

Surrogate Summary

SW-846

SDG No.: Q2032

Client: CDM Smith

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
							Low	High
PB168041BL	PB168041BL	2-Fluorophenol	150	137	92		18	112
		Phenol-d6	150	126	84		15	107
		Nitrobenzene-d5	100	78.6	79		18	107
		2-Fluorobiphenyl	100	81.1	81		20	109
		2,4,6-Tribromophenol	150	131	87		10	116
		Terphenyl-d14	100	83.8	84		10	105
PB168041BS	PB168041BS	2-Fluorophenol	150	130	86		18	112
		Phenol-d6	150	121	81		15	107
		Nitrobenzene-d5	100	74.1	74		18	107
		2-Fluorobiphenyl	100	82.8	83		20	109
		2,4,6-Tribromophenol	150	121	81		10	116
		Terphenyl-d14	100	82.5	82		10	105
Q2032-01	TP-11	2-Fluorophenol	150	73.1	49		18	112
		Phenol-d6	150	74.1	49		15	107
		Nitrobenzene-d5	100	50.9	51		18	107
		2-Fluorobiphenyl	100	47.7	48		20	109
		2,4,6-Tribromophenol	150	90.1	60		10	116
		Terphenyl-d14	100	50.0	50		10	105
Q2032-02	TP-29	2-Fluorophenol	150	72.0	48		18	112
		Phenol-d6	150	72.9	49		15	107
		Nitrobenzene-d5	100	47.6	48		18	107
		2-Fluorobiphenyl	100	41.5	42		20	109
		2,4,6-Tribromophenol	150	82.5	55		10	116
		Terphenyl-d14	100	43.7	44		10	105
Q2032-03	TP-29-99	2-Fluorophenol	150	78.5	52		18	112
		Phenol-d6	150	77.9	52		15	107
		Nitrobenzene-d5	100	49.8	50		18	107
		2-Fluorobiphenyl	100	49.1	49		20	109
		2,4,6-Tribromophenol	150	88.2	59		10	116
		Terphenyl-d14	100	45.3	45		10	105
Q2032-04	TP-24	2-Fluorophenol	150	114	76		18	112
		Phenol-d6	150	107	71		15	107
		Nitrobenzene-d5	100	65.4	65		18	107
		2-Fluorobiphenyl	100	67.0	67		20	109
		2,4,6-Tribromophenol	150	113	75		10	116
		Terphenyl-d14	100	60.4	60		10	105
Q2032-05MS	TP-24MS	2-Fluorophenol	150	115	77		18	112
		Phenol-d6	150	113	76		15	107
		Nitrobenzene-d5	100	64.0	64		18	107
		2-Fluorobiphenyl	100	63.8	64		20	109
		2,4,6-Tribromophenol	150	118	79		10	116
		Terphenyl-d14	100	65.3	65		10	105
Q2032-06MSD	TP-24MSD	2-Fluorophenol	150	105	70		18	112
		Phenol-d6	150	101	67		15	107
		Nitrobenzene-d5	100	60.4	60		18	107
		2-Fluorobiphenyl	100	62.3	62		20	109
		2,4,6-Tribromophenol	150	92.9	62		10	116
		Terphenyl-d14	100	59.3	59		10	105
Q2032-07	TP-37	2-Fluorophenol	150	80.3	54		18	112
		Phenol-d6	150	78.1	52		15	107
		Nitrobenzene-d5	100	61.7	62		18	107

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							Low	High
Q2032-07	TP-37	2-Fluorobiphenyl	100	51.5	51		20	109
		2,4,6-Tribromophenol	150	96.3	64		10	116
		Terphenyl-d14	100	43.5	44		10	105
Q2032-08	TP-32	2-Fluorophenol	150	81.0	54		18	112
		Phenol-d6	150	74.4	50		15	107
		Nitrobenzene-d5	100	53.2	53		18	107
		2-Fluorobiphenyl	100	47.8	48		20	109
		2,4,6-Tribromophenol	150	89.8	60		10	116
		Terphenyl-d14	100	47.0	47		10	105

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Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
							Low	High
PB168048BL	PB168048BL	2-Fluorophenol	150	133	88		10	139
		Phenol-d6	150	122	81		10	134
		Nitrobenzene-d5	100	76.1	76		49	133
		2-Fluorobiphenyl	100	76.8	77		52	132
		2,4,6-Tribromophenol	150	145	97		44	137
		Terphenyl-d14	100	90.1	90		48	125
PB168048BS	PB168048BS	2-Fluorophenol	150	122	82		10	139
		Phenol-d6	150	117	78		10	134
		Nitrobenzene-d5	100	69.5	69		49	133
		2-Fluorobiphenyl	100	74.5	74		52	132
		2,4,6-Tribromophenol	150	139	93		44	137
		Terphenyl-d14	100	76.9	77		48	125
PB168048BSD	PB168048BSD	2-Fluorophenol	150	128	85		10	139
		Phenol-d6	150	120	80		10	134
		Nitrobenzene-d5	100	75.8	76		49	133
		2-Fluorobiphenyl	100	78.1	78		52	132
		2,4,6-Tribromophenol	150	146	97		44	137
		Terphenyl-d14	100	79.4	79		48	125
Q2032-11	FB-05132025	2-Fluorophenol	150	56.8	38		10	139
		Phenol-d6	150	31.4	21		10	134
		Nitrobenzene-d5	100	77.8	78		49	133
		2-Fluorobiphenyl	100	78.6	79		52	132
		2,4,6-Tribromophenol	150	152	101		44	137
		Terphenyl-d14	100	86.0	86		48	125