

Surrogate Summary

SW-846

SDG No.: Q1982

Client: CDM Smith

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
							Low	High
PB167953BL	PB167953BL	2-Fluorophenol	150	121	81		18	112
		Phenol-d6	150	118	79		15	107
		Nitrobenzene-d5	100	82.6	83		18	107
		2-Fluorobiphenyl	100	75.0	75		20	109
		2,4,6-Tribromophenol	150	132	88		10	116
		Terphenyl-d14	100	75.6	76		10	105
PB167953BS	PB167953BS	2-Fluorophenol	150	121	81		18	112
		Phenol-d6	150	120	80		15	107
		Nitrobenzene-d5	100	83.1	83		18	107
		2-Fluorobiphenyl	100	73.4	73		20	109
		2,4,6-Tribromophenol	150	141	94		10	116
		Terphenyl-d14	100	77.8	78		10	105
Q1982-01	TP-1	2-Fluorophenol	150	87.9	59		18	112
		Phenol-d6	150	88.6	59		15	107
		Nitrobenzene-d5	100	59.0	59		18	107
		2-Fluorobiphenyl	100	53.8	54		20	109
		2,4,6-Tribromophenol	150	106	70		10	116
		Terphenyl-d14	100	45.5	45		10	105
Q1982-02	TP-2B	2-Fluorophenol	150	77.3	52		18	112
		Phenol-d6	150	81.0	54		15	107
		Nitrobenzene-d5	100	54.3	54		18	107
		2-Fluorobiphenyl	100	49.1	49		20	109
		2,4,6-Tribromophenol	150	94.8	63		10	116
		Terphenyl-d14	100	49.7	50		10	105
Q1982-03	TP-3	2-Fluorophenol	150	96.2	64		18	112
		Phenol-d6	150	97.0	65		15	107
		Nitrobenzene-d5	100	65.2	65		18	107
		2-Fluorobiphenyl	100	58.1	58		20	109
		2,4,6-Tribromophenol	150	118	79		10	116
		Terphenyl-d14	100	51.1	51		10	105
Q1982-03MS	TP-3MS	2-Fluorophenol	150	76.3	51		18	112
		Phenol-d6	150	79.0	53		15	107
		Nitrobenzene-d5	100	50.2	50		18	107
		2-Fluorobiphenyl	100	45.9	46		20	109
		2,4,6-Tribromophenol	150	92.6	62		10	116
		Terphenyl-d14	100	44.4	44		10	105
Q1982-03MSD	TP-3MSD	2-Fluorophenol	150	76.0	51		18	112
		Phenol-d6	150	77.9	52		15	107
		Nitrobenzene-d5	100	50.0	50		18	107
		2-Fluorobiphenyl	100	45.5	45		20	109
		2,4,6-Tribromophenol	150	89.1	59		10	116
		Terphenyl-d14	100	44.1	44		10	105
Q1982-04	TP-4	2-Fluorophenol	150	79.9	53		18	112
		Phenol-d6	150	79.6	53		15	107
		Nitrobenzene-d5	100	56.8	57		18	107
		2-Fluorobiphenyl	100	56.2	56		20	109
		2,4,6-Tribromophenol	150	79.6	53		10	116
		Terphenyl-d14	100	50.1	50		10	105
Q1982-05	TP-5	2-Fluorophenol	150	79.9	53		18	112
		Phenol-d6	150	80.6	54		15	107
		Nitrobenzene-d5	100	54.7	55		18	107

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							Low	High
Q1982-05	TP-5	2-Fluorobiphenyl	100	51.1	51		20	109
		2,4,6-Tribromophenol	150	81.5	54		10	116
		Terphenyl-d14	100	39.2	39		10	105
Q1982-06	TP-6	2-Fluorophenol	150	84.8	57		18	112
		Phenol-d6	150	84.2	56		15	107
		Nitrobenzene-d5	100	58.5	59		18	107
Q1982-07	TP-8	2-Fluorobiphenyl	100	51.8	52		20	109
		2,4,6-Tribromophenol	150	94.6	63		10	116
		Terphenyl-d14	100	49.5	49		10	105
		2-Fluorophenol	150	83.4	56		18	112
		Phenol-d6	150	82.3	55		15	107
		Nitrobenzene-d5	100	56.9	57		18	107
		2-Fluorobiphenyl	100	54.8	55		20	109
		2,4,6-Tribromophenol	150	91.7	61		10	116
		Terphenyl-d14	100	44.8	45		10	105

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Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
							Low	High
PB167973BL	PB167973BL	2-Fluorophenol	150	144	96		18	112
		Phenol-d6	150	137	92		15	107
		Nitrobenzene-d5	100	82.1	82		18	107
		2-Fluorobiphenyl	100	78.7	79		20	109
		2,4,6-Tribromophenol	150	144	96		10	116
		Terphenyl-d14	100	84.5	85		10	105
PB167973BS	PB167973BS	2-Fluorophenol	150	134	89		18	112
		Phenol-d6	150	133	89		15	107
		Nitrobenzene-d5	100	75.8	76		18	107
		2-Fluorobiphenyl	100	74.5	74		20	109
		2,4,6-Tribromophenol	150	134	89		10	116
		Terphenyl-d14	100	76.0	76		10	105
Q1982-08	TP-9	2-Fluorophenol	150	80.9	54		18	112
		Phenol-d6	150	79.9	53		15	107
		Nitrobenzene-d5	100	44.5	45		18	107
		2-Fluorobiphenyl	100	44.5	45		20	109
		2,4,6-Tribromophenol	150	77.1	51		10	116
		Terphenyl-d14	100	42.0	42		10	105
Q2010-02MS	TP-13MS	2-Fluorophenol	150	88.5	59		18	112
		Phenol-d6	150	85.6	57		15	107
		Nitrobenzene-d5	100	50.9	51		18	107
		2-Fluorobiphenyl	100	50.9	51		20	109
		2,4,6-Tribromophenol	150	87.7	58		10	116
		Terphenyl-d14	100	48.7	49		10	105
Q2010-02MSD	TP-13MSD	2-Fluorophenol	150	90.4	60		18	112
		Phenol-d6	150	88.1	59		15	107
		Nitrobenzene-d5	100	52.4	52		18	107
		2-Fluorobiphenyl	100	50.9	51		20	109
		2,4,6-Tribromophenol	150	86.5	58		10	116
		Terphenyl-d14	100	49.8	50		10	105