

Surrogate Summary

SDG No.: **P3671**

Client: **JACOBS Engineering Group, Inc.**

Analytical Method: **SW8260D**

Lab Sample ID	Client ID	Parameter	Spike	Result	RecoveryQual	Limits	
						Low	High
P3671-01	S-904-J-SO-0-0.5-081924	1,2-Dichloroethane-d4	50	56.3	113	70 (50)	130 (163)
		Dibromofluoromethane	50	55.0	110	70 (54)	130 (147)
		Toluene-d8	50	57.2	114	70 (58)	130 (134)
		4-Bromofluorobenzene	50	50.0	100	70 (29)	130 (146)
P3671-02	S-904-J-SO-0.5-1.0-081924	1,2-Dichloroethane-d4	50	50.6	101	70 (50)	130 (163)
		Dibromofluoromethane	50	49.1	98	70 (54)	130 (147)
		Toluene-d8	50	47.2	94	70 (58)	130 (134)
		4-Bromofluorobenzene	50	40.2	80	70 (29)	130 (146)
P3671-03	S-911-K1-SO-0-0.5-081924	1,2-Dichloroethane-d4	50	40.8	82	70 (50)	130 (163)
		Dibromofluoromethane	50	46.6	93	70 (54)	130 (147)
		Toluene-d8	50	44.4	89	70 (58)	130 (134)
		4-Bromofluorobenzene	50	25.3	51 *	70 (29)	130 (146)
P3671-03RE	S-911-K1-SO-0-0.5-081924RE	1,2-Dichloroethane-d4	50	45.6	91	70 (50)	130 (163)
		Dibromofluoromethane	50	52.5	105	70 (54)	130 (147)
		Toluene-d8	50	45.0	90	70 (58)	130 (134)
		4-Bromofluorobenzene	50	38.0	76	70 (29)	130 (146)
P3671-04	S-911-K1-SO-0.5-1-081924	1,2-Dichloroethane-d4	50	51.7	103	70 (50)	130 (163)
		Dibromofluoromethane	50	51.0	102	70 (54)	130 (147)
		Toluene-d8	50	47.7	95	70 (58)	130 (134)
		4-Bromofluorobenzene	50	34.3	69 *	70 (29)	130 (146)
P3671-04RE	S-911-K1-SO-0.5-1-081924RE	1,2-Dichloroethane-d4	50	36.7	73	70 (50)	130 (163)
		Dibromofluoromethane	50	53.4	107	70 (54)	130 (147)
		Toluene-d8	50	54.0	108	70 (58)	130 (134)
		4-Bromofluorobenzene	50	30.3	61 *	70 (29)	130 (146)
P3671-05	S-911-K1-SO-0-0.5-081924-FD	1,2-Dichloroethane-d4	50	51.9	104	70 (50)	130 (163)
		Dibromofluoromethane	50	50.3	101	70 (54)	130 (147)
		Toluene-d8	50	46.8	94	70 (58)	130 (134)
		4-Bromofluorobenzene	50	36.5	73	70 (29)	130 (146)
P3671-05RE	S-911-K1-SO-0-0.5-081924-FDRE	1,2-Dichloroethane-d4	50	53.9	108	70 (50)	130 (163)
		Dibromofluoromethane	50	48.6	97	70 (54)	130 (147)
		Toluene-d8	50	45.2	90	70 (58)	130 (134)
		4-Bromofluorobenzene	50	28.6	57 *	70 (29)	130 (146)
P3671-06	S-905-KJ-SO-0-0.5-081924	1,2-Dichloroethane-d4	50	55.0	110	70 (50)	130 (163)
		Dibromofluoromethane	50	49.8	100	70 (54)	130 (147)
		Toluene-d8	50	48.2	96	70 (58)	130 (134)
		4-Bromofluorobenzene	50	44.0	88	70 (29)	130 (146)
P3671-07	S-905-KJ-SO-0-0.5-081924-FD	1,2-Dichloroethane-d4	50	58.0	116	70 (50)	130 (163)
		Dibromofluoromethane	50	50.2	100	70 (54)	130 (147)
		Toluene-d8	50	48.1	96	70 (58)	130 (134)
		4-Bromofluorobenzene	50	47.0	94	70 (29)	130 (146)
P3671-08	S-905-J-SO-0.5-1.0-081924	1,2-Dichloroethane-d4	50	56.7	113	70 (50)	130 (163)
		Dibromofluoromethane	50	49.8	100	70 (54)	130 (147)
		Toluene-d8	50	48.6	97	70 (58)	130 (134)
		4-Bromofluorobenzene	50	45.2	90	70 (29)	130 (146)
P3671-09	S-928-K1-SO-0-0.5-081924	1,2-Dichloroethane-d4	50	53.6	107	70 (50)	130 (163)
		Dibromofluoromethane	50	48.5	97	70 (54)	130 (147)
		Toluene-d8	50	51.1	102	70 (58)	130 (134)
		4-Bromofluorobenzene	50	41.3	82	70 (29)	130 (146)
P3671-09RE	S-928-K1-SO-0-0.5-081924RE	1,2-Dichloroethane-d4	50	48.9	98	70 (50)	130 (163)
		Dibromofluoromethane	50	50.7	101	70 (54)	130 (147)

