
Trichlorofluoromethane	mg/kg	0.0029 U	0.021	0.039	181	60-148	
Vinyl acetate	mg/kg	0.0027 U	0.021	0.011	50	70-130	
Vinyl chloride	mg/kg	0.0029 U	0.021	0.036	166	69-124	
Xylene (Total)	mg/kg	0.0056 U	0.064	0.083	129	70-130	
1,2-Dichlorobenzene-d4 (S)	%				97	70-130	
4-Bromofluorobenzene (S)	%				99	68-125	
Toluene-d8 (S)	%				99	70-130	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
3610 Park Central Blvd N
Pompano Beach, FL 33064
(954)582-4300

QUALITY CONTROL DATA

Project: 040-01-06/Demo B704 SP 1-Revised Report
Pace Project No.: 35586223

SAMPLE DUPLICATE: 3680439

Parameter	Units	35586876003 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1,2-Tetrachloroethane	mg/kg	0.0026 U	0.0026 U		40	
1,1,1-Trichloroethane	mg/kg	0.0028 U	0.0029 U		40	
1,1,2,2-Tetrachloroethane	mg/kg	0.0026 U	0.0026 U		40	
1,1,2-Trichloroethane	mg/kg	0.0026 U	0.0026 U		40	
1,1-Dichloroethane	mg/kg	0.0028 U	0.0029 U		40	
1,1-Dichloroethene	mg/kg	0.0026 U	0.0026 U		40	
1,1-Dichloropropene	mg/kg	0.0026 U	0.0027 U		40	
1,2,3-Trichlorobenzene	mg/kg	0.0026 U	0.0026 U		40	
1,2,3-Trichloropropane	mg/kg	0.0026 U	0.0026 U		40	
1,2,3-Trimethylbenzene	mg/kg	0.0026 U	0.0026 U		40	N2
1,2,4-Trichlorobenzene	mg/kg	0.0026 U	0.0026 U		40	
1,2,4-Trimethylbenzene	mg/kg	0.0029 U	0.0030 U		40	
1,2-Dichlorobenzene	mg/kg	0.0026 U	0.0026 U		40	
1,2-Dichloroethane	mg/kg	0.0026 U	0.0026 U		40	
1,2-Dichloropropane	mg/kg	0.0026 U	0.0026 U		40	
1,3,5-Trimethylbenzene	mg/kg	0.0030 U	0.0030 U		40	
1,3-Dichlorobenzene	mg/kg	0.0026 U	0.0026 U		40	
1,3-Dichloropropane	mg/kg	0.0026 U	0.0026 U		40	
1,4-Dichlorobenzene	mg/kg	0.0026 U	0.0026 U		40	
2,2-Dichloropropane	mg/kg	0.0027 U	0.0027 U		40	
2-Butanone (MEK)	mg/kg	0.0051 U	0.0053 U		40	
2-Chloroethylvinyl ether	mg/kg	0.010 U	0.011 U		40	
2-Chlorotoluene	mg/kg	0.0026 U	0.0026 U		40	
2-Hexanone	mg/kg	0.0051 U	0.0053 U		40	
4-Chlorotoluene	mg/kg	0.0026 U	0.0026 U		40	
4-Methyl-2-pentanone (MIBK)	mg/kg	0.0051 U	0.0053 U		40	
Acetone	mg/kg	0.075	0.077	2	40	
Acetonitrile	mg/kg	0.026 U	0.026 U		40	
Benzene	mg/kg	0.0026 U	0.0027 U		40	
Bromobenzene	mg/kg	0.0026 U	0.0026 U		40	
Bromochloromethane	mg/kg	0.0026 U	0.0026 U		40	
Bromodichloromethane	mg/kg	0.0026 U	0.0026 U		40	
Bromoform	mg/kg	0.0026 U	0.0026 U		40	
Bromomethane	mg/kg	0.0026 U	0.0026 U		40	J(v1)
Carbon disulfide	mg/kg	0.0026 U	0.0026 U		40	
Carbon tetrachloride	mg/kg	0.0026 U	0.0026 U		40	
Chlorobenzene	mg/kg	0.0026 U	0.0026 U		40	
Chloroethane	mg/kg	0.0037 U	0.0038 U		40	
Chloroform	mg/kg	0.0030 U	0.0031 U		40	
Chloromethane	mg/kg	0.0029 U	0.0030 U		40	
cis-1,2-Dichloroethene	mg/kg	0.0026 U	0.0026 U		40	
cis-1,3-Dichloropropene	mg/kg	0.0026 U	0.0026 U		40	
Dibromochloromethane	mg/kg	0.0026 U	0.0026 U		40	
Dibromomethane	mg/kg	0.0026 U	0.0026 U		40	
Dichlorodifluoromethane	mg/kg	0.0027 U	0.0028 U		40	
Ethylbenzene	mg/kg	0.0029 U	0.0030 U		40	
Iodomethane	mg/kg	0.0051 U	0.0053 U		40	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
3610 Park Central Blvd N
Pompano Beach, FL 33064
(954)582-4300

QUALITY CONTROL DATA

Project: 040-01-06/Demo B704 SP 1-Revised Report
Pace Project No.: 35586223

SAMPLE DUPLICATE: 3680439

Parameter	Units	35586876003 Result	Dup Result	RPD	Max RPD	Qualifiers
Isopropylbenzene (Cumene)	mg/kg	0.0030 U	0.0031 U		40	
m&p-Xylene	mg/kg	0.0053 U	0.0054 U		40	
Methyl-tert-butyl ether	mg/kg	0.0026 U	0.0026 U		40	
Methylene Chloride	mg/kg	0.0026 U	0.0026 U		40	
n-Butylbenzene	mg/kg	0.0031 U	0.0032 U		40	
n-Propylbenzene	mg/kg	0.0027 U	0.0028 U		40	
o-Xylene	mg/kg	0.0027 U	0.0027 U		40	
p-Isopropyltoluene	mg/kg	0.0031 U	0.0032 U		40	
sec-Butylbenzene	mg/kg	0.0030 U	0.0030 U		40	
Styrene	mg/kg	0.0026 U	0.0026 U		40	
tert-Butylbenzene	mg/kg	0.0030 U	0.0030 U		40	
Tetrachloroethene	mg/kg	0.0026 U	0.0026 U		40	
Toluene	mg/kg	0.0078	0.0079	0	40	
trans-1,2-Dichloroethene	mg/kg	0.0031 U	0.0032 U		40	
trans-1,3-Dichloropropene	mg/kg	0.0026 U	0.0026 U		40	
Trichloroethene	mg/kg	0.0029 U	0.0030 U		40	
Trichlorofluoromethane	mg/kg	0.0028 U	0.0029 U		40	
Vinyl acetate	mg/kg	0.0026 U	0.0027 U		40	
Vinyl chloride	mg/kg	0.0028 U	0.0028 U		40	
Xylene (Total)	mg/kg	0.0053 U	0.0054 U		40	
1,2-Dichlorobenzene-d4 (S)	%	102	99			
4-Bromofluorobenzene (S)	%	96	99		40	
Toluene-d8 (S)	%	101	100		40	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
3610 Park Central Blvd N
Pompano Beach, FL 33064
(954)582-4300

QUALITY CONTROL DATA

Project: 040-01-06/Demo B704 SP 1-Revised Report
Pace Project No.: 35586223

QC Batch: 675539
QC Batch Method: EPA 3546
Analysis Method: EPA 8270
Analysis Description: 8270 Solid Full List MSSV Microwave
Laboratory: Pace Analytical Services - Ormond Beach
Associated Lab Samples: 35586223001, 35586223002, 35586223003

METHOD BLANK: 3674306 Matrix: Solid
Associated Lab Samples: 35586223001, 35586223002, 35586223003

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1-Methylnaphthalene	mg/kg	0.013 U	0.040	0.013	10/22/20 22:46	
2,3,4,6-Tetrachlorophenol	mg/kg	0.040 U	0.34	0.040	10/22/20 22:46	
2,4,5-Trichlorophenol	mg/kg	0.0066 U	0.17	0.0066	10/22/20 22:46	
2,4,6-Trichlorophenol	mg/kg	0.0091 U	0.17	0.0091	10/22/20 22:46	
2,4-Dichlorophenol	mg/kg	0.0074 U	0.17	0.0074	10/22/20 22:46	
2,4-Dimethylphenol	mg/kg	0.0076 U	0.17	0.0076	10/22/20 22:46	
2,4-Dinitrophenol	mg/kg	0.10 U	0.66	0.10	10/22/20 22:46	
2,6-Dichlorophenol	mg/kg	0.0057 U	0.17	0.0057	10/22/20 22:46	N2
2-Methylnaphthalene	mg/kg	0.013 U	0.039	0.013	10/22/20 22:46	
2-Methylphenol(o-Cresol)	mg/kg	0.0080 U	0.17	0.0080	10/22/20 22:46	
2-Nitrophenol	mg/kg	0.053 U	0.17	0.053	10/22/20 22:46	
3&4-Methylphenol(m&p Cresol)	mg/kg	0.0076 U	0.17	0.0076	10/22/20 22:46	
4,6-Dinitro-2-methylphenol	mg/kg	0.11 U	0.66	0.11	10/22/20 22:46	
4-Chloro-3-methylphenol	mg/kg	0.0067 U	0.66	0.0067	10/22/20 22:46	
4-Nitrophenol	mg/kg	0.072 U	0.22	0.072	10/22/20 22:46	
Acenaphthene	mg/kg	0.012 U	0.036	0.012	10/22/20 22:46	
Acenaphthylene	mg/kg	0.010 U	0.034	0.010	10/22/20 22:46	
Anthracene	mg/kg	0.012 U	0.036	0.012	10/22/20 22:46	
Benzo(a)anthracene	mg/kg	0.0096 U	0.034	0.0096	10/22/20 22:46	
Benzo(a)pyrene	mg/kg	0.0083 U	0.034	0.0083	10/22/20 22:46	
Benzo(b)fluoranthene	mg/kg	0.0089 U	0.034	0.0089	10/22/20 22:46	
Benzo(g,h,i)perylene	mg/kg	0.0084 U	0.034	0.0084	10/22/20 22:46	
Benzo(k)fluoranthene	mg/kg	0.0089 U	0.034	0.0089	10/22/20 22:46	
Chrysene	mg/kg	0.011 U	0.034	0.011	10/22/20 22:46	
Dibenz(a,h)anthracene	mg/kg	0.0077 U	0.034	0.0077	10/22/20 22:46	
Fluoranthene	mg/kg	0.011 U	0.034	0.011	10/22/20 22:46	
Fluorene	mg/kg	0.012 U	0.037	0.012	10/22/20 22:46	
Indeno(1,2,3-cd)pyrene	mg/kg	0.0077 U	0.034	0.0077	10/22/20 22:46	
Naphthalene	mg/kg	0.011 U	0.035	0.011	10/22/20 22:46	
Pentachlorophenol	mg/kg	0.086 U	0.66	0.086	10/22/20 22:46	
Phenanthrene	mg/kg	0.011 U	0.034	0.011	10/22/20 22:46	
Phenol	mg/kg	0.0095 U	0.17	0.0095	10/22/20 22:46	
Pyrene	mg/kg	0.011 U	0.034	0.011	10/22/20 22:46	
2,4,6-Tribromophenol (S)	%	73	23-110		10/22/20 22:46	
2-Fluorobiphenyl (S)	%	68	29-101		10/22/20 22:46	
2-Fluorophenol (S)	%	68	19-95		10/22/20 22:46	
Nitrobenzene-d5 (S)	%	72	24-98		10/22/20 22:46	
p-Terphenyl-d14 (S)	%	84	29-112		10/22/20 22:46	
Phenol-d5 (S)	%	74	10-104		10/22/20 22:46	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
3610 Park Central Blvd N
Pompano Beach, FL 33064
(954)582-4300

QUALITY CONTROL DATA

Project: 040-01-06/Demo B704 SP 1-Revised Report
Pace Project No.: 35586223

LABORATORY CONTROL SAMPLE: 3674307

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	mg/kg	1.7	1.2	70	38-115	
2,3,4,6-Tetrachlorophenol	mg/kg	1.7	1.2	75	59-117	
2,4,5-Trichlorophenol	mg/kg	1.7	1.2	74	51-99	
2,4,6-Trichlorophenol	mg/kg	1.7	1.3	76	51-98	
2,4-Dichlorophenol	mg/kg	1.7	1.2	70	50-96	
2,4-Dimethylphenol	mg/kg	1.7	1.2	72	49-96	
2,4-Dinitrophenol	mg/kg	1.7	1.4	85	10-126	
2,6-Dichlorophenol	mg/kg	1.7	1.1	69	43-98	N2
2-Methylnaphthalene	mg/kg	1.7	1.2	71	37-115	
2-Methylphenol(o-Cresol)	mg/kg	1.7	1.2	71	49-93	
2-Nitrophenol	mg/kg	1.7	1.2	75	51-100	
3&4-Methylphenol(m&p Cresol)	mg/kg	1.7	1.3	79	49-94	
4,6-Dinitro-2-methylphenol	mg/kg	1.7	1.4	83	32-123	
4-Chloro-3-methylphenol	mg/kg	1.7	1.2	71	51-99	
4-Nitrophenol	mg/kg	1.7	1.2	75	50-115	
Acenaphthene	mg/kg	1.7	1.2	74	30-127	
Acenaphthylene	mg/kg	1.7	1.2	75	29-129	
Anthracene	mg/kg	1.7	1.3	78	37-126	
Benzo(a)anthracene	mg/kg	1.7	1.3	78	37-130	
Benzo(a)pyrene	mg/kg	1.7	1.3	78	39-128	
Benzo(b)fluoranthene	mg/kg	1.7	1.3	78	38-128	
Benzo(g,h,i)perylene	mg/kg	1.7	1.3	78	34-136	
Benzo(k)fluoranthene	mg/kg	1.7	1.3	78	39-133	
Chrysene	mg/kg	1.7	1.2	75	39-125	
Dibenz(a,h)anthracene	mg/kg	1.7	1.3	81	37-127	
Fluoranthene	mg/kg	1.7	1.3	77	39-130	
Fluorene	mg/kg	1.7	1.2	75	35-125	
Indeno(1,2,3-cd)pyrene	mg/kg	1.7	1.3	79	35-133	
Naphthalene	mg/kg	1.7	1.2	72	36-115	
Pentachlorophenol	mg/kg	1.7	1.4	86	39-115	
Phenanthrene	mg/kg	1.7	1.3	77	35-128	
Phenol	mg/kg	1.7	1.3	78	46-94	
Pyrene	mg/kg	1.7	1.3	79	37-132	
2,4,6-Tribromophenol (S)	%			71	23-110	
2-Fluorobiphenyl (S)	%			73	29-101	
2-Fluorophenol (S)	%			74	19-95	
Nitrobenzene-d5 (S)	%			73	24-98	
p-Terphenyl-d14 (S)	%			83	29-112	
Phenol-d5 (S)	%			77	10-104	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3675057 3675058

Parameter	Units	35586223001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1-Methylnaphthalene	mg/kg	0.014 U	1.8	1.8	1.2	1.1	66	61	38-115	9	40	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
3610 Park Central Blvd N
Pompano Beach, FL 33064
(954)582-4300

QUALITY CONTROL DATA

Project: 040-01-06/Demo B704 SP 1-Revised Report
Pace Project No.: 35586223

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3675057 3675058

Parameter	Units	35586223001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
2,3,4,6-Tetrachlorophenol	mg/kg	0.043 U	1.8	1.8	1.3	1.2	74	65	59-117	13	40	
2,4,5-Trichlorophenol	mg/kg	0.0072 U	1.8	1.8	1.3	1.2	74	65	51-99	14	40	
2,4,6-Trichlorophenol	mg/kg	0.0098 U	1.8	1.8	1.3	1.1	74	64	51-98	15	40	
2,4-Dichlorophenol	mg/kg	0.0080 U	1.8	1.8	1.3	1.1	71	61	50-96	15	40	
2,4-Dimethylphenol	mg/kg	0.0082 U	1.8	1.8	1.2	1.1	69	62	49-96	11	40	
2,4-Dinitrophenol	mg/kg	0.11 U	1.8	1.8	1.3	0.87	74	48	10-126	42	40	J(R1)
2,6-Dichlorophenol	mg/kg	0.0062 U	1.8	1.8	1.2	1.1	68	60	43-98	11		N2
2-Methylnaphthalene	mg/kg	0.014 U	1.8	1.8	1.2	1.1	69	60	37-115	14	40	
2-Methylphenol(o-Cresol)	mg/kg	0.0087 U	1.8	1.8	1.2	1.0	69	58	49-93	17	40	
2-Nitrophenol	mg/kg	0.058 U	1.8	1.8	1.3	1.2	72	65	51-100	11	40	
3&4-Methylphenol(m&p Cresol)	mg/kg	0.0083 U	1.8	1.8	1.3	1.1	71	63	49-94	13	40	
4,6-Dinitro-2-methylphenol	mg/kg	0.12 U	1.8	1.8	1.5	1.2	83	69	32-123	19	40	
4-Chloro-3-methylphenol	mg/kg	0.0072 U	1.8	1.8	1.3	1.1	72	61	51-99	16	40	
4-Nitrophenol	mg/kg	0.078 U	1.8	1.8	1.3	1.2	74	66	50-115	12	40	
Acenaphthene	mg/kg	0.013 U	1.8	1.8	1.3	1.1	70	64	30-127	10	40	
Acenaphthylene	mg/kg	0.011 U	1.8	1.8	1.3	1.2	73	66	29-129	11	40	
Anthracene	mg/kg	0.013 U	1.8	1.8	1.4	1.3	78	72	37-126	7	40	
Benzo(a)anthracene	mg/kg	0.010 U	1.8	1.8	1.4	1.3	80	73	37-130	10	40	
Benzo(a)pyrene	mg/kg	0.0090 U	1.8	1.8	1.4	1.3	79	73	39-128	7	40	
Benzo(b)fluoranthene	mg/kg	0.0097 U	1.8	1.8	1.4	1.3	76	73	38-128	4	40	
Benzo(g,h,i)perylene	mg/kg	0.0091 U	1.8	1.8	1.6	1.5	88	82	34-136	7	40	
Benzo(k)fluoranthene	mg/kg	0.0097 U	1.8	1.8	1.4	1.3	79	73	39-133	8	40	
Chrysene	mg/kg	0.011 U	1.8	1.8	1.4	1.3	79	73	39-125	7	40	
Dibenz(a,h)anthracene	mg/kg	0.0083 U	1.8	1.8	1.6	1.4	87	80	37-127	8	40	
Fluoranthene	mg/kg	0.012 U	1.8	1.8	1.4	1.3	78	72	39-130	8	40	
Fluorene	mg/kg	0.013 U	1.8	1.8	1.2	1.2	69	65	35-125	7	40	
Indeno(1,2,3-cd)pyrene	mg/kg	0.0083 U	1.8	1.8	1.5	1.4	86	79	35-133	8	40	
Naphthalene	mg/kg	0.012 U	1.8	1.8	1.2	1.1	69	62	36-115	10	40	
Pentachlorophenol	mg/kg	0.093 U	1.8	1.8	1.3	1.1	72	61	39-115	17	40	
Phenanthrene	mg/kg	0.012 U	1.8	1.8	1.4	1.3	76	72	35-128	5	40	
Phenol	mg/kg	0.010 U	1.8	1.8	1.3	1.1	72	63	46-94	14	40	
Pyrene	mg/kg	0.011 U	1.8	1.8	1.4	1.3	79	71	37-132	11	40	
2,4,6-Tribromophenol (S)	%						74	65	23-110			
2-Fluorobiphenyl (S)	%						75	66	29-101			
2-Fluorophenol (S)	%						74	60	19-95			
Nitrobenzene-d5 (S)	%						68	62	24-98			
p-Terphenyl-d14 (S)	%						84	75	29-112			
Phenol-d5 (S)	%						72	62	10-104			

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
3610 Park Central Blvd N
Pompano Beach, FL 33064
(954)582-4300

QUALITY CONTROL DATA

Project: 040-01-06/Demo B704 SP 1-Revised Report
Pace Project No.: 35586223

QC Batch: 675616
QC Batch Method: EPA 3546
Analysis Method: FL-PRO
Analysis Description: FL-PRO Soil
Laboratory: Pace Analytical Services - Ormond Beach
Associated Lab Samples: 35586223001, 35586223002, 35586223003

METHOD BLANK: 3675151 Matrix: Solid
Associated Lab Samples: 35586223001, 35586223002, 35586223003

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Petroleum Range Organics	mg/kg	5.1 U	6.0	5.1	10/22/20 10:06	
N-Pentatriacontane (S)	%	102	42-159		10/22/20 10:06	
o-Terphenyl (S)	%	102	66-136		10/22/20 10:06	

LABORATORY CONTROL SAMPLE: 3675152

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Petroleum Range Organics	mg/kg	200	179	90	65-119	
N-Pentatriacontane (S)	%			108	42-159	
o-Terphenyl (S)	%			107	66-136	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3675418 3675419

Parameter	Units	35586223001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Petroleum Range Organics	mg/kg	5.6 U	213	218	169	183	77	81	39-181	8	25	
N-Pentatriacontane (S)	%						94	103	42-159			
o-Terphenyl (S)	%						92	102	66-136			

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
3610 Park Central Blvd N
Pompano Beach, FL 33064
(954)582-4300

QUALITY CONTROL DATA

Project: 040-01-06/Demo B704 SP 1-Revised Report
Pace Project No.: 35586223

QC Batch: 676599
QC Batch Method: ASTM D2974-87
Analysis Method: ASTM D2974-87
Analysis Description: Dry Weight/Percent Moisture
Laboratory: Pace Analytical Services - Ormond Beach
Associated Lab Samples: 35586223001, 35586223002, 35586223003

SAMPLE DUPLICATE: 3680626

Parameter	Units	35585637014 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	16.0	16.2	1	10	

SAMPLE DUPLICATE: 3680627

Parameter	Units	35585902001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	81.8	81.6	0	10	

SAMPLE DUPLICATE: 3680628

Parameter	Units	35586125005 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	8.4	8.1	4	10	

SAMPLE DUPLICATE: 3680629

Parameter	Units	35586223002 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	8.8	9.0	2	10	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
3610 Park Central Blvd N
Pompano Beach, FL 33064
(954)582-4300

QUALITY CONTROL DATA

Project: 040-01-06/Demo B704 SP 1-Revised Report
Pace Project No.: 35586223

QC Batch: 676696
QC Batch Method: EPA 9012
Analysis Method: EPA 9012
Analysis Description: 9012 Cyanide
Laboratory: Pace Analytical Services - Ormond Beach
Associated Lab Samples: 35586223001, 35586223002, 35586223003

METHOD BLANK: 3680886 Matrix: Solid
Associated Lab Samples: 35586223001, 35586223002, 35586223003

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Cyanide	mg/kg	0.13 U	0.23	0.13	10/27/20 11:35	

LABORATORY CONTROL SAMPLE: 3680887

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Cyanide	mg/kg	1.2	1.2	99	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3681344 3681345

Parameter	Units	35586223001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Cyanide	mg/kg	0.15 U	0.62	0.67	0.63	0.69	100	101	80-120	9	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
3610 Park Central Blvd N
Pompano Beach, FL 33064
(954)582-4300

QUALIFIERS

Project: 040-01-06/Demo B704 SP 1-Revised Report
Pace Project No.: 35586223

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
U	Compound was analyzed for but not detected.
D3	Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.
J(M1)	Estimated Value. Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
J(R1)	Estimated Value. RPD value was outside control limits.
J(v1)	The continuing calibration verification was above the method acceptance limit. Any detection for the analyte in the associated samples may have a high bias.
J(v2)	The continuing calibration verification was below the method acceptance limit. The analyte was not detected in the associated samples and the sensitivity of the instrument was verified with a reporting limit check standard.
J(v3)	The continuing calibration verification was below the method acceptance limit. Any detection for the analyte in the associated samples may have a low bias.
MS	Analyte recovery in the matrix spike was outside QC limits for one or more of the constituent analytes used in the calculated result.
N2	The lab does not hold NELAC/TNI accreditation for this parameter but other accreditations/certifications may apply. A complete list of accreditations/certifications is available upon request.
V	Indicates that the analyte was detected in both the sample and the associated method blank.

Pace Analytical Services, LLC
3610 Park Central Blvd N
Pompano Beach, FL 33064
(954)582-4300

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 040-01-06/Demo B704 SP 1-Revised Report
Pace Project No.: 35586223

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
35586223001	**Demo B704- SP 1A**	EPA 3546	675616	FL-PRO	675675
35586223002	**Demo B704- SP 1B**	EPA 3546	675616	FL-PRO	675675
35586223003	**Demo B704- SP 1C**	EPA 3546	675616	FL-PRO	675675
35586223001	**Demo B704- SP 1A**	EPA 3050	675771	EPA 6010	675949
35586223002	**Demo B704- SP 1B**	EPA 3050	675771	EPA 6010	675949
35586223003	**Demo B704- SP 1C**	EPA 3050	675771	EPA 6010	675949
35586223002	**Demo B704- SP 1B**	EPA 3010	679081	EPA 6010	679199
35586223001	**Demo B704- SP 1A**	EPA 3546	675539	EPA 8270	675663
35586223002	**Demo B704- SP 1B**	EPA 3546	675539	EPA 8270	675663
35586223003	**Demo B704- SP 1C**	EPA 3546	675539	EPA 8270	675663
35586223001	**Demo B704- SP 1A**	EPA 5035	676157	EPA 8260	676217
35586223002	**Demo B704- SP 1B**	EPA 5035	676157	EPA 8260	676217
35586223003	**Demo B704- SP 1C**	EPA 5035	676391	EPA 8260	676404
35586223001	**Demo B704- SP 1A**	ASTM D2974-87	676599		
35586223002	**Demo B704- SP 1B**	ASTM D2974-87	676599		
35586223003	**Demo B704- SP 1C**	ASTM D2974-87	676599		
35586223001	**Demo B704- SP 1A**	EPA 9012	676696	EPA 9012	676930
35586223002	**Demo B704- SP 1B**	EPA 9012	676696	EPA 9012	676930
35586223003	**Demo B704- SP 1C**	EPA 9012	676696	EPA 9012	676930

WO# : 35586223

35586223

CHAIN-OF-CUSTODY / Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Page : 1 Of 1

Section A — Required Client Information:

Company:	NOVA Consulting, Inc.
Address:	10486 NW 31st Terrace, Doral, FL 33172
Email:	vcolmenares@nova-consulting.com
Phone:	305-436-9200 Fax:
Requested Due Date:	Standard TAT

Required Project Information:

Report	Rod Buenconsejo
Copy	Valeska Colmenares
Purchase Order	MDAD Project # P256E
Project Nar	Demo B704 SP 1
Project #:	040-01-06

Section C — Invoice Information:

Attention:	Rod Buenconsejo
Company Name:	Miami-Dade Aviation Department
Address:	P.O. Box 025504, Miami, Florida 33102-5504
Pace Quote:	
Pace Project Manager:	christina.raschke@pacelabs.com,
Pace Profile #:	9513

Regulatory Agency:

State / Location: FL

ITEM #	SAMPLE ID (One Character per box. (A-Z, 0-9 / , -) Sample Ids must be unique)	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED START DATE	COLLECTED START TIME	COLLECTED END DATE	COLLECTED END TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Other	Analyses Test Y/N	8260 FULL	TRPH FL-PRO	8270 (PAH & Phenol)	6010 (As, Cd, Cr, & Pb)	Nickel	Cyanide	Residual Chlorine (Y/N)	
1	Demo B704 - SP - 1A	SL	C	10/20/2020	12:57	10/20/2020	12:57		4	X						X			X	X	X	X	X	X		Standard TAT
2	Demo B704 - SP - 1B	SL	C	10/20/2020	1:13	10/20/2020	1:13		4	X						X			X	X	X	X	X	X		
3	Demo B704 - SP - 1C	SL	C	10/20/2020	1:32	10/20/2020	1:32		4	X						X			X	X	X	X	X	X		
4		SL	C	10/20/2020		10/20/2020			4	X						X			X	X	X	X	X	X		
5		SL	C	10/20/2020		10/20/2020			4	X						X			X	X	X	X	X	X		
6		SL	C	10/20/2020		10/20/2020			4	X						X			X	X	X	X	X	X		
7		SL	C	10/20/2020		10/20/2020			4	X						X			X	X	X	X	X	X		
8		SL	C	10/20/2020		10/20/2020			4	X						X			X	X	X	X	X	X		
9		SL	C	10/20/2020		10/20/2020			4	X						X			X	X	X	X	X	X		
10		SL	C	10/20/2020		10/20/2020			4	X						X			X	X	X	X	X	X		

MATRIX CODE: Drinking Water (DW), Water (WT), Waste Water (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Other (OT), Tissue (TS)

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
		10/20/20	1420		10/20/20	1420				
		10/20/20	1710		10/20	1710	3.2			
		10/20/20	1900	UMT DATE	10/21/20	1:10	3.9	Y	Y	X

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Valeska Colmenares

SIGNATURE of SAMPLER: [signature] DATE Signed: 10/20/20

TEMP in C | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N)

Pace Analytical	Document Name: Sample Condition Upon Receipt Form	Document Revised: May 30, 2018
	Document No.: F-FL-C-007 rev. 13	Issuing Authority: Pace Florida Quality Office

Sample Condition Upon Receipt Form (SCUR)

WO# : 35586223

Project | **PM: CTR** **Due Date: 10/27/20**

CLIENT: 36-NOVCON

Date and Initials of person:
Examining contents: JMT
Label:
Deliver:
pH:

Thermometer Used: T-349 Date: 10/21/20 Time: 0915 Initials: S.M.L

State of Origin: ☐ For WV projects, all containers verified to ≤6 °C

Cooler #1 Temp.°C	4.0 (Visual)	+0.1 (Correction Factor)	3.9 (Actual)	☐ Samples on ice, cooling process has begun
Cooler #2 Temp.°C	(Visual)	(Correction Factor)	(Actual)	☐ Samples on ice, cooling process has begun
Cooler #3 Temp.°C	(Visual)	(Correction Factor)	(Actual)	☐ Samples on ice, cooling process has begun
Cooler #4 Temp.°C	(Visual)	(Correction Factor)	(Actual)	☐ Samples on ice, cooling process has begun
Cooler #5 Temp.°C	(Visual)	(Correction Factor)	(Actual)	☐ Samples on ice, cooling process has begun
Cooler #6 Temp.°C	(Visual)	(Correction Factor)	(Actual)	☐ Samples on ice, cooling process has begun

Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☐ Client ☑ Commercial ☐ Pace ☐ Other

Shipping Method: ☐ First Overnight ☐ Priority Overnight ☐ Standard Overnight ☐ Ground ☐ International Priority
☐ Other

Billing: ☐ Recipient ☐ Sender ☐ Third Party ☐ Credit Card ☐ Unknown

Tracking #

Custody Seal on Cooler/Box Present: ☐ Yes ☐ No **Seals intact:** ☑ Yes ☐ No **Ice:** Wet Blue Dry None

Packing Material: ☐ Bubble Wrap ☐ Bubble Bags ☐ None ☐ Other

Samples shorted to lab (If Yes, complete) Shorted Date: Shorted Time: Qty:

		Comments:
Chain of Custody Present	☑ Yes ☐ No ☐ N/A	
Chain of Custody Filled Out	☑ Yes ☐ No ☐ N/A	
Relinquished Signature & Sampler Name COC	☑ Yes ☐ No ☐ N/A	
Samples Arrived within Hold Time	☑ Yes ☐ No ☐ N/A	
Rush TAT requested on COC	☐ Yes ☑ No ☐ N/A	
Sufficient Volume	☑ Yes ☐ No ☐ N/A	
Correct Containers Used	☑ Yes ☐ No ☐ N/A	
Containers Intact	☑ Yes ☐ No ☐ N/A	
Sample Labels match COC (sample IDs & date/time of collection)	☑ Yes ☐ No ☐ N/A	
All containers needing acid/base preservation have been checked.	☐ Yes ☐ No ☑ N/A	Preservation Information:
All Containers needing preservation are found to be in compliance with EPA recommendation: Exceptions: VOA, Coliform, TOC, O&G, Carbamates	☐ Yes ☐ No ☑ N/A	Preservative: Lot #/Trace #: Date: Time: Initials:
Headspace in VOA Vials? (>6mm):	☐ Yes ☐ No ☑ N/A	
Trip Blank Present:	☐ Yes ☑ No ☐ N/A	

Client Notification/ Resolution:
Person Contacted: Date/Time:

Comments/ Resolution (use back for additional comments):

Project Manager Review: Date:

Pace Analytical	Document Name: Sample Condition Upon Receipt Form	Document Revised: May 30, 2018
	Document No.: F-FL-C-007 rev. 13	Issuing Authority: Pace Florida Quality Office

Sample Condition Upon Receipt Form (SCUR)

Project #
Project Manager:
Client:

Date and Initials of person:
Examining contents: J.A.
Label:
Deliver:
pH:

Thermometer Used: T343 Date: 10/20/20 Time: 1716 Initials: J.A.

State of Origin: ☐ For WV projects, all containers verified to ≤6 °C

Cooler #1 Temp.°C	3.2 **(Visual)**	0.0 **(Correction Factor)**	3.2 **(Actual)**	☒ Samples on Ice, cooling process has begun
Cooler #2 Temp.°C	_____ **(Visual)**	_____ **(Correction Factor)**	_____ **(Actual)**	☐ Samples on ice, cooling process has begun
Cooler #3 Temp.°C	_____ **(Visual)**	_____ **(Correction Factor)**	_____ **(Actual)**	☐ Samples on ice, cooling process has begun
Cooler #4 Temp.°C	_____ **(Visual)**	_____ **(Correction Factor)**	_____ **(Actual)**	☐ Samples on ice, cooling process has begun
Cooler #5 Temp.°C	_____ **(Visual)**	_____ **(Correction Factor)**	_____ **(Actual)**	☐ Samples on ice, cooling process has begun
Cooler #6 Temp.°C	_____ **(Visual)**	_____ **(Correction Factor)**	_____ **(Actual)**	☐ Samples on ice, cooling process has begun

Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☒ Pace ☐ Other_____

Shipping Method: ☐ First Overnight ☐ Priority Overnight ☐ Standard Overnight ☐ Ground ☐ International Priority ☐ Other_____

Billing: ☐ Recipient ☐ Sender ☐ Third Party ☐ Credit Card ☐ Unknown

Tracking # _____

Custody Seal on Cooler/Box Present: ☐ Yes ☒ No **Seals Intact:** ☐ Yes ☐ No **Ice:** Wet Blue Dry None

Packing Material: ☐ Bubble Wrap ☐ Bubble Bags ☒ None ☐ Other_____

Samples shorted to lab (If Yes, complete) Shorted Date:_____ Shorted Time:_____ Qty:_____

		Comments:
Chain of Custody Present	☒ Yes ☐ No ☐ N/A	
Chain of Custody Filled Out	☒ Yes ☐ No ☐ N/A	
Relinquished Signature & Sampler Name COC	☒ Yes ☐ No ☐ N/A	
Samples Arrived within Hold Time	☒ Yes ☐ No ☐ N/A	
Rush TAT requested on COC	☐ Yes ☒ No ☐ N/A	
Sufficient Volume	☐ Yes ☐ No ☐ N/A	
Correct Containers Used	☐ Yes ☐ No ☐ N/A	
Containers Intact	☐ Yes ☐ No ☐ N/A	
Sample Labels match COC (sample IDs & date/time of collection)	☐ Yes ☐ No ☐ N/A	
All containers needing acid/base preservation have been checked.	☐ Yes ☐ No ☐ N/A	Preservation Information:
All Containers needing preservation are found to be in compliance with EPA recommendation: Exceptions: VOA, Coliform, TOC, O&G, Carbamates	☐ Yes ☐ No ☐ N/A	Preservative:_____ Lot #/Trace #:_____ Date:_____ Time:_____ Initials:_____
Headspace in VOA Vials? (>6mm):	☐ Yes ☐ No ☐ N/A	
Trip Blank Present:	☐ Yes ☐ No ☐ N/A	

Client Notification/ Resolution:
Person Contacted:_____ Date/Time:_____

Comments/ Resolution (use back for additional comments):_____

Project Manager Review:_____ Date:_____

Pace Analytical Services, LLC
3610 Park Central Blvd N
Pompano Beach, FL 33064
(954)582-4300

February 01, 2021

Rod Buenconsejo
Miami-Dade Aviation Department
PO Box 025504
Miami, FL 33102

RE: Project: 040-01-06/Demo B704 SP 1-Revised Report
Pace Project No.: 35605434

Dear Rod Buenconsejo:

Enclosed are the analytical results for sample(s) received by the laboratory on January 18, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Ormond Beach

Revision 1 - This report replaces the 01/22/2021 report. TCLP Cadmium has been added.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Christina Raschke
christina.raschke@pacelabs.com
(954)582-4300
Project Manager

Enclosures

cc: Valeska Colmenares, Nova Consulting, Inc.
Juan Prieto, Nova Consuting, Inc.

