

Surrogate Summary

SDG No.: **P4846**

Client: **EA Engineering Science & Technology**

Analytical Method: **SW8260-Low**

Lab Sample ID	Client ID	Parameter	Spike	Result	RecoveryQual	Limits	
						Low	High
P4846-01	FSND-MW-EVAL-03D-20241113	1,2-Dichloroethane-d4	50	51.4	103	81	118
		Dibromofluoromethane	50	46.5	93	80	119
		Toluene-d8	50	49.3	99	89	112
		4-Bromofluorobenzene	50	46.9	94	85	114
P4846-01DL	FSND-MW-EVAL-03D-20241113DL	1,2-Dichloroethane-d4	50	50.3	101	81	118
		Dibromofluoromethane	50	48.0	96	80	119
		Toluene-d8	50	49.6	99	89	112
		4-Bromofluorobenzene	50	48.1	96	85	114
P4846-02	FSND-MW-EVAL-03S-20241113	1,2-Dichloroethane-d4	50	51.8	104	81	118
		Dibromofluoromethane	50	45.9	92	80	119
		Toluene-d8	50	49.1	98	89	112
		4-Bromofluorobenzene	50	48.0	96	85	114
P4846-03	FSND-FD-3-20241113	1,2-Dichloroethane-d4	50	52.2	104	81	118
		Dibromofluoromethane	50	46.8	94	80	119
		Toluene-d8	50	50.3	101	89	112
		4-Bromofluorobenzene	50	48.4	97	85	114
P4846-04	FSND-MW-EVAL-04S-20241113	1,2-Dichloroethane-d4	50	51.7	103	81	118
		Dibromofluoromethane	50	48.0	96	80	119
		Toluene-d8	50	50.4	101	89	112
		4-Bromofluorobenzene	50	49.9	100	85	114
P4846-05	FSND-MW-EVAL-04D-20241113	1,2-Dichloroethane-d4	50	49.6	99	81	118
		Dibromofluoromethane	50	46.0	92	80	119
		Toluene-d8	50	49.5	99	89	112
		4-Bromofluorobenzene	50	46.6	93	85	114
P4846-06MS	FSND-MW-EVAL-04D-20241113MS	1,2-Dichloroethane-d4	50	50.8	102	81	118
		Dibromofluoromethane	50	50.7	101	80	119
		Toluene-d8	50	48.7	97	89	112
		4-Bromofluorobenzene	50	49.4	99	85	114
P4846-07MSD	FSND-MW-EVAL-04D-20241113MSD	1,2-Dichloroethane-d4	50	55.7	111	81	118
		Dibromofluoromethane	50	53.8	108	80	119
		Toluene-d8	50	54.0	108	89	112
		4-Bromofluorobenzene	50	54.9	110	85	114
P4846-08	FSND-MW-26-20241113	1,2-Dichloroethane-d4	50	51.1	102	81	118
		Dibromofluoromethane	50	47.4	95	80	119
		Toluene-d8	50	49.8	100	89	112
		4-Bromofluorobenzene	50	46.1	92	85	114
P4846-09	TB-1-20241113	1,2-Dichloroethane-d4	50	51.4	103	81	118
		Dibromofluoromethane	50	45.8	92	80	119
		Toluene-d8	50	50.5	101	89	112
		4-Bromofluorobenzene	50	48.4	97	85	114
P4846-10	FSND-RB-3-20241113	1,2-Dichloroethane-d4	50	52.3	105	81	118
		Dibromofluoromethane	50	46.5	93	80	119
		Toluene-d8	50	50.1	100	89	112
		4-Bromofluorobenzene	50	47.1	94	85	114
P4846-11	FSND-MW-24-20241113	1,2-Dichloroethane-d4	50	51.8	104	81	118
		Dibromofluoromethane	50	47.0	94	80	119
		Toluene-d8	50	49.8	100	89	112
		4-Bromofluorobenzene	50	49.0	98	85	114
P4846-12	FSND-MW-15-20241113	1,2-Dichloroethane-d4	50	52.0	104	81	118
		Dibromofluoromethane	50	46.5	93	80	119

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Lab Sample ID	Client ID	Parameter	Spike	Result	RecoveryQual	Limits	
						Low	High
P4846-12	FSND-MW-15-20241113	Toluene-d8	50	49.4	99	89	112
		4-Bromofluorobenzene	50	46.6	93	85	114
P4846-13	FSND-MW-EVAL-02D-20241113	1,2-Dichloroethane-d4	50	52.4	105	81	118
		Dibromofluoromethane	50	45.6	91	80	119
		Toluene-d8	50	49.4	99	89	112
		4-Bromofluorobenzene	50	45.8	92	85	114
P4846-14	FSND-MW-EVAL-02S-20241113	1,2-Dichloroethane-d4	50	51.5	103	81	118
		Dibromofluoromethane	50	46.4	93	80	119
		Toluene-d8	50	48.5	97	89	112
		4-Bromofluorobenzene	50	47.6	95	85	114
P4846-15	FSND-FD-4-20241113	1,2-Dichloroethane-d4	50	51.9	104	81	118
		Dibromofluoromethane	50	45.8	92	80	119
		Toluene-d8	50	50.4	101	89	112
		4-Bromofluorobenzene	50	47.2	94	85	114
P4846-16	FSND-MW-EVAL-01D-20241113	1,2-Dichloroethane-d4	50	52.4	105	81	118
		Dibromofluoromethane	50	45.8	92	80	119
		Toluene-d8	50	49.6	99	89	112
		4-Bromofluorobenzene	50	49.2	98	85	114
P4846-16DL	FSND-MW-EVAL-01D-20241113DL	1,2-Dichloroethane-d4	50	52.8	106	81	118
		Dibromofluoromethane	50	46.8	94	80	119
		Toluene-d8	50	48.6	97	89	112
		4-Bromofluorobenzene	50	48.8	97	85	114
P4846-17	FSND-MW-EVAL-01S-20241113	1,2-Dichloroethane-d4	50	52.3	105	81	118
		Dibromofluoromethane	50	46.1	92	80	119
		Toluene-d8	50	50.1	100	89	112
		4-Bromofluorobenzene	50	48.6	97	85	114
VX1122WBL01	VX1122WBL01	1,2-Dichloroethane-d4	50	50.7	101	81	118
		Dibromofluoromethane	50	46.6	93	80	119
		Toluene-d8	50	48.7	97	89	112
		4-Bromofluorobenzene	50	47.9	96	85	114
VX1122WBS01	VX1122WBS01	1,2-Dichloroethane-d4	50	54.0	108	81	118
		Dibromofluoromethane	50	50.5	101	80	119
		Toluene-d8	50	50.9	102	89	112
		4-Bromofluorobenzene	50	50.4	101	85	114
VX1125WBL01	VX1125WBL01	1,2-Dichloroethane-d4	50	52.0	104	81	118
		Dibromofluoromethane	50	47.2	94	80	119
		Toluene-d8	50	51.6	103	89	112
		4-Bromofluorobenzene	50	50.7	101	85	114
VX1125WBS01	VX1125WBS01	1,2-Dichloroethane-d4	50	50.6	101	81	118
		Dibromofluoromethane	50	49.4	99	80	119
		Toluene-d8	50	48.8	98	89	112
		4-Bromofluorobenzene	50	47.3	95	85	114