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Lab Sample ID	Client ID	Parameter	Spike	Result	RecoveryQual	Limits	
						Low	High
P3671-09RE	S-928-K1-SO-0-0.5-081924RE	Toluene-d8	50	48.7	97	70 (58)	130 (134)
		4-Bromofluorobenzene	50	34.0	68 *	70 (29)	130 (146)
P3671-10	S-928-K1-SO-0.5-1-081924	1,2-Dichloroethane-d4	50	18.0	36 *	70 (50)	130 (163)
		Dibromofluoromethane	50	39.2	78	70 (54)	130 (147)
		Toluene-d8	50	41.8	84	70 (58)	130 (134)
		4-Bromofluorobenzene	50	8.44	17 *	70 (29)	130 (146)
P3671-10RE	S-928-K1-SO-0.5-1-081924RE	1,2-Dichloroethane-d4	50	54.0	108	70 (50)	130 (163)
		Dibromofluoromethane	50	47.9	96	70 (54)	130 (147)
		Toluene-d8	50	47.5	95	70 (58)	130 (134)
		4-Bromofluorobenzene	50	34.3	69 *	70 (29)	130 (146)
P3671-11	S-903-J-SO-0-0.5-081924	1,2-Dichloroethane-d4	50	54.0	108	70 (50)	130 (163)
		Dibromofluoromethane	50	49.5	99	70 (54)	130 (147)
		Toluene-d8	50	48.4	97	70 (58)	130 (134)
		4-Bromofluorobenzene	50	48.2	96	70 (29)	130 (146)
P3671-12	S-903-J-SO-0.5-1.0-081924	1,2-Dichloroethane-d4	50	48.0	96	70 (50)	130 (163)
		Dibromofluoromethane	50	51.3	103	70 (54)	130 (147)
		Toluene-d8	50	52.2	104	70 (58)	130 (134)
		4-Bromofluorobenzene	50	46.3	93	70 (29)	130 (146)
P3671-13	S-912-J-SO-0-0.5-081924	1,2-Dichloroethane-d4	50	51.2	102	70 (50)	130 (163)
		Dibromofluoromethane	50	51.6	103	70 (54)	130 (147)
		Toluene-d8	50	48.1	96	70 (58)	130 (134)
		4-Bromofluorobenzene	50	28.3	57 *	70 (29)	130 (146)
P3671-13RE	S-912-J-SO-0-0.5-081924RE	1,2-Dichloroethane-d4	50	47.9	96	70 (50)	130 (163)
		Dibromofluoromethane	50	49.4	99	70 (54)	130 (147)
		Toluene-d8	50	46.9	94	70 (58)	130 (134)
		4-Bromofluorobenzene	50	27.5	55 *	70 (29)	130 (146)
P3671-14	S-912-J-SO-0.5-1-081924	1,2-Dichloroethane-d4	50	59.8	120	70 (50)	130 (163)
		Dibromofluoromethane	50	46.2	92	70 (54)	130 (147)
		Toluene-d8	50	48.5	97	70 (58)	130 (134)
		4-Bromofluorobenzene	50	36.8	74	70 (29)	130 (146)
VY0821SBL02	VY0821SBL02	1,2-Dichloroethane-d4	50	57.0	114	70 (50)	130 (163)
		Dibromofluoromethane	50	51.6	103	70 (54)	130 (147)
		Toluene-d8	50	49.5	99	70 (58)	130 (134)
		4-Bromofluorobenzene	50	45.5	91	70 (29)	130 (146)
VY0821SBS02	VY0821SBS02	1,2-Dichloroethane-d4	50	49.8	100	70 (50)	130 (163)
		Dibromofluoromethane	50	50.5	101	70 (54)	130 (147)
		Toluene-d8	50	50.0	100	70 (58)	130 (134)
		4-Bromofluorobenzene	50	48.0	96	70 (29)	130 (146)
VY0821SBSD02	VY0821SBSD02	1,2-Dichloroethane-d4	50	51.8	104	70 (50)	130 (163)
		Dibromofluoromethane	50	47.9	96	70 (54)	130 (147)
		Toluene-d8	50	47.4	95	70 (58)	130 (134)
		4-Bromofluorobenzene	50	46.9	94	70 (29)	130 (146)
VY0822SBL01	VY0822SBL01	1,2-Dichloroethane-d4	50	50.0	100	70 (50)	130 (163)
		Dibromofluoromethane	50	48.1	96	70 (54)	130 (147)
		Toluene-d8	50	47.0	94	70 (58)	130 (134)
		4-Bromofluorobenzene	50	41.5	83	70 (29)	130 (146)
VY0822SBS01	VY0822SBS01	1,2-Dichloroethane-d4	50	51.7	103	70 (50)	130 (163)
		Dibromofluoromethane	50	51.6	103	70 (54)	130 (147)
		Toluene-d8	50	52.5	105	70 (58)	130 (134)
		4-Bromofluorobenzene	50	52.8	106	70 (29)	130 (146)

