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

Surrogate Summary

SDG No.: Q3788

Client: JACOBS Engineering Group, Inc.

Analytical Method: SWSFAM_VOCSIM

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%) Low	High
Q3788-04	OWBR-05-135-120525-SIM	Vinyl chloride-d3	0.5	0.51	103		40	130
		1,2-Dichloroethane-d4	0.5	0.79	157	*	70	130
		1,2-Dichloropropane-d6	0.5	0.42	84		60	140
		Toluene-d8	0.5	0.50	101		70	130
		1,1,2,2-Tetrachloroethane-d2	0.5	0.53	106		65	120
Q3788-05MS	OWBR-05-135-120525-SIMMS	Vinyl chloride-d3	0.5	0.53	107		40	130
		1,2-Dichloroethane-d4	0.5	0.81	162	*	70	130
		1,2-Dichloropropane-d6	0.5	0.56	112		60	140
		Toluene-d8	0.5	0.53	106		70	130
		1,1,2,2-Tetrachloroethane-d2	0.5	0.54	108		65	120
Q3788-06MSD	OWBR-05-135-120525-SIMMSD	Vinyl chloride-d3	0.5	0.49	98		40	130
		1,2-Dichloroethane-d4	0.5	0.81	163	*	70	130
		1,2-Dichloropropane-d6	0.5	0.53	106		60	140
		Toluene-d8	0.5	0.51	101		70	130
		1,1,2,2-Tetrachloroethane-d2	0.5	0.51	102		65	120
Q3788-08	OW-01B-66.5-120525-SIM	Vinyl chloride-d3	0.5	0.53	106		40	130
		1,2-Dichloroethane-d4	0.5	0.44	87		70	130
		1,2-Dichloropropane-d6	0.5	0.40	79		60	140
		Toluene-d8	0.5	0.45	89		70	130
		1,1,2,2-Tetrachloroethane-d2	0.5	0.51	102		65	120
Q3788-10	BR-05-465-120525-SIM	Vinyl chloride-d3	0.5	0.57	113		40	130
		1,2-Dichloroethane-d4	0.5	0.43	86		70	130
		1,2-Dichloropropane-d6	0.5	0.39	77		60	140
		Toluene-d8	0.5	0.44	89		70	130
		1,1,2,2-Tetrachloroethane-d2	0.5	0	0	*	65	120
Q3788-10RE	BR-05-465-120525-SIMRE	Vinyl chloride-d3	0.5	0.57	113		40	130
		1,2-Dichloroethane-d4	0.5	0.44	87		70	130
		1,2-Dichloropropane-d6	0.5	0.38	77		60	140
		Toluene-d8	0.5	0.44	87		70	130
		1,1,2,2-Tetrachloroethane-d2	0.5	0	1	*	65	120
Q3788-12	MW-16B-87.5-120525-SIM	Vinyl chloride-d3	0.5	0.56	111		40	130
		1,2-Dichloroethane-d4	0.5	0.43	85		70	130
		1,2-Dichloropropane-d6	0.5	0.43	85		60	140
		Toluene-d8	0.5	0.47	94		70	130
		1,1,2,2-Tetrachloroethane-d2	0.5	0.52	104		65	120
Q3788-13	TB01-120525	Vinyl chloride-d3	0.5	0.58	117		40	130
		1,2-Dichloroethane-d4	0.5	0.46	92		70	130
		1,2-Dichloropropane-d6	0.5	0.42	85		60	140
		Toluene-d8	0.5	0.46	93		70	130
		1,1,2,2-Tetrachloroethane-d2	0.5	0.53	105		65	120
Q3788-14	VHBLK001	Vinyl chloride-d3	0.5	0.58	116		40	130
		1,2-Dichloroethane-d4	0.5	0.49	99		70	130
		1,2-Dichloropropane-d6	0.5	0.45	89		60	140
		Toluene-d8	0.5	0.49	97		70	130
		1,1,2,2-Tetrachloroethane-d2	0.5	0.58	116		65	120
VV1208WBL01	VBLK237	Vinyl chloride-d3	0.5	0.52	105		40	130
		1,2-Dichloroethane-d4	0.5	0.42	84		70	130
		1,2-Dichloropropane-d6	0.5	0.40	79		60	140
		Toluene-d8	0.5	0.46	92		70	130
		1,1,2,2-Tetrachloroethane-d2	0.5	0.51	102		65	120

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Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
VV1210WBL01	VBLK239	Vinyl chloride-d3	0.5	0.58	116		40	130
		1,2-Dichloroethane-d4	0.5	0.48	95		70	130
		1,2-Dichloropropane-d6	0.5	0.44	88		60	140
		Toluene-d8	0.5	0.50	100		70	130
		1,1,2,2-Tetrachloroethane-d2	0.5	0.55	111		65	120