

Surrogate Summary

SDG No.: **Q3311**

Client: **Core Environmental Consultants and Services, Inc.**

Analytical Method: **SW8260-Low**

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%)	
							Low	High
Q3311-01	MW-218	1,2-Dichloroethane-d4	50	49.9	100		74	125
		Dibromofluoromethane	50	48.5	97		75	124
		Toluene-d8	50	48.1	96		86	113
		4-Bromofluorobenzene	50	51.8	104		77	121
Q3311-01DL	MW-218DL	1,2-Dichloroethane-d4	50	51.2	102		74	125
		Dibromofluoromethane	50	49.0	98		75	124
		Toluene-d8	50	48.3	97		86	113
		4-Bromofluorobenzene	50	53.5	107		77	121
Q3311-02	MW-219	1,2-Dichloroethane-d4	50	49.2	98		74	125
		Dibromofluoromethane	50	54.3	109		75	124
		Toluene-d8	50	53.3	107		86	113
		4-Bromofluorobenzene	50	57.4	115		77	121
Q3311-03MS	MW-219MS	1,2-Dichloroethane-d4	50	46.6	93		74	125
		Dibromofluoromethane	50	51.2	102		75	124
		Toluene-d8	50	47.3	95		86	113
		4-Bromofluorobenzene	50	50.3	101		77	121
Q3311-04MSD	MW-219MSD	1,2-Dichloroethane-d4	50	47.7	95		74	125
		Dibromofluoromethane	50	48.8	98		75	124
		Toluene-d8	50	46.2	92		86	113
		4-Bromofluorobenzene	50	47.8	96		77	121
Q3311-05	MW-1S	1,2-Dichloroethane-d4	50	54.1	108		74	125
		Dibromofluoromethane	50	49.8	100		75	124
		Toluene-d8	50	49.0	98		86	113
		4-Bromofluorobenzene	50	51.6	103		77	121
Q3311-05DL	MW-1SDL	1,2-Dichloroethane-d4	50	55.8	112		74	125
		Dibromofluoromethane	50	50.3	101		75	124
		Toluene-d8	50	48.8	98		86	113
		4-Bromofluorobenzene	50	57.1	114		77	121
Q3311-06	MW-1D	1,2-Dichloroethane-d4	50	55.4	111		74	125
		Dibromofluoromethane	50	50.1	100		75	124
		Toluene-d8	50	49.1	98		86	113
		4-Bromofluorobenzene	50	57.7	115		77	121
Q3311-06DL	MW-1DDL	1,2-Dichloroethane-d4	50	55.6	111		74	125
		Dibromofluoromethane	50	50.5	101		75	124
		Toluene-d8	50	50.0	100		86	113
		4-Bromofluorobenzene	50	56.6	113		77	121
Q3311-07	MW-2S	1,2-Dichloroethane-d4	50	53.2	106		74	125
		Dibromofluoromethane	50	50.3	101		75	124
		Toluene-d8	50	49.7	99		86	113
		4-Bromofluorobenzene	50	58.2	116		77	121
Q3311-08	MW-101S	1,2-Dichloroethane-d4	50	55.5	111		74	125
		Dibromofluoromethane	50	50.7	101		75	124
		Toluene-d8	50	49.6	99		86	113
		4-Bromofluorobenzene	50	55.5	111		77	121
Q3311-08DL	MW-101SDL	1,2-Dichloroethane-d4	50	58.6	117		74	125
		Dibromofluoromethane	50	52.3	104		75	124
		Toluene-d8	50	50.1	100		86	113
		4-Bromofluorobenzene	50	58.6	117		77	121
Q3311-09	C-MW-3	1,2-Dichloroethane-d4	50	55.7	111		74	125
		Dibromofluoromethane	50	50.7	101		75	124

