

LAB CHRONICLE

OrderID:	Q3399	OrderDate:	10/20/2025 1:23:08 PM
Client:	ICE Service Group, Inc.	Project:	NWIRP Northrup Grumman Site – Bethpage, NY
Contact:	Dennis D. Morgan, II	Location:	D41,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3399-01	COMP-ROLLOFF	SOIL	SVOC-TCL BNA -20	8270E	10/20/25	10/22/25	10/22/25	10/20/25
Q3399-02	COMP-ROLLOFF	TCLP	TCLP BNA	8270E	10/20/25	10/22/25	10/22/25	10/20/25



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

Hit Summary Sheet
SW-846

SDG No.: Q3399
Client: ICE Service Group, Inc.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Client ID :				0.000					
Total Svoc :					0.00				
Total Concentration:					0.00				



SAMPLE DATA

Report of Analysis

Client: ICE Service Group, Inc.
Project: NWIRP Northrup Grumman Site – Bethpage, NY
Client Sample ID: PB170172TB
Lab Sample ID: PB170172TB
Analytical Method: 8270E Level : LOW
Sample Wt/Vol: 100 mL Final Vol: 1000 uL
Prep Method : SW3510C Prep Date: 10/22/25

Date Collected: 10/22/25
Date Received: 10/22/25
SDG No.: Q3399
Matrix: TCLP
% Solid: 0
Test: TCLP BNA

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS										
110-86-1	Pyridine	40.0	U	1	12.8	40.0	50.0	ug/L	10/22/25 18:36	PB170216
106-46-7	1,4-Dichlorobenzene	40.0	U	1	5.30	40.0	50.0	ug/L	10/22/25 18:36	PB170216
95-48-7	2-Methylphenol	40.0	U	1	11.2	40.0	50.0	ug/L	10/22/25 18:36	PB170216
65794-96-9	3+4-Methylphenols	80.0	U	1	11.0	80.0	100	ug/L	10/22/25 18:36	PB170216
67-72-1	Hexachloroethane	40.0	U	1	6.50	40.0	50.0	ug/L	10/22/25 18:36	PB170216
98-95-3	Nitrobenzene	40.0	U	1	7.60	40.0	50.0	ug/L	10/22/25 18:36	PB170216
87-68-3	Hexachlorobutadiene	40.0	U	1	5.40	40.0	50.0	ug/L	10/22/25 18:36	PB170216
88-06-2	2,4,6-Trichlorophenol	40.0	U	1	5.10	40.0	50.0	ug/L	10/22/25 18:36	PB170216
95-95-4	2,4,5-Trichlorophenol	40.0	U	1	6.20	40.0	50.0	ug/L	10/22/25 18:36	PB170216
121-14-2	2,4-Dinitrotoluene	40.0	U	1	12.2	40.0	50.0	ug/L	10/22/25 18:36	PB170216
118-74-1	Hexachlorobenzene	40.0	U	1	5.20	40.0	50.0	ug/L	10/22/25 18:36	PB170216
87-86-5	Pentachlorophenol	80.0	U	1	15.8	80.0	100	ug/L	10/22/25 18:36	PB170216
SURROGATES										
367-12-4	2-Fluorophenol	146			19 - 119		98%	SPK: 150		
13127-88-3	Phenol-d6	136			10 - 130		91%	SPK: 150		
4165-60-0	Nitrobenzene-d5	80.4			44 - 120		80%	SPK: 100		
321-60-8	2-Fluorobiphenyl	77.1			44 - 119		77%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	129			43 - 140		86%	SPK: 150		
1718-51-0	Terphenyl-d14	89.0			50 - 134		89%	SPK: 100		
INTERNAL STANDARDS										
		Area Count								
3855-82-1	1,4-Dichlorobenzene-d4	158000								
1146-65-2	Naphthalene-d8	655000								
15067-26-2	Acenaphthene-d10	478000								
1517-22-2	Phenanthrene-d10	1020000								
1719-03-5	Chrysene-d12	810000								
1520-96-3	Perylene-d12	659000								

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client: ICE Service Group, Inc.
Project: NWIRP Northrup Grumman Site – Bethpage, NY
Client Sample ID: COMP-ROLLOFF
Lab Sample ID: Q3399-02
Analytical Method: 8270E Level : LOW
Sample Wt/Vol: 100 mL Final Vol: 1000 uL
Prep Method : SW3510C Prep Date: 10/22/25

