

Report of Analysis

Client: ICE Service Group, Inc.
Project: NWIRP Northrup Grumman Site – Bethpage, NY
Client Sample ID: COMP-ROLLOFF
Lab Sample ID: Q3399-01
Analytical Method: 8270E Level : LOW
Sample Wt/Vol: 30.09 g 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: SOIL
% Solid: 89.9
Test: SVOC-TCL BNA -20

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS										
100-52-7	Benzaldehyde	300	U	1	170	300	370	ug/Kg	10/22/25 15:49	PB170206
108-95-2	Phenol	140	U	1	24.5	140	190	ug/Kg	10/22/25 15:49	PB170206
111-44-4	bis(2-Chloroethyl)ether	140	U	1	26.9	140	190	ug/Kg	10/22/25 15:49	PB170206
95-57-8	2-Chlorophenol	140	U	1	27.1	140	190	ug/Kg	10/22/25 15:49	PB170206
95-48-7	2-Methylphenol	140	U	1	33.2	140	190	ug/Kg	10/22/25 15:49	PB170206
108-60-1	2,2-oxybis(1-Chloropropane)	140	U	1	41.6	140	190	ug/Kg	10/22/25 15:49	PB170206
98-86-2	Acetophenone	140	U	1	32.7	140	190	ug/Kg	10/22/25 15:49	PB170206
65794-96-9	3+4-Methylphenols	300	U	1	45.6	300	370	ug/Kg	10/22/25 15:49	PB170206
621-64-7	n-Nitroso-di-n-propylamine	88.7	U	1	52.6	88.7	88.7	ug/Kg	10/22/25 15:49	PB170206
67-72-1	Hexachloroethane	140	U	1	19.5	140	190	ug/Kg	10/22/25 15:49	PB170206
98-95-3	Nitrobenzene	140	U	1	20.3	140	190	ug/Kg	10/22/25 15:49	PB170206
78-59-1	Isophorone	140	U	1	36.4	140	190	ug/Kg	10/22/25 15:49	PB170206
88-75-5	2-Nitrophenol	140	U	1	64.5	140	190	ug/Kg	10/22/25 15:49	PB170206
105-67-9	2,4-Dimethylphenol	140	U	1	71.9	140	190	ug/Kg	10/22/25 15:49	PB170206
111-91-1	bis(2-Chloroethoxy)methane	140	U	1	34.2	140	190	ug/Kg	10/22/25 15:49	PB170206
120-83-2	2,4-Dichlorophenol	140	U	1	31.4	140	190	ug/Kg	10/22/25 15:49	PB170206
91-20-3	Naphthalene	140	U	1	25.2	140	190	ug/Kg	10/22/25 15:49	PB170206
106-47-8	4-Chloroaniline	140	U	1	39.3	140	190	ug/Kg	10/22/25 15:49	PB170206
87-68-3	Hexachlorobutadiene	140	U	1	28.1	140	190	ug/Kg	10/22/25 15:49	PB170206
105-60-2	Caprolactam	300	U	1	57.8	300	370	ug/Kg	10/22/25 15:49	PB170206
59-50-7	4-Chloro-3-methylphenol	140	U	1	31.8	140	190	ug/Kg	10/22/25 15:49	PB170206
91-57-6	2-Methylnaphthalene	140	U	1	28.4	140	190	ug/Kg	10/22/25 15:49	PB170206
77-47-4	Hexachlorocyclopentadiene	300	UQ	1	130	300	370	ug/Kg	10/22/25 15:49	PB170206
88-06-2	2,4,6-Trichlorophenol	140	U	1	22.0	140	190	ug/Kg	10/22/25 15:49	PB170206
95-95-4	2,4,5-Trichlorophenol	140	U	1	32.3	140	190	ug/Kg	10/22/25 15:49	PB170206
92-52-4	1,1-Biphenyl	140	U	1	24.2	140	190	ug/Kg	10/22/25 15:49	PB170206
91-58-7	2-Chloronaphthalene	140	U	1	25.0	140	190	ug/Kg	10/22/25 15:49	PB170206
88-74-4	2-Nitroaniline	140	U	1	53.3	140	190	ug/Kg	10/22/25 15:49	PB170206
131-11-3	Dimethylphthalate	140	U	1	30.1	140	190	ug/Kg	10/22/25 15:49	PB170206
208-96-8	Acenaphthylene	140	U	1	32.1	140	190	ug/Kg	10/22/25 15:49	PB170206
606-20-2	2,6-Dinitrotoluene	140	U	1	37.3	140	190	ug/Kg	10/22/25 15:49	PB170206
99-09-2	3-Nitroaniline	140	U	1	51.0	140	190	ug/Kg	10/22/25 15:49	PB170206
83-32-9	Acenaphthene	140	U	1	23.6	140	190	ug/Kg	10/22/25 15:49	PB170206
51-28-5	2,4-Dinitrophenol	300	U	1	250	300	370	ug/Kg	10/22/25 15:49	PB170206
100-02-7	4-Nitrophenol	300	U	1	120	300	370	ug/Kg	10/22/25 15:49	PB170206
132-64-9	Dibenzofuran	140	U	1	25.2	140	190	ug/Kg	10/22/25 15:49	PB170206
121-14-2	2,4-Dinitrotoluene	140	U	1	55.6	140	190	ug/Kg	10/22/25 15:49	PB170206
84-66-2	Diethylphthalate	140	U	1	31.4	140	190	ug/Kg	10/22/25 15:49	PB170206
7005-72-3	4-Chlorophenyl-phenylether	140	U	1	29.6	140	190	ug/Kg	10/22/25 15:49	PB170206
86-73-7	Fluorene	140	U	1	28.1	140	190	ug/Kg	10/22/25 15:49	PB170206
100-01-6	4-Nitroaniline	140	U	1	71.2	140	190	ug/Kg	10/22/25 15:49	PB170206
534-52-1	4,6-Dinitro-2-methylphenol	300	U	1	110	300	370	ug/Kg	10/22/25 15:49	PB170206

