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

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 : Q2268-04MS	**Client Sample ID :** MW-2-20250605MS							**Datafile :** VN086992.D			
Dichlorodifluoromethane	50	0	41.0	ug/L	82				73	120	
Chloromethane	50	0	35.7	ug/L	71				58	133	
Vinyl chloride	50	0	45.6	ug/L	91				69	125	
Bromomethane	50	0	18.3	ug/L	37				28	165	
Chloroethane	50	0	48.1	ug/L	96				70	141	
Trichlorofluoromethane	50	0	49.0	ug/L	98				72	124	
1,1,2-Trichlorotrifluoroethane	50	0	44.8	ug/L	90				75	117	
1,1-Dichloroethene	50	0	50.5	ug/L	101				53	162	
Acetone	250	0	260	ug/L	104				44	150	
Carbon disulfide	50	0	44.5	ug/L	89				44	135	
Methyl tert-butyl Ether	50	0	60.9	ug/L	122				82	133	
Methyl Acetate	50	0	45.3	ug/L	91				76	138	
Methylene Chloride	50	0	49.2	ug/L	98				79	115	
trans-1,2-Dichloroethene	50	0	48.5	ug/L	97				76	118	
1,1-Dichloroethane	50	0	50.0	ug/L	100				78	122	
Cyclohexane	50	38.5	79.3	ug/L	82				71	119	
2-Butanone	250	12.1	240	ug/L	91				67	137	
Carbon Tetrachloride	50	0	49.9	ug/L	100				66	133	
cis-1,2-Dichloroethene	50	0	52.3	ug/L	105				82	124	
Bromochloromethane	50	0	40.7	ug/L	81				72	130	
Chloroform	50	0	55.8	ug/L	112				83	119	
1,1,1-Trichloroethane	50	0	50.2	ug/L	100				83	117	
Methylcyclohexane	50	41.1	83.1	ug/L	84				64	120	
Benzene	50	99.8	160	ug/L	120				81	128	
1,2-Dichloroethane	50	0	48.0	ug/L	96				76	120	
Trichloroethene	50	0	52.0	ug/L	104				28	175	
1,2-Dichloropropane	50	0	50.0	ug/L	100				85	116	
Bromodichloromethane	50	0	53.4	ug/L	107				54	157	
4-Methyl-2-Pentanone	250	0	240	ug/L	96				72	137	
Toluene	50	9.20	60.1	ug/L	102				85	115	
t-1,3-Dichloropropene	50	0	48.8	ug/L	98				60	141	
cis-1,3-Dichloropropene	50	0	49.5	ug/L	99				36	161	
1,1,2-Trichloroethane	50	0	65.4	ug/L	131				27	175	
2-Hexanone	250	0	260	ug/L	104				75	131	
Dibromochloromethane	50	0	55.7	ug/L	111				59	164	
1,2-Dibromoethane	50	0	54.1	ug/L	108				85	119	
Tetrachloroethene	50	0	47.8	ug/L	96				48	153	
Chlorobenzene	50	0	51.9	ug/L	104				85	114	
Ethyl Benzene	50	370	490	ug/L	240	*			81	128	
m/p-Xylenes	100	480	660	ug/L	180	*			69	129	
o-Xylene	50	9.00	59.4	ug/L	101				75	127	
Styrene	50	0	52.0	ug/L	104				84	128	
Bromoform	50	0	58.8	ug/L	118				73	147	
Isopropylbenzene	50	41.8	100	ug/L	116				76	121	
1,1,2,2-Tetrachloroethane	50	0	56.0	ug/L	112				81	131	

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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	51.3	ug/L	103				84	110	
1,4-Dichlorobenzene	50	0	51.4	ug/L	103				81	111	
1,2-Dichlorobenzene	50	0	52.2	ug/L	104				82	113	
1,2-Dibromo-3-Chloropropane	50	0	51.3	ug/L	103				79	137	
1,2,4-Trichlorobenzene	50	0	45.2	ug/L	90				73	120	
1,2,3-Trichlorobenzene	50	0	45.6	ug/L	91				75	119	