Date Collected: 10/20/25
Date Received: 10/20/25
SDG No.: Q3399
Matrix: TCLP
% Solid: 0
Test: TCLP BNA

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS										
110-86-1	Pyridine	40.0	U	1	12.8	40.0	50.0	ug/L	10/22/25 21:20	PB170216
106-46-7	1,4-Dichlorobenzene	40.0	U	1	5.30	40.0	50.0	ug/L	10/22/25 21:20	PB170216
95-48-7	2-Methylphenol	40.0	U	1	11.2	40.0	50.0	ug/L	10/22/25 21:20	PB170216
65794-96-9	3+4-Methylphenols	80.0	U	1	11.0	80.0	100	ug/L	10/22/25 21:20	PB170216
67-72-1	Hexachloroethane	40.0	U	1	6.50	40.0	50.0	ug/L	10/22/25 21:20	PB170216
98-95-3	Nitrobenzene	40.0	U	1	7.60	40.0	50.0	ug/L	10/22/25 21:20	PB170216
87-68-3	Hexachlorobutadiene	40.0	U	1	5.40	40.0	50.0	ug/L	10/22/25 21:20	PB170216
88-06-2	2,4,6-Trichlorophenol	40.0	U	1	5.10	40.0	50.0	ug/L	10/22/25 21:20	PB170216
95-95-4	2,4,5-Trichlorophenol	40.0	U	1	6.20	40.0	50.0	ug/L	10/22/25 21:20	PB170216
121-14-2	2,4-Dinitrotoluene	40.0	U	1	12.2	40.0	50.0	ug/L	10/22/25 21:20	PB170216
118-74-1	Hexachlorobenzene	40.0	U	1	5.20	40.0	50.0	ug/L	10/22/25 21:20	PB170216
87-86-5	Pentachlorophenol	80.0	UM	1	15.8	80.0	100	ug/L	10/22/25 21:20	PB170216
SURROGATES										
367-12-4	2-Fluorophenol	120			19 - 119		80%	SPK: 150		
13127-88-3	Phenol-d6	101			10 - 130		67%	SPK: 150		
4165-60-0	Nitrobenzene-d5	78.0			44 - 120		78%	SPK: 100		
321-60-8	2-Fluorobiphenyl	70.9			44 - 119		71%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	116			43 - 140		77%	SPK: 150		
1718-51-0	Terphenyl-d14	87.5			50 - 134		88%	SPK: 100		
INTERNAL STANDARDS										
		Area Count								
3855-82-1	1,4-Dichlorobenzene-d4	162000								
1146-65-2	Naphthalene-d8	655000								
15067-26-2	Acenaphthene-d10	467000								
1517-22-2	Phenanthrene-d10	949000								
1719-03-5	Chrysene-d12	663000								
1520-96-3	Perylene-d12	691000								

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products



QC SUMMARY

Surrogate Summary

SW-846

SDG No.: Q3399

Client: ICE Service Group, Inc.

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
							Low	High
PB170172TB	PB170172TB	2-Fluorophenol	150	146	98		19	119
		Phenol-d6	150	136	91		10	130
		Nitrobenzene-d5	100	80.4	80		44	120
		2-Fluorobiphenyl	100	77.1	77		44	119
		2,4,6-Tribromophenol	150	129	86		43	140
		Terphenyl-d14	100	89.0	89		50	134
PB170216BL	PB170216BL	2-Fluorophenol	150	151	101		19	119
		Phenol-d6	150	142	95		10	130
		Nitrobenzene-d5	100	78.7	79		44	120
		2-Fluorobiphenyl	100	76.6	77		44	119
		2,4,6-Tribromophenol	150	131	87		43	140
		Terphenyl-d14	100	80.4	80		50	134
PB170216BS	PB170216BS	2-Fluorophenol	150	140	93		19	119
		Phenol-d6	150	138	92		10	130
		Nitrobenzene-d5	100	72.9	73		44	120
		2-Fluorobiphenyl	100	69.3	69		44	119
		2,4,6-Tribromophenol	150	119	79		43	140
		Terphenyl-d14	100	83.4	83		50	134
Q3368-06MS	OUTSIDE-DUMPSTERMS	2-Fluorophenol	150	148	99		19	119
		Phenol-d6	150	141	94		10	130
		Nitrobenzene-d5	100	85.5	85		44	120
		2-Fluorobiphenyl	100	74.5	75		44	119
		2,4,6-Tribromophenol	150	140	94		43	140
		Terphenyl-d14	100	72.8	73		50	134
Q3368-06MSD	OUTSIDE-DUMPSTERMSD	2-Fluorophenol	150	145	97		19	119
		Phenol-d6	150	137	91		10	130
		Nitrobenzene-d5	100	83.9	84		44	120
		2-Fluorobiphenyl	100	76.9	77		44	119
		2,4,6-Tribromophenol	150	125	83		43	140
		Terphenyl-d14	100	66.0	66		50	134
Q3399-02	COMP-ROLLOFF	2-Fluorophenol	150	120	80		19	119
		Phenol-d6	150	101	67		10	130
		Nitrobenzene-d5	100	78.0	78		44	120
		2-Fluorobiphenyl	100	70.9	71		44	119
		2,4,6-Tribromophenol	150	116	77		43	140
		Terphenyl-d14	100	87.5	88		50	134

