

Hit Summary Sheet SW-846

SDG No.: Q1502
Client: Alliance Technical Group, LLC - Newark

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
Client ID :	PT-ACIDS-WP							
Q1502-06	PT-ACIDS-WP	WATER	Phenol	140.000	E	0.91	5	ug/L
Q1502-06	PT-ACIDS-WP	WATER	2-Chlorophenol	39.200		0.58	5	ug/L
Q1502-06	PT-ACIDS-WP	WATER	2-Methylphenol	180.000	E	1.1	5	ug/L
Q1502-06	PT-ACIDS-WP	WATER	3+4-Methylphenols	110.000	E	1.1	10	ug/L
Q1502-06	PT-ACIDS-WP	WATER	2-Nitrophenol	180.000	E	1.8	5	ug/L
Q1502-06	PT-ACIDS-WP	WATER	2,4-Dimethylphenol	200.000	E	1.9	5	ug/L
Q1502-06	PT-ACIDS-WP	WATER	2,4-Dichlorophenol	68.800		0.52	5	ug/L
Q1502-06	PT-ACIDS-WP	WATER	4-Chloro-3-methylphenol	63.200		0.59	5	ug/L
Q1502-06	PT-ACIDS-WP	WATER	2,4,6-Trichlorophenol	130.000	E	0.51	5	ug/L
Q1502-06	PT-ACIDS-WP	WATER	2,4-Dinitrophenol	200.000	E	6	10	ug/L
Q1502-06	PT-ACIDS-WP	WATER	4-Nitrophenol	140.000	E	2.4	10	ug/L
Q1502-06	PT-ACIDS-WP	WATER	4,6-Dinitro-2-methylphenol	96.900	E	2.9	10	ug/L
Q1502-06	PT-ACIDS-WP	WATER	Pentachlorophenol	82.500	E	1.6	10	ug/L
Q1502-06	PT-ACIDS-WP	WATER	2,3,4,6-Tetrachlorophenol	57.400		0.72	5	ug/L
Total Svoc :				1,688.00				
Total Concentration:				1,688.00				
Client ID :	PT-ACIDS-WPDL							
Q1502-06DL	PT-ACIDS-WPDL	WATER	Phenol	150.000	D	4.6	25	ug/L
Q1502-06DL	PT-ACIDS-WPDL	WATER	2-Chlorophenol	39.600	D	2.9	25	ug/L
Q1502-06DL	PT-ACIDS-WPDL	WATER	2-Methylphenol	190.000	D	5.6	25	ug/L
Q1502-06DL	PT-ACIDS-WPDL	WATER	3+4-Methylphenols	110.000	D	5.5	50	ug/L
Q1502-06DL	PT-ACIDS-WPDL	WATER	2-Nitrophenol	170.000	D	8.8	25	ug/L
Q1502-06DL	PT-ACIDS-WPDL	WATER	2,4-Dimethylphenol	210.000	D	9.3	25	ug/L
Q1502-06DL	PT-ACIDS-WPDL	WATER	2,4-Dichlorophenol	67.000	D	2.6	25	ug/L
Q1502-06DL	PT-ACIDS-WPDL	WATER	4-Chloro-3-methylphenol	61.500	D	3	25	ug/L
Q1502-06DL	PT-ACIDS-WPDL	WATER	2,4,6-Trichlorophenol	130.000	D	2.6	25	ug/L
Q1502-06DL	PT-ACIDS-WPDL	WATER	2,4-Dinitrophenol	160.000	D	29.9	50	ug/L
Q1502-06DL	PT-ACIDS-WPDL	WATER	4-Nitrophenol	130.000	D	11.9	50	ug/L
Q1502-06DL	PT-ACIDS-WPDL	WATER	4,6-Dinitro-2-methylphenol	75.600	D	14.4	50	ug/L
Q1502-06DL	PT-ACIDS-WPDL	WATER	Pentachlorophenol	73.800	D	7.9	50	ug/L
Q1502-06DL	PT-ACIDS-WPDL	WATER	2,3,4,6-Tetrachlorophenol	54.800	D	3.6	25	ug/L
Total Svoc :				1,622.30				
Total Concentration:				1,622.30				



