

Surrogate Summary

SW-846

SDG No.: P4385

Client: Scheideler Excavating Co. Inc.

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
							Low	High
P4385-02	SP-1	2-Fluorophenol	150	90.0	60		30 (18)	130 (112)
		Phenol-d6	150	89.6	60		30 (15)	130 (107)
		Nitrobenzene-d5	100	68.7	69		30 (18)	130 (107)
		2-Fluorobiphenyl	100	73.7	74		30 (20)	130 (109)
		2,4,6-Tribromophenol	150	69.6	46		30 (10)	130 (116)
P4385-04	SP-2	Terphenyl-d14	100	52.0	52		30 (10)	130 (105)
		2-Fluorophenol	150	73.0	49		30 (18)	130 (112)
		Phenol-d6	150	71.0	47		30 (15)	130 (107)
		Nitrobenzene-d5	100	53.7	54		30 (18)	130 (107)
		2-Fluorobiphenyl	100	57.1	57		30 (20)	130 (109)
P4385-06	SP-3	2,4,6-Tribromophenol	150	47.4	32		30 (10)	130 (116)
		Terphenyl-d14	100	43.0	43		30 (10)	130 (105)
		2-Fluorophenol	150	112	75		30 (18)	130 (112)
		Phenol-d6	150	110	73		30 (15)	130 (107)
		Nitrobenzene-d5	100	83.2	83		30 (18)	130 (107)
P4385-06MS	SP-3MS	2-Fluorobiphenyl	100	85.9	86		30 (20)	130 (109)
		2,4,6-Tribromophenol	150	81.8	55		30 (10)	130 (116)
		Terphenyl-d14	100	65.9	66		30 (10)	130 (105)
		2-Fluorophenol	150	115	77		30 (18)	130 (112)
		Phenol-d6	150	113	75		30 (15)	130 (107)
P4385-06MSD	SP-3MSD	Nitrobenzene-d5	100	86.1	86		30 (18)	130 (107)
		2-Fluorobiphenyl	100	83.1	83		30 (20)	130 (109)
		2,4,6-Tribromophenol	150	122	81		30 (10)	130 (116)
		Terphenyl-d14	100	84.2	84		30 (10)	130 (105)
		2-Fluorophenol	150	117	78		30 (18)	130 (112)
P4385-08	SP-4	Phenol-d6	150	116	77		30 (15)	130 (107)
		Nitrobenzene-d5	100	87.2	87		30 (18)	130 (107)
		2-Fluorobiphenyl	100	83.0	83		30 (20)	130 (109)
		2,4,6-Tribromophenol	150	123	82		30 (10)	130 (116)
		Terphenyl-d14	100	82.8	83		30 (10)	130 (105)
P4385-10	SP-5	2-Fluorophenol	150	82.5	55		30 (18)	130 (112)
		Phenol-d6	150	82.0	55		30 (15)	130 (107)
		Nitrobenzene-d5	100	62.6	63		30 (18)	130 (107)
		2-Fluorobiphenyl	100	65.4	65		30 (20)	130 (109)
		2,4,6-Tribromophenol	150	40.2	27	*	30 (10)	130 (116)
P4385-12	SP-6	Terphenyl-d14	100	51.7	52		30 (10)	130 (105)
		2-Fluorophenol	150	84.1	56		30 (18)	130 (112)
		Phenol-d6	150	76.1	51		30 (15)	130 (107)
		Nitrobenzene-d5	100	65.3	65		30 (18)	130 (107)
		2-Fluorobiphenyl	100	70.1	70		30 (20)	130 (109)
P4385-14	SP-7	2,4,6-Tribromophenol	150	101	67		30 (10)	130 (116)
		Terphenyl-d14	100	54.7	55		30 (10)	130 (105)
		2-Fluorophenol	150	94.3	63		30 (18)	130 (112)
		Phenol-d6	150	86.4	58		30 (15)	130 (107)
		Nitrobenzene-d5	100	73.5	74		30 (18)	130 (107)
		2-Fluorobiphenyl	100	80.8	81		30 (20)	130 (109)
		2,4,6-Tribromophenol	150	105	70		30 (10)	130 (116)
		Terphenyl-d14	100	57.4	57		30 (10)	130 (105)
		2-Fluorophenol	150	85.3	57		30 (18)	130 (112)
		Phenol-d6	150	80.0	53		30 (15)	130 (107)
		Nitrobenzene-d5	100	63.5	63		30 (18)	130 (107)

() = LABORATORY INHOUSE LIMIT

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Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
							Low	High
P4385-14	SP-7	2-Fluorobiphenyl	100	70.6	71		30 (20)	130 (109)
		2,4,6-Tribromophenol	150	82.2	55		30 (10)	130 (116)
		Terphenyl-d14	100	47.9	48		30 (10)	130 (105)
P4385-16	SP-8	2-Fluorophenol	150	95.3	64		30 (18)	130 (112)
		Phenol-d6	150	86.2	57		30 (15)	130 (107)
		Nitrobenzene-d5	100	76.1	76		30 (18)	130 (107)
P4385-18	SP-9	2-Fluorobiphenyl	100	81.7	82		30 (20)	130 (109)
		2,4,6-Tribromophenol	150	102	68		30 (10)	130 (116)
		Terphenyl-d14	100	56.6	57		30 (10)	130 (105)
P4385-20	SP-10	2-Fluorophenol	150	56.0	37		30 (18)	130 (112)
		Phenol-d6	150	51.0	34		30 (15)	130 (107)
		Nitrobenzene-d5	100	45.9	46		30 (18)	130 (107)
PB164071BL	PB164071BL	2-Fluorobiphenyl	100	48.2	48		30 (20)	130 (109)
		2,4,6-Tribromophenol	150	60.7	40		30 (10)	130 (116)
		Terphenyl-d14	100	34.2	34		30 (10)	130 (105)
PB164071BS	PB164071BS	2-Fluorophenol	150	103	68		30 (18)	130 (112)
		Phenol-d6	150	96.6	64		30 (15)	130 (107)
		Nitrobenzene-d5	100	77.3	77		30 (18)	130 (107)
PB164071BL	PB164071BL	2-Fluorobiphenyl	100	82.9	83		30 (20)	130 (109)
		2,4,6-Tribromophenol	150	97.6	65		30 (10)	130 (116)
		Terphenyl-d14	100	56.8	57		30 (10)	130 (105)
PB164071BS	PB164071BS	2-Fluorophenol	150	135	90		30 (18)	130 (112)
		Phenol-d6	150	132	88		30 (15)	130 (107)
		Nitrobenzene-d5	100	98.9	99		30 (18)	130 (107)
PB164071BL	PB164071BL	2-Fluorobiphenyl	100	93.6	94		30 (20)	130 (109)
		2,4,6-Tribromophenol	150	150	100		30 (10)	130 (116)
		Terphenyl-d14	100	90.0	90		30 (10)	130 (105)
PB164071BS	PB164071BS	2-Fluorophenol	150	135	90		30 (18)	130 (112)
		Phenol-d6	150	132	88		30 (15)	130 (107)
		Nitrobenzene-d5	100	98.9	99		30 (18)	130 (107)
PB164071BL	PB164071BL	2-Fluorobiphenyl	100	93.3	93		30 (20)	130 (109)
		2,4,6-Tribromophenol	150	154	103		30 (10)	130 (116)
		Terphenyl-d14	100	113	113		30 (10)	130 (105)