

Table E-9
Qualifications Based on Helium Tracer Concentrations
Phase B Source Area Soil Gas Investigation
Tronox Facility - Henderson, Nevada

Sample ID	SDG	Method	Matrix	Analyte	Result	Qualifiers	Units	Reason	DQI	DQI Result	DQI Limit (1%*)
SG17B-05	P0801483	TO-15	GS	1,1,1-Trichloroethane	0.16	UJ	ug/m3	t	He tracer	2100 ppmV	780 ppmV
SG17B-05	P0801483	TO-15	GS	1,1,2,2-Tetrachloroethane	0.16	UJ	ug/m3	t	He tracer	2100 ppmV	780 ppmV
SG17B-05	P0801483	TO-15	GS	1,1,2-Trichloroethane	1.2	J	ug/m3	t	He tracer	2100 ppmV	780 ppmV
SG17B-05	P0801483	TO-15	GS	1,1,2-Trichlorotrifluoroethane	0.46	J	ug/m3	t	He tracer	2100 ppmV	780 ppmV
SG17B-05	P0801483	TO-15	GS	1,1-Dichloroethane	2.6	J	ug/m3	t	He tracer	2100 ppmV	780 ppmV
SG17B-05	P0801483	TO-15	GS	1,1-Dichloroethene	0.16	UJ	ug/m3	t	He tracer	2100 ppmV	780 ppmV
SG17B-05	P0801483	TO-15	GS	1,2,4-Trichlorobenzene	0.16	UJ	ug/m3	t	He tracer	2100 ppmV	780 ppmV
SG17B-05	P0801483	TO-15	GS	1,2,4-Trimethylbenzene	0.35	J	ug/m3	t	He tracer	2100 ppmV	780 ppmV
SG17B-05	P0801483	TO-15	GS	1,2-Dibromo-3-chloropropane	0.82	UJ	ug/m3	t	He tracer	2100 ppmV	780 ppmV
SG17B-05	P0801483	TO-15	GS	1,2-Dichlorobenzene	0.16	UJ	ug/m3	t	He tracer	2100 ppmV	780 ppmV
SG17B-05	P0801483	TO-15	GS	1,2-Dichloroethane	2.3	J	ug/m3	t	He tracer	2100 ppmV	780 ppmV
SG17B-05	P0801483	TO-15	GS	1,2-Dichloropropane	0.16	UJ	ug/m3	t	He tracer	2100 ppmV	780 ppmV
SG17B-05	P0801483	TO-15	GS	1,2-Dichlorotetrafluoroethane	0.098	J	ug/m3	t	He tracer	2100 ppmV	780 ppmV
SG17B-05	P0801483	TO-15	GS	1,3,5-Trimethylbenzene	0.82	UJ	ug/m3	t	He tracer	2100 ppmV	780 ppmV
SG17B-05	P0801483	TO-15	GS	1,3-Dichlorobenzene	0.14	J	ug/m3	t	He tracer	2100 ppmV	780 ppmV
SG17B-05	P0801483	TO-15	GS	1,4-Dichlorobenzene	0.52	J	ug/m3	t	He tracer	2100 ppmV	780 ppmV
SG17B-05	P0801483	TO-15	GS	1,4-Dioxane	0.51	J	ug/m3	t	He tracer	2100 ppmV	780 ppmV
SG17B-05	P0801483	TO-15	GS	2-Butanone	5.5	J	ug/m3	t	He tracer	2100 ppmV	780 ppmV
SG17B-05	P0801483	TO-15	GS	2-Hexanone	0.83	J	ug/m3	t	He tracer	2100 ppmV	780 ppmV
SG17B-05	P0801483	TO-15	GS	2-Methoxy-2-methyl-butane	0.82	UJ	ug/m3	t	He tracer	2100 ppmV	780 ppmV
SG17B-05	P0801483	TO-15	GS	4-Ethyltoluene	0.11	J	ug/m3	t	He tracer	2100 ppmV	780 ppmV
