

Surrogate Summary

SDG No.: **Q1531**

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

Analytical Method: **SW8260-Low**

Lab Sample ID	Client ID	Parameter	Spike	Result	RecoveryQual	Limits	
						Low	High
Q1531-01	RE122D2-20250305	1,2-Dichloroethane-d4	50	53.6	107	81	118
		Dibromofluoromethane	50	52.0	104	80	119
		Toluene-d8	50	51.1	102	89	112
		4-Bromofluorobenzene	50	54.2	108	85	114
Q1531-02	RE122D3-20250305	1,2-Dichloroethane-d4	50	54.0	108	81	118
		Dibromofluoromethane	50	52.3	105	80	119
		Toluene-d8	50	52.1	104	89	112
		4-Bromofluorobenzene	50	53.1	106	85	114
Q1531-03	RE122D1-20250305	1,2-Dichloroethane-d4	50	52.3	105	81	118
		Dibromofluoromethane	50	51.5	103	80	119
		Toluene-d8	50	50.6	101	89	112
		4-Bromofluorobenzene	50	52.1	104	85	114
Q1531-03DL	RE122D1-20250305DL	1,2-Dichloroethane-d4	50	53.0	106	81	118
		Dibromofluoromethane	50	52.1	104	80	119
		Toluene-d8	50	51.7	103	89	112
		4-Bromofluorobenzene	50	52.0	104	85	114
Q1531-04	RE126D1-20250306	1,2-Dichloroethane-d4	50	54.2	108	81	118
		Dibromofluoromethane	50	50.7	101	80	119
		Toluene-d8	50	51.0	102	89	112
		4-Bromofluorobenzene	50	52.6	105	85	114
Q1531-05	RE126D2-20250306	1,2-Dichloroethane-d4	50	51.8	104	81	118
		Dibromofluoromethane	50	51.2	102	80	119
		Toluene-d8	50	50.9	102	89	112
		4-Bromofluorobenzene	50	52.5	105	85	114
Q1531-05DL	RE126D2-20250306DL	1,2-Dichloroethane-d4	50	54.7	109	81	118
		Dibromofluoromethane	50	51.1	102	80	119
		Toluene-d8	50	51.9	104	89	112
		4-Bromofluorobenzene	50	53.5	107	85	114
Q1531-06	DUP01-20250306	1,2-Dichloroethane-d4	50	53.8	108	81	118
		Dibromofluoromethane	50	51.8	104	80	119
		Toluene-d8	50	51.0	102	89	112
		4-Bromofluorobenzene	50	53.2	106	85	114
Q1531-06DL	DUP01-20250306DL	1,2-Dichloroethane-d4	50	54.9	110	81	118
		Dibromofluoromethane	50	52.9	106	80	119
		Toluene-d8	50	51.0	102	89	112
		4-Bromofluorobenzene	50	51.0	102	85	114
Q1531-07	RE103D1-20250306	1,2-Dichloroethane-d4	50	53.5	107	81	118
		Dibromofluoromethane	50	50.3	101	80	119
		Toluene-d8	50	50.9	102	89	112
		4-Bromofluorobenzene	50	52.8	106	85	114
Q1531-07DL	RE103D1-20250306DL	1,2-Dichloroethane-d4	50	54.8	110	81	118
		Dibromofluoromethane	50	52.4	105	80	119
		Toluene-d8	50	51.8	104	89	112
		4-Bromofluorobenzene	50	53.2	106	85	114
Q1531-08MS	RE103D1-20250306MS	1,2-Dichloroethane-d4	50	49.2	98	81	118
		Dibromofluoromethane	50	49.6	99	80	119
		Toluene-d8	50	48.0	96	89	112
		4-Bromofluorobenzene	50	51.0	102	85	114
Q1531-09MSD	RE103D1-20250306MSD	1,2-Dichloroethane-d4	50	55.1	110	81	118
		Dibromofluoromethane	50	53.6	107	80	119

