

Surrogate Summary

SDG No.: **P5261**

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

Analytical Method: **SW8260-Low**

Lab Sample ID	Client ID	Parameter	Spike	Result	RecoveryQual	Limits	
						Low	High
P5261-01	RE122D1-20241209	1,2-Dichloroethane-d4	50	50.4	101	81	118
		Dibromofluoromethane	50	48.2	96	80	119
		Toluene-d8	50	52.1	104	89	112
		4-Bromofluorobenzene	50	49.4	99	85	114
P5261-01DL	RE122D1-20241209DL	1,2-Dichloroethane-d4	50	48.3	97	81	118
		Dibromofluoromethane	50	47.1	94	80	119
		Toluene-d8	50	51.5	103	89	112
		4-Bromofluorobenzene	50	47.0	94	85	114
P5261-02	RE122D2-20241209	1,2-Dichloroethane-d4	50	47.2	94	81	118
		Dibromofluoromethane	50	46.3	93	80	119
		Toluene-d8	50	50.5	101	89	112
		4-Bromofluorobenzene	50	47.0	94	85	114
P5261-03	RE122D3-20241209	1,2-Dichloroethane-d4	50	47.7	95	81	118
		Dibromofluoromethane	50	46.8	94	80	119
		Toluene-d8	50	52.4	105	89	112
		4-Bromofluorobenzene	50	49.6	99	85	114
P5261-04	RE103D1-20241209	1,2-Dichloroethane-d4	50	50.5	101	81	118
		Dibromofluoromethane	50	47.5	95	80	119
		Toluene-d8	50	51.5	103	89	112
		4-Bromofluorobenzene	50	49.4	99	85	114
P5261-04DL	RE103D1-20241209DL	1,2-Dichloroethane-d4	50	47.3	95	81	118
		Dibromofluoromethane	50	47.2	94	80	119
		Toluene-d8	50	52.3	105	89	112
		4-Bromofluorobenzene	50	49.4	99	85	114
P5261-05	RE103D2-20241209	1,2-Dichloroethane-d4	50	50.1	100	81	118
		Dibromofluoromethane	50	46.9	94	80	119
		Toluene-d8	50	51.5	103	89	112
		4-Bromofluorobenzene	50	48.0	96	85	114
P5261-05DL	RE103D2-20241209DL	1,2-Dichloroethane-d4	50	47.0	94	81	118
		Dibromofluoromethane	50	47.2	94	80	119
		Toluene-d8	50	52.0	104	89	112
		4-Bromofluorobenzene	50	47.2	94	85	114
P5261-06	RE103D3-20241209	1,2-Dichloroethane-d4	50	50.6	101	81	118
		Dibromofluoromethane	50	46.8	94	80	119
		Toluene-d8	50	51.7	103	89	112
		4-Bromofluorobenzene	50	51.0	102	85	114
P5261-07	RE134D1-20241209	1,2-Dichloroethane-d4	50	49.0	98	81	118
		Dibromofluoromethane	50	46.7	93	80	119
		Toluene-d8	50	52.0	104	89	112
		4-Bromofluorobenzene	50	49.4	99	85	114
P5261-08	DUP-01-20241209	1,2-Dichloroethane-d4	50	48.8	98	81	118
		Dibromofluoromethane	50	47.5	95	80	119
		Toluene-d8	50	53.2	106	89	112
		4-Bromofluorobenzene	50	48.6	97	85	114
P5261-09	RE134D3-20241210	1,2-Dichloroethane-d4	50	50.4	101	81	118
		Dibromofluoromethane	50	48.5	97	80	119
		Toluene-d8	50	52.4	105	89	112
		4-Bromofluorobenzene	50	48.0	96	85	114
P5261-09DL	RE134D3-20241210DL	1,2-Dichloroethane-d4	50	46.3	93	81	118
		Dibromofluoromethane	50	47.1	94	80	119

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Analytical Method: **SW8260-Low**

