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

Hit Summary Sheet
SW-846

SDG No.: Q1421

Client: Weston Solutions, Inc.

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
Client ID : P001-CLAY-CF01-01									
Q1421-01	P001-CLAY-CF01-01	SOIL	1,4-Benzenedicarboxylic acid, bis	*	640.000	J	0	0	ug/Kg
Q1421-01	P001-CLAY-CF01-01	SOIL	13-Octadecenal, (Z)-	*	110.000	J	0	0	ug/Kg
Q1421-01	P001-CLAY-CF01-01	SOIL	2-Pentanone, 4-hydroxy-4-methyl	*	150.000	A	0	0	ug/Kg
Q1421-01	P001-CLAY-CF01-01	SOIL	Benzophenone	*	420.000	J	0	0	ug/Kg
Q1421-01	P001-CLAY-CF01-01	SOIL	Eicosane	*	210.000	J	0	0	ug/Kg
Q1421-01	P001-CLAY-CF01-01	SOIL	Hentriacontane	*	210.000	J	0	0	ug/Kg
Q1421-01	P001-CLAY-CF01-01	SOIL	Heptacosane	*	240.000	J	0	0	ug/Kg
Q1421-01	P001-CLAY-CF01-01	SOIL	Heptadecane, 9-octyl-	*	400.000	J	0	0	ug/Kg
Q1421-01	P001-CLAY-CF01-01	SOIL	Hexadecane, 1-iodo-	*	320.000	J	0	0	ug/Kg
Q1421-01	P001-CLAY-CF01-01	SOIL	n-Hexadecanoic acid	*	2,000.000	J	0	0	ug/Kg
Q1421-01	P001-CLAY-CF01-01	SOIL	Octadecanoic acid	*	730.000	J	0	0	ug/Kg
Q1421-01	P001-CLAY-CF01-01	SOIL	Tetracosane	*	120.000	J	0	0	ug/Kg
Q1421-01	P001-CLAY-CF01-01	SOIL	Triacontane	*	190.000	J	0	0	ug/Kg
Q1421-01	P001-CLAY-CF01-01	SOIL	Trichloroacetic acid, hexadecyl es	*	220.000	J	0	0	ug/Kg
			Total Tics :		**5,960.00**				
			Total Concentration:		**5,960.00**				
Client ID : P001-CLAY-CF01-02									
Q1421-07	P001-CLAY-CF01-02	SOIL	Phenol		110.000	J	110	230	ug/Kg
			Total Svoc :		**110.00**				
Q1421-07	P001-CLAY-CF01-02	SOIL	2-Pentanone, 4-hydroxy-4-methyl	*	140.000	A	0	0	ug/Kg
Q1421-07	P001-CLAY-CF01-02	SOIL	9-Octadecenamide, (Z)-	*	160.000	J	0	0	ug/Kg
Q1421-07	P001-CLAY-CF01-02	SOIL	Benzophenone	*	400.000	J	0	0	ug/Kg
Q1421-07	P001-CLAY-CF01-02	SOIL	Heptadecyl trifluoroacetate	*	360.000	J	0	0	ug/Kg
Q1421-07	P001-CLAY-CF01-02	SOIL	n-Hexadecanoic acid	*	350.000	J	0	0	ug/Kg
Q1421-07	P001-CLAY-CF01-02	SOIL	Pentanedioic acid, dimethyl ester	*	98.800	J	0	0	ug/Kg
Q1421-07	P001-CLAY-CF01-02	SOIL	Tetradecanoic acid	*	170.000	J	0	0	ug/Kg
			Total Tics :		**1,678.80**				
			Total Concentration:		**1,788.80**				
Client ID : P001-CLAY-CF02-01									
Q1421-09	P001-CLAY-CF02-01	SOIL	2-Pentanone, 4-hydroxy-4-methyl	*	150.000	A	0	0	ug/Kg
Q1421-09	P001-CLAY-CF02-01	SOIL	9-Octadecenamide, (Z)-	*	85.800	J	0	0	ug/Kg
Q1421-09	P001-CLAY-CF02-01	SOIL	Benzophenone	*	190.000	J	0	0	ug/Kg
Q1421-09	P001-CLAY-CF02-01	SOIL	n-Hexadecanoic acid	*	110.000	J	0	0	ug/Kg
Q1421-09	P001-CLAY-CF02-01	SOIL	Pentafluoropropionic acid, octade	*	240.000	J	0	0	ug/Kg
Q1421-09	P001-CLAY-CF02-01	SOIL	Supraene	*	110.000	J	0	0	ug/Kg
			Total Tics :		**885.80**				