SAMPLE DATA

A

B

C

D

Report of Analysis

Client:	Alliance Technical Group, LLC - Newark		Date Collected:	03/03/25
Project:	NJ Waste Water PT		Date Received:	03/05/25
Client Sample ID:	PT-ACIDS-WP		SDG No.:	Q1502
Lab Sample ID:	Q1502-06		Matrix:	Water
Analytical Method:	SW8270		% Solid:	0
Sample Wt/Vol:	1000	Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:		uL	Test:	SVOCMS Group2
Extraction Type :		Decanted : N	Level :	LOW
Injection Volume :		GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024175.D	1	03/12/25 08:45	03/13/25 13:51	PB167097

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
108-95-2	Phenol	140	E	0.91	5.00	ug/L
95-57-8	2-Chlorophenol	39.2		0.58	5.00	ug/L
95-48-7	2-Methylphenol	180	E	1.10	5.00	ug/L
65794-96-9	3+4-Methylphenols	110	E	1.10	10.0	ug/L
88-75-5	2-Nitrophenol	180	E	1.80	5.00	ug/L
105-67-9	2,4-Dimethylphenol	200	E	1.90	5.00	ug/L
120-83-2	2,4-Dichlorophenol	68.8		0.52	5.00	ug/L
65-85-0	Benzoic acid	4.20	U	4.20	10.0	ug/L
59-50-7	4-Chloro-3-methylphenol	63.2		0.59	5.00	ug/L
88-06-2	2,4,6-Trichlorophenol	130	E	0.51	5.00	ug/L
95-95-4	2,4,5-Trichlorophenol	0.62	U	0.62	5.00	ug/L
51-28-5	2,4-Dinitrophenol	200	E	6.00	10.0	ug/L
100-02-7	4-Nitrophenol	140	E	2.40	10.0	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	96.9	E	2.90	10.0	ug/L
87-86-5	Pentachlorophenol	82.5	E	1.60	10.0	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	57.4		0.72	5.00	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	145		10 - 139	97%	SPK: 150
13127-88-3	Phenol-d6	142		10 - 134	95%	SPK: 150
118-79-6	2,4,6-Tribromophenol	151		44 - 137	101%	SPK: 150
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	333000	7.74			
1146-65-2	Naphthalene-d8	1360000	10.534			
15067-26-2	Acenaphthene-d10	823000	14.416			
1517-22-2	Phenanthrene-d10	1600000	17.222			
1719-03-5	Chrysene-d12	1660000	21.698			
1520-96-3	Perylene-d12	1860000	25.121			

Report of Analysis

Client:	Alliance Technical Group, LLC - Newark		Date Collected:	03/03/25
Project:	NJ Waste Water PT		Date Received:	03/05/25
Client Sample ID:	PT-ACIDS-WP		SDG No.:	Q1502
Lab Sample ID:	Q1502-06		Matrix:	Water
Analytical Method:	SW8270		% Solid:	0
Sample Wt/Vol:	1000	Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:		uL	Test:	SVOCMS Group2
Extraction Type :		Decanted : N	Level :	LOW
Injection Volume :		GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024175.D	1	03/12/25 08:45	03/13/25 13:51	PB167097

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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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

Report of Analysis

Client:	Alliance Technical Group, LLC - Newark		Date Collected:	03/03/25
Project:	NJ Waste Water PT		Date Received:	03/05/25
Client Sample ID:	PT-ACIDS-WPDL		SDG No.:	Q1502
Lab Sample ID:	Q1502-06DL		Matrix:	Water
Analytical Method:	SW8270		% Solid:	0
Sample Wt/Vol:	1000	Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:		uL	Test:	SVOCMS Group2
Extraction Type :		Decanted : N	Level :	LOW
Injection Volume :		GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024176.D	5	03/12/25 08:45	03/13/25 15:48	PB167097

