

Surrogate Summary

SW-846

SDG No.: Q1559

Client: AECOM Technical Services, Inc.

Analytical Method: 8270-Modified

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
							Low	High
PB167128BL	PB167128BL	2-Methylnaphthalene-d10	0.4	0.30	74		30	150
		Fluoranthene-d10	0.4	0.36	89		30	150
		Nitrobenzene-d5	0.4	0.30	74		55	111
		2-Fluorobiphenyl	0.4	0.25	62		53	106
		Terphenyl-d14	0.4	0.37	92		58	132
PB167128BS	PB167128BS	2-Methylnaphthalene-d10	0.4	0.36	90		30	150
		Fluoranthene-d10	0.4	0.32	81		30	150
		Nitrobenzene-d5	0.4	0.34	84		55	111
		2-Fluorobiphenyl	0.4	0.39	98		53	106
		Terphenyl-d14	0.4	0.42	106		58	132
Q1557-04MS	BPOW6-9-20250312MS	2-Methylnaphthalene-d10	0.4	0.37	93		30	150
		Fluoranthene-d10	0.4	0.43	107		30	150
		Nitrobenzene-d5	0.4	0.34	84		55	111
		2-Fluorobiphenyl	0.4	0.37	92		53	106
		Terphenyl-d14	0.4	0.65	163	*	58	132
Q1557-05MSD	BPOW6-9-20250312MSD	2-Methylnaphthalene-d10	0.4	0.39	96		30	150
		Fluoranthene-d10	0.4	0.44	111		30	150
		Nitrobenzene-d5	0.4	0.36	89		55	111
		2-Fluorobiphenyl	0.4	0.41	102		53	106
		Terphenyl-d14	0.4	0.69	172	*	58	132
Q1559-22	RE120D2-20250312	2-Methylnaphthalene-d10	0.4	0.33	83		30	150
		Fluoranthene-d10	0.4	0.45	113		30	150
		Nitrobenzene-d5	0.4	0.31	77		55	111
		2-Fluorobiphenyl	0.4	0.36	90		53	106
		Terphenyl-d14	0.4	0.51	127		58	132

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Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
							Low	High
PB167131BL	PB167131BL	2-Methylnaphthalene-d10	0.4	0.36	89		30	150
		Fluoranthene-d10	0.4	0.43	108		30	150
		Nitrobenzene-d5	0.4	0.35	88		55	111
		2-Fluorobiphenyl	0.4	0.28	71		53	106
		Terphenyl-d14	0.4	0.43	106		58	132
PB167131BS	PB167131BS	2-Methylnaphthalene-d10	0.4	0.39	98		30	150
		Fluoranthene-d10	0.4	0.33	83		30	150
		Nitrobenzene-d5	0.4	0.33	83		55	111
		2-Fluorobiphenyl	0.4	0.39	97		53	106
		Terphenyl-d14	0.4	0.39	98		58	132
PB167131BSD	PB167131BSD	2-Methylnaphthalene-d10	0.4	0.39	97		30	150
		Fluoranthene-d10	0.4	0.34	84		30	150
		Nitrobenzene-d5	0.4	0.36	89		55	111
		2-Fluorobiphenyl	0.4	0.41	103		53	106
		Terphenyl-d14	0.4	0.43	106		58	132
Q1559-01	RE115D1-20250310	2-Methylnaphthalene-d10	0.4	0.38	95		30	150
		Fluoranthene-d10	0.4	0.46	115		30	150
		Nitrobenzene-d5	0.4	0.35	86		55	111
		2-Fluorobiphenyl	0.4	0.41	103		53	106
		Terphenyl-d14	0.4	0.60	151	*	58	132
Q1559-01DL	RE115D1-20250310DL	2-Methylnaphthalene-d10	0.4	0.46	116		30	150
		Fluoranthene-d10	0.4	0.55	138		30	150
		Nitrobenzene-d5	0.4	0.44	110		55	111
		2-Fluorobiphenyl	0.4	0.51	126	*	53	106
		Terphenyl-d14	0.4	0.72	180	*	58	132
Q1559-02	RE115D2-20250310	2-Methylnaphthalene-d10	0.4	0.39	98		30	150
		Fluoranthene-d10	0.4	0.48	120		30	150
		Nitrobenzene-d5	0.4	0.36	90		55	111
		2-Fluorobiphenyl	0.4	0.43	108	*	53	106
		Terphenyl-d14	0.4	0.56	140	*	58	132
Q1559-02DL	RE115D2-20250310DL	2-Methylnaphthalene-d10	0.4	0.64	159	*	30	150
		Fluoranthene-d10	0.4	0.80	200	*	30	150
		Nitrobenzene-d5	0.4	0.57	144	*	55	111
		2-Fluorobiphenyl	0.4	0.62	154	*	53	106
		Terphenyl-d14	0.4	0.84	210	*	58	132
Q1559-03	RE134D1-20250310	2-Methylnaphthalene-d10	0.4	0.41	101		30	150
		Fluoranthene-d10	0.4	0.47	118		30	150
		Nitrobenzene-d5	0.4	0.38	95		55	111
		2-Fluorobiphenyl	0.4	0.46	114	*	53	106
		Terphenyl-d14	0.4	0.50	126		58	132
Q1559-04	RE134D3-20250310	2-Methylnaphthalene-d10	0.4	0.38	95		30	150
		Fluoranthene-d10	0.4	0.46	116		30	150
		Nitrobenzene-d5	0.4	0.36	91		55	111
		2-Fluorobiphenyl	0.4	0.44	111	*	53	106
		Terphenyl-d14	0.4	0.54	134	*	58	132
Q1559-04DL	RE134D3-20250310DL	2-Methylnaphthalene-d10	0.4	0.60	150		30	150
		Fluoranthene-d10	0.4	0.74	184	*	30	150
		Nitrobenzene-d5	0.4	0.54	135	*	55	111
		2-Fluorobiphenyl	0.4	0.64	160	*	53	106
		Terphenyl-d14	0.4	0.85	211	*	58	132
Q1559-05	RE134D4-20250310	2-Methylnaphthalene-d10	0.4	0.41	101		30	150