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Fax : 908 789 8922

Hit Summary Sheet
SW-846

SDG No.: Q1421

Client: Weston Solutions, Inc.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
			Total Concentration:	**885.80**				

SAMPLE DATA

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

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	02/24/25
Project:	RFP 905	Date Received:	02/24/25
Client Sample ID:	P001-CLAY-CF01-01	SDG No.:	Q1421
Lab Sample ID:	Q1421-01	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	70.3
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141761.D	1	02/25/25 09:30	02/25/25 13:37	PB166853

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	260	U	260	470	ug/Kg
108-95-2	Phenol	120	U	120	240	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	120	U	120	240	ug/Kg
95-57-8	2-Chlorophenol	120	U	120	240	ug/Kg
95-48-7	2-Methylphenol	110	U	110	240	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	130	U	130	240	ug/Kg
98-86-2	Acetophenone	120	U	120	240	ug/Kg
65794-96-9	3+4-Methylphenols	110	U	110	470	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	57.3	U	57.3	110	ug/Kg
67-72-1	Hexachloroethane	120	U	120	240	ug/Kg
98-95-3	Nitrobenzene	130	U	130	240	ug/Kg
78-59-1	Isophorone	120	U	120	240	ug/Kg
88-75-5	2-Nitrophenol	130	U	130	240	ug/Kg
105-67-9	2,4-Dimethylphenol	130	U	130	240	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	120	U	120	240	ug/Kg
120-83-2	2,4-Dichlorophenol	110	U	110	240	ug/Kg
91-20-3	Naphthalene	120	U	120	240	ug/Kg
106-47-8	4-Chloroaniline	120	U	120	240	ug/Kg
87-68-3	Hexachlorobutadiene	120	U	120	240	ug/Kg
105-60-2	Caprolactam	120	U	120	470	ug/Kg
59-50-7	4-Chloro-3-methylphenol	110	U	110	240	ug/Kg
91-57-6	2-Methylnaphthalene	120	U	120	240	ug/Kg
77-47-4	Hexachlorocyclopentadiene	220	U	220	470	ug/Kg
88-06-2	2,4,6-Trichlorophenol	100	U	100	240	ug/Kg
95-95-4	2,4,5-Trichlorophenol	110	U	110	240	ug/Kg
92-52-4	1,1-Biphenyl	120	U	120	240	ug/Kg
91-58-7	2-Chloronaphthalene	120	U	120	240	ug/Kg
88-74-4	2-Nitroaniline	140	U	140	240	ug/Kg
131-11-3	Dimethylphthalate	120	U	120	240	ug/Kg

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Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	02/24/25
Project:	RFP 905	Date Received:	02/24/25
Client Sample ID:	P001-CLAY-CF01-01	SDG No.:	Q1421
Lab Sample ID:	Q1421-01	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	70.3
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141761.D	1	02/25/25 09:30	02/25/25 13:37	PB166853

