

Surrogate Summary

SDG No.: **Q3127**

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

Analytical Method: **SW8260-Low**

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%)	
							Low	High
Q3127-01	DUP08-20250915	1,2-Dichloroethane-d4	50	54.7	109		81	118
		Dibromofluoromethane	50	51.7	103		80	119
		Toluene-d8	50	50.3	101		89	112
		4-Bromofluorobenzene	50	55.6	111		85	114
Q3127-02	RE131D1-20250915	1,2-Dichloroethane-d4	50	51.5	103		81	118
		Dibromofluoromethane	50	47.7	95		80	119
		Toluene-d8	50	48.5	97		89	112
		4-Bromofluorobenzene	50	52.4	105		85	114
Q3127-02DL	RE131D1-20250915DL	1,2-Dichloroethane-d4	50	48.9	98		81	118
		Dibromofluoromethane	50	48.1	96		80	119
		Toluene-d8	50	48.4	97		89	112
		4-Bromofluorobenzene	50	52.0	104		85	114
Q3127-03	RE131D2-20250915	1,2-Dichloroethane-d4	50	47.6	95		81	118
		Dibromofluoromethane	50	46.3	93		80	119
		Toluene-d8	50	46.4	93		89	112
		4-Bromofluorobenzene	50	50.6	101		85	114
Q3127-03DL	RE131D2-20250915DL	1,2-Dichloroethane-d4	50	53.1	106		81	118
		Dibromofluoromethane	50	49.9	100		80	119
		Toluene-d8	50	49.0	98		89	112
		4-Bromofluorobenzene	50	54.1	108		85	114
Q3127-04	DUP07-20250915	1,2-Dichloroethane-d4	50	50.9	102		81	118
		Dibromofluoromethane	50	47.8	96		80	119
		Toluene-d8	50	48.3	97		89	112
		4-Bromofluorobenzene	50	52.5	105		85	114
Q3127-04DL	DUP07-20250915DL	1,2-Dichloroethane-d4	50	50.9	102		81	118
		Dibromofluoromethane	50	48.9	98		80	119
		Toluene-d8	50	49.0	98		89	112
		4-Bromofluorobenzene	50	53.9	108		85	114
Q3127-05	TT158I1-20250915	1,2-Dichloroethane-d4	50	53.3	107		81	118
		Dibromofluoromethane	50	49.3	99		80	119
		Toluene-d8	50	49.3	99		89	112
		4-Bromofluorobenzene	50	55.8	112		85	114
Q3127-06	TT180D2-20250915	1,2-Dichloroethane-d4	50	48.6	97		81	118
		Dibromofluoromethane	50	46.9	94		80	119
		Toluene-d8	50	46.4	93		89	112
		4-Bromofluorobenzene	50	51.8	104		85	114
Q3127-06DL	TT180D2-20250915DL	1,2-Dichloroethane-d4	50	50.3	101		81	118
		Dibromofluoromethane	50	48.6	97		80	119
		Toluene-d8	50	48.9	98		89	112
		4-Bromofluorobenzene	50	54.2	108		85	114
Q3127-07	RE135D2-20250915	1,2-Dichloroethane-d4	50	54.1	108		81	118
		Dibromofluoromethane	50	49.3	99		80	119
		Toluene-d8	50	48.7	97		89	112
		4-Bromofluorobenzene	50	54.8	109		85	114
Q3127-08	RE132D6-20250916	1,2-Dichloroethane-d4	50	51.2	102		81	118
		Dibromofluoromethane	50	48.4	97		80	119
		Toluene-d8	50	44.8	90		89	112
		4-Bromofluorobenzene	50	52.1	104		85	114
Q3127-08DL	RE132D6-20250916DL	1,2-Dichloroethane-d4	50	54.3	109		81	118
		Dibromofluoromethane	50	49.1	98		80	119

