

Surrogate Summary

SDG No.: **Q3156**

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

Analytical Method: **SW8260-Low**

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%)	
							Low	High
Q3156-02	RE10-MW01S-20250918	1,2-Dichloroethane-d4	50	48.9	98		81	118
		Dibromofluoromethane	50	48.1	96		80	119
		Toluene-d8	50	47.8	96		89	112
		4-Bromofluorobenzene	50	51.7	103		85	114
Q3156-03	RE131D3-20250918	1,2-Dichloroethane-d4	50	52.6	105		81	118
		Dibromofluoromethane	50	48.8	97		80	119
		Toluene-d8	50	48.7	97		89	112
		4-Bromofluorobenzene	50	53.8	108		85	114
Q3156-03DL	RE131D3-20250918DL	1,2-Dichloroethane-d4	50	55.3	111		81	118
		Dibromofluoromethane	50	50.6	101		80	119
		Toluene-d8	50	49.6	99		89	112
		4-Bromofluorobenzene	50	55.5	111		85	114
Q3156-04	TT190D1-20250918	1,2-Dichloroethane-d4	50	51.9	104		81	118
		Dibromofluoromethane	50	48.7	97		80	119
		Toluene-d8	50	48.3	97		89	112
		4-Bromofluorobenzene	50	52.7	105		85	114
Q3156-04DL	TT190D1-20250918DL	1,2-Dichloroethane-d4	50	53.3	107		81	118
		Dibromofluoromethane	50	49.7	99		80	119
		Toluene-d8	50	48.4	97		89	112
		4-Bromofluorobenzene	50	53.9	108		85	114
Q3156-05	RE132D2-20250918	1,2-Dichloroethane-d4	50	56.1	112		81	118
		Dibromofluoromethane	50	49.9	100		80	119
		Toluene-d8	50	49.6	99		89	112
		4-Bromofluorobenzene	50	55.5	111		85	114
Q3156-05RE	RE132D2-20250918RE	1,2-Dichloroethane-d4	50	54.2	108		81	118
		Dibromofluoromethane	50	48.9	98		80	119
		Toluene-d8	50	48.9	98		89	112
		4-Bromofluorobenzene	50	54.4	109		85	114
Q3156-06	RE132D4-20250918	1,2-Dichloroethane-d4	50	50.8	102		81	118
		Dibromofluoromethane	50	48.4	97		80	119
		Toluene-d8	50	48.2	96		89	112
		4-Bromofluorobenzene	50	52.7	105		85	114
Q3156-06DL	RE132D4-20250918DL	1,2-Dichloroethane-d4	50	54.2	108		81	118
		Dibromofluoromethane	50	49.5	99		80	119
		Toluene-d8	50	48.9	98		89	112
		4-Bromofluorobenzene	50	54.9	110		85	114
Q3156-07	TT189D2-20250918	1,2-Dichloroethane-d4	50	51.2	102		81	118
		Dibromofluoromethane	50	48.2	96		80	119
		Toluene-d8	50	48.2	96		89	112
		4-Bromofluorobenzene	50	53.5	107		85	114
Q3156-08	TT149I1-20250918	1,2-Dichloroethane-d4	50	56.2	112		81	118
		Dibromofluoromethane	50	49.6	99		80	119
		Toluene-d8	50	48.9	98		89	112
		4-Bromofluorobenzene	50	55.3	111		85	114
Q3156-09	RE132D3-20250918	1,2-Dichloroethane-d4	50	50.9	102		81	118
		Dibromofluoromethane	50	48.1	96		80	119
		Toluene-d8	50	48.0	96		89	112
		4-Bromofluorobenzene	50	52.3	105		85	114
Q3156-10	TT180D1-20250918	1,2-Dichloroethane-d4	50	51.0	102		81	118
		Dibromofluoromethane	50	49.4	99		80	119

