

Surrogate Summary

SDG No.: **Q2814**

Client: **First Environment, Inc.**

Analytical Method: **SW8260-Low**

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%)	
							Low	High
Q2814-01	TW-84SB-E	1,2-Dichloroethane-d4	50	50.2	100		81	118
		Dibromofluoromethane	50	50.9	102		80	119
		Toluene-d8	50	45.0	90		89	112
		4-Bromofluorobenzene	50	50.6	101		85	114
Q2814-02	TW-17M-N	1,2-Dichloroethane-d4	50	54.2	108		81	118
		Dibromofluoromethane	50	49.7	99		80	119
		Toluene-d8	50	55.6	111		89	112
		4-Bromofluorobenzene	50	54.0	108		85	114
Q2814-03	TW-17M-W	1,2-Dichloroethane-d4	50	49.9	100		81	118
		Dibromofluoromethane	50	52.2	104		80	119
		Toluene-d8	50	45.6	91		89	112
		4-Bromofluorobenzene	50	51.4	103		85	114
Q2814-04	TW-82H-N	1,2-Dichloroethane-d4	50	50.1	100		81	118
		Dibromofluoromethane	50	52.6	105		80	119
		Toluene-d8	50	46.0	92		89	112
		4-Bromofluorobenzene	50	51.5	103		85	114
Q2814-05	TW-82H-E	1,2-Dichloroethane-d4	50	48.0	96		81	118
		Dibromofluoromethane	50	50.7	101		80	119
		Toluene-d8	50	44.5	89		89	112
		4-Bromofluorobenzene	50	50.6	101		85	114
Q2814-06	TW-82H-S	1,2-Dichloroethane-d4	50	43.1	86		81	118
		Dibromofluoromethane	50	45.4	91		80	119
		Toluene-d8	50	39.5	79	*	89	112
		4-Bromofluorobenzene	50	44.2	88		85	114
Q2814-06RE	TW-82H-SRE	1,2-Dichloroethane-d4	50	59.8	119	*	81	118
		Dibromofluoromethane	50	57.3	114		80	119
		Toluene-d8	50	48.0	96		89	112
		4-Bromofluorobenzene	50	55.5	111		85	114
Q2814-07	TW-82H-W	1,2-Dichloroethane-d4	50	42.2	84		81	118
		Dibromofluoromethane	50	43.3	86		80	119
		Toluene-d8	50	37.6	75	*	89	112
		4-Bromofluorobenzene	50	42.7	85		85	114
Q2814-07RE	TW-82H-WRE	1,2-Dichloroethane-d4	50	62.2	124	*	81	118
		Dibromofluoromethane	50	57.6	115		80	119
		Toluene-d8	50	47.5	95		89	112
		4-Bromofluorobenzene	50	55.6	111		85	114
Q2814-08	TW-38M-E	1,2-Dichloroethane-d4	50	51.2	102		81	118
		Dibromofluoromethane	50	53.0	106		80	119
		Toluene-d8	50	45.8	92		89	112
		4-Bromofluorobenzene	50	52.1	104		85	114
Q2814-09	TW-38M-W	1,2-Dichloroethane-d4	50	52.7	105		81	118
		Dibromofluoromethane	50	54.4	109		80	119
		Toluene-d8	50	47.7	95		89	112
		4-Bromofluorobenzene	50	53.1	106		85	114
Q2814-10	TW-38M-N	1,2-Dichloroethane-d4	50	50.1	100		81	118
		Dibromofluoromethane	50	51.7	103		80	119
		Toluene-d8	50	45.1	90		89	112
		4-Bromofluorobenzene	50	50.3	101		85	114
Q2814-11	TW-38M-S	1,2-Dichloroethane-d4	50	54.0	108		81	118
		Dibromofluoromethane	50	55.4	111		80	119

