

Surrogate Summary

SDG No.: **Q2820**

Client: **First Environment, Inc.**

Analytical Method: **SW8260D**

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%)	
							Low	High
Q2820-01	82H-S	1,2-Dichloroethane-d4	50	52.2	104		71	136
		Dibromofluoromethane	50	51.1	102		78	119
		Toluene-d8	50	50.7	101		85	116
		4-Bromofluorobenzene	50	42.2	84		79	119
Q2820-02	82H-W	1,2-Dichloroethane-d4	50	58.2	116		71	136
		Dibromofluoromethane	50	55.5	111		78	119
		Toluene-d8	50	50.8	102		85	116
		4-Bromofluorobenzene	50	51.6	103		79	119
Q2820-03	82H-N	1,2-Dichloroethane-d4	50	57.5	115		71	136
		Dibromofluoromethane	50	55.6	111		78	119
		Toluene-d8	50	52.2	104		85	116
		4-Bromofluorobenzene	50	52.2	104		79	119
Q2820-04	SOIL-DUP-1	1,2-Dichloroethane-d4	50	58.1	116		71	136
		Dibromofluoromethane	50	56.6	113		78	119
		Toluene-d8	50	51.4	103		85	116
		4-Bromofluorobenzene	50	50.7	101		79	119
Q2820-05	518R-E	1,2-Dichloroethane-d4	50	59.5	119		71	136
		Dibromofluoromethane	50	56.2	112		78	119
		Toluene-d8	50	50.2	100		85	116
		4-Bromofluorobenzene	50	47.2	94		79	119
Q2820-06	518R-N	1,2-Dichloroethane-d4	50	54.5	109		71	136
		Dibromofluoromethane	50	54.8	110		78	119
		Toluene-d8	50	48.4	97		85	116
		4-Bromofluorobenzene	50	41.0	82		79	119
Q2820-07	518R-S	1,2-Dichloroethane-d4	50	57.2	114		71	136
		Dibromofluoromethane	50	54.7	109		78	119
		Toluene-d8	50	48.0	96		85	116
		4-Bromofluorobenzene	50	45.9	92		79	119
Q2820-08	518R-W	1,2-Dichloroethane-d4	50	59.0	118		71	136
		Dibromofluoromethane	50	59.4	119		78	119
		Toluene-d8	50	53.0	106		85	116
		4-Bromofluorobenzene	50	50.8	102		79	119
Q2820-09	705R-S	1,2-Dichloroethane-d4	50	65.6	131		71	136
		Dibromofluoromethane	50	55.3	111		78	119
		Toluene-d8	50	48.7	97		85	116
		4-Bromofluorobenzene	50	48.8	98		79	119
Q2820-10	SOIL-DUP-2	1,2-Dichloroethane-d4	50	59.4	119		71	136
		Dibromofluoromethane	50	56.6	113		78	119
		Toluene-d8	50	50.1	100		85	116
		4-Bromofluorobenzene	50	43.7	87		79	119
Q2820-11	10PC-W	1,2-Dichloroethane-d4	50	59.8	120		71	136
		Dibromofluoromethane	50	55.3	111		78	119
		Toluene-d8	50	50.3	101		85	116
		4-Bromofluorobenzene	50	52.7	105		79	119
Q2820-12	10PC-S	1,2-Dichloroethane-d4	50	57.1	114		71	136
		Dibromofluoromethane	50	56.8	114		78	119
		Toluene-d8	50	50.7	101		85	116
		4-Bromofluorobenzene	50	50.6	101		79	119
Q2820-13	10P-W	1,2-Dichloroethane-d4	50	54.2	108		71	136
		Dibromofluoromethane	50	52.8	106		78	119