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							Low	High
Q3156-10	TT180D1-20250918	Toluene-d8	50	48.7	97		89	112
		4-Bromofluorobenzene	50	52.6	105		85	114
Q3156-11	RE132D1-20250918	1,2-Dichloroethane-d4	50	50.0	100		81	118
		Dibromofluoromethane	50	48.2	96		80	119
		Toluene-d8	50	48.2	96		89	112
		4-Bromofluorobenzene	50	52.0	104		85	114
Q3156-12	TT190D2-20250918	1,2-Dichloroethane-d4	50	51.8	104		81	118
		Dibromofluoromethane	50	49.3	98		80	119
		Toluene-d8	50	48.7	97		89	112
		4-Bromofluorobenzene	50	53.8	108		85	114
Q3156-13	EB02-20250918	1,2-Dichloroethane-d4	50	51.2	102		81	118
		Dibromofluoromethane	50	49.0	98		80	119
		Toluene-d8	50	48.6	97		89	112
		4-Bromofluorobenzene	50	54.3	109		85	114
Q3156-14	EB03-20250918	1,2-Dichloroethane-d4	50	49.0	98		81	118
		Dibromofluoromethane	50	48.2	96		80	119
		Toluene-d8	50	49.3	99		89	112
		4-Bromofluorobenzene	50	54.1	108		85	114
Q3156-15	TB03-20250912	1,2-Dichloroethane-d4	50	50.4	101		81	118
		Dibromofluoromethane	50	48.7	97		80	119
		Toluene-d8	50	47.6	95		89	112
		4-Bromofluorobenzene	50	52.9	106		85	114
Q3156-16	RW9-MW01D1-20250919	1,2-Dichloroethane-d4	50	54.7	109		81	118
		Dibromofluoromethane	50	53.8	108		80	119
		Toluene-d8	50	50.2	100		89	112
		4-Bromofluorobenzene	50	55.3	111		85	114
Q3156-17	TT191D2-20250918	1,2-Dichloroethane-d4	50	50.0	100		81	118
		Dibromofluoromethane	50	49.0	98		80	119
		Toluene-d8	50	47.8	96		89	112
		4-Bromofluorobenzene	50	53.3	107		85	114
Q3156-18	RW9-MW01S-20250918	1,2-Dichloroethane-d4	50	51.3	103		81	118
		Dibromofluoromethane	50	48.8	98		80	119
		Toluene-d8	50	48.4	97		89	112
		4-Bromofluorobenzene	50	53.0	106		85	114
Q3156-19	TT191D1-20250918	1,2-Dichloroethane-d4	50	49.5	99		81	118
		Dibromofluoromethane	50	47.9	96		80	119
		Toluene-d8	50	47.4	95		89	112
		4-Bromofluorobenzene	50	52.0	104		85	114
Q3156-20	DUP09-20250918	1,2-Dichloroethane-d4	50	57.7	115		81	118
		Dibromofluoromethane	50	51.3	103		80	119
		Toluene-d8	50	49.1	98		89	112
		4-Bromofluorobenzene	50	56.8	114		85	114
Q3156-21	RW9-MW01D3-20250918	1,2-Dichloroethane-d4	50	51.1	102		81	118
		Dibromofluoromethane	50	48.9	98		80	119
		Toluene-d8	50	48.3	97		89	112
		4-Bromofluorobenzene	50	53.4	107		85	114
Q3156-23	RW9-MW01D2-20250919	1,2-Dichloroethane-d4	50	57.0	114		81	118
		Dibromofluoromethane	50	50.8	102		80	119
		Toluene-d8	50	49.6	99		89	112
		4-Bromofluorobenzene	50	57.2	114		85	114

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Client: AECOM Technical Services, Inc.

Analytical Method: SW8260-Low

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%)	
							Low	High
VX0925WBL02	VX0925WBL02	1,2-Dichloroethane-d4	50	54.4	109		81	118
		Dibromofluoromethane	50	48.8	98		80	119
		Toluene-d8	50	48.7	97		89	112
		4-Bromofluorobenzene	50	54.8	110		85	114
VX0925WBS02	VX0925WBS02	1,2-Dichloroethane-d4	50	53.5	107		81	118
		Dibromofluoromethane	50	54.5	109		80	119
		Toluene-d8	50	53.6	107		89	112
		4-Bromofluorobenzene	50	54.6	109		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
VX0929WBL01	VX0929WBL01	1,2-Dichloroethane-d4	50	49.3	99		81	118
		Dibromofluoromethane	50	48.8	98		80	119
		Toluene-d8	50	48.5	97		89	112
		4-Bromofluorobenzene	50	53.1	106		85	114
VX0929WBS01	VX0929WBS01	1,2-Dichloroethane-d4	50	48.8	98		81	118
		Dibromofluoromethane	50	52.9	106		80	119
		Toluene-d8	50	52.3	105		89	112
		4-Bromofluorobenzene	50	52.9	106		85	114
VX0929WBSD0	VX0929WBSD01	1,2-Dichloroethane-d4	50	51.7	103		81	118
		Dibromofluoromethane	50	54.3	109		80	119
		Toluene-d8	50	53.0	106		89	112
		4-Bromofluorobenzene	50	54.0	108		85	114
VX0930WBL01	VX0930WBL01	1,2-Dichloroethane-d4	50	52.7	105		81	118
		Dibromofluoromethane	50	50.4	101		80	119
		Toluene-d8	50	48.8	98		89	112
		4-Bromofluorobenzene	50	56.0	112		85	114
VX0930WBS01	VX0930WBS01	1,2-Dichloroethane-d4	50	50.0	100		81	118
		Dibromofluoromethane	50	52.1	104		80	119
		Toluene-d8	50	51.0	102		89	112
		4-Bromofluorobenzene	50	51.6	103		85	114