Pace Analytical Services, LLC
3610 Park Central Blvd N
Pompano Beach, FL 33064
(954)582-4300

CERTIFICATIONS

Project: 040-01-06/Demo B704 SP 1-Revised Report
Pace Project No.: 35605434

Pace Analytical Services Ormond Beach
8 East Tower Circle, Ormond Beach, FL 32174
Alaska DEC- CS/UST/LUST
Alabama Certification #: 41320
Arizona Certification# AZ0819
Colorado Certification: FL NELAC Reciprocity
Connecticut Certification #: PH-0216
Delaware Certification: FL NELAC Reciprocity
Florida Certification #: E83079
Georgia Certification #: 955
Guam Certification: FL NELAC Reciprocity
Hawaii Certification: FL NELAC Reciprocity
Illinois Certification #: 200068
Indiana Certification: FL NELAC Reciprocity
Kansas Certification #: E-10383
Kentucky Certification #: 90050
Louisiana Certification #: FL NELAC Reciprocity
Louisiana Environmental Certificate #: 05007
Maryland Certification: #346
Michigan Certification #: 9911
Mississippi Certification: FL NELAC Reciprocity
Missouri Certification #: 236
Montana Certification #: Cert 0074
Nebraska Certification: NE-OS-28-14
New Hampshire Certification #: 2958
New Jersey Certification #: FL022
New York Certification #: 11608
North Carolina Environmental Certificate #: 667
North Carolina Certification #: 12710
North Dakota Certification #: R-216
Ohio DEP 87780
Oklahoma Certification #: D9947
Pennsylvania Certification #: 68-00547
Puerto Rico Certification #: FL01264
South Carolina Certification: #96042001
Tennessee Certification #: TN02974
Texas Certification: FL NELAC Reciprocity
US Virgin Islands Certification: FL NELAC Reciprocity
Virginia Environmental Certification #: 460165
West Virginia Certification #: 9962C
Wisconsin Certification #: 399079670
Wyoming (EPA Region 8): FL NELAC Reciprocity

Pace Analytical Services, LLC
3610 Park Central Blvd N
Pompano Beach, FL 33064
(954)582-4300

SAMPLE SUMMARY

Project: 040-01-06/Demo B704 SP 1-Revised Report
Pace Project No.: 35605434

Lab ID	Sample ID	Matrix	Date Collected	Date Received
35605434001	**Discrete Demo B704-A1**	Solid	01/18/21 10:45	01/18/21 17:10
35605434002	**Discrete Demo B704-A2**	Solid	01/18/21 10:49	01/18/21 17:10
35605434003	**Discrete Demo B704-A3**	Solid	01/18/21 10:52	01/18/21 17:10
35605434004	**Discrete Demo B704-B4**	Solid	01/18/21 10:55	01/18/21 17:10
35605434005	**Discrete Demo B704-B5**	Solid	01/18/21 10:59	01/18/21 17:10
35605434006	**Discrete Demo B704-B6**	Solid	01/18/21 11:02	01/18/21 17:10
35605434007	**Discrete Demo B704-C7**	Solid	01/18/21 11:05	01/18/21 17:10
35605434008	**Discrete Demo B704-C8**	Solid	01/18/21 11:08	01/18/21 17:10
35605434009	**Discrete Demo B704-C9**	Solid	01/18/21 11:12	01/18/21 17:10
35605434010	**Demo B704 - SP - 1A**	Solid	01/18/21 11:20	01/18/21 17:10
35605434011	**Demo B704 - SP - 1B**	Solid	01/18/21 11:31	01/18/21 17:10
35605434012	**Demo B704 - SP - 1C**	Solid	01/18/21 11:40	01/18/21 17:10

Pace Analytical Services, LLC
3610 Park Central Blvd N
Pompano Beach, FL 33064
(954)582-4300

SAMPLE ANALYTE COUNT

Project: 040-01-06/Demo B704 SP 1-Revised Report
Pace Project No.: 35605434

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
35605434001	**Discrete Demo B704-A1**	EPA 6010	AMS	1	PASI-O
		ASTM D2974-87	AS3	1	PASI-O
35605434002	**Discrete Demo B704-A2**	EPA 6010	AMS	1	PASI-O
		ASTM D2974-87	AS3	1	PASI-O
35605434003	**Discrete Demo B704-A3**	EPA 6010	CS2	1	PASI-O
		ASTM D2974-87	AS3	1	PASI-O
35605434004	**Discrete Demo B704-B4**	EPA 6010	AMS	1	PASI-O
		ASTM D2974-87	AS3	1	PASI-O
35605434005	**Discrete Demo B704-B5**	EPA 6010	AMS	1	PASI-O
		ASTM D2974-87	AS3	1	PASI-O
35605434006	**Discrete Demo B704-B6**	EPA 6010	AMS	1	PASI-O
		ASTM D2974-87	AS3	1	PASI-O
35605434007	**Discrete Demo B704-C7**	EPA 6010	CS2	1	PASI-O
		EPA 6010	CS3	1	PASI-O
		ASTM D2974-87	AS3	1	PASI-O
35605434008	**Discrete Demo B704-C8**	EPA 6010	CS2	1	PASI-O
		EPA 6010	CS3	1	PASI-O
		ASTM D2974-87	AS3	1	PASI-O
35605434009	**Discrete Demo B704-C9**	EPA 6010	AMS	1	PASI-O
		ASTM D2974-87	AS3	1	PASI-O
35605434010	**Demo B704 - SP - 1A**	EPA 6010	AMS	1	PASI-O
		ASTM D2974-87	AS3	1	PASI-O
35605434011	**Demo B704 - SP - 1B**	EPA 6010	CS2	1	PASI-O
		ASTM D2974-87	AS3	1	PASI-O
35605434012	**Demo B704 - SP - 1C**	EPA 6010	AMS	1	PASI-O
		ASTM D2974-87	AS3	1	PASI-O

PASI-O = Pace Analytical Services - Ormond Beach

Pace Analytical Services, LLC
3610 Park Central Blvd N
Pompano Beach, FL 33064
(954)582-4300

SUMMARY OF DETECTION

Project: 040-01-06/Demo B704 SP 1-Revised Report
Pace Project No.: 35605434

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
35605434001	**Discrete Demo B704-A1**					
EPA 6010	Cadmium	0.80	mg/kg	0.060	01/19/21 17:48	
ASTM D2974-87	Percent Moisture	7.1	%	0.10	01/19/21 15:45	
35605434002	**Discrete Demo B704-A2**					
EPA 6010	Cadmium	3.2	mg/kg	0.057	01/19/21 17:51	
ASTM D2974-87	Percent Moisture	4.0	%	0.10	01/19/21 15:45	
35605434003	**Discrete Demo B704-A3**					
EPA 6010	Cadmium	19.5	mg/kg	0.29	01/20/21 16:57	
ASTM D2974-87	Percent Moisture	7.3	%	0.10	01/19/21 15:46	
35605434004	**Discrete Demo B704-B4**					
EPA 6010	Cadmium	9.5	mg/kg	0.066	01/19/21 17:59	
ASTM D2974-87	Percent Moisture	7.9	%	0.10	01/19/21 15:46	
35605434005	**Discrete Demo B704-B5**					
EPA 6010	Cadmium	0.50	mg/kg	0.061	01/19/21 18:03	
ASTM D2974-87	Percent Moisture	7.1	%	0.10	01/19/21 15:46	
35605434006	**Discrete Demo B704-B6**					
EPA 6010	Cadmium	3.5	mg/kg	0.058	01/19/21 18:06	
ASTM D2974-87	Percent Moisture	16.4	%	0.10	01/19/21 15:46	
35605434007	**Discrete Demo B704-C7**					
EPA 6010	Cadmium	38.6	mg/kg	0.29	01/20/21 17:00	
EPA 6010	Cadmium	1.1	mg/L	0.010	01/31/21 16:25	
ASTM D2974-87	Percent Moisture	3.7	%	0.10	01/19/21 15:46	
35605434008	**Discrete Demo B704-C8**					
EPA 6010	Cadmium	28.1	mg/kg	0.23	01/20/21 17:03	
EPA 6010	Cadmium	0.67	mg/L	0.010	01/31/21 16:22	
ASTM D2974-87	Percent Moisture	4.9	%	0.10	01/19/21 15:46	
35605434009	**Discrete Demo B704-C9**					
EPA 6010	Cadmium	1.6	mg/kg	0.052	01/19/21 18:18	
ASTM D2974-87	Percent Moisture	4.7	%	0.10	01/19/21 15:46	
35605434010	**Demo B704 - SP - 1A**					
EPA 6010	Cadmium	5.8	mg/kg	0.061	01/19/21 18:21	
ASTM D2974-87	Percent Moisture	3.0	%	0.10	01/20/21 13:35	J(D6)
35605434011	**Demo B704 - SP - 1B**					
EPA 6010	Cadmium	13.1	mg/kg	0.29	01/20/21 17:06	
ASTM D2974-87	Percent Moisture	5.5	%	0.10	01/20/21 13:36	
35605434012	**Demo B704 - SP - 1C**					
EPA 6010	Cadmium	4.8	mg/kg	0.066	01/19/21 18:36	
ASTM D2974-87	Percent Moisture	17.1	%	0.10	01/20/21 13:36	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
3610 Park Central Blvd N
Pompano Beach, FL 33064
(954)582-4300

ANALYTICAL RESULTS

Project: 040-01-06/Demo B704 SP 1-Revised Report
Pace Project No.: 35605434

Sample: Discrete Demo B704-A1 **Lab ID: 35605434001** Collected: 01/18/21 10:45 Received: 01/18/21 17:10 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050 Pace Analytical Services - Ormond Beach								
Cadmium	**0.80**	mg/kg	0.060	0.030	1	01/19/21 07:52	01/19/21 17:48	7440-43-9	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Ormond Beach								
Percent Moisture	**7.1**	%	0.10	0.10	1		01/19/21 15:45		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
3610 Park Central Blvd N
Pompano Beach, FL 33064
(954)582-4300

ANALYTICAL RESULTS

Project: 040-01-06/Demo B704 SP 1-Revised Report
Pace Project No.: 35605434

Sample: Discrete Demo B704-A2 **Lab ID: 35605434002** Collected: 01/18/21 10:49 Received: 01/18/21 17:10 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050 Pace Analytical Services - Ormond Beach								
Cadmium	**3.2**	mg/kg	0.057	0.029	1	01/19/21 07:52	01/19/21 17:51	7440-43-9	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Ormond Beach								
Percent Moisture	**4.0**	%	0.10	0.10	1		01/19/21 15:45		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
3610 Park Central Blvd N
Pompano Beach, FL 33064
(954)582-4300

ANALYTICAL RESULTS

Project: 040-01-06/Demo B704 SP 1-Revised Report
Pace Project No.: 35605434

Sample: Discrete Demo B704-A3 **Lab ID: 35605434003** Collected: 01/18/21 10:52 Received: 01/18/21 17:10 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050 Pace Analytical Services - Ormond Beach								
Cadmium	**19.5**	mg/kg	0.29	0.15	5	01/19/21 07:52	01/20/21 16:57	7440-43-9	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Ormond Beach								
Percent Moisture	**7.3**	%	0.10	0.10	1		01/19/21 15:46		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
3610 Park Central Blvd N
Pompano Beach, FL 33064
(954)582-4300

ANALYTICAL RESULTS

Project: 040-01-06/Demo B704 SP 1-Revised Report
Pace Project No.: 35605434

Sample: Discrete Demo B704-B4 **Lab ID: 35605434004** Collected: 01/18/21 10:55 Received: 01/18/21 17:10 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050 Pace Analytical Services - Ormond Beach								
Cadmium	**9.5**	mg/kg	0.066	0.033	1	01/19/21 07:52	01/19/21 17:59	7440-43-9	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Ormond Beach								
Percent Moisture	**7.9**	%	0.10	0.10	1		01/19/21 15:46		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
3610 Park Central Blvd N
Pompano Beach, FL 33064
(954)582-4300

ANALYTICAL RESULTS

Project: 040-01-06/Demo B704 SP 1-Revised Report
Pace Project No.: 35605434

Sample: Discrete Demo B704-B5 **Lab ID: 35605434005** Collected: 01/18/21 10:59 Received: 01/18/21 17:10 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050 Pace Analytical Services - Ormond Beach								
Cadmium	**0.50**	mg/kg	0.061	0.030	1	01/19/21 07:52	01/19/21 18:03	7440-43-9	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Ormond Beach								
Percent Moisture	**7.1**	%	0.10	0.10	1		01/19/21 15:46		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
3610 Park Central Blvd N
Pompano Beach, FL 33064
(954)582-4300

ANALYTICAL RESULTS

Project: 040-01-06/Demo B704 SP 1-Revised Report
Pace Project No.: 35605434

Sample: Discrete Demo B704-B6 **Lab ID: 35605434006** Collected: 01/18/21 11:02 Received: 01/18/21 17:10 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050 Pace Analytical Services - Ormond Beach								
Cadmium	**3.5**	mg/kg	0.058	0.029	1	01/19/21 07:52	01/19/21 18:06	7440-43-9	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Ormond Beach								
Percent Moisture	**16.4**	%	0.10	0.10	1		01/19/21 15:46		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
3610 Park Central Blvd N
Pompano Beach, FL 33064
(954)582-4300

ANALYTICAL RESULTS

Project: 040-01-06/Demo B704 SP 1-Revised Report
Pace Project No.: 35605434

Sample: Discrete Demo B704-C7 **Lab ID: 35605434007** Collected: 01/18/21 11:05 Received: 01/18/21 17:10 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050 Pace Analytical Services - Ormond Beach								
Cadmium	**38.6**	mg/kg	0.29	0.14	5	01/19/21 07:52	01/20/21 17:00	7440-43-9	
6010 MET ICP, TCLP	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Leachate Method/Date: EPA 1311; 01/28/21 14:30 Pace Analytical Services - Ormond Beach								
Cadmium	**1.1**	mg/L	0.010	0.0033	1	01/30/21 00:53	01/31/21 16:25	7440-43-9	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Ormond Beach								
Percent Moisture	**3.7**	%	0.10	0.10	1		01/19/21 15:46		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
3610 Park Central Blvd N
Pompano Beach, FL 33064
(954)582-4300

ANALYTICAL RESULTS

Project: 040-01-06/Demo B704 SP 1-Revised Report
Pace Project No.: 35605434

Sample: Discrete Demo B704-C8 **Lab ID: 35605434008** Collected: 01/18/21 11:08 Received: 01/18/21 17:10 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050 Pace Analytical Services - Ormond Beach								
Cadmium	**28.1**	mg/kg	0.23	0.11	5	01/19/21 07:52	01/20/21 17:03	7440-43-9	
6010 MET ICP, TCLP	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Leachate Method/Date: EPA 1311; 01/28/21 14:30 Pace Analytical Services - Ormond Beach								
Cadmium	**0.67**	mg/L	0.010	0.0033	1	01/30/21 00:53	01/31/21 16:22	7440-43-9	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Ormond Beach								
Percent Moisture	**4.9**	%	0.10	0.10	1		01/19/21 15:46		

Pace Analytical Services, LLC
3610 Park Central Blvd N
Pompano Beach, FL 33064
(954)582-4300

ANALYTICAL RESULTS

Project: 040-01-06/Demo B704 SP 1-Revised Report
Pace Project No.: 35605434

Sample: Discrete Demo B704-C9 **Lab ID: 35605434009** Collected: 01/18/21 11:12 Received: 01/18/21 17:10 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050 Pace Analytical Services - Ormond Beach								
Cadmium	**1.6**	mg/kg	0.052	0.026	1	01/19/21 07:52	01/19/21 18:18	7440-43-9	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Ormond Beach								
Percent Moisture	**4.7**	%	0.10	0.10	1		01/19/21 15:46		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
3610 Park Central Blvd N
Pompano Beach, FL 33064
(954)582-4300

ANALYTICAL RESULTS

Project: 040-01-06/Demo B704 SP 1-Revised Report
Pace Project No.: 35605434

Sample: Demo B704 - SP - 1A **Lab ID: 35605434010** Collected: 01/18/21 11:20 Received: 01/18/21 17:10 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050 Pace Analytical Services - Ormond Beach								
Cadmium	**5.8**	mg/kg	0.061	0.030	1	01/19/21 07:52	01/19/21 18:21	7440-43-9	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Ormond Beach								
Percent Moisture	**3.0**	%	0.10	0.10	1		01/20/21 13:35		J(D6)

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
3610 Park Central Blvd N
Pompano Beach, FL 33064
(954)582-4300

ANALYTICAL RESULTS

Project: 040-01-06/Demo B704 SP 1-Revised Report
Pace Project No.: 35605434

Sample: Demo B704 - SP - 1B **Lab ID: 35605434011** Collected: 01/18/21 11:31 Received: 01/18/21 17:10 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050 Pace Analytical Services - Ormond Beach								
Cadmium	**13.1**	mg/kg	0.29	0.14	5	01/19/21 07:52	01/20/21 17:06	7440-43-9	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Ormond Beach								
Percent Moisture	**5.5**	%	0.10	0.10	1		01/20/21 13:36		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
3610 Park Central Blvd N
Pompano Beach, FL 33064
(954)582-4300

ANALYTICAL RESULTS

Project: 040-01-06/Demo B704 SP 1-Revised Report
Pace Project No.: 35605434

Sample: Demo B704 - SP - 1C **Lab ID: 35605434012** Collected: 01/18/21 11:40 Received: 01/18/21 17:10 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050 Pace Analytical Services - Ormond Beach								
Cadmium	**4.8**	mg/kg	0.066	0.033	1	01/19/21 07:52	01/19/21 18:36	7440-43-9	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Ormond Beach								
Percent Moisture	**17.1**	%	0.10	0.10	1		01/20/21 13:36		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
3610 Park Central Blvd N
Pompano Beach, FL 33064
(954)582-4300

QUALITY CONTROL DATA

Project: 040-01-06/Demo B704 SP 1-Revised Report
Pace Project No.: 35605434

QC Batch: 697753 | Analysis Method: EPA 6010
QC Batch Method: EPA 3050 | Analysis Description: 6010 MET Solid
Laboratory: Pace Analytical Services - Ormond Beach
Associated Lab Samples: 35605434001, 35605434002, 35605434003, 35605434004, 35605434005, 35605434006, 35605434007, 35605434008, 35605434009, 35605434010, 35605434011, 35605434012

METHOD BLANK: 3798503 Matrix: Solid
Associated Lab Samples: 35605434001, 35605434002, 35605434003, 35605434004, 35605434005, 35605434006, 35605434007, 35605434008, 35605434009, 35605434010, 35605434011, 35605434012

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Cadmium	mg/kg	0.024 U	0.047	0.024	01/19/21 17:14	

LABORATORY CONTROL SAMPLE: 3798504

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Cadmium	mg/kg	1.2	1.2	97	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3798505 3798506

Parameter	Units	Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Cadmium	mg/kg	0.039 I	1.8	1.4	1.7	1.4	93	92	75-125	21	20	J(R1)

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
3610 Park Central Blvd N
Pompano Beach, FL 33064
(954)582-4300

QUALITY CONTROL DATA

Project: 040-01-06/Demo B704 SP 1-Revised Report
Pace Project No.: 35605434

QC Batch: 700923
QC Batch Method: EPA 3010
Analysis Method: EPA 6010
Analysis Description: 6010 MET TCLP
Laboratory: Pace Analytical Services - Ormond Beach
Associated Lab Samples: 35605434007, 35605434008

METHOD BLANK: 3815613 Matrix: Water
Associated Lab Samples: 35605434007, 35605434008

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Cadmium	mg/L	0.00033 U	0.0010	0.00033	01/31/21 15:57	

LABORATORY CONTROL SAMPLE: 3817702

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Cadmium	mg/L	0.025	0.026	102	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3817703 3817704

Parameter	Units	35607327001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Cadmium	mg/L	0.0033 U	0.25	0.25	0.25	0.25	100	100	75-125	0	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
3610 Park Central Blvd N
Pompano Beach, FL 33064
(954)582-4300

QUALITY CONTROL DATA

Project: 040-01-06/Demo B704 SP 1-Revised Report
Pace Project No.: 35605434

QC Batch: 697827
QC Batch Method: ASTM D2974-87
Analysis Method: ASTM D2974-87
Analysis Description: Dry Weight/Percent Moisture
Laboratory: Pace Analytical Services - Ormond Beach
Associated Lab Samples: 35605434001, 35605434002, 35605434003, 35605434004, 35605434005, 35605434006, 35605434007, 35605434008, 35605434009

SAMPLE DUPLICATE: 3798790

Parameter	Units	35605434002 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	4.0	4.3	6	10	

SAMPLE DUPLICATE: 3798791

Parameter	Units	35605435018 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	7.9	6.6	17	10	J(D6)

SAMPLE DUPLICATE: 3798792

Parameter	Units	35605443036 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	9.0	10.0	10	10	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
3610 Park Central Blvd N
Pompano Beach, FL 33064
(954)582-4300

QUALITY CONTROL DATA

Project: 040-01-06/Demo B704 SP 1-Revised Report
Pace Project No.: 35605434

QC Batch: 698247
QC Batch Method: ASTM D2974-87
Analysis Method: ASTM D2974-87
Analysis Description: Dry Weight/Percent Moisture
Laboratory: Pace Analytical Services - Ormond Beach
Associated Lab Samples: 35605434010, 35605434011, 35605434012

SAMPLE DUPLICATE: 3800932

Parameter	Units	35605434010 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	3.0	3.9	26	10	J(D6)

SAMPLE DUPLICATE: 3800933

Parameter	Units	35605655006 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	6.8	6.3	8	10	

SAMPLE DUPLICATE: 3800934

Parameter	Units	35605714002 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	19.8	18.2	8	10	

SAMPLE DUPLICATE: 3800935

Parameter	Units	35605714011 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	22.2	23.7	6	10	

SAMPLE DUPLICATE: 3800936

Parameter	Units	35605714020 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	13.0	14.8	12	10	J(D6)

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
3610 Park Central Blvd N
Pompano Beach, FL 33064
(954)582-4300

QUALIFIERS

Project: 040-01-06/Demo B704 SP 1-Revised Report
Pace Project No.: 35605434

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
U	Compound was analyzed for but not detected.
J(D6)	Estimated Value. The relative percent difference (RPD) between the sample and sample duplicate exceeded laboratory control limits.
J(R1)	Estimated Value. RPD value was outside control limits.

Pace Analytical Services, LLC
3610 Park Central Blvd N
Pompano Beach, FL 33064
(954)582-4300

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 040-01-06/Demo B704 SP 1-Revised Report
Pace Project No.: 35605434

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
35605434001	**Discrete Demo B704-A1**	EPA 3050	697753	EPA 6010	697835
35605434002	**Discrete Demo B704-A2**	EPA 3050	697753	EPA 6010	697835
35605434003	**Discrete Demo B704-A3**	EPA 3050	697753	EPA 6010	697835
35605434004	**Discrete Demo B704-B4**	EPA 3050	697753	EPA 6010	697835
35605434005	**Discrete Demo B704-B5**	EPA 3050	697753	EPA 6010	697835
35605434006	**Discrete Demo B704-B6**	EPA 3050	697753	EPA 6010	697835
35605434007	**Discrete Demo B704-C7**	EPA 3050	697753	EPA 6010	697835
35605434008	**Discrete Demo B704-C8**	EPA 3050	697753	EPA 6010	697835
35605434009	**Discrete Demo B704-C9**	EPA 3050	697753	EPA 6010	697835
35605434010	**Demo B704 - SP - 1A**	EPA 3050	697753	EPA 6010	697835
35605434011	**Demo B704 - SP - 1B**	EPA 3050	697753	EPA 6010	697835
35605434012	**Demo B704 - SP - 1C**	EPA 3050	697753	EPA 6010	697835
35605434007	**Discrete Demo B704-C7**	EPA 3010	700923	EPA 6010	700925
35605434008	**Discrete Demo B704-C8**	EPA 3010	700923	EPA 6010	700925
35605434001	**Discrete Demo B704-A1**	ASTM D2974-87	697827		
35605434002	**Discrete Demo B704-A2**	ASTM D2974-87	697827		
35605434003	**Discrete Demo B704-A3**	ASTM D2974-87	697827		
35605434004	**Discrete Demo B704-B4**	ASTM D2974-87	697827		
35605434005	**Discrete Demo B704-B5**	ASTM D2974-87	697827		
35605434006	**Discrete Demo B704-B6**	ASTM D2974-87	697827		
35605434007	**Discrete Demo B704-C7**	ASTM D2974-87	697827		
35605434008	**Discrete Demo B704-C8**	ASTM D2974-87	697827		
35605434009	**Discrete Demo B704-C9**	ASTM D2974-87	697827		
35605434010	**Demo B704 - SP - 1A**	ASTM D2974-87	698247		
35605434011	**Demo B704 - SP - 1B**	ASTM D2974-87	698247		
35605434012	**Demo B704 - SP - 1C**	ASTM D2974-87	698247		

WO# : 35605434

35605434

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Section A — Required Client

Company:	NOVA Consulting, Inc.
Address:	10486 NW 31st Terrace, Doral, FL 33172
Email:	vcolmenares@nova-consulting.com
Phone:	305-436-9200 Fax:
Requested Due Date:	Standard TAT

Report To:	Rod Buenconsejo
Copy To:	Valeska Colmenares
Purchase Order:	MDAD Project # P256E
Project Name:	Demo B704 SP 1
Project #:	040-01-06

Section C — Invoice Information:

Attention:	Rod Buenconsejo
Company Name:	Miami-Dade Aviation Department
Address:	P.O. Box 025504, Miami, Florida 33102-5504
Pace Quote:	
Pace Project Manager:	christina.raschke@pacelabs.com,
Pace Profile #:	9513

Regulatory Agency

State / Location: FL

ITEM #	SAMPLE ID (One Character per box. (A-Z, 0-9 / , -) Sample Ids must be unique)	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED START DATE	COLLECTED START TIME	COLLECTED END DATE	COLLECTED END TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Other	Analyses Test Y/N	Requested Analysis Filtered (Y/N): 8260 FHH	TRPH FL PRO	8270 (PAH & Phenol)	6010 (As, Cd, Cr, & Pb)	Nickel	Cyanide	Residual Chlorine (Y/N)	
1	Discrete Demo B704- A1	SL	C	1/18/2021	10:45	1/18/2021	10:45		4	X						X			X	X	X	X	X	X		Standard TAT
2	Discrete Demo B704- A2	SL	C	1/18/2021	10:49	1/18/2021	10:49		4	X						X			X	X	X	X	X	X		
3	Discrete Demo B704- A3	SL	C	1/18/2021	10:52	1/18/2021	10:52		4	X						X			X	X	X	X	X	X		
4	Discrete Demo B704- B4	SL	C	1/18/2021	10:55	1/18/2021	10:55		4	X						X			X	X	X	X	X	X		
5	Discrete Demo B704- B5	SL	C	1/18/2021	10:59	1/18/2021	10:59		4	X						X			X	X	X	X	X	X		
6	Discrete Demo B704- B6	SL	C	1/18/2021	11:02	1/18/2021	11:02		4	X						X			X	X	X	X	X	X		
7	Discrete Demo B704-C7	SL	C	1/18/2021	11:05	1/18/2021	11:05		4	X						X			X	X	X	X	X	X		
8	Discrete Demo B704- C8	SL	C	1/18/2021	11:08	1/18/2021	11:08		4	X						X			X	X	X	X	X	X		
9	Discrete Demo B704- C9	SL	C	1/18/2021	11:12	1/18/2021	11:12		4	X						X			X	X	X	X	X	X		
10		SL	C	1/18/2021		1/18/2021			4	X						X			X	X	X	X	X	X		

VLC 1/19/2021

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS: TEMP in C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
		1/18/21	1400		1/18/21	1400				
		1/18/21	1710		1/18/21	1710				
		1/18/21	1900	TMA/Pace	1/18/21	2301	1.7	Y	N	Y

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Valeska Colmenares / Frank Bendana

SIGNATURE of SAMPLER: [signature] DATE Signed: 1/18/21

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Section A — Required Client Information:

Company:	NOVA Consulting, Inc.
Address:	10486 NW 31st Terrace, Doral, FL 33172
Email:	vcolmenares@nova-consulting.com
Phone:	305-436-9200 Fax:
Requested Due Date:	Standard TAT

Section B — Required Project Information:

Report To:	Rod Buenconsejo
Copy To:	Valeska Colmenares
Purchase Order:	MDAD Project # P256E
Project Name:	Demo B704 SP 1
Project #:	040-01-06

Section C — Invoice Information:

Attention:	Rod Buenconsejo
Company Name:	Miami-Dade Aviation Department
Address:	P.O. Box 025504, Miami, Florida 33102-5504
Pace Quote:	
Pace Project Manager:	christina.raschke@pacelabs.com,
Pace Profile #:	9513

Regulatory Agency:

State / Location: FL

ITEM #	SAMPLE ID (One Character per box. (A-Z, 0-9 / , -) Sample Ids must be unique)	MATRIX (see valid codes to left)	MATRIX CODE	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED START DATE	COLLECTED START TIME	COLLECTED END DATE	COLLECTED END TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Other	Analyses Test Y/N	Requested Analysis Filtered (Y/N): 8260 FULL	TRPH FL PRO	8270 (PAH & Phenol)	6010 (As, Cd, Cr, & Pb)	Nickel	Cyanide	Residual Chlorine (Y/N)	
1	Demo B704 - SP - 1A	SL	C	1/18/2021	11:20	1/18/2021	11:20		4	X							X		X	X	X	X	X	X			Standard TAT
2	Demo B704 - SP - 1B	SL	C	1/18/2021	11:31	1/18/2021	11:31		4	X							X		X	X	X	X	X	X			
3	Demo B704 - SP - 1C	SL	C	1/18/2021	11:40	1/18/2021	11:40		4	X							X		X	X	X	X	X	X			
4		SL	C	1/18/2021		1/18/2021			4	X							X		X	X	X	X	X	X			
5		SL	C	1/18/2021		1/18/2021			4	X							X		X	X	X	X	X	X			
6		SL	C	1/18/2021		1/18/2021			4	X							X		X	X	X	X	X	X			
7		SL	C	1/18/2021		1/18/2021			4	X							X		X	X	X	X	X	X			
8		SL	C	1/18/2021		1/18/2021			4	X							X		X	X	X	X	X	X			
9		SL	C	1/18/2021		1/18/2021			4	X							X		X	X	X	X	X	X			
10		SL	C	1/18/2021		1/18/2021			4	X							X		X	X	X	X	X	X			

VLC 1/19/2021

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
		1/18/21	1400		1/18/21	1400	
		1/18/21	1710		1/18/21	1710	
		1/18/21	1900				

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Valeska Colmenares / Frank Bendana

SIGNATURE of SAMPLER: [signature]

DATE Signed: 1/18/21

TEMP in C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)

Pace Analytical	Document Name: Sample Condition Upon Receipt Form	Document Revised: May 30, 2018
	Document No.: F-FL-C-007 rev. 13	Issuing Authority: Pace Florida Quality Office

Sample Condition Upon Receipt Form (SCUR)

Project WO#: 35605434

Project Manage PM: CTR Due Date: 01/25/21

Client CLIENT: 36-NOVCON

Date and Initials of person:
Examining contents: TMA
Label:
Deliver:
pH:

Thermometer Used: T-338 Date: 1/18/21 Time: 23:05 Initials: JMT

State of Origin: ☐ For WV projects, all containers verified to ≤6 °C

Cooler #1 Temp.°C	1.4 (Visual)	+0.3 (Correction Factor)	1.7 (Actual)	☐ Samples on ice, cooling process has begun
Cooler #2 Temp.°C	(Visual)	(Correction Factor)	(Actual)	☐ Samples on ice, cooling process has begun
Cooler #3 Temp.°C	(Visual)	(Correction Factor)	(Actual)	☐ Samples on ice, cooling process has begun
Cooler #4 Temp.°C	(Visual)	(Correction Factor)	(Actual)	☐ Samples on ice, cooling process has begun
Cooler #5 Temp.°C	(Visual)	(Correction Factor)	(Actual)	☐ Samples on ice, cooling process has begun
Cooler #6 Temp.°C	(Visual)	(Correction Factor)	(Actual)	☐ Samples on ice, cooling process has begun

Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☐ Client ☑ Commercial ☐ Pace ☐ Other

Shipping Method: ☐ First Overnight ☐ Priority Overnight ☐ Standard Overnight ☐ Ground ☐ International Priority ☐ Other

Billing: ☐ Recipient ☐ Sender ☐ Third Party ☐ Credit Card ☐ Unknown

Tracking #

Custody Seal on Cooler/Box Present: ☐ Yes ☐ No **Seals intact:** ☐ Yes ☐ No **Ice:** (Wet) Blue Dry None

Packing Material: ☐ Bubble Wrap ☐ Bubble Bags ☐ None ☐ Other

Samples shorted to lab (If Yes, complete) Shorted Date: Shorted Time: Qty:

		Comments:
Chain of Custody Present	☐Yes ☐ No ☐N/A	
Chain of Custody Filled Out	☐Yes ☐ No ☐N/A	
Relinquished Signature & Sampler Name COC	☐Yes ☐ No ☐N/A	
Samples Arrived within Hold Time	☐Yes ☐ No ☐N/A	
Rush TAT requested on COC	☐Yes ☐ No ☐N/A	
Sufficient Volume	☐Yes ☐ No ☐N/A	
Correct Containers Used	☐Yes ☐ No ☐N/A	
Containers Intact	☐Yes ☐ No ☐N/A	
Sample Labels match COC (sample IDs & date/time of collection)	☐Yes ☐ No ☐N/A	
All containers needing acid/base preservation have been checked.	☐Yes ☐ No ☐N/A	Preservation Information:
All Containers needing preservation are found to be in compliance with EPA recommendation: Exceptions: VOA, Coliform, TOC, O&G, Carbamates	☐Yes ☐ No ☐N/A	Preservative: Lot #/Trace #: Date: Time: Initials:
Headspace in VOA Vials? (>6mm):	☐Yes ☐ No ☐N/A	
Trip Blank Present:	☐Yes ☐ No ☐N/A	

Client Notification/ Resolution:
Person Contacted: Date/Time:

Comments/ Resolution (use back for additional comments):

Project Manager Review: Date:

Pace Analytical Services, LLC
3610 Park Central Blvd N
Pompano Beach, FL 33064
(954)582-4300

February 17, 2022

Rod Buenconsejo
Miami-Dade Aviation Department
PO Box 025504
Miami, FL 33102

RE: Project: 040-01-06/Demo B704 SP 1R-Revised Report
Pace Project No.: 35685623

Dear Rod Buenconsejo:

Enclosed are the analytical results for sample(s) received by the laboratory on December 20, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Ormond Beach

Revision 1 - This report replaces the 01/07/2022 report. TCLP Cadmium has been added.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Christina Raschke
christina.raschke@pacelabs.com
(954)582-4300
Project Manager

Enclosures

cc: Valeska Colmenares, Nova Consulting, Inc.
Raymond Gonzalez, Nova Consulting
Colin Henderson, Nova Consulting, Inc.
Juan Prieto, Nova Consuting, Inc.