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Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%)	
							Low	High
Q3127-08DL	RE132D6-20250916DL	Toluene-d8	50	49.2	98		89	112
		4-Bromofluorobenzene	50	55.4	111		85	114
Q3127-09	TT101D2-20250915	1,2-Dichloroethane-d4	50	49.3	99		81	118
		Dibromofluoromethane	50	47.8	95		80	119
		Toluene-d8	50	45.5	91		89	112
		4-Bromofluorobenzene	50	52.3	105		85	114
Q3127-09DL	TT101D2-20250915DL	1,2-Dichloroethane-d4	50	54.3	109		81	118
		Dibromofluoromethane	50	50.1	100		80	119
		Toluene-d8	50	49.1	98		89	112
		4-Bromofluorobenzene	50	55.5	111		85	114
Q3127-10	TT101D-20250915	1,2-Dichloroethane-d4	50	54.3	109		81	118
		Dibromofluoromethane	50	48.7	97		80	119
		Toluene-d8	50	48.6	97		89	112
		4-Bromofluorobenzene	50	55.3	111		85	114
Q3127-10RE	TT101D-20250915RE	1,2-Dichloroethane-d4	50	53.2	106		81	118
		Dibromofluoromethane	50	48.9	98		80	119
		Toluene-d8	50	48.3	97		89	112
		4-Bromofluorobenzene	50	54.9	110		85	114
Q3127-11	RE135D3-20250915	1,2-Dichloroethane-d4	50	53.9	108		81	118
		Dibromofluoromethane	50	51.3	103		80	119
		Toluene-d8	50	51.4	103		89	112
		4-Bromofluorobenzene	50	55.4	111		85	114
Q3127-12	RE132D7-20250916	1,2-Dichloroethane-d4	50	52.1	104		81	118
		Dibromofluoromethane	50	47.0	94		80	119
		Toluene-d8	50	44.5	89		89	112
		4-Bromofluorobenzene	50	51.3	103		85	114
Q3127-12DL	RE132D7-20250916DL	1,2-Dichloroethane-d4	50	51.9	104		81	118
		Dibromofluoromethane	50	48.6	97		80	119
		Toluene-d8	50	48.3	97		89	112
		4-Bromofluorobenzene	50	54.2	108		85	114
Q3127-13	TT119S1-20250916	1,2-Dichloroethane-d4	50	50.3	101		81	118
		Dibromofluoromethane	50	48.5	97		80	119
		Toluene-d8	50	48.4	97		89	112
		4-Bromofluorobenzene	50	53.3	107		85	114
Q3127-14MS	TT119S1-20250916MS	1,2-Dichloroethane-d4	50	52.8	106		81	118
		Dibromofluoromethane	50	53.0	106		80	119
		Toluene-d8	50	52.6	105		89	112
		4-Bromofluorobenzene	50	52.5	105		85	114
Q3127-15MSD	TT119S1-20250916MSD	1,2-Dichloroethane-d4	50	54.5	109		81	118
		Dibromofluoromethane	50	52.9	106		80	119
		Toluene-d8	50	53.0	106		89	112
		4-Bromofluorobenzene	50	52.1	104		85	114
Q3127-16	TT101D1-20250915	1,2-Dichloroethane-d4	50	53.0	106		81	118
		Dibromofluoromethane	50	48.5	97		80	119
		Toluene-d8	50	48.0	96		89	112
		4-Bromofluorobenzene	50	54.5	109		85	114
Q3127-16DL	TT101D1-20250915DL	1,2-Dichloroethane-d4	50	54.3	109		81	118
		Dibromofluoromethane	50	48.7	97		80	119
		Toluene-d8	50	48.8	98		89	112
		4-Bromofluorobenzene	50	54.3	109		85	114

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Analytical Method: SW8260-Low

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%)	
							Low	High
Q3127-17	TB06-20250912	1,2-Dichloroethane-d4	50	51.0	102		81	118
		Dibromofluoromethane	50	48.6	97		80	119
		Toluene-d8	50	48.3	97		89	112
		4-Bromofluorobenzene	50	53.3	107		85	114
Q3127-18	BPOW1-8-20250917	1,2-Dichloroethane-d4	50	53.0	106		81	118
		Dibromofluoromethane	50	48.9	98		80	119
		Toluene-d8	50	48.5	97		89	112
		4-Bromofluorobenzene	50	55.0	110		85	114
Q3127-19	BPOW1-7-20250917	1,2-Dichloroethane-d4	50	54.5	109		81	118
		Dibromofluoromethane	50	50.6	101		80	119
		Toluene-d8	50	51.4	103		89	112
		4-Bromofluorobenzene	50	57.1	114		85	114
VX0923WBL02	VX0923WBL02	1,2-Dichloroethane-d4	50	51.7	103		81	118
		Dibromofluoromethane	50	50.8	102		80	119
		Toluene-d8	50	50.2	100		89	112
		4-Bromofluorobenzene	50	51.8	103		85	114
VX0923WBS03	VX0923WBS03	1,2-Dichloroethane-d4	50	49.0	98		81	118
		Dibromofluoromethane	50	50.7	101		80	119
		Toluene-d8	50	50.6	101		89	112
		4-Bromofluorobenzene	50	51.1	102		85	114
VX0924WBL01	VX0924WBL01	1,2-Dichloroethane-d4	50	49.1	98		81	118
		Dibromofluoromethane	50	47.0	94		80	119
		Toluene-d8	50	48.1	96		89	112
		4-Bromofluorobenzene	50	52.3	105		85	114
VX0924WBS01	VX0924WBS01	1,2-Dichloroethane-d4	50	53.0	106		81	118
		Dibromofluoromethane	50	55.4	111		80	119
		Toluene-d8	50	54.8	109		89	112
		4-Bromofluorobenzene	50	55.7	111		85	114
VX0925WBL01	VX0925WBL01	1,2-Dichloroethane-d4	50	51.1	102		81	118
		Dibromofluoromethane	50	48.4	97		80	119
		Toluene-d8	50	48.3	97		89	112
		4-Bromofluorobenzene	50	53.3	107		85	114
VX0925WBS01	VX0925WBS01	1,2-Dichloroethane-d4	50	53.3	107		81	118
		Dibromofluoromethane	50	52.0	104		80	119
		Toluene-d8	50	50.2	100		89	112
		4-Bromofluorobenzene	50	53.1	106		85	114
VX0926WBL01	VX0926WBL01	1,2-Dichloroethane-d4	50	50.4	101		81	118
		Dibromofluoromethane	50	48.4	97		80	119
		Toluene-d8	50	49.3	99		89	112
		4-Bromofluorobenzene	50	53.2	106		85	114
VX0926WBS01	VX0926WBS01	1,2-Dichloroethane-d4	50	45.7	91		81	118
		Dibromofluoromethane	50	50.9	102		80	119
		Toluene-d8	50	51.6	103		89	112
		4-Bromofluorobenzene	50	51.4	103		85	114