

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2032

Client: CDM Smith

Analytical Method: SW8260D

Limits											
Parameter	Spike	Sample	Result	Units	Rec		RPD		Low	High	RPD
		Result			Qual	RPD	Qual				
Lab Sample ID :	Q2032-06MSD	Client Sample ID :	TP-24MSD					Datafile :	VY022349.D		
Dichlorodifluoromethane	54.1	0	67.9	ug/Kg	126		17		40	150	20
Chloromethane	54.1	0	45.9	ug/Kg	85		6		24	175	20
Vinyl chloride	54.1	0	72.2	ug/Kg	133		14		21	175	20
Bromomethane	54.1	0	40.4	ug/Kg	75		40	*	46	150	20
Chloroethane	54.1	0	68.0	ug/Kg	126		2		30	175	20
Trichlorofluoromethane	54.1	0	57.0	ug/Kg	105		5		53	150	20
1,1,2-Trichlorotrifluoroethane	54.1	0	80.3	ug/Kg	148	*	29	*	60	135	20
1,1-Dichloroethene	54.1	0	68.0	ug/Kg	126		16		63	136	20
Acetone	270	0	500	ug/Kg	185	*	11		41	175	20
Carbon disulfide	54.1	0	57.7	ug/Kg	107		5		45	126	20
Methyl tert-butyl Ether	54.1	0	47.0	ug/Kg	87		27	*	56	175	20
Methyl Acetate	54.1	0	120	ug/Kg	222	*	27	*	32	175	20
Methylene Chloride	54.1	0	40.2	ug/Kg	74		27	*	59	175	20
trans-1,2-Dichloroethene	54.1	0	52.0	ug/Kg	96		7		63	137	20
1,1-Dichloroethane	54.1	0	46.5	ug/Kg	86		16		62	154	20
Cyclohexane	54.1	0	66.4	ug/Kg	123		25	*	41	131	20
2-Butanone	270	0	330	ug/Kg	122		3		48	174	20
Carbon Tetrachloride	54.1	0	76.2	ug/Kg	141		36	*	48	149	20
cis-1,2-Dichloroethene	54.1	0	45.5	ug/Kg	84		21	*	59	153	20
Bromochloromethane	54.1	0	45.9	ug/Kg	85		21	*	54	172	20
Chloroform	54.1	0	44.4	ug/Kg	82		24	*	60	159	20
1,1,1-Trichloroethane	54.1	0	60.7	ug/Kg	112		8		60	149	20
Methylcyclohexane	54.1	0	81.2	ug/Kg	150	*	40	*	19	135	20
Benzene	54.1	0	53.7	ug/Kg	99		2		59	140	20
1,2-Dichloroethane	54.1	0	51.3	ug/Kg	95		12		63	153	20
Trichloroethene	54.1	0	61.5	ug/Kg	114		13		45	154	20
1,2-Dichloropropane	54.1	0	49.9	ug/Kg	92		6		67	141	20
Bromodichloromethane	54.1	0	48.3	ug/Kg	89		13		54	160	20
4-Methyl-2-Pentanone	270	0	320	ug/Kg	119		6		54	164	20
Toluene	54.1	0	49.3	ug/Kg	91		6		61	134	20
t-1,3-Dichloropropene	54.1	0	42.8	ug/Kg	79		23	*	47	155	20
cis-1,3-Dichloropropene	54.1	0	40.9	ug/Kg	76		25	*	56	141	20
1,1,2-Trichloroethane	54.1	0	56.7	ug/Kg	105		8		69	148	20
2-Hexanone	270	0	290	ug/Kg	107		0		43	164	20
Dibromochloromethane	54.1	0	46.4	ug/Kg	86		21	*	65	143	20
1,2-Dibromoethane	54.1	0	52.9	ug/Kg	98		16		63	144	20
Tetrachloroethene	54.1	0	73.6	ug/Kg	136		36	*	27	175	20
Chlorobenzene	54.1	0	53.7	ug/Kg	99		10		66	127	20
Ethyl Benzene	54.1	0	58.8	ug/Kg	109		20		54	134	20
m/p-Xylenes	110	0	110	ug/Kg	100		14		51	137	20
o-Xylene	54.1	0	55.0	ug/Kg	102		13		57	139	20
Styrene	54.1	0	43.6	ug/Kg	81		9		47	136	20
Bromoform	54.1	0	54.0	ug/Kg	100		0		64	144	20
Isopropylbenzene	54.1	0	77.5	ug/Kg	143		46	*	44	160	20
1,1,2,2-Tetrachloroethane	54.1	0	81.8	ug/Kg	151		35	*	18	175	20

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Parameter	Spike	Sample Result	Result	Units	Rec		RPD		Limits		
					Rec	Qual	RPD	Qual	Low	High	RPD
1,3-Dichlorobenzene	54.1	0	46.9	ug/Kg	87		4		55	131	20
1,4-Dichlorobenzene	54.1	0	44.4	ug/Kg	82		3		57	129	20
1,2-Dichlorobenzene	54.1	0	47.3	ug/Kg	87		2		54	140	20
1,2-Dibromo-3-Chloropropane	54.1	0	62.1	ug/Kg	115		8		46	175	20
1,2,4-Trichlorobenzene	54.1	0	24.3	ug/Kg	45		50	*	12	127	20
1,2,3-Trichlorobenzene	54.1	0	22.1	ug/Kg	41		63	*	10	160	20