Pace Analytical Services, LLC
3610 Park Central Blvd N
Pompano Beach, FL 33064
(954)582-4300

CERTIFICATIONS

Project: 040-01-06/Demo B704 SP 1R-Revised Report
Pace Project No.: 35685623

Pace Analytical Services Ormond Beach
8 East Tower Circle, Ormond Beach, FL 32174
Alaska DEC- CS/UST/LUST
Alabama Certification #: 41320
Colorado Certification: FL NELAC Reciprocity
Connecticut Certification #: PH-0216
Delaware Certification: FL NELAC Reciprocity
Florida Certification #: E83079
Georgia Certification #: 955
Guam Certification: FL NELAC Reciprocity
Hawaii Certification: FL NELAC Reciprocity
Illinois Certification #: 200068
Indiana Certification: FL NELAC Reciprocity
Kansas Certification #: E-10383
Kentucky Certification #: 90050
Louisiana Certification #: FL NELAC Reciprocity
Louisiana Environmental Certificate #: 05007
Maine Certification #: FL01264
Maryland Certification: #346
Michigan Certification #: 9911
Mississippi Certification: FL NELAC Reciprocity
Missouri Certification #: 236
Montana Certification #: Cert 0074
Nebraska Certification: NE-OS-28-14
New Hampshire Certification #: 2958
New Jersey Certification #: FL022
New York Certification #: 11608
North Carolina Environmental Certificate #: 667
North Carolina Certification #: 12710
North Dakota Certification #: R-216
Ohio DEP 87780
Oklahoma Certification #: D9947
Pennsylvania Certification #: 68-00547
Puerto Rico Certification #: FL01264
South Carolina Certification: #96042001
Tennessee Certification #: TN02974
Texas Certification: FL NELAC Reciprocity
US Virgin Islands Certification: FL NELAC Reciprocity
Virginia Environmental Certification #: 460165
West Virginia Certification #: 9962C
Wisconsin Certification #: 399079670
Wyoming (EPA Region 8): FL NELAC Reciprocity

Pace Analytical Services, LLC
3610 Park Central Blvd N
Pompano Beach, FL 33064
(954)582-4300

SAMPLE SUMMARY

Project: 040-01-06/Demo B704 SP 1R-Revised Report
Pace Project No.: 35685623

Lab ID	Sample ID	Matrix	Date Collected	Date Received
35685623001	**Demo B704-SP-1R-A**	Solid	12/20/21 10:25	12/20/21 16:30
35685623002	**Demo B704-SP-1R-B**	Solid	12/20/21 10:40	12/20/21 16:30
35685623003	**Demo B704-SP-1R-C**	Solid	12/20/21 10:55	12/20/21 16:30

Pace Analytical Services, LLC
3610 Park Central Blvd N
Pompano Beach, FL 33064
(954)582-4300

SAMPLE ANALYTE COUNT

Project: 040-01-06/Demo B704 SP 1R-Revised Report
Pace Project No.: 35685623

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
35685623001	**Demo B704-SP-1R-A**	FL-PRO	PKC	3	PASI-O
		EPA 6010	KC2	5	PASI-O
		EPA 6010	KC2	1	PASI-O
		EPA 8270	TWB	39	PASI-O
		EPA 8260	CLT	70	PASI-O
		ASTM D2974-87	AS3	1	PASI-O
		EPA 9012	CLL	1	PASI-O
35685623002	**Demo B704-SP-1R-B**	FL-PRO	PKC	3	PASI-O
		EPA 6010	KC2	5	PASI-O
		EPA 6010	KC2	1	PASI-O
		EPA 8270	TWB	39	PASI-O
		EPA 8260	CLT	70	PASI-O
		ASTM D2974-87	AS3	1	PASI-O
		EPA 9012	CLL	1	PASI-O
35685623003	**Demo B704-SP-1R-C**	FL-PRO	PKC	3	PASI-O
		EPA 6010	KC2	5	PASI-O
		EPA 6010	KC2	1	PASI-O
		EPA 8270	TWB	39	PASI-O
		EPA 8260	CLT	70	PASI-O
		ASTM D2974-87	AS3	1	PASI-O
		EPA 9012	CLL	1	PASI-O

PASI-O = Pace Analytical Services - Ormond Beach

Pace Analytical Services, LLC
3610 Park Central Blvd N
Pompano Beach, FL 33064
(954)582-4300

SUMMARY OF DETECTION

Project: 040-01-06/Demo B704 SP 1R-Revised Report
Pace Project No.: 35685623

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
35685623001	**Demo B704-SP-1R-A**					
FL-PRO	Petroleum Range Organics	12.0	mg/kg	6.7	12/23/21 22:21	
EPA 6010	Arsenic	0.67 I	mg/kg	0.68	12/23/21 16:32	
EPA 6010	Cadmium	48.2	mg/kg	0.68	12/27/21 12:23	
EPA 6010	Chromium	10.9	mg/kg	0.34	12/23/21 16:32	
EPA 6010	Lead	15.3	mg/kg	0.68	12/23/21 16:32	
EPA 6010	Nickel	2.9	mg/kg	0.34	12/23/21 16:32	
EPA 6010	Cadmium	1.5	mg/L	0.010	01/28/22 08:57	
EPA 8270	Pyrene	0.0070 I	mg/kg	0.038	12/29/21 14:45	
ASTM D2974-87	Percent Moisture	10.8	%	0.10	12/22/21 11:58	
EPA 9012	Cyanide	0.42	mg/kg	0.28	12/31/21 16:15	
35685623002	**Demo B704-SP-1R-B**					
FL-PRO	Petroleum Range Organics	14.2	mg/kg	6.9	12/23/21 22:34	
EPA 6010	Arsenic	1.0	mg/kg	0.51	12/23/21 16:36	
EPA 6010	Cadmium	28.9	mg/kg	0.51	12/27/21 12:26	
EPA 6010	Chromium	8.3	mg/kg	0.25	12/23/21 16:36	
EPA 6010	Lead	15.8	mg/kg	0.51	12/23/21 16:36	
EPA 6010	Nickel	7.8	mg/kg	0.25	12/23/21 16:36	
EPA 6010	Cadmium	0.62	mg/L	0.010	01/28/22 08:53	
EPA 8270	Benzo(a)anthracene	0.011 I	mg/kg	0.074	12/29/21 15:12	P1
EPA 8270	Benzo(b)fluoranthene	0.022 I	mg/kg	0.074	12/29/21 15:12	J(IS),P1
ASTM D2974-87	Percent Moisture	13.4	%	0.10	12/22/21 11:58	
35685623003	**Demo B704-SP-1R-C**					
EPA 6010	Arsenic	0.62	mg/kg	0.59	12/23/21 16:46	
EPA 6010	Cadmium	28.7	mg/kg	0.59	12/27/21 12:30	
EPA 6010	Chromium	14.5	mg/kg	0.30	12/23/21 16:46	
EPA 6010	Lead	9.3	mg/kg	0.59	12/23/21 16:46	
EPA 6010	Nickel	14.4	mg/kg	0.30	12/23/21 16:46	
EPA 6010	Cadmium	0.52	mg/L	0.010	01/28/22 08:38	
ASTM D2974-87	Percent Moisture	20.5	%	0.10	12/22/21 11:58	

Pace Analytical Services, LLC
3610 Park Central Blvd N
Pompano Beach, FL 33064
(954)582-4300

ANALYTICAL RESULTS

Project: 040-01-06/Demo B704 SP 1R-Revised Report
Pace Project No.: 35685623

Sample: Demo B704-SP-1R-A **Lab ID: 35685623001** Collected: 12/20/21 10:25 Received: 12/20/21 16:30 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
FL-PRO Soil Microwave	Analytical Method: FL-PRO Preparation Method: EPA 3546 Pace Analytical Services - Ormond Beach								
Petroleum Range Organics	**12.0**	mg/kg	6.7	5.7	1	12/22/21 12:11	12/23/21 22:21		
Surrogates									
o-Terphenyl (S)	99	%	66-136		1	12/22/21 12:11	12/23/21 22:21	84-15-1	
N-Pentatriacontane (S)	99	%	42-159		1	12/22/21 12:11	12/23/21 22:21	630-07-09	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050 Pace Analytical Services - Ormond Beach								
Arsenic	**0.67 I**	mg/kg	0.68	0.34	1	12/23/21 09:31	12/23/21 16:32	7440-38-2	
Cadmium	**48.2**	mg/kg	0.68	0.34	10	12/23/21 09:31	12/27/21 12:23	7440-43-9	
Chromium	**10.9**	mg/kg	0.34	0.17	1	12/23/21 09:31	12/23/21 16:32	7440-47-3	
Lead	**15.3**	mg/kg	0.68	0.34	1	12/23/21 09:31	12/23/21 16:32	7439-92-1	
Nickel	**2.9**	mg/kg	0.34	0.17	1	12/23/21 09:31	12/23/21 16:32	7440-02-0	
6010 MET ICP, TCLP	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Leachate Method/Date: EPA 1311; 01/26/22 14:57 Pace Analytical Services - Ormond Beach								
Cadmium	**1.5**	mg/L	0.010	0.0033	1	01/27/22 15:10	01/28/22 08:57	7440-43-9	
8270 MSSV Full List Microwave	Analytical Method: EPA 8270 Preparation Method: EPA 3546 Pace Analytical Services - Ormond Beach								
1-Methylnaphthalene	**0.0062 U**	mg/kg	0.045	0.0062	1	12/28/21 10:10	12/29/21 14:45	90-12-0	
2,3,4,6-Tetrachlorophenol	**0.045 U**	mg/kg	0.38	0.045	1	12/28/21 10:10	12/29/21 14:45	58-90-2	
2,4,5-Trichlorophenol	**0.0075 U**	mg/kg	0.19	0.0075	1	12/28/21 10:10	12/29/21 14:45	95-95-4	
2,4,6-Trichlorophenol	**0.010 U**	mg/kg	0.19	0.010	1	12/28/21 10:10	12/29/21 14:45	88-06-2	
2,4-Dichlorophenol	**0.0084 U**	mg/kg	0.19	0.0084	1	12/28/21 10:10	12/29/21 14:45	120-83-2	
2,4-Dimethylphenol	**0.033 U**	mg/kg	0.19	0.033	1	12/28/21 10:10	12/29/21 14:45	105-67-9	
2,4-Dinitrophenol	**0.11 U**	mg/kg	0.75	0.11	1	12/28/21 10:10	12/29/21 14:45	51-28-5	
2,6-Dichlorophenol	**0.032 U**	mg/kg	0.19	0.032	1	12/28/21 10:10	12/29/21 14:45	87-65-0	N2
2-Methylnaphthalene	**0.0059 U**	mg/kg	0.043	0.0059	1	12/28/21 10:10	12/29/21 14:45	91-57-6	
2-Methylphenol(o-Cresol)	**0.0090 U**	mg/kg	0.19	0.0090	1	12/28/21 10:10	12/29/21 14:45	95-48-7	
2-Nitrophenol	**0.060 U**	mg/kg	0.19	0.060	1	12/28/21 10:10	12/29/21 14:45	88-75-5	
3&4-Methylphenol(m&p Cresol)	**0.0086 U**	mg/kg	0.19	0.0086	1	12/28/21 10:10	12/29/21 14:45		
4,6-Dinitro-2-methylphenol	**0.12 U**	mg/kg	0.75	0.12	1	12/28/21 10:10	12/29/21 14:45	534-52-1	
4-Chloro-3-methylphenol	**0.11 U**	mg/kg	0.75	0.11	1	12/28/21 10:10	12/29/21 14:45	59-50-7	
4-Nitrophenol	**0.081 U**	mg/kg	0.24	0.081	1	12/28/21 10:10	12/29/21 14:45	100-02-7	
Acenaphthene	**0.018 U**	mg/kg	0.040	0.018	1	12/28/21 10:10	12/29/21 14:45	83-32-9	
Acenaphthylene	**0.0059 U**	mg/kg	0.038	0.0059	1	12/28/21 10:10	12/29/21 14:45	208-96-8	
Anthracene	**0.0051 U**	mg/kg	0.040	0.0051	1	12/28/21 10:10	12/29/21 14:45	120-12-7	
Benzo(a)anthracene	**0.0050 U**	mg/kg	0.038	0.0050	1	12/28/21 10:10	12/29/21 14:45	56-55-3	
Benzo(a)pyrene	**0.0094 U**	mg/kg	0.038	0.0094	1	12/28/21 10:10	12/29/21 14:45	50-32-8	
Benzo(b)fluoranthene	**0.010 U**	mg/kg	0.038	0.010	1	12/28/21 10:10	12/29/21 14:45	205-99-2	
Benzo(g,h,i)perylene	**0.0095 U**	mg/kg	0.038	0.0095	1	12/28/21 10:10	12/29/21 14:45	191-24-2	
Benzo(k)fluoranthene	**0.010 U**	mg/kg	0.038	0.010	1	12/28/21 10:10	12/29/21 14:45	207-08-9	
Chrysene	**0.0050 U**	mg/kg	0.038	0.0050	1	12/28/21 10:10	12/29/21 14:45	218-01-9	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
3610 Park Central Blvd N
Pompano Beach, FL 33064
(954)582-4300

ANALYTICAL RESULTS

Project: 040-01-06/Demo B704 SP 1R-Revised Report
Pace Project No.: 35685623

Sample: Demo B704-SP-1R-A **Lab ID: 35685623001** Collected: 12/20/21 10:25 Received: 12/20/21 16:30 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Full List Microwave	Analytical Method: EPA 8270 Preparation Method: EPA 3546 Pace Analytical Services - Ormond Beach								
Dibenz(a,h)anthracene	**0.0087 U**	mg/kg	0.038	0.0087	1	12/28/21 10:10	12/29/21 14:45	53-70-3	
Fluoranthene	**0.012 U**	mg/kg	0.038	0.012	1	12/28/21 10:10	12/29/21 14:45	206-44-0	
Fluorene	**0.013 U**	mg/kg	0.041	0.013	1	12/28/21 10:10	12/29/21 14:45	86-73-7	
Indeno(1,2,3-cd)pyrene	**0.0086 U**	mg/kg	0.038	0.0086	1	12/28/21 10:10	12/29/21 14:45	193-39-5	
Naphthalene	**0.013 U**	mg/kg	0.039	0.013	1	12/28/21 10:10	12/29/21 14:45	91-20-3	
Pentachlorophenol	**0.097 U**	mg/kg	0.75	0.097	1	12/28/21 10:10	12/29/21 14:45	87-86-5	
Phenanthrene	**0.0053 U**	mg/kg	0.038	0.0053	1	12/28/21 10:10	12/29/21 14:45	85-01-8	
Phenol	**0.036 U**	mg/kg	0.19	0.036	1	12/28/21 10:10	12/29/21 14:45	108-95-2	
Pyrene	**0.0070 I**	mg/kg	0.038	0.0050	1	12/28/21 10:10	12/29/21 14:45	129-00-0	
Surrogates									
Nitrobenzene-d5 (S)	69	%	24-98		1	12/28/21 10:10	12/29/21 14:45	4165-60-0	
2-Fluorobiphenyl (S)	75	%	29-101		1	12/28/21 10:10	12/29/21 14:45	321-60-8	
p-Terphenyl-d14 (S)	83	%	29-112		1	12/28/21 10:10	12/29/21 14:45	1718-51-0	
Phenol-d6 (S)	67	%	10-104		1	12/28/21 10:10	12/29/21 14:45	13127-88-3	
2-Fluorophenol (S)	58	%	19-95		1	12/28/21 10:10	12/29/21 14:45	367-12-4	
2,4,6-Tribromophenol (S)	61	%	23-110		1	12/28/21 10:10	12/29/21 14:45	118-79-6	
8260 MSV 5035	Analytical Method: EPA 8260 Preparation Method: EPA 5035 Pace Analytical Services - Ormond Beach								
1,1,1,2-Tetrachloroethane	**0.00067 U**	mg/kg	0.0033	0.00067	1	12/22/21 10:55	12/22/21 17:28	630-20-6	
1,1,1-Trichloroethane	**0.00087 U**	mg/kg	0.0033	0.00087	1	12/22/21 10:55	12/22/21 17:28	71-55-6	
1,1,2,2-Tetrachloroethane	**0.00041 U**	mg/kg	0.0033	0.00041	1	12/22/21 10:55	12/22/21 17:28	79-34-5	
1,1,2-Trichloroethane	**0.00039 U**	mg/kg	0.0033	0.00039	1	12/22/21 10:55	12/22/21 17:28	79-00-5	
1,1-Dichloroethane	**0.00065 U**	mg/kg	0.0033	0.00065	1	12/22/21 10:55	12/22/21 17:28	75-34-3	
1,1-Dichloroethene	**0.0017 U**	mg/kg	0.0033	0.0017	1	12/22/21 10:55	12/22/21 17:28	75-35-4	J(v1)
1,1-Dichloropropene	**0.0017 U**	mg/kg	0.0033	0.0017	1	12/22/21 10:55	12/22/21 17:28	563-58-6	
1,2,3-Trichlorobenzene	**0.0017 U**	mg/kg	0.0033	0.0017	1	12/22/21 10:55	12/22/21 17:28	87-61-6	
1,2,3-Trichloropropane	**0.00051 U**	mg/kg	0.0033	0.00051	1	12/22/21 10:55	12/22/21 17:28	96-18-4	
1,2,3-Trimethylbenzene	**0.00067 U**	mg/kg	0.0033	0.00067	1	12/22/21 10:55	12/22/21 17:28	526-73-8	
1,2,4-Trichlorobenzene	**0.0017 U**	mg/kg	0.0033	0.0017	1	12/22/21 10:55	12/22/21 17:28	120-82-1	
1,2,4-Trimethylbenzene	**0.0019 U**	mg/kg	0.0033	0.0019	1	12/22/21 10:55	12/22/21 17:28	95-63-6	
1,2-Dichlorobenzene	**0.00051 U**	mg/kg	0.0033	0.00051	1	12/22/21 10:55	12/22/21 17:28	95-50-1	
1,2-Dichloroethane	**0.00051 U**	mg/kg	0.0033	0.00051	1	12/22/21 10:55	12/22/21 17:28	107-06-2	
1,2-Dichloropropane	**0.00061 U**	mg/kg	0.0033	0.00061	1	12/22/21 10:55	12/22/21 17:28	78-87-5	
1,3,5-Trimethylbenzene	**0.00087 U**	mg/kg	0.0033	0.00087	1	12/22/21 10:55	12/22/21 17:28	108-67-8	
1,3-Dichlorobenzene	**0.00061 U**	mg/kg	0.0033	0.00061	1	12/22/21 10:55	12/22/21 17:28	541-73-1	
1,3-Dichloropropane	**0.00057 U**	mg/kg	0.0033	0.00057	1	12/22/21 10:55	12/22/21 17:28	142-28-9	
1,4-Dichlorobenzene	**0.00045 U**	mg/kg	0.0033	0.00045	1	12/22/21 10:55	12/22/21 17:28	106-46-7	
2,2-Dichloropropane	**0.00087 U**	mg/kg	0.0033	0.00087	1	12/22/21 10:55	12/22/21 17:28	594-20-7	
2-Butanone (MEK)	**0.0033 U**	mg/kg	0.033	0.0033	1	12/22/21 10:55	12/22/21 17:28	78-93-3	
2-Chloroethylvinyl ether	**0.0067 U**	mg/kg	0.013	0.0067	1	12/22/21 10:55	12/22/21 17:28	110-75-8	
2-Chlorotoluene	**0.0017 U**	mg/kg	0.0033	0.0017	1	12/22/21 10:55	12/22/21 17:28	95-49-8	
2-Hexanone	**0.0033 U**	mg/kg	0.017	0.0033	1	12/22/21 10:55	12/22/21 17:28	591-78-6	
4-Chlorotoluene	**0.00080 U**	mg/kg	0.0033	0.00080	1	12/22/21 10:55	12/22/21 17:28	106-43-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
3610 Park Central Blvd N
Pompano Beach, FL 33064
(954)582-4300

ANALYTICAL RESULTS

Project: 040-01-06/Demo B704 SP 1R-Revised Report
Pace Project No.: 35685623

Sample: Demo B704-SP-1R-A **Lab ID: 35685623001** Collected: 12/20/21 10:25 Received: 12/20/21 16:30 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035	Analytical Method: EPA 8260 Preparation Method: EPA 5035 Pace Analytical Services - Ormond Beach								
4-Methyl-2-pentanone (MIBK)	**0.0033 U**	mg/kg	0.017	0.0033	1	12/22/21 10:55	12/22/21 17:28	108-10-1	
Acetone	**0.017 U**	mg/kg	0.033	0.017	1	12/22/21 10:55	12/22/21 17:28	67-64-1	J(v1)
Acetonitrile	**0.0029 U**	mg/kg	0.033	0.0029	1	12/22/21 10:55	12/22/21 17:28	75-05-8	
Benzene	**0.00067 U**	mg/kg	0.0033	0.00067	1	12/22/21 10:55	12/22/21 17:28	71-43-2	
Bromobenzene	**0.00059 U**	mg/kg	0.0033	0.00059	1	12/22/21 10:55	12/22/21 17:28	108-86-1	
Bromochloromethane	**0.00049 U**	mg/kg	0.0033	0.00049	1	12/22/21 10:55	12/22/21 17:28	74-97-5	
Bromodichloromethane	**0.00073 U**	mg/kg	0.0033	0.00073	1	12/22/21 10:55	12/22/21 17:28	75-27-4	
Bromoform	**0.00073 U**	mg/kg	0.0033	0.00073	1	12/22/21 10:55	12/22/21 17:28	75-25-2	
Bromomethane	**0.00044 U**	mg/kg	0.0033	0.00044	1	12/22/21 10:55	12/22/21 17:28	74-83-9	
Carbon disulfide	**0.0017 U**	mg/kg	0.0033	0.0017	1	12/22/21 10:55	12/22/21 17:28	75-15-0	J(v1)
Carbon tetrachloride	**0.00080 U**	mg/kg	0.0033	0.00080	1	12/22/21 10:55	12/22/21 17:28	56-23-5	
Chlorobenzene	**0.00062 U**	mg/kg	0.0033	0.00062	1	12/22/21 10:55	12/22/21 17:28	108-90-7	
Chloroethane	**0.00033 U**	mg/kg	0.0033	0.00033	1	12/22/21 10:55	12/22/21 17:28	75-00-3	
Chloroform	**0.00056 U**	mg/kg	0.0033	0.00056	1	12/22/21 10:55	12/22/21 17:28	67-66-3	
Chloromethane	**0.00059 U**	mg/kg	0.0033	0.00059	1	12/22/21 10:55	12/22/21 17:28	74-87-3	
Dibromochloromethane	**0.00058 U**	mg/kg	0.0033	0.00058	1	12/22/21 10:55	12/22/21 17:28	124-48-1	
Dibromomethane	**0.00047 U**	mg/kg	0.0033	0.00047	1	12/22/21 10:55	12/22/21 17:28	74-95-3	
Dichlorodifluoromethane	**0.00057 U**	mg/kg	0.0033	0.00057	1	12/22/21 10:55	12/22/21 17:28	75-71-8	J(v1)
Ethylbenzene	**0.00080 U**	mg/kg	0.0033	0.00080	1	12/22/21 10:55	12/22/21 17:28	100-41-4	
Iodomethane	**0.00073 U**	mg/kg	0.0067	0.00073	1	12/22/21 10:55	12/22/21 17:28	74-88-4	
Isopropylbenzene (Cumene)	**0.0018 U**	mg/kg	0.0033	0.0018	1	12/22/21 10:55	12/22/21 17:28	98-82-8	
Methyl-tert-butyl ether	**0.0010 U**	mg/kg	0.0033	0.0010	1	12/22/21 10:55	12/22/21 17:28	1634-04-4	
Methylene Chloride	**0.0029 U**	mg/kg	0.0033	0.0029	1	12/22/21 10:55	12/22/21 17:28	75-09-2	
Styrene	**0.0017 U**	mg/kg	0.0033	0.0017	1	12/22/21 10:55	12/22/21 17:28	100-42-5	
Tetrachloroethene	**0.00080 U**	mg/kg	0.0033	0.00080	1	12/22/21 10:55	12/22/21 17:28	127-18-4	
Toluene	**0.00054 U**	mg/kg	0.0033	0.00054	1	12/22/21 10:55	12/22/21 17:28	108-88-3	
Trichloroethene	**0.00080 U**	mg/kg	0.0033	0.00080	1	12/22/21 10:55	12/22/21 17:28	79-01-6	
Trichlorofluoromethane	**0.00061 U**	mg/kg	0.0033	0.00061	1	12/22/21 10:55	12/22/21 17:28	75-69-4	
Vinyl acetate	**0.0011 U**	mg/kg	0.0033	0.0011	1	12/22/21 10:55	12/22/21 17:28	108-05-4	
Vinyl chloride	**0.00062 U**	mg/kg	0.0033	0.00062	1	12/22/21 10:55	12/22/21 17:28	75-01-4	
Xylene (Total)	**0.0034 U**	mg/kg	0.010	0.0034	1	12/22/21 10:55	12/22/21 17:28	1330-20-7	
cis-1,2-Dichloroethene	**0.00073 U**	mg/kg	0.0033	0.00073	1	12/22/21 10:55	12/22/21 17:28	156-59-2	
cis-1,3-Dichloropropene	**0.00067 U**	mg/kg	0.0033	0.00067	1	12/22/21 10:55	12/22/21 17:28	10061-01-5	
m&p-Xylene	**0.0034 U**	mg/kg	0.0067	0.0034	1	12/22/21 10:55	12/22/21 17:28	179601-23-1	
n-Butylbenzene	**0.0017 U**	mg/kg	0.0033	0.0017	1	12/22/21 10:55	12/22/21 17:28	104-51-8	
n-Propylbenzene	**0.00080 U**	mg/kg	0.0033	0.00080	1	12/22/21 10:55	12/22/21 17:28	103-65-1	
o-Xylene	**0.0017 U**	mg/kg	0.0033	0.0017	1	12/22/21 10:55	12/22/21 17:28	95-47-6	
p-Isopropyltoluene	**0.00073 U**	mg/kg	0.0033	0.00073	1	12/22/21 10:55	12/22/21 17:28	99-87-6	
sec-Butylbenzene	**0.0016 U**	mg/kg	0.0033	0.0016	1	12/22/21 10:55	12/22/21 17:28	135-98-8	
tert-Butylbenzene	**0.00087 U**	mg/kg	0.0033	0.00087	1	12/22/21 10:55	12/22/21 17:28	98-06-6	
trans-1,2-Dichloroethene	**0.00087 U**	mg/kg	0.0033	0.00087	1	12/22/21 10:55	12/22/21 17:28	156-60-5	
trans-1,3-Dichloropropene	**0.00066 U**	mg/kg	0.0033	0.00066	1	12/22/21 10:55	12/22/21 17:28	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	95	%	68-125		1	12/22/21 10:55	12/22/21 17:28	460-00-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
3610 Park Central Blvd N
Pompano Beach, FL 33064
(954)582-4300

ANALYTICAL RESULTS

Project: 040-01-06/Demo B704 SP 1R-Revised Report
Pace Project No.: 35685623

Sample: Demo B704-SP-1R-A **Lab ID: 35685623001** Collected: 12/20/21 10:25 Received: 12/20/21 16:30 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035	Analytical Method: EPA 8260 Preparation Method: EPA 5035 Pace Analytical Services - Ormond Beach								
Surrogates									
Toluene-d8 (S)	108	%	70-130		1	12/22/21 10:55	12/22/21 17:28	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	106	%	70-130		1	12/22/21 10:55	12/22/21 17:28	2199-69-1	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Ormond Beach								
Percent Moisture	**10.8**	%	0.10	0.10	1		12/22/21 11:58		
9012 Cyanide, Total	Analytical Method: EPA 9012 Preparation Method: EPA 9012 Pace Analytical Services - Ormond Beach								
Cyanide	**0.42**	mg/kg	0.28	0.16	1	12/31/21 10:15	12/31/21 16:15	57-12-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
3610 Park Central Blvd N
Pompano Beach, FL 33064
(954)582-4300

ANALYTICAL RESULTS

Project: 040-01-06/Demo B704 SP 1R-Revised Report
Pace Project No.: 35685623

Sample: Demo B704-SP-1R-B **Lab ID: 35685623002** Collected: 12/20/21 10:40 Received: 12/20/21 16:30 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
FL-PRO Soil Microwave	Analytical Method: FL-PRO Preparation Method: EPA 3546 Pace Analytical Services - Ormond Beach								
Petroleum Range Organics	**14.2**	mg/kg	6.9	5.9	1	12/22/21 12:11	12/23/21 22:34		
Surrogates									
o-Terphenyl (S)	101	%	66-136		1	12/22/21 12:11	12/23/21 22:34	84-15-1	
N-Pentatriacontane (S)	100	%	42-159		1	12/22/21 12:11	12/23/21 22:34	630-07-09	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050 Pace Analytical Services - Ormond Beach								
Arsenic	**1.0**	mg/kg	0.51	0.25	1	12/23/21 09:31	12/23/21 16:36	7440-38-2	
Cadmium	**28.9**	mg/kg	0.51	0.25	10	12/23/21 09:31	12/27/21 12:26	7440-43-9	
Chromium	**8.3**	mg/kg	0.25	0.13	1	12/23/21 09:31	12/23/21 16:36	7440-47-3	
Lead	**15.8**	mg/kg	0.51	0.25	1	12/23/21 09:31	12/23/21 16:36	7439-92-1	
Nickel	**7.8**	mg/kg	0.25	0.13	1	12/23/21 09:31	12/23/21 16:36	7440-02-0	
6010 MET ICP, TCLP	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Leachate Method/Date: EPA 1311; 01/26/22 14:57 Pace Analytical Services - Ormond Beach								
Cadmium	**0.62**	mg/L	0.010	0.0033	1	01/27/22 15:10	01/28/22 08:53	7440-43-9	
8270 MSSV Full List Microwave	Analytical Method: EPA 8270 Preparation Method: EPA 3546 Pace Analytical Services - Ormond Beach								
1-Methylnaphthalene	**0.012 U**	mg/kg	0.087	0.012	1	12/28/21 10:10	12/29/21 15:12	90-12-0	P1
2,3,4,6-Tetrachlorophenol	**0.087 U**	mg/kg	0.74	0.087	1	12/28/21 10:10	12/29/21 15:12	58-90-2	P1
2,4,5-Trichlorophenol	**0.015 U**	mg/kg	0.37	0.015	1	12/28/21 10:10	12/29/21 15:12	95-95-4	P1
2,4,6-Trichlorophenol	**0.020 U**	mg/kg	0.37	0.020	1	12/28/21 10:10	12/29/21 15:12	88-06-2	P1
2,4-Dichlorophenol	**0.016 U**	mg/kg	0.37	0.016	1	12/28/21 10:10	12/29/21 15:12	120-83-2	P1
2,4-Dimethylphenol	**0.065 U**	mg/kg	0.37	0.065	1	12/28/21 10:10	12/29/21 15:12	105-67-9	P1
2,4-Dinitrophenol	**0.22 U**	mg/kg	1.5	0.22	1	12/28/21 10:10	12/29/21 15:12	51-28-5	P1
2,6-Dichlorophenol	**0.063 U**	mg/kg	0.37	0.063	1	12/28/21 10:10	12/29/21 15:12	87-65-0	N2,P1
2-Methylnaphthalene	**0.012 U**	mg/kg	0.085	0.012	1	12/28/21 10:10	12/29/21 15:12	91-57-6	P1
2-Methylphenol(o-Cresol)	**0.018 U**	mg/kg	0.37	0.018	1	12/28/21 10:10	12/29/21 15:12	95-48-7	P1
2-Nitrophenol	**0.12 U**	mg/kg	0.37	0.12	1	12/28/21 10:10	12/29/21 15:12	88-75-5	P1
3&4-Methylphenol(m&p Cresol)	**0.017 U**	mg/kg	0.37	0.017	1	12/28/21 10:10	12/29/21 15:12		P1
4,6-Dinitro-2-methylphenol	**0.24 U**	mg/kg	1.5	0.24	1	12/28/21 10:10	12/29/21 15:12	534-52-1	P1
4-Chloro-3-methylphenol	**0.22 U**	mg/kg	1.5	0.22	1	12/28/21 10:10	12/29/21 15:12	59-50-7	P1
4-Nitrophenol	**0.16 U**	mg/kg	0.47	0.16	1	12/28/21 10:10	12/29/21 15:12	100-02-7	P1
Acenaphthene	**0.035 U**	mg/kg	0.078	0.035	1	12/28/21 10:10	12/29/21 15:12	83-32-9	P1
Acenaphthylene	**0.012 U**	mg/kg	0.074	0.012	1	12/28/21 10:10	12/29/21 15:12	208-96-8	P1
Anthracene	**0.010 U**	mg/kg	0.078	0.010	1	12/28/21 10:10	12/29/21 15:12	120-12-7	P1
Benzo(a)anthracene	**0.011 I**	mg/kg	0.074	0.0098	1	12/28/21 10:10	12/29/21 15:12	56-55-3	P1
Benzo(a)pyrene	**0.018 U**	mg/kg	0.074	0.018	1	12/28/21 10:10	12/29/21 15:12	50-32-8	J(IS),P1
Benzo(b)fluoranthene	**0.022 I**	mg/kg	0.074	0.020	1	12/28/21 10:10	12/29/21 15:12	205-99-2	J(IS),P1
Benzo(g,h,i)perylene	**0.018 U**	mg/kg	0.074	0.018	1	12/28/21 10:10	12/29/21 15:12	191-24-2	J(IS),P1
Benzo(k)fluoranthene	**0.020 U**	mg/kg	0.074	0.020	1	12/28/21 10:10	12/29/21 15:12	207-08-9	J(IS),P1
Chrysene	**0.0098 U**	mg/kg	0.074	0.0098	1	12/28/21 10:10	12/29/21 15:12	218-01-9	P1

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
3610 Park Central Blvd N
Pompano Beach, FL 33064
(954)582-4300