Lab Sample ID	Client ID	Parameter	Spike	Result	RecoveryQual	Limits	
						Low	High
P5261-09DL	RE134D3-20241210DL	Toluene-d8	50	51.4	103	89	112
		4-Bromofluorobenzene	50	46.5	93	85	114
P5261-10	RE134D4-20241210	1,2-Dichloroethane-d4	50	50.2	100	81	118
		Dibromofluoromethane	50	47.8	96	80	119
		Toluene-d8	50	52.0	104	89	112
		4-Bromofluorobenzene	50	50.2	100	85	114
P5261-10DL	RE134D4-20241210DL	1,2-Dichloroethane-d4	50	47.7	95	81	118
		Dibromofluoromethane	50	47.8	96	80	119
		Toluene-d8	50	51.9	104	89	112
		4-Bromofluorobenzene	50	47.3	95	85	114
P5261-11	GM3-RW3-MW1-20241210	1,2-Dichloroethane-d4	50	48.5	97	81	118
		Dibromofluoromethane	50	46.5	93	80	119
		Toluene-d8	50	51.9	104	89	112
		4-Bromofluorobenzene	50	47.8	96	85	114
P5261-12	RE125D1-20241210	1,2-Dichloroethane-d4	50	44.3	89	81	118
		Dibromofluoromethane	50	47.1	94	80	119
		Toluene-d8	50	51.2	102	89	112
		4-Bromofluorobenzene	50	46.6	93	85	114
P5261-12DL	RE125D1-20241210DL	1,2-Dichloroethane-d4	50	42.0	84	81	118
		Dibromofluoromethane	50	47.4	95	80	119
		Toluene-d8	50	51.0	102	89	112
		4-Bromofluorobenzene	50	47.3	95	85	114
P5261-13MS	RE125D1-20241210MS	1,2-Dichloroethane-d4	50	42.8	86	81	118
		Dibromofluoromethane	50	47.2	94	80	119
		Toluene-d8	50	46.9	94	89	112
		4-Bromofluorobenzene	50	45.4	91	85	114
P5261-14MSD	RE125D1-20241210MSD	1,2-Dichloroethane-d4	50	45.4	91	81	118
		Dibromofluoromethane	50	50.6	101	80	119
		Toluene-d8	50	50.9	102	89	112
		4-Bromofluorobenzene	50	50.0	100	85	114
P5261-15	RE125D2-20241210	1,2-Dichloroethane-d4	50	51.0	102	81	118
		Dibromofluoromethane	50	46.9	94	80	119
		Toluene-d8	50	52.0	104	89	112
		4-Bromofluorobenzene	50	47.2	94	85	114
P5261-15DL	RE125D2-20241210DL	1,2-Dichloroethane-d4	50	47.5	95	81	118
		Dibromofluoromethane	50	47.3	95	80	119
		Toluene-d8	50	52.0	104	89	112
		4-Bromofluorobenzene	50	46.7	93	85	114
P5261-16	RE125D3-20241210	1,2-Dichloroethane-d4	50	50.7	101	81	118
		Dibromofluoromethane	50	47.0	94	80	119
		Toluene-d8	50	52.6	105	89	112
		4-Bromofluorobenzene	50	50.5	101	85	114
P5261-16DL	RE125D3-20241210DL	1,2-Dichloroethane-d4	50	47.1	94	81	118
		Dibromofluoromethane	50	46.6	93	80	119
		Toluene-d8	50	52.8	106	89	112
		4-Bromofluorobenzene	50	48.7	97	85	114
P5261-17	RE120D1-20241210	1,2-Dichloroethane-d4	50	47.3	95	81	118
		Dibromofluoromethane	50	47.4	95	80	119
		Toluene-d8	50	51.6	103	89	112
		4-Bromofluorobenzene	50	45.5	91	85	114