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3399

Analytical Method: SW8270E

Client: ICE Service Group, Inc.

DataFile: BP026006.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: Q3368-06MS		Client Sample ID: OUTSIDE-DUMPSTERMS									
Pyridine	500	0	370	ug/L	74				10	153	
1,4-Dichlorobenzene	500	0	400	ug/L	80				29	112	
2-Methylphenol	500	0	530	ug/L	106				30	117	
3+4-Methylphenols	500	0	520	ug/L	104				29	110	
Hexachloroethane	500	0	390	ug/L	78				21	115	
Nitrobenzene	500	0	470	ug/L	94				45	121	
Hexachlorobutadiene	500	0	410	ug/L	82				22	124	
2,4,6-Trichlorophenol	500	0	510	ug/L	102				50	125	
2,4,5-Trichlorophenol	500	0	530	ug/L	106				53	123	
2,4-Dinitrotoluene	500	0	530	ug/L	106				57	128	
Hexachlorobenzene	500	0	460	ug/L	92				53	125	
Pentachlorophenol	1000	0	1100	ug/L	110				35	138	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3399

Analytical Method: SW8270E

Client: ICE Service Group, Inc.

DataFile: BP026007.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: Q3368-06MSD		Client Sample ID: OUTSIDE-DUMPSTERMSD									
Pyridine	500	0	340	ug/L	68	8			10	153	20
1,4-Dichlorobenzene	500	0	390	ug/L	78	3			29	112	20
2-Methylphenol	500	0	510	ug/L	102	4			30	117	20
3+4-Methylphenols	500	0	490	ug/L	98	6			29	110	20
Hexachloroethane	500	0	390	ug/L	78	0			21	115	20
Nitrobenzene	500	0	460	ug/L	92	2			45	121	20
Hexachlorobutadiene	500	0	400	ug/L	80	2			22	124	20
2,4,6-Trichlorophenol	500	0	500	ug/L	100	2			50	125	20
2,4,5-Trichlorophenol	500	0	500	ug/L	100	6			53	123	20
2,4-Dinitrotoluene	500	0	490	ug/L	98	8			57	128	20
Hexachlorobenzene	500	0	470	ug/L	94	2			53	125	20
Pentachlorophenol	1000	0	980	ug/L	98	12			35	138	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3399

Analytical Method: 8270E

Client: ICE Service Group, Inc.

DataFile: BP026003.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB170216BS	Pyridine	50	35.7	ug/L	71				10	153	
	1,4-Dichlorobenzene	50	42.6	ug/L	85				29	112	
	2-Methylphenol	50	50.9	ug/L	102				30	117	
	3+4-Methylphenols	50	49.5	ug/L	99				29	110	
	Hexachloroethane	50	42.5	ug/L	85				21	115	
	Nitrobenzene	50	45.3	ug/L	91				45	121	
	Hexachlorobutadiene	50	41.2	ug/L	82				22	124	
	2,4,6-Trichlorophenol	50	45.6	ug/L	91				50	125	
	2,4,5-Trichlorophenol	50	47.0	ug/L	94				53	123	
	2,4-Dinitrotoluene	50	47.2	ug/L	94				57	128	
	Hexachlorobenzene	50	42.2	ug/L	84				53	125	
	Pentachlorophenol	100	94.1	ug/L	94				35	138	