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Sample Wt/Vol: 30.09 g Final Vol: 1000 uL
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SDG No.: Q3399
Matrix: SOIL
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Test: SVOC-TCL BNA -20

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	140	U	1	36.5	140	190	ug/Kg	10/22/25 15:49	PB170206
101-55-3	4-Bromophenyl-phenylether	140	U	1	30.8	140	190	ug/Kg	10/22/25 15:49	PB170206
118-74-1	Hexachlorobenzene	140	U	1	28.1	140	190	ug/Kg	10/22/25 15:49	PB170206
1912-24-9	Atrazine	140	U	1	37.7	140	190	ug/Kg	10/22/25 15:49	PB170206
87-86-5	Pentachlorophenol	300	U	1	56.9	300	370	ug/Kg	10/22/25 15:49	PB170206
85-01-8	Phenanthrene	140	U	1	23.2	140	190	ug/Kg	10/22/25 15:49	PB170206
120-12-7	Anthracene	140	U	1	36.9	140	190	ug/Kg	10/22/25 15:49	PB170206
86-74-8	Carbazole	140	U	1	34.6	140	190	ug/Kg	10/22/25 15:49	PB170206
84-74-2	Di-n-butylphthalate	140	U	1	53.1	140	190	ug/Kg	10/22/25 15:49	PB170206
206-44-0	Fluoranthene	140	U	1	33.3	140	190	ug/Kg	10/22/25 15:49	PB170206
129-00-0	Pyrene	140	U	1	39.9	140	190	ug/Kg	10/22/25 15:49	PB170206
85-68-7	Butylbenzylphthalate	140	U	1	79.2	140	190	ug/Kg	10/22/25 15:49	PB170206
91-94-1	3,3-Dichlorobenzidine	300	U	1	40.7	300	370	ug/Kg	10/22/25 15:49	PB170206
56-55-3	Benzo(a)anthracene	140	U	1	25.5	140	190	ug/Kg	10/22/25 15:49	PB170206
218-01-9	Chrysene	140	U	1	22.1	140	190	ug/Kg	10/22/25 15:49	PB170206
117-81-7	Bis(2-ethylhexyl)phthalate	140	U	1	65.7	140	190	ug/Kg	10/22/25 15:49	PB170206
117-84-0	Di-n-octyl phthalate	300	U	1	96.3	300	370	ug/Kg	10/22/25 15:49	PB170206
205-99-2	Benzo(b)fluoranthene	140	U	1	21.1	140	190	ug/Kg	10/22/25 15:49	PB170206
207-08-9	Benzo(k)fluoranthene	140	U	1	24.8	140	190	ug/Kg	10/22/25 15:49	PB170206
50-32-8	Benzo(a)pyrene	140	U	1	32.7	140	190	ug/Kg	10/22/25 15:49	PB170206
193-39-5	Indeno(1,2,3-cd)pyrene	140	U	1	32.3	140	190	ug/Kg	10/22/25 15:49	PB170206
53-70-3	Dibenzo(a,h)anthracene	140	U	1	30.4	140	190	ug/Kg	10/22/25 15:49	PB170206
191-24-2	Benzo(g,h,i)perylene	140	U	1	28.5	140	190	ug/Kg	10/22/25 15:49	PB170206
95-94-3	1,2,4,5-Tetrachlorobenzene	140	UM	1	28.4	140	190	ug/Kg	10/22/25 15:49	PB170206
123-91-1	1,4-Dioxane	140	UQ	1	50.1	140	190	ug/Kg	10/22/25 15:49	PB170206
58-90-2	2,3,4,6-Tetrachlorophenol	140	U	1	30.4	140	190	ug/Kg	10/22/25 15:49	PB170206

SURROGATES

367-12-4	2-Fluorophenol	93.5			35 - 115	62%	SPK: 150
13127-88-3	Phenol-d6	89.9			34 - 127	60%	SPK: 150
4165-60-0	Nitrobenzene-d5	67.4			37 - 122	67%	SPK: 100
321-60-8	2-Fluorobiphenyl	70.9			44 - 115	71%	SPK: 100
118-79-6	2,4,6-Tribromophenol	107			39 - 132	71%	SPK: 150
1718-51-0	Terphenyl-d14	48.6	*		54 - 127	49%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	58600
1146-65-2	Naphthalene-d8	216000
15067-26-2	Acenaphthene-d10	106000
1517-22-2	Phenanthrene-d10	184000
1719-03-5	Chrysene-d12	180000
1520-96-3	Perylene-d12	217000

TENTATIVE IDENTIFIED COMPOUNDS

000119-61-9	Benzophenone	200	J		10.6	ug/Kg
000057-10-3	n-Hexadecanoic acid	130	J		11.9	ug/Kg

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Lab Sample ID:	Q3399-01	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	89.9
Sample Wt/Vol:	30.09 g	Test:	SVOC-TCL BNA -20
Prep Method :	SW3510C		
	Level : LOW		
	Final Vol: 1000 uL		
	Prep Date: 10/22/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	Prep BatchID
959092-08-1	Pentafluoropropionic acid, pentade	170	J				13.9	ug/Kg		

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