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	120	U	120	240	ug/Kg
606-20-2	2,6-Dinitrotoluene	120	U	120	240	ug/Kg
99-09-2	3-Nitroaniline	130	U	130	240	ug/Kg
83-32-9	Acenaphthene	120	U	120	240	ug/Kg
51-28-5	2,4-Dinitrophenol	350	U	350	470	ug/Kg
100-02-7	4-Nitrophenol	160	U	160	470	ug/Kg
132-64-9	Dibenzofuran	120	U	120	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	120	U	120	240	ug/Kg
84-66-2	Diethylphthalate	110	U	110	240	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	120	U	120	240	ug/Kg
86-73-7	Fluorene	120	U	120	240	ug/Kg
100-01-6	4-Nitroaniline	150	U	150	240	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	170	U	170	470	ug/Kg
86-30-6	n-Nitrosodiphenylamine	120	U	120	240	ug/Kg
101-55-3	4-Bromophenyl-phenylether	110	U	110	240	ug/Kg
118-74-1	Hexachlorobenzene	120	U	120	240	ug/Kg
1912-24-9	Atrazine	130	U	130	240	ug/Kg
87-86-5	Pentachlorophenol	110	U	110	470	ug/Kg
85-01-8	Phenanthrene	120	U	120	240	ug/Kg
120-12-7	Anthracene	120	U	120	240	ug/Kg
86-74-8	Carbazole	110	U	110	240	ug/Kg
84-74-2	Di-n-butylphthalate	120	U	120	240	ug/Kg
206-44-0	Fluoranthene	120	U	120	240	ug/Kg
129-00-0	Pyrene	120	U	120	240	ug/Kg
85-68-7	Butylbenzylphthalate	140	UQ	140	240	ug/Kg
91-94-1	3,3-Dichlorobenzidine	140	U	140	470	ug/Kg
56-55-3	Benzo(a)anthracene	110	U	110	240	ug/Kg
218-01-9	Chrysene	110	U	110	240	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	130	U	130	240	ug/Kg
117-84-0	Di-n-octyl phthalate	160	U	160	470	ug/Kg
205-99-2	Benzo(b)fluoranthene	120	U	120	240	ug/Kg

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Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	02/24/25
Project:	RFP 905	Date Received:	02/24/25
Client Sample ID:	P001-CLAY-CF01-01	SDG No.:	Q1421
Lab Sample ID:	Q1421-01	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	70.3
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141761.D	1	02/25/25 09:30	02/25/25 13:37	PB166853

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	120	U	120	240	ug/Kg
50-32-8	Benzo(a)pyrene	130	U	130	240	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	110	U	110	240	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	120	U	120	240	ug/Kg
191-24-2	Benzo(g,h,i)perylene	110	U	110	240	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	120	U	120	240	ug/Kg
123-91-1	1,4-Dioxane	160	U	160	240	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	110	U	110	240	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	106		18 - 112	71%	SPK: 150
13127-88-3	Phenol-d6	105		15 - 107	70%	SPK: 150
4165-60-0	Nitrobenzene-d5	69.1		18 - 107	69%	SPK: 100
321-60-8	2-Fluorobiphenyl	75.2		20 - 109	75%	SPK: 100
118-79-6	2,4,6-Tribromophenol	89.1		10 - 116	59%	SPK: 150
1718-51-0	Terphenyl-d14	67.7		10 - 105	68%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	70900	6.781			
1146-65-2	Naphthalene-d8	286000	8.063			
15067-26-2	Acenaphthene-d10	151000	9.816			
1517-22-2	Phenanthrene-d10	243000	11.298			
1719-03-5	Chrysene-d12	169000	13.939			
1520-96-3	Perylene-d12	177000	15.386			
TENTATIVE IDENTIFIED COMPOUNDS						
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	150	A		4.99	ug/Kg
000119-61-9	Benzophenone	420	J		10.5	ug/Kg
000057-10-3	n-Hexadecanoic acid	2000	J		11.8	ug/Kg
000630-04-6	Hentriacontane	210	J		12.3	ug/Kg
058594-45-9	13-Octadecenal, (Z)-	110	J		12.5	ug/Kg
000057-11-4	Octadecanoic acid	730	J		12.6	ug/Kg
006422-86-2	1,4-Benzenedicarboxylic acid, bis(	640	J		12.8	ug/Kg

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Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	02/24/25
Project:	RFP 905	Date Received:	02/24/25
Client Sample ID:	P001-CLAY-CF01-01	SDG No.:	Q1421
Lab Sample ID:	Q1421-01	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	70.3
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141761.D	1	02/25/25 09:30	02/25/25 13:37	PB166853