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						Low	High
Q1531-09MSD	RE103D1-20250306MSD	Toluene-d8	50	53.8	108	89	112
		4-Bromofluorobenzene	50	57.0	114	85	114
Q1531-10	RE103D3-20250306	1,2-Dichloroethane-d4	50	52.8	106	81	118
		Dibromofluoromethane	50	51.9	104	80	119
		Toluene-d8	50	51.3	103	89	112
		4-Bromofluorobenzene	50	51.8	104	85	114
Q1531-11	RE103D2-20250306	1,2-Dichloroethane-d4	50	53.5	107	81	118
		Dibromofluoromethane	50	52.5	105	80	119
		Toluene-d8	50	51.0	102	89	112
		4-Bromofluorobenzene	50	51.3	103	85	114
Q1531-11DL	RE103D2-20250306DL	1,2-Dichloroethane-d4	50	53.5	107	81	118
		Dibromofluoromethane	50	51.6	103	80	119
		Toluene-d8	50	52.1	104	89	112
		4-Bromofluorobenzene	50	52.6	105	85	114
Q1531-12	RE108D2-20250306	1,2-Dichloroethane-d4	50	53.6	107	81	118
		Dibromofluoromethane	50	51.3	103	80	119
		Toluene-d8	50	49.3	99	89	112
		4-Bromofluorobenzene	50	52.1	104	85	114
Q1531-12DL	RE108D2-20250306DL	1,2-Dichloroethane-d4	50	55.0	110	81	118
		Dibromofluoromethane	50	51.9	104	80	119
		Toluene-d8	50	50.4	101	89	112
		4-Bromofluorobenzene	50	48.7	97	85	114
Q1531-13	RE108D1-20250306	1,2-Dichloroethane-d4	50	53.3	107	81	118
		Dibromofluoromethane	50	51.6	103	80	119
		Toluene-d8	50	51.8	104	89	112
		4-Bromofluorobenzene	50	53.0	106	85	114
Q1531-14	RE105D1-20250306	1,2-Dichloroethane-d4	50	52.9	106	81	118
		Dibromofluoromethane	50	51.2	102	80	119
		Toluene-d8	50	51.5	103	89	112
		4-Bromofluorobenzene	50	53.6	107	85	114
Q1531-15	RE105D2-20250306	1,2-Dichloroethane-d4	50	54.1	108	81	118
		Dibromofluoromethane	50	51.2	102	80	119
		Toluene-d8	50	48.9	98	89	112
		4-Bromofluorobenzene	50	52.0	104	85	114
Q1531-15DL	RE105D2-20250306DL	1,2-Dichloroethane-d4	50	54.6	109	81	118
		Dibromofluoromethane	50	51.9	104	80	119
		Toluene-d8	50	51.4	103	89	112
		4-Bromofluorobenzene	50	52.1	104	85	114
Q1531-16	RE125D1-20250307	1,2-Dichloroethane-d4	50	54.2	108	81	118
		Dibromofluoromethane	50	51.7	103	80	119
		Toluene-d8	50	51.5	103	89	112
		4-Bromofluorobenzene	50	53.2	106	85	114
Q1531-16DL	RE125D1-20250307DL	1,2-Dichloroethane-d4	50	53.1	106	81	118
		Dibromofluoromethane	50	52.0	104	80	119
		Toluene-d8	50	51.6	103	89	112
		4-Bromofluorobenzene	50	50.7	101	85	114
Q1531-17	RE125D2-20250307	1,2-Dichloroethane-d4	50	52.7	105	81	118
		Dibromofluoromethane	50	52.6	105	80	119
		Toluene-d8	50	51.4	103	89	112
		4-Bromofluorobenzene	50	52.5	105	85	114

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						Low	High
Q1531-17DL	RE125D2-20250307DL	1,2-Dichloroethane-d4	50	52.8	106	81	118
		Dibromofluoromethane	50	51.7	103	80	119
		Toluene-d8	50	51.5	103	89	112
		4-Bromofluorobenzene	50	52.7	105	85	114
Q1531-18	FB01	1,2-Dichloroethane-d4	50	53.5	107	81	118
		Dibromofluoromethane	50	51.6	103	80	119
		Toluene-d8	50	52.0	104	89	112
		4-Bromofluorobenzene	50	54.7	109	85	114
Q1531-19	RE104D2-20250307	1,2-Dichloroethane-d4	50	53.4	107	81	118
		Dibromofluoromethane	50	52.3	104	80	119
		Toluene-d8	50	51.2	102	89	112
		4-Bromofluorobenzene	50	55.1	110	85	114
Q1531-19DL	RE104D2-20250307DL	1,2-Dichloroethane-d4	50	55.8	112	81	118
		Dibromofluoromethane	50	52.2	104	80	119
		Toluene-d8	50	52.4	105	89	112
		4-Bromofluorobenzene	50	54.5	109	85	114
Q1531-20	RE104D3-20250307	1,2-Dichloroethane-d4	50	54.8	110	81	118
		Dibromofluoromethane	50	52.6	105	80	119
		Toluene-d8	50	51.4	103	89	112
		4-Bromofluorobenzene	50	51.2	102	85	114
Q1531-21	TB	1,2-Dichloroethane-d4	50	53.8	108	81	118
		Dibromofluoromethane	50	51.0	102	80	119
		Toluene-d8	50	50.7	101	89	112
		4-Bromofluorobenzene	50	52.2	104	85	114
VX0310WBL01	VX0310WBL01	1,2-Dichloroethane-d4	50	53.0	106	81	118
		Dibromofluoromethane	50	51.1	102	80	119
		Toluene-d8	50	50.6	101	89	112
		4-Bromofluorobenzene	50	53.5	107	85	114
VX0310WBS01	VX0310WBS01	1,2-Dichloroethane-d4	50	48.1	96	81	118
		Dibromofluoromethane	50	49.8	100	80	119
		Toluene-d8	50	49.2	98	89	112
		4-Bromofluorobenzene	50	52.0	104	85	114
VX0311WBL01	VX0311WBL01	1,2-Dichloroethane-d4	50	53.3	107	81	118
		Dibromofluoromethane	50	50.6	101	80	119
		Toluene-d8	50	50.6	101	89	112
		4-Bromofluorobenzene	50	51.4	103	85	114
VX0311WBS01	VX0311WBS01	1,2-Dichloroethane-d4	50	52.0	104	81	118
		Dibromofluoromethane	50	51.9	104	80	119
		Toluene-d8	50	51.2	102	89	112
		4-Bromofluorobenzene	50	52.9	106	85	114
VX0312WBL01	VX0312WBL01	1,2-Dichloroethane-d4	50	54.8	110	81	118
		Dibromofluoromethane	50	52.2	104	80	119
		Toluene-d8	50	51.6	103	89	112
		4-Bromofluorobenzene	50	50.9	102	85	114
VX0312WBS01	VX0312WBS01	1,2-Dichloroethane-d4	50	50.0	100	81	118
		Dibromofluoromethane	50	49.6	99	80	119
		Toluene-d8	50	49.2	98	89	112
		4-Bromofluorobenzene	50	51.2	102	85	114