

Surrogate Summary

SW-846

SDG No.: Q2814

Client: First Environment, Inc.

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
							Low	High
PB169223BL	PB169223BL	2-Fluorophenol	150	122	81		19	119
		Phenol-d6	150	120	80		10	130
		Nitrobenzene-d5	100	93.4	93		44	120
		2-Fluorobiphenyl	100	84.7	85		44	119
		2,4,6-Tribromophenol	150	159	106		43	140
		Terphenyl-d14	100	90.2	90		50	134
PB169223BS	PB169223BS	2-Fluorophenol	150	112	75		19	119
		Phenol-d6	150	114	76		10	130
		Nitrobenzene-d5	100	84.1	84		44	120
		2-Fluorobiphenyl	100	82.9	83		44	119
		2,4,6-Tribromophenol	150	128	85		43	140
		Terphenyl-d14	100	91.9	92		50	134
PB169223BSD	PB169223BSD	2-Fluorophenol	150	127	85		19	119
		Phenol-d6	150	127	85		10	130
		Nitrobenzene-d5	100	91.3	91		44	120
		2-Fluorobiphenyl	100	87.9	88		44	119
		2,4,6-Tribromophenol	150	133	89		43	140
		Terphenyl-d14	100	96.1	96		50	134
Q2814-01	TW-84SB-E	2-Fluorophenol	150	85.9	57		19	119
		Phenol-d6	150	63.4	42		10	130
		Nitrobenzene-d5	100	118	118		44	120
		2-Fluorobiphenyl	100	103	103		44	119
		2,4,6-Tribromophenol	150	203	135		43	140
		Terphenyl-d14	100	112	112		50	134
Q2814-02	TW-17M-N	2-Fluorophenol	150	61.0	41		19	119
		Phenol-d6	150	42.6	28		10	130
		Nitrobenzene-d5	100	105	105		44	120
		2-Fluorobiphenyl	100	92.4	92		44	119
		2,4,6-Tribromophenol	150	147	98		43	140
		Terphenyl-d14	100	98.9	99		50	134
Q2814-03	TW-17M-W	2-Fluorophenol	150	89.0	59		19	119
		Phenol-d6	150	68.5	46		10	130
		Nitrobenzene-d5	100	115	115		44	120
		2-Fluorobiphenyl	100	100	100		44	119
		2,4,6-Tribromophenol	150	194	129		43	140
		Terphenyl-d14	100	110	110		50	134
Q2814-04	TW-82H-N	2-Fluorophenol	150	76.7	51		19	119
		Phenol-d6	150	60.5	40		10	130
		Nitrobenzene-d5	100	89.1	89		44	120
		2-Fluorobiphenyl	100	80.2	80		44	119
		2,4,6-Tribromophenol	150	155	104		43	140
		Terphenyl-d14	100	85.2	85		50	134
Q2814-05	TW-82H-E	2-Fluorophenol	150	47.1	31		19	119
		Phenol-d6	150	41.8	28		10	130
		Nitrobenzene-d5	100	43.7	44		44	120
		2-Fluorobiphenyl	100	40.0	40	*	44	119
		2,4,6-Tribromophenol	150	68.3	46		43	140
		Terphenyl-d14	100	43.7	44	*	50	134
Q2814-05RE	TW-82H-ERE	2-Fluorophenol	150	44.2	29		19	119
		Phenol-d6	150	38.7	26		10	130
		Nitrobenzene-d5	100	34.6	35	*	44	120

