

Surrogate Summary

SW-846

SDG No.: Q3127

Client: AECOM Technical Services, Inc.

Analytical Method: 8270-Modified

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
							Low	High
PB169743BL	PB169743BL	2-Methylnaphthalene-d10	0.4	0.31	78		30	150
		Fluoranthene-d10	0.4	0.33	83		30	150
		Nitrobenzene-d5	0.4	0.37	92		55	111
		2-Fluorobiphenyl	0.4	0.36	90		53	106
		Terphenyl-d14	0.4	0.32	80		58	132
PB169743BS	PB169743BS	2-Methylnaphthalene-d10	0.4	0.34	84		30	150
		Fluoranthene-d10	0.4	0.33	82		30	150
		Nitrobenzene-d5	0.4	0.37	93		55	111
		2-Fluorobiphenyl	0.4	0.38	95		53	106
		Terphenyl-d14	0.4	0.31	77		58	132
Q3127-01	DUP08-20250915	2-Methylnaphthalene-d10	0.4	0.28	71		30	150
		Fluoranthene-d10	0.4	0.36	89		30	150
		Nitrobenzene-d5	0.4	0.32	80		55	111
		2-Fluorobiphenyl	0.4	0.33	81		53	106
		Terphenyl-d14	0.4	0.38	96		58	132
Q3127-02	RE131D1-20250915	2-Methylnaphthalene-d10	0.4	0.29	72		30	150
		Fluoranthene-d10	0.4	0.35	88		30	150
		Nitrobenzene-d5	0.4	0.39	97		55	111
		2-Fluorobiphenyl	0.4	0.32	80		53	106
		Terphenyl-d14	0.4	0.38	94		58	132
Q3127-02DL	RE131D1-20250915DL	2-Methylnaphthalene-d10	0.4	0.29	72		30	150
		Fluoranthene-d10	0.4	0.37	94		30	150
		Nitrobenzene-d5	0.4	0.36	89		55	111
		2-Fluorobiphenyl	0.4	0.35	86		53	106
		Terphenyl-d14	0.4	0.38	96		58	132
Q3127-03	RE131D2-20250915	2-Methylnaphthalene-d10	0.4	0.28	69		30	150
		Fluoranthene-d10	0.4	0.37	92		30	150
		Nitrobenzene-d5	0.4	0.32	80		55	111
		2-Fluorobiphenyl	0.4	0.31	79		53	106
		Terphenyl-d14	0.4	0.35	88		58	132
Q3127-03DL	RE131D2-20250915DL	2-Methylnaphthalene-d10	0.4	0.29	72		30	150
		Fluoranthene-d10	0.4	0.37	92		30	150
		Nitrobenzene-d5	0.4	0.35	88		55	111
		2-Fluorobiphenyl	0.4	0.34	84		53	106
		Terphenyl-d14	0.4	0.38	95		58	132
Q3127-04	DUP07-20250915	2-Methylnaphthalene-d10	0.4	0.28	71		30	150
		Fluoranthene-d10	0.4	0.34	85		30	150
		Nitrobenzene-d5	0.4	0.33	83		55	111
		2-Fluorobiphenyl	0.4	0.33	82		53	106
		Terphenyl-d14	0.4	0.39	96		58	132
Q3127-04DL	DUP07-20250915DL	2-Methylnaphthalene-d10	0.4	0.30	75		30	150
		Fluoranthene-d10	0.4	0.35	88		30	150
		Nitrobenzene-d5	0.4	0.38	94		55	111
		2-Fluorobiphenyl	0.4	0.36	90		53	106
		Terphenyl-d14	0.4	0.40	101		58	132
Q3127-05	TT158I1-20250915	2-Methylnaphthalene-d10	0.4	0.28	70		30	150
		Fluoranthene-d10	0.4	0.36	91		30	150
		Nitrobenzene-d5	0.4	0.34	84		55	111
		2-Fluorobiphenyl	0.4	0.33	83		53	106
		Terphenyl-d14	0.4	0.40	100		58	132
Q3127-06	TT180D2-20250915	2-Methylnaphthalene-d10	0.4	0.27	67		30	150