4B

SEMIVOLATILE METHOD BLANK SUMMARY

Client ID

PB170216BL

Lab Name: Alliance

Contract: ICES02

Lab Code: ACE

SDG NO.: Q3399

Lab File ID: BP026002.D

Lab Sample ID: PB170216BL

Instrument ID: BNA_P

Date Extracted: 10/22/2025

Matrix: (soil/water) water

Date Analyzed: 10/22/2025

Level: (low/med) LOW

Time Analyzed: 17:14

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB170216BS	PB170216BS	BP026003.D	10/22/2025
OUTSIDE-DUMPSTERMS	Q3368-06MS	BP026006.D	10/22/2025
OUTSIDE-DUMPSTERMSD	Q3368-06MSD	BP026007.D	10/22/2025
COMP-ROLLOFF	Q3399-02	BP026008.D	10/22/2025
PB170172TB	PB170172TB	BP026004.D	10/22/2025

COMMENTS: _____

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance
Lab Code: ACE
Lab File ID: BP025971.D
Instrument ID: BNA_P

Contract: ICES02
SDG NO.: Q3399
DFTPP Injection Date: 10/15/2025
DFTPP Injection Time: 11:04

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.6 (1.8) 1
69	Mass 69 relative abundance	31.4
70	Less than 2.0% of mass 69	0.2 (0.6) 1
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
365	Greater than 1% of mass 198	3.6
441	Present, but less than mass 443	14.3
442	Greater than 50% of mass 198	92.9
443	15.0 - 24.0% of mass 442	18 (19.3) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDICC2.5	SSTDICC2.5	BP025972.D	10/15/2025	11:45
SSTDICC005	SSTDICC005	BP025973.D	10/15/2025	12:26
SSTDICC010	SSTDICC010	BP025974.D	10/15/2025	13:07
SSTDICC020	SSTDICC020	BP025975.D	10/15/2025	13:48
SSTDICCC040	SSTDICCC040	BP025976.D	10/15/2025	14:29
SSTDICC050	SSTDICC050	BP025977.D	10/15/2025	15:51
SSTDICC060	SSTDICC060	BP025978.D	10/15/2025	17:13
SSTDICC080	SSTDICC080	BP025979.D	10/15/2025	18:35

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance
Lab Code: ACE
Lab File ID: BP026000.D
Instrument ID: BNA_P

Contract: ICES02
SDG NO.: Q3399
DFTPP Injection Date: 10/22/2025
DFTPP Injection Time: 15:52

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.7 (1.8) 1
69	Mass 69 relative abundance	36.6
70	Less than 2.0% of mass 69	0.2 (0.5) 1
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
365	Greater than 1% of mass 198	3.6
441	Present, but less than mass 443	11.3
442	Greater than 50% of mass 198	71.5
443	15.0 - 24.0% of mass 442	14.1 (19.8) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BP026001.D	10/22/2025	16:33
PB170216BL	PB170216BL	BP026002.D	10/22/2025	17:14
PB170216BS	PB170216BS	BP026003.D	10/22/2025	17:55
PB170172TB	PB170172TB	BP026004.D	10/22/2025	18:36
OUTSIDE-DUMPSTERMS	Q3368-06MS	BP026006.D	10/22/2025	19:58
OUTSIDE-DUMPSTERMSD	Q3368-06MSD	BP026007.D	10/22/2025	20:39
COMP-ROLLOFF	Q3399-02	BP026008.D	10/22/2025	21:20

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE

SDG NO.: Q3399

Client ID : SSTDCCC040

Date Analyzed: 10/22/2025

Lab File ID: BP026001.D

Time Analyzed: 16:33

Instrument ID: BNA_P

GC Column: ZB-GR ID: 0.25 (mm)

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	168370	7.696	761230	10.47	536314	14.32
UPPER LIMIT	336740	8.196	1522460	10.966	1072630	14.819
LOWER LIMIT	84185	7.196	380615	9.966	268157	13.819
EPA SAMPLE NO.						
01 PB170216BL	155512	7.70	659805	10.48	488964	14.33
02 PB170216BS	157158	7.69	711577	10.46	515285	14.32
03 PB170172TB	158418	7.70	655423	10.47	478330	14.33
04 OUTSIDE-DUMPSTERMS	151873	7.70	669626	10.45	496531	14.32
05 OUTSIDE-DUMPSTERMSD	161283	7.70	704129	10.45	487784	14.32
06 COMP-ROLLOFF	161883	7.70	654901	10.46	467312	14.33