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							Low	High
Q2820-13	10P-W	Toluene-d8	50	46.6	93		85	116
		4-Bromofluorobenzene	50	45.5	91		79	119
Q2820-14	10P-E	1,2-Dichloroethane-d4	50	61.1	122		71	136
		Dibromofluoromethane	50	53.0	106		78	119
		Toluene-d8	50	47.6	95		85	116
		4-Bromofluorobenzene	50	45.1	90		79	119
Q2820-15	10P-S	1,2-Dichloroethane-d4	50	53.2	106		71	136
		Dibromofluoromethane	50	52.6	105		78	119
		Toluene-d8	50	51.2	102		85	116
		4-Bromofluorobenzene	50	50.2	100		79	119
Q2820-16	10P-N	1,2-Dichloroethane-d4	50	59.6	119		71	136
		Dibromofluoromethane	50	55.1	110		78	119
		Toluene-d8	50	50.5	101		85	116
		4-Bromofluorobenzene	50	51.5	103		79	119
Q2820-17	88H-E	1,2-Dichloroethane-d4	50	60.2	120		71	136
		Dibromofluoromethane	50	55.2	110		78	119
		Toluene-d8	50	49.1	98		85	116
		4-Bromofluorobenzene	50	48.8	98		79	119
Q2820-18	88H-N	1,2-Dichloroethane-d4	50	58.4	117		71	136
		Dibromofluoromethane	50	55.7	111		78	119
		Toluene-d8	50	50.5	101		85	116
		4-Bromofluorobenzene	50	53.0	106		79	119
Q2820-19	88H-W	1,2-Dichloroethane-d4	50	59.5	119		71	136
		Dibromofluoromethane	50	54.5	109		78	119
		Toluene-d8	50	50.2	100		85	116
		4-Bromofluorobenzene	50	50.0	100		79	119
Q2820-20	88H-S	1,2-Dichloroethane-d4	50	60.4	121		71	136
		Dibromofluoromethane	50	55.3	111		78	119
		Toluene-d8	50	49.9	100		85	116
		4-Bromofluorobenzene	50	48.3	97		79	119
Q2820-21	22M-N	1,2-Dichloroethane-d4	50	57.1	114		71	136
		Dibromofluoromethane	50	52.7	105		78	119
		Toluene-d8	50	51.8	104		85	116
		4-Bromofluorobenzene	50	48.4	97		79	119
Q2820-22	22M-W	1,2-Dichloroethane-d4	50	60.8	122		71	136
		Dibromofluoromethane	50	52.8	106		78	119
		Toluene-d8	50	51.5	103		85	116
		4-Bromofluorobenzene	50	42.6	85		79	119
Q2820-23	22M-E	1,2-Dichloroethane-d4	50	57.1	114		71	136
		Dibromofluoromethane	50	52.7	105		78	119
		Toluene-d8	50	50.8	102		85	116
		4-Bromofluorobenzene	50	41.5	83		79	119
Q2820-24	22M-S	1,2-Dichloroethane-d4	50	55.7	111		71	136
		Dibromofluoromethane	50	51.4	103		78	119
		Toluene-d8	50	51.0	102		85	116
		4-Bromofluorobenzene	50	48.3	97		79	119
VW0814SBL01	VW0814SBL01	1,2-Dichloroethane-d4	50	54.7	109		71	136
		Dibromofluoromethane	50	54.7	109		78	119
		Toluene-d8	50	49.3	99		85	116
		4-Bromofluorobenzene	50	46.6	93		79	119

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							Low	High
VW0814SBS01	VW0814SBS01	1,2-Dichloroethane-d4	50	49.2	98		71	136
		Dibromofluoromethane	50	53.4	107		78	119
		Toluene-d8	50	51.8	104		85	116
		4-Bromofluorobenzene	50	49.2	98		79	119
VW0814SBSD0	VW0814SBSD01	1,2-Dichloroethane-d4	50	46.8	94		71	136
		Dibromofluoromethane	50	50.5	101		78	119
		Toluene-d8	50	50.1	100		85	116
		4-Bromofluorobenzene	50	49.6	99		79	119
VY0815SBL01	VY0815SBL01	1,2-Dichloroethane-d4	50	59.8	120		71	136
		Dibromofluoromethane	50	52.7	105		78	119
		Toluene-d8	50	52.4	105		85	116
		4-Bromofluorobenzene	50	47.5	95		79	119
VY0815SBS01	VY0815SBS01	1,2-Dichloroethane-d4	50	51.7	103		71	136
		Dibromofluoromethane	50	49.3	99		78	119
		Toluene-d8	50	50.2	100		85	116
		4-Bromofluorobenzene	50	48.5	97		79	119
VY0819SBL01	VY0819SBL01	1,2-Dichloroethane-d4	50	53.4	107		71	136
		Dibromofluoromethane	50	52.4	105		78	119
		Toluene-d8	50	51.3	103		85	116
		4-Bromofluorobenzene	50	49.5	99		79	119
VY0819SBS01	VY0819SBS01	1,2-Dichloroethane-d4	50	47.4	95		71	136
		Dibromofluoromethane	50	48.6	97		78	119
		Toluene-d8	50	49.6	99		85	116
		4-Bromofluorobenzene	50	48.5	97		79	119