ANALYTICAL RESULTS

Project: 040-01-06/Demo B704 SP 1R-Revised Report
Pace Project No.: 35685623

Sample: Demo B704-SP-1R-B **Lab ID: 35685623002** Collected: 12/20/21 10:40 Received: 12/20/21 16:30 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Full List Microwave	Analytical Method: EPA 8270 Preparation Method: EPA 3546 Pace Analytical Services - Ormond Beach								
Dibenz(a,h)anthracene	**0.017 U**	mg/kg	0.074	0.017	1	12/28/21 10:10	12/29/21 15:12	53-70-3	J(IS),P1
Fluoranthene	**0.024 U**	mg/kg	0.074	0.024	1	12/28/21 10:10	12/29/21 15:12	206-44-0	P1
Fluorene	**0.026 U**	mg/kg	0.080	0.026	1	12/28/21 10:10	12/29/21 15:12	86-73-7	P1
Indeno(1,2,3-cd)pyrene	**0.017 U**	mg/kg	0.074	0.017	1	12/28/21 10:10	12/29/21 15:12	193-39-5	J(IS),P1
Naphthalene	**0.026 U**	mg/kg	0.076	0.026	1	12/28/21 10:10	12/29/21 15:12	91-20-3	P1
Pentachlorophenol	**0.19 U**	mg/kg	1.5	0.19	1	12/28/21 10:10	12/29/21 15:12	87-86-5	P1
Phenanthrene	**0.010 U**	mg/kg	0.074	0.010	1	12/28/21 10:10	12/29/21 15:12	85-01-8	P1
Phenol	**0.070 U**	mg/kg	0.37	0.070	1	12/28/21 10:10	12/29/21 15:12	108-95-2	P1
Pyrene	**0.0098 U**	mg/kg	0.074	0.0098	1	12/28/21 10:10	12/29/21 15:12	129-00-0	P1
Surrogates									
Nitrobenzene-d5 (S)	72	%	24-98		1	12/28/21 10:10	12/29/21 15:12	4165-60-0	
2-Fluorobiphenyl (S)	77	%	29-101		1	12/28/21 10:10	12/29/21 15:12	321-60-8	
p-Terphenyl-d14 (S)	85	%	29-112		1	12/28/21 10:10	12/29/21 15:12	1718-51-0	
Phenol-d6 (S)	72	%	10-104		1	12/28/21 10:10	12/29/21 15:12	13127-88-3	
2-Fluorophenol (S)	65	%	19-95		1	12/28/21 10:10	12/29/21 15:12	367-12-4	
2,4,6-Tribromophenol (S)	62	%	23-110		1	12/28/21 10:10	12/29/21 15:12	118-79-6	
8260 MSV 5035	Analytical Method: EPA 8260 Preparation Method: EPA 5035 Pace Analytical Services - Ormond Beach								
1,1,1,2-Tetrachloroethane	**0.00070 U**	mg/kg	0.0035	0.00070	1	12/22/21 10:55	12/22/21 17:50	630-20-6	
1,1,1-Trichloroethane	**0.00091 U**	mg/kg	0.0035	0.00091	1	12/22/21 10:55	12/22/21 17:50	71-55-6	
1,1,2,2-Tetrachloroethane	**0.00043 U**	mg/kg	0.0035	0.00043	1	12/22/21 10:55	12/22/21 17:50	79-34-5	
1,1,2-Trichloroethane	**0.00041 U**	mg/kg	0.0035	0.00041	1	12/22/21 10:55	12/22/21 17:50	79-00-5	
1,1-Dichloroethane	**0.00069 U**	mg/kg	0.0035	0.00069	1	12/22/21 10:55	12/22/21 17:50	75-34-3	
1,1-Dichloroethene	**0.0017 U**	mg/kg	0.0035	0.0017	1	12/22/21 10:55	12/22/21 17:50	75-35-4	J(v1)
1,1-Dichloropropene	**0.0018 U**	mg/kg	0.0035	0.0018	1	12/22/21 10:55	12/22/21 17:50	563-58-6	
1,2,3-Trichlorobenzene	**0.0017 U**	mg/kg	0.0035	0.0017	1	12/22/21 10:55	12/22/21 17:50	87-61-6	
1,2,3-Trichloropropane	**0.00053 U**	mg/kg	0.0035	0.00053	1	12/22/21 10:55	12/22/21 17:50	96-18-4	
1,2,3-Trimethylbenzene	**0.00070 U**	mg/kg	0.0035	0.00070	1	12/22/21 10:55	12/22/21 17:50	526-73-8	
1,2,4-Trichlorobenzene	**0.0017 U**	mg/kg	0.0035	0.0017	1	12/22/21 10:55	12/22/21 17:50	120-82-1	
1,2,4-Trimethylbenzene	**0.0020 U**	mg/kg	0.0035	0.0020	1	12/22/21 10:55	12/22/21 17:50	95-63-6	
1,2-Dichlorobenzene	**0.00053 U**	mg/kg	0.0035	0.00053	1	12/22/21 10:55	12/22/21 17:50	95-50-1	
1,2-Dichloroethane	**0.00054 U**	mg/kg	0.0035	0.00054	1	12/22/21 10:55	12/22/21 17:50	107-06-2	
1,2-Dichloropropane	**0.00064 U**	mg/kg	0.0035	0.00064	1	12/22/21 10:55	12/22/21 17:50	78-87-5	
1,3,5-Trimethylbenzene	**0.00091 U**	mg/kg	0.0035	0.00091	1	12/22/21 10:55	12/22/21 17:50	108-67-8	
1,3-Dichlorobenzene	**0.00064 U**	mg/kg	0.0035	0.00064	1	12/22/21 10:55	12/22/21 17:50	541-73-1	
1,3-Dichloropropane	**0.00059 U**	mg/kg	0.0035	0.00059	1	12/22/21 10:55	12/22/21 17:50	142-28-9	
1,4-Dichlorobenzene	**0.00047 U**	mg/kg	0.0035	0.00047	1	12/22/21 10:55	12/22/21 17:50	106-46-7	
2,2-Dichloropropane	**0.00091 U**	mg/kg	0.0035	0.00091	1	12/22/21 10:55	12/22/21 17:50	594-20-7	
2-Butanone (MEK)	**0.0035 U**	mg/kg	0.035	0.0035	1	12/22/21 10:55	12/22/21 17:50	78-93-3	
2-Chloroethylvinyl ether	**0.0070 U**	mg/kg	0.014	0.0070	1	12/22/21 10:55	12/22/21 17:50	110-75-8	
2-Chlorotoluene	**0.0018 U**	mg/kg	0.0035	0.0018	1	12/22/21 10:55	12/22/21 17:50	95-49-8	
2-Hexanone	**0.0035 U**	mg/kg	0.017	0.0035	1	12/22/21 10:55	12/22/21 17:50	591-78-6	
4-Chlorotoluene	**0.00084 U**	mg/kg	0.0035	0.00084	1	12/22/21 10:55	12/22/21 17:50	106-43-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
3610 Park Central Blvd N
Pompano Beach, FL 33064
(954)582-4300

ANALYTICAL RESULTS

Project: 040-01-06/Demo B704 SP 1R-Revised Report
Pace Project No.: 35685623

Sample: Demo B704-SP-1R-B **Lab ID: 35685623002** Collected: 12/20/21 10:40 Received: 12/20/21 16:30 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035	Analytical Method: EPA 8260 Preparation Method: EPA 5035 Pace Analytical Services - Ormond Beach								
4-Methyl-2-pentanone (MIBK)	**0.0035 U**	mg/kg	0.017	0.0035	1	12/22/21 10:55	12/22/21 17:50	108-10-1	
Acetone	**0.018 U**	mg/kg	0.035	0.018	1	12/22/21 10:55	12/22/21 17:50	67-64-1	J(v1)
Acetonitrile	**0.0031 U**	mg/kg	0.035	0.0031	1	12/22/21 10:55	12/22/21 17:50	75-05-8	
Benzene	**0.00070 U**	mg/kg	0.0035	0.00070	1	12/22/21 10:55	12/22/21 17:50	71-43-2	
Bromobenzene	**0.00062 U**	mg/kg	0.0035	0.00062	1	12/22/21 10:55	12/22/21 17:50	108-86-1	
Bromochloromethane	**0.00052 U**	mg/kg	0.0035	0.00052	1	12/22/21 10:55	12/22/21 17:50	74-97-5	
Bromodichloromethane	**0.00077 U**	mg/kg	0.0035	0.00077	1	12/22/21 10:55	12/22/21 17:50	75-27-4	
Bromoform	**0.00077 U**	mg/kg	0.0035	0.00077	1	12/22/21 10:55	12/22/21 17:50	75-25-2	
Bromomethane	**0.00046 U**	mg/kg	0.0035	0.00046	1	12/22/21 10:55	12/22/21 17:50	74-83-9	
Carbon disulfide	**0.0017 U**	mg/kg	0.0035	0.0017	1	12/22/21 10:55	12/22/21 17:50	75-15-0	J(v1)
Carbon tetrachloride	**0.00084 U**	mg/kg	0.0035	0.00084	1	12/22/21 10:55	12/22/21 17:50	56-23-5	
Chlorobenzene	**0.00065 U**	mg/kg	0.0035	0.00065	1	12/22/21 10:55	12/22/21 17:50	108-90-7	
Chloroethane	**0.00034 U**	mg/kg	0.0035	0.00034	1	12/22/21 10:55	12/22/21 17:50	75-00-3	
Chloroform	**0.00059 U**	mg/kg	0.0035	0.00059	1	12/22/21 10:55	12/22/21 17:50	67-66-3	
Chloromethane	**0.00062 U**	mg/kg	0.0035	0.00062	1	12/22/21 10:55	12/22/21 17:50	74-87-3	
Dibromochloromethane	**0.00061 U**	mg/kg	0.0035	0.00061	1	12/22/21 10:55	12/22/21 17:50	124-48-1	
Dibromomethane	**0.00050 U**	mg/kg	0.0035	0.00050	1	12/22/21 10:55	12/22/21 17:50	74-95-3	
Dichlorodifluoromethane	**0.00060 U**	mg/kg	0.0035	0.00060	1	12/22/21 10:55	12/22/21 17:50	75-71-8	J(v1)
Ethylbenzene	**0.00084 U**	mg/kg	0.0035	0.00084	1	12/22/21 10:55	12/22/21 17:50	100-41-4	
Iodomethane	**0.00077 U**	mg/kg	0.0070	0.00077	1	12/22/21 10:55	12/22/21 17:50	74-88-4	
Isopropylbenzene (Cumene)	**0.0019 U**	mg/kg	0.0035	0.0019	1	12/22/21 10:55	12/22/21 17:50	98-82-8	
Methyl-tert-butyl ether	**0.0010 U**	mg/kg	0.0035	0.0010	1	12/22/21 10:55	12/22/21 17:50	1634-04-4	
Methylene Chloride	**0.0031 U**	mg/kg	0.0035	0.0031	1	12/22/21 10:55	12/22/21 17:50	75-09-2	
Styrene	**0.0017 U**	mg/kg	0.0035	0.0017	1	12/22/21 10:55	12/22/21 17:50	100-42-5	
Tetrachloroethene	**0.00084 U**	mg/kg	0.0035	0.00084	1	12/22/21 10:55	12/22/21 17:50	127-18-4	
Toluene	**0.00057 U**	mg/kg	0.0035	0.00057	1	12/22/21 10:55	12/22/21 17:50	108-88-3	
Trichloroethene	**0.00084 U**	mg/kg	0.0035	0.00084	1	12/22/21 10:55	12/22/21 17:50	79-01-6	
Trichlorofluoromethane	**0.00064 U**	mg/kg	0.0035	0.00064	1	12/22/21 10:55	12/22/21 17:50	75-69-4	
Vinyl acetate	**0.0011 U**	mg/kg	0.0035	0.0011	1	12/22/21 10:55	12/22/21 17:50	108-05-4	
Vinyl chloride	**0.00065 U**	mg/kg	0.0035	0.00065	1	12/22/21 10:55	12/22/21 17:50	75-01-4	
Xylene (Total)	**0.0036 U**	mg/kg	0.010	0.0036	1	12/22/21 10:55	12/22/21 17:50	1330-20-7	
cis-1,2-Dichloroethene	**0.00077 U**	mg/kg	0.0035	0.00077	1	12/22/21 10:55	12/22/21 17:50	156-59-2	
cis-1,3-Dichloropropene	**0.00070 U**	mg/kg	0.0035	0.00070	1	12/22/21 10:55	12/22/21 17:50	10061-01-5	
m&p-Xylene	**0.0036 U**	mg/kg	0.0070	0.0036	1	12/22/21 10:55	12/22/21 17:50	179601-23-1	
n-Butylbenzene	**0.0018 U**	mg/kg	0.0035	0.0018	1	12/22/21 10:55	12/22/21 17:50	104-51-8	
n-Propylbenzene	**0.00084 U**	mg/kg	0.0035	0.00084	1	12/22/21 10:55	12/22/21 17:50	103-65-1	
o-Xylene	**0.0018 U**	mg/kg	0.0035	0.0018	1	12/22/21 10:55	12/22/21 17:50	95-47-6	
p-Isopropyltoluene	**0.00077 U**	mg/kg	0.0035	0.00077	1	12/22/21 10:55	12/22/21 17:50	99-87-6	
sec-Butylbenzene	**0.0017 U**	mg/kg	0.0035	0.0017	1	12/22/21 10:55	12/22/21 17:50	135-98-8	
tert-Butylbenzene	**0.00091 U**	mg/kg	0.0035	0.00091	1	12/22/21 10:55	12/22/21 17:50	98-06-6	
trans-1,2-Dichloroethene	**0.00091 U**	mg/kg	0.0035	0.00091	1	12/22/21 10:55	12/22/21 17:50	156-60-5	
trans-1,3-Dichloropropene	**0.00069 U**	mg/kg	0.0035	0.00069	1	12/22/21 10:55	12/22/21 17:50	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	94	%	68-125		1	12/22/21 10:55	12/22/21 17:50	460-00-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
3610 Park Central Blvd N
Pompano Beach, FL 33064
(954)582-4300

ANALYTICAL RESULTS

Project: 040-01-06/Demo B704 SP 1R-Revised Report
Pace Project No.: 35685623

Sample: Demo B704-SP-1R-B **Lab ID: 35685623002** Collected: 12/20/21 10:40 Received: 12/20/21 16:30 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035	Analytical Method: EPA 8260 Preparation Method: EPA 5035 Pace Analytical Services - Ormond Beach								
Surrogates									
Toluene-d8 (S)	109	%	70-130		1	12/22/21 10:55	12/22/21 17:50	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	103	%	70-130		1	12/22/21 10:55	12/22/21 17:50	2199-69-1	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Ormond Beach								
Percent Moisture	**13.4**	%	0.10	0.10	1		12/22/21 11:58		
9012 Cyanide, Total	Analytical Method: EPA 9012 Preparation Method: EPA 9012 Pace Analytical Services - Ormond Beach								
Cyanide	**0.16 U**	mg/kg	0.29	0.16	1	12/31/21 10:15	12/31/21 16:16	57-12-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
3610 Park Central Blvd N
Pompano Beach, FL 33064
(954)582-4300

ANALYTICAL RESULTS

Project: 040-01-06/Demo B704 SP 1R-Revised Report
Pace Project No.: 35685623

Sample: Demo B704-SP-1R-C **Lab ID: 35685623003** Collected: 12/20/21 10:55 Received: 12/20/21 16:30 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
FL-PRO Soil Microwave	Analytical Method: FL-PRO Preparation Method: EPA 3546 Pace Analytical Services - Ormond Beach								
Petroleum Range Organics	**10.4 U**	mg/kg	12.1	10.4	1	12/22/21 12:11	12/23/21 22:48		P1
Surrogates									
o-Terphenyl (S)	98	%	66-136		1	12/22/21 12:11	12/23/21 22:48	84-15-1	
N-Pentatriacontane (S)	101	%	42-159		1	12/22/21 12:11	12/23/21 22:48	630-07-09	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050 Pace Analytical Services - Ormond Beach								
Arsenic	**0.62**	mg/kg	0.59	0.30	1	12/23/21 09:31	12/23/21 16:46	7440-38-2	
Cadmium	**28.7**	mg/kg	0.59	0.30	10	12/23/21 09:31	12/27/21 12:30	7440-43-9	
Chromium	**14.5**	mg/kg	0.30	0.15	1	12/23/21 09:31	12/23/21 16:46	7440-47-3	
Lead	**9.3**	mg/kg	0.59	0.30	1	12/23/21 09:31	12/23/21 16:46	7439-92-1	
Nickel	**14.4**	mg/kg	0.30	0.15	1	12/23/21 09:31	12/23/21 16:46	7440-02-0	
6010 MET ICP, TCLP	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Leachate Method/Date: EPA 1311; 01/26/22 14:57 Pace Analytical Services - Ormond Beach								
Cadmium	**0.52**	mg/L	0.010	0.0033	1	01/27/22 15:10	01/28/22 08:38	7440-43-9	
8270 MSSV Full List Microwave	Analytical Method: EPA 8270 Preparation Method: EPA 3546 Pace Analytical Services - Ormond Beach								
1-Methylnaphthalene	**0.036 U**	mg/kg	0.25	0.036	1	12/28/21 10:10	12/29/21 15:37	90-12-0	P1
2,3,4,6-Tetrachlorophenol	**0.25 U**	mg/kg	2.2	0.25	1	12/28/21 10:10	12/29/21 15:37	58-90-2	P1
2,4,5-Trichlorophenol	**0.043 U**	mg/kg	1.1	0.043	1	12/28/21 10:10	12/29/21 15:37	95-95-4	P1
2,4,6-Trichlorophenol	**0.058 U**	mg/kg	1.1	0.058	1	12/28/21 10:10	12/29/21 15:37	88-06-2	P1
2,4-Dichlorophenol	**0.048 U**	mg/kg	1.1	0.048	1	12/28/21 10:10	12/29/21 15:37	120-83-2	P1
2,4-Dimethylphenol	**0.19 U**	mg/kg	1.1	0.19	1	12/28/21 10:10	12/29/21 15:37	105-67-9	P1
2,4-Dinitrophenol	**0.64 U**	mg/kg	4.3	0.64	1	12/28/21 10:10	12/29/21 15:37	51-28-5	P1
2,6-Dichlorophenol	**0.18 U**	mg/kg	1.1	0.18	1	12/28/21 10:10	12/29/21 15:37	87-65-0	N2,P1
2-Methylnaphthalene	**0.034 U**	mg/kg	0.25	0.034	1	12/28/21 10:10	12/29/21 15:37	91-57-6	P1
2-Methylphenol(o-Cresol)	**0.051 U**	mg/kg	1.1	0.051	1	12/28/21 10:10	12/29/21 15:37	95-48-7	P1
2-Nitrophenol	**0.34 U**	mg/kg	1.1	0.34	1	12/28/21 10:10	12/29/21 15:37	88-75-5	P1
3&4-Methylphenol(m&p Cresol)	**0.049 U**	mg/kg	1.1	0.049	1	12/28/21 10:10	12/29/21 15:37		P1
4,6-Dinitro-2-methylphenol	**0.70 U**	mg/kg	4.3	0.70	1	12/28/21 10:10	12/29/21 15:37	534-52-1	P1
4-Chloro-3-methylphenol	**0.64 U**	mg/kg	4.3	0.64	1	12/28/21 10:10	12/29/21 15:37	59-50-7	P1
4-Nitrophenol	**0.46 U**	mg/kg	1.4	0.46	1	12/28/21 10:10	12/29/21 15:37	100-02-7	P1
Acenaphthene	**0.10 U**	mg/kg	0.23	0.10	1	12/28/21 10:10	12/29/21 15:37	83-32-9	P1
Acenaphthylene	**0.034 U**	mg/kg	0.22	0.034	1	12/28/21 10:10	12/29/21 15:37	208-96-8	P1
Anthracene	**0.029 U**	mg/kg	0.23	0.029	1	12/28/21 10:10	12/29/21 15:37	120-12-7	P1
Benzo(a)anthracene	**0.029 U**	mg/kg	0.22	0.029	1	12/28/21 10:10	12/29/21 15:37	56-55-3	P1
Benzo(a)pyrene	**0.053 U**	mg/kg	0.22	0.053	1	12/28/21 10:10	12/29/21 15:37	50-32-8	P1
Benzo(b)fluoranthene	**0.057 U**	mg/kg	0.22	0.057	1	12/28/21 10:10	12/29/21 15:37	205-99-2	P1
Benzo(g,h,i)perylene	**0.054 U**	mg/kg	0.22	0.054	1	12/28/21 10:10	12/29/21 15:37	191-24-2	P1
Benzo(k)fluoranthene	**0.057 U**	mg/kg	0.22	0.057	1	12/28/21 10:10	12/29/21 15:37	207-08-9	P1
Chrysene	**0.029 U**	mg/kg	0.22	0.029	1	12/28/21 10:10	12/29/21 15:37	218-01-9	P1

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
3610 Park Central Blvd N
Pompano Beach, FL 33064
(954)582-4300

ANALYTICAL RESULTS

Project: 040-01-06/Demo B704 SP 1R-Revised Report
Pace Project No.: 35685623

Sample: Demo B704-SP-1R-C **Lab ID: 35685623003** Collected: 12/20/21 10:55 Received: 12/20/21 16:30 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Full List Microwave	Analytical Method: EPA 8270 Preparation Method: EPA 3546 Pace Analytical Services - Ormond Beach								
Dibenz(a,h)anthracene	**0.050 U**	mg/kg	0.22	0.050	1	12/28/21 10:10	12/29/21 15:37	53-70-3	P1
Fluoranthene	**0.070 U**	mg/kg	0.22	0.070	1	12/28/21 10:10	12/29/21 15:37	206-44-0	P1
Fluorene	**0.076 U**	mg/kg	0.24	0.076	1	12/28/21 10:10	12/29/21 15:37	86-73-7	P1
Indeno(1,2,3-cd)pyrene	**0.049 U**	mg/kg	0.22	0.049	1	12/28/21 10:10	12/29/21 15:37	193-39-5	P1
Naphthalene	**0.076 U**	mg/kg	0.22	0.076	1	12/28/21 10:10	12/29/21 15:37	91-20-3	P1
Pentachlorophenol	**0.55 U**	mg/kg	4.3	0.55	1	12/28/21 10:10	12/29/21 15:37	87-86-5	P1
Phenanthrene	**0.031 U**	mg/kg	0.22	0.031	1	12/28/21 10:10	12/29/21 15:37	85-01-8	P1
Phenol	**0.20 U**	mg/kg	1.1	0.20	1	12/28/21 10:10	12/29/21 15:37	108-95-2	P1
Pyrene	**0.029 U**	mg/kg	0.22	0.029	1	12/28/21 10:10	12/29/21 15:37	129-00-0	P1
Surrogates									
Nitrobenzene-d5 (S)	61	%	24-98		1	12/28/21 10:10	12/29/21 15:37	4165-60-0	
2-Fluorobiphenyl (S)	67	%	29-101		1	12/28/21 10:10	12/29/21 15:37	321-60-8	
p-Terphenyl-d14 (S)	77	%	29-112		1	12/28/21 10:10	12/29/21 15:37	1718-51-0	
Phenol-d6 (S)	61	%	10-104		1	12/28/21 10:10	12/29/21 15:37	13127-88-3	
2-Fluorophenol (S)	55	%	19-95		1	12/28/21 10:10	12/29/21 15:37	367-12-4	
2,4,6-Tribromophenol (S)	54	%	23-110		1	12/28/21 10:10	12/29/21 15:37	118-79-6	
8260 MSV 5035	Analytical Method: EPA 8260 Preparation Method: EPA 5035 Pace Analytical Services - Ormond Beach								
1,1,1,2-Tetrachloroethane	**0.0010 U**	mg/kg	0.0050	0.0010	1	12/22/21 10:55	12/22/21 18:12	630-20-6	
1,1,1-Trichloroethane	**0.0013 U**	mg/kg	0.0050	0.0013	1	12/22/21 10:55	12/22/21 18:12	71-55-6	
1,1,2,2-Tetrachloroethane	**0.00062 U**	mg/kg	0.0050	0.00062	1	12/22/21 10:55	12/22/21 18:12	79-34-5	
1,1,2-Trichloroethane	**0.00059 U**	mg/kg	0.0050	0.00059	1	12/22/21 10:55	12/22/21 18:12	79-00-5	
1,1-Dichloroethane	**0.00099 U**	mg/kg	0.0050	0.00099	1	12/22/21 10:55	12/22/21 18:12	75-34-3	
1,1-Dichloroethene	**0.0025 U**	mg/kg	0.0050	0.0025	1	12/22/21 10:55	12/22/21 18:12	75-35-4	J(v1)
1,1-Dichloropropene	**0.0026 U**	mg/kg	0.0050	0.0026	1	12/22/21 10:55	12/22/21 18:12	563-58-6	
1,2,3-Trichlorobenzene	**0.0025 U**	mg/kg	0.0050	0.0025	1	12/22/21 10:55	12/22/21 18:12	87-61-6	
1,2,3-Trichloropropane	**0.00077 U**	mg/kg	0.0050	0.00077	1	12/22/21 10:55	12/22/21 18:12	96-18-4	
1,2,3-Trimethylbenzene	**0.0010 U**	mg/kg	0.0050	0.0010	1	12/22/21 10:55	12/22/21 18:12	526-73-8	
1,2,4-Trichlorobenzene	**0.0025 U**	mg/kg	0.0050	0.0025	1	12/22/21 10:55	12/22/21 18:12	120-82-1	
1,2,4-Trimethylbenzene	**0.0028 U**	mg/kg	0.0050	0.0028	1	12/22/21 10:55	12/22/21 18:12	95-63-6	
1,2-Dichlorobenzene	**0.00077 U**	mg/kg	0.0050	0.00077	1	12/22/21 10:55	12/22/21 18:12	95-50-1	
1,2-Dichloroethane	**0.00078 U**	mg/kg	0.0050	0.00078	1	12/22/21 10:55	12/22/21 18:12	107-06-2	
1,2-Dichloropropane	**0.00093 U**	mg/kg	0.0050	0.00093	1	12/22/21 10:55	12/22/21 18:12	78-87-5	
1,3,5-Trimethylbenzene	**0.0013 U**	mg/kg	0.0050	0.0013	1	12/22/21 10:55	12/22/21 18:12	108-67-8	
1,3-Dichlorobenzene	**0.00092 U**	mg/kg	0.0050	0.00092	1	12/22/21 10:55	12/22/21 18:12	541-73-1	
1,3-Dichloropropane	**0.00086 U**	mg/kg	0.0050	0.00086	1	12/22/21 10:55	12/22/21 18:12	142-28-9	
1,4-Dichlorobenzene	**0.00068 U**	mg/kg	0.0050	0.00068	1	12/22/21 10:55	12/22/21 18:12	106-46-7	
2,2-Dichloropropane	**0.0013 U**	mg/kg	0.0050	0.0013	1	12/22/21 10:55	12/22/21 18:12	594-20-7	
2-Butanone (MEK)	**0.0050 U**	mg/kg	0.050	0.0050	1	12/22/21 10:55	12/22/21 18:12	78-93-3	
2-Chloroethylvinyl ether	**0.010 U**	mg/kg	0.020	0.010	1	12/22/21 10:55	12/22/21 18:12	110-75-8	
2-Chlorotoluene	**0.0025 U**	mg/kg	0.0050	0.0025	1	12/22/21 10:55	12/22/21 18:12	95-49-8	
2-Hexanone	**0.0050 U**	mg/kg	0.025	0.0050	1	12/22/21 10:55	12/22/21 18:12	591-78-6	
4-Chlorotoluene	**0.0012 U**	mg/kg	0.0050	0.0012	1	12/22/21 10:55	12/22/21 18:12	106-43-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
3610 Park Central Blvd N
Pompano Beach, FL 33064
(954)582-4300

ANALYTICAL RESULTS

Project: 040-01-06/Demo B704 SP 1R-Revised Report
Pace Project No.: 35685623

Sample: Demo B704-SP-1R-C **Lab ID: 35685623003** Collected: 12/20/21 10:55 Received: 12/20/21 16:30 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035	Analytical Method: EPA 8260 Preparation Method: EPA 5035 Pace Analytical Services - Ormond Beach								
4-Methyl-2-pentanone (MIBK)	**0.0050 U**	mg/kg	0.025	0.0050	1	12/22/21 10:55	12/22/21 18:12	108-10-1	
Acetone	**0.026 U**	mg/kg	0.050	0.026	1	12/22/21 10:55	12/22/21 18:12	67-64-1	J(v1)
Acetonitrile	**0.0044 U**	mg/kg	0.050	0.0044	1	12/22/21 10:55	12/22/21 18:12	75-05-8	
Benzene	**0.0010 U**	mg/kg	0.0050	0.0010	1	12/22/21 10:55	12/22/21 18:12	71-43-2	
Bromobenzene	**0.00090 U**	mg/kg	0.0050	0.00090	1	12/22/21 10:55	12/22/21 18:12	108-86-1	
Bromochloromethane	**0.00075 U**	mg/kg	0.0050	0.00075	1	12/22/21 10:55	12/22/21 18:12	74-97-5	
Bromodichloromethane	**0.0011 U**	mg/kg	0.0050	0.0011	1	12/22/21 10:55	12/22/21 18:12	75-27-4	
Bromoform	**0.0011 U**	mg/kg	0.0050	0.0011	1	12/22/21 10:55	12/22/21 18:12	75-25-2	
Bromomethane	**0.00067 U**	mg/kg	0.0050	0.00067	1	12/22/21 10:55	12/22/21 18:12	74-83-9	
Carbon disulfide	**0.0025 U**	mg/kg	0.0050	0.0025	1	12/22/21 10:55	12/22/21 18:12	75-15-0	J(v1)
Carbon tetrachloride	**0.0012 U**	mg/kg	0.0050	0.0012	1	12/22/21 10:55	12/22/21 18:12	56-23-5	
Chlorobenzene	**0.00094 U**	mg/kg	0.0050	0.00094	1	12/22/21 10:55	12/22/21 18:12	108-90-7	
Chloroethane	**0.00049 U**	mg/kg	0.0050	0.00049	1	12/22/21 10:55	12/22/21 18:12	75-00-3	
Chloroform	**0.00085 U**	mg/kg	0.0050	0.00085	1	12/22/21 10:55	12/22/21 18:12	67-66-3	
Chloromethane	**0.00090 U**	mg/kg	0.0050	0.00090	1	12/22/21 10:55	12/22/21 18:12	74-87-3	
Dibromochloromethane	**0.00088 U**	mg/kg	0.0050	0.00088	1	12/22/21 10:55	12/22/21 18:12	124-48-1	
Dibromomethane	**0.00072 U**	mg/kg	0.0050	0.00072	1	12/22/21 10:55	12/22/21 18:12	74-95-3	
Dichlorodifluoromethane	**0.00087 U**	mg/kg	0.0050	0.00087	1	12/22/21 10:55	12/22/21 18:12	75-71-8	J(v1)
Ethylbenzene	**0.0012 U**	mg/kg	0.0050	0.0012	1	12/22/21 10:55	12/22/21 18:12	100-41-4	
Iodomethane	**0.0011 U**	mg/kg	0.010	0.0011	1	12/22/21 10:55	12/22/21 18:12	74-88-4	
Isopropylbenzene (Cumene)	**0.0027 U**	mg/kg	0.0050	0.0027	1	12/22/21 10:55	12/22/21 18:12	98-82-8	
Methyl-tert-butyl ether	**0.0015 U**	mg/kg	0.0050	0.0015	1	12/22/21 10:55	12/22/21 18:12	1634-04-4	
Methylene Chloride	**0.0044 U**	mg/kg	0.0050	0.0044	1	12/22/21 10:55	12/22/21 18:12	75-09-2	
Styrene	**0.0025 U**	mg/kg	0.0050	0.0025	1	12/22/21 10:55	12/22/21 18:12	100-42-5	
Tetrachloroethene	**0.0012 U**	mg/kg	0.0050	0.0012	1	12/22/21 10:55	12/22/21 18:12	127-18-4	
Toluene	**0.00082 U**	mg/kg	0.0050	0.00082	1	12/22/21 10:55	12/22/21 18:12	108-88-3	
Trichloroethene	**0.0012 U**	mg/kg	0.0050	0.0012	1	12/22/21 10:55	12/22/21 18:12	79-01-6	
Trichlorofluoromethane	**0.00093 U**	mg/kg	0.0050	0.00093	1	12/22/21 10:55	12/22/21 18:12	75-69-4	
Vinyl acetate	**0.0016 U**	mg/kg	0.0050	0.0016	1	12/22/21 10:55	12/22/21 18:12	108-05-4	
Vinyl chloride	**0.00094 U**	mg/kg	0.0050	0.00094	1	12/22/21 10:55	12/22/21 18:12	75-01-4	
Xylene (Total)	**0.0052 U**	mg/kg	0.015	0.0052	1	12/22/21 10:55	12/22/21 18:12	1330-20-7	
cis-1,2-Dichloroethene	**0.0011 U**	mg/kg	0.0050	0.0011	1	12/22/21 10:55	12/22/21 18:12	156-59-2	
cis-1,3-Dichloropropene	**0.0010 U**	mg/kg	0.0050	0.0010	1	12/22/21 10:55	12/22/21 18:12	10061-01-5	
m&p-Xylene	**0.0052 U**	mg/kg	0.010	0.0052	1	12/22/21 10:55	12/22/21 18:12	179601-23-1	
n-Butylbenzene	**0.0026 U**	mg/kg	0.0050	0.0026	1	12/22/21 10:55	12/22/21 18:12	104-51-8	
n-Propylbenzene	**0.0012 U**	mg/kg	0.0050	0.0012	1	12/22/21 10:55	12/22/21 18:12	103-65-1	
o-Xylene	**0.0026 U**	mg/kg	0.0050	0.0026	1	12/22/21 10:55	12/22/21 18:12	95-47-6	
p-Isopropyltoluene	**0.0011 U**	mg/kg	0.0050	0.0011	1	12/22/21 10:55	12/22/21 18:12	99-87-6	
sec-Butylbenzene	**0.0024 U**	mg/kg	0.0050	0.0024	1	12/22/21 10:55	12/22/21 18:12	135-98-8	
tert-Butylbenzene	**0.0013 U**	mg/kg	0.0050	0.0013	1	12/22/21 10:55	12/22/21 18:12	98-06-6	
trans-1,2-Dichloroethene	**0.0013 U**	mg/kg	0.0050	0.0013	1	12/22/21 10:55	12/22/21 18:12	156-60-5	
trans-1,3-Dichloropropene	**0.0010 U**	mg/kg	0.0050	0.0010	1	12/22/21 10:55	12/22/21 18:12	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	93	%	68-125		1	12/22/21 10:55	12/22/21 18:12	460-00-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
3610 Park Central Blvd N
Pompano Beach, FL 33064
(954)582-4300

ANALYTICAL RESULTS

Project: 040-01-06/Demo B704 SP 1R-Revised Report
Pace Project No.: 35685623

Sample: Demo B704-SP-1R-C **Lab ID: 35685623003** Collected: 12/20/21 10:55 Received: 12/20/21 16:30 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035	Analytical Method: EPA 8260 Preparation Method: EPA 5035 Pace Analytical Services - Ormond Beach								
Surrogates									
Toluene-d8 (S)	108	%	70-130		1	12/22/21 10:55	12/22/21 18:12	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	107	%	70-130		1	12/22/21 10:55	12/22/21 18:12	2199-69-1	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Ormond Beach								
Percent Moisture	**20.5**	%	0.10	0.10	1		12/22/21 11:58		
9012 Cyanide, Total	Analytical Method: EPA 9012 Preparation Method: EPA 9012 Pace Analytical Services - Ormond Beach								
Cyanide	**0.18 U**	mg/kg	0.31	0.18	1	12/31/21 10:15	12/31/21 16:17	57-12-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
3610 Park Central Blvd N
Pompano Beach, FL 33064
(954)582-4300

QUALITY CONTROL DATA

Project: 040-01-06/Demo B704 SP 1R-Revised Report
Pace Project No.: 35685623

QC Batch: 787792
QC Batch Method: EPA 3050
Analysis Method: EPA 6010
Analysis Description: 6010 MET Solid
Laboratory: Pace Analytical Services - Ormond Beach
Associated Lab Samples: 35685623001, 35685623002, 35685623003

METHOD BLANK: 4321842 Matrix: Solid
Associated Lab Samples: 35685623001, 35685623002, 35685623003

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Arsenic	mg/kg	0.28 U	0.57	0.28	12/23/21 15:41	
Cadmium	mg/kg	0.028 U	0.057	0.028	12/23/21 15:41	
Chromium	mg/kg	0.14 U	0.28	0.14	12/23/21 15:41	
Lead	mg/kg	0.28 U	0.57	0.28	12/23/21 15:41	
Nickel	mg/kg	0.14 U	0.28	0.14	12/23/21 15:41	

LABORATORY CONTROL SAMPLE: 4321843

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/kg	10.5	9.4	89	80-120	
Cadmium	mg/kg	1	1.0	96	80-120	
Chromium	mg/kg	10.5	10.5	100	80-120	
Lead	mg/kg	10.5	10.2	97	80-120	
Nickel	mg/kg	10.5	10.3	98	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4321844 4321845

Parameter	Units	35685378001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Arsenic	mg/kg	0.26 U	12	10.4	11.0	9.3	90	88	75-125	17	20	
Cadmium	mg/kg	0.026 U	1.3	1	1.2	1.0	98	96	75-125	16	20	
Chromium	mg/kg	2.5	12	10.4	17.8	13.5	127	106	75-125	27	20	J(M1), J(R1)
Lead	mg/kg	1.3	12	10.4	13.3	11.4	99	97	75-125	15	20	
Nickel	mg/kg	0.52	12	10.4	13.2	11.0	105	101	75-125	18	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
3610 Park Central Blvd N
Pompano Beach, FL 33064
(954)582-4300

QUALITY CONTROL DATA

Project: 040-01-06/Demo B704 SP 1R-Revised Report
Pace Project No.: 35685623

QC Batch: 795646
QC Batch Method: EPA 3010
Analysis Method: EPA 6010
Analysis Description: 6010 MET TCLP
Laboratory: Pace Analytical Services - Ormond Beach
Associated Lab Samples: 35685623001, 35685623002, 35685623003

METHOD BLANK: 4366188 Matrix: Water
Associated Lab Samples: 35685623001, 35685623002, 35685623003

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Cadmium	mg/L	0.00033 U	0.0010	0.00033	01/28/22 08:31	

LABORATORY CONTROL SAMPLE: 4367876

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Cadmium	mg/L	0.025	0.026	104	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4367877 4367878

Parameter	Units	35685623003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Cadmium	mg/L	0.52	0.25	0.25	0.76	0.79	95	105	75-125	3	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
3610 Park Central Blvd N
Pompano Beach, FL 33064
(954)582-4300

