

Report of Analysis

Client: ICE Service Group, Inc.
Project: NWIRP Northrup Grumman Site – Bethpage, NY
Client Sample ID: COMP-ROLLOFFMSD
Lab Sample ID: Q3399-01MSD
Analytical Method: 8270E Level : LOW
Sample Wt/Vol: 30.06 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	990		1	170	300	370	ug/Kg	10/22/25 17:17	PB170206
108-95-2	Phenol	1700		1	24.5	140	190	ug/Kg	10/22/25 17:17	PB170206
111-44-4	bis(2-Chloroethyl)ether	1600		1	27.0	140	190	ug/Kg	10/22/25 17:17	PB170206
95-57-8	2-Chlorophenol	1800		1	27.1	140	190	ug/Kg	10/22/25 17:17	PB170206
95-48-7	2-Methylphenol	1700		1	33.2	140	190	ug/Kg	10/22/25 17:17	PB170206
108-60-1	2,2-oxybis(1-Chloropropane)	1400		1	41.6	140	190	ug/Kg	10/22/25 17:17	PB170206
98-86-2	Acetophenone	2000		1	32.7	140	190	ug/Kg	10/22/25 17:17	PB170206
65794-96-9	3+4-Methylphenols	1700		1	45.6	300	370	ug/Kg	10/22/25 17:17	PB170206
621-64-7	n-Nitroso-di-n-propylamine	1700		1	52.6	88.8	88.8	ug/Kg	10/22/25 17:17	PB170206
67-72-1	Hexachloroethane	1900		1	19.5	140	190	ug/Kg	10/22/25 17:17	PB170206
98-95-3	Nitrobenzene	1900		1	20.3	140	190	ug/Kg	10/22/25 17:17	PB170206
78-59-1	Isophorone	1700		1	36.4	140	190	ug/Kg	10/22/25 17:17	PB170206
88-75-5	2-Nitrophenol	2100		1	64.6	140	190	ug/Kg	10/22/25 17:17	PB170206
105-67-9	2,4-Dimethylphenol	2000		1	71.9	140	190	ug/Kg	10/22/25 17:17	PB170206
111-91-1	bis(2-Chloroethoxy)methane	1700		1	34.2	140	190	ug/Kg	10/22/25 17:17	PB170206
120-83-2	2,4-Dichlorophenol	1800		1	31.4	140	190	ug/Kg	10/22/25 17:17	PB170206
91-20-3	Naphthalene	1800		1	25.2	140	190	ug/Kg	10/22/25 17:17	PB170206
106-47-8	4-Chloroaniline	760		1	39.3	140	190	ug/Kg	10/22/25 17:17	PB170206
87-68-3	Hexachlorobutadiene	2100		1	28.1	140	190	ug/Kg	10/22/25 17:17	PB170206
105-60-2	Caprolactam	1700		1	57.8	300	370	ug/Kg	10/22/25 17:17	PB170206
59-50-7	4-Chloro-3-methylphenol	1800		1	31.9	140	190	ug/Kg	10/22/25 17:17	PB170206
91-57-6	2-Methylnaphthalene	1700		1	28.4	140	190	ug/Kg	10/22/25 17:17	PB170206
77-47-4	Hexachlorocyclopentadiene	2800		1	130	300	370	ug/Kg	10/22/25 17:17	PB170206
88-06-2	2,4,6-Trichlorophenol	1900		1	22.0	140	190	ug/Kg	10/22/25 17:17	PB170206
95-95-4	2,4,5-Trichlorophenol	2000		1	32.3	140	190	ug/Kg	10/22/25 17:17	PB170206
92-52-4	1,1-Biphenyl	2100		1	24.2	140	190	ug/Kg	10/22/25 17:17	PB170206
91-58-7	2-Chloronaphthalene	1900		1	25.0	140	190	ug/Kg	10/22/25 17:17	PB170206
88-74-4	2-Nitroaniline	1900		1	53.4	140	190	ug/Kg	10/22/25 17:17	PB170206
131-11-3	Dimethylphthalate	1900		1	30.1	140	190	ug/Kg	10/22/25 17:17	PB170206
208-96-8	Acenaphthylene	2100		1	32.1	140	190	ug/Kg	10/22/25 17:17	PB170206
606-20-2	2,6-Dinitrotoluene	2200		1	37.3	140	190	ug/Kg	10/22/25 17:17	PB170206
99-09-2	3-Nitroaniline	1300		1	51.1	140	190	ug/Kg	10/22/25 17:17	PB170206
83-32-9	Acenaphthene	1900		1	23.6	140	190	ug/Kg	10/22/25 17:17	PB170206
51-28-5	2,4-Dinitrophenol	2800		1	250	300	370	ug/Kg	10/22/25 17:17	PB170206
100-02-7	4-Nitrophenol	3000	E	1	120	300	370	ug/Kg	10/22/25 17:17	PB170206
132-64-9	Dibenzofuran	1800		1	25.2	140	190	ug/Kg	10/22/25 17:17	PB170206
121-14-2	2,4-Dinitrotoluene	2100		1	55.6	140	190	ug/Kg	10/22/25 17:17	PB170206
84-66-2	Diethylphthalate	1900		1	31.4	140	190	ug/Kg	10/22/25 17:17	PB170206
7005-72-3	4-Chlorophenyl-phenylether	1900		1	29.6	140	190	ug/Kg	10/22/25 17:17	PB170206
86-73-7	Fluorene	1900		1	28.1	140	190	ug/Kg	10/22/25 17:17	PB170206
100-01-6	4-Nitroaniline	1800		1	71.3	140	190	ug/Kg	10/22/25 17:17	PB170206
534-52-1	4,6-Dinitro-2-methylphenol	2200		1	110	300	370	ug/Kg	10/22/25 17:17	PB170206