IS1 (DCB) = 1,4-Dichlorobenzene-d4

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE

SDG NO.: Q3399

Client ID: SSTDCCC040

Date Analyzed: 10/22/2025

Lab File ID: BP026001.D

Time Analyzed: 16:33

Instrument ID: BNA_P

GC Column: ZB-GR ID: 0.25 (mm)

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	1039540	17.136	757701	21.589	741579	24.942
UPPER LIMIT	2079080	17.636	1515400	22.089	1483160	25.442
LOWER LIMIT	519770	16.636	378851	21.089	370790	24.442
EPA SAMPLE NO.						
01 PB170216BL	1075570	17.14	1037000	21.60	885650	24.95
02 PB170216BS	1020670	17.13	759603	21.57	736047	24.92
03 PB170172TB	1022180	17.14	810364	21.59	659354	24.94
04 OUTSIDE-DUMPSTERMS	1001020	17.13	716871	21.58	678648	24.91
05 OUTSIDE-DUMPSTERMSD	880724	17.13	591108	21.58	690323	24.92
06 COMP-ROLLOFF	948799	17.14	663420	21.59	691050	24.94

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.

* Values outside of QC limits.



QC SAMPLE DATA

Report of Analysis

Client: ICE Service Group, Inc.
Project: NWIRP Northrup Grumman Site – Bethpage, NY
Client Sample ID: PB170216BL
Lab Sample ID: PB170216BL
Analytical Method: 8270E Level : LOW
Sample Wt/Vol: 1000 mL Final Vol: 1000 uL
Prep Method : Prep Date: 10/22/25

Date Collected:
Date Received:
SDG No.: Q3399
Matrix: TCLP
% Solid: 0
Test: TCLP BNA

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS										
110-86-1	Pyridine	4.00	U	1	1.30	4.00	5.00	ug/L	10/22/25 17:14	PB170216
106-46-7	1,4-Dichlorobenzene	4.00	U	1	0.53	4.00	5.00	ug/L	10/22/25 17:14	PB170216
95-48-7	2-Methylphenol	4.00	U	1	1.10	4.00	5.00	ug/L	10/22/25 17:14	PB170216
65794-96-9	3+4-Methylphenols	8.00	U	1	1.10	8.00	10.0	ug/L	10/22/25 17:14	PB170216
67-72-1	Hexachloroethane	4.00	U	1	0.65	4.00	5.00	ug/L	10/22/25 17:14	PB170216
98-95-3	Nitrobenzene	4.00	U	1	0.76	4.00	5.00	ug/L	10/22/25 17:14	PB170216
87-68-3	Hexachlorobutadiene	4.00	U	1	0.54	4.00	5.00	ug/L	10/22/25 17:14	PB170216
88-06-2	2,4,6-Trichlorophenol	4.00	U	1	0.51	4.00	5.00	ug/L	10/22/25 17:14	PB170216
95-95-4	2,4,5-Trichlorophenol	4.00	U	1	0.62	4.00	5.00	ug/L	10/22/25 17:14	PB170216
121-14-2	2,4-Dinitrotoluene	4.00	U	1	1.20	4.00	5.00	ug/L	10/22/25 17:14	PB170216
118-74-1	Hexachlorobenzene	4.00	U	1	0.52	4.00	5.00	ug/L	10/22/25 17:14	PB170216
87-86-5	Pentachlorophenol	8.00	U	1	1.60	8.00	10.0	ug/L	10/22/25 17:14	PB170216
SURROGATES										
367-12-4	2-Fluorophenol	151			19 - 119		101%	SPK: 150		
13127-88-3	Phenol-d6	142			10 - 130		95%	SPK: 150		
4165-60-0	Nitrobenzene-d5	78.7			44 - 120		79%	SPK: 100		
321-60-8	2-Fluorobiphenyl	76.6			44 - 119		77%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	131			43 - 140		87%	SPK: 150		
1718-51-0	Terphenyl-d14	80.4			50 - 134		80%	SPK: 100		
INTERNAL STANDARDS										
		Area Count								
3855-82-1	1,4-Dichlorobenzene-d4	156000								
1146-65-2	Naphthalene-d8	660000								
15067-26-2	Acenaphthene-d10	489000								
1517-22-2	Phenanthrene-d10	1080000								
1719-03-5	Chrysene-d12	1040000								
1520-96-3	Perylene-d12	886000								