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Q2814-05RE	TW-82H-ERE	2-Fluorobiphenyl	100	31.4	31	*	44	119
		2,4,6-Tribromophenol	150	53.9	36	*	43	140
		Terphenyl-d14	100	32.8	33	*	50	134
Q2814-06	TW-82H-S	2-Fluorophenol	150	62.0	41		19	119
		Phenol-d6	150	53.1	35		10	130
		Nitrobenzene-d5	100	59.1	59		44	120
Q2814-07	TW-82H-W	2-Fluorobiphenyl	100	50.4	50		44	119
		2,4,6-Tribromophenol	150	88.9	59		43	140
		Terphenyl-d14	100	47.7	48	*	50	134
Q2814-08	TW-38M-E	2-Fluorophenol	150	86.2	57		19	119
		Phenol-d6	150	73.4	49		10	130
		Nitrobenzene-d5	100	97.1	97		44	120
Q2814-09	TW-38M-W	2-Fluorobiphenyl	100	94.6	95		44	119
		2,4,6-Tribromophenol	150	139	93		43	140
		Terphenyl-d14	100	75.7	76		50	134
Q2814-10	TW-38M-N	2-Fluorophenol	150	77.8	52		19	119
		Phenol-d6	150	57.1	38		10	130
		Nitrobenzene-d5	100	105	105		44	120
Q2814-11	TW-38M-S	2-Fluorobiphenyl	100	93.8	94		44	119
		2,4,6-Tribromophenol	150	176	117		43	140
		Terphenyl-d14	100	102	102		50	134
Q2814-12	TW-BP-S	2-Fluorophenol	150	61.3	41		19	119
		Phenol-d6	150	47.0	31		10	130
		Nitrobenzene-d5	100	79.3	79		44	120
Q2814-13	TW-BP-N	2-Fluorobiphenyl	100	74.1	74		44	119
		2,4,6-Tribromophenol	150	132	88		43	140
		Terphenyl-d14	100	82.1	82		50	134
Q2814-14	TW-BP-S	2-Fluorophenol	150	77.7	52		19	119
		Phenol-d6	150	65.3	44		10	130
		Nitrobenzene-d5	100	89.7	90		44	120
Q2814-15	TW-BP-S	2-Fluorobiphenyl	100	79.7	80		44	119
		2,4,6-Tribromophenol	150	149	99		43	140
		Terphenyl-d14	100	88.9	89		50	134
Q2814-16	TW-BP-S	2-Fluorophenol	150	86.2	57		19	119
		Phenol-d6	150	65.7	44		10	130
		Nitrobenzene-d5	100	112	112		44	120
Q2814-17	TW-BP-S	2-Fluorobiphenyl	100	97.7	98		44	119
		2,4,6-Tribromophenol	150	189	126		43	140
		Terphenyl-d14	100	110	110		50	134
Q2814-18	TW-BP-S	2-Fluorophenol	150	91.3	61		19	119
		Phenol-d6	150	76.4	51		10	130
		Nitrobenzene-d5	100	106	106		44	120
Q2814-19	TW-BP-S	2-Fluorobiphenyl	100	95.0	95		44	119
		2,4,6-Tribromophenol	150	180	120		43	140
		Terphenyl-d14	100	105	105		50	134
Q2814-20	TW-BP-N	2-Fluorophenol	150	85.3	57		19	119
		Phenol-d6	150	65.3	44		10	130
		Nitrobenzene-d5	100	114	114		44	120
Q2814-21	TW-BP-N	2-Fluorobiphenyl	100	97.0	97		44	119
		2,4,6-Tribromophenol	150	182	122		43	140
		Terphenyl-d14	100	110	110		50	134

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Q2814-14	TW-BP-E	2-Fluorophenol	150	78.9	53		19	119
		Phenol-d6	150	59.9	40		10	130
		Nitrobenzene-d5	100	106	106		44	120
		2-Fluorobiphenyl	100	91.5	91		44	119
		2,4,6-Tribromophenol	150	169	113		43	140
		Terphenyl-d14	100	105	105		50	134
Q2814-15	TW-BP-W	2-Fluorophenol	150	72.8	49		19	119
		Phenol-d6	150	56.9	38		10	130
		Nitrobenzene-d5	100	93.8	94		44	120
		2-Fluorobiphenyl	100	83.6	84		44	119
		2,4,6-Tribromophenol	150	153	102		43	140
		Terphenyl-d14	100	97.2	97		50	134
Q2814-16	FB	2-Fluorophenol	150	91.0	61		19	119
		Phenol-d6	150	70.2	47		10	130
		Nitrobenzene-d5	100	120	120		44	120
		2-Fluorobiphenyl	100	102	102		44	119
		2,4,6-Tribromophenol	150	196	131		43	140
		Terphenyl-d14	100	115	115		50	134
Q2814-17	TW-518R-S	2-Fluorophenol	150	73.3	49		19	119
		Phenol-d6	150	57.5	38		10	130
		Nitrobenzene-d5	100	73.2	73		44	120
		2-Fluorobiphenyl	100	67.6	68		44	119
		2,4,6-Tribromophenol	150	114	76		43	140
		Terphenyl-d14	100	65.2	65		50	134
Q2814-18	TW-518R-N	2-Fluorophenol	150	52.9	35		19	119
		Phenol-d6	150	44.2	29		10	130
		Nitrobenzene-d5	100	46.5	46		44	120
		2-Fluorobiphenyl	100	42.6	43	*	44	119
		2,4,6-Tribromophenol	150	73.5	49		43	140
		Terphenyl-d14	100	44.6	45	*	50	134
Q2814-18RE	TW-518R-NRE	2-Fluorophenol	150	53.6	36		19	119
		Phenol-d6	150	43.4	29		10	130
		Nitrobenzene-d5	100	47.3	47		44	120
		2-Fluorobiphenyl	100	43.1	43	*	44	119
		2,4,6-Tribromophenol	150	70.3	47		43	140
		Terphenyl-d14	100	43.3	43	*	50	134
Q2814-19	TW-518R-E	2-Fluorophenol	150	74.0	49		19	119
		Phenol-d6	150	58.4	39		10	130
		Nitrobenzene-d5	100	82.5	83		44	120
		2-Fluorobiphenyl	100	82.0	82		44	119
		2,4,6-Tribromophenol	150	112	74		43	140
		Terphenyl-d14	100	65.8	66		50	134
Q2814-20	TW-518R-W	2-Fluorophenol	150	93.3	62		19	119
		Phenol-d6	150	73.1	49		10	130
		Nitrobenzene-d5	100	88.8	89		44	120
		2-Fluorobiphenyl	100	81.2	81		44	119
		2,4,6-Tribromophenol	150	145	97		43	140
		Terphenyl-d14	100	84.5	85		50	134