QUALITY CONTROL DATA

Project: 040-01-06/Demo B704 SP 1R-Revised Report
Pace Project No.: 35685623

QC Batch: 787551
QC Batch Method: EPA 5035
Analysis Method: EPA 8260
Analysis Description: 8260 MSV 5035
Laboratory: Pace Analytical Services - Ormond Beach
Associated Lab Samples: 35685623001, 35685623002, 35685623003

METHOD BLANK: 4320314 Matrix: Solid
Associated Lab Samples: 35685623001, 35685623002, 35685623003

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	mg/kg	0.00099 U	0.0049	0.00099	12/22/21 11:22	
1,1,1-Trichloroethane	mg/kg	0.0013 U	0.0049	0.0013	12/22/21 11:22	
1,1,2,2-Tetrachloroethane	mg/kg	0.00060 U	0.0049	0.00060	12/22/21 11:22	
1,1,2-Trichloroethane	mg/kg	0.00058 U	0.0049	0.00058	12/22/21 11:22	
1,1-Dichloroethane	mg/kg	0.00097 U	0.0049	0.00097	12/22/21 11:22	
1,1-Dichloroethene	mg/kg	0.0025 U	0.0049	0.0025	12/22/21 11:22	J(v1)
1,1-Dichloropropene	mg/kg	0.0025 U	0.0049	0.0025	12/22/21 11:22	
1,2,3-Trichlorobenzene	mg/kg	0.0025 U	0.0049	0.0025	12/22/21 11:22	
1,2,3-Trichloropropane	mg/kg	0.00075 U	0.0049	0.00075	12/22/21 11:22	
1,2,3-Trimethylbenzene	mg/kg	0.00099 U	0.0049	0.00099	12/22/21 11:22	
1,2,4-Trichlorobenzene	mg/kg	0.0025 U	0.0049	0.0025	12/22/21 11:22	
1,2,4-Trimethylbenzene	mg/kg	0.0028 U	0.0049	0.0028	12/22/21 11:22	
1,2-Dichlorobenzene	mg/kg	0.00075 U	0.0049	0.00075	12/22/21 11:22	
1,2-Dichloroethane	mg/kg	0.00076 U	0.0049	0.00076	12/22/21 11:22	
1,2-Dichloropropane	mg/kg	0.00091 U	0.0049	0.00091	12/22/21 11:22	
1,3,5-Trimethylbenzene	mg/kg	0.0013 U	0.0049	0.0013	12/22/21 11:22	
1,3-Dichlorobenzene	mg/kg	0.00090 U	0.0049	0.00090	12/22/21 11:22	
1,3-Dichloropropane	mg/kg	0.00084 U	0.0049	0.00084	12/22/21 11:22	
1,4-Dichlorobenzene	mg/kg	0.00066 U	0.0049	0.00066	12/22/21 11:22	
2,2-Dichloropropane	mg/kg	0.0013 U	0.0049	0.0013	12/22/21 11:22	
2-Butanone (MEK)	mg/kg	0.0049 U	0.049	0.0049	12/22/21 11:22	
2-Chloroethylvinyl ether	mg/kg	0.0099 U	0.020	0.0099	12/22/21 11:22	
2-Chlorotoluene	mg/kg	0.0025 U	0.0049	0.0025	12/22/21 11:22	
2-Hexanone	mg/kg	0.0049 U	0.025	0.0049	12/22/21 11:22	
4-Chlorotoluene	mg/kg	0.0012 U	0.0049	0.0012	12/22/21 11:22	
4-Methyl-2-pentanone (MIBK)	mg/kg	0.0049 U	0.025	0.0049	12/22/21 11:22	
Acetone	mg/kg	0.026 U	0.049	0.026	12/22/21 11:22	J(v1)
Acetonitrile	mg/kg	0.0043 U	0.049	0.0043	12/22/21 11:22	
Benzene	mg/kg	0.00099 U	0.0049	0.00099	12/22/21 11:22	
Bromobenzene	mg/kg	0.00088 U	0.0049	0.00088	12/22/21 11:22	
Bromochloromethane	mg/kg	0.00073 U	0.0049	0.00073	12/22/21 11:22	
Bromodichloromethane	mg/kg	0.0011 U	0.0049	0.0011	12/22/21 11:22	
Bromoform	mg/kg	0.0011 U	0.0049	0.0011	12/22/21 11:22	
Bromomethane	mg/kg	0.00065 U	0.0049	0.00065	12/22/21 11:22	
Carbon disulfide	mg/kg	0.0025 U	0.0049	0.0025	12/22/21 11:22	J(v1)
Carbon tetrachloride	mg/kg	0.0012 U	0.0049	0.0012	12/22/21 11:22	
Chlorobenzene	mg/kg	0.00092 U	0.0049	0.00092	12/22/21 11:22	
Chloroethane	mg/kg	0.00048 U	0.0049	0.00048	12/22/21 11:22	
Chloroform	mg/kg	0.00083 U	0.0049	0.00083	12/22/21 11:22	
Chloromethane	mg/kg	0.00088 U	0.0049	0.00088	12/22/21 11:22	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
3610 Park Central Blvd N
Pompano Beach, FL 33064
(954)582-4300

QUALITY CONTROL DATA

Project: 040-01-06/Demo B704 SP 1R-Revised Report
Pace Project No.: 35685623

METHOD BLANK: 4320314 Matrix: Solid
Associated Lab Samples: 35685623001, 35685623002, 35685623003

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
cis-1,2-Dichloroethene	mg/kg	0.0011 U	0.0049	0.0011	12/22/21 11:22	
cis-1,3-Dichloropropene	mg/kg	0.00099 U	0.0049	0.00099	12/22/21 11:22	
Dibromochloromethane	mg/kg	0.00086 U	0.0049	0.00086	12/22/21 11:22	
Dibromomethane	mg/kg	0.00070 U	0.0049	0.00070	12/22/21 11:22	
Dichlorodifluoromethane	mg/kg	0.00085 U	0.0049	0.00085	12/22/21 11:22	J(v1)
Ethylbenzene	mg/kg	0.0012 U	0.0049	0.0012	12/22/21 11:22	
Iodomethane	mg/kg	0.0011 U	0.0099	0.0011	12/22/21 11:22	
Isopropylbenzene (Cumene)	mg/kg	0.0027 U	0.0049	0.0027	12/22/21 11:22	
m&p-Xylene	mg/kg	0.0051 U	0.0099	0.0051	12/22/21 11:22	
Methyl-tert-butyl ether	mg/kg	0.0015 U	0.0049	0.0015	12/22/21 11:22	
Methylene Chloride	mg/kg	0.0043 U	0.0049	0.0043	12/22/21 11:22	
n-Butylbenzene	mg/kg	0.0026 U	0.0049	0.0026	12/22/21 11:22	
n-Propylbenzene	mg/kg	0.0012 U	0.0049	0.0012	12/22/21 11:22	
o-Xylene	mg/kg	0.0025 U	0.0049	0.0025	12/22/21 11:22	
p-Isopropyltoluene	mg/kg	0.0011 U	0.0049	0.0011	12/22/21 11:22	
sec-Butylbenzene	mg/kg	0.0024 U	0.0049	0.0024	12/22/21 11:22	
Styrene	mg/kg	0.0025 U	0.0049	0.0025	12/22/21 11:22	
tert-Butylbenzene	mg/kg	0.0013 U	0.0049	0.0013	12/22/21 11:22	
Tetrachloroethene	mg/kg	0.0012 U	0.0049	0.0012	12/22/21 11:22	
Toluene	mg/kg	0.00080 U	0.0049	0.00080	12/22/21 11:22	
trans-1,2-Dichloroethene	mg/kg	0.0013 U	0.0049	0.0013	12/22/21 11:22	
trans-1,3-Dichloropropene	mg/kg	0.00098 U	0.0049	0.00098	12/22/21 11:22	
Trichloroethene	mg/kg	0.0012 U	0.0049	0.0012	12/22/21 11:22	
Trichlorofluoromethane	mg/kg	0.00091 U	0.0049	0.00091	12/22/21 11:22	
Vinyl acetate	mg/kg	0.0016 U	0.0049	0.0016	12/22/21 11:22	
Vinyl chloride	mg/kg	0.00092 U	0.0049	0.00092	12/22/21 11:22	
Xylene (Total)	mg/kg	0.0051 U	0.015	0.0051	12/22/21 11:22	
1,2-Dichlorobenzene-d4 (S)	%	106	70-130		12/22/21 11:22	
4-Bromofluorobenzene (S)	%	92	68-125		12/22/21 11:22	
Toluene-d8 (S)	%	108	70-130		12/22/21 11:22	

LABORATORY CONTROL SAMPLE: 4320315

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	mg/kg	0.02	0.018	91	70-130	
1,1,1-Trichloroethane	mg/kg	0.02	0.021	109	70-130	
1,1,2,2-Tetrachloroethane	mg/kg	0.02	0.019	98	70-130	
1,1,2-Trichloroethane	mg/kg	0.02	0.019	98	70-130	
1,1-Dichloroethane	mg/kg	0.02	0.022	111	70-130	
1,1-Dichloroethene	mg/kg	0.02	0.026	130	62-131	J(v1)
1,1-Dichloropropene	mg/kg	0.02	0.022	113	70-130	
1,2,3-Trichlorobenzene	mg/kg	0.02	0.017	87	70-130	
1,2,3-Trichloropropane	mg/kg	0.02	0.019	96	72-137	
1,2,3-Trimethylbenzene	mg/kg	0.02	0.019	96	70-130	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
3610 Park Central Blvd N
Pompano Beach, FL 33064
(954)582-4300

QUALITY CONTROL DATA

Project: 040-01-06/Demo B704 SP 1R-Revised Report
Pace Project No.: 35685623

LABORATORY CONTROL SAMPLE: 4320315

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trichlorobenzene	mg/kg	0.02	0.017	87	70-130	
1,2,4-Trimethylbenzene	mg/kg	0.02	0.018	93	70-130	
1,2-Dichlorobenzene	mg/kg	0.02	0.019	97	70-130	
1,2-Dichloroethane	mg/kg	0.02	0.022	112	70-130	
1,2-Dichloropropane	mg/kg	0.02	0.021	105	70-130	
1,3,5-Trimethylbenzene	mg/kg	0.02	0.019	96	70-130	
1,3-Dichlorobenzene	mg/kg	0.02	0.019	98	70-130	
1,3-Dichloropropane	mg/kg	0.02	0.019	95	70-130	
1,4-Dichlorobenzene	mg/kg	0.02	0.019	94	70-130	
2,2-Dichloropropane	mg/kg	0.02	0.022	113	70-130	
2-Butanone (MEK)	mg/kg	0.099	0.088	89	64-121	
2-Chloroethylvinyl ether	mg/kg	0.099	0.089	90	20-150	
2-Chlorotoluene	mg/kg	0.02	0.019	94	70-130	
2-Hexanone	mg/kg	0.099	0.081	82	59-137	
4-Chlorotoluene	mg/kg	0.02	0.019	97	70-130	
4-Methyl-2-pentanone (MIBK)	mg/kg	0.099	0.084	85	70-130	
Acetone	mg/kg	0.099	0.12	122	68-146	J(v1)
Acetonitrile	mg/kg	0.099	0.10	102	68-131	
Benzene	mg/kg	0.02	0.021	107	70-130	
Bromobenzene	mg/kg	0.02	0.018	92	70-130	
Bromochloromethane	mg/kg	0.02	0.021	105	70-130	
Bromodichloromethane	mg/kg	0.02	0.021	109	70-130	
Bromoform	mg/kg	0.02	0.018	92	54-129	
Bromomethane	mg/kg	0.02	0.023	119	58-144	
Carbon disulfide	mg/kg	0.02	0.026	129	57-133	J(v1)
Carbon tetrachloride	mg/kg	0.02	0.023	115	63-137	
Chlorobenzene	mg/kg	0.02	0.019	96	70-130	
Chloroethane	mg/kg	0.02	0.022	110	40-165	
Chloroform	mg/kg	0.02	0.022	109	70-130	
Chloromethane	mg/kg	0.02	0.023	115	64-127	
cis-1,2-Dichloroethene	mg/kg	0.02	0.022	111	70-130	
cis-1,3-Dichloropropene	mg/kg	0.02	0.021	104	70-130	
Dibromochloromethane	mg/kg	0.02	0.019	98	70-130	
Dibromomethane	mg/kg	0.02	0.020	101	70-130	
Dichlorodifluoromethane	mg/kg	0.02	0.026	133	51-143	J(v1)
Ethylbenzene	mg/kg	0.02	0.019	96	70-130	
Iodomethane	mg/kg	0.02	0.023	117	58-137	
Isopropylbenzene (Cumene)	mg/kg	0.02	0.018	93	70-130	
m&p-Xylene	mg/kg	0.04	0.037	94	70-130	
Methyl-tert-butyl ether	mg/kg	0.02	0.019	95	65-124	
Methylene Chloride	mg/kg	0.02	0.022	113	51-142	
n-Butylbenzene	mg/kg	0.02	0.019	95	70-130	
n-Propylbenzene	mg/kg	0.02	0.019	96	70-130	
o-Xylene	mg/kg	0.02	0.018	92	70-130	
p-Isopropyltoluene	mg/kg	0.02	0.019	96	70-130	
sec-Butylbenzene	mg/kg	0.02	0.018	93	70-130	
Styrene	mg/kg	0.02	0.018	91	70-130	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
3610 Park Central Blvd N
Pompano Beach, FL 33064
(954)582-4300

QUALITY CONTROL DATA

Project: 040-01-06/Demo B704 SP 1R-Revised Report
Pace Project No.: 35685623

LABORATORY CONTROL SAMPLE: 4320315

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
tert-Butylbenzene	mg/kg	0.02	0.018	92	70-130	
Tetrachloroethene	mg/kg	0.02	0.020	100	70-130	
Toluene	mg/kg	0.02	0.019	97	70-130	
trans-1,2-Dichloroethene	mg/kg	0.02	0.023	114	70-130	
trans-1,3-Dichloropropene	mg/kg	0.02	0.019	95	70-130	
Trichloroethene	mg/kg	0.02	0.022	110	70-130	
Trichlorofluoromethane	mg/kg	0.02	0.022	112	60-148	
Vinyl acetate	mg/kg	0.02	0.019	96	70-130	
Vinyl chloride	mg/kg	0.02	0.021	108	69-124	
Xylene (Total)	mg/kg	0.059	0.055	93	70-130	
1,2-Dichlorobenzene-d4 (S)	%			102	70-130	
4-Bromofluorobenzene (S)	%			95	68-125	
Toluene-d8 (S)	%			102	70-130	

MATRIX SPIKE SAMPLE: 4320317

Parameter	Units	35685571002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	mg/kg	0.0010 U	0.021	0.022	107	70-130	
1,1,1-Trichloroethane	mg/kg	0.0013 U	0.021	0.030	146	70-130	J(M1)
1,1,2,2-Tetrachloroethane	mg/kg	0.00063 U	0.021	0.021	103	70-130	
1,1,2-Trichloroethane	mg/kg	0.00061 U	0.021	0.024	119	70-130	
1,1-Dichloroethane	mg/kg	0.0010 U	0.021	0.031	153	70-130	J(M1)
1,1-Dichloroethene	mg/kg	0.0026 U	0.021	0.036	174	62-131	J(M1),J(v1)
1,1-Dichloropropene	mg/kg	0.0026 U	0.021	0.029	140	70-130	J(M1)
1,2,3-Trichlorobenzene	mg/kg	0.0026 U	0.021	0.011	54	70-130	J(M1)
1,2,3-Trichloropropane	mg/kg	0.00078 U	0.021	0.022	106	72-137	
1,2,3-Trimethylbenzene	mg/kg	0.0010 U	0.021	0.015	72	70-130	
1,2,4-Trichlorobenzene	mg/kg	0.0026 U	0.021	0.011	53	70-130	J(M1)
1,2,4-Trimethylbenzene	mg/kg	0.0029 U	0.021	0.014	67	70-130	J(M1)
1,2-Dichlorobenzene	mg/kg	0.00078 U	0.021	0.015	73	70-130	
1,2-Dichloroethane	mg/kg	0.00079 U	0.021	0.028	136	70-130	J(M1)
1,2-Dichloropropane	mg/kg	0.00095 U	0.021	0.027	129	70-130	
1,3,5-Trimethylbenzene	mg/kg	0.0013 U	0.021	0.015	71	70-130	
1,3-Dichlorobenzene	mg/kg	0.00094 U	0.021	0.015	71	70-130	
1,3-Dichloropropane	mg/kg	0.00087 U	0.021	0.024	116	70-130	
1,4-Dichlorobenzene	mg/kg	0.00069 U	0.021	0.014	70	70-130	
2,2-Dichloropropane	mg/kg	0.0013 U	0.021	0.032	158	70-130	J(M1)
2-Butanone (MEK)	mg/kg	0.0051 U	0.1	0.093	90	64-121	
2-Chloroethylvinyl ether	mg/kg	0.010 U	0.1	0.10	101	20-150	
2-Chlorotoluene	mg/kg	0.0026 U	0.021	0.015	72	70-130	
2-Hexanone	mg/kg	0.0051 U	0.1	0.086	84	59-137	
4-Chlorotoluene	mg/kg	0.0012 U	0.021	0.015	71	70-130	
4-Methyl-2-pentanone (MIBK)	mg/kg	0.0051 U	0.1	0.091	88	70-130	
Acetone	mg/kg	0.027 U	0.1	0.12	121	68-146	J(v1)
Acetonitrile	mg/kg	0.0045 U	0.1	0.11	106	68-131	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
3610 Park Central Blvd N
Pompano Beach, FL 33064
(954)582-4300

QUALITY CONTROL DATA

Project: 040-01-06/Demo B704 SP 1R-Revised Report
Pace Project No.: 35685623

MATRIX SPIKE SAMPLE: 4320317

Parameter	Units	35685571002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Benzene	mg/kg	0.0010 U	0.021	0.028	135	70-130	J(M1)
Bromobenzene	mg/kg	0.00092 U	0.021	0.017	81	70-130	
Bromochloromethane	mg/kg	0.00076 U	0.021	0.027	129	70-130	
Bromodichloromethane	mg/kg	0.0011 U	0.021	0.027	131	70-130	J(M1)
Bromoform	mg/kg	0.0011 U	0.021	0.022	108	54-129	
Bromomethane	mg/kg	0.00068 U	0.021	0.031	152	58-144	J(M1)
Carbon disulfide	mg/kg	0.0026 U	0.021	0.034	168	57-133	J(M1),J(v1)
Carbon tetrachloride	mg/kg	0.0012 U	0.021	0.033	159	63-137	J(M1)
Chlorobenzene	mg/kg	0.00096 U	0.021	0.020	95	70-130	
Chloroethane	mg/kg	0.00050 U	0.021	0.034	165	40-165	
Chloroform	mg/kg	0.00086 U	0.021	0.027	132	70-130	J(M1)
Chloromethane	mg/kg	0.00092 U	0.021	0.031	152	64-127	J(M1)
cis-1,2-Dichloroethene	mg/kg	0.0011 U	0.021	0.027	133	70-130	J(M1)
cis-1,3-Dichloropropene	mg/kg	0.0010 U	0.021	0.025	122	70-130	
Dibromochloromethane	mg/kg	0.00090 U	0.021	0.024	117	70-130	
Dibromomethane	mg/kg	0.00073 U	0.021	0.025	120	70-130	
Dichlorodifluoromethane	mg/kg	0.00089 U	0.021	0.042	204	51-143	J(M1),J(v1)
Ethylbenzene	mg/kg	0.0012 U	0.021	0.019	92	70-130	
Iodomethane	mg/kg	0.0011 U	0.021	0.030	147	58-137	J(M1)
Isopropylbenzene (Cumene)	mg/kg	0.0028 U	0.021	0.016	79	70-130	
m&p-Xylene	mg/kg	0.0053 U	0.041	0.036	88	70-130	
Methyl-tert-butyl ether	mg/kg	0.0015 U	0.021	0.024	115	65-124	
Methylene Chloride	mg/kg	0.0045 U	0.021	0.028	137	51-142	
n-Butylbenzene	mg/kg	0.0027 U	0.021	0.011	54	70-130	J(M1)
n-Propylbenzene	mg/kg	0.0012 U	0.021	0.015	71	70-130	
o-Xylene	mg/kg	0.0027 U	0.021	0.017	84	70-130	
p-Isopropyltoluene	mg/kg	0.0011 U	0.021	0.012	58	70-130	J(M1)
sec-Butylbenzene	mg/kg	0.0025 U	0.021	0.013	65	70-130	J(M1)
Styrene	mg/kg	0.0026 U	0.021	0.017	85	70-130	
tert-Butylbenzene	mg/kg	0.0013 U	0.021	0.014	68	70-130	J(M1)
Tetrachloroethene	mg/kg	0.0012 U	0.021	0.023	112	70-130	
Toluene	mg/kg	0.0021 I	0.021	0.025	112	70-130	
trans-1,2-Dichloroethene	mg/kg	0.0013 U	0.021	0.029	140	70-130	J(M1)
trans-1,3-Dichloropropene	mg/kg	0.0010 U	0.021	0.022	110	70-130	
Trichloroethene	mg/kg	0.0012 U	0.021	0.027	134	70-130	J(M1)
Trichlorofluoromethane	mg/kg	0.00095 U	0.021	0.037	180	60-148	J(M1)
Vinyl acetate	mg/kg	0.0016 U	0.021	0.0099	48	70-130	J(M1)
Vinyl chloride	mg/kg	0.00096 U	0.021	0.030	148	69-124	J(M1)
Xylene (Total)	mg/kg	0.0053 U	0.062	0.053	87	70-130	
1,2-Dichlorobenzene-d4 (S)	%				101	70-130	
4-Bromofluorobenzene (S)	%				98	68-125	
Toluene-d8 (S)	%				102	70-130	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
3610 Park Central Blvd N
Pompano Beach, FL 33064
(954)582-4300

QUALITY CONTROL DATA

Project: 040-01-06/Demo B704 SP 1R-Revised Report
Pace Project No.: 35685623

SAMPLE DUPLICATE: 4320316

Parameter	Units	35685571001 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1,2-Tetrachloroethane	mg/kg	0.00079 U	0.0010 U		40	
1,1,1-Trichloroethane	mg/kg	0.0010 U	0.0013 U		40	
1,1,2,2-Tetrachloroethane	mg/kg	0.00048 U	0.00062 U		40	
1,1,2-Trichloroethane	mg/kg	0.00047 U	0.00060 U		40	
1,1-Dichloroethane	mg/kg	0.00078 U	0.00099 U		40	
1,1-Dichloroethene	mg/kg	0.0020 U	0.0025 U		40	J(v1)
1,1-Dichloropropene	mg/kg	0.0020 U	0.0026 U		40	
1,2,3-Trichlorobenzene	mg/kg	0.0020 U	0.0025 U		40	
1,2,3-Trichloropropane	mg/kg	0.00060 U	0.00077 U		40	
1,2,3-Trimethylbenzene	mg/kg	0.00079 U	0.0010 U		40	
1,2,4-Trichlorobenzene	mg/kg	0.0020 U	0.0025 U		40	
1,2,4-Trimethylbenzene	mg/kg	0.0022 U	0.0028 U		40	
1,2-Dichlorobenzene	mg/kg	0.00060 U	0.00077 U		40	
1,2-Dichloroethane	mg/kg	0.00061 U	0.00078 U		40	
1,2-Dichloropropane	mg/kg	0.00073 U	0.00093 U		40	
1,3,5-Trimethylbenzene	mg/kg	0.0010 U	0.0013 U		40	
1,3-Dichlorobenzene	mg/kg	0.00072 U	0.00092 U		40	
1,3-Dichloropropane	mg/kg	0.00067 U	0.00086 U		40	
1,4-Dichlorobenzene	mg/kg	0.00053 U	0.00068 U		40	
2,2-Dichloropropane	mg/kg	0.0010 U	0.0013 U		40	
2-Butanone (MEK)	mg/kg	0.0040 U	0.0050 U		40	
2-Chloroethylvinyl ether	mg/kg	0.0079 U	0.010 U		40	
2-Chlorotoluene	mg/kg	0.0020 U	0.0025 U		40	
2-Hexanone	mg/kg	0.0040 U	0.0050 U		40	
4-Chlorotoluene	mg/kg	0.00095 U	0.0012 U		40	
4-Methyl-2-pentanone (MIBK)	mg/kg	0.0040 U	0.0050 U		40	
Acetone	mg/kg	0.021 U	0.026 U		40	J(v1)
Acetonitrile	mg/kg	0.0035 U	0.0044 U		40	
Benzene	mg/kg	0.00079 U	0.0010 U		40	
Bromobenzene	mg/kg	0.00070 U	0.00090 U		40	
Bromochloromethane	mg/kg	0.00059 U	0.00075 U		40	
Bromodichloromethane	mg/kg	0.00087 U	0.0011 U		40	
Bromoform	mg/kg	0.00087 U	0.0011 U		40	
Bromomethane	mg/kg	0.00052 U	0.00067 U		40	
Carbon disulfide	mg/kg	0.0020 U	0.0025 U		40	J(v1)
Carbon tetrachloride	mg/kg	0.00095 U	0.0012 U		40	
Chlorobenzene	mg/kg	0.00074 U	0.00094 U		40	
Chloroethane	mg/kg	0.00039 U	0.00049 U		40	
Chloroform	mg/kg	0.00066 U	0.00085 U		40	
Chloromethane	mg/kg	0.00070 U	0.00090 U		40	
cis-1,2-Dichloroethene	mg/kg	0.00087 U	0.0011 U		40	
cis-1,3-Dichloropropene	mg/kg	0.00079 U	0.0010 U		40	
Dibromochloromethane	mg/kg	0.00069 U	0.00088 U		40	
Dibromomethane	mg/kg	0.00056 U	0.00072 U		40	
Dichlorodifluoromethane	mg/kg	0.00068 U	0.00087 U		40	J(v1)
Ethylbenzene	mg/kg	0.00095 U	0.0012 U		40	
Iodomethane	mg/kg	0.00087 U	0.0011 U		40	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
3610 Park Central Blvd N
Pompano Beach, FL 33064
(954)582-4300

QUALITY CONTROL DATA

Project: 040-01-06/Demo B704 SP 1R-Revised Report
Pace Project No.: 35685623

SAMPLE DUPLICATE: 4320316

Parameter	Units	35685571001 Result	Dup Result	RPD	Max RPD	Qualifiers
Isopropylbenzene (Cumene)	mg/kg	0.0021 U	0.0027 U		40	
m&p-Xylene	mg/kg	0.0041 U	0.0052 U		40	
Methyl-tert-butyl ether	mg/kg	0.0012 U	0.0015 U		40	
Methylene Chloride	mg/kg	0.0035 U	0.0044 U		40	
n-Butylbenzene	mg/kg	0.0021 U	0.0026 U		40	
n-Propylbenzene	mg/kg	0.00095 U	0.0012 U		40	
o-Xylene	mg/kg	0.0020 U	0.0026 U		40	
p-Isopropyltoluene	mg/kg	0.00087 U	0.0011 U		40	
sec-Butylbenzene	mg/kg	0.0019 U	0.0024 U		40	
Styrene	mg/kg	0.0020 U	0.0025 U		40	
tert-Butylbenzene	mg/kg	0.0010 U	0.0013 U		40	
Tetrachloroethene	mg/kg	0.00095 U	0.0012 U		40	
Toluene	mg/kg	0.0012 I	0.0020 I		40	
trans-1,2-Dichloroethene	mg/kg	0.0010 U	0.0013 U		40	
trans-1,3-Dichloropropene	mg/kg	0.00078 U	0.0010 U		40	
Trichloroethene	mg/kg	0.00095 U	0.0012 U		40	
Trichlorofluoromethane	mg/kg	0.00073 U	0.00093 U		40	
Vinyl acetate	mg/kg	0.0013 U	0.0016 U		40	
Vinyl chloride	mg/kg	0.00074 U	0.00094 U		40	
Xylene (Total)	mg/kg	0.0041 U	0.0052 U		40	
1,2-Dichlorobenzene-d4 (S)	%	106	107		40	
4-Bromofluorobenzene (S)	%	92	94		40	
Toluene-d8 (S)	%	110	109		40	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
3610 Park Central Blvd N
Pompano Beach, FL 33064
(954)582-4300

QUALITY CONTROL DATA

Project: 040-01-06/Demo B704 SP 1R-Revised Report
Pace Project No.: 35685623

QC Batch: 788413
QC Batch Method: EPA 3546
Analysis Method: EPA 8270
Analysis Description: 8270 Solid Full List MSSV Microwave
Laboratory: Pace Analytical Services - Ormond Beach
Associated Lab Samples: 35685623001, 35685623002, 35685623003

METHOD BLANK: 4325050 Matrix: Solid
Associated Lab Samples: 35685623001, 35685623002, 35685623003

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1-Methylnaphthalene	mg/kg	0.0055 U	0.040	0.0055	12/29/21 12:13	
2,3,4,6-Tetrachlorophenol	mg/kg	0.040 U	0.34	0.040	12/29/21 12:13	
2,4,5-Trichlorophenol	mg/kg	0.0066 U	0.17	0.0066	12/29/21 12:13	
2,4,6-Trichlorophenol	mg/kg	0.0091 U	0.17	0.0091	12/29/21 12:13	
2,4-Dichlorophenol	mg/kg	0.0074 U	0.17	0.0074	12/29/21 12:13	
2,4-Dimethylphenol	mg/kg	0.030 U	0.17	0.030	12/29/21 12:13	
2,4-Dinitrophenol	mg/kg	0.099 U	0.66	0.099	12/29/21 12:13	
2,6-Dichlorophenol	mg/kg	0.029 U	0.17	0.029	12/29/21 12:13	N2
2-Methylnaphthalene	mg/kg	0.0052 U	0.039	0.0052	12/29/21 12:13	
2-Methylphenol(o-Cresol)	mg/kg	0.0080 U	0.17	0.0080	12/29/21 12:13	
2-Nitrophenol	mg/kg	0.053 U	0.17	0.053	12/29/21 12:13	
3&4-Methylphenol(m&p Cresol)	mg/kg	0.0076 U	0.17	0.0076	12/29/21 12:13	
4,6-Dinitro-2-methylphenol	mg/kg	0.11 U	0.66	0.11	12/29/21 12:13	
4-Chloro-3-methylphenol	mg/kg	0.099 U	0.66	0.099	12/29/21 12:13	
4-Nitrophenol	mg/kg	0.072 U	0.22	0.072	12/29/21 12:13	
Acenaphthene	mg/kg	0.016 U	0.036	0.016	12/29/21 12:13	
Acenaphthylene	mg/kg	0.0052 U	0.034	0.0052	12/29/21 12:13	
Anthracene	mg/kg	0.0046 U	0.036	0.0046	12/29/21 12:13	
Benzo(a)anthracene	mg/kg	0.0045 U	0.034	0.0045	12/29/21 12:13	
Benzo(a)pyrene	mg/kg	0.0083 U	0.034	0.0083	12/29/21 12:13	
Benzo(b)fluoranthene	mg/kg	0.0089 U	0.034	0.0089	12/29/21 12:13	
Benzo(g,h,i)perylene	mg/kg	0.0084 U	0.034	0.0084	12/29/21 12:13	
Benzo(k)fluoranthene	mg/kg	0.0089 U	0.034	0.0089	12/29/21 12:13	
Chrysene	mg/kg	0.0045 U	0.034	0.0045	12/29/21 12:13	
Dibenz(a,h)anthracene	mg/kg	0.0077 U	0.034	0.0077	12/29/21 12:13	
Fluoranthene	mg/kg	0.011 U	0.034	0.011	12/29/21 12:13	
Fluorene	mg/kg	0.012 U	0.037	0.012	12/29/21 12:13	
Indeno(1,2,3-cd)pyrene	mg/kg	0.0076 U	0.034	0.0076	12/29/21 12:13	
Naphthalene	mg/kg	0.012 U	0.035	0.012	12/29/21 12:13	
Pentachlorophenol	mg/kg	0.086 U	0.66	0.086	12/29/21 12:13	
Phenanthrene	mg/kg	0.0048 U	0.034	0.0048	12/29/21 12:13	
Phenol	mg/kg	0.032 U	0.17	0.032	12/29/21 12:13	
Pyrene	mg/kg	0.0045 U	0.034	0.0045	12/29/21 12:13	
2,4,6-Tribromophenol (S)	%	77	23-110		12/29/21 12:13	
2-Fluorobiphenyl (S)	%	67	29-101		12/29/21 12:13	
2-Fluorophenol (S)	%	67	19-95		12/29/21 12:13	
Nitrobenzene-d5 (S)	%	70	24-98		12/29/21 12:13	
p-Terphenyl-d14 (S)	%	94	29-112		12/29/21 12:13	
Phenol-d6 (S)	%	73	10-104		12/29/21 12:13	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
3610 Park Central Blvd N
Pompano Beach, FL 33064
(954)582-4300

QUALITY CONTROL DATA

Project: 040-01-06/Demo B704 SP 1R-Revised Report
Pace Project No.: 35685623

LABORATORY CONTROL SAMPLE: 4325051

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	mg/kg	1.6	1.1	67	38-115	
2,3,4,6-Tetrachlorophenol	mg/kg	1.6	1.2	74	59-117	
2,4,5-Trichlorophenol	mg/kg	1.6	1.2	71	51-99	
2,4,6-Trichlorophenol	mg/kg	1.6	1.1	69	51-98	
2,4-Dichlorophenol	mg/kg	1.6	1.1	69	50-96	
2,4-Dimethylphenol	mg/kg	1.6	1.1	67	49-96	
2,4-Dinitrophenol	mg/kg	1.6	0.78	47	10-126	
2,6-Dichlorophenol	mg/kg	1.6	1.0	63	43-98	N2
2-Methylnaphthalene	mg/kg	1.6	1.2	70	37-115	
2-Methylphenol(o-Cresol)	mg/kg	1.6	1.1	67	49-93	
2-Nitrophenol	mg/kg	1.6	1.1	68	51-100	
3&4-Methylphenol(m&p Cresol)	mg/kg	1.6	1.1	67	49-94	
4,6-Dinitro-2-methylphenol	mg/kg	1.6	1.1	69	32-123	
4-Chloro-3-methylphenol	mg/kg	1.6	1.2	70	51-99	
4-Nitrophenol	mg/kg	1.6	1.3	78	50-115	
Acenaphthene	mg/kg	1.6	1.1	66	30-127	
Acenaphthylene	mg/kg	1.6	1.1	69	29-129	
Anthracene	mg/kg	1.6	1.3	77	37-126	
Benzo(a)anthracene	mg/kg	1.6	1.3	80	37-130	
Benzo(a)pyrene	mg/kg	1.6	1.5	92	39-128	
Benzo(b)fluoranthene	mg/kg	1.6	1.3	82	38-128	
Benzo(g,h,i)perylene	mg/kg	1.6	1.4	85	34-136	
Benzo(k)fluoranthene	mg/kg	1.6	1.4	85	39-133	
Chrysene	mg/kg	1.6	1.4	82	39-125	
Dibenz(a,h)anthracene	mg/kg	1.6	1.4	83	37-127	
Fluoranthene	mg/kg	1.6	1.3	78	39-130	
Fluorene	mg/kg	1.6	1.1	68	35-125	
Indeno(1,2,3-cd)pyrene	mg/kg	1.6	1.4	84	35-133	
Naphthalene	mg/kg	1.6	1.1	66	36-115	
Pentachlorophenol	mg/kg	1.6	1.2	73	39-115	
Phenanthrene	mg/kg	1.6	1.2	76	35-128	
Phenol	mg/kg	1.6	1.1	67	46-94	
Pyrene	mg/kg	1.6	1.4	85	37-132	
2,4,6-Tribromophenol (S)	%			75	23-110	
2-Fluorobiphenyl (S)	%			66	29-101	
2-Fluorophenol (S)	%			63	19-95	
Nitrobenzene-d5 (S)	%			62	24-98	
p-Terphenyl-d14 (S)	%			88	29-112	
Phenol-d6 (S)	%			68	10-104	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4325158 4325159

Parameter	Units	35685571001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1-Methylnaphthalene	mg/kg	0.0058 U	1.8	1.8	1.1	1.1	65	66	38-115	1	40	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
3610 Park Central Blvd N
Pompano Beach, FL 33064
(954)582-4300

