

Surrogate Summary

SDG No.: **Q3095**

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

Analytical Method: **SW8260-Low**

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%)	
							Low	High
Q3095-01	MW305I-20250908	1,2-Dichloroethane-d4	50	57.8	116		81	118
		Dibromofluoromethane	50	51.3	103		80	119
		Toluene-d8	50	51.3	103		89	112
		4-Bromofluorobenzene	50	55.5	111		85	114
Q3095-02	MW179D-20250908	1,2-Dichloroethane-d4	50	52.4	105		81	118
		Dibromofluoromethane	50	48.5	97		80	119
		Toluene-d8	50	49.3	99		89	112
		4-Bromofluorobenzene	50	50.7	101		85	114
Q3095-03	MW201D-20250908	1,2-Dichloroethane-d4	50	46.1	92		81	118
		Dibromofluoromethane	50	44.9	90		80	119
		Toluene-d8	50	45.3	91		89	112
		4-Bromofluorobenzene	50	50.0	100		85	114
Q3095-04	MW179D1-20250908	1,2-Dichloroethane-d4	50	51.6	103		81	118
		Dibromofluoromethane	50	47.9	96		80	119
		Toluene-d8	50	48.5	97		89	112
		4-Bromofluorobenzene	50	50.0	100		85	114
Q3095-05	MW203D2-20250909	1,2-Dichloroethane-d4	50	55.0	110		81	118
		Dibromofluoromethane	50	51.3	103		80	119
		Toluene-d8	50	50.6	101		89	112
		4-Bromofluorobenzene	50	51.9	104		85	114
Q3095-06MS	MW203D2-20250909MS	1,2-Dichloroethane-d4	50	52.0	104		81	118
		Dibromofluoromethane	50	50.0	100		80	119
		Toluene-d8	50	49.6	99		89	112
		4-Bromofluorobenzene	50	49.6	99		85	114
Q3095-07MSD	MW203D2-20250909MSD	1,2-Dichloroethane-d4	50	54.0	108		81	118
		Dibromofluoromethane	50	51.4	103		80	119
		Toluene-d8	50	51.5	103		89	112
		4-Bromofluorobenzene	50	52.3	105		85	114
Q3095-08	MW203D1-20250909	1,2-Dichloroethane-d4	50	54.5	109		81	118
		Dibromofluoromethane	50	50.9	102		80	119
		Toluene-d8	50	51.4	103		89	112
		4-Bromofluorobenzene	50	53.1	106		85	114
Q3095-09	MW179D2-20250909	1,2-Dichloroethane-d4	50	54.1	108		81	118
		Dibromofluoromethane	50	51.9	104		80	119
		Toluene-d8	50	52.1	104		89	112
		4-Bromofluorobenzene	50	54.6	109		85	114
Q3095-10	MW201D1-20250909	1,2-Dichloroethane-d4	50	53.7	107		81	118
		Dibromofluoromethane	50	51.1	102		80	119
		Toluene-d8	50	51.8	104		89	112
		4-Bromofluorobenzene	50	52.7	105		85	114
Q3095-11	RE122D1-20250909	1,2-Dichloroethane-d4	50	51.9	104		81	118
		Dibromofluoromethane	50	48.3	97		80	119
		Toluene-d8	50	48.3	96		89	112
		4-Bromofluorobenzene	50	48.8	98		85	114
Q3095-11DL	RE122D1-20250909DL	1,2-Dichloroethane-d4	50	51.7	103		81	118
		Dibromofluoromethane	50	50.2	100		80	119
		Toluene-d8	50	50.6	101		89	112
		4-Bromofluorobenzene	50	51.7	103		85	114
Q3095-12	MW202D-20250909	1,2-Dichloroethane-d4	50	55.0	110		81	118
		Dibromofluoromethane	50	54.7	109		80	119

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Analytical Method: **SW8260-Low**

