

Surrogate Summary

SW-846

SDG No.: Q1531

Client: AECOM Technical Services, Inc.

Analytical Method: 8270-Modified

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
							Low	High
PB167057BL	PB167057BL	2-Methylnaphthalene-d10	0.4	0.37	92		30	150
		Fluoranthene-d10	0.4	0.44	110		30	150
		Nitrobenzene-d5	0.4	0.36	89		55	111
		2-Fluorobiphenyl	0.4	0.23	58		53	106
		Terphenyl-d14	0.4	0.43	108		58	132
PB167057BS	PB167057BS	2-Methylnaphthalene-d10	0.4	0.53	132		30	150
		Fluoranthene-d10	0.4	0.39	97		30	150
		Nitrobenzene-d5	0.4	0.38	96		55	111
		2-Fluorobiphenyl	0.4	0.45	113	*	53	106
		Terphenyl-d14	0.4	0.47	118		58	132
Q1531-01	RE122D2-20250305	2-Methylnaphthalene-d10	0.4	0.33	83		30	150
		Fluoranthene-d10	0.4	0.42	105		30	150
		Nitrobenzene-d5	0.4	0.33	81		55	111
		2-Fluorobiphenyl	0.4	0.37	93		53	106
		Terphenyl-d14	0.4	0.53	131		58	132
Q1531-02	RE122D3-20250305	2-Methylnaphthalene-d10	0.4	0.32	81		30	150
		Fluoranthene-d10	0.4	0.43	108		30	150
		Nitrobenzene-d5	0.4	0.29	74		55	111
		2-Fluorobiphenyl	0.4	0.35	88		53	106
		Terphenyl-d14	0.4	0.52	129		58	132
Q1531-03	RE122D1-20250305	2-Methylnaphthalene-d10	0.4	0.31	78		30	150
		Fluoranthene-d10	0.4	0.43	108		30	150
		Nitrobenzene-d5	0.4	0.32	81		55	111
		2-Fluorobiphenyl	0.4	0.32	80		53	106
		Terphenyl-d14	0.4	0.46	116		58	132
Q1531-04	RE126D1-20250306	2-Methylnaphthalene-d10	0.4	0.32	81		30	150
		Fluoranthene-d10	0.4	0.44	111		30	150
		Nitrobenzene-d5	0.4	0.31	76		55	111
		2-Fluorobiphenyl	0.4	0.32	81		53	106
		Terphenyl-d14	0.4	0.47	118		58	132
Q1531-05	RE126D2-20250306	2-Methylnaphthalene-d10	0.4	0.34	84		30	150
		Fluoranthene-d10	0.4	0.45	112		30	150
		Nitrobenzene-d5	0.4	0.30	75		55	111
		2-Fluorobiphenyl	0.4	0.35	88		53	106
		Terphenyl-d14	0.4	0.54	135	*	58	132
Q1531-06	DUP01-20250306	2-Methylnaphthalene-d10	0.4	0.31	78		30	150
		Fluoranthene-d10	0.4	0.45	112		30	150
		Nitrobenzene-d5	0.4	0.33	82		55	111
		2-Fluorobiphenyl	0.4	0.31	77		53	106
		Terphenyl-d14	0.4	0.60	149	*	58	132
Q1531-07	RE103D1-20250306	2-Methylnaphthalene-d10	0.4	0.31	78		30	150
		Fluoranthene-d10	0.4	0.44	111		30	150
		Nitrobenzene-d5	0.4	0.30	75		55	111
		2-Fluorobiphenyl	0.4	0.39	97		53	106
		Terphenyl-d14	0.4	1.03	257	*	58	132
Q1531-07DL	RE103D1-20250306DL	2-Methylnaphthalene-d10	0.4	0.28	70		30	150
		Fluoranthene-d10	0.4	0.42	105		30	150
		Nitrobenzene-d5	0.4	0.29	72		55	111
		2-Fluorobiphenyl	0.4	0.32	81		53	106
		Terphenyl-d14	0.4	0.91	228	*	58	132
Q1531-08MS	RE103D1-20250306MS	2-Methylnaphthalene-d10	0.4	0.39	97		30	150