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							Low	High
Q1559-05	RE134D4-20250310	Fluoranthene-d10	0.4	0.55	136		30	150
		Nitrobenzene-d5	0.4	0.37	93		55	111
		2-Fluorobiphenyl	0.4	0.44	109	*	53	106
		Terphenyl-d14	0.4	0.55	138	*	58	132
Q1559-06	TT149S1-20250310	2-Methylnaphthalene-d10	0.4	0.30	74		30	150
		Fluoranthene-d10	0.4	0.41	102		30	150
		Nitrobenzene-d5	0.4	0.29	74		55	111
		2-Fluorobiphenyl	0.4	0.33	81		53	106
Q1559-07	RE125D3-20250310	Terphenyl-d14	0.4	0.39	97		58	132
		2-Methylnaphthalene-d10	0.4	0.35	87		30	150
		Fluoranthene-d10	0.4	0.43	106		30	150
		Nitrobenzene-d5	0.4	0.32	81		55	111
Q1559-08	DUP02-20250310	2-Fluorobiphenyl	0.4	0.36	89		53	106
		Terphenyl-d14	0.4	0.46	115		58	132
		2-Methylnaphthalene-d10	0.4	0.32	81		30	150
		Fluoranthene-d10	0.4	0.42	105		30	150
Q1559-09	DUP03-20250310	Nitrobenzene-d5	0.4	0.32	79		55	111
		2-Fluorobiphenyl	0.4	0.39	96		53	106
		Terphenyl-d14	0.4	0.43	107		58	132
		2-Methylnaphthalene-d10	0.4	0.28	71		30	150
Q1559-09DL	DUP03-20250310DL	Fluoranthene-d10	0.4	0.43	106		30	150
		Nitrobenzene-d5	0.4	0.27	67		55	111
		2-Fluorobiphenyl	0.4	0.28	69		53	106
		Terphenyl-d14	0.4	0.45	113		58	132
Q1559-10	RW10-MW01D-20250311	2-Methylnaphthalene-d10	0.4	0.29	72		30	150
		Fluoranthene-d10	0.4	0.44	110		30	150
		Nitrobenzene-d5	0.4	0.27	67		55	111
		2-Fluorobiphenyl	0.4	0.24	60		53	106
Q1559-11	RW10-MW01S-20250311	Terphenyl-d14	0.4	0.46	116		58	132
		2-Methylnaphthalene-d10	0.4	0.32	79		30	150
		Fluoranthene-d10	0.4	0.43	108		30	150
		Nitrobenzene-d5	0.4	0.28	71		55	111
Q1559-12	TT158S1-20250311	2-Fluorobiphenyl	0.4	0.33	81		53	106
		Terphenyl-d14	0.4	0.42	104		58	132
		2-Methylnaphthalene-d10	0.4	0.35	86		30	150
		Fluoranthene-d10	0.4	0.45	112		30	150
Q1559-13	TT158I1-20250311	Nitrobenzene-d5	0.4	0.32	80		55	111
		2-Fluorobiphenyl	0.4	0.37	93		53	106
		Terphenyl-d14	0.4	0.50	126		58	132
		2-Methylnaphthalene-d10	0.4	0.31	78		30	150
Q1559-14	RW10A-MW01S-20250311	Fluoranthene-d10	0.4	0.41	102		30	150
		Nitrobenzene-d5	0.4	0.28	70		55	111
		2-Fluorobiphenyl	0.4	0.32	80		53	106
		Terphenyl-d14	0.4	0.44	111		58	132
		2-Methylnaphthalene-d10	0.4	0.31	76		30	150
		Fluoranthene-d10	0.4	0.45	113		30	150
		Nitrobenzene-d5	0.4	0.28	70		55	111
		2-Fluorobiphenyl	0.4	0.34	84		53	106
		Terphenyl-d14	0.4	0.47	116		58	132
		2-Methylnaphthalene-d10	0.4	0.35	87		30	150
		Fluoranthene-d10	0.4	0.44	110		30	150

