

Surrogate Summary

SDG No.: **Q3194**

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

Analytical Method: **SW8260-Low**

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%)	
							Low	High
Q3194-01	TT189D1-20250922	1,2-Dichloroethane-d4	50	55.1	110		81	118
		Dibromofluoromethane	50	50.3	101		80	119
		Toluene-d8	50	48.6	97		89	112
		4-Bromofluorobenzene	50	55.5	111		85	114
Q3194-01DL	TT189D1-20250922DL	1,2-Dichloroethane-d4	50	52.5	105		81	118
		Dibromofluoromethane	50	48.9	98		80	119
		Toluene-d8	50	47.8	95		89	112
		4-Bromofluorobenzene	50	53.4	107		85	114
Q3194-02	RW11-MW01S-20250922	1,2-Dichloroethane-d4	50	55.5	111		81	118
		Dibromofluoromethane	50	50.3	101		80	119
		Toluene-d8	50	48.9	98		89	112
		4-Bromofluorobenzene	50	54.5	109		85	114
Q3194-03MS	RW11-MW01S-20250922MS	1,2-Dichloroethane-d4	50	56.4	113		81	118
		Dibromofluoromethane	50	53.4	107		80	119
		Toluene-d8	50	51.3	103		89	112
		4-Bromofluorobenzene	50	52.8	106		85	114
Q3194-04MSD	RW11-MW01S-20250922MSD	1,2-Dichloroethane-d4	50	53.9	108		81	118
		Dibromofluoromethane	50	54.0	108		80	119
		Toluene-d8	50	52.1	104		89	112
		4-Bromofluorobenzene	50	52.6	105		85	114
Q3194-05	TT150S1-20250922	1,2-Dichloroethane-d4	50	51.8	104		81	118
		Dibromofluoromethane	50	49.1	98		80	119
		Toluene-d8	50	48.7	97		89	112
		4-Bromofluorobenzene	50	55.3	111		85	114
Q3194-06	RW8-MW01D2-20250922	1,2-Dichloroethane-d4	50	50.9	102		81	118
		Dibromofluoromethane	50	49.9	100		80	119
		Toluene-d8	50	48.2	96		89	112
		4-Bromofluorobenzene	50	53.0	106		85	114
Q3194-07	RW8-MW01D3-20250922	1,2-Dichloroethane-d4	50	51.8	104		81	118
		Dibromofluoromethane	50	49.0	98		80	119
		Toluene-d8	50	48.0	96		89	112
		4-Bromofluorobenzene	50	53.8	108		85	114
Q3194-08	TT188S1-20250922	1,2-Dichloroethane-d4	50	53.0	106		81	118
		Dibromofluoromethane	50	50.5	101		80	119
		Toluene-d8	50	49.6	99		89	112
		4-Bromofluorobenzene	50	54.0	108		85	114
Q3194-09	TT192D2-20250922	1,2-Dichloroethane-d4	50	53.8	107		81	118
		Dibromofluoromethane	50	50.3	101		80	119
		Toluene-d8	50	48.8	98		89	112
		4-Bromofluorobenzene	50	55.9	112		85	114
Q3194-10	TT192D1-20250922	1,2-Dichloroethane-d4	50	56.3	113		81	118
		Dibromofluoromethane	50	51.9	104		80	119
		Toluene-d8	50	49.9	100		89	112
		4-Bromofluorobenzene	50	56.9	114		85	114
Q3194-11	DUP10-20250922	1,2-Dichloroethane-d4	50	55.1	110		81	118
		Dibromofluoromethane	50	51.1	102		80	119
		Toluene-d8	50	48.5	97		89	112
		4-Bromofluorobenzene	50	55.0	110		85	114
Q3194-12	RW11-MW01I-20250922	1,2-Dichloroethane-d4	50	54.7	109		81	118
		Dibromofluoromethane	50	50.6	101		80	119

