

Surrogate Summary

SDG No.: **Q1914**

Client: **CDM Smith**

Analytical Method: **SW8260D**

Lab Sample ID	Client ID	Parameter	Spike	Result	RecoveryQual	Limits	
						Low	High
Q1914-01	SS-1	1,2-Dichloroethane-d4	50	46.7	93	63	155
		Dibromofluoromethane	50	48.7	97	70	134
		Toluene-d8	50	47.7	95	74	123
		4-Bromofluorobenzene	50	43.8	88	38	136
Q1914-02	SS-91	1,2-Dichloroethane-d4	50	43.1	86	63	155
		Dibromofluoromethane	50	46.8	94	70	134
		Toluene-d8	50	48.4	97	74	123
		4-Bromofluorobenzene	50	44.5	89	38	136
Q1914-03	SS-2	1,2-Dichloroethane-d4	50	54.8	110	63	155
		Dibromofluoromethane	50	50.6	101	70	134
		Toluene-d8	50	48.3	97	74	123
		4-Bromofluorobenzene	50	48.0	96	38	136
Q1914-04	SS-3	1,2-Dichloroethane-d4	50	50.8	102	63	155
		Dibromofluoromethane	50	49.7	99	70	134
		Toluene-d8	50	48.0	96	74	123
		4-Bromofluorobenzene	50	45.0	90	38	136
Q1914-05	SS-4	1,2-Dichloroethane-d4	50	50.7	101	63	155
		Dibromofluoromethane	50	49.4	99	70	134
		Toluene-d8	50	47.2	94	74	123
		4-Bromofluorobenzene	50	39.7	79	38	136
Q1914-06	SS-5	1,2-Dichloroethane-d4	50	47.8	96	63	155
		Dibromofluoromethane	50	49.1	98	70	134
		Toluene-d8	50	58.2	116	74	123
		4-Bromofluorobenzene	50	55.5	111	38	136
Q1914-06ME	SS-5ME	1,2-Dichloroethane-d4	50	48.1	96	63	155
		Dibromofluoromethane	50	55.8	112	70	134
		Toluene-d8	50	52.0	104	74	123
		4-Bromofluorobenzene	50	48.0	96	38	136
Q1914-07	SS-6	1,2-Dichloroethane-d4	50	35.5	71	63	155
		Dibromofluoromethane	50	45.0	90	70	134
		Toluene-d8	50	54.9	110	74	123
		4-Bromofluorobenzene	50	54.3	109	38	136
Q1914-07ME	SS-6ME	1,2-Dichloroethane-d4	50	47.0	94	63	155
		Dibromofluoromethane	50	55.4	111	70	134
		Toluene-d8	50	54.9	110	74	123
		4-Bromofluorobenzene	50	56.4	113	38	136
Q1914-07MEDL	SS-6MEDL	1,2-Dichloroethane-d4	50	46.5	93	63	155
		Dibromofluoromethane	50	59.7	119	70	134
		Toluene-d8	50	52.5	105	74	123
		4-Bromofluorobenzene	50	54.2	108	38	136
Q1914-08	SS-7	1,2-Dichloroethane-d4	50	45.4	91	63	155
		Dibromofluoromethane	50	55.7	111	70	134
		Toluene-d8	50	52.8	106	74	123
		4-Bromofluorobenzene	50	49.8	100	38	136
Q1914-08DL	SS-7DL	1,2-Dichloroethane-d4	50	47.7	95	63	155
		Dibromofluoromethane	50	58.3	117	70	134
		Toluene-d8	50	50.2	100	74	123
		4-Bromofluorobenzene	50	49.9	100	38	136
Q1914-09	SS-8	1,2-Dichloroethane-d4	50	36.9	74	63	155
		Dibromofluoromethane	50	48.3	97	70	134