QUALITY CONTROL DATA

Project: 040-01-06/Demo B704 SP 1R-Revised Report
Pace Project No.: 35685623

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4325158 4325159

Parameter	Units	35685571001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
2,3,4,6-Tetrachlorophenol	mg/kg	0.041 U	1.8	1.8	1.4	1.4	80	80	59-117	1	40	
2,4,5-Trichlorophenol	mg/kg	0.0069 U	1.8	1.8	1.3	1.4	76	80	51-99	5	40	
2,4,6-Trichlorophenol	mg/kg	0.0095 U	1.8	1.8	1.3	1.3	73	77	51-98	5	40	
2,4-Dichlorophenol	mg/kg	0.0078 U	1.8	1.8	1.2	1.2	68	70	50-96	1	40	
2,4-Dimethylphenol	mg/kg	0.031 U	1.8	1.8	1.1	1.2	66	67	49-96	1	40	
2,4-Dinitrophenol	mg/kg	0.10 U	1.8	1.8	1.2	0.99	66	57	10-126	16	40	
2,6-Dichlorophenol	mg/kg	0.030 U	1.8	1.8	1.1	1.1	62	63	43-98	1		N2
2-Methylnaphthalene	mg/kg	0.0055 U	1.8	1.8	1.1	1.2	65	67	37-115	2	40	
2-Methylphenol(o-Cresol)	mg/kg	0.0084 U	1.8	1.8	1.1	1.1	62	62	49-93	0	40	
2-Nitrophenol	mg/kg	0.056 U	1.8	1.8	1.0	1.0	57	60	51-100	4	40	
3&4-Methylphenol(m&p Cresol)	mg/kg	0.0080 U	1.8	1.8	1.2	1.2	66	66	49-94	0	40	
4,6-Dinitro-2-methylphenol	mg/kg	0.11 U	1.8	1.8	1.3	1.3	77	75	32-123	3	40	
4-Chloro-3-methylphenol	mg/kg	0.10 U	1.8	1.8	1.3	1.3	74	74	51-99	0	40	
4-Nitrophenol	mg/kg	0.076 U	1.8	1.8	1.4	1.3	81	78	50-115	5	40	
Acenaphthene	mg/kg	0.017 U	1.8	1.8	1.2	1.2	70	72	30-127	2	40	
Acenaphthylene	mg/kg	0.0055 U	1.8	1.8	1.2	1.3	71	75	29-129	5	40	
Anthracene	mg/kg	0.0048 U	1.8	1.8	1.4	1.4	78	83	37-126	6	40	
Benzo(a)anthracene	mg/kg	0.0047 U	1.8	1.8	1.4	1.5	82	87	37-130	6	40	
Benzo(a)pyrene	mg/kg	0.0087 U	1.8	1.8	1.6	1.7	94	100	39-128	5	40	
Benzo(b)fluoranthene	mg/kg	0.017 I	1.8	1.8	1.5	1.6	87	89	38-128	2	40	
Benzo(g,h,i)perylene	mg/kg	0.0088 U	1.8	1.8	1.4	1.4	83	82	34-136	1	40	
Benzo(k)fluoranthene	mg/kg	0.0093 U	1.8	1.8	1.4	1.6	81	90	39-133	9	40	
Chrysene	mg/kg	0.0047 U	1.8	1.8	1.5	1.6	85	92	39-125	7	40	
Dibenz(a,h)anthracene	mg/kg	0.0081 U	1.8	1.8	1.5	1.5	84	84	37-127	0	40	
Fluoranthene	mg/kg	0.032 I	1.8	1.8	1.4	1.5	80	85	39-130	5	40	
Fluorene	mg/kg	0.012 U	1.8	1.8	1.2	1.3	71	74	35-125	3	40	
Indeno(1,2,3-cd)pyrene	mg/kg	0.0080 U	1.8	1.8	1.5	1.5	84	86	35-133	1	40	
Naphthalene	mg/kg	0.012 U	1.8	1.8	0.97	1.0	56	59	36-115	5	40	
Pentachlorophenol	mg/kg	0.090 U	1.8	1.8	1.4	1.4	81	78	39-115	4	40	
Phenanthrene	mg/kg	0.028 I	1.8	1.8	1.4	1.5	79	83	35-128	5	40	
Phenol	mg/kg	0.033 U	1.8	1.8	1.0	1.0	59	60	46-94	0	40	
Pyrene	mg/kg	0.027 I	1.8	1.8	1.5	1.6	85	92	37-132	7	40	
2,4,6-Tribromophenol (S)	%						78	79	23-110			
2-Fluorobiphenyl (S)	%						63	68	29-101			
2-Fluorophenol (S)	%						47	49	19-95			
Nitrobenzene-d5 (S)	%						53	54	24-98			
p-Terphenyl-d14 (S)	%						86	90	29-112			
Phenol-d6 (S)	%						60	61	10-104			

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
3610 Park Central Blvd N
Pompano Beach, FL 33064
(954)582-4300

QUALITY CONTROL DATA

Project: 040-01-06/Demo B704 SP 1R-Revised Report
Pace Project No.: 35685623

QC Batch: 787453
QC Batch Method: EPA 3546
Analysis Method: FL-PRO
Analysis Description: FL-PRO Soil
Laboratory: Pace Analytical Services - Ormond Beach
Associated Lab Samples: 35685623001, 35685623002, 35685623003

METHOD BLANK: 4319753 Matrix: Solid
Associated Lab Samples: 35685623001, 35685623002, 35685623003

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Petroleum Range Organics	mg/kg	5.1 U	5.9	5.1	12/28/21 08:44	
N-Pentatriacontane (S)	%	81	42-159		12/28/21 08:44	
o-Terphenyl (S)	%	82	66-136		12/28/21 08:44	

LABORATORY CONTROL SAMPLE: 4319754

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Petroleum Range Organics	mg/kg	199	169	85	65-119	
N-Pentatriacontane (S)	%			82	42-159	
o-Terphenyl (S)	%			85	66-136	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4319966 4319967

Parameter	Units	35684410026 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Petroleum Range Organics	mg/kg	5.8 I	216	215	211	210	95	95	39-181	0	25	
N-Pentatriacontane (S)	%						102	105	42-159			
o-Terphenyl (S)	%						99	102	66-136			

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
3610 Park Central Blvd N
Pompano Beach, FL 33064
(954)582-4300

QUALITY CONTROL DATA

Project: 040-01-06/Demo B704 SP 1R-Revised Report
Pace Project No.: 35685623

QC Batch: 787547
QC Batch Method: ASTM D2974-87
Analysis Method: ASTM D2974-87
Analysis Description: Dry Weight/Percent Moisture
Laboratory: Pace Analytical Services - Ormond Beach
Associated Lab Samples: 35685623001, 35685623002, 35685623003

SAMPLE DUPLICATE: 4320285

Parameter	Units	35685742001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	36.9	34.0	8	10	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
3610 Park Central Blvd N
Pompano Beach, FL 33064
(954)582-4300

QUALITY CONTROL DATA

Project: 040-01-06/Demo B704 SP 1R-Revised Report
Pace Project No.: 35685623

QC Batch: 789316
QC Batch Method: EPA 9012
Analysis Method: EPA 9012
Analysis Description: 9012 Cyanide
Laboratory: Pace Analytical Services - Ormond Beach
Associated Lab Samples: 35685623001, 35685623002, 35685623003

METHOD BLANK: 4329751 Matrix: Solid
Associated Lab Samples: 35685623001, 35685623002, 35685623003

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Cyanide	mg/kg	0.15 U	0.26	0.15	12/31/21 15:50	

LABORATORY CONTROL SAMPLE: 4329752

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Cyanide	mg/kg	1.3	1.4	108	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4329772 4329773

Parameter	Units	35686292009 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Cyanide	mg/kg	<0.19	0.84	0.82	0.99	0.90	98	91	80-120	9	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4329774 4329775

Parameter	Units	35686292012 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Cyanide	mg/kg	<0.23	1	1	0.91	0.70	84	64	80-120	26	20	J(M1), J(R1)

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
3610 Park Central Blvd N
Pompano Beach, FL 33064
(954)582-4300

QUALIFIERS

Project: 040-01-06/Demo B704 SP 1R-Revised Report
Pace Project No.: 35685623

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
U	Compound was analyzed for but not detected.
J(IS)	Estimated Value. The internal standard recovery associated with this result exceeds the lower control limit. The reported result should be considered an estimated value.
J(M1)	Estimated Value. Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
J(R1)	Estimated Value. RPD value was outside control limits.
J(v1)	The continuing calibration verification was above the method acceptance limit. Any detection for the analyte in the associated samples may have a high bias.
N2	The lab does not hold NELAC/TNI accreditation for this parameter but other accreditations/certifications may apply. A complete list of accreditations/certifications is available upon request.
P1	Routine initial sample volume or weight was not used for extraction, resulting in elevated reporting limits.

Pace Analytical Services, LLC
3610 Park Central Blvd N
Pompano Beach, FL 33064
(954)582-4300

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 040-01-06/Demo B704 SP 1R-Revised Report
Pace Project No.: 35685623

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
35685623001	**Demo B704-SP-1R-A**	EPA 3546	787453	FL-PRO	787771
35685623002	**Demo B704-SP-1R-B**	EPA 3546	787453	FL-PRO	787771
35685623003	**Demo B704-SP-1R-C**	EPA 3546	787453	FL-PRO	787771
35685623001	**Demo B704-SP-1R-A**	EPA 3050	787792	EPA 6010	787909
35685623002	**Demo B704-SP-1R-B**	EPA 3050	787792	EPA 6010	787909
35685623003	**Demo B704-SP-1R-C**	EPA 3050	787792	EPA 6010	787909
35685623001	**Demo B704-SP-1R-A**	EPA 3010	795646	EPA 6010	795708
35685623002	**Demo B704-SP-1R-B**	EPA 3010	795646	EPA 6010	795708
35685623003	**Demo B704-SP-1R-C**	EPA 3010	795646	EPA 6010	795708
35685623001	**Demo B704-SP-1R-A**	EPA 3546	788413	EPA 8270	788756
35685623002	**Demo B704-SP-1R-B**	EPA 3546	788413	EPA 8270	788756
35685623003	**Demo B704-SP-1R-C**	EPA 3546	788413	EPA 8270	788756
35685623001	**Demo B704-SP-1R-A**	EPA 5035	787551	EPA 8260	787597
35685623002	**Demo B704-SP-1R-B**	EPA 5035	787551	EPA 8260	787597
35685623003	**Demo B704-SP-1R-C**	EPA 5035	787551	EPA 8260	787597
35685623001	**Demo B704-SP-1R-A**	ASTM D2974-87	787547		
35685623002	**Demo B704-SP-1R-B**	ASTM D2974-87	787547		
35685623003	**Demo B704-SP-1R-C**	ASTM D2974-87	787547		
35685623001	**Demo B704-SP-1R-A**	EPA 9012	789316	EPA 9012	789322
35685623002	**Demo B704-SP-1R-B**	EPA 9012	789316	EPA 9012	789322
35685623003	**Demo B704-SP-1R-C**	EPA 9012	789316	EPA 9012	789322

WO# : 35685623

35685623

STODY / Analytical Request Document

is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Page : 1 Of 1

Section A
Required Client Information:

Company:	NOVA Consulting, Inc.
Address:	10486 NW 31st Terrace, Doral, FL 33172
Email:	vcolmenares@nova-consulting.com
Phone:	305-436-9200 Fax:
Requested Due Date:	Standard TAT

Section B

Report	Rod Buenconsejo
Copy	Valeska Colmenares
Purchase Order	MDAD Project # P256E
Project Nar	Demo B704 SP 1R
Project #:	040-01-06

Section C
Invoice Information:

Attention:	Rod Buenconsejo
Company Name:	Miami-Dade Aviation Department
Address:	P.O. Box 025504, Miami, Florida 33102-5504
Pace Quote:	
Pace Project Manager:	christina.raschke@pacelabs.com,
Pace Profile #:	9513

Regulatory Agency

State / Location
FL

MATRIX Codes: Drinking Water = DW; Water = WT; Waste Water = WW; Product = P; Soil/Solid = S; Oil = OL; Wipe = WP; Air = AR; Other = OT; Tissue = TS

ITEM #	SAMPLE ID (One Character per box. (A-Z, 0-9 / , -) Sample Ids must be unique)	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED START DATE	START TIME	COLLECTED END DATE	END TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Other	Analyses Test Y/N	8260 FULL	TRPH FL-PRO	8270 (PAH & Phenol)	6010 (As, Cd, Cr, & Pb)	Nickel	Cyanide	Residual Chlorine (Y/N)	
1	Demo B704 - SP - 1R - A	SL	C	12/20/2021	10:25	12/20/2021	10:25		4	X						X			X	X	X	X	X	X		
2	Demo B704-SP-1R B	SL	C	12/20/2021	10:40	12/20/2021	10:40		4	X						X			X	X	X	X	X	X		Standard TAT
3	Demo B704-SP-1R C	SL	C	12/20/2021	10:55	12/20/2021	10:55		4	X						X			X	X	X	X	X	X		
4		SL	C	12/20/2021		12/20/2021			4	X						X			X	X	X	X	X	X		
5		SL	C	12/20/2021		12/20/2021			4	X						X			X	X	X	X	X	X		
6		SL	C	12/20/2021		12/20/2021			4	X						X			X	X	X	X	X	X		
7		SL	C	12/20/2021		12/20/2021			4	X						X			X	X	X	X	X	X		
8		SL	C	12/20/2021		12/20/2021			4	X						X			X	X	X	X	X	X		
9		SL	C	12/20/2021		12/20/2021			4	X						X			X	X	X	X	X	X		
10		SL	C	12/20/2021		12/20/2021			4	X						X			X	X	X	X	X	X		

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
		12/20/21			12/20/21	35	
		12/20/21	1630	CTR Pace	12/20/21	1630	
	CTR Pace	12/20/21	1900	KMF Pace	12/20/21	2130	0.5 Y NN

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Valeska Colmenares

SIGNATURE of SAMPLER: [signature] DATE Signed: 12/20/21

TEMP in C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
0.5	Y	N	N

Pace Analytical

Sample Condition Upon Receipt Form (SCUR)

Project #
Project Manager:
Client:

WO# : 35685623

PM: CTR Due Date: 12/27/21
CLIENT: 36-NOVCON

Date and Initials of person:
Examining contents:_____
Label:_____
Deliver:_____
pH:_____

Thermometer Used: T391 Date: 12/17/21 Time: 1647 Initials: ECH

State of Origin:_____ ☐ For WV projects, all containers verified to ≤6 °C

Cooler #1 Temp.°C	5.9 (Visual)	0.1 (Correction Factor)	6.0 (Actual)	☒ Samples on ice, cooling process has begun
Cooler #2 Temp.°C	_____ (Visual)	_____ (Correction Factor)	_____ (Actual)	☐ Samples on ice, cooling process has begun
Cooler #3 Temp.°C	_____ (Visual)	_____ (Correction Factor)	_____ (Actual)	☐ Samples on ice, cooling process has begun
Cooler #4 Temp.°C	_____ (Visual)	_____ (Correction Factor)	_____ (Actual)	☐ Samples on ice, cooling process has begun
Cooler #5 Temp.°C	_____ (Visual)	_____ (Correction Factor)	_____ (Actual)	☐ Samples on ice, cooling process has begun
Cooler #6 Temp.°C	_____ (Visual)	_____ (Correction Factor)	_____ (Actual)	☐ Samples on ice, cooling process has begun

Recheck for OOT °C _____ (Visual) _____ (Correction Factor) _____ (Actual) Time:_____ Initials:_____

Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☒ Pace ☐ Other_____

Shipping Method: ☐ First Overnight ☐ Priority Overnight ☐ Standard Overnight ☐ Ground ☐ International Priority ☐ Other_____

Billing: ☐ Recipient ☐ Sender ☐ Third Party ☐ Credit Card ☐ Unknown

Tracking # _____

Custody Seal on Cooler/Box Present: ☐ Yes ☒ No Seals intact: ☐ Yes ☒ No Ice: (Wet) Blue Melted None

Packing Material: ☑ Bubble Wrap ☐ Bubble Bags ☒ None ☐ Other_____

Samples shorted to lab (If Yes, complete) Shorted Date:_____ Shorted Time:_____ Qty:_____

		Comments:
Chain of Custody Present	☑Yes ☐No ☐N/A	
Chain of Custody Filled Out	☑Yes ☐No ☐N/A	
Relinquished Signature & Sampler Name COC	☑Yes ☐No ☐N/A	
Samples Arrived within Hold Time	☑Yes ☐No ☐N/A	
Rush TAT requested on COC	☐Yes ☑No ☐N/A	
Sufficient Volume	☑Yes ☐No ☐N/A	
Correct Containers Used	☐Yes ☐No ☐N/A	
Containers Intact	☐Yes ☐No ☐N/A	
Sample Labels match COC (sample IDs & date/time of collection)	☐Yes ☐No ☐N/A	
All containers needing acid/base preservation have been checked.	☐Yes ☐No ☐N/A	Preservation Information:
All Containers needing preservation are found to be in compliance with EPA recommendation:	☐Yes ☐No ☐N/A	Preservative:_____ Lot #/Trace #:_____ Date:_____ Time:_____ Initials:_____
Exceptions: Vials: Microbiology, O&G, PFAS		
Headspace in VOA Vials? (>6mm):	☐Yes ☐No ☐N/A	
Trip Blank Present:	☐Yes ☐No ☐N/A	

Comments/ Resolution (use back for additional comments):_____

Sample Condition Upon Receipt Form (SCUR)

Project #
Project Manager:
Client:

WO#: 35685623

PM: CTR **Due Date: 12/27/21**
CLIENT: 36-NOVCON

Date and Initials of person:
Examining contents:_____
Label:_____
Deliver:_____
pH:_____

Thermometer Used: T-393 Date: 12/20/21 Time: 2212 Initials: HCW

State of Origin: _____ ☐ For WV projects, all containers verified to ≤6 °C

Cooler #1 Temp.°C	0.5 (Visual)	+0.0 (Correction Factor)	0.5 (Actual)	☐ Samples on ice, cooling process has begun
Cooler #2 Temp.°C	_____ (Visual)	_____ (Correction Factor)	_____ (Actual)	☐ Samples on ice, cooling process has begun
Cooler #3 Temp.°C	_____ (Visual)	_____ (Correction Factor)	_____ (Actual)	☐ Samples on ice, cooling process has begun
Cooler #4 Temp.°C	_____ (Visual)	_____ (Correction Factor)	_____ (Actual)	☐ Samples on ice, cooling process has begun
Cooler #5 Temp.°C	_____ (Visual)	_____ (Correction Factor)	_____ (Actual)	☐ Samples on ice, cooling process has begun
Cooler #6 Temp.°C	_____ (Visual)	_____ (Correction Factor)	_____ (Actual)	☐ Samples on ice, cooling process has begun

Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☐ Client ☑ Commercial ☐ Pace ☐ Other_____

Shipping Method: ☐ First Overnight ☐ Priority Overnight ☐ Standard Overnight ☐ Ground ☐ International Priority
☐ Other_____

Billing: ☐ Recipient ☐ Sender ☐ Third Party ☐ Credit Card ☐ Unknown

Tracking # _____

Custody Seal on Cooler/Box Present: ☑ Yes ☐ No **Seals intact:** ☑ Yes ☐ No **Ice:** (Wet) Blue Dry None

Packing Material: ☐ Bubble Wrap ☑ Bubble Bags ☐ None ☐ Other_____

Samples shorted to lab (If Yes, complete) Shorted Date:_____ Shorted Time:_____ Qty:_____

		Comments:
Chain of Custody Present	☐Yes ☐No ☐N/A	
Chain of Custody Filled Out	☐Yes ☐No ☐N/A	
Relinquished Signature & Sampler Name COC	☐Yes ☐No ☐N/A	
Samples Arrived within Hold Time	☐Yes ☐No ☐N/A	
Rush TAT requested on COC	☐Yes ☐No ☐N/A	
Sufficient Volume	☐Yes ☐No ☐N/A	
Correct Containers Used	☐Yes ☐No ☐N/A	
Containers Intact	☐Yes ☐No ☐N/A	
Sample Labels match COC (sample IDs & date/time of collection)	☐Yes ☐No ☐N/A	
All containers needing acid/base preservation have been checked.	☐Yes ☐No ☐N/A	Preservation Information:
All Containers needing preservation are found to be in compliance with EPA recommendation:	☐Yes ☐No ☐N/A	Preservative:_____ Lot #/Trace #:_____ Date:_____ Time:_____ Initials:_____
Exceptions: VOA, Coliform, TOC, O&G, Carbamates		
Headspace in VOA Vials? (>6mm):	☐Yes ☐No ☐N/A	
Trip Blank Present:	☐Yes ☐No ☐N/A	

Client Notification/ Resolution:
Person Contacted:_____ Date/Time:_____

Comments/ Resolution (use back for additional comments):_____

Project Manager Review:_____ Date:_____

Pace Analytical Services, LLC
3610 Park Central Blvd N
Pompano Beach, FL 33064
(954)582-4300

May 24, 2022

Rod Buenconsejo
Miami-Dade Aviation Department
PO Box 025504
Miami, FL 33102

RE: Project: 040-01-06/Demo B704 SP1R
Pace Project No.: 35714551

Dear Rod Buenconsejo:

Enclosed are the analytical results for sample(s) received by the laboratory on May 03, 2022. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Ormond Beach

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Christina Raschke
christina.raschke@pacelabs.com
(954)582-4300
Project Manager

Enclosures

cc: Valeska Colmenares, Nova Consulting, Inc.
Raymond Gonzalez, Nova Consulting
Colin Henderson, Nova Consulting, Inc.
Juan Prieto, Nova Consuting, Inc.

Pace Analytical Services, LLC
3610 Park Central Blvd N
Pompano Beach, FL 33064
(954)582-4300

CERTIFICATIONS

Project: 040-01-06/Demo B704 SP1R
Pace Project No.: 35714551

Pace Analytical Services Ormond Beach
8 East Tower Circle, Ormond Beach, FL 32174
Alaska DEC- CS/UST/LUST
Alabama Certification #: 41320
Colorado Certification: FL NELAC Reciprocity
Connecticut Certification #: PH-0216
Delaware Certification: FL NELAC Reciprocity
Florida Certification #: E83079
Georgia Certification #: 955
Guam Certification: FL NELAC Reciprocity
Hawaii Certification: FL NELAC Reciprocity
Illinois Certification #: 200068
Indiana Certification: FL NELAC Reciprocity
Kansas Certification #: E-10383
Kentucky Certification #: 90050
Louisiana Certification #: FL NELAC Reciprocity
Louisiana Environmental Certificate #: 05007
Maine Certification #: FL01264
Maryland Certification: #346
Michigan Certification #: 9911
Mississippi Certification: FL NELAC Reciprocity
Missouri Certification #: 236
Montana Certification #: Cert 0074
Nebraska Certification: NE-OS-28-14
New Hampshire Certification #: 2958
New Jersey Certification #: FL022
New York Certification #: 11608
North Carolina Environmental Certificate #: 667
North Carolina Certification #: 12710
North Dakota Certification #: R-216
Ohio DEP 87780
Oklahoma Certification #: D9947
Pennsylvania Certification #: 68-00547
Puerto Rico Certification #: FL01264
South Carolina Certification: #96042001
Tennessee Certification #: TN02974
Texas Certification: FL NELAC Reciprocity
US Virgin Islands Certification: FL NELAC Reciprocity
Virginia Environmental Certification #: 460165
West Virginia Certification #: 9962C
Wisconsin Certification #: 399079670
Wyoming (EPA Region 8): FL NELAC Reciprocity

Pace Analytical Services, LLC
3610 Park Central Blvd N
Pompano Beach, FL 33064
(954)582-4300

SAMPLE SUMMARY

Project: 040-01-06/Demo B704 SP1R
Pace Project No.: 35714551

Lab ID	Sample ID	Matrix	Date Collected	Date Received
35714551001	**Demo B704-SP 1R-5NC-1 (0-2')**	Solid	04/26/22 16:15	05/03/22 16:45
35714551002	**Demo B704-SP 1R-5NC-1 (2-4')**	Solid	04/26/22 15:45	05/03/22 16:45
35714551003	**Demo B704-SP 1R-5NC-1 (4-6')**	Solid	04/26/22 15:13	05/03/22 16:45
35714551004	**Demo B704-SP 1R-5NC-1 (6-8')**	Solid	04/26/22 14:45	05/03/22 16:45
35714551005	**Demo B704-SP 1R-5NC-1 (8-10')**	Solid	04/26/22 13:45	05/03/22 16:45
35714551006	**Demo B704-SP 1R-5NC-1 (10-12')**	Solid	04/26/22 12:53	05/03/22 16:45
35714551007	**Demo B704-SP 1R-5NC-2 (0-2')**	Solid	05/02/22 11:40	05/03/22 16:45
35714551008	**Demo B704-SP 1R-5NC-2 (2-4')**	Solid	05/02/22 11:35	05/03/22 16:45
35714551009	**Demo B704-SP 1R-5NC-2 (4-6')**	Solid	05/02/22 11:25	05/03/22 16:45
35714551010	**Demo B704-SP 1R-5NC-2 (6-8')**	Solid	05/02/22 11:20	05/03/22 16:45
35714551011	**Demo B704-SP 1R-5NC-2 (8-10')**	Solid	05/02/22 11:20	05/03/22 16:45
35714551012	**Demo B704-SP 1R-5NC-2 (10-12')**	Solid	05/02/22 11:15	05/03/22 16:45
35714551013	**Demo B704-SP 1R-5NC-3 (0-2')**	Solid	05/02/22 12:45	05/03/22 16:45
35714551014	**Demo B704-SP 1R-5NC-3 (2-4')**	Solid	05/02/22 12:35	05/03/22 16:45
35714551015	**Demo B704-SP 1R-5NC-3 (4-6')**	Solid	05/02/22 12:25	05/03/22 16:45
35714551016	**Demo B704-SP 1R-5NC-3 (6-8')**	Solid	05/02/22 12:15	05/03/22 16:45
35714551017	**Demo B704-SP 1R-5NC-3 (8-10')**	Solid	05/02/22 12:05	05/03/22 16:45
35714551018	**Demo B704-SP 1R-5NC-4 (0-2')**	Solid	05/02/22 16:25	05/03/22 16:45
35714551019	**Demo B704-SP 1R-5NC-4 (2-4')**	Solid	05/02/22 16:15	05/03/22 16:45
35714551020	**Demo B704-SP 1R-5NC-4 (4-6')**	Solid	05/02/22 16:05	05/03/22 16:45
35714551021	**Demo B704-SP 1R-5NC-4 (6-8')**	Solid	05/02/22 15:55	05/03/22 16:45
35714551022	**Demo B704-SP 1R-5NC-4 (8-10')**	Solid	05/02/22 15:45	05/03/22 16:45
35714551023	**Demo B704-SP 1R-5NC-4 (10-12')**	Solid	05/02/22 15:35	05/03/22 16:45

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
3610 Park Central Blvd N
Pompano Beach, FL 33064
(954)582-4300

SAMPLE ANALYTE COUNT

Project: 040-01-06/Demo B704 SP1R
Pace Project No.: 35714551

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
35714551001	**Demo B704-SP 1R-5NC-1 (0-2')**	EPA 6010	KC2	1	PASI-O
		ASTM D2974-87	AF	1	PASI-O
35714551002	**Demo B704-SP 1R-5NC-1 (2-4')**	EPA 6010	KC2	1	PASI-O
		ASTM D2974-87	AF	1	PASI-O
35714551003	**Demo B704-SP 1R-5NC-1 (4-6')**	EPA 6010	KC2	1	PASI-O
		ASTM D2974-87	AF	1	PASI-O
35714551004	**Demo B704-SP 1R-5NC-1 (6-8')**	EPA 6010	KC2	1	PASI-O
		EPA 6010	KC2	1	PASI-O
		ASTM D2974-87	AF	1	PASI-O
35714551005	**Demo B704-SP 1R-5NC-1 (8-10')**	EPA 6010	KC2	1	PASI-O
		EPA 6010	KC2	1	PASI-O
		ASTM D2974-87	AF	1	PASI-O
35714551006	**Demo B704-SP 1R-5NC-1 (10-12')**	EPA 6010	KC2	1	PASI-O
		ASTM D2974-87	AF	1	PASI-O
35714551007	**Demo B704-SP 1R-5NC-2 (0-2')**	EPA 6010	KC2	1	PASI-O
		EPA 6010	KC2	1	PASI-O
		ASTM D2974-87	AF	1	PASI-O
35714551008	**Demo B704-SP 1R-5NC-2 (2-4')**	EPA 6010	KC2	1	PASI-O
		EPA 6010	KC2	1	PASI-O
		ASTM D2974-87	AF	1	PASI-O
35714551009	**Demo B704-SP 1R-5NC-2 (4-6')**	EPA 6010	KC2	1	PASI-O
		EPA 6010	AME	1	PASI-O
		ASTM D2974-87	AF	1	PASI-O
35714551010	**Demo B704-SP 1R-5NC-2 (6-8')**	EPA 6010	KC2	1	PASI-O
		EPA 6010	AME	1	PASI-O
		ASTM D2974-87	AF	1	PASI-O
35714551011	**Demo B704-SP 1R-5NC-2 (8-10')**	EPA 6010	KC2	1	PASI-O
		EPA 6010	AME	1	PASI-O
		ASTM D2974-87	AF	1	PASI-O
35714551012	**Demo B704-SP 1R-5NC-2 (10-12')**	EPA 6010	KC2	1	PASI-O
		EPA 6010	AME	1	PASI-O
		ASTM D2974-87	AF	1	PASI-O
35714551013	**Demo B704-SP 1R-5NC-3 (0-2')**	EPA 6010	KC2	1	PASI-O
		EPA 6010	AME	1	PASI-O
		ASTM D2974-87	AF	1	PASI-O
35714551014	**Demo B704-SP 1R-5NC-3 (2-4')**	EPA 6010	KC2	1	PASI-O
		EPA 6010	AME	1	PASI-O

Pace Analytical Services, LLC
3610 Park Central Blvd N
Pompano Beach, FL 33064
(954)582-4300

SAMPLE ANALYTE COUNT

Project: 040-01-06/Demo B704 SP1R
Pace Project No.: 35714551

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		ASTM D2974-87	AF	1	PASI-O
35714551015	**Demo B704-SP 1R-5NC-3 (4-6')**	EPA 6010	KC2	1	PASI-O
		EPA 6010	AME	1	PASI-O
		ASTM D2974-87	AF	1	PASI-O
35714551016	**Demo B704-SP 1R-5NC-3 (6-8')**	EPA 6010	KC2	1	PASI-O
		EPA 6010	AME	1	PASI-O
		ASTM D2974-87	AF	1	PASI-O
35714551017	**Demo B704-SP 1R-5NC-3 (8-10')**	EPA 6010	KC2	1	PASI-O
		EPA 6010	AME	1	PASI-O
		ASTM D2974-87	AF	1	PASI-O
35714551018	**Demo B704-SP 1R-5NC-4 (0-2')**	EPA 6010	KC2	1	PASI-O
		EPA 6010	AME	1	PASI-O
		ASTM D2974-87	AF	1	PASI-O
35714551019	**Demo B704-SP 1R-5NC-4 (2-4')**	EPA 6010	KC2	1	PASI-O
		ASTM D2974-87	AF	1	PASI-O
35714551020	**Demo B704-SP 1R-5NC-4 (4-6')**	EPA 6010	KC2	1	PASI-O
		ASTM D2974-87	AF	1	PASI-O
35714551021	**Demo B704-SP 1R-5NC-4 (6-8')**	EPA 6010	KC2	1	PASI-O
		ASTM D2974-87	AF	1	PASI-O
35714551022	**Demo B704-SP 1R-5NC-4 (8-10')**	EPA 6010	KC2	1	PASI-O
		ASTM D2974-87	AF	1	PASI-O
35714551023	**Demo B704-SP 1R-5NC-4 (10-12')**	EPA 6010	KC2	1	PASI-O
		ASTM D2974-87	AF	1	PASI-O

PASI-O = Pace Analytical Services - Ormond Beach

Pace Analytical Services, LLC
3610 Park Central Blvd N
Pompano Beach, FL 33064
(954)582-4300

SUMMARY OF DETECTION

Project: 040-01-06/Demo B704 SP1R
Pace Project No.: 35714551

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
35714551001	**Demo B704-SP 1R-5NC-1 (0-2')**					
EPA 6010	Cadmium	14.6	mg/kg	0.52	05/06/22 17:00	J(M1),J(R1)
ASTM D2974-87	Percent Moisture	3.6	%	0.10	05/05/22 15:25	J(D6)
35714551002	**Demo B704-SP 1R-5NC-1 (2-4')**					
EPA 6010	Cadmium	16.1	mg/kg	0.56	05/06/22 17:04	
ASTM D2974-87	Percent Moisture	2.6	%	0.10	05/05/22 15:25	
35714551003	**Demo B704-SP 1R-5NC-1 (4-6')**					
EPA 6010	Cadmium	19.7	mg/kg	0.47	05/06/22 17:08	
ASTM D2974-87	Percent Moisture	2.6	%	0.10	05/05/22 15:25	
35714551004	**Demo B704-SP 1R-5NC-1 (6-8')**					
EPA 6010	Cadmium	41.9	mg/kg	0.47	05/06/22 17:12	
EPA 6010	Cadmium	0.31	mg/L	0.010	05/20/22 08:24	J(M1)
ASTM D2974-87	Percent Moisture	2.9	%	0.10	05/05/22 15:25	
35714551005	**Demo B704-SP 1R-5NC-1 (8-10')**					
EPA 6010	Cadmium	26.1	mg/kg	0.50	05/06/22 17:16	
EPA 6010	Cadmium	0.80	mg/L	0.010	05/20/22 08:02	
ASTM D2974-87	Percent Moisture	2.9	%	0.10	05/05/22 15:25	
35714551006	**Demo B704-SP 1R-5NC-1 (10-12')**					
EPA 6010	Cadmium	18.8	mg/kg	0.50	05/06/22 17:19	
ASTM D2974-87	Percent Moisture	3.3	%	0.10	05/05/22 15:25	
35714551007	**Demo B704-SP 1R-5NC-2 (0-2')**					
EPA 6010	Cadmium	111	mg/kg	1.2	05/06/22 17:23	
EPA 6010	Cadmium	0.54	mg/L	0.010	05/20/22 08:17	
ASTM D2974-87	Percent Moisture	5.9	%	0.10	05/05/22 15:25	
35714551008	**Demo B704-SP 1R-5NC-2 (2-4')**					
EPA 6010	Cadmium	33.1	mg/kg	0.56	05/06/22 17:27	
EPA 6010	Cadmium	0.50	mg/L	0.010	05/20/22 08:21	
ASTM D2974-87	Percent Moisture	5.1	%	0.10	05/05/22 15:26	
35714551009	**Demo B704-SP 1R-5NC-2 (4-6')**					
EPA 6010	Cadmium	32.0	mg/kg	0.60	05/06/22 17:31	
EPA 6010	Cadmium	0.58	mg/L	0.010	05/20/22 08:02	
ASTM D2974-87	Percent Moisture	5.9	%	0.10	05/05/22 15:26	
35714551010	**Demo B704-SP 1R-5NC-2 (6-8')**					
EPA 6010	Cadmium	23.3	mg/kg	0.56	05/06/22 17:35	
EPA 6010	Cadmium	0.30	mg/L	0.010	05/20/22 08:16	
ASTM D2974-87	Percent Moisture	6.3	%	0.10	05/05/22 15:26	
35714551011	**Demo B704-SP 1R-5NC-2 (8-10')**					
EPA 6010	Cadmium	65.1	mg/kg	1.2	05/06/22 17:46	
EPA 6010	Cadmium	0.42	mg/L	0.010	05/20/22 08:19	
ASTM D2974-87	Percent Moisture	6.2	%	0.10	05/05/22 15:26	

Pace Analytical Services, LLC
3610 Park Central Blvd N
Pompano Beach, FL 33064
(954)582-4300