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Q1531-08MS	RE103D1-20250306MS	Fluoranthene-d10	0.4	0.44	109		30	150
		Nitrobenzene-d5	0.4	0.29	72		55	111
		2-Fluorobiphenyl	0.4	0.33	81		53	106
		Terphenyl-d14	0.4	0.48	121		58	132
Q1531-09MSD	RE103D1-20250306MSD	2-Methylnaphthalene-d10	0.4	0.39	97		30	150
		Fluoranthene-d10	0.4	0.43	108		30	150
		Nitrobenzene-d5	0.4	0.29	73		55	111
		2-Fluorobiphenyl	0.4	0.33	83		53	106
Q1531-10	RE103D3-20250306	Terphenyl-d14	0.4	0.49	122		58	132
		2-Methylnaphthalene-d10	0.4	0.29	73		30	150
		Fluoranthene-d10	0.4	0.41	101		30	150
		Nitrobenzene-d5	0.4	0.31	76		55	111
Q1531-11	RE103D2-20250306	2-Fluorobiphenyl	0.4	0.31	78		53	106
		Terphenyl-d14	0.4	0.51	128		58	132
		2-Methylnaphthalene-d10	0.4	0.32	79		30	150
		Fluoranthene-d10	0.4	0.42	104		30	150
Q1531-12	RE108D2-20250306	Nitrobenzene-d5	0.4	0.31	76		55	111
		2-Fluorobiphenyl	0.4	0.38	95		53	106
		Terphenyl-d14	0.4	0.82	206	*	58	132
		2-Methylnaphthalene-d10	0.4	0.32	80		30	150
Q1531-13	RE108D1-20250306	Fluoranthene-d10	0.4	0.45	113		30	150
		Nitrobenzene-d5	0.4	0.30	76		55	111
		2-Fluorobiphenyl	0.4	0.36	90		53	106
		Terphenyl-d14	0.4	0.64	160	*	58	132
Q1531-14	RE105D1-20250306	2-Methylnaphthalene-d10	0.4	0.31	78		30	150
		Fluoranthene-d10	0.4	0.45	112		30	150
		Nitrobenzene-d5	0.4	0.30	75		55	111
		2-Fluorobiphenyl	0.4	0.33	81		53	106
Q1531-15	RE105D2-20250306	Terphenyl-d14	0.4	0.49	123		58	132
		2-Methylnaphthalene-d10	0.4	0.32	79		30	150
		Fluoranthene-d10	0.4	0.44	111		30	150
		Nitrobenzene-d5	0.4	0.28	71		55	111
Q1531-15DL	RE105D2-20250306DL	2-Fluorobiphenyl	0.4	0.34	84		53	106
		Terphenyl-d14	0.4	0.62	155	*	58	132
		2-Methylnaphthalene-d10	0.4	0.34	84		30	150
		Fluoranthene-d10	0.4	0.46	114		30	150
Q1531-16	RE125D1-20250307	Nitrobenzene-d5	0.4	0.28	69		55	111
		2-Fluorobiphenyl	0.4	0.36	90		53	106
		Terphenyl-d14	0.4	0.79	197	*	58	132
		2-Methylnaphthalene-d10	0.4	0.37	91		30	150
Q1531-16DL	RE125D1-20250307DL	Fluoranthene-d10	0.4	0.48	120		30	150
		Nitrobenzene-d5	0.4	0.28	69		55	111
		2-Fluorobiphenyl	0.4	0.37	93		53	106
		Terphenyl-d14	0.4	0.82	206	*	58	132
Q1531-16DL	RE125D1-20250307DL	2-Methylnaphthalene-d10	0.4	0.31	77		30	150
		Fluoranthene-d10	0.4	0.44	110		30	150
		Nitrobenzene-d5	0.4	0.28	71		55	111
		2-Fluorobiphenyl	0.4	0.36	90		53	106
Q1531-16DL	RE125D1-20250307DL	Terphenyl-d14	0.4	0.45	113		58	132
		2-Methylnaphthalene-d10	0.4	0.32	80		30	150
Q1531-16DL	RE125D1-20250307DL	Fluoranthene-d10	0.4	0.47	118		30	150

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Q1531-16DL	RE125D1-20250307DL	Nitrobenzene-d5	0.4	0.28	71		55	111
		2-Fluorobiphenyl	0.4	0.35	87		53	106
		Terphenyl-d14	0.4	0.49	123		58	132
Q1531-17	RE125D2-20250307	2-Methylnaphthalene-d10	0.4	0.33	83		30	150
		Fluoranthene-d10	0.4	0.47	117		30	150
		Nitrobenzene-d5	0.4	0.30	75		55	111
Q1531-17DL	RE125D2-20250307DL	2-Fluorobiphenyl	0.4	0.32	81		53	106
		Terphenyl-d14	0.4	0.52	131		58	132
		2-Methylnaphthalene-d10	0.4	0.31	76		30	150
Q1531-18	FB01	Fluoranthene-d10	0.4	0.46	115		30	150
		Nitrobenzene-d5	0.4	0.32	79		55	111
		2-Fluorobiphenyl	0.4	0.26	64		53	106
Q1531-19	RE104D2-20250307	Terphenyl-d14	0.4	0.49	123		58	132
		2-Methylnaphthalene-d10	0.4	0.33	82		30	150
		Fluoranthene-d10	0.4	0.49	123		30	150
Q1531-20	RE104D3-20250307	Nitrobenzene-d5	0.4	0.33	82		55	111
		2-Fluorobiphenyl	0.4	0.32	81		53	106
		Terphenyl-d14	0.4	0.52	131		58	132
Q1531-19	RE104D2-20250307	2-Methylnaphthalene-d10	0.4	0.30	74		30	150
		Fluoranthene-d10	0.4	0.46	116		30	150
		Nitrobenzene-d5	0.4	0.30	76		55	111
Q1531-20	RE104D3-20250307	2-Fluorobiphenyl	0.4	0.32	81		53	106
		Terphenyl-d14	0.4	0.54	136	*	58	132
		2-Methylnaphthalene-d10	0.4	0.33	82		30	150
Q1531-20	RE104D3-20250307	Fluoranthene-d10	0.4	0.47	116		30	150
		Nitrobenzene-d5	0.4	0.35	88		55	111
		2-Fluorobiphenyl	0.4	0.36	89		53	106
Q1531-20	RE104D3-20250307	Terphenyl-d14	0.4	0.50	125		58	132