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

Surrogate Summary

SDG No.: Q3835

Client: JACOBS Engineering Group, Inc.

Analytical Method: SW8260-Low

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
Q3835-01	MW-11A-13.5-121025	1,2-Dichloroethane-d4	50	52.3	105		70 (74)	130 (125)
		Dibromofluoromethane	50	48.8	98		70 (75)	130 (124)
		Toluene-d8	50	45.3	91		70 (86)	130 (113)
		4-Bromofluorobenzene	50	45.1	90		70 (77)	130 (121)
Q3835-01DL	MW-11A-13.5-121025DL	1,2-Dichloroethane-d4	50	60.6	121		70 (74)	130 (125)
		Dibromofluoromethane	50	47.8	96		70 (75)	130 (124)
		Toluene-d8	50	46.9	94		70 (86)	130 (113)
		4-Bromofluorobenzene	50	58.2	116		70 (77)	130 (121)
Q3835-02	OWBR-01-170-121025	1,2-Dichloroethane-d4	50	48.8	98		70 (74)	130 (125)
		Dibromofluoromethane	50	48.5	97		70 (75)	130 (124)
		Toluene-d8	50	49.6	99		70 (86)	130 (113)
		4-Bromofluorobenzene	50	49.2	98		70 (77)	130 (121)
Q3835-04	MW-11B-37.5-121025	1,2-Dichloroethane-d4	50	50.8	102		70 (74)	130 (125)
		Dibromofluoromethane	50	48.0	96		70 (75)	130 (124)
		Toluene-d8	50	43.0	86		70 (86)	130 (113)
		4-Bromofluorobenzene	50	42.0	84		70 (77)	130 (121)
Q3835-04DL	MW-11B-37.5-121025DL	1,2-Dichloroethane-d4	50	55.1	110		70 (74)	130 (125)
		Dibromofluoromethane	50	47.5	95		70 (75)	130 (124)
		Toluene-d8	50	47.1	94		70 (86)	130 (113)
		4-Bromofluorobenzene	50	57.2	114		70 (77)	130 (121)
Q3835-05	MW-01-7-121025	1,2-Dichloroethane-d4	50	59.9	120		70 (74)	130 (125)
		Dibromofluoromethane	50	49.5	99		70 (75)	130 (124)
		Toluene-d8	50	47.3	95		70 (86)	130 (113)
		4-Bromofluorobenzene	50	59.5	119		70 (77)	130 (121)
Q3835-06	TB01-121025	1,2-Dichloroethane-d4	50	51.3	103		70 (74)	130 (125)
		Dibromofluoromethane	50	48.7	97		70 (75)	130 (124)
		Toluene-d8	50	50.3	101		70 (86)	130 (113)
		4-Bromofluorobenzene	50	46.0	92		70 (77)	130 (121)
VX1211WBL01	VX1211WBL01	1,2-Dichloroethane-d4	50	47.5	95		70 (74)	130 (125)
		Dibromofluoromethane	50	47.7	95		70 (75)	130 (124)
		Toluene-d8	50	49.4	99		70 (86)	130 (113)
		4-Bromofluorobenzene	50	43.4	87		70 (77)	130 (121)
VX1211WBS01	VX1211WBS01	1,2-Dichloroethane-d4	50	56.0	112		70 (74)	130 (125)
		Dibromofluoromethane	50	54.6	109		70 (75)	130 (124)
		Toluene-d8	50	53.0	106		70 (86)	130 (113)
		4-Bromofluorobenzene	50	55.2	110		70 (77)	130 (121)
VX1211WBSD0	VX1211WBSD01	1,2-Dichloroethane-d4	50	53.0	106		70 (74)	130 (125)
		Dibromofluoromethane	50	53.2	106		70 (75)	130 (124)
		Toluene-d8	50	53.1	106		70 (86)	130 (113)
		4-Bromofluorobenzene	50	55.6	111		70 (77)	130 (121)
VX1212WBL01	VX1212WBL01	1,2-Dichloroethane-d4	50	57.7	115		70 (74)	130 (125)
		Dibromofluoromethane	50	47.6	95		70 (75)	130 (124)
		Toluene-d8	50	47.8	96		70 (86)	130 (113)
		4-Bromofluorobenzene	50	60.2	120		70 (77)	130 (121)
VX1212WBS01	VX1212WBS01	1,2-Dichloroethane-d4	50	60.2	120		70 (74)	130 (125)
		Dibromofluoromethane	50	56.5	113		70 (75)	130 (124)
		Toluene-d8	50	55.6	111		70 (86)	130 (113)
		4-Bromofluorobenzene	50	60.4	121		70 (77)	130 (121)
VX1215WBL01	VX1215WBL01	1,2-Dichloroethane-d4	50	47.4	95		70 (74)	130 (125)
		Dibromofluoromethane	50	47.9	96		70 (75)	130 (124)

( ) = LABORATORY INHOUSE LIMIT

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Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
VX1215WBL01	VX1215WBL01	Toluene-d8	50	49.3	99		70 (86)	130 (113)
		4-Bromofluorobenzene	50	45.4	91		70 (77)	130 (121)
VX1215WBS01	VX1215WBS01	1,2-Dichloroethane-d4	50	53.8	108		70 (74)	130 (125)
		Dibromofluoromethane	50	55.1	110		70 (75)	130 (124)
		Toluene-d8	50	54.4	109		70 (86)	130 (113)
		4-Bromofluorobenzene	50	56.0	112		70 (77)	130 (121)

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