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
000593-49-7	Heptacosane	240	J		13.2	ug/Kg
074339-54-1	Trichloroacetic acid, hexadecyl es	220	J		13.8	ug/Kg
000544-77-4	Hexadecane, 1-iodo-	320	J		13.9	ug/Kg
007225-64-1	Heptadecane, 9-octyl-	400	J		14.4	ug/Kg
000112-95-8	Eicosane	210	J		14.7	ug/Kg
000638-68-6	Triacontane	190	J		14.9	ug/Kg
000646-31-1	Tetracosane	120	J		15.0	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

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Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	02/24/25
Project:	RFP 905	Date Received:	02/24/25
Client Sample ID:	P001-CLAY-CF01-02	SDG No.:	Q1421
Lab Sample ID:	Q1421-07	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	75.2
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141764.D	1	02/25/25 09:30	02/25/25 15:06	PB166853

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	240	U	240	440	ug/Kg
108-95-2	Phenol	110	J	110	230	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	110	U	110	230	ug/Kg
95-57-8	2-Chlorophenol	110	U	110	230	ug/Kg
95-48-7	2-Methylphenol	110	U	110	230	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	120	U	120	230	ug/Kg
98-86-2	Acetophenone	120	U	120	230	ug/Kg
65794-96-9	3+4-Methylphenols	110	U	110	440	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	53.6	U	53.6	110	ug/Kg
67-72-1	Hexachloroethane	110	U	110	230	ug/Kg
98-95-3	Nitrobenzene	120	U	120	230	ug/Kg
78-59-1	Isophorone	110	U	110	230	ug/Kg
88-75-5	2-Nitrophenol	130	U	130	230	ug/Kg
105-67-9	2,4-Dimethylphenol	120	U	120	230	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	110	U	110	230	ug/Kg
120-83-2	2,4-Dichlorophenol	100	U	100	230	ug/Kg
91-20-3	Naphthalene	110	U	110	230	ug/Kg
106-47-8	4-Chloroaniline	110	U	110	230	ug/Kg
87-68-3	Hexachlorobutadiene	110	U	110	230	ug/Kg
105-60-2	Caprolactam	120	U	120	440	ug/Kg
59-50-7	4-Chloro-3-methylphenol	100	U	100	230	ug/Kg
91-57-6	2-Methylnaphthalene	110	U	110	230	ug/Kg
77-47-4	Hexachlorocyclopentadiene	210	U	210	440	ug/Kg
88-06-2	2,4,6-Trichlorophenol	94.9	U	94.9	230	ug/Kg
95-95-4	2,4,5-Trichlorophenol	98.4	U	98.4	230	ug/Kg
92-52-4	1,1-Biphenyl	120	U	120	230	ug/Kg
91-58-7	2-Chloronaphthalene	110	U	110	230	ug/Kg
88-74-4	2-Nitroaniline	130	U	130	230	ug/Kg
131-11-3	Dimethylphthalate	110	U	110	230	ug/Kg

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Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	02/24/25
Project:	RFP 905	Date Received:	02/24/25
Client Sample ID:	P001-CLAY-CF01-02	SDG No.:	Q1421
Lab Sample ID:	Q1421-07	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	75.2
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141764.D	1	02/25/25 09:30	02/25/25 15:06	PB166853