SG17B-05	P0801483	TO-15	GS	4-Isopropyltoluene	0.19	J	ug/m3	t	He tracer	2100 ppmV	780 ppmV
SG17B-05	P0801483	TO-15	GS	4-Methyl-2-pentanone	0.37	J	ug/m3	t	He tracer	2100 ppmV	780 ppmV
SG17B-05	P0801483	TO-15	GS	Acetone	19	J	ug/m3	t	He tracer	2100 ppmV	780 ppmV
SG17B-05	P0801483	TO-15	GS	Acrylonitrile	0.15	J	ug/m3	t	He tracer	2100 ppmV	780 ppmV
SG17B-05	P0801483	TO-15	GS	Allyl chloride	0.16	UJ	ug/m3	t	He tracer	2100 ppmV	780 ppmV
SG17B-05	P0801483	TO-15	GS	alpha-Methylstyrene	0.19	J	ug/m3	t	He tracer	2100 ppmV	780 ppmV
SG17B-05	P0801483	TO-15	GS	Benzene	1.6	J	ug/m3	t	He tracer	2100 ppmV	780 ppmV
SG17B-05	P0801483	TO-15	GS	Benzyl Chloride	0.16	UJ	ug/m3	t	He tracer	2100 ppmV	780 ppmV
SG17B-05	P0801483	TO-15	GS	Bromodichloromethane	0.16	UJ	ug/m3	t	He tracer	2100 ppmV	780 ppmV
SG17B-05	P0801483	TO-15	GS	Bromoform	0.82	UJ	ug/m3	t	He tracer	2100 ppmV	780 ppmV
SG17B-05	P0801483	TO-15	GS	Bromomethane	0.16	UJ	ug/m3	t	He tracer	2100 ppmV	780 ppmV
SG17B-05	P0801483	TO-15	GS	Carbon disulfide	13	J	ug/m3	t	He tracer	2100 ppmV	780 ppmV
SG17B-05	P0801483	TO-15	GS	Carbon tetrachloride	0.28	J	ug/m3	t	He tracer	2100 ppmV	780 ppmV
SG17B-05	P0801483	TO-15	GS	Chlorobenzene	0.11	J	ug/m3	t	He tracer	2100 ppmV	780 ppmV
SG17B-05	P0801483	TO-15	GS	Chloroethane	3.8	J	ug/m3	t	He tracer	2100 ppmV	780 ppmV
SG17B-05	P0801483	TO-15	GS	Chloroform	180	J	ug/m3	t	He tracer	2100 ppmV	780 ppmV
SG17B-05	P0801483	TO-15	GS	Chloromethane	0.16	UJ	ug/m3	t	He tracer	2100 ppmV	780 ppmV
SG17B-05	P0801483	TO-15	GS	cis-1,2-Dichloroethene	0.16	UJ	ug/m3	t	He tracer	2100 ppmV	780 ppmV
SG17B-05	P0801483	TO-15	GS	cis-1,3-Dichloropropene	0.82	UJ	ug/m3	t	He tracer	2100 ppmV	780 ppmV
SG17B-05	P0801483	TO-15	GS	Dibromochloromethane	0.16	UJ	ug/m3	t	He tracer	2100 ppmV	780 ppmV

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Sample ID	SDG	Method	Matrix	Analyte	Result	Qualifiers	Units	Reason	DQI	DQI Result	DQI Limit (1%*)
SG17B-05	P0801483	TO-15	GS	Dichlorodifluoromethane	2.3	J	ug/m3	t	He tracer	2100 ppmV	780 ppmV
SG17B-05	P0801483	TO-15	GS	Ethanol	7.3	J	ug/m3	t	He tracer	2100 ppmV	780 ppmV
SG17B-05	P0801483	TO-15	GS	Ethyl t-butyl ether	0.82	UJ	ug/m3	t	He tracer	2100 ppmV	780 ppmV
SG17B-05	P0801483	TO-15	GS	Ethylbenzene	0.16	J	ug/m3	t	He tracer	2100 ppmV	780 ppmV