SUMMARY OF DETECTION

Project: 040-01-06/Demo B704 SP1R
Pace Project No.: 35714551

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
35714551012	**Demo B704-SP 1R-5NC-2 (10-12')**					
EPA 6010	Cadmium	23.8	mg/kg	0.50	05/06/22 17:50	
EPA 6010	Cadmium	0.71	mg/L	0.010	05/20/22 08:22	
ASTM D2974-87	Percent Moisture	5.4	%	0.10	05/05/22 15:26	
35714551013	**Demo B704-SP 1R-5NC-3 (0-2')**					
EPA 6010	Cadmium	22.6	mg/kg	0.62	05/06/22 17:53	
EPA 6010	Cadmium	0.45	mg/L	0.010	05/20/22 08:26	
ASTM D2974-87	Percent Moisture	18.2	%	0.10	05/05/22 15:26	
35714551014	**Demo B704-SP 1R-5NC-3 (2-4')**					
EPA 6010	Cadmium	28.0	mg/kg	0.56	05/06/22 17:57	
EPA 6010	Cadmium	0.68	mg/L	0.010	05/20/22 08:36	
ASTM D2974-87	Percent Moisture	6.7	%	0.10	05/05/22 15:26	
35714551015	**Demo B704-SP 1R-5NC-3 (4-6')**					
EPA 6010	Cadmium	45.8	mg/kg	0.53	05/06/22 18:01	
EPA 6010	Cadmium	0.78	mg/L	0.010	05/20/22 08:39	
ASTM D2974-87	Percent Moisture	6.6	%	0.10	05/05/22 15:26	
35714551016	**Demo B704-SP 1R-5NC-3 (6-8')**					
EPA 6010	Cadmium	42.6	mg/kg	0.55	05/06/22 18:05	
EPA 6010	Cadmium	0.61	mg/L	0.010	05/20/22 08:43	
ASTM D2974-87	Percent Moisture	7.7	%	0.10	05/05/22 15:26	
35714551017	**Demo B704-SP 1R-5NC-3 (8-10')**					
EPA 6010	Cadmium	32.0	mg/kg	0.49	05/06/22 18:09	
EPA 6010	Cadmium	0.67	mg/L	0.010	05/20/22 08:46	
ASTM D2974-87	Percent Moisture	4.6	%	0.10	05/05/22 15:26	
35714551018	**Demo B704-SP 1R-5NC-4 (0-2')**					
EPA 6010	Cadmium	28.8	mg/kg	0.61	05/06/22 18:12	
EPA 6010	Cadmium	0.62	mg/L	0.010	05/20/22 08:50	
ASTM D2974-87	Percent Moisture	7.5	%	0.10	05/05/22 15:26	
35714551019	**Demo B704-SP 1R-5NC-4 (2-4')**					
EPA 6010	Cadmium	13.3	mg/kg	0.068	05/05/22 16:07	
ASTM D2974-87	Percent Moisture	9.4	%	0.10	05/05/22 15:26	
35714551020	**Demo B704-SP 1R-5NC-4 (4-6')**					
EPA 6010	Cadmium	9.8	mg/kg	0.058	05/05/22 16:11	
ASTM D2974-87	Percent Moisture	7.4	%	0.10	05/05/22 15:26	
35714551021	**Demo B704-SP 1R-5NC-4 (6-8')**					
EPA 6010	Cadmium	2.4	mg/kg	0.062	05/07/22 12:07	
ASTM D2974-87	Percent Moisture	7.8	%	0.10	05/05/22 15:42	J(D6)
35714551022	**Demo B704-SP 1R-5NC-4 (8-10')**					
EPA 6010	Cadmium	2.2	mg/kg	0.050	05/07/22 12:11	
ASTM D2974-87	Percent Moisture	5.4	%	0.10	05/05/22 15:42	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
3610 Park Central Blvd N
Pompano Beach, FL 33064
(954)582-4300

SUMMARY OF DETECTION

Project: 040-01-06/Demo B704 SP1R
Pace Project No.: 35714551

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
35714551023	**Demo B704-SP 1R-5NC-4 (10-12')**					
EPA 6010	Cadmium	2.0	mg/kg	0.054	05/07/22 12:14	
ASTM D2974-87	Percent Moisture	6.2	%	0.10	05/05/22 15:43	

Pace Analytical Services, LLC
3610 Park Central Blvd N
Pompano Beach, FL 33064
(954)582-4300

ANALYTICAL RESULTS

Project: 040-01-06/Demo B704 SP1R
Pace Project No.: 35714551

Sample: Demo B704-SP 1R-5NC-1 (0-2') **Lab ID: 35714551001** Collected: 04/26/22 16:15 Received: 05/03/22 16:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050 Pace Analytical Services - Ormond Beach								
Cadmium	**14.6**	mg/kg	0.52	0.26	10	05/05/22 06:11	05/06/22 17:00	7440-43-9	J(M1), J(R1)
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Ormond Beach								
Percent Moisture	**3.6**	%	0.10	0.10	1		05/05/22 15:25		J(D6)

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
3610 Park Central Blvd N
Pompano Beach, FL 33064
(954)582-4300

ANALYTICAL RESULTS

Project: 040-01-06/Demo B704 SP1R
Pace Project No.: 35714551

Sample: Demo B704-SP 1R-5NC-1 (2-4') **Lab ID: 35714551002** Collected: 04/26/22 15:45 Received: 05/03/22 16:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050 Pace Analytical Services - Ormond Beach								
Cadmium	**16.1**	mg/kg	0.56	0.28	10	05/05/22 06:11	05/06/22 17:04	7440-43-9	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Ormond Beach								
Percent Moisture	**2.6**	%	0.10	0.10	1		05/05/22 15:25		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
3610 Park Central Blvd N
Pompano Beach, FL 33064
(954)582-4300

ANALYTICAL RESULTS

Project: 040-01-06/Demo B704 SP1R
Pace Project No.: 35714551

Sample: Demo B704-SP 1R-5NC-1 (4-6') **Lab ID: 35714551003** Collected: 04/26/22 15:13 Received: 05/03/22 16:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050 Pace Analytical Services - Ormond Beach								
Cadmium	**19.7**	mg/kg	0.47	0.23	10	05/05/22 06:11	05/06/22 17:08	7440-43-9	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Ormond Beach								
Percent Moisture	**2.6**	%	0.10	0.10	1		05/05/22 15:25		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
3610 Park Central Blvd N
Pompano Beach, FL 33064
(954)582-4300

ANALYTICAL RESULTS

Project: 040-01-06/Demo B704 SP1R
Pace Project No.: 35714551

Sample: Demo B704-SP 1R-5NC-1 (6-8') **Lab ID: 35714551004** Collected: 04/26/22 14:45 Received: 05/03/22 16:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050 Pace Analytical Services - Ormond Beach								
Cadmium	**41.9**	mg/kg	0.47	0.24	10	05/05/22 06:11	05/06/22 17:12	7440-43-9	
6010 MET ICP, TCLP	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Leachate Method/Date: EPA 1311; 05/18/22 14:11 Pace Analytical Services - Ormond Beach								
Cadmium	**0.31**	mg/L	0.010	0.0033	1	05/19/22 11:18	05/20/22 08:24	7440-43-9	J(M1)
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Ormond Beach								
Percent Moisture	**2.9**	%	0.10	0.10	1		05/05/22 15:25		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
3610 Park Central Blvd N
Pompano Beach, FL 33064
(954)582-4300

ANALYTICAL RESULTS

Project: 040-01-06/Demo B704 SP1R
Pace Project No.: 35714551

Sample: Demo B704-SP 1R-5NC-1 (8-10') **Lab ID: 35714551005** Collected: 04/26/22 13:45 Received: 05/03/22 16:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050 Pace Analytical Services - Ormond Beach								
Cadmium	**26.1**	mg/kg	0.50	0.25	10	05/05/22 06:11	05/06/22 17:16	7440-43-9	
6010 MET ICP, TCLP	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Leachate Method/Date: EPA 1311; 05/18/22 14:11 Pace Analytical Services - Ormond Beach								
Cadmium	**0.80**	mg/L	0.010	0.0033	1	05/19/22 11:18	05/20/22 08:02	7440-43-9	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Ormond Beach								
Percent Moisture	**2.9**	%	0.10	0.10	1		05/05/22 15:25		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
3610 Park Central Blvd N
Pompano Beach, FL 33064
(954)582-4300

ANALYTICAL RESULTS

Project: 040-01-06/Demo B704 SP1R
Pace Project No.: 35714551

Sample: Demo B704-SP 1R-5NC-1 (10-12') **Lab ID: 35714551006** Collected: 04/26/22 12:53 Received: 05/03/22 16:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050 Pace Analytical Services - Ormond Beach								
Cadmium	**18.8**	mg/kg	0.50	0.25	10	05/05/22 06:11	05/06/22 17:19	7440-43-9	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Ormond Beach								
Percent Moisture	**3.3**	%	0.10	0.10	1		05/05/22 15:25		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
3610 Park Central Blvd N
Pompano Beach, FL 33064
(954)582-4300

ANALYTICAL RESULTS

Project: 040-01-06/Demo B704 SP1R
Pace Project No.: 35714551

Sample: Demo B704-SP 1R-5NC-2 (0-2') **Lab ID: 35714551007** Collected: 05/02/22 11:40 Received: 05/03/22 16:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050 Pace Analytical Services - Ormond Beach								
Cadmium	**111**	mg/kg	1.2	0.60	20	05/05/22 06:11	05/06/22 17:23	7440-43-9	
6010 MET ICP, TCLP	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Leachate Method/Date: EPA 1311; 05/18/22 14:11 Pace Analytical Services - Ormond Beach								
Cadmium	**0.54**	mg/L	0.010	0.0033	1	05/19/22 11:18	05/20/22 08:17	7440-43-9	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Ormond Beach								
Percent Moisture	**5.9**	%	0.10	0.10	1		05/05/22 15:25		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
3610 Park Central Blvd N
Pompano Beach, FL 33064
(954)582-4300

ANALYTICAL RESULTS

Project: 040-01-06/Demo B704 SP1R
Pace Project No.: 35714551

Sample: Demo B704-SP 1R-5NC-2 (2-4') **Lab ID: 35714551008** Collected: 05/02/22 11:35 Received: 05/03/22 16:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050 Pace Analytical Services - Ormond Beach								
Cadmium	**33.1**	mg/kg	0.56	0.28	10	05/05/22 06:11	05/06/22 17:27	7440-43-9	
6010 MET ICP, TCLP	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Leachate Method/Date: EPA 1311; 05/18/22 14:11 Pace Analytical Services - Ormond Beach								
Cadmium	**0.50**	mg/L	0.010	0.0033	1	05/19/22 11:18	05/20/22 08:21	7440-43-9	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Ormond Beach								
Percent Moisture	**5.1**	%	0.10	0.10	1		05/05/22 15:26		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
3610 Park Central Blvd N
Pompano Beach, FL 33064
(954)582-4300

ANALYTICAL RESULTS

Project: 040-01-06/Demo B704 SP1R
Pace Project No.: 35714551

Sample: Demo B704-SP 1R-5NC-2 (4-6') **Lab ID: 35714551009** Collected: 05/02/22 11:25 Received: 05/03/22 16:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050 Pace Analytical Services - Ormond Beach								
Cadmium	**32.0**	mg/kg	0.60	0.30	10	05/05/22 06:11	05/06/22 17:31	7440-43-9	
6010 MET ICP, TCLP	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Leachate Method/Date: EPA 1311; 05/18/22 14:26 Pace Analytical Services - Ormond Beach								
Cadmium	**0.58**	mg/L	0.010	0.0033	1	05/19/22 11:18	05/20/22 08:02	7440-43-9	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Ormond Beach								
Percent Moisture	**5.9**	%	0.10	0.10	1		05/05/22 15:26		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
3610 Park Central Blvd N
Pompano Beach, FL 33064
(954)582-4300

ANALYTICAL RESULTS

Project: 040-01-06/Demo B704 SP1R
Pace Project No.: 35714551

Sample: Demo B704-SP 1R-5NC-2 (6-8') **Lab ID: 35714551010** Collected: 05/02/22 11:20 Received: 05/03/22 16:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050 Pace Analytical Services - Ormond Beach								
Cadmium	**23.3**	mg/kg	0.56	0.28	10	05/05/22 06:11	05/06/22 17:35	7440-43-9	
6010 MET ICP, TCLP	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Leachate Method/Date: EPA 1311; 05/18/22 14:26 Pace Analytical Services - Ormond Beach								
Cadmium	**0.30**	mg/L	0.010	0.0033	1	05/19/22 11:18	05/20/22 08:16	7440-43-9	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Ormond Beach								
Percent Moisture	**6.3**	%	0.10	0.10	1		05/05/22 15:26		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
3610 Park Central Blvd N
Pompano Beach, FL 33064
(954)582-4300

ANALYTICAL RESULTS

Project: 040-01-06/Demo B704 SP1R
Pace Project No.: 35714551

Sample: Demo B704-SP 1R-5NC-2 (8-10') **Lab ID: 35714551011** Collected: 05/02/22 11:20 Received: 05/03/22 16:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050 Pace Analytical Services - Ormond Beach								
Cadmium	**65.1**	mg/kg	1.2	0.61	20	05/05/22 06:11	05/06/22 17:46	7440-43-9	
6010 MET ICP, TCLP	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Leachate Method/Date: EPA 1311; 05/18/22 14:26 Pace Analytical Services - Ormond Beach								
Cadmium	**0.42**	mg/L	0.010	0.0033	1	05/19/22 11:18	05/20/22 08:19	7440-43-9	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Ormond Beach								
Percent Moisture	**6.2**	%	0.10	0.10	1		05/05/22 15:26		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
3610 Park Central Blvd N
Pompano Beach, FL 33064
(954)582-4300

ANALYTICAL RESULTS

Project: 040-01-06/Demo B704 SP1R
Pace Project No.: 35714551

Sample: Demo B704-SP 1R-5NC-2 (10-12') **Lab ID: 35714551012** Collected: 05/02/22 11:15 Received: 05/03/22 16:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050 Pace Analytical Services - Ormond Beach								
Cadmium	**23.8**	mg/kg	0.50	0.25	10	05/05/22 06:11	05/06/22 17:50	7440-43-9	
6010 MET ICP, TCLP	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Leachate Method/Date: EPA 1311; 05/18/22 14:26 Pace Analytical Services - Ormond Beach								
Cadmium	**0.71**	mg/L	0.010	0.0033	1	05/19/22 11:18	05/20/22 08:22	7440-43-9	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Ormond Beach								
Percent Moisture	**5.4**	%	0.10	0.10	1		05/05/22 15:26		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
3610 Park Central Blvd N
Pompano Beach, FL 33064
(954)582-4300

ANALYTICAL RESULTS

Project: 040-01-06/Demo B704 SP1R
Pace Project No.: 35714551

Sample: Demo B704-SP 1R-5NC-3 (0-2') **Lab ID: 35714551013** Collected: 05/02/22 12:45 Received: 05/03/22 16:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050 Pace Analytical Services - Ormond Beach								
Cadmium	**22.6**	mg/kg	0.62	0.31	10	05/05/22 06:11	05/06/22 17:53	7440-43-9	
6010 MET ICP, TCLP	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Leachate Method/Date: EPA 1311; 05/18/22 14:26 Pace Analytical Services - Ormond Beach								
Cadmium	**0.45**	mg/L	0.010	0.0033	1	05/19/22 11:18	05/20/22 08:26	7440-43-9	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Ormond Beach								
Percent Moisture	**18.2**	%	0.10	0.10	1		05/05/22 15:26		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
3610 Park Central Blvd N
Pompano Beach, FL 33064
(954)582-4300

ANALYTICAL RESULTS

Project: 040-01-06/Demo B704 SP1R
Pace Project No.: 35714551

Sample: Demo B704-SP 1R-5NC-3 (2-4') **Lab ID: 35714551014** Collected: 05/02/22 12:35 Received: 05/03/22 16:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050 Pace Analytical Services - Ormond Beach								
Cadmium	**28.0**	mg/kg	0.56	0.28	10	05/05/22 06:11	05/06/22 17:57	7440-43-9	
6010 MET ICP, TCLP	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Leachate Method/Date: EPA 1311; 05/18/22 14:26 Pace Analytical Services - Ormond Beach								
Cadmium	**0.68**	mg/L	0.010	0.0033	1	05/19/22 11:18	05/20/22 08:36	7440-43-9	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Ormond Beach								
Percent Moisture	**6.7**	%	0.10	0.10	1		05/05/22 15:26		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
3610 Park Central Blvd N
Pompano Beach, FL 33064
(954)582-4300

ANALYTICAL RESULTS

Project: 040-01-06/Demo B704 SP1R
Pace Project No.: 35714551

Sample: Demo B704-SP 1R-5NC-3 (4-6') **Lab ID: 35714551015** Collected: 05/02/22 12:25 Received: 05/03/22 16:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050 Pace Analytical Services - Ormond Beach								
Cadmium	**45.8**	mg/kg	0.53	0.26	10	05/05/22 06:11	05/06/22 18:01	7440-43-9	
6010 MET ICP, TCLP	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Leachate Method/Date: EPA 1311; 05/18/22 14:26 Pace Analytical Services - Ormond Beach								
Cadmium	**0.78**	mg/L	0.010	0.0033	1	05/19/22 11:18	05/20/22 08:39	7440-43-9	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Ormond Beach								
Percent Moisture	**6.6**	%	0.10	0.10	1		05/05/22 15:26		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
3610 Park Central Blvd N
Pompano Beach, FL 33064
(954)582-4300

ANALYTICAL RESULTS

Project: 040-01-06/Demo B704 SP1R
Pace Project No.: 35714551

Sample: Demo B704-SP 1R-5NC-3 (6-8') **Lab ID: 35714551016** Collected: 05/02/22 12:15 Received: 05/03/22 16:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050 Pace Analytical Services - Ormond Beach								
Cadmium	**42.6**	mg/kg	0.55	0.28	10	05/05/22 06:11	05/06/22 18:05	7440-43-9	
6010 MET ICP, TCLP	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Leachate Method/Date: EPA 1311; 05/18/22 14:26 Pace Analytical Services - Ormond Beach								
Cadmium	**0.61**	mg/L	0.010	0.0033	1	05/19/22 11:18	05/20/22 08:43	7440-43-9	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Ormond Beach								
Percent Moisture	**7.7**	%	0.10	0.10	1		05/05/22 15:26		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
3610 Park Central Blvd N
Pompano Beach, FL 33064
(954)582-4300

ANALYTICAL RESULTS

Project: 040-01-06/Demo B704 SP1R
Pace Project No.: 35714551

Sample: Demo B704-SP 1R-5NC-3 (8-10') **Lab ID: 35714551017** Collected: 05/02/22 12:05 Received: 05/03/22 16:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050 Pace Analytical Services - Ormond Beach								
Cadmium	**32.0**	mg/kg	0.49	0.24	10	05/05/22 06:11	05/06/22 18:09	7440-43-9	
6010 MET ICP, TCLP	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Leachate Method/Date: EPA 1311; 05/18/22 14:26 Pace Analytical Services - Ormond Beach								
Cadmium	**0.67**	mg/L	0.010	0.0033	1	05/19/22 11:18	05/20/22 08:46	7440-43-9	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Ormond Beach								
Percent Moisture	**4.6**	%	0.10	0.10	1		05/05/22 15:26		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
3610 Park Central Blvd N
Pompano Beach, FL 33064
(954)582-4300

ANALYTICAL RESULTS

Project: 040-01-06/Demo B704 SP1R
Pace Project No.: 35714551

Sample: Demo B704-SP 1R-5NC-4 (0-2') **Lab ID: 35714551018** Collected: 05/02/22 16:25 Received: 05/03/22 16:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050 Pace Analytical Services - Ormond Beach								
Cadmium	**28.8**	mg/kg	0.61	0.30	10	05/05/22 06:11	05/06/22 18:12	7440-43-9	
6010 MET ICP, TCLP	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Leachate Method/Date: EPA 1311; 05/18/22 14:26 Pace Analytical Services - Ormond Beach								
Cadmium	**0.62**	mg/L	0.010	0.0033	1	05/19/22 11:18	05/20/22 08:50	7440-43-9	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Ormond Beach								
Percent Moisture	**7.5**	%	0.10	0.10	1		05/05/22 15:26		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
3610 Park Central Blvd N
Pompano Beach, FL 33064
(954)582-4300

ANALYTICAL RESULTS

Project: 040-01-06/Demo B704 SP1R
Pace Project No.: 35714551

Sample: Demo B704-SP 1R-5NC-4 (2-4') **Lab ID: 35714551019** Collected: 05/02/22 16:15 Received: 05/03/22 16:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050 Pace Analytical Services - Ormond Beach								
Cadmium	**13.3**	mg/kg	0.068	0.034	1	05/05/22 06:11	05/05/22 16:07	7440-43-9	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Ormond Beach								
Percent Moisture	**9.4**	%	0.10	0.10	1		05/05/22 15:26		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
3610 Park Central Blvd N
Pompano Beach, FL 33064
(954)582-4300

ANALYTICAL RESULTS

Project: 040-01-06/Demo B704 SP1R
Pace Project No.: 35714551

Sample: Demo B704-SP 1R-5NC-4 (4-6') **Lab ID: 35714551020** Collected: 05/02/22 16:05 Received: 05/03/22 16:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050 Pace Analytical Services - Ormond Beach								
Cadmium	**9.8**	mg/kg	0.058	0.029	1	05/05/22 06:11	05/05/22 16:11	7440-43-9	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Ormond Beach								
Percent Moisture	**7.4**	%	0.10	0.10	1		05/05/22 15:26		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
3610 Park Central Blvd N
Pompano Beach, FL 33064
(954)582-4300

ANALYTICAL RESULTS

Project: 040-01-06/Demo B704 SP1R
Pace Project No.: 35714551

Sample: Demo B704-SP 1R-5NC-4 (6-8') **Lab ID: 35714551021** Collected: 05/02/22 15:55 Received: 05/03/22 16:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050 Pace Analytical Services - Ormond Beach								
Cadmium	**2.4**	mg/kg	0.062	0.031	1	05/06/22 01:37	05/07/22 12:07	7440-43-9	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Ormond Beach								
Percent Moisture	**7.8**	%	0.10	0.10	1		05/05/22 15:42		J(D6)

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
3610 Park Central Blvd N
Pompano Beach, FL 33064
(954)582-4300

ANALYTICAL RESULTS

Project: 040-01-06/Demo B704 SP1R
Pace Project No.: 35714551

Sample: Demo B704-SP 1R-5NC-4 (8-10') **Lab ID: 35714551022** Collected: 05/02/22 15:45 Received: 05/03/22 16:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050 Pace Analytical Services - Ormond Beach								
Cadmium	**2.2**	mg/kg	0.050	0.025	1	05/06/22 01:37	05/07/22 12:11	7440-43-9	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Ormond Beach								
Percent Moisture	**5.4**	%	0.10	0.10	1		05/05/22 15:42		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
3610 Park Central Blvd N
Pompano Beach, FL 33064
(954)582-4300

ANALYTICAL RESULTS

Project: 040-01-06/Demo B704 SP1R
Pace Project No.: 35714551

Sample: Demo B704-SP 1R-5NC-4 (10-12') **Lab ID: 35714551023** Collected: 05/02/22 15:35 Received: 05/03/22 16:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050 Pace Analytical Services - Ormond Beach								
Cadmium	**2.0**	mg/kg	0.054	0.027	1	05/06/22 01:37	05/07/22 12:14	7440-43-9	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Ormond Beach								
Percent Moisture	**6.2**	%	0.10	0.10	1		05/05/22 15:43		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
3610 Park Central Blvd N
Pompano Beach, FL 33064
(954)582-4300

QUALITY CONTROL DATA

Project: 040-01-06/Demo B704 SP1R
Pace Project No.: 35714551

QC Batch: 821532
QC Batch Method: EPA 3050
Analysis Method: EPA 6010
Analysis Description: 6010 MET Solid
Laboratory: Pace Analytical Services - Ormond Beach

Associated Lab Samples: 35714551001, 35714551002, 35714551003, 35714551004, 35714551005, 35714551006, 35714551007, 35714551008, 35714551009, 35714551010, 35714551011, 35714551012, 35714551013, 35714551014, 35714551015, 35714551016, 35714551017, 35714551018, 35714551019, 35714551020

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4512067 4512068

Parameter	Units	35714551001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Cadmium	mg/kg	14.6	1.2	1.3	18.1	24.8	272	780	75-125	31	20	J(M1), J(R1), L

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
3610 Park Central Blvd N
Pompano Beach, FL 33064
(954)582-4300

QUALITY CONTROL DATA

Project: 040-01-06/Demo B704 SP1R
Pace Project No.: 35714551

QC Batch: 821848
QC Batch Method: EPA 3050
Analysis Method: EPA 6010
Analysis Description: 6010 MET Solid
Laboratory: Pace Analytical Services - Ormond Beach
Associated Lab Samples: 35714551021, 35714551022, 35714551023

METHOD BLANK: 4514007 Matrix: Solid
Associated Lab Samples: 35714551021, 35714551022, 35714551023

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Cadmium	mg/kg	0.031 U	0.062	0.031	05/06/22 08:02	

LABORATORY CONTROL SAMPLE: 4514008

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Cadmium	mg/kg	1.5	1.4	91	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4514009 4514010

Parameter	Units	35707125001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Cadmium	mg/kg	2.3 U	110	110	98.4	111	83	94	75-125	12	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
3610 Park Central Blvd N
Pompano Beach, FL 33064
(954)582-4300

QUALITY CONTROL DATA

Project: 040-01-06/Demo B704 SP1R
Pace Project No.: 35714551

QC Batch: 825381
QC Batch Method: EPA 3010
Analysis Method: EPA 6010
Analysis Description: 6010 MET TCLP
Laboratory: Pace Analytical Services - Ormond Beach
Associated Lab Samples: 35714551004, 35714551005, 35714551007, 35714551008

METHOD BLANK: 4533130 Matrix: Water
Associated Lab Samples: 35714551004, 35714551005, 35714551007, 35714551008

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Cadmium	mg/L	0.00033 U	0.0010	0.00033	05/20/22 07:47	

LABORATORY CONTROL SAMPLE: 4535706

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Cadmium	mg/L	0.025	0.024	97	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4535707 4535708

Parameter	Units	35714551004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Cadmium	mg/L	0.31	0.25	0.25	1.0	1.0	291	285	75-125	1	20	J(M1)

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
3610 Park Central Blvd N
Pompano Beach, FL 33064
(954)582-4300

QUALITY CONTROL DATA

Project: 040-01-06/Demo B704 SP1R
Pace Project No.: 35714551

QC Batch: 825393
QC Batch Method: EPA 3010
Analysis Method: EPA 6010
Analysis Description: 6010 MET TCLP
Laboratory: Pace Analytical Services - Ormond Beach
Associated Lab Samples: 35714551009, 35714551010, 35714551011, 35714551012, 35714551013, 35714551014, 35714551015, 35714551016, 35714551017, 35714551018

METHOD BLANK: 4533661 Matrix: Water
Associated Lab Samples: 35714551009, 35714551010, 35714551011, 35714551012, 35714551013, 35714551014, 35714551015, 35714551016, 35714551017, 35714551018

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Cadmium	mg/L	0.00054 I	0.0010	0.00033	05/20/22 07:55	

LABORATORY CONTROL SAMPLE: 4535730

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Cadmium	mg/L	0.025	0.025	102	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4535731 4535732

Parameter	Units	35714551009 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Cadmium	mg/L	0.58	0.25	0.25	0.78	0.81	83	94	75-125	4	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
3610 Park Central Blvd N
Pompano Beach, FL 33064
(954)582-4300

QUALITY CONTROL DATA

Project: 040-01-06/Demo B704 SP1R
Pace Project No.: 35714551

QC Batch: 821786
QC Batch Method: ASTM D2974-87
Analysis Method: ASTM D2974-87
Analysis Description: Dry Weight/Percent Moisture
Laboratory: Pace Analytical Services - Ormond Beach

Associated Lab Samples: 35714551001, 35714551002, 35714551003, 35714551004, 35714551005, 35714551006, 35714551007, 35714551008, 35714551009, 35714551010, 35714551011, 35714551012, 35714551013, 35714551014, 35714551015, 35714551016, 35714551017, 35714551018, 35714551019, 35714551020, 35714551021, 35714551022, 35714551023

SAMPLE DUPLICATE: 4513322

Parameter	Units	35714551001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	3.6	4.2	15	10	J(D6)

SAMPLE DUPLICATE: 4513323

Parameter	Units	35714551011 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	6.2	5.7	8	10	

SAMPLE DUPLICATE: 4513357

Parameter	Units	35714551021 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	7.8	6.9	12	10	J(D6)

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
3610 Park Central Blvd N
Pompano Beach, FL 33064
(954)582-4300

QUALIFIERS

Project: 040-01-06/Demo B704 SP1R
Pace Project No.: 35714551

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
U	Compound was analyzed for but not detected.
J(D6)	Estimated Value. The relative percent difference (RPD) between the sample and sample duplicate exceeded laboratory control limits.
J(M1)	Estimated Value. Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
J(R1)	Estimated Value. RPD value was outside control limits.
L	Off-scale high. Actual value is known to be greater than value given.

Pace Analytical Services, LLC
3610 Park Central Blvd N
Pompano Beach, FL 33064
(954)582-4300

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 040-01-06/Demo B704 SP1R
Pace Project No.: 35714551

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
35714551001	Demo B704-SP 1R-5NC-1 (0-2')	EPA 3050	821532	EPA 6010	821675
35714551002	Demo B704-SP 1R-5NC-1 (2-4')	EPA 3050	821532	EPA 6010	821675
35714551003	Demo B704-SP 1R-5NC-1 (4-6')	EPA 3050	821532	EPA 6010	821675
35714551004	Demo B704-SP 1R-5NC-1 (6-8')	EPA 3050	821532	EPA 6010	821675
35714551005	Demo B704-SP 1R-5NC-1 (8-10')	EPA 3050	821532	EPA 6010	821675
35714551006	Demo B704-SP 1R-5NC-1 (10-12')	EPA 3050	821532	EPA 6010	821675
35714551007	Demo B704-SP 1R-5NC-2 (0-2')	EPA 3050	821532	EPA 6010	821675
35714551008	Demo B704-SP 1R-5NC-2 (2-4')	EPA 3050	821532	EPA 6010	821675
35714551009	Demo B704-SP 1R-5NC-2 (4-6')	EPA 3050	821532	EPA 6010	821675
35714551010	Demo B704-SP 1R-5NC-2 (6-8')	EPA 3050	821532	EPA 6010	821675
35714551011	Demo B704-SP 1R-5NC-2 (8-10')	EPA 3050	821532	EPA 6010	821675
35714551012	Demo B704-SP 1R-5NC-2 (10-12')	EPA 3050	821532	EPA 6010	821675
35714551013	Demo B704-SP 1R-5NC-3 (0-2')	EPA 3050	821532	EPA 6010	821675
35714551014	Demo B704-SP 1R-5NC-3 (2-4')	EPA 3050	821532	EPA 6010	821675
35714551015	Demo B704-SP 1R-5NC-3 (4-6')	EPA 3050	821532	EPA 6010	821675
35714551016	Demo B704-SP 1R-5NC-3 (6-8')	EPA 3050	821532	EPA 6010	821675
35714551017	Demo B704-SP 1R-5NC-3 (8-10')	EPA 3050	821532	EPA 6010	821675
35714551018	Demo B704-SP 1R-5NC-4 (0-2')	EPA 3050	821532	EPA 6010	821675
35714551019	Demo B704-SP 1R-5NC-4 (2-4')	EPA 3050	821532	EPA 6010	821675
35714551020	Demo B704-SP 1R-5NC-4 (4-6')	EPA 3050	821532	EPA 6010	821675
35714551021	Demo B704-SP 1R-5NC-4 (6-8')	EPA 3050	821848	EPA 6010	821866
35714551022	Demo B704-SP 1R-5NC-4 (8-10')	EPA 3050	821848	EPA 6010	821866
35714551023	Demo B704-SP 1R-5NC-4 (10-12')	EPA 3050	821848	EPA 6010	821866
35714551004	Demo B704-SP 1R-5NC-1 (6-8')	EPA 3010	825381	EPA 6010	825607
35714551005	Demo B704-SP 1R-5NC-1 (8-10')	EPA 3010	825381	EPA 6010	825607
35714551007	Demo B704-SP 1R-5NC-2 (0-2')	EPA 3010	825381	EPA 6010	825607
35714551008	Demo B704-SP 1R-5NC-2 (2-4')	EPA 3010	825381	EPA 6010	825607
35714551009	Demo B704-SP 1R-5NC-2 (4-6')	EPA 3010	825393	EPA 6010	825606
35714551010	Demo B704-SP 1R-5NC-2 (6-8')	EPA 3010	825393	EPA 6010	825606
35714551011	Demo B704-SP 1R-5NC-2 (8-10')	EPA 3010	825393	EPA 6010	825606
35714551012	Demo B704-SP 1R-5NC-2 (10-12')	EPA 3010	825393	EPA 6010	825606
35714551013	Demo B704-SP 1R-5NC-3 (0-2')	EPA 3010	825393	EPA 6010	825606
35714551014	Demo B704-SP 1R-5NC-3 (2-4')	EPA 3010	825393	EPA 6010	825606
35714551015	Demo B704-SP 1R-5NC-3 (4-6')	EPA 3010	825393	EPA 6010	825606
35714551016	Demo B704-SP 1R-5NC-3 (6-8')	EPA 3010	825393	EPA 6010	825606
35714551017	Demo B704-SP 1R-5NC-3 (8-10')	EPA 3010	825393	EPA 6010	825606
35714551018	Demo B704-SP 1R-5NC-4 (0-2')	EPA 3010	825393	EPA 6010	825606
35714551001	Demo B704-SP 1R-5NC-1 (0-2')	ASTM D2974-87	821786		
35714551002	Demo B704-SP 1R-5NC-1 (2-4')	ASTM D2974-87	821786		
35714551003	Demo B704-SP 1R-5NC-1 (4-6')	ASTM D2974-87	821786		
35714551004	Demo B704-SP 1R-5NC-1 (6-8')	ASTM D2974-87	821786		
35714551005	Demo B704-SP 1R-5NC-1 (8-10')	ASTM D2974-87	821786		
35714551006	Demo B704-SP 1R-5NC-1 (10-12')	ASTM D2974-87	821786		
35714551007	Demo B704-SP 1R-5NC-2 (0-2')	ASTM D2974-87	821786		
35714551008	Demo B704-SP 1R-5NC-2 (2-4')	ASTM D2974-87	821786		
35714551009	Demo B704-SP 1R-5NC-2 (4-6')	ASTM D2974-87	821786		
35714551010	Demo B704-SP 1R-5NC-2 (6-8')	ASTM D2974-87	821786		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
3610 Park Central Blvd N
Pompano Beach, FL 33064
(954)582-4300

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 040-01-06/Demo B704 SP1R
Pace Project No.: 35714551

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
35714551011	**Demo B704-SP 1R-5NC-2 (8-10')**	ASTM D2974-87	821786		
35714551012	**Demo B704-SP 1R-5NC-2 (10-12')**	ASTM D2974-87	821786		
35714551013	**Demo B704-SP 1R-5NC-3 (0-2')**	ASTM D2974-87	821786		
35714551014	**Demo B704-SP 1R-5NC-3 (2-4')**	ASTM D2974-87	821786		
35714551015	**Demo B704-SP 1R-5NC-3 (4-6')**	ASTM D2974-87	821786		
35714551016	**Demo B704-SP 1R-5NC-3 (6-8')**	ASTM D2974-87	821786		
35714551017	**Demo B704-SP 1R-5NC-3 (8-10')**	ASTM D2974-87	821786		
35714551018	**Demo B704-SP 1R-5NC-4 (0-2')**	ASTM D2974-87	821786		
35714551019	**Demo B704-SP 1R-5NC-4 (2-4')**	ASTM D2974-87	821786		
35714551020	**Demo B704-SP 1R-5NC-4 (4-6')**	ASTM D2974-87	821786		
35714551021	**Demo B704-SP 1R-5NC-4 (6-8')**	ASTM D2974-87	821786		
35714551022	**Demo B704-SP 1R-5NC-4 (8-10')**	ASTM D2974-87	821786		
35714551023	**Demo B704-SP 1R-5NC-4 (10-12')**	ASTM D2974-87	821786		

Pace Analytical

CH
The C

WO# : 35714551

35714551

)ocument
be completed accurately.