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	110	U	110	230	ug/Kg
606-20-2	2,6-Dinitrotoluene	110	U	110	230	ug/Kg
99-09-2	3-Nitroaniline	120	U	120	230	ug/Kg
83-32-9	Acenaphthene	110	U	110	230	ug/Kg
51-28-5	2,4-Dinitrophenol	320	U	320	440	ug/Kg
100-02-7	4-Nitrophenol	150	U	150	440	ug/Kg
132-64-9	Dibenzofuran	110	U	110	230	ug/Kg
121-14-2	2,4-Dinitrotoluene	110	U	110	230	ug/Kg
84-66-2	Diethylphthalate	110	U	110	230	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	110	U	110	230	ug/Kg
86-73-7	Fluorene	110	U	110	230	ug/Kg
100-01-6	4-Nitroaniline	140	U	140	230	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	160	U	160	440	ug/Kg
86-30-6	n-Nitrosodiphenylamine	110	U	110	230	ug/Kg
101-55-3	4-Bromophenyl-phenylether	100	U	100	230	ug/Kg
118-74-1	Hexachlorobenzene	110	U	110	230	ug/Kg
1912-24-9	Atrazine	120	U	120	230	ug/Kg
87-86-5	Pentachlorophenol	100	U	100	440	ug/Kg
85-01-8	Phenanthrene	110	U	110	230	ug/Kg
120-12-7	Anthracene	110	U	110	230	ug/Kg
86-74-8	Carbazole	110	U	110	230	ug/Kg
84-74-2	Di-n-butylphthalate	110	U	110	230	ug/Kg
206-44-0	Fluoranthene	110	U	110	230	ug/Kg
129-00-0	Pyrene	110	U	110	230	ug/Kg
85-68-7	Butylbenzylphthalate	130	UQ	130	230	ug/Kg
91-94-1	3,3-Dichlorobenzidine	130	U	130	440	ug/Kg
56-55-3	Benzo(a)anthracene	110	U	110	230	ug/Kg
218-01-9	Chrysene	110	U	110	230	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	120	U	120	230	ug/Kg
117-84-0	Di-n-octyl phthalate	150	U	150	440	ug/Kg
205-99-2	Benzo(b)fluoranthene	110	U	110	230	ug/Kg

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Fax : 908 789 8922

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	02/24/25
Project:	RFP 905	Date Received:	02/24/25
Client Sample ID:	P001-CLAY-CF01-02	SDG No.:	Q1421
Lab Sample ID:	Q1421-07	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	75.2
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141764.D	1	02/25/25 09:30	02/25/25 15:06	PB166853

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	110	U	110	230	ug/Kg
50-32-8	Benzo(a)pyrene	120	U	120	230	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	100	U	100	230	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	110	U	110	230	ug/Kg
191-24-2	Benzo(g,h,i)perylene	110	U	110	230	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	120	U	120	230	ug/Kg
123-91-1	1,4-Dioxane	150	U	150	230	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	99.3	U	99.3	230	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	135		18 - 112	90%	SPK: 150
13127-88-3	Phenol-d6	133		15 - 107	89%	SPK: 150
4165-60-0	Nitrobenzene-d5	90.8		18 - 107	91%	SPK: 100
321-60-8	2-Fluorobiphenyl	92.8		20 - 109	93%	SPK: 100
118-79-6	2,4,6-Tribromophenol	107		10 - 116	71%	SPK: 150
1718-51-0	Terphenyl-d14	79.4		10 - 105	79%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	71400	6.781			
1146-65-2	Naphthalene-d8	281000	8.063			
15067-26-2	Acenaphthene-d10	149000	9.816			
1517-22-2	Phenanthrene-d10	236000	11.298			
1719-03-5	Chrysene-d12	161000	13.939			
1520-96-3	Perylene-d12	175000	15.386			
TENTATIVE IDENTIFIED COMPOUNDS						
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	140	A		4.99	ug/Kg
001119-40-0	Pentanedioic acid, dimethyl ester	98.8	J		7.61	ug/Kg
000119-61-9	Benzophenone	400	J		10.5	ug/Kg
000057-10-3	n-Hexadecanoic acid	350	J		11.8	ug/Kg
000544-63-8	Tetradecanoic acid	170	J		12.6	ug/Kg
1010351-87-0	Heptadecyl trifluoroacetate	360	J		13.8	ug/Kg
000301-02-0	9-Octadecenamide, (Z)-	160	J		14.7	ug/Kg

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Report of Analysis

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Project:	RFP 905	Date Received:	02/24/25
Client Sample ID:	P001-CLAY-CF01-02	SDG No.:	Q1421
Lab Sample ID:	Q1421-07	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	75.2
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141764.D	1	02/25/25 09:30	02/25/25 15:06	PB166853

