284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3097 **Analytical Method:** SW8260-Low

Client: AECOM Technical Services, In **Datafile :** VX047716.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Lab Sample ID : Q3097-03MSD		**Client Sample ID : RE103D2-20250911MSD**									
Dichlorodifluoromethane	50	0	56.0	ug/L	112		13		32	152	20
Chloromethane	50	0	54.5	ug/L	109		9		50	139	20
Vinyl chloride	50	0	52.9	ug/L	106		13		58	137	20
Bromomethane	50	0	55.2	ug/L	110		7		53	141	20
Chloroethane	50	0	51.7	ug/L	103		8		60	138	20
Trichlorofluoromethane	50	0	49.7	ug/L	99		12		65	141	20
1,1,2-Trichlorotrifluoroethane	50	3.00	50.8	ug/L	96		16		70	136	20
1,1-Dichloroethene	50	0	50.9	ug/L	102		10		71	131	20
Acetone	250	3.60	210	ug/L	83		13		39	160	20
Carbon disulfide	50	0	52.6	ug/L	105		9		64	133	20
Methyl tert-butyl Ether	50	0	51.8	ug/L	104		8		71	124	20
Methyl Acetate	50	0	51.2	ug/L	102		9		56	136	20
Methylene Chloride	50	0	51.4	ug/L	103		7		74	124	20
trans-1,2-Dichloroethene	50	0	51.7	ug/L	103		9		75	124	20
1,1-Dichloroethane	50	0	51.2	ug/L	102		9		77	125	20
Cyclohexane	50	0	47.3	ug/L	95		11		71	130	20
2-Butanone	250	2.90	260	ug/L	103		11		56	143	20
Carbon Tetrachloride	50	0	45.5	ug/L	91		14		72	136	20
cis-1,2-Dichloroethene	50	0	52.0	ug/L	104		8		78	123	20
Bromochloromethane	50	0	52.8	ug/L	106		16		78	123	20
Chloroform	50	0.25	51.9	ug/L	103		7		79	124	20
1,1,1-Trichloroethane	50	0	50.4	ug/L	101		8		74	131	20
Methylcyclohexane	50	0	44.4	ug/L	89		14		72	132	20
Benzene	50	0	49.3	ug/L	99		11		79	120	20
1,2-Dichloroethane	50	0	47.7	ug/L	95		12		73	128	20
Trichloroethene	50	250	320	ug/L	140	*	35	*	79	123	20
1,2-Dichloropropane	50	0	48.9	ug/L	98		10		78	122	20
Bromodichloromethane	50	0	48.4	ug/L	97		10		79	125	20
4-Methyl-2-Pentanone	250	0	260	ug/L	104		11		67	130	20
Toluene	50	0	48.2	ug/L	96		11		80	121	20
t-1,3-Dichloropropene	50	0	48.0	ug/L	96		10		73	127	20
cis-1,3-Dichloropropene	50	0	47.9	ug/L	96		9		75	124	20
1,1,2-Trichloroethane	50	0	50.6	ug/L	101		8		80	119	20
2-Hexanone	250	0	250	ug/L	100		11		57	139	20
Dibromochloromethane	50	0	50.8	ug/L	102		9		74	126	20
1,2-Dibromoethane	50	0	52.6	ug/L	105		8		77	121	20
Tetrachloroethene	50	0.87	46.9	ug/L	92		11		74	129	20
Chlorobenzene	50	0	48.7	ug/L	97		10		82	118	20
Ethyl Benzene	50	0	48.1	ug/L	96		9		79	121	20
m/p-Xylenes	100	0	97.3	ug/L	97		12		80	121	20
o-Xylene	50	0	48.5	ug/L	97		10		78	122	20
Styrene	50	0	49.0	ug/L	98		9		78	123	20
Bromoform	50	0	50.3	ug/L	101		9		66	130	20
Isopropylbenzene	50	0	46.2	ug/L	92		12		72	131	20
1,1,2,2-Tetrachloroethane	50	0	50.1	ug/L	100		10		71	121	20

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Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
1,3-Dichlorobenzene	50	0	46.8	ug/L	94		10		80	119	20
1,4-Dichlorobenzene	50	0	46.8	ug/L	94		9		79	118	20
1,2-Dichlorobenzene	50	0	47.7	ug/L	95		11		80	119	20
1,2-Dibromo-3-Chloropropane	50	0	49.5	ug/L	99		8		62	128	20
1,2,4-Trichlorobenzene	50	0	46.1	ug/L	92		10		69	130	20
1,2,3-Trichlorobenzene	50	0	46.6	ug/L	93		8		69	129	20