

Table E-6
Qualifications Based on Field Duplicate Precision
Phase B Source Area Soil Gas Investigation
Tronox Facility,
Henderson, Nevada

Sample ID	SDG	Method	Matrix	Analyte	Result	Qualifiers	Units	Reason	RPD	RPD Limit
SG07B-05	P0801483	TO-15	GS	Ethylbenzene	0.21	J	ug/m3	fd	158	50%
SG07B-05D	P0801483	TO-15	GS	Ethylbenzene	1.8	J	ug/m3	fd	158	50%
SG51B-05	P0801548	TO-15	GS	Ethylbenzene	3.8	J	ug/m3	fd	133	50%
SG51B-05D	P0801548	TO-15	GS	Ethylbenzene	0.77	J	ug/m3	fd	133	50%
SG07B-05	P0801483	TO-15	GS	N-Propylbenzene	0.16	J	ug/m3	fd	138	50%
SG07B-05D	P0801483	TO-15	GS	N-Propylbenzene	0.87	J	ug/m3	fd	138	50%
SG26B-05	P0801483	TO-15	GS	1,4-Dichlorobenzene	4.9	J	ug/m3	fd	111	50%
SG26B-05D	P0801483	TO-15	GS	1,4-Dichlorobenzene	17	J	ug/m3	fd	111	50%
SG40B-05	P0801385	TO-15	GS	1,4-Dichlorobenzene	81	J	ug/m3	fd	84	50%
SG40B-05D	P0801385	TO-15	GS	1,4-Dichlorobenzene	33	J	ug/m3	fd	84	50%
SG51B-05	P0801548	TO-15	GS	1,4-Dichlorobenzene	5.0	J	ug/m3	fd	NC	50%
SG51B-05D	P0801548	TO-15	GS	1,4-Dichlorobenzene	0.62	UJ	ug/m3	fd	NC	50%
SG53B-05	P0801548	TO-15	GS	1,4-Dichlorobenzene	11	J	ug/m3	fd	84	50%
SG53B-05D	P0801548	TO-15	GS	1,4-Dichlorobenzene	4.5	J	ug/m3	fd	84	50%
SG65B-05	P0801442	TO-15	GS	1,4-Dichlorobenzene	78	J	ug/m3	fd	71	50%
SG65B-05D	P0801442	TO-15	GS	1,4-Dichlorobenzene	37	J	ug/m3	fd	71	50%
SG40B-05	P0801385	TO-15	GS	Allyl chloride	5.5	J	ug/m3	fd	NC	50%
SG40B-05D	P0801385	TO-15	GS	Allyl chloride	0.16	UJ	ug/m3	fd	NC	50%
SG07B-05	P0801483	TO-15	GS	1,3,5-Trimethylbenzene	0.24	J	ug/m3	fd	157	50%
SG07B-05D	P0801483	TO-15	GS	1,3,5-Trimethylbenzene	2.0	J	ug/m3	fd	157	50%
SG51B-05	P0801548	TO-15	GS	1,3,5-Trimethylbenzene	5.3	J	ug/m3	fd	NC	50%
SG51B-05D	P0801548	TO-15	GS	1,3,5-Trimethylbenzene	3.1	UJ	ug/m3	fd	NC	50%
SG53BR-05	P0801656	TO-15	GS	1,3,5-Trimethylbenzene	0.40	J	ug/m3	fd	102	50%
SG53BR-05D	P0801656	TO-15	GS	1,3,5-Trimethylbenzene	0.13	J	ug/m3	fd	102	50%
SG51B-05	P0801548	TO-15	GS	Toluene	50	J	ug/m3	fd	63	50%
SG51B-05D	P0801548	TO-15	GS	Toluene	26	J	ug/m3	fd	63	50%
SG65B-05	P0801442	TO-15	GS	Toluene	9.5	J	ug/m3	fd	59	50%
SG65B-05D	P0801442	TO-15	GS	Toluene	5.2	J	ug/m3	fd	59	50%
SG51B-05	P0801548	TO-15	GS	Chlorobenzene	32	J	ug/m3	fd	119	50%
SG51B-05D	P0801548	TO-15	GS	Chlorobenzene	8.1	J	ug/m3	fd	119	50%