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client: ICE Service Group, Inc.
Project: NWIRP Northrup Grumman Site – Bethpage, NY
Client Sample ID: PB170216BS
Lab Sample ID: PB170216BS
Analytical Method: 8270E Level : LOW
Sample Wt/Vol: 1000 mL Final Vol: 1000 uL
Prep Method : Prep Date: 10/22/25

Date Collected:
Date Received:
SDG No.: Q3399
Matrix: TCLP
% Solid: 0
Test: TCLP BNA

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS										
110-86-1	Pyridine	35.7		1	1.30	4.00	5.00	ug/L	10/22/25 17:55	PB170216
106-46-7	1,4-Dichlorobenzene	42.6		1	0.53	4.00	5.00	ug/L	10/22/25 17:55	PB170216
95-48-7	2-Methylphenol	50.9		1	1.10	4.00	5.00	ug/L	10/22/25 17:55	PB170216
65794-96-9	3+4-Methylphenols	49.5		1	1.10	8.00	10.0	ug/L	10/22/25 17:55	PB170216
67-72-1	Hexachloroethane	42.5		1	0.65	4.00	5.00	ug/L	10/22/25 17:55	PB170216
98-95-3	Nitrobenzene	45.3		1	0.76	4.00	5.00	ug/L	10/22/25 17:55	PB170216
87-68-3	Hexachlorobutadiene	41.2		1	0.54	4.00	5.00	ug/L	10/22/25 17:55	PB170216
88-06-2	2,4,6-Trichlorophenol	45.6		1	0.51	4.00	5.00	ug/L	10/22/25 17:55	PB170216
95-95-4	2,4,5-Trichlorophenol	47.0		1	0.62	4.00	5.00	ug/L	10/22/25 17:55	PB170216
121-14-2	2,4-Dinitrotoluene	47.2		1	1.20	4.00	5.00	ug/L	10/22/25 17:55	PB170216
118-74-1	Hexachlorobenzene	42.2		1	0.52	4.00	5.00	ug/L	10/22/25 17:55	PB170216
87-86-5	Pentachlorophenol	94.1	E	1	1.60	8.00	10.0	ug/L	10/22/25 17:55	PB170216
SURROGATES										
367-12-4	2-Fluorophenol	140			19 - 119		93%	SPK: 150		
13127-88-3	Phenol-d6	138			10 - 130		92%	SPK: 150		
4165-60-0	Nitrobenzene-d5	72.9			44 - 120		73%	SPK: 100		
321-60-8	2-Fluorobiphenyl	69.3			44 - 119		69%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	119			43 - 140		79%	SPK: 150		
1718-51-0	Terphenyl-d14	83.4			50 - 134		83%	SPK: 100		
INTERNAL STANDARDS										
		Area Count								
3855-82-1	1,4-Dichlorobenzene-d4	157000								
1146-65-2	Naphthalene-d8	712000								
15067-26-2	Acenaphthene-d10	515000								
1517-22-2	Phenanthrene-d10	1020000								
1719-03-5	Chrysene-d12	760000								
1520-96-3	Perylene-d12	736000								

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client: ICE Service Group, Inc.
Project: NWIRP Northrup Grumman Site – Bethpage, NY
Client Sample ID: OUTSIDE-DUMPSTERMS
Lab Sample ID: Q3368-06MS
Analytical Method: 8270E Level : LOW
Sample Wt/Vol: 100 mL Final Vol: 1000 uL
Prep Method : Prep Date: 10/22/25

Date Collected: 10/16/25
Date Received: 10/16/25
SDG No.: Q3399
Matrix: TCLP
% Solid: 0
Test: TCLP BNA

