

Surrogate Summary

SDG No.: **Q1559**

Client: **AECOM Technical Services, Inc.**

Analytical Method: **SW8260-Low**

Lab Sample ID	Client ID	Parameter	Spike	Result	RecoveryQual	Limits	
						Low	High
Q1559-01	RE115D1-20250310	1,2-Dichloroethane-d4	50	54.6	109	81	118
		Dibromofluoromethane	50	53.5	107	80	119
		Toluene-d8	50	51.3	103	89	112
		4-Bromofluorobenzene	50	53.5	107	85	114
Q1559-01DL	RE115D1-20250310DL	1,2-Dichloroethane-d4	50	55.8	112	81	118
		Dibromofluoromethane	50	52.7	105	80	119
		Toluene-d8	50	50.9	102	89	112
		4-Bromofluorobenzene	50	52.3	105	85	114
Q1559-02	RE115D2-20250310	1,2-Dichloroethane-d4	50	53.3	107	81	118
		Dibromofluoromethane	50	52.3	105	80	119
		Toluene-d8	50	51.5	103	89	112
		4-Bromofluorobenzene	50	53.1	106	85	114
Q1559-03	RE134D1-20250310	1,2-Dichloroethane-d4	50	56.4	113	81	118
		Dibromofluoromethane	50	53.7	107	80	119
		Toluene-d8	50	51.9	104	89	112
		4-Bromofluorobenzene	50	52.4	105	85	114
Q1559-04	RE134D3-20250310	1,2-Dichloroethane-d4	50	55.4	111	81	118
		Dibromofluoromethane	50	52.5	105	80	119
		Toluene-d8	50	51.7	103	89	112
		4-Bromofluorobenzene	50	54.2	108	85	114
Q1559-04DL	RE134D3-20250310DL	1,2-Dichloroethane-d4	50	57.3	115	81	118
		Dibromofluoromethane	50	52.9	106	80	119
		Toluene-d8	50	51.5	103	89	112
		4-Bromofluorobenzene	50	52.0	104	85	114
Q1559-05	RE134D4-20250310	1,2-Dichloroethane-d4	50	56.0	112	81	118
		Dibromofluoromethane	50	53.2	106	80	119
		Toluene-d8	50	52.3	105	89	112
		4-Bromofluorobenzene	50	54.2	108	85	114
Q1559-05DL	RE134D4-20250310DL	1,2-Dichloroethane-d4	50	54.6	109	81	118
		Dibromofluoromethane	50	53.6	107	80	119
		Toluene-d8	50	51.1	102	89	112
		4-Bromofluorobenzene	50	49.6	99	85	114
Q1559-06	TT149S1-20250310	1,2-Dichloroethane-d4	50	55.1	110	81	118
		Dibromofluoromethane	50	52.4	105	80	119
		Toluene-d8	50	51.9	104	89	112
		4-Bromofluorobenzene	50	50.9	102	85	114
Q1559-07	RE125D3-20250310	1,2-Dichloroethane-d4	50	54.9	110	81	118
		Dibromofluoromethane	50	50.9	102	80	119
		Toluene-d8	50	50.7	101	89	112
		4-Bromofluorobenzene	50	52.8	106	85	114
Q1559-07DL	RE125D3-20250310DL	1,2-Dichloroethane-d4	50	55.2	110	81	118
		Dibromofluoromethane	50	52.0	104	80	119
		Toluene-d8	50	50.3	101	89	112
		4-Bromofluorobenzene	50	48.6	97	85	114
Q1559-08	DUP02-20250310	1,2-Dichloroethane-d4	50	55.8	112	81	118
		Dibromofluoromethane	50	53.0	106	80	119
		Toluene-d8	50	51.6	103	89	112
		4-Bromofluorobenzene	50	55.1	110	85	114
Q1559-09	DUP03-20250310	1,2-Dichloroethane-d4	50	55.0	110	81	118
		Dibromofluoromethane	50	52.3	105	80	119