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Q3311-09	C-MW-3	Toluene-d8	50	48.9	98		86	113
		4-Bromofluorobenzene	50	44.3	89		77	121
Q3311-09DL	C-MW-3DL	1,2-Dichloroethane-d4	50	53.4	107		74	125
		Dibromofluoromethane	50	50.4	101		75	124
		Toluene-d8	50	49.3	99		86	113
		4-Bromofluorobenzene	50	56.6	113		77	121
Q3311-10	MW-5BA	1,2-Dichloroethane-d4	50	51.2	102		74	125
		Dibromofluoromethane	50	50.0	100		75	124
		Toluene-d8	50	49.8	100		86	113
		4-Bromofluorobenzene	50	55.9	112		77	121
Q3311-11	MW-6BA	1,2-Dichloroethane-d4	50	49.7	99		74	125
		Dibromofluoromethane	50	48.2	96		75	124
		Toluene-d8	50	47.6	95		86	113
		4-Bromofluorobenzene	50	52.7	105		77	121
Q3311-12	MW-214D	1,2-Dichloroethane-d4	50	53.9	108		74	125
		Dibromofluoromethane	50	50.6	101		75	124
		Toluene-d8	50	50.3	101		86	113
		4-Bromofluorobenzene	50	57.0	114		77	121
Q3311-12DL	MW-214DDL	1,2-Dichloroethane-d4	50	58.1	116		74	125
		Dibromofluoromethane	50	53.5	107		75	124
		Toluene-d8	50	50.2	100		86	113
		4-Bromofluorobenzene	50	61.4	123	*	77	121
Q3311-13	MW-215D	1,2-Dichloroethane-d4	50	54.8	110		74	125
		Dibromofluoromethane	50	50.6	101		75	124
		Toluene-d8	50	48.9	98		86	113
		4-Bromofluorobenzene	50	56.6	113		77	121
Q3311-13DL	MW-215DDL	1,2-Dichloroethane-d4	50	51.0	102		74	125
		Dibromofluoromethane	50	47.5	95		75	124
		Toluene-d8	50	46.9	94		86	113
		4-Bromofluorobenzene	50	51.2	102		77	121
Q3311-14	MW-227B	1,2-Dichloroethane-d4	50	52.3	105		74	125
		Dibromofluoromethane	50	51.3	103		75	124
		Toluene-d8	50	47.7	95		86	113
		4-Bromofluorobenzene	50	54.4	109		77	121
Q3311-14DL	MW-227BDL	1,2-Dichloroethane-d4	50	54.1	108		74	125
		Dibromofluoromethane	50	50.2	100		75	124
		Toluene-d8	50	50.6	101		86	113
		4-Bromofluorobenzene	50	56.3	113		77	121
Q3311-15	GW-DUP	1,2-Dichloroethane-d4	50	51.3	103		74	125
		Dibromofluoromethane	50	48.6	97		75	124
		Toluene-d8	50	49.1	98		86	113
		4-Bromofluorobenzene	50	53.4	107		77	121
VX1009WBL01	VX1009WBL01	1,2-Dichloroethane-d4	50	56.5	113		74	125
		Dibromofluoromethane	50	51.8	104		75	124
		Toluene-d8	50	50.1	100		86	113
		4-Bromofluorobenzene	50	57.9	116		77	121
VX1009WBS02	VX1009WBS02	1,2-Dichloroethane-d4	50	49.8	99		74	125
		Dibromofluoromethane	50	52.2	104		75	124
		Toluene-d8	50	50.5	101		86	113
		4-Bromofluorobenzene	50	50.9	102		77	121

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VX1010WBL01	VX1010WBL01	1,2-Dichloroethane-d4	50	49.5	99		74	125
		Dibromofluoromethane	50	48.9	98		75	124
		Toluene-d8	50	49.5	99		86	113
		4-Bromofluorobenzene	50	54.5	109		77	121
VX1010WBS01	VX1010WBS01	1,2-Dichloroethane-d4	50	45.4	91		74	125
		Dibromofluoromethane	50	50.1	100		75	124
		Toluene-d8	50	48.3	97		86	113
		4-Bromofluorobenzene	50	49.2	98		77	121
VX1013WBL01	VX1013WBL01	1,2-Dichloroethane-d4	50	49.8	100		74	125
		Dibromofluoromethane	50	48.9	98		75	124
		Toluene-d8	50	48.3	97		86	113
		4-Bromofluorobenzene	50	54.5	109		77	121
VX1013WBS01	VX1013WBS01	1,2-Dichloroethane-d4	50	50.5	101		74	125
		Dibromofluoromethane	50	55.6	111		75	124
		Toluene-d8	50	53.9	108		86	113
		4-Bromofluorobenzene	50	54.8	110		77	121
VX1014WBL01	VX1014WBL01	1,2-Dichloroethane-d4	50	55.0	110		74	125
		Dibromofluoromethane	50	52.0	104		75	124
		Toluene-d8	50	50.4	101		86	113
		4-Bromofluorobenzene	50	56.5	113		77	121
VX1014WBS01	VX1014WBS01	1,2-Dichloroethane-d4	50	42.8	86		74	125
		Dibromofluoromethane	50	52.5	105		75	124
		Toluene-d8	50	51.6	103		86	113
		4-Bromofluorobenzene	50	52.1	104		77	121
VX1017WBL01	VX1017WBL01	1,2-Dichloroethane-d4	50	53.1	106		74	125
		Dibromofluoromethane	50	51.2	102		75	124
		Toluene-d8	50	50.0	100		86	113
		4-Bromofluorobenzene	50	59.1	118		77	121
VX1017WBS01	VX1017WBS01	1,2-Dichloroethane-d4	50	43.7	87		74	125
		Dibromofluoromethane	50	51.2	102		75	124
		Toluene-d8	50	48.1	96		86	113
		4-Bromofluorobenzene	50	47.9	96		77	121