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Q2814-11	TW-38M-S	Toluene-d8	50	48.4	97		89	112
		4-Bromofluorobenzene	50	53.9	108		85	114
Q2814-12	TW-BP-S	1,2-Dichloroethane-d4	50	71.5	143	*	81	118
		Dibromofluoromethane	50	71.3	142	*	80	119
		Toluene-d8	50	60.9	122	*	89	112
		4-Bromofluorobenzene	50	67.5	135	*	85	114
Q2814-12RE	TW-BP-SRE	1,2-Dichloroethane-d4	50	59.6	119	*	81	118
		Dibromofluoromethane	50	57.5	115		80	119
		Toluene-d8	50	48.3	97		89	112
		4-Bromofluorobenzene	50	55.1	110		85	114
Q2814-13	TW-BP-N	1,2-Dichloroethane-d4	50	52.5	105		81	118
		Dibromofluoromethane	50	54.3	109		80	119
		Toluene-d8	50	46.2	92		89	112
		4-Bromofluorobenzene	50	52.1	104		85	114
Q2814-14	TW-BP-E	1,2-Dichloroethane-d4	50	50.3	101		81	118
		Dibromofluoromethane	50	52.9	106		80	119
		Toluene-d8	50	46.0	92		89	112
		4-Bromofluorobenzene	50	51.2	102		85	114
Q2814-15	TW-BP-W	1,2-Dichloroethane-d4	50	50.9	102		81	118
		Dibromofluoromethane	50	52.1	104		80	119
		Toluene-d8	50	45.0	90		89	112
		4-Bromofluorobenzene	50	51.0	102		85	114
Q2814-16	FB	1,2-Dichloroethane-d4	50	56.7	113		81	118
		Dibromofluoromethane	50	55.1	110		80	119
		Toluene-d8	50	46.3	93		89	112
		4-Bromofluorobenzene	50	53.2	106		85	114
Q2814-17	TW-518R-S	1,2-Dichloroethane-d4	50	55.7	111		81	118
		Dibromofluoromethane	50	49.6	99		80	119
		Toluene-d8	50	55.0	110		89	112
		4-Bromofluorobenzene	50	53.4	107		85	114
Q2814-18	TW-518R-N	1,2-Dichloroethane-d4	50	62.0	124	*	81	118
		Dibromofluoromethane	50	56.7	113		80	119
		Toluene-d8	50	46.4	93		89	112
		4-Bromofluorobenzene	50	53.8	108		85	114
Q2814-18RE	TW-518R-NRE	1,2-Dichloroethane-d4	50	58.3	117		81	118
		Dibromofluoromethane	50	50.1	100		80	119
		Toluene-d8	50	56.5	113	*	89	112
		4-Bromofluorobenzene	50	54.7	109		85	114
Q2814-19	TW-518R-E	1,2-Dichloroethane-d4	50	61.3	123	*	81	118
		Dibromofluoromethane	50	55.7	111		80	119
		Toluene-d8	50	45.6	91		89	112
		4-Bromofluorobenzene	50	53.3	107		85	114
Q2814-19RE	TW-518R-ERE	1,2-Dichloroethane-d4	50	59.5	119	*	81	118
		Dibromofluoromethane	50	49.6	99		80	119
		Toluene-d8	50	54.3	109		89	112
		4-Bromofluorobenzene	50	54.2	108		85	114
Q2814-20	TW-518R-W	1,2-Dichloroethane-d4	50	58.0	116		81	118
		Dibromofluoromethane	50	54.0	108		80	119
		Toluene-d8	50	44.9	90		89	112
		4-Bromofluorobenzene	50	50.1	100		85	114

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							Low	High
Q2814-21	TB	1,2-Dichloroethane-d4	50	57.1	114		81	118
		Dibromofluoromethane	50	50.3	101		80	119
		Toluene-d8	50	55.0	110		89	112
		4-Bromofluorobenzene	50	51.8	104		85	114
VX0812WBL02	VX0812WBL02	1,2-Dichloroethane-d4	50	55.8	112		81	118
		Dibromofluoromethane	50	49.5	99		80	119
		Toluene-d8	50	55.1	110		89	112
		4-Bromofluorobenzene	50	53.2	106		85	114
VX0812WBS01	VX0812WBS01	1,2-Dichloroethane-d4	50	47.0	94		81	118
		Dibromofluoromethane	50	50.5	101		80	119
		Toluene-d8	50	44.5	89		89	112
		4-Bromofluorobenzene	50	48.2	96		85	114
VX0812WBSD0	VX0812WBSD01	1,2-Dichloroethane-d4	50	48.9	98		81	118
		Dibromofluoromethane	50	51.1	102		80	119
		Toluene-d8	50	45.3	91		89	112
		4-Bromofluorobenzene	50	51.3	103		85	114
VX0813WBL01	VX0813WBL01	1,2-Dichloroethane-d4	50	57.9	116		81	118
		Dibromofluoromethane	50	56.7	113		80	119
		Toluene-d8	50	47.1	94		89	112
		4-Bromofluorobenzene	50	53.6	107		85	114
VX0813WBS01	VX0813WBS01	1,2-Dichloroethane-d4	50	54.7	109		81	118
		Dibromofluoromethane	50	55.7	111		80	119
		Toluene-d8	50	48.4	97		89	112
		4-Bromofluorobenzene	50	54.4	109		85	114
VX0814WBL01	VX0814WBL01	1,2-Dichloroethane-d4	50	57.0	114		81	118
		Dibromofluoromethane	50	50.3	101		80	119
		Toluene-d8	50	54.9	110		89	112
		4-Bromofluorobenzene	50	52.8	106		85	114
VX0814WBS02	VX0814WBS02	1,2-Dichloroethane-d4	50	56.5	113		81	118
		Dibromofluoromethane	50	57.6	115		80	119
		Toluene-d8	50	48.0	96		89	112
		4-Bromofluorobenzene	50	56.2	112		85	114