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CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	1900		1	36.5	140	190	ug/Kg	10/22/25 17:17	PB170206
101-55-3	4-Bromophenyl-phenylether	2000		1	30.9	140	190	ug/Kg	10/22/25 17:17	PB170206
118-74-1	Hexachlorobenzene	2000		1	28.1	140	190	ug/Kg	10/22/25 17:17	PB170206
1912-24-9	Atrazine	2100		1	37.7	140	190	ug/Kg	10/22/25 17:17	PB170206
87-86-5	Pentachlorophenol	3500	E	1	56.9	300	370	ug/Kg	10/22/25 17:17	PB170206
85-01-8	Phenanthrene	1900		1	23.2	140	190	ug/Kg	10/22/25 17:17	PB170206
120-12-7	Anthracene	1900		1	37.0	140	190	ug/Kg	10/22/25 17:17	PB170206
86-74-8	Carbazole	1900		1	34.6	140	190	ug/Kg	10/22/25 17:17	PB170206
84-74-2	Di-n-butylphthalate	1900		1	53.2	140	190	ug/Kg	10/22/25 17:17	PB170206
206-44-0	Fluoranthene	2000		1	33.3	140	190	ug/Kg	10/22/25 17:17	PB170206
129-00-0	Pyrene	1400		1	40.0	140	190	ug/Kg	10/22/25 17:17	PB170206
85-68-7	Butylbenzylphthalate	1800		1	79.3	140	190	ug/Kg	10/22/25 17:17	PB170206
91-94-1	3,3-Dichlorobenzidine	1700		1	40.7	300	370	ug/Kg	10/22/25 17:17	PB170206
56-55-3	Benzo(a)anthracene	1900		1	25.5	140	190	ug/Kg	10/22/25 17:17	PB170206
218-01-9	Chrysene	2000		1	22.1	140	190	ug/Kg	10/22/25 17:17	PB170206
117-81-7	Bis(2-ethylhexyl)phthalate	2100		1	65.7	140	190	ug/Kg	10/22/25 17:17	PB170206
117-84-0	Di-n-octyl phthalate	2300		1	96.4	300	370	ug/Kg	10/22/25 17:17	PB170206
205-99-2	Benzo(b)fluoranthene	1900		1	21.1	140	190	ug/Kg	10/22/25 17:17	PB170206
207-08-9	Benzo(k)fluoranthene	1800		1	24.9	140	190	ug/Kg	10/22/25 17:17	PB170206
50-32-8	Benzo(a)pyrene	2000		1	32.7	140	190	ug/Kg	10/22/25 17:17	PB170206
193-39-5	Indeno(1,2,3-cd)pyrene	1500		1	32.3	140	190	ug/Kg	10/22/25 17:17	PB170206
53-70-3	Dibenzo(a,h)anthracene	1600		1	30.4	140	190	ug/Kg	10/22/25 17:17	PB170206
191-24-2	Benzo(g,h,i)perylene	1400		1	28.5	140	190	ug/Kg	10/22/25 17:17	PB170206
95-94-3	1,2,4,5-Tetrachlorobenzene	2300		1	28.4	140	190	ug/Kg	10/22/25 17:17	PB170206
123-91-1	1,4-Dioxane	1700		1	50.2	140	190	ug/Kg	10/22/25 17:17	PB170206
58-90-2	2,3,4,6-Tetrachlorophenol	2000		1	30.4	140	190	ug/Kg	10/22/25 17:17	PB170206

SURROGATES

367-12-4	2-Fluorophenol	95.5			35 - 115	64%	SPK: 150
13127-88-3	Phenol-d6	89.5			34 - 127	60%	SPK: 150
4165-60-0	Nitrobenzene-d5	68.4			37 - 122	68%	SPK: 100
321-60-8	2-Fluorobiphenyl	67.5			44 - 115	68%	SPK: 100
118-79-6	2,4,6-Tribromophenol	105			39 - 132	70%	SPK: 150
1718-51-0	Terphenyl-d14	53.4	*		54 - 127	53%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	52400
1146-65-2	Naphthalene-d8	194000
15067-26-2	Acenaphthene-d10	100000
1517-22-2	Phenanthrene-d10	162000
1719-03-5	Chrysene-d12	141000
1520-96-3	Perylene-d12	186000

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Lab Sample ID:	Q3399-01MSD	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	89.9
Sample Wt/Vol:	30.06 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
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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