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS										
110-86-1	Pyridine	370		1	12.8	40.0	50.0	ug/L	10/22/25 19:58	PB170216
106-46-7	1,4-Dichlorobenzene	400		1	5.30	40.0	50.0	ug/L	10/22/25 19:58	PB170216
95-48-7	2-Methylphenol	530		1	11.2	40.0	50.0	ug/L	10/22/25 19:58	PB170216
65794-96-9	3+4-Methylphenols	520		1	11.0	80.0	100	ug/L	10/22/25 19:58	PB170216
67-72-1	Hexachloroethane	390		1	6.50	40.0	50.0	ug/L	10/22/25 19:58	PB170216
98-95-3	Nitrobenzene	470		1	7.60	40.0	50.0	ug/L	10/22/25 19:58	PB170216
87-68-3	Hexachlorobutadiene	410		1	5.40	40.0	50.0	ug/L	10/22/25 19:58	PB170216
88-06-2	2,4,6-Trichlorophenol	510		1	5.10	40.0	50.0	ug/L	10/22/25 19:58	PB170216
95-95-4	2,4,5-Trichlorophenol	530		1	6.20	40.0	50.0	ug/L	10/22/25 19:58	PB170216
121-14-2	2,4-Dinitrotoluene	530		1	12.2	40.0	50.0	ug/L	10/22/25 19:58	PB170216
118-74-1	Hexachlorobenzene	460		1	5.20	40.0	50.0	ug/L	10/22/25 19:58	PB170216
87-86-5	Pentachlorophenol	1100	E	1	15.8	80.0	100	ug/L	10/22/25 19:58	PB170216
SURROGATES										
367-12-4	2-Fluorophenol	148			19 - 119		99%	SPK: 150		
13127-88-3	Phenol-d6	141			10 - 130		94%	SPK: 150		
4165-60-0	Nitrobenzene-d5	85.5			44 - 120		85%	SPK: 100		
321-60-8	2-Fluorobiphenyl	74.5			44 - 119		75%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	140			43 - 140		94%	SPK: 150		
1718-51-0	Terphenyl-d14	72.8			50 - 134		73%	SPK: 100		
INTERNAL STANDARDS										
		Area Count								
3855-82-1	1,4-Dichlorobenzene-d4	152000								
1146-65-2	Naphthalene-d8	670000								
15067-26-2	Acenaphthene-d10	497000								
1517-22-2	Phenanthrene-d10	1000000								
1719-03-5	Chrysene-d12	717000								
1520-96-3	Perylene-d12	679000								

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client: ICE Service Group, Inc.
Project: NWIRP Northrup Grumman Site – Bethpage, NY
Client Sample ID: OUTSIDE-DUMPSTERMSD
Lab Sample ID: Q3368-06MSD
Analytical Method: 8270E Level : LOW
Sample Wt/Vol: 100 mL Final Vol: 1000 uL
Prep Method : Prep Date: 10/22/25

Date Collected: 10/16/25
Date Received: 10/16/25
SDG No.: Q3399
Matrix: TCLP
% Solid: 0
Test: TCLP BNA

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS										
110-86-1	Pyridine	340		1	12.8	40.0	50.0	ug/L	10/22/25 20:39	PB170216
106-46-7	1,4-Dichlorobenzene	390		1	5.30	40.0	50.0	ug/L	10/22/25 20:39	PB170216
95-48-7	2-Methylphenol	510		1	11.2	40.0	50.0	ug/L	10/22/25 20:39	PB170216
65794-96-9	3+4-Methylphenols	490		1	11.0	80.0	100	ug/L	10/22/25 20:39	PB170216
67-72-1	Hexachloroethane	390		1	6.50	40.0	50.0	ug/L	10/22/25 20:39	PB170216
98-95-3	Nitrobenzene	460		1	7.60	40.0	50.0	ug/L	10/22/25 20:39	PB170216
87-68-3	Hexachlorobutadiene	400		1	5.40	40.0	50.0	ug/L	10/22/25 20:39	PB170216
88-06-2	2,4,6-Trichlorophenol	500		1	5.10	40.0	50.0	ug/L	10/22/25 20:39	PB170216
95-95-4	2,4,5-Trichlorophenol	500		1	6.20	40.0	50.0	ug/L	10/22/25 20:39	PB170216
121-14-2	2,4-Dinitrotoluene	490		1	12.2	40.0	50.0	ug/L	10/22/25 20:39	PB170216
118-74-1	Hexachlorobenzene	470		1	5.20	40.0	50.0	ug/L	10/22/25 20:39	PB170216
87-86-5	Pentachlorophenol	980	E	1	15.8	80.0	100	ug/L	10/22/25 20:39	PB170216
SURROGATES										
367-12-4	2-Fluorophenol	145			19 - 119		97%	SPK: 150		
13127-88-3	Phenol-d6	137			10 - 130		91%	SPK: 150		
4165-60-0	Nitrobenzene-d5	83.9			44 - 120		84%	SPK: 100		
321-60-8	2-Fluorobiphenyl	76.9			44 - 119		77%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	125			43 - 140		83%	SPK: 150		
1718-51-0	Terphenyl-d14	66.0			50 - 134		66%	SPK: 100		
INTERNAL STANDARDS										
		Area Count								
3855-82-1	1,4-Dichlorobenzene-d4	161000								
1146-65-2	Naphthalene-d8	704000								
15067-26-2	Acenaphthene-d10	488000								
1517-22-2	Phenanthrene-d10	881000								
1719-03-5	Chrysene-d12	591000								
1520-96-3	Perylene-d12	690000								

