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.: Q1531

Client: AECOM Technical Services, 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 : Q1531-09MSD	**Client Sample ID :**	RE103D1-20250306MSD				**Datafile :**	VX045208.D				
Dichlorodifluoromethane	50	0	52.4	ug/L	105		5		32	152	20
Chloromethane	50	0	50.7	ug/L	101		6		50	139	20
Vinyl chloride	50	0	49.2	ug/L	98		7		58	137	20
Bromomethane	50	0	51.7	ug/L	103		8		53	141	20
Chloroethane	50	0	55.4	ug/L	111		11		60	138	20
Trichlorofluoromethane	50	0	53.5	ug/L	107		6		65	141	20
1,1,2-Trichlorotrifluoroethane	50	11.1	65.2	ug/L	108		8		70	136	20
1,1-Dichloroethene	50	1.70	54.9	ug/L	106		8		71	131	20
Acetone	250	1.80	260	ug/L	103		8		39	160	20
Carbon disulfide	50	0	48.5	ug/L	97		9		64	133	20
Methyl tert-butyl Ether	50	0	54.4	ug/L	109		10		71	124	20
Methyl Acetate	50	0	56.8	ug/L	114		13		56	136	20
Methylene Chloride	50	0	53.0	ug/L	106		8		74	124	20
trans-1,2-Dichloroethene	50	0	54.6	ug/L	109		10		75	124	20
1,1-Dichloroethane	50	0	55.3	ug/L	111		10		77	125	20
Cyclohexane	50	0	54.1	ug/L	108		6		71	130	20
2-Butanone	250	0	280	ug/L	112		11		56	143	20
Carbon Tetrachloride	50	0	53.3	ug/L	107		7		72	136	20
cis-1,2-Dichloroethene	50	1.70	55.0	ug/L	107		8		78	123	20
Bromochloromethane	50	0	54.1	ug/L	108		8		78	123	20
Chloroform	50	0	55.1	ug/L	110		9		79	124	20
1,1,1-Trichloroethane	50	0	55.5	ug/L	111		8		74	131	20
Methylcyclohexane	50	0	56.1	ug/L	112		7		72	132	20
Benzene	50	0	53.8	ug/L	108		8		79	120	20
1,2-Dichloroethane	50	0	55.4	ug/L	111		10		73	128	20
Trichloroethene	50	600	620	ug/L	40	*	600	*	79	123	20
1,2-Dichloropropane	50	0	53.1	ug/L	106		8		78	122	20
Bromodichloromethane	50	0	54.7	ug/L	109		8		79	125	20
4-Methyl-2-Pentanone	250	0	280	ug/L	112		7		67	130	20
Toluene	50	0	54.9	ug/L	110		8		80	121	20
t-1,3-Dichloropropene	50	0	59.2	ug/L	118		12		73	127	20
cis-1,3-Dichloropropene	50	0	56.6	ug/L	113		11		75	124	20
1,1,2-Trichloroethane	50	0	54.0	ug/L	108		6		80	119	20
2-Hexanone	250	0	290	ug/L	116		11		57	139	20
Dibromochloromethane	50	0	56.0	ug/L	112		8		74	126	20
1,2-Dibromoethane	50	0	55.7	ug/L	111		10		77	121	20
Tetrachloroethene	50	8.00	60.3	ug/L	105		8		74	129	20
Chlorobenzene	50	0	53.8	ug/L	108		7		82	118	20
Ethyl Benzene	50	0	55.5	ug/L	111		8		79	121	20
m/p-Xylenes	100	0	110	ug/L	110		10		80	121	20
o-Xylene	50	0	54.5	ug/L	109		7		78	122	20
Styrene	50	0	56.6	ug/L	113		7		78	123	20
Bromoform	50	0	55.2	ug/L	110		9		66	130	20
Isopropylbenzene	50	0	55.4	ug/L	111		7		72	131	20
1,1,2,2-Tetrachloroethane	50	0	52.5	ug/L	105		9		71	121	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	54.0	ug/L	108		7		80	119	20
1,4-Dichlorobenzene	50	0	52.9	ug/L	106		7		79	118	20
1,2-Dichlorobenzene	50	0	54.0	ug/L	108		8		80	119	20
1,2-Dibromo-3-Chloropropane	50	0	55.1	ug/L	110		10		62	128	20
1,2,4-Trichlorobenzene	50	0	54.9	ug/L	110		7		69	130	20
1,2,3-Trichlorobenzene	50	0	54.3	ug/L	109		7		69	129	20