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)

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

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Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	02/24/25
Project:	RFP 905	Date Received:	02/24/25
Client Sample ID:	P001-CLAY-CF02-01	SDG No.:	Q1421
Lab Sample ID:	Q1421-09	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	78.4
Sample Wt/Vol:	30.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141765.D	1	02/25/25 09:30	02/25/25 15:35	PB166853

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	230	U	230	420	ug/Kg
108-95-2	Phenol	110	U	110	220	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	110	U	110	220	ug/Kg
95-57-8	2-Chlorophenol	110	U	110	220	ug/Kg
95-48-7	2-Methylphenol	100	U	100	220	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	120	U	120	220	ug/Kg
98-86-2	Acetophenone	110	U	110	220	ug/Kg
65794-96-9	3+4-Methylphenols	100	U	100	420	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	51.3	U	51.3	100	ug/Kg
67-72-1	Hexachloroethane	110	U	110	220	ug/Kg
98-95-3	Nitrobenzene	120	U	120	220	ug/Kg
78-59-1	Isophorone	110	U	110	220	ug/Kg
88-75-5	2-Nitrophenol	120	U	120	220	ug/Kg
105-67-9	2,4-Dimethylphenol	120	U	120	220	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	110	U	110	220	ug/Kg
120-83-2	2,4-Dichlorophenol	96.2	U	96.2	220	ug/Kg
91-20-3	Naphthalene	110	U	110	220	ug/Kg
106-47-8	4-Chloroaniline	110	U	110	220	ug/Kg
87-68-3	Hexachlorobutadiene	110	U	110	220	ug/Kg
105-60-2	Caprolactam	110	U	110	420	ug/Kg
59-50-7	4-Chloro-3-methylphenol	98.7	U	98.7	220	ug/Kg
91-57-6	2-Methylnaphthalene	110	U	110	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	200	U	200	420	ug/Kg
88-06-2	2,4,6-Trichlorophenol	91.0	U	91.0	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	94.3	U	94.3	220	ug/Kg
92-52-4	1,1-Biphenyl	110	U	110	220	ug/Kg
91-58-7	2-Chloronaphthalene	110	U	110	220	ug/Kg
88-74-4	2-Nitroaniline	120	U	120	220	ug/Kg
131-11-3	Dimethylphthalate	100	U	100	220	ug/Kg

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Report of Analysis

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Project:	RFP 905	Date Received:	02/24/25
Client Sample ID:	P001-CLAY-CF02-01	SDG No.:	Q1421
Lab Sample ID:	Q1421-09	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	78.4
Sample Wt/Vol:	30.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141765.D	1	02/25/25 09:30	02/25/25 15:35	PB166853

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	110	U	110	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	110	U	110	220	ug/Kg
99-09-2	3-Nitroaniline	110	U	110	220	ug/Kg
83-32-9	Acenaphthene	100	U	100	220	ug/Kg
51-28-5	2,4-Dinitrophenol	310	U	310	420	ug/Kg
100-02-7	4-Nitrophenol	150	U	150	420	ug/Kg
132-64-9	Dibenzofuran	110	U	110	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	110	U	110	220	ug/Kg
84-66-2	Diethylphthalate	100	U	100	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	110	U	110	220	ug/Kg
86-73-7	Fluorene	110	U	110	220	ug/Kg
100-01-6	4-Nitroaniline	140	U	140	220	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	150	U	150	420	ug/Kg
86-30-6	n-Nitrosodiphenylamine	100	U	100	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	100	U	100	220	ug/Kg
118-74-1	Hexachlorobenzene	110	U	110	220	ug/Kg
1912-24-9	Atrazine	120	U	120	220	ug/Kg
87-86-5	Pentachlorophenol	98.5	U	98.5	420	ug/Kg
85-01-8	Phenanthrene	110	U	110	220	ug/Kg
120-12-7	Anthracene	110	U	110	220	ug/Kg
86-74-8	Carbazole	100	U	100	220	ug/Kg
84-74-2	Di-n-butylphthalate	110	U	110	220	ug/Kg
206-44-0	Fluoranthene	100	U	100	220	ug/Kg
129-00-0	Pyrene	110	U	110	220	ug/Kg
85-68-7	Butylbenzylphthalate	120	UQ	120	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	130	U	130	420	ug/Kg
56-55-3	Benzo(a)anthracene	100	U	100	220	ug/Kg
218-01-9	Chrysene	100	U	100	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	120	U	120	220	ug/Kg
117-84-0	Di-n-octyl phthalate	140	U	140	420	ug/Kg
205-99-2	Benzo(b)fluoranthene	100	U	100	220	ug/Kg

