

Surrogate Summary

SW-846

SDG No.: Q2200

Client: JACOBS Engineering Group, Inc.

Analytical Method: 8270-Modified

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
							Low	High
PB168286BL	PB168286BL	2-Methylnaphthalene-d10	0.4	0.36	89		30 (20)	150 (139)
		Fluoranthene-d10	0.4	0.34	85		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.34	84		30 (27)	130 (154)
		2-Fluorobiphenyl	0.4	0.37	91		30 (30)	130 (155)
		Terphenyl-d14	0.4	0.39	98		30 (54)	130 (175)
PB168286BS	PB168286BS	2-Methylnaphthalene-d10	0.4	0.39	97		30 (20)	150 (139)
		Fluoranthene-d10	0.4	0.30	76		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.35	88		30 (27)	130 (154)
		2-Fluorobiphenyl	0.4	0.38	94		30 (30)	130 (155)
		Terphenyl-d14	0.4	0.37	91		30 (54)	130 (175)
PB168286BSD	PB168286BSD	2-Methylnaphthalene-d10	0.4	0.41	101		30 (20)	150 (139)
		Fluoranthene-d10	0.4	0.32	79		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.36	89		30 (27)	130 (154)
		2-Fluorobiphenyl	0.4	0.38	96		30 (30)	130 (155)
		Terphenyl-d14	0.4	0.38	94		30 (54)	130 (175)
Q2200-01	RMW-02B-66-060325	2-Methylnaphthalene-d10	0.4	0.31	77		30 (20)	150 (139)
		Fluoranthene-d10	0.4	0.38	95		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.33	83		30 (27)	130 (154)
		2-Fluorobiphenyl	0.4	0.36	90		30 (30)	130 (155)
		Terphenyl-d14	0.4	0.44	110		30 (54)	130 (175)
Q2200-01DL	RMW-02B-66-060325DL	2-Methylnaphthalene-d10	0.4	0.33	83		30 (20)	150 (139)
		Fluoranthene-d10	0.4	0.42	105		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.30	75		30 (27)	130 (154)
		2-Fluorobiphenyl	0.4	0.37	93		30 (30)	130 (155)
		Terphenyl-d14	0.4	0.52	130		30 (54)	130 (175)
Q2200-02	RMW-03B-90-060325	2-Methylnaphthalene-d10	0.4	0.30	74		30 (20)	150 (139)
		Fluoranthene-d10	0.4	0.37	91		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.31	78		30 (27)	130 (154)
		2-Fluorobiphenyl	0.4	0.32	81		30 (30)	130 (155)
		Terphenyl-d14	0.4	0.45	113		30 (54)	130 (175)
Q2200-02DL	RMW-03B-90-060325DL	2-Methylnaphthalene-d10	0.4	0.24	60		30 (20)	150 (139)
		Fluoranthene-d10	0.4	0.29	72		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.24	60		30 (27)	130 (154)
		2-Fluorobiphenyl	0.4	0.26	65		30 (30)	130 (155)
		Terphenyl-d14	0.4	0.39	97		30 (54)	130 (175)
Q2200-03	EB01-060325	2-Methylnaphthalene-d10	0.4	0.29	73		30 (20)	150 (139)
		Fluoranthene-d10	0.4	0.36	91		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.32	79		30 (27)	130 (154)
		2-Fluorobiphenyl	0.4	0.31	77		30 (30)	130 (155)
		Terphenyl-d14	0.4	0.43	108		30 (54)	130 (175)
Q2200-04	MW-01-6.5-060325	2-Methylnaphthalene-d10	0.4	0.32	80		30 (20)	150 (139)
		Fluoranthene-d10	0.4	0.35	88		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.33	82		30 (27)	130 (154)
		2-Fluorobiphenyl	0.4	0.34	85		30 (30)	130 (155)
		Terphenyl-d14	0.4	0.43	108		30 (54)	130 (175)
Q2200-05	MW-11B-37.5-060325	2-Methylnaphthalene-d10	0.4	0.30	75		30 (20)	150 (139)
		Fluoranthene-d10	0.4	0.36	90		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.33	81		30 (27)	130 (154)
		2-Fluorobiphenyl	0.4	0.32	80		30 (30)	130 (155)
		Terphenyl-d14	0.4	0.44	109		30 (54)	130 (175)
Q2200-05DL	MW-11B-37.5-060325DL	2-Methylnaphthalene-d10	0.4	0.31	77		30 (20)	150 (139)

() = LABORATORY INHOUSE LIMIT

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Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
							Low	High
Q2200-05DL	MW-11B-37.5-060325DL	Fluoranthene-d10	0.4	0.37	93		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.36	90		30 (27)	130 (154)
		2-Fluorobiphenyl	0.4	0.33	83		30 (30)	130 (155)
		Terphenyl-d14	0.4	0.45	113		30 (54)	130 (175)