Surrogate Summary

SDG No.: **Q1914**

Client: **CDM Smith**

Analytical Method: **SW8260D**

Lab Sample ID	Client ID	Parameter	Spike	Result	RecoveryQual	Limits	
						Low	High
Q1914-09	SS-8	Toluene-d8	50	104	208 *	74	123
		4-Bromofluorobenzene	50	224	447 *	38	136
Q1914-09ME	SS-8ME	1,2-Dichloroethane-d4	50	45.8	92	63	155
		Dibromofluoromethane	50	54.7	109	70	134
		Toluene-d8	50	52.7	105	74	123
		4-Bromofluorobenzene	50	52.7	105	38	136
Q1914-09MEDL	SS-8MEDL	1,2-Dichloroethane-d4	50	47.5	95	63	155
		Dibromofluoromethane	50	59.2	118	70	134
		Toluene-d8	50	51.5	103	74	123
		4-Bromofluorobenzene	50	53.6	107	38	136
Q1914-10MS	SS-8MS	1,2-Dichloroethane-d4	50	41.1	82	63	155
		Dibromofluoromethane	50	47.5	95	70	134
		Toluene-d8	50	113	225 *	74	123
		4-Bromofluorobenzene	50	259	518 *	38	136
Q1914-11MSD	SS-8MSD	1,2-Dichloroethane-d4	50	48.9	98	63	155
		Dibromofluoromethane	50	50.0	100	70	134
		Toluene-d8	50	76.8	154 *	74	123
		4-Bromofluorobenzene	50	168	336 *	38	136
Q1914-12	SS-9	1,2-Dichloroethane-d4	50	56.4	113	63	155
		Dibromofluoromethane	50	52.0	104	70	134
		Toluene-d8	50	49.2	98	74	123
		4-Bromofluorobenzene	50	38.8	78	38	136
VN0505MBL01	VN0505MBL01	1,2-Dichloroethane-d4	50	48.4	97	63	155
		Dibromofluoromethane	50	60.5	121	70	134
		Toluene-d8	50	51.1	102	74	123
		4-Bromofluorobenzene	50	48.6	97	38	136
VN0505MBS01	VN0505MBS01	1,2-Dichloroethane-d4	50	51.5	103	63	155
		Dibromofluoromethane	50	57.3	115	70	134
		Toluene-d8	50	50.8	102	74	123
		4-Bromofluorobenzene	50	51.3	103	38	136
VN0505MBSD0	VN0505MBSD01	1,2-Dichloroethane-d4	50	51.3	103	63	155
		Dibromofluoromethane	50	58.2	116	70	134
		Toluene-d8	50	51.0	102	74	123
		4-Bromofluorobenzene	50	51.0	102	38	136
VN0506MBL01	VN0506MBL01	1,2-Dichloroethane-d4	50	46.9	94	63	155
		Dibromofluoromethane	50	60.6	121	70	134
		Toluene-d8	50	50.7	101	74	123
		4-Bromofluorobenzene	50	48.7	97	38	136
VN0506MBS01	VN0506MBS01	1,2-Dichloroethane-d4	50	48.6	97	63	155
		Dibromofluoromethane	50	57.7	115	70	134
		Toluene-d8	50	50.2	100	74	123
		4-Bromofluorobenzene	50	47.2	94	38	136
VN0506MBSD0	VN0506MBSD01	1,2-Dichloroethane-d4	50	49.5	99	63	155
		Dibromofluoromethane	50	59.4	119	70	134
		Toluene-d8	50	51.3	103	74	123
		4-Bromofluorobenzene	50	50.7	101	38	136
VY0501SBL01	VY0501SBL01	1,2-Dichloroethane-d4	50	49.2	98	63	155
		Dibromofluoromethane	50	50.6	101	70	134
		Toluene-d8	50	47.8	96	74	123
		4-Bromofluorobenzene	50	53.1	106	38	136

Surrogate Summary

SDG No.: Q1914

Client: CDM Smith

Analytical Method: SW8260D

Lab Sample ID	Client ID	Parameter	Spike	Result	RecoveryQual	Limits	
						Low	High
VY0501SBS01	VY0501SBS01	1,2-Dichloroethane-d4	50	47.5	95	63	155
		Dibromofluoromethane	50	49.5	99	70	134
		Toluene-d8	50	50.1	100	74	123
		4-Bromofluorobenzene	50	49.3	99	38	136
VY0501SBSD01	VY0501SBSD01	1,2-Dichloroethane-d4	50	49.6	99	63	155
		Dibromofluoromethane	50	50.3	101	70	134
		Toluene-d8	50	51.4	103	74	123
		4-Bromofluorobenzene	50	50.7	101	38	136
VY0506SBL01	VY0506SBL01	1,2-Dichloroethane-d4	50	55.3	111	63	155
		Dibromofluoromethane	50	50.7	101	70	134
		Toluene-d8	50	48.2	96	74	123
		4-Bromofluorobenzene	50	53.8	108	38	136
VY0506SBS01	VY0506SBS01	1,2-Dichloroethane-d4	50	51.6	103	63	155
		Dibromofluoromethane	50	50.1	100	70	134
		Toluene-d8	50	50.8	102	74	123
		4-Bromofluorobenzene	50	50.6	101	38	136
VY0506SBSD01	VY0506SBSD01	1,2-Dichloroethane-d4	50	52.5	105	63	155
		Dibromofluoromethane	50	50.9	102	70	134
		Toluene-d8	50	52.3	105	74	123
		4-Bromofluorobenzene	50	51.4	103	38	136

Surrogate Summary

SDG No.: Q1914

Client: CDM Smith

Analytical Method: SW8260-Low

Lab Sample ID	Client ID	Parameter	Spike	Result	RecoveryQual	Limits	
						Low	High
Q1914-14	FB04282025	1,2-Dichloroethane-d4	50	55.5	111	74	125
		Dibromofluoromethane	50	52.6	105	75	124
		Toluene-d8	50	50.2	100	86	113
		4-Bromofluorobenzene	50	50.9	102	77	121
VX0430WBL01	VX0430WBL01	1,2-Dichloroethane-d4	50	56.3	113	74	125
		Dibromofluoromethane	50	52.5	105	75	124
		Toluene-d8	50	50.4	101	86	113
		4-Bromofluorobenzene	50	51.9	104	77	121
VX0430WBS01	VX0430WBS01	1,2-Dichloroethane-d4	50	54.6	109	74	125
		Dibromofluoromethane	50	56.5	113	75	124
		Toluene-d8	50	52.1	104	86	113
		4-Bromofluorobenzene	50	55.7	111	77	121
VX0430WBSD0	VX0430WBSD01	1,2-Dichloroethane-d4	50	54.3	109	74	125
		Dibromofluoromethane	50	56.5	113	75	124
		Toluene-d8	50	52.0	104	86	113
		4-Bromofluorobenzene	50	56.5	113	77	121