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							Low	High
Q3127-06	TT180D2-20250915	Fluoranthene-d10	0.4	0.37	92		30	150
		Nitrobenzene-d5	0.4	0.33	83		55	111
		2-Fluorobiphenyl	0.4	0.31	78		53	106
		Terphenyl-d14	0.4	0.38	95		58	132
Q3127-07	RE135D2-20250915	2-Methylnaphthalene-d10	0.4	0.27	68		30	150
		Fluoranthene-d10	0.4	0.37	94		30	150
		Nitrobenzene-d5	0.4	0.33	83		55	111
		2-Fluorobiphenyl	0.4	0.32	79		53	106
Q3127-08	RE132D6-20250916	Terphenyl-d14	0.4	0.40	100		58	132
		2-Methylnaphthalene-d10	0.4	0.24	61		30	150
		Fluoranthene-d10	0.4	0.38	94		30	150
		Nitrobenzene-d5	0.4	0.31	77		55	111
Q3127-08DL	RE132D6-20250916DL	2-Fluorobiphenyl	0.4	0.27	68		53	106
		Terphenyl-d14	0.4	0.39	97		58	132
		2-Methylnaphthalene-d10	0.4	0.25	62		30	150
		Fluoranthene-d10	0.4	0.39	97		30	150
Q3127-09	TT101D2-20250915	Nitrobenzene-d5	0.4	0.33	83		55	111
		2-Fluorobiphenyl	0.4	0.29	72		53	106
		Terphenyl-d14	0.4	0.40	100		58	132
		2-Methylnaphthalene-d10	0.4	0.29	72		30	150
Q3127-10	TT101D-20250915	Fluoranthene-d10	0.4	0.37	93		30	150
		Nitrobenzene-d5	0.4	0.36	89		55	111
		2-Fluorobiphenyl	0.4	0.35	86		53	106
		Terphenyl-d14	0.4	0.41	101		58	132
Q3127-11	RE135D3-20250915	2-Methylnaphthalene-d10	0.4	0.23	58		30	150
		Fluoranthene-d10	0.4	0.35	88		30	150
		Nitrobenzene-d5	0.4	0.30	74		55	111
		2-Fluorobiphenyl	0.4	0.28	71		53	106
Q3127-12	RE132D7-20250916	Terphenyl-d14	0.4	0.40	100		58	132
		2-Methylnaphthalene-d10	0.4	0.27	67		30	150
		Fluoranthene-d10	0.4	0.36	90		30	150
		Nitrobenzene-d5	0.4	0.32	81		55	111
Q3127-13	TT119S1-20250916	2-Fluorobiphenyl	0.4	0.32	80		53	106
		Terphenyl-d14	0.4	0.41	103		58	132
		2-Methylnaphthalene-d10	0.4	0.25	62		30	150
		Fluoranthene-d10	0.4	0.37	93		30	150
Q3127-14MS	TT119S1-20250916MS	Nitrobenzene-d5	0.4	0.31	76		55	111
		2-Fluorobiphenyl	0.4	0.30	74		53	106
		Terphenyl-d14	0.4	0.41	102		58	132
		2-Methylnaphthalene-d10	0.4	0.30	75		30	150
Q3127-15MSD	TT119S1-20250916MSD	Fluoranthene-d10	0.4	0.38	95		30	150
		Nitrobenzene-d5	0.4	0.33	82		55	111
		2-Fluorobiphenyl	0.4	0.31	78		53	106
		Terphenyl-d14	0.4	0.42	104		58	132
Q3127-14MS	TT119S1-20250916MS	2-Methylnaphthalene-d10	0.4	0.31	78		30	150
		Fluoranthene-d10	0.4	0.38	96		30	150
		Nitrobenzene-d5	0.4	0.35	88		55	111
		2-Fluorobiphenyl	0.4	0.35	88		53	106
Q3127-15MSD	TT119S1-20250916MSD	Terphenyl-d14	0.4	0.40	101		58	132
		2-Methylnaphthalene-d10	0.4	0.31	77		30	150
		Fluoranthene-d10	0.4	0.37	93		30	150

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							Low	High
Q3127-15MSD	TT119S1-20250916MSD	Nitrobenzene-d5	0.4	0.35	86		55	111
		2-Fluorobiphenyl	0.4	0.35	88		53	106
		Terphenyl-d14	0.4	0.42	104		58	132
Q3127-16	TT101D2-20250915	2-Methylnaphthalene-d10	0.4	0.29	72		30	150
		Fluoranthene-d10	0.4	0.40	101		30	150
		Nitrobenzene-d5	0.4	0.36	90		55	111
Q3127-16DL	TT101D2-20250915DL	2-Fluorobiphenyl	0.4	0.33	83		53	106
		Terphenyl-d14	0.4	0.38	95		58	132
		2-Methylnaphthalene-d10	0.4	0.30	75		30	150
Q3127-18	BPOW1-8-20250917	Fluoranthene-d10	0.4	0.39	97		30	150
		Nitrobenzene-d5	0.4	0.38	95		55	111
		2-Fluorobiphenyl	0.4	0.35	88		53	106
Q3127-19	BPOW1-7-20250917	Terphenyl-d14	0.4	0.41	101		58	132
		2-Methylnaphthalene-d10	0.4	0.26	66		30	150
		Fluoranthene-d10	0.4	0.36	90		30	150
Q3127-19	BPOW1-7-20250917	Nitrobenzene-d5	0.4	0.34	85		55	111
		2-Fluorobiphenyl	0.4	0.31	76		53	106
		Terphenyl-d14	0.4	0.38	94		58	132
Q3127-19	BPOW1-7-20250917	2-Methylnaphthalene-d10	0.4	0.32	80		30	150
		Fluoranthene-d10	0.4	0.41	102		30	150
		Nitrobenzene-d5	0.4	0.40	100		55	111
Q3127-19	BPOW1-7-20250917	2-Fluorobiphenyl	0.4	0.37	92		53	106
		Terphenyl-d14	0.4	0.41	103		58	132