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
108-95-2	Phenol	150	D	4.60	25.0	ug/L
95-57-8	2-Chlorophenol	39.6	D	2.90	25.0	ug/L
95-48-7	2-Methylphenol	190	D	5.60	25.0	ug/L
65794-96-9	3+4-Methylphenols	110	D	5.50	50.0	ug/L
88-75-5	2-Nitrophenol	170	D	8.80	25.0	ug/L
105-67-9	2,4-Dimethylphenol	210	D	9.30	25.0	ug/L
120-83-2	2,4-Dichlorophenol	67.0	D	2.60	25.0	ug/L
65-85-0	Benzoic acid	21.0	UD	21.0	50.0	ug/L
59-50-7	4-Chloro-3-methylphenol	61.5	D	3.00	25.0	ug/L
88-06-2	2,4,6-Trichlorophenol	130	D	2.60	25.0	ug/L
95-95-4	2,4,5-Trichlorophenol	3.10	UD	3.10	25.0	ug/L
51-28-5	2,4-Dinitrophenol	160	D	29.9	50.0	ug/L
100-02-7	4-Nitrophenol	130	D	11.9	50.0	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	75.6	D	14.4	50.0	ug/L
87-86-5	Pentachlorophenol	73.8	D	7.90	50.0	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	54.8	D	3.60	25.0	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	149		10 - 139	99%	SPK: 150
13127-88-3	Phenol-d6	148		10 - 134	99%	SPK: 150
118-79-6	2,4,6-Tribromophenol	144		44 - 137	96%	SPK: 150
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	333000		7.752		
1146-65-2	Naphthalene-d8	1380000		10.54		
15067-26-2	Acenaphthene-d10	846000		14.398		
1517-22-2	Phenanthrene-d10	1630000		17.21		
1719-03-5	Chrysene-d12	1670000		21.669		
1520-96-3	Perylene-d12	1840000		25.086		

Report of Analysis

Client:	Alliance Technical Group, LLC - Newark		Date Collected:	03/03/25
Project:	NJ Waste Water PT		Date Received:	03/05/25
Client Sample ID:	PT-ACIDS-WPDL		SDG No.:	Q1502
Lab Sample ID:	Q1502-06DL		Matrix:	Water
Analytical Method:	SW8270		% Solid:	0
Sample Wt/Vol:	1000	Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:		uL	Test:	SVOCMS Group2
Extraction Type :		Decanted : N	Level :	LOW
Injection Volume :		GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
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N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

LAB CHRONICLE

OrderID:	Q1502	OrderDate:	3/6/2025 10:04:07 AM
Client:	Alliance Technical Group, LLC - Newark	Project:	NJ Waste Water PT
Contact:	Mohammad Ahmed	Location:	QA Office, VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1502-03	PT-BN-WP	Water			03/03/25			03/05/25
			SVOCMS Group1	8270E		03/12/25	03/13/25	
Q1502-03DL	PT-BN-WPDL	Water			03/03/25			03/05/25
			SVOCMS Group1	8270E		03/12/25	03/13/25	
Q1502-05	PT-BN-WP	Water			03/03/25			03/05/25
			SVOCMS Group3	8270-Modified		03/13/25	03/14/25	
Q1502-05DL	PT-BN-WPDL	Water			03/03/25			03/05/25
			SVOCMS Group3	8270-Modified		03/13/25	03/14/25	
Q1502-06	PT-ACIDS-WP	Water			03/03/25			03/05/25
			SVOCMS Group2	8270E		03/12/25	03/13/25	
Q1502-06DL	PT-ACIDS-WPDL	Water			03/03/25			03/05/25
			SVOCMS Group2	8270E		03/12/25	03/13/25	
Q1502-08	PT-ACIDS-WP	Water			03/03/25			03/05/25
			SVOCMS Group4	8270-Modified		03/13/25	03/14/25	
Q1502-08DL	PT-ACIDS-WPDL	Water			03/03/25			03/05/25
			SVOCMS Group4	8270-Modified		03/13/25	03/14/25	
Q1502-21	RR-PAH-WP	Water			03/03/25			03/05/25
			SVOCMS Group5	8270-Modified		03/13/25	03/14/25	
Q1502-21DL	RR-PAH-WPDL	Water			03/03/25			03/05/25
			SVOCMS Group5	8270-Modified		03/13/25	03/14/25	
Q1502-22	RR-TRIAZINE-WP	Water			03/07/25			03/11/25
			SVOCMS Group1			03/12/25	03/13/25	