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Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	02/24/25
Project:	RFP 905	Date Received:	02/24/25
Client Sample ID:	P001-CLAY-CF02-01	SDG No.:	Q1421
Lab Sample ID:	Q1421-09	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	78.4
Sample Wt/Vol:	30.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141765.D	1	02/25/25 09:30	02/25/25 15:35	PB166853

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	110	U	110	220	ug/Kg
50-32-8	Benzo(a)pyrene	120	U	120	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	99.5	U	99.5	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	100	U	100	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	100	U	100	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	110	U	110	220	ug/Kg
123-91-1	1,4-Dioxane	140	U	140	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	95.2	U	95.2	220	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	108		18 - 112	72%	SPK: 150
13127-88-3	Phenol-d6	104		15 - 107	70%	SPK: 150
4165-60-0	Nitrobenzene-d5	72.1		18 - 107	72%	SPK: 100
321-60-8	2-Fluorobiphenyl	77.0		20 - 109	77%	SPK: 100
118-79-6	2,4,6-Tribromophenol	84.7		10 - 116	56%	SPK: 150
1718-51-0	Terphenyl-d14	72.2		10 - 105	72%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	69900	6.781			
1146-65-2	Naphthalene-d8	276000	8.063			
15067-26-2	Acenaphthene-d10	147000	9.816			
1517-22-2	Phenanthrene-d10	233000	11.298			
1719-03-5	Chrysene-d12	155000	13.939			
1520-96-3	Perylene-d12	165000	15.386			
TENTATIVE IDENTIFIED COMPOUNDS						
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	150	A		4.99	ug/Kg
000119-61-9	Benzophenone	190	J		10.5	ug/Kg
000057-10-3	n-Hexadecanoic acid	110	J		11.8	ug/Kg
959261-25-7	Pentafluoropropionic acid, octadec	240	J		13.8	ug/Kg
000301-02-0	9-Octadecenamide, (Z)-	85.8	J		14.7	ug/Kg
007683-64-9	Supraene	110	J		14.8	ug/Kg

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Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	02/24/25
Project:	RFP 905	Date Received:	02/24/25
Client Sample ID:	P001-CLAY-CF02-01	SDG No.:	Q1421
Lab Sample ID:	Q1421-09	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	78.4
Sample Wt/Vol:	30.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3541		

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BF141765.D	1	02/25/25 09:30	02/25/25 15:35	PB166853

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)

U = Not Detected
LOQ = Limit of Quantitation
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N = Presumptive Evidence of a Compound
* = Values outside of QC limits
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A = Aldol-Condensation Reaction Products

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LAB CHRONICLE

OrderID:	Q1421	**OrderDate:**	2/24/2025 2:56:42 PM
Client:	Weston Solutions, Inc.	**Project:**	RFP 905
Contact:	Smita Sumbaly	**Location:**	H31,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1421-01	**P001-CLAY-CF01-01**	**SOIL**			**02/24/25**			**02/24/25**
			SVOC-TCL BNA -20	8270E		02/25/25	02/25/25	
Q1421-07	**P001-CLAY-CF01-02**	**SOIL**			**02/24/25**			**02/24/25**
			SVOC-TCL BNA -20	8270E		02/25/25	02/25/25	
Q1421-09	**P001-CLAY-CF02-01**	**SOIL**			**02/24/25**			**02/24/25**
			SVOC-TCL BNA -20	8270E		02/25/25	02/25/25	