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Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%)	
							Low	High
Q3194-12	RW11-MW011-20250922	Toluene-d8	50	48.8	98		89	112
		4-Bromofluorobenzene	50	57.1	114		85	114
Q3194-13	TT163S1-20250924	1,2-Dichloroethane-d4	50	55.8	112		81	118
		Dibromofluoromethane	50	51.0	102		80	119
		Toluene-d8	50	48.7	97		89	112
		4-Bromofluorobenzene	50	56.0	112		85	114
Q3194-14	RE139D1-20250924	1,2-Dichloroethane-d4	50	55.6	111		81	118
		Dibromofluoromethane	50	50.9	102		80	119
		Toluene-d8	50	48.8	98		89	112
		4-Bromofluorobenzene	50	56.0	112		85	114
Q3194-15	EB05-20250924	1,2-Dichloroethane-d4	50	54.2	108		81	118
		Dibromofluoromethane	50	49.2	98		80	119
		Toluene-d8	50	48.3	97		89	112
		4-Bromofluorobenzene	50	55.9	112		85	114
Q3194-15RE	EB05-20250924RE	1,2-Dichloroethane-d4	50	52.3	105		81	118
		Dibromofluoromethane	50	49.9	100		80	119
		Toluene-d8	50	48.4	97		89	112
		4-Bromofluorobenzene	50	55.8	112		85	114
Q3194-16	EB06-20250924	1,2-Dichloroethane-d4	50	53.6	107		81	118
		Dibromofluoromethane	50	50.0	100		80	119
		Toluene-d8	50	49.2	98		89	112
		4-Bromofluorobenzene	50	56.3	113		85	114
Q3194-17	FB01-20250924	1,2-Dichloroethane-d4	50	53.5	107		81	118
		Dibromofluoromethane	50	49.0	98		80	119
		Toluene-d8	50	49.3	99		89	112
		4-Bromofluorobenzene	50	55.5	111		85	114
Q3194-18	TB09-20250912	1,2-Dichloroethane-d4	50	50.0	100		81	118
		Dibromofluoromethane	50	48.5	97		80	119
		Toluene-d8	50	48.4	97		89	112
		4-Bromofluorobenzene	50	53.7	107		85	114
VX1001WBL01	VX1001WBL01	1,2-Dichloroethane-d4	50	54.2	108		81	118
		Dibromofluoromethane	50	51.0	102		80	119
		Toluene-d8	50	49.2	98		89	112
		4-Bromofluorobenzene	50	55.8	112		85	114
VX1001WBS01	VX1001WBS01	1,2-Dichloroethane-d4	50	51.1	102		81	118
		Dibromofluoromethane	50	52.6	105		80	119
		Toluene-d8	50	51.9	104		89	112
		4-Bromofluorobenzene	50	51.3	103		85	114
VX1002WBL01	VX1002WBL01	1,2-Dichloroethane-d4	50	53.9	108		81	118
		Dibromofluoromethane	50	50.6	101		80	119
		Toluene-d8	50	48.8	98		89	112
		4-Bromofluorobenzene	50	56.7	113		85	114
VX1002WBS01	VX1002WBS01	1,2-Dichloroethane-d4	50	46.4	93		81	118
		Dibromofluoromethane	50	51.8	104		80	119
		Toluene-d8	50	52.5	105		89	112
		4-Bromofluorobenzene	50	52.0	104		85	114
VX1003WBL01	VX1003WBL01	1,2-Dichloroethane-d4	50	56.6	113		81	118
		Dibromofluoromethane	50	51.0	102		80	119
		Toluene-d8	50	49.4	99		89	112
		4-Bromofluorobenzene	50	57.0	114		85	114

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Analytical Method: SW8260-Low

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%)	
							Low	High
VX1003WBS02	VX1003WBS02	1,2-Dichloroethane-d4	50	53.6	107		81	118
		Dibromofluoromethane	50	55.1	110		80	119
		Toluene-d8	50	53.6	107		89	112
		4-Bromofluorobenzene	50	54.0	108		85	114