Section A
Required Client Information:

Company:	NOVA Consulting, Inc.
Address:	10486 NW 31st Terrace, Doral, FL 33172
Email:	vcolmenares@nova-consulting.com
Phone:	305-436-9200 Fax:
Requested Due Date:	Standard TAT

Section B
Required Project Information:

Report To:	Rod Buenconsejo
Copy To:	Valeska Colmenares
Purchase Order #:	MDAD Project # P256E
Project Name:	Demo B704 SP 1R
Project #:	040-01-06

Attention:	Rod Buenconsejo
Company Name:	Miami-Dade Aviation Department
Address:	P.O. Box 025504, Miami, Florida 33102-5504
Pace Quote:	
Pace Project Manager:	christina.raschke@pacelabs.com,
Pace Profile #:	9513

Regulatory Agency

State / Location
FL

SAMPLE ID
One Character per box.
(A-Z, 0-9 / , -)
Sample Ids must be unique

MATRIX	CODE
Drinking Water	DW
Water	WT
Waste Water	WW
Product	P
Soil/Solid	SL
Oil	OL
Wipe	WP
Air	AR
Other	OT
Tissue	TS

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED START DATE	COLLECTED START TIME	COLLECTED END DATE	COLLECTED END TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Other	Analyses Test Y/N	8260 VOA	TRPH FL-PRO	PAH by 8270 SIM (low vol)	Nickel	Cadmium	TCLP Cadmium	Lead	Chromium	Residual Chlorine (Y/N)
1	Demo B704-SP 1R-5NC-2 (8-10')	SL	G	5/2/2022	1115	5/2/2022	1120		1			X											X				
2	Demo B704-SP 1R-5NC-2 (10-12')	SL	G	5/2/2022	1110	5/2/2022	1115		1			X											X				
3	Demo B704-SP 1R-5NC-3 (0-2')	SL	G	5/2/2022	1240	5/2/2022	1245		1			X											X				
4	Demo B704-SP 1R-5NC-3 (2-4')	SL	G	5/2/2022	1230	5/2/2022	1235		1			X											X				
5	Demo B704-SP 1R-5NC-3 (4-6')	SL	G	5/2/2022	1220	5/2/2022	1225		1			X											X				
6	Demo B704-SP 1R-5NC-3 (6-8')	SL	G	5/2/2022	1210	5/2/2022	1215		1			X											X				
7	Demo B704-SP 1R-5NC-3 (8-10')	SL	G	5/2/2022	1200	5/2/2022	1205		1			X											X				
8	Demo B704-SP 1R-5NC-4 (0-2')	SL	G	5/2/2022	1620	5/2/2022	1625		1			X											X				
9	Demo B704-SP 1R-5NC-4 (2-4')	SL	G	5/2/2022	1610	5/2/2022	1615		1			X											X				
10	Demo B704-SP 1R-5NC-4 (4-6')	SL	G	5/2/2022	1600	5/2/2022	1605		1			X											X				

Run TCLP Cadmium if above 20.00 mg/kg

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS: TEMP in C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
5NC = 5-feet North of Pile C	Raymond Gonzalez / Nova Consulting, Inc.	5/3/2022		[signature]	5/3/22	13:00				
10NC = 10-feet North of Pile C	[signature]	5/3/22	1648	[signature]	5/3/22	1645				
	[signature]	5/3/22	1900	GPI/Pace	5/3/22	2116	1.6	Y	Y	Y

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Ray Gonzalez / ~~Julio Morales~~

SIGNATURE of SAMPLER: [signature]

DATE Signed: 5/3/2022

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company:	NOVA Consulting, Inc.	Report To:	Rod Buenconsejo	Attention:	Rod Buenconsejo
Address:	10486 NW 31st Terrace, Doral, FL 33172	Copy To:	Valeska Colmenares	Company Name:	Miami-Dade Aviation Department
				Address:	P.O. Box 025504, Miami, Florida 33102-5504
Email:	vcolmenares@nova-consulting.com	Purchase Order #:	MDAD Project # P256E	Pace Quote:	
Phone:	305-436-9200 Fax:	Project Name:	Demo B704 SP 1R	Pace Project Manager:	christina.raschke@pacelabs.com,
Requested Due Date:	Standard TAT	Project #:	040-01-06	Pace Profile #:	9513

Regulatory Agency
State / Location
FL

MATRIX	CODE
Drinking Water	DW
Water	WT
Waste Water	WW
Product	P
Soil/Solid	SL
Oil	OL
Wipe	WP
Air	AR
Other	OT
Tissue	TS

ITEM #	SAMPLE ID (One Character per box. (A-Z, 0-9 / , -) Sample Ids must be unique)	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED START DATE	COLLECTED START TIME	COLLECTED END DATE	COLLECTED END TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Other	Requested Analysis Filtered (Y/N) Y/N	Analyses Test: 8260 VOA	TRPH FL-PRO	PAH by 8270 SIM (low vol)	Nickel	Cadmium	TCLP Cadmium	Lead	Chromium	Residual Chlorine (Y/N)	
1	Demo B704-SP 1R-5NC-1 (0-2')	SL	G	4/26/2022	1610	4/26/2022	1615		1			X												X					
2	Demo B704-SP 1R-5NC-1 (2-4')	SL	G	4/26/2022	1540	4/26/2022	1545		1			X												X					
3	Demo B704-SP 1R-5NC-1 (4-6')	SL	G	4/26/2022	1508	4/26/2022	1513		1			X												X					
4	Demo B704-SP 1R-5NC-1 (6-8')	SL	G	4/26/2022	1440	4/26/2022	1445		1			X												X					
5	Demo B704-SP 1R-5NC-1 (8-10')	SL	G	4/26/2022	1340	4/26/2022	1345		1			X												X					
6	Demo B704-SP 1R-5NC-1 (10-12')	SL	G	4/26/2022	1248	4/26/2022	1253		1			X												X					
7	Demo B704-SP 1R-5NC-2 (0-2')	SL	G	5/2/2022	1135	5/2/2022	1140		1			X												X					
8	Demo B704-SP 1R-5NC-2 (2-4')	SL	G	5/2/2022	1130	5/2/2022	1135		1			X												X					
9	Demo B704-SP 1R-5NC-2 (4-6')	SL	G	5/2/2022	1125	5/2/2022	1125		1			X												X					
10	Demo B704-SP 1R-5NC-2 (6-8')	SL	G	5/2/2022	1120	5/2/2022	1120		1			X												X					

Run TCLP Cadmium if above 20.00 mg/kg

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS: TEMP in C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
5NC = 5-feet North of Pile C	Raymond Gonzalez / Nova Consulting, Inc.	5/3/2022			5/3/22	1300				
10NC = 10-feet North of Pile C		5/3/22	1615		5/3/22	1605				
		5/3/22	1900	CPT/Pace	5/3/22	2116	1.0	Y	Y	Y

SAMPLER NAME AND SIGNATURE		
PRINT Name of SAMPLER:	Ray Gonzalez / ~~Julio Morales~~	
SIGNATURE of SAMPLER:		DATE Signed: 5/3/2022

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Section A — Required Client Information:

Company:	NOVA Consulting, Inc.
Address:	10486 NW 31st Terrace, Doral, FL 33172
Email:	vcolmenares@nova-consulting.com
Phone:	305-436-9200 Fax:
Requested Due Date:	Standard TAT

Section B — Required Project Information:

Report To:	Rod Buenconsejo
Copy To:	Valeska Colmenares
Purchase Order #:	MDAD Project # P256E
Project Name:	Demo B704 SP 1R
Project #:	040-01-06

Section C — Invoice Information:

Attention:	Rod Buenconsejo
Company Name:	Miami-Dade Aviation Department
Address:	P.O. Box 025504, Miami, Florida 33102-5504
Pace Quote:	
Pace Project Manager:	christina.raschke@pacelabs.com,
Pace Profile #:	9513

Regulatory Agency
State / Location
FL

MATRIX CODES: Drinking Water DW; Water WT; Waste Water WW; Product P; Soil/Solid SL; Oil OL; Wipe WP; Air AR; Other OT; Tissue TS

ITEM #	SAMPLE ID (One Character per box. (A-Z, 0-9 / , -) Sample Ids must be unique)	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED START DATE	COLLECTED START TIME	COLLECTED END DATE	COLLECTED END TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Other	Analyses Test Y/N	8260 VOA	TRPH FL-PRO	PAH by 8270 SIM (low vol)	Nickel	Cadmium	TCLP Cadmium	Lead	Chromium	Residual Chlorine (Y/N)	
1	Demo B704-SP 1R-5NC-4 (6-8')	SL	G	5/2/2022	1550	5/2/2022	1555		1			X											X					
2	Demo B704-SP 1R-5NC-4 (8-10')	SL	G	5/2/2022	1540	5/2/2022	1545		1			X											X					Run TCLP Cadmium if above 20.00 mg/kg
3	Demo B704-SP 1R-5NC-4 (10-12')	SL	G	5/2/2022	1530	5/2/2022	1535		1			X											X					
4																												
5																												
6																												
7																												
8																												
9																												
10																												

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS: TEMP in C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
5NC = 5-feet North of Pile C	Raymond Gonzalez / Nova Consulting, Inc.	5/3/2022		[illegible]	5/3/22	1350				
10NC = 10-feet North of Pile C	[illegible]	5/3/22	1645	[illegible]	5/3/22	1645				
	[illegible]	5/3/22	1901	CPT/FEDEX	5/3/22	2116	1.0	Y	Y	Y

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Ray Gonzalez / Julio Morales

SIGNATURE of SAMPLER: [signature]

DATE Signed: 5/3/2022

Sample Condition Upon Receipt Form (SCUR)

WO# : 35714551

Project #
Project Manager: PM: CTR
Client: CLIENT: 36-NOVCON
Due Date: 05/09/22

Date and Initials of person:
Examining contents:
Label:
Deliver: AM
pH:

Thermometer Used: T-393 Date: 5-3-22 Time: 2152 Initials: KPI

State of Origin: ☐ For WV projects, all containers verified to ≤6 °C

Cooler #1 Temp.°C	1.0 (Visual)	+0.0 (Correction Factor)	1.0 (Actual)	☐ Samples on ice, cooling process has begun
Cooler #2 Temp.°C	(Visual)	(Correction Factor)	(Actual)	☐ Samples on ice, cooling process has begun
Cooler #3 Temp.°C	(Visual)	(Correction Factor)	(Actual)	☐ Samples on ice, cooling process has begun
Cooler #4 Temp.°C	(Visual)	(Correction Factor)	(Actual)	☐ Samples on ice, cooling process has begun
Cooler #5 Temp.°C	(Visual)	(Correction Factor)	(Actual)	☐ Samples on ice, cooling process has begun
Cooler #6 Temp.°C	(Visual)	(Correction Factor)	(Actual)	☐ Samples on ice, cooling process has begun

Recheck for OOT °C (Visual) (Correction Factor) (Actual) Time: Initials:

Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☐ Client ☑ Commercial ☐ Pace ☐ Other

Shipping Method: ☐ First Overnight ☐ Priority Overnight ☐ Standard Overnight ☐ Ground ☐ International Priority ☐ Other

Billing: ☐ Recipient ☐ Sender ☐ Third Party ☐ Credit Card ☐ Unknown

Tracking #

Custody Seal on Cooler/Box Present: ☑ Yes ☐ No **Seals intact:** ☑ Yes ☐ No **Ice:** (Wet) Blue Melted None

Packing Material: ☑ Bubble Wrap ☐ Bubble Bags ☑ None ☐ Other

Samples shorted to lab (If Yes, complete) Shorted Date: Shorted Time: Qty:

		Comments:
Chain of Custody Present	☑ Yes ☐ No ☐ N/A	
Chain of Custody Filled Out	☑ Yes ☐ No ☐ N/A	
Relinquished Signature & Sampler Name COC	☑ Yes ☐ No ☐ N/A	
Samples Arrived within Hold Time	☑ Yes ☐ No ☐ N/A	
Rush TAT requested on COC	☐ Yes ☑ No ☐ N/A	
Sufficient Volume	☑ Yes ☐ No ☐ N/A	
Correct Containers Used	☑ Yes ☐ No ☐ N/A	
Containers Intact	☑ Yes ☐ No ☐ N/A	
Sample Labels match COC (sample IDs & date/time of collection)	☑ Yes ☐ No ☐ N/A	
All containers needing acid/base preservation have been checked.	☐ Yes ☐ No ☑ N/A	Preservation Information: Preservative:
All Containers needing preservation are found to be in compliance with EPA recommendation: Exceptions: Vials, Microbiology, O&G, PFAS	☐ Yes ☐ No ☑ N/A	Lot #/Trace #: Date: Time: Initials:
Headspace in VOA Vials? (>6mm):	☐ Yes ☐ No ☑ N/A	
Trip Blank Present:	☐ Yes ☐ No ☑ N/A	

Comments/ Resolution (use back for additional comments):

Qualtrax Document ID: 33786

Pace Analytical

Sample Condition Upon Receipt Form (SCUR)

WO#: 35714551

Project #
Project Manager: PM: CTR Due Date: 05/09/22
Client: CLIENT: 36-NOVCON

Date and Initials of person:
Examining contents:_____
Label:_____
Deliver:_____
pH:_____

Thermometer Used: T-391 Date: 05/03/2022 Time: 1645 Initials: AW

State of Origin:_____ ☐ For WV projects, all containers verified to ≤6 °C

Cooler #1 Temp.°C 4.0	(Visual) 0.0	(Correction Factor)	4.0 (Actual)	☑ Samples on ice, cooling process has begun
Cooler #2 Temp.°C_____	(Visual)_____	(Correction Factor)	_____(Actual)	☐ Samples on ice, cooling process has begun
Cooler #3 Temp.°C_____	(Visual)_____	(Correction Factor)	_____(Actual)	☐ Samples on ice, cooling process has begun
Cooler #4 Temp.°C_____	(Visual)_____	(Correction Factor)	_____(Actual)	☐ Samples on ice, cooling process has begun
Cooler #5 Temp.°C_____	(Visual)_____	(Correction Factor)	_____(Actual)	☐ Samples on ice, cooling process has begun
Cooler #6 Temp.°C_____	(Visual)_____	(Correction Factor)	_____(Actual)	☐ Samples on ice, cooling process has begun

Recheck for OOT °C _____(Visual) _____(Correction Factor) _____(Actual) Time:_____ Initials:_____

Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☑ Pace ☐ Other_____

Shipping Method: ☐ First Overnight ☐ Priority Overnight ☐ Standard Overnight ☐ Ground ☐ International Priority ☐ Other_____

Billing: ☐ Recipient ☐ Sender ☐ Third Party ☐ Credit Card ☐ Unknown

Tracking # _____

Custody Seal on Cooler/Box Present: ☐ Yes ☐ No **Seals intact:** ☐ Yes ☐ No **Ice:** (Wet) Blue Melted None

Packing Material: ☑ Bubble Wrap ☐ Bubble Bags ☐ None ☐ Other_____

Samples shorted to lab (If Yes, complete) Shorted Date:_____ Shorted Time:_____ Qty:_____

		Comments:
Chain of Custody Present	☑Yes ☐ No ☐N/A	
Chain of Custody Filled Out	☑Yes ☐ No ☐N/A	
Relinquished Signature & Sampler Name COC	☑Yes ☐ No ☐N/A	
Samples Arrived within Hold Time	☐Yes ☐ No ☐N/A	
Rush TAT requested on COC	☐Yes ☐ No ☐N/A	
Sufficient Volume	☐Yes ☐ No ☐N/A	
Correct Containers Used	☐Yes ☐ No ☐N/A	
Containers Intact	☐Yes ☐ No ☐N/A	
Sample Labels match COC (sample IDs & date/time of collection)	☐Yes ☐ No ☐N/A	
All containers needing acid/base preservation have been checked.	☐Yes ☐ No ☐N/A	Preservation Information: Preservative:_____
All Containers needing preservation are found to be in compliance with EPA recommendation: Exceptions: Vials, Microbiology, O&G, PFAS	☐Yes ☐ No ☐N/A	Lot #/Trace #:_____ Date:_____ Time:_____ Initials:_____
Headspace in VOA Vials? (>6mm):	☐Yes ☐ No ☐N/A	
Trip Blank Present:	☐Yes ☐ No ☐N/A	

Comments/ Resolution (use back for additional comments): _____

Nova Consulting

Soil Pile Summary Demo B704 SP 1R-5NC

Project Information

Project Name: West Cargo Fuel Tender Facility Relocation Project

Project Number: 040-01-06 (Nova Project Number)

Project Location: Miami International Airport (Airside)

Contractor: Cherokee Enterprises, Inc – Robert Haas

Soil Pile Information

Reason for Excavation: Building 704 Demolition

Stockpile: Demo B704 SP 1R-5NC

Approximate Cubic Yards: 111.1

Soil Lab Sampling Information

Date Sample: 4-26-22 & 5-2-2022

Soil Sample Collection Method: Discrete Samples

Sample ID(s): Demo B704 SP 1R-5NC-1, Demo B704 SP 1R-5NC-2 and Demo B704 SP 1R-5NC-3, and Demo B704 SP 1R-5NC-4

Number of Samples Collected: 23 Samples

Parameters Sampled: Cadmium (if results above 20 mg/kg, then TCLP Cd requested)

Laboratory Used: Pace Analytical

Turnaround time: Standard

Soil Pile Location Sketch

Figure 1: April 26 and May 2, 2022, Soil Pile Location

GPS Coordinates: Demo B704 SP 1R (25°47'46.13"N, 80°18'6.82"W)

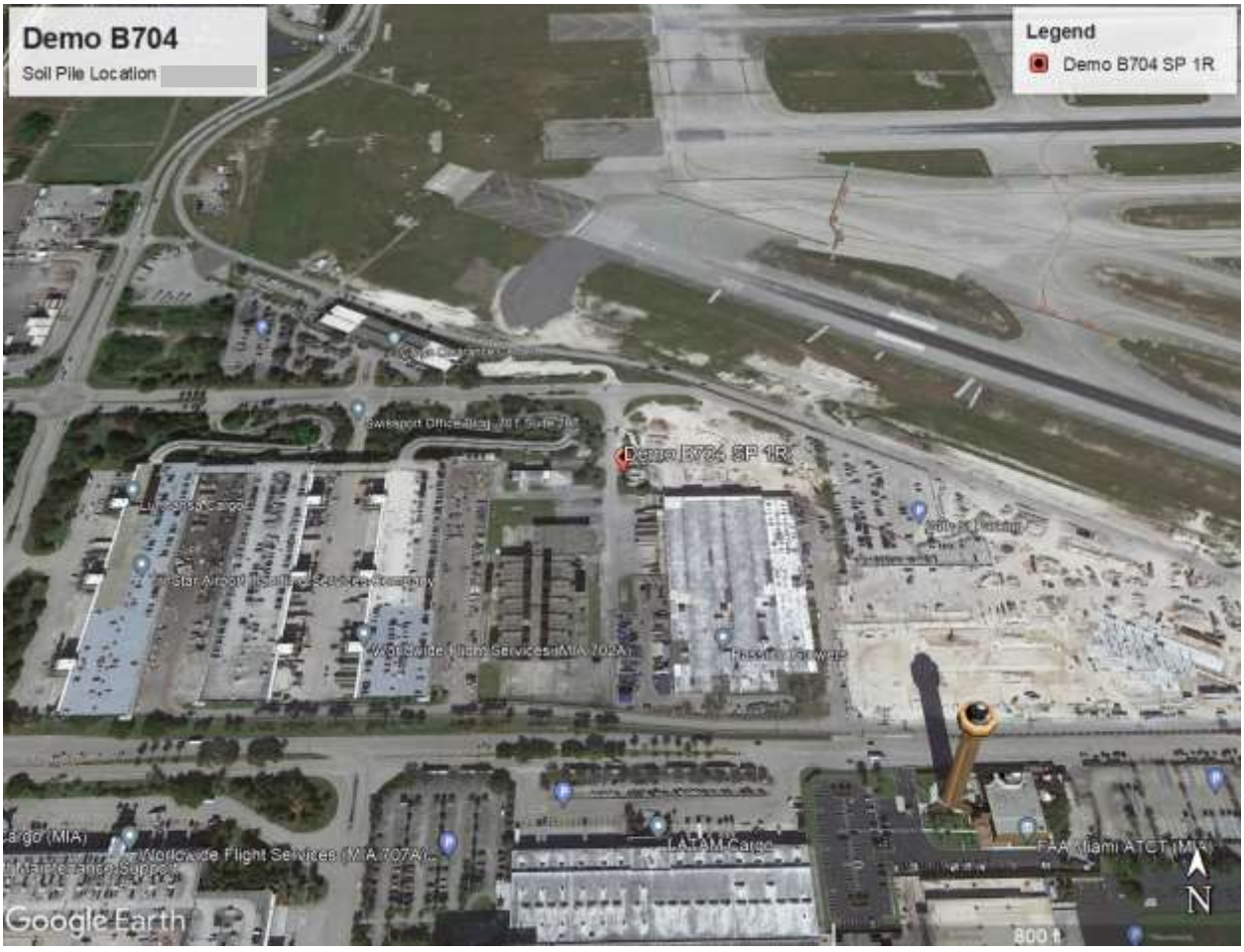
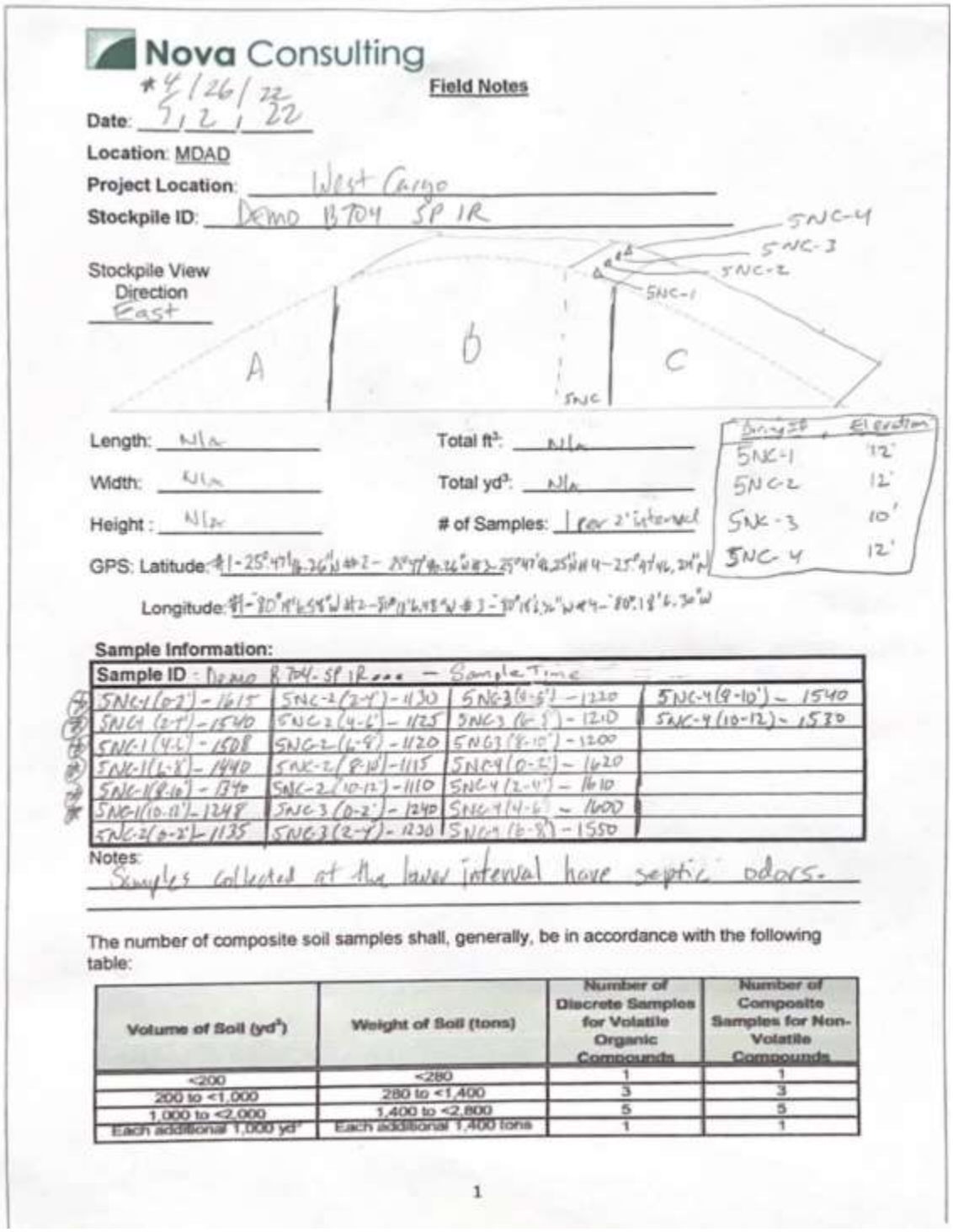


Figure 2: Soil Pile Source Location

Figure 3: April 26 and May 2, 2022

Field Notebook Notes Demo B704 SP 1R-5NC-1, -2, -3 and -4



Nova Consulting

Field Notes

#4/26/22

Date: 5/2/22

Location: MDAD

Project Location: West Cargo

Stockpile ID: Demo B704 SP 1R

Stockpile View Direction: East

Sample ID	Elevation
5NC-1	12'
5NC-2	12'
5NC-3	10'
5NC-4	12'

Length: N/A

Width: N/A

Height: N/A

Total ft³: N/A

Total yd³: N/A

# of Samples: 1 per 2' interval

GPS: Latitude: #1 - 25°47'8.76"N #2 - 25°47'8.36"N #3 - 25°47'8.25"N #4 - 25°47'8.24"N

Longitude: #1 - 80°18'6.58"W #2 - 80°18'6.48"W #3 - 80°18'6.34"W #4 - 80°18'6.30"W

Sample Information:

Sample ID : Demo B704-SP 1R ... — Sample Time			
5NC-4(0-2') - 1615	5NC-2(2-4') - 1130	5NC-3(0-2') - 1220	5NC-4(8-10') - 1540
5NC-4(2-4') - 1540	5NC-2(4-6') - 1125	5NC-3(2-4') - 1210	5NC-4(10-12') - 1530
5NC-1(4-6') - 1508	5NC-2(6-8') - 1120	5NC-3(4-6') - 1200	
5NC-1(6-8') - 1440	5NC-2(8-10') - 1115	5NC-4(0-2') - 1620	
5NC-1(8-10') - 1340	5NC-2(10-12') - 1110	5NC-4(2-4') - 1610	
5NC-1(10-11') - 1248	5NC-3(0-2') - 1240	5NC-4(4-6') - 1600	
5NC-2(0-2') - 1135	5NC-3(2-4') - 1230	5NC-4(6-8') - 1550	

Notes: Samples collected at the lower interval have septic odors.

The number of composite soil samples shall, generally, be in accordance with the following table:

Volume of Soil (yd³)	Weight of Soil (tons)	Number of Discrete Samples for Volatile Organic Compounds	Number of Composite Samples for Non-Volatile Compounds
<200	<280	1	1
200 to <1,000	280 to <1,400	3	3
1,000 to <2,000	1,400 to <2,800	5	5
Each additional 1,000 yd³	Each additional 1,400 tons	1	1

1

Figure 4: Soil Pile Before and After

Photo Facing East

DEMO B704 SP 1R_5NC-1 AND _5NC-2

DEMO B704 SP 1R_5NC-3 AND _5NC-4

BID TALLY SHEET

Solicitation Number: RTQ-01064-PO#8
Title: Miami International Airport Building 704 Hazardous Soil Removal
Bid Open Date: 9.16.22
Buyer: Juliana Manjarres
Bid Type: **Bid Preference $100K to $1 Million**
Bid/Other:

Note: When all prices are entered, highlight low priced vendor in yellow

Vendor Name:		Cherokee Enterprises, Inc		Cross Environmental Services, Inc/CES		DECON Environmental & Engineering, Inc		MCO Environmental, Inc	
Is the bid responsive (if no, state reason below):		Yes				Yes			
SBE-Micro Tier/ Vendor Preference		No				No			
Local Vendor (Yes/No)		Yes				No			
Local Headquarterd Vendor (Yes/No)		Yes				No			
Items being procured per current solicitation									
Item no.	**Description**	**Quantity**	**UOM**	**Unit Price**	**Extended Price**	**Unit Price**	**Extended Price**	**Unit Price**	**Extended Price**	**Unit Price**	**Extended Price**
1	Section A & Section B (Landfill Class 1) - Loading/Transporting ONLY	1300	Tons	$ 25.00	$ 32,500.00		$ -	$ 26.00	$ 33,800.00		$ -
2	Section C (Hazardous) - Loading/Transporting and Proper Disposal	700	Tons	$ 850.00	$ 595,000.00		$ -	$ 880.00	$ 616,000.00		$ -
Total Evaluated Price:					$ 627,500.00		$ -		$ 649,800.00		$ -
10% Contingency Allowance					$62,750.00				$64,980.00		
10% Dedicated Allowance Account for Proper Disposal					$62,750.00				$64,980.00		
Total Price:					$753,000.00				$779,760.00		

Identify Non-responsive vendors and reason/Comments:

Miami Dade Aviation Department
P O Box 025504
Miami, Florida 33102-5504

September 16, 2022

Amanuel Worku
Cherokee Enterprises, Inc.
12981 NW 113th Ct
Medley, FL 33178

Re: Recommendation for Award for RTQ-01064-PO#8, Miami International Airport – Building 704 Hazardous Soil Removal

Dear Mr. Worku,

In accordance with Sections 2-8.3 and 2-8.4 of the Code of Miami-Dade County and Implementing Order 3-21, this letter serves to notify you that your firm has been recommended for award of the referenced Project based on the bid submitted on September 16, 2022. Pursuant to the referenced legislation, the three (3) day protest period shall commence upon the filing of this recommendation to award with the Clerk of the Board. This contract award will be effective only in accordance with the conditions of the solicitation, which requires execution by both parties of the Notice to Proceed (NTP).

The value at award is **$753,000.00**. This includes your base bid amount of **$627,500.00,** a **Dedicated allowance for Proposer Disposal** amount of **$62,750.00** and a **Contingency Allowance** amount of **$62,750.00**. The contract term is **180** calendar days. The award is contingent upon following:

1. Submit Insurance Certificates listing the required coverage for Workers Compensation, Automobile Liability, Commercial Liability, and Pollution Liability as required in Section 12.3, Insurance, of the RTQ.

2. Sign and return Non-Collusion Affidavit (Attachment 1) attached to this award letter.

3. The Utilization Plan must be submitted in BMWS for approval to identify the SBEs that will be utilized in this Project to meet the requirements under Section 2.9 of the RTQ. Proof of submission is required.

4. Community Workforce Program (CWP): Pursuant to Section 2.9, Contract Measures, of the RTQ, the Contractor shall comply with 10 percent of the CMP as required by the Community Workforce Program provisions, Special Provisions 3.

5. VERIFICATION OF EMPLOYMENT ELIGIBILITY (E-VERIFY)
By entering the Contract, the Awarded Bidder becomes obligated to comply with the provisions of Section 448.095, Florida Statute, titled "Verification of Employment Eligibility." This includes but is not limited to utilization of the U.S. Department of Homeland Security's E-Verify System to verify the employment eligibility of all newly hired employees by the Awarded Bidder effective, January 1, 2021, and requiring all Subcontractors to provide an affidavit attesting that the Subcontractor does not employ, contract with, or subcontract with, an unauthorized alien. Failure to comply may lead to termination of this Awarded Bidder, or if a Subcontractor knowingly violates the statute, the subcontract must

Miami Dade Aviation Department
P O Box 025504
Miami, Florida 33102-5504

be terminated immediately. Any challenge to termination under this provision must be filed in the Circuit Court no later than twenty (20) calendar days after the date of termination. If this Contract is terminated for a violation of the statute by the Awarded Bidder, the Awarded Bidder may not be awarded a public contract for a period of one year after the date of termination, and the Awarded Bidder may be liable for any additional costs incurred by the County resulting from the termination of the Contract. Public and private employers must enroll in the E-Verify System (http://www.uscis.gov/e-verify) and retain the I-9 Forms for inspection

The preceding Documents are required as outlined within the RTQ project specification. They must be submitted to the Aviation Department within **5 business** days of receipt of this letter.

This letter shall also serve as a reminder that all work must be performed in accordance with the scope of work and contract terms and conditions, all permits and inspections and in accordance with all applicable Federal, State, and local laws, codes and regulations.

Should you have any questions please contact Juliana Manjarres at 305-869-3010 or via email at jmanjarres@flymia.com.

Thank you,

Juliana Manjarres
Airport Purchasing Specialist

Purchase Order

AVIATION DEPARTMENT

4200 NW 36TH Street
Miami FL 33102
United States

Dispatch via Print

Purchase Order	Date	Revision	Page
AVIAT-0000056383	10/28/2022		1
Payment Terms	**Freight Terms**		**Ship Via**
N30	Destination		Common Carrier
Buyer	**Phone**		**Currency**
JULIANA MANJARRES - MDAD			

Supplier: 0000001264
CHEROKEE ENTERPRISES INC
14474 COMMERCE WAY
MIAMI LAKES FL 33016

Ship To: 1C30401C
Warehouse Bldg 3040
4331 NW 22nd Street
Miami FL 33122
United States

Attention: See Detail Below

Bill To: Accounts Payable
P.O. Box 526624
MIAMI FL 33152-6624
United States

Tax Exempt? Y **Tax Exempt ID:** 59-6000573 **Replenishment Option:** Standard

Line-Sch	Item/Description	Mfg ID	Quantity	UOM	PO Price	Extended Amt	Due Date
1- 1	Contract No. RTQ-01064-PO#8 Section A 7 Section B (Landfill Class 1) - Loading/Transporting ONLY MIA Bldg. 704 Contaminated Soil Hazardous Material Removal Attn: VIVIAN Reina GONZALEZ-MDAD		1.00	EA	32,500.00	32,500.00	10/28/2022
	Contract ID: RTQ-01064		Contract Line: 0		Category Line: 0	Release: 10	
	Item Total					32,500.00	
2- 1	Contract No. RTQ-01064-PO#8 Section C - Hazardous - Loading/Transporting and Proper Disposal Attn: Not Specified		1.00	JB	595,000.00	595,000.00	10/28/2022
	Contract ID: RTQ-01064		Contract Line: 0		Category Line: 0	Release: 11	
	Item Total					595,000.00	
3- 1	Contract No. RTQ-01064-PO#8 10% Contingency Allowance Attn: Not Specified		1.00	JB	62,750.00	62,750.00	10/28/2022
	Contract ID: RTQ-01064		Contract Line: 0		Category Line: 0	Release: 12	
	Item Total					62,750.00	
4- 1	Contract No. RTQ-01064-PO#8 10% Dedicated Allowance Account for Proper Disposal Attn: Not Specified		1.00	JB	62,750.00	62,750.00	10/28/2022
	Contract ID: RTQ-01064		Contract Line: 0		Category Line: 0	Release: 13	
	Item Total					62,750.00	

Note: All Chemical and hazardous material orders must be delivered with a copy of the most recent available MSDS for the product. Failure to do so, may result in the refusal of acceptance of the material or product.

Authorized Signature

Purchase Order

AVIATION DEPARTMENT

4200 NW 36TH Street
Miami FL 33102
United States

Dispatch via Print

Purchase Order	Date	Revision	Page
AVIAT-0000056383	10/28/2022		2
Payment Terms	**Freight Terms**		**Ship Via**
N30	Destination		Common Carrier
Buyer	**Phone**		**Currency**
JULIANA MANJARRES - MDAD			

Supplier: 0000001264
CHEROKEE ENTERPRISES INC
14474 COMMERCE WAY
MIAMI LAKES FL 33016

Ship To: 1C30401C
Warehouse Bldg 3040
4331 NW 22nd Street
Miami FL 33122
United States

Attention: See Detail Below

Bill To: Accounts Payable
P.O. Box 526624
MIAMI FL 33152-6624
United States

Tax Exempt? Y **Tax Exempt ID:** 59-6000573 **Replenishment Option:** Standard

Line-Sch	Item/Description	Mfg ID	Quantity UOM	PO Price	Extended Amt	Due Date

Total PO Amount 753,000.00

Note: All Chemical and hazardous material orders must be delivered with a copy of the most recent available MSDS for the product. Failure to do so, may result in the refusal of acceptance of the material or product.

Authorized Signature

Juliana Manjarres