SG17B-05	P0801483	TO-15	GS	Ethylene dibromide	0.16	UJ	ug/m3	t	He tracer	2100 ppmV	780 ppmV
SG17B-05	P0801483	TO-15	GS	Hexachlorobutadiene	0.26	J	ug/m3	t	He tracer	2100 ppmV	780 ppmV
SG17B-05	P0801483	TO-15	GS	isopropyl ether	0.82	UJ	ug/m3	t	He tracer	2100 ppmV	780 ppmV
SG17B-05	P0801483	TO-15	GS	Isopropylbenzene	0.82	UJ	ug/m3	t	He tracer	2100 ppmV	780 ppmV
SG17B-05	P0801483	TO-15	GS	m,p-Xylene	0.69	J	ug/m3	t	He tracer	2100 ppmV	780 ppmV
SG17B-05	P0801483	TO-15	GS	Methyl methacrylate	0.82	UJ	ug/m3	t	He tracer	2100 ppmV	780 ppmV
SG17B-05	P0801483	TO-15	GS	Methyl tert butyl ether	0.16	UJ	ug/m3	t	He tracer	2100 ppmV	780 ppmV
SG17B-05	P0801483	TO-15	GS	Methylene chloride	1.8	J	ug/m3	t	He tracer	2100 ppmV	780 ppmV
SG17B-05	P0801483	TO-15	GS	N-Butylbenzene	0.22	J	ug/m3	t	He tracer	2100 ppmV	780 ppmV
SG17B-05	P0801483	TO-15	GS	n-Heptane	0.51	J	ug/m3	t	He tracer	2100 ppmV	780 ppmV
SG17B-05	P0801483	TO-15	GS	n-Octane	0.36	J	ug/m3	t	He tracer	2100 ppmV	780 ppmV
SG17B-05	P0801483	TO-15	GS	N-Propylbenzene	0.088	J	ug/m3	t	He tracer	2100 ppmV	780 ppmV
SG17B-05	P0801483	TO-15	GS	Naphthalene	0.92	J	ug/m3	t	He tracer	2100 ppmV	780 ppmV
SG17B-05	P0801483	TO-15	GS	o-Xylene	0.27	J	ug/m3	t	He tracer	2100 ppmV	780 ppmV
SG17B-05	P0801483	TO-15	GS	sec-Butylbenzene	0.82	UJ	ug/m3	t	He tracer	2100 ppmV	780 ppmV
SG17B-05	P0801483	TO-15	GS	Styrene	0.46	J	ug/m3	t	He tracer	2100 ppmV	780 ppmV
SG17B-05	P0801483	TO-15	GS	t-Butyl alcohol	0.62	J	ug/m3	t	He tracer	2100 ppmV	780 ppmV
SG17B-05	P0801483	TO-15	GS	tert-Butylbenzene	0.33	UJ	ug/m3	t	He tracer	2100 ppmV	780 ppmV
SG17B-05	P0801483	TO-15	GS	Tetrachloroethene	7.5	J	ug/m3	t	He tracer	2100 ppmV	780 ppmV
SG17B-05	P0801483	TO-15	GS	Toluene	2.2	J	ug/m3	t	He tracer	2100 ppmV	780 ppmV
SG17B-05	P0801483	TO-15	GS	trans-1,2-Dichloroethylene	0.16	UJ	ug/m3	t	He tracer	2100 ppmV	780 ppmV
SG17B-05	P0801483	TO-15	GS	trans-1,3-Dichloropropene	0.82	UJ	ug/m3	t	He tracer	2100 ppmV	780 ppmV
SG17B-05	P0801483	TO-15	GS	Trichloroethene	0.30	J	ug/m3	t	He tracer	2100 ppmV	780 ppmV
SG17B-05	P0801483	TO-15	GS	Trichlorofluoromethane	1.0	J	ug/m3	t	He tracer	2100 ppmV	780 ppmV
SG17B-05	P0801483	TO-15	GS	Vinylacetate	5.1	J	ug/m3	t	He tracer	2100 ppmV	780 ppmV