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products



CALIBRATION SUMMARY

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance

Contract: ICES02

Lab Code: ACE

SDG No.: Q3399

Instrument ID: BNA_P

Calibration Date(s): 10/15/2025 10/15/2025

Calibration Time(s): 11:45 18:35

LAB FILE ID:		RRF2.5 = BP025972.D		RRF005 = BP025973.D		RRF010 = BP025974.D			
		RRF020 = BP025975.D		RRF040 = BP025976.D		RRF050 = BP025977.D			
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD	
Pyridine		1.214	1.221	1.434	1.530	1.383	1.348	8.4	
2-Fluorophenol		1.057	1.111	1.309	1.380	1.262	1.220	9.1	
Phenol-d6		1.410	1.497	1.858	1.913	1.794	1.702	10.9	
1,4-Dichlorobenzene		1.549	1.475	1.726	1.775	1.601	1.597	7.0	
2-Methylphenol		0.986	1.093	1.339	1.381	1.301	1.232	11.5	
3+4-Methylphenols			1.413	1.848	1.856	1.778	1.717	9.5	
Nitrobenzene-d5		0.401	0.410	0.480	0.505	0.455	0.445	8.4	
Hexachloroethane		0.611	0.568	0.644	0.679	0.606	0.609	6.6	
Nitrobenzene		0.352	0.356	0.426	0.449	0.408	0.396	8.9	
Hexachlorobutadiene		0.243	0.227	0.252	0.268	0.242	0.242	5.9	
2,4,6-Trichlorophenol		0.335	0.363	0.438	0.476	0.436	0.413	11.7	
2-Fluorobiphenyl		1.596	1.522	1.682	1.767	1.522	1.560	8.4	
2,4,5-Trichlorophenol		0.384	0.380	0.474	0.518	0.477	0.450	11.2	
2,4-Dinitrotoluene		0.377	0.360	0.515	0.483	0.464	0.442	12.6	
2,4,6-Tribromophenol		0.237	0.220	0.298	0.290	0.285	0.269	10.9	
Hexachlorobenzene		0.267	0.258	0.290	0.311	0.273	0.277	6.5	
Pentachlorophenol			0.111	0.151	0.164	0.158	0.150	13.0	
Terphenyl-d14		1.168	1.135	1.339	1.308	1.323	1.251	6.3	

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: ICES02
Lab Code: ACE SDG No.: Q3399
Instrument ID: BNA_P Calibration Date/Time: 10/22/2025 16:33
Lab File ID: BP026001.D Init. Calib. Date(s): 10/15/2025 10/15/2025
EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 11:45 18:35
GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Pyridine	1.348	1.524		13.1	
2-Fluorophenol	1.220	1.344		10.2	
Phenol-d6	1.702	1.935		13.7	
1,4-Dichlorobenzene	1.597	1.740		9.0	20.0
2-Methylphenol	1.232	1.388		12.7	
3+4-Methylphenols	1.717	1.935		12.7	
Nitrobenzene-d5	0.445	0.505		13.5	
Hexachloroethane	0.609	0.669		9.9	
Nitrobenzene	0.396	0.457		15.4	
Hexachlorobutadiene	0.242	0.260		7.4	20.0
2,4,6-Trichlorophenol	0.413	0.465		12.6	20.0
2-Fluorobiphenyl	1.560	1.659		6.3	
2,4,5-Trichlorophenol	0.450	0.510		13.3	
2,4-Dinitrotoluene	0.442	0.512		15.8	
2,4,6-Tribromophenol	0.269	0.287		6.7	
Hexachlorobenzene	0.277	0.291		5.1	
Pentachlorophenol	0.150	0.170		13.3	20.0
Terphenyl-d14	1.251	1.544		23.4	

All other compounds must meet a minimum RRF of 0.010.