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							Low	High
Q3095-12	MW202D-20250909	Toluene-d8	50	54.7	109		89	112
		4-Bromofluorobenzene	50	55.7	111		85	114
Q3095-13	MW178I1-20250909	1,2-Dichloroethane-d4	50	52.4	105		81	118
		Dibromofluoromethane	50	48.7	97		80	119
		Toluene-d8	50	46.6	93		89	112
		4-Bromofluorobenzene	50	48.3	97		85	114
Q3095-13DL	MW178I1-20250909DL	1,2-Dichloroethane-d4	50	52.5	105		81	118
		Dibromofluoromethane	50	50.5	101		80	119
		Toluene-d8	50	51.5	103		89	112
		4-Bromofluorobenzene	50	52.4	105		85	114
Q3095-14	RE123D1-20250909	1,2-Dichloroethane-d4	50	48.3	97		81	118
		Dibromofluoromethane	50	46.0	92		80	119
		Toluene-d8	50	46.2	92		89	112
		4-Bromofluorobenzene	50	47.3	95		85	114
Q3095-15	RE123D3-20250909	1,2-Dichloroethane-d4	50	52.0	104		81	118
		Dibromofluoromethane	50	50.8	102		80	119
		Toluene-d8	50	50.8	102		89	112
		4-Bromofluorobenzene	50	51.3	103		85	114
Q3095-16	MW305D-20250909	1,2-Dichloroethane-d4	50	50.1	100		81	118
		Dibromofluoromethane	50	45.3	91		80	119
		Toluene-d8	50	43.0	86	*	89	112
		4-Bromofluorobenzene	50	45.1	90		85	114
Q3095-16DL	MW305D-20250909DL	1,2-Dichloroethane-d4	50	50.8	102		81	118
		Dibromofluoromethane	50	48.1	96		80	119
		Toluene-d8	50	48.5	97		89	112
		4-Bromofluorobenzene	50	49.0	98		85	114
Q3095-17	DUP01-20250909	1,2-Dichloroethane-d4	50	51.8	104		81	118
		Dibromofluoromethane	50	47.4	95		80	119
		Toluene-d8	50	45.3	91		89	112
		4-Bromofluorobenzene	50	47.4	95		85	114
Q3095-17DL	DUP01-20250909DL	1,2-Dichloroethane-d4	50	58.9	118		81	118
		Dibromofluoromethane	50	55.1	110		80	119
		Toluene-d8	50	56.1	112		89	112
		4-Bromofluorobenzene	50	57.5	115	*	85	114
Q3095-18	RE126D2-20250909	1,2-Dichloroethane-d4	50	53.3	107		81	118
		Dibromofluoromethane	50	50.2	100		80	119
		Toluene-d8	50	48.6	97		89	112
		4-Bromofluorobenzene	50	50.2	100		85	114
Q3095-18DL	RE126D2-20250909DL	1,2-Dichloroethane-d4	50	49.9	100		81	118
		Dibromofluoromethane	50	48.2	96		80	119
		Toluene-d8	50	49.4	99		89	112
		4-Bromofluorobenzene	50	50.1	100		85	114
Q3095-19	RE126D3-20250909	1,2-Dichloroethane-d4	50	55.6	111		81	118
		Dibromofluoromethane	50	52.6	105		80	119
		Toluene-d8	50	53.5	107		89	112
		4-Bromofluorobenzene	50	54.2	108		85	114
Q3095-20	MW178S-20250910	1,2-Dichloroethane-d4	50	55.7	111		81	118
		Dibromofluoromethane	50	51.4	103		80	119
		Toluene-d8	50	52.2	104		89	112
		4-Bromofluorobenzene	50	53.6	107		85	114

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Analytical Method: **SW8260-Low**

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							Low	High
Q3095-21	RE126D1-20250910	1,2-Dichloroethane-d4	50	51.5	103		81	118
		Dibromofluoromethane	50	48.9	98		80	119
		Toluene-d8	50	48.7	97		89	112
		4-Bromofluorobenzene	50	49.5	99		85	114
Q3095-22	MW202D1-20250910	1,2-Dichloroethane-d4	50	52.2	104		81	118
		Dibromofluoromethane	50	49.2	98		80	119
		Toluene-d8	50	49.3	99		89	112
		4-Bromofluorobenzene	50	50.3	101		85	114
Q3095-23	RE104D2-20250910	1,2-Dichloroethane-d4	50	53.1	106		81	118
		Dibromofluoromethane	50	51.0	102		80	119
		Toluene-d8	50	51.0	102		89	112
		4-Bromofluorobenzene	50	51.5	103		85	114
Q3095-23DL	RE104D2-20250910DL	1,2-Dichloroethane-d4	50	48.9	98		81	118
		Dibromofluoromethane	50	48.1	96		80	119
		Toluene-d8	50	48.9	98		89	112
		4-Bromofluorobenzene	50	49.9	100		85	114
Q3095-24	MW178I-20250910	1,2-Dichloroethane-d4	50	51.1	102		81	118
		Dibromofluoromethane	50	47.6	95		80	119
		Toluene-d8	50	48.1	96		89	112
		4-Bromofluorobenzene	50	48.7	97		85	114
Q3095-25	DUP02-20250910	1,2-Dichloroethane-d4	50	53.8	107		81	118
		Dibromofluoromethane	50	50.9	102		80	119
		Toluene-d8	50	44.7	89		89	112
		4-Bromofluorobenzene	50	46.8	93		85	114
Q3095-25DL	DUP02-20250910DL	1,2-Dichloroethane-d4	50	54.5	109		81	118
		Dibromofluoromethane	50	54.1	108		80	119
		Toluene-d8	50	54.3	109		89	112
		4-Bromofluorobenzene	50	55.2	110		85	114
Q3095-26	DUP03-20250910	1,2-Dichloroethane-d4	50	51.9	104		81	118
		Dibromofluoromethane	50	50.4	101		80	119
		Toluene-d8	50	49.5	99		89	112
		4-Bromofluorobenzene	50	49.9	100		85	114
Q3095-27	RE117D1-20250910	1,2-Dichloroethane-d4	50	56.7	113		81	118
		Dibromofluoromethane	50	53.5	107		80	119
		Toluene-d8	50	53.4	107		89	112
		4-Bromofluorobenzene	50	53.9	108		85	114
Q3095-28	RE104D3-20250910	1,2-Dichloroethane-d4	50	50.9	102		81	118
		Dibromofluoromethane	50	48.2	96		80	119
		Toluene-d8	50	48.3	97		89	112
		4-Bromofluorobenzene	50	48.4	97		85	114
Q3095-29	RE122D2-20250910	1,2-Dichloroethane-d4	50	58.2	116		81	118
		Dibromofluoromethane	50	54.8	110		80	119
		Toluene-d8	50	48.9	98		89	112
		4-Bromofluorobenzene	50	50.7	101		85	114
Q3095-29DL	RE122D2-20250910DL	1,2-Dichloroethane-d4	50	60.1	120	*	81	118
		Dibromofluoromethane	50	57.3	115		80	119
		Toluene-d8	50	57.3	115	*	89	112
		4-Bromofluorobenzene	50	58.7	117	*	85	114
Q3095-30	RE104D1-20250910	1,2-Dichloroethane-d4	50	57.5	115		81	118
		Dibromofluoromethane	50	55.6	111		80	119

