Alliance TECHNICAL GROUP
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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2268

Client: PARSONS Engineering of New York, Inc.

Analytical Method: SW8260-Low

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Lab Sample ID : Q2268-05MSD	**Client Sample ID :**		MW-2-20250605MSD					**Datafile :**	VN086993.D		
Dichlorodifluoromethane	50	0	50.4	ug/L	101		21	*	73	120	20
Chloromethane	50	0	39.8	ug/L	80		11		58	133	20
Vinyl chloride	50	0	51.8	ug/L	104		13		69	125	20
Bromomethane	50	0	25.1	ug/L	50		31	*	28	165	20
Chloroethane	50	0	54.8	ug/L	110		13		70	141	20
Trichlorofluoromethane	50	0	56.8	ug/L	114		15		72	124	20
1,1,2-Trichlorotrifluoroethane	50	0	55.1	ug/L	110		21	*	75	117	20
1,1-Dichloroethene	50	0	57.8	ug/L	116		13		53	162	20
Acetone	250	0	300	ug/L	120		14		44	150	20
Carbon disulfide	50	0	51.4	ug/L	103		14		44	135	20
Methyl tert-butyl Ether	50	0	69.1	ug/L	138	*	13		82	133	20
Methyl Acetate	50	0	50.5	ug/L	101		11		76	138	20
Methylene Chloride	50	0	55.6	ug/L	111		12		79	115	20
trans-1,2-Dichloroethene	50	0	55.4	ug/L	111		13		76	118	20
1,1-Dichloroethane	50	0	56.3	ug/L	113		12		78	122	20
Cyclohexane	50	38.5	100	ug/L	123	*	40	*	71	119	20
2-Butanone	250	12.1	270	ug/L	103		12		67	137	20
Carbon Tetrachloride	50	0	57.7	ug/L	115		14		66	133	20
cis-1,2-Dichloroethene	50	0	59.5	ug/L	119		13		82	124	20
Bromochloromethane	50	0	47.7	ug/L	95		16		72	130	20
Chloroform	50	0	64.7	ug/L	129	*	15		83	119	20
1,1,1-Trichloroethane	50	0	55.5	ug/L	111		10		83	117	20
Methylcyclohexane	50	41.1	110	ug/L	138	*	49	*	64	120	20
Benzene	50	99.8	220	ug/L	240	*	67	*	81	128	20
1,2-Dichloroethane	50	0	55.3	ug/L	111		14		76	120	20
Trichloroethene	50	0	61.2	ug/L	122		16		28	175	20
1,2-Dichloropropane	50	0	57.8	ug/L	116		14		85	116	20
Bromodichloromethane	50	0	63.2	ug/L	126		17		54	157	20
4-Methyl-2-Pentanone	250	0	260	ug/L	104		8		72	137	20
Toluene	50	9.20	72.0	ug/L	126	*	21	*	85	115	20
t-1,3-Dichloropropene	50	0	56.7	ug/L	113		15		60	141	20
cis-1,3-Dichloropropene	50	0	56.6	ug/L	113		13		36	161	20
1,1,2-Trichloroethane	50	0	79.4	ug/L	159		19		27	175	20
2-Hexanone	250	0	290	ug/L	116		11		75	131	20
Dibromochloromethane	50	0	63.6	ug/L	127		13		59	164	20
1,2-Dibromoethane	50	0	62.0	ug/L	124	*	14		85	119	20
Tetrachloroethene	50	0	58.0	ug/L	116		19		48	153	20
Chlorobenzene	50	0	60.5	ug/L	121	*	15		85	114	20
Ethyl Benzene	50	370	660	ug/L	580	*	83	*	81	128	20
m/p-Xylenes	100	480	890	ug/L	410	*	78	*	69	129	20
o-Xylene	50	9.00	67.3	ug/L	117		15		75	127	20
Styrene	50	0	60.9	ug/L	122		16		84	128	20
Bromoform	50	0	67.5	ug/L	135		14		73	147	20
Isopropylbenzene	50	41.8	130	ug/L	176	*	41	*	76	121	20
1,1,2,2-Tetrachloroethane	50	0	63.2	ug/L	126		12		81	131	20

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Analytical Method: SW8260-Low

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
1,3-Dichlorobenzene	50	0	61.3	ug/L	123	*	18		84	110	20
1,4-Dichlorobenzene	50	0	60.8	ug/L	122	*	17		81	111	20
1,2-Dichlorobenzene	50	0	59.8	ug/L	120	*	14		82	113	20
1,2-Dibromo-3-Chloropropane	50	0	56.5	ug/L	113		10		79	137	20
1,2,4-Trichlorobenzene	50	0	54.0	ug/L	108		18		73	120	20
1,2,3-Trichlorobenzene	50	0	53.3	ug/L	107		16		75	119	20