Surrogate Summary

SDG No.: **P5261**

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

Analytical Method: **SW8260-Low**

Lab Sample ID	Client ID	Parameter	Spike	Result	RecoveryQual	Limits	
						Low	High
P5261-18	RE120D2-20241210	1,2-Dichloroethane-d4	50	50.6	101	81	118
		Dibromofluoromethane	50	47.5	95	80	119
		Toluene-d8	50	52.5	105	89	112
		4-Bromofluorobenzene	50	49.5	99	85	114
P5261-18DL	RE120D2-20241210DL	1,2-Dichloroethane-d4	50	46.2	92	81	118
		Dibromofluoromethane	50	46.7	93	80	119
		Toluene-d8	50	52.5	105	89	112
		4-Bromofluorobenzene	50	47.0	94	85	114
P5261-19	RE120D3-20241210	1,2-Dichloroethane-d4	50	46.3	93	81	118
		Dibromofluoromethane	50	47.1	94	80	119
		Toluene-d8	50	51.3	103	89	112
		4-Bromofluorobenzene	50	47.2	94	85	114
P5261-19DL	RE120D3-20241210DL	1,2-Dichloroethane-d4	50	45.1	90	81	118
		Dibromofluoromethane	50	46.7	93	80	119
		Toluene-d8	50	50.8	101	89	112
		4-Bromofluorobenzene	50	49.4	99	85	114
P5261-20	DUP-02-20241210	1,2-Dichloroethane-d4	50	49.4	99	81	118
		Dibromofluoromethane	50	46.9	94	80	119
		Toluene-d8	50	52.0	104	89	112
		4-Bromofluorobenzene	50	49.5	99	85	114
P5261-21	TB	1,2-Dichloroethane-d4	50	46.4	93	81	118
		Dibromofluoromethane	50	46.5	93	80	119
		Toluene-d8	50	51.5	103	89	112
		4-Bromofluorobenzene	50	44.1	88	85	114
VX1212WBL01	VX1212WBL01	1,2-Dichloroethane-d4	50	48.1	96	81	118
		Dibromofluoromethane	50	47.6	95	80	119
		Toluene-d8	50	52.6	105	89	112
		4-Bromofluorobenzene	50	51.1	102	85	114
VX1212WBS01	VX1212WBS01	1,2-Dichloroethane-d4	50	50.9	102	81	118
		Dibromofluoromethane	50	50.5	101	80	119
		Toluene-d8	50	53.2	106	89	112
		4-Bromofluorobenzene	50	51.9	104	85	114
VX1216WBL01	VX1216WBL01	1,2-Dichloroethane-d4	50	47.5	95	81	118
		Dibromofluoromethane	50	46.8	94	80	119
		Toluene-d8	50	51.5	103	89	112
		4-Bromofluorobenzene	50	49.4	99	85	114
VX1216WBS01	VX1216WBS01	1,2-Dichloroethane-d4	50	47.2	94	81	118
		Dibromofluoromethane	50	48.5	97	80	119
		Toluene-d8	50	50.9	102	89	112
		4-Bromofluorobenzene	50	48.6	97	85	114
VX1218WBL01	VX1218WBL01	1,2-Dichloroethane-d4	50	45.6	91	81	118
		Dibromofluoromethane	50	47.1	94	80	119
		Toluene-d8	50	51.2	102	89	112
		4-Bromofluorobenzene	50	47.2	94	85	114
VX1218WBS01	VX1218WBS01	1,2-Dichloroethane-d4	50	47.2	94	81	118
		Dibromofluoromethane	50	50.5	101	80	119
		Toluene-d8	50	50.8	102	89	112
		4-Bromofluorobenzene	50	48.2	96	85	114
VX1220WBL01	VX1220WBL01	1,2-Dichloroethane-d4	50	44.1	88	81	118
		Dibromofluoromethane	50	47.5	95	80	119

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Analytical Method: SW8260-Low

Lab Sample ID	Client ID	Parameter	Spike	Result	RecoveryQual	Limits	
						Low	High
VX1220WBL01	VX1220WBL01	Toluene-d8	50	52.0	104	89	112
		4-Bromofluorobenzene	50	48.4	97	85	114
VX1220WBS01	VX1220WBS01	1,2-Dichloroethane-d4	50	42.7	85	81	118
		Dibromofluoromethane	50	48.5	97	80	119
		Toluene-d8	50	48.7	97	89	112
		4-Bromofluorobenzene	50	46.4	93	85	114