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Analytical Method: **SW8260-Low**

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%)	
							Low	High
Q3095-30	RE104D1-20250910	Toluene-d8	50	55.3	111		89	112
		4-Bromofluorobenzene	50	55.6	111		85	114
Q3095-31	TT180D-20250911	1,2-Dichloroethane-d4	50	58.0	116		81	118
		Dibromofluoromethane	50	56.7	113		80	119
		Toluene-d8	50	56.1	112		89	112
		4-Bromofluorobenzene	50	56.6	113		85	114
Q3095-32	RE122D3-20250911	1,2-Dichloroethane-d4	50	51.1	102		81	118
		Dibromofluoromethane	50	50.1	100		80	119
		Toluene-d8	50	49.8	100		89	112
		4-Bromofluorobenzene	50	50.4	101		85	114
Q3095-33	TB01-20250911	1,2-Dichloroethane-d4	50	51.7	103		81	118
		Dibromofluoromethane	50	50.3	101		80	119
		Toluene-d8	50	50.6	101		89	112
		4-Bromofluorobenzene	50	51.3	103		85	114
Q3095-34	TB02-20250911	1,2-Dichloroethane-d4	50	51.4	103		81	118
		Dibromofluoromethane	50	49.5	99		80	119
		Toluene-d8	50	49.3	99		89	112
		4-Bromofluorobenzene	50	49.8	100		85	114
VX0917WBL01	VX0917WBL01	1,2-Dichloroethane-d4	50	50.2	100		81	118
		Dibromofluoromethane	50	47.0	94		80	119
		Toluene-d8	50	47.4	95		89	112
		4-Bromofluorobenzene	50	52.9	106		85	114
VX0917WBS01	VX0917WBS01	1,2-Dichloroethane-d4	50	50.5	101		81	118
		Dibromofluoromethane	50	50.9	102		80	119
		Toluene-d8	50	51.5	103		89	112
		4-Bromofluorobenzene	50	51.4	103		85	114
VX0918WBL01	VX0918WBL01	1,2-Dichloroethane-d4	50	52.8	106		81	118
		Dibromofluoromethane	50	49.1	98		80	119
		Toluene-d8	50	49.8	100		89	112
		4-Bromofluorobenzene	50	53.1	106		85	114
VX0918WBS01	VX0918WBS01	1,2-Dichloroethane-d4	50	48.7	97		81	118
		Dibromofluoromethane	50	50.0	100		80	119
		Toluene-d8	50	50.1	100		89	112
		4-Bromofluorobenzene	50	50.2	100		85	114
VX0919WBL01	VX0919WBL01	1,2-Dichloroethane-d4	50	57.8	116		81	118
		Dibromofluoromethane	50	52.5	105		80	119
		Toluene-d8	50	52.3	105		89	112
		4-Bromofluorobenzene	50	56.3	113		85	114
VX0919WBS01	VX0919WBS01	1,2-Dichloroethane-d4	50	53.2	106		81	118
		Dibromofluoromethane	50	54.2	108		80	119
		Toluene-d8	50	55.4	111		89	112
		4-Bromofluorobenzene	50	55.0	110		85	114