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						Low	High
Q1559-09	DUP03-20250310	Toluene-d8	50	51.7	103	89	112
		4-Bromofluorobenzene	50	55.7	111	85	114
Q1559-09DL	DUP03-20250310DL	1,2-Dichloroethane-d4	50	57.3	115	81	118
		Dibromofluoromethane	50	52.6	105	80	119
		Toluene-d8	50	51.0	102	89	112
		4-Bromofluorobenzene	50	50.7	101	85	114
Q1559-10	RW10-MW01D-20250311	1,2-Dichloroethane-d4	50	55.5	111	81	118
		Dibromofluoromethane	50	52.5	105	80	119
		Toluene-d8	50	52.7	105	89	112
		4-Bromofluorobenzene	50	54.3	109	85	114
Q1559-11	RW10-MW01S-20250311	1,2-Dichloroethane-d4	50	56.1	112	81	118
		Dibromofluoromethane	50	52.1	104	80	119
		Toluene-d8	50	51.7	103	89	112
		4-Bromofluorobenzene	50	54.1	108	85	114
Q1559-12	TT158S1-20250311	1,2-Dichloroethane-d4	50	54.6	109	81	118
		Dibromofluoromethane	50	52.8	106	80	119
		Toluene-d8	50	51.9	104	89	112
		4-Bromofluorobenzene	50	52.3	105	85	114
Q1559-13	TT158I1-20250311	1,2-Dichloroethane-d4	50	54.0	108	81	118
		Dibromofluoromethane	50	52.2	104	80	119
		Toluene-d8	50	52.0	104	89	112
		4-Bromofluorobenzene	50	55.1	110	85	114
Q1559-14	RW10A-MW01S-20250311	1,2-Dichloroethane-d4	50	55.6	111	81	118
		Dibromofluoromethane	50	52.7	105	80	119
		Toluene-d8	50	52.3	105	89	112
		4-Bromofluorobenzene	50	54.9	110	85	114
Q1559-15	RW10A-MW01I-20250311	1,2-Dichloroethane-d4	50	55.4	111	81	118
		Dibromofluoromethane	50	53.3	107	80	119
		Toluene-d8	50	51.6	103	89	112
		4-Bromofluorobenzene	50	52.4	105	85	114
Q1559-16	RW4-RE137-20250311	1,2-Dichloroethane-d4	50	56.6	113	81	118
		Dibromofluoromethane	50	53.3	107	80	119
		Toluene-d8	50	50.7	101	89	112
		4-Bromofluorobenzene	50	53.4	107	85	114
Q1559-16DL	RW4-RE137-20250311DL	1,2-Dichloroethane-d4	50	54.9	110	81	118
		Dibromofluoromethane	50	52.2	104	80	119
		Toluene-d8	50	50.9	102	89	112
		4-Bromofluorobenzene	50	52.5	105	85	114
Q1559-17	RE104D1-20250312	1,2-Dichloroethane-d4	50	53.8	108	81	118
		Dibromofluoromethane	50	53.0	106	80	119
		Toluene-d8	50	51.6	103	89	112
		4-Bromofluorobenzene	50	52.7	105	85	114
Q1559-18	TB	1,2-Dichloroethane-d4	50	54.7	109	81	118
		Dibromofluoromethane	50	52.5	105	80	119
		Toluene-d8	50	52.0	104	89	112
		4-Bromofluorobenzene	50	52.4	105	85	114
Q1559-19	DUP05-20250312	1,2-Dichloroethane-d4	50	57.3	115	81	118
		Dibromofluoromethane	50	52.4	105	80	119
		Toluene-d8	50	52.7	105	89	112
		4-Bromofluorobenzene	50	54.9	110	85	114

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Analytical Method: **SW8260-Low**

Lab Sample ID	Client ID	Parameter	Spike	Result	RecoveryQual	Limits	
						Low	High
Q1559-20	RE120D1-20250312	1,2-Dichloroethane-d4	50	55.4	111	81	118
		Dibromofluoromethane	50	52.7	105	80	119
		Toluene-d8	50	51.3	103	89	112
		4-Bromofluorobenzene	50	53.7	107	85	114
Q1559-21	RE120D3-20250312	1,2-Dichloroethane-d4	50	54.8	110	81	118
		Dibromofluoromethane	50	52.7	105	80	119
		Toluene-d8	50	50.6	101	89	112
		4-Bromofluorobenzene	50	54.5	109	85	114
Q1559-21DL	RE120D3-20250312DL	1,2-Dichloroethane-d4	50	56.6	113	81	118
		Dibromofluoromethane	50	52.9	106	80	119
		Toluene-d8	50	50.9	102	89	112
		4-Bromofluorobenzene	50	52.8	106	85	114
Q1559-22	RE120D2-20250312	1,2-Dichloroethane-d4	50	55.6	111	81	118
		Dibromofluoromethane	50	52.1	104	80	119
		Toluene-d8	50	51.4	103	89	112
		4-Bromofluorobenzene	50	54.8	110	85	114
Q1559-22DL	RE120D2-20250312DL	1,2-Dichloroethane-d4	50	54.8	110	81	118
		Dibromofluoromethane	50	52.5	105	80	119
		Toluene-d8	50	51.6	103	89	112
		4-Bromofluorobenzene	50	51.7	103	85	114
VX0313WBL01	VX0313WBL01	1,2-Dichloroethane-d4	50	54.8	110	81	118
		Dibromofluoromethane	50	52.8	106	80	119
		Toluene-d8	50	51.3	103	89	112
		4-Bromofluorobenzene	50	54.9	110	85	114
VX0313WBS01	VX0313WBS01	1,2-Dichloroethane-d4	50	53.2	106	81	118
		Dibromofluoromethane	50	53.9	108	80	119
		Toluene-d8	50	52.0	104	89	112
		4-Bromofluorobenzene	50	54.4	109	85	114
VX0313WBSD01	VX0313WBSD01	1,2-Dichloroethane-d4	50	53.4	107	81	118
		Dibromofluoromethane	50	53.2	106	80	119
		Toluene-d8	50	52.1	104	89	112
		4-Bromofluorobenzene	50	56.6	113	85	114
VX0318WBL01	VX0318WBL01	1,2-Dichloroethane-d4	50	56.3	113	81	118
		Dibromofluoromethane	50	54.0	108	80	119
		Toluene-d8	50	52.3	105	89	112
		4-Bromofluorobenzene	50	52.2	104	85	114
VX0318WBS01	VX0318WBS01	1,2-Dichloroethane-d4	50	53.2	106	81	118
		Dibromofluoromethane	50	52.9	106	80	119
		Toluene-d8	50	51.2	102	89	112
		4-Bromofluorobenzene	50	54.1	108	85	114
VX0320WBL01	VX0320WBL01	1,2-Dichloroethane-d4	50	57.3	115	81	118
		Dibromofluoromethane	50	53.1	106	80	119
		Toluene-d8	50	51.2	102	89	112
		4-Bromofluorobenzene	50	52.0	104	85	114
VX0320WBS01	VX0320WBS01	1,2-Dichloroethane-d4	50	56.5	113	81	118
		Dibromofluoromethane	50	54.8	110	80	119
		Toluene-d8	50	53.3	107	89	112
		4-Bromofluorobenzene	50	55.7	111	85	114