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SG07B-05	P0801483	TO-15	GS	n-Octane	0.36	J	ug/m3	fd	113	50%
SG07B-05D	P0801483	TO-15	GS	n-Octane	1.3	J	ug/m3	fd	113	50%
SG41B-20	P0801385	TO-15	GS	n-Octane	53	J	ug/m3	fd	55	50%
SG41B-20D	P0801385	TO-15	GS	n-Octane	30	J	ug/m3	fd	55	50%
SG51B-05	P0801548	TO-15	GS	n-Octane	17	J	ug/m3	fd	118	50%
SG51B-05D	P0801548	TO-15	GS	n-Octane	4.4	J	ug/m3	fd	118	50%
SG07B-05	P0801483	TO-15	GS	n-Heptane	0.11	J	ug/m3	fd	160	50%
SG07B-05D	P0801483	TO-15	GS	n-Heptane	1.0	J	ug/m3	fd	160	50%
SG41B-20	P0801385	TO-15	GS	n-Heptane	19	J	ug/m3	fd	62	50%
SG41B-20D	P0801385	TO-15	GS	n-Heptane	10	J	ug/m3	fd	62	50%
SG07B-05	P0801483	TO-15	GS	2-Hexanone	0.32	J	ug/m3	fd	137	50%
SG07B-05D	P0801483	TO-15	GS	2-Hexanone	1.7	J	ug/m3	fd	137	50%
SG07B-05	P0801483	TO-15	GS	4-Ethyltoluene	0.23	J	ug/m3	fd	125	50%
SG07B-05D	P0801483	TO-15	GS	4-Ethyltoluene	1.0	J	ug/m3	fd	125	50%
SG65B-05	P0801442	TO-15	GS	Ethanol	53	J	ug/m3	fd	126	50%
SG65B-05D	P0801442	TO-15	GS	Ethanol	12	J	ug/m3	fd	126	50%
SG51B-05	P0801548	TO-15	GS	Chloromethane	6.5	J	ug/m3	fd	122	50%
SG51B-05D	P0801548	TO-15	GS	Chloromethane	27	J	ug/m3	fd	122	50%
SG53B-05	P0801548	TO-15	GS	Carbon disulfide	1.1	J	ug/m3	fd	177	50%
SG53B-05D	P0801548	TO-15	GS	Carbon disulfide	18	J	ug/m3	fd	177	50%
SG53BR-05	P0801656	TO-15	GS	Carbon disulfide	3.4	J	ug/m3	fd	163	50%
SG53BR-05D	P0801656	TO-15	GS	Carbon disulfide	33	J	ug/m3	fd	163	50%
SG65B-05	P0801442	TO-15	GS	Carbon disulfide	9.0	J	ug/m3	fd	81	50%
SG65B-05D	P0801442	TO-15	GS	Carbon disulfide	3.8	J	ug/m3	fd	81	50%
SG65BR-05	P0801656	TO-15	GS	Carbon disulfide	5.5	J	ug/m3	fd	153	50%
SG65BR-05D	P0801656	TO-15	GS	Carbon disulfide	0.73	J	ug/m3	fd	153	50%
SG40B-05	P0801385	TO-15	GS	1,2-Dichloropropane	1.3	J	ug/m3	fd	131	50%
SG40B-05D	P0801385	TO-15	GS	1,2-Dichloropropane	0.27	J	ug/m3	fd	131	50%
SG51B-05	P0801548	TO-15	GS	Hexachlorobutadiene	2.9	J	ug/m3	fd	NC	50%
SG51B-05D	P0801548	TO-15	GS	Hexachlorobutadiene	0.62	UJ	ug/m3	fd	NC	50%

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SG65B-05	P0801442	TO-15	GS	Naphthalene	0.21	J	ug/m3	fd	172	50%
SG65B-05D	P0801442	TO-15	GS	Naphthalene	2.8	J	ug/m3	fd	172	50%
SG07B-05	P0801483	TO-15	GS	o-Xylene	0.47	J	ug/m3	fd	153	50%
SG07B-05D	P0801483	TO-15	GS	o-Xylene	3.5	J	ug/m3	fd	153	50%
SG51B-05	P0801548	TO-15	GS	o-Xylene	9.7	J	ug/m3	fd	177	50%
SG51B-05D	P0801548	TO-15	GS	o-Xylene	0.58	J	ug/m3	fd	177	50%
SG07B-05	P0801483	TO-15	GS	1,2-Dichlorobenzene	0.17	UJ	ug/m3	fd	NC	50%
SG07B-05D	P0801483	TO-15	GS	1,2-Dichlorobenzene	3.7	J	ug/m3	fd	NC	50%
SG51B-05	P0801548	TO-15	GS	1,2-Dichlorobenzene	0.94	J	ug/m3	fd	NC	50%
SG51B-05D	P0801548	TO-15	GS	1,2-Dichlorobenzene	0.62	UJ	ug/m3	fd	NC	50%
SG65B-05	P0801442	TO-15	GS	1,2-Dichlorobenzene	0.38	J	ug/m3	fd	104	50%
SG65B-05D	P0801442	TO-15	GS	1,2-Dichlorobenzene	0.12	J	ug/m3	fd	104	50%
SG07B-05	P0801483	TO-15	GS	1,2,4-Trimethylbenzene	0.80	J	ug/m3	fd	120	50%
SG07B-05D	P0801483	TO-15	GS	1,2,4-Trimethylbenzene	3.2	J	ug/m3	fd	120	50%
SG51B-05	P0801548	TO-15	GS	1,2,4-Trimethylbenzene	4.0	J	ug/m3	fd	NC	50%
SG51B-05D	P0801548	TO-15	GS	1,2,4-Trimethylbenzene	3.1	UJ	ug/m3	fd	NC	50%
SG65B-05	P0801442	TO-15	GS	4-Isopropyltoluene	1.2	J	ug/m3	fd	108	50%
SG65B-05D	P0801442	TO-15	GS	4-Isopropyltoluene	0.36	J	ug/m3	fd	108	50%
SG65BR-05	P0801656	TO-15	GS	4-Isopropyltoluene	0.83	J	ug/m3	fd	146	50%
SG65BR-05D	P0801656	TO-15	GS	4-Isopropyltoluene	0.13	J	ug/m3	fd	146	50%
SG07B-05	P0801483	TO-15	GS	m,p-Xylene	0.96	J	ug/m3	fd	152	50%
SG07B-05D	P0801483	TO-15	GS	m,p-Xylene	7.1	J	ug/m3	fd	152	50%
SG51B-05	P0801548	TO-15	GS	m,p-Xylene	27	J	ug/m3	fd	167	50%
SG51B-05D	P0801548	TO-15	GS	m,p-Xylene	2.4	J	ug/m3	fd	167	50%

Note:

Reason codes are defined in Table E-2

Data qualifiers are defined in Table E-1