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							Low	High
Q1559-14	RW10A-MW01S-20250311	Nitrobenzene-d5	0.4	0.33	82		55	111
		2-Fluorobiphenyl	0.4	0.35	87		53	106
		Terphenyl-d14	0.4	0.49	123		58	132
Q1559-15	RW10A-MW01I-20250311	2-Methylnaphthalene-d10	0.4	0.33	83		30	150
		Fluoranthene-d10	0.4	0.44	111		30	150
		Nitrobenzene-d5	0.4	0.31	76		55	111
Q1559-16	RW4-RE137-20250311	2-Fluorobiphenyl	0.4	0.38	95		53	106
		Terphenyl-d14	0.4	0.47	118		58	132
		2-Methylnaphthalene-d10	0.4	0.32	80		30	150
Q1559-17	RE104D1-20250312	Fluoranthene-d10	0.4	0.43	107		30	150
		Nitrobenzene-d5	0.4	0.31	76		55	111
		2-Fluorobiphenyl	0.4	0.32	81		53	106
Q1559-19	DUP05-20250312	Terphenyl-d14	0.4	0.46	116		58	132
		2-Methylnaphthalene-d10	0.4	0.32	80		30	150
		Fluoranthene-d10	0.4	0.40	100		30	150
Q1559-20	RE120D1-20250312	Nitrobenzene-d5	0.4	0.31	77		55	111
		2-Fluorobiphenyl	0.4	0.33	83		53	106
		Terphenyl-d14	0.4	0.43	107		58	132
Q1559-21	RE120D3-20250312	2-Methylnaphthalene-d10	0.4	0.35	88		30	150
		Fluoranthene-d10	0.4	0.44	111		30	150
		Nitrobenzene-d5	0.4	0.32	79		55	111
Q1559-21DL	RE120D3-20250312DL	2-Fluorobiphenyl	0.4	0.35	88		53	106
		Terphenyl-d14	0.4	0.47	117		58	132
		2-Methylnaphthalene-d10	0.4	0.34	86		30	150
Q1559-21DL	RE120D3-20250312DL	Fluoranthene-d10	0.4	0.38	94		30	150
		Nitrobenzene-d5	0.4	0.34	84		55	111
		2-Fluorobiphenyl	0.4	0.35	88		53	106
Q1559-21DL	RE120D3-20250312DL	Terphenyl-d14	0.4	0.44	109		58	132
		2-Methylnaphthalene-d10	0.4	0.33	82		30	150
		Fluoranthene-d10	0.4	0.44	109		30	150
Q1559-21DL	RE120D3-20250312DL	Nitrobenzene-d5	0.4	0.31	79		55	111
		2-Fluorobiphenyl	0.4	0.35	88		53	106
		Terphenyl-d14	0.4	0.46	114		58	132
Q1559-21DL	RE120D3-20250312DL	2-Methylnaphthalene-d10	0.4	0.41	101		30	150
		Fluoranthene-d10	0.4	0.54	134		30	150
		Nitrobenzene-d5	0.4	0.39	96		55	111
Q1559-21DL	RE120D3-20250312DL	2-Fluorobiphenyl	0.4	0.34	85		53	106
		Terphenyl-d14	0.4	0.56	139	*	58	132