SG17B-05	P0801483	TO-15	GS	Vinylchloride	0.16	UJ	ug/m3	t	He tracer	2100 ppmV	780 ppmV
SG42B-05	P0801548	TO-15	GS	1,1,1-Trichloroethane		R	ug/m3	t	He tracer	14000 ppmV	908 ppmV
SG42B-05	P0801548	TO-15	GS	1,1,2,2-Tetrachloroethane		R	ug/m3	t	He tracer	14000 ppmV	908 ppmV
SG42B-05	P0801548	TO-15	GS	1,1,2-Trichloroethane		R	ug/m3	t	He tracer	14000 ppmV	908 ppmV
SG42B-05	P0801548	TO-15	GS	1,1,2-Trichlorotrifluoroethane		R	ug/m3	t	He tracer	14000 ppmV	908 ppmV
SG42B-05	P0801548	TO-15	GS	1,1-Dichloroethane		R	ug/m3	t	He tracer	14000 ppmV	908 ppmV
SG42B-05	P0801548	TO-15	GS	1,1-Dichloroethene		R	ug/m3	t	He tracer	14000 ppmV	908 ppmV
SG42B-05	P0801548	TO-15	GS	1,2,4-Trichlorobenzene		R	ug/m3	t	He tracer	14000 ppmV	908 ppmV
SG42B-05	P0801548	TO-15	GS	1,2,4-Trimethylbenzene		R	ug/m3	t	He tracer	14000 ppmV	908 ppmV
SG42B-05	P0801548	TO-15	GS	1,2-Dibromo-3-chloropropane		R	ug/m3	t	He tracer	14000 ppmV	908 ppmV
SG42B-05	P0801548	TO-15	GS	1,2-Dichlorobenzene		R	ug/m3	t	He tracer	14000 ppmV	908 ppmV
SG42B-05	P0801548	TO-15	GS	1,2-Dichloroethane		R	ug/m3	t	He tracer	14000 ppmV	908 ppmV

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Sample ID	SDG	Method	Matrix	Analyte	Result	Qualifiers	Units	Reason	DQI	DQI Result	DQI Limit (1%*)
SG42B-05	P0801548	TO-15	GS	1,2-Dichloropropane		R	ug/m3	t	He tracer	14000 ppmV	908 ppmV
SG42B-05	P0801548	TO-15	GS	1,2-Dichlorotetrafluoroethane		R	ug/m3	t	He tracer	14000 ppmV	908 ppmV
SG42B-05	P0801548	TO-15	GS	1,3,5-Trimethylbenzene		R	ug/m3	t	He tracer	14000 ppmV	908 ppmV
SG42B-05	P0801548	TO-15	GS	1,3-Dichlorobenzene		R	ug/m3	t	He tracer	14000 ppmV	908 ppmV
SG42B-05	P0801548	TO-15	GS	1,4-Dichlorobenzene		R	ug/m3	t	He tracer	14000 ppmV	908 ppmV
SG42B-05	P0801548	TO-15	GS	1,4-Dioxane		R	ug/m3	t	He tracer	14000 ppmV	908 ppmV
SG42B-05	P0801548	TO-15	GS	2-Butanone		R	ug/m3	t	He tracer	14000 ppmV	908 ppmV
SG42B-05	P0801548	TO-15	GS	2-Hexanone		R	ug/m3	t	He tracer	14000 ppmV	908 ppmV
SG42B-05	P0801548	TO-15	GS	2-Methoxy-2-methyl-butane		R	ug/m3	t	He tracer	14000 ppmV	908 ppmV
SG42B-05	P0801548	TO-15	GS	4-Ethyltoluene		R	ug/m3	t	He tracer	14000 ppmV	908 ppmV
SG42B-05	P0801548	TO-15	GS	4-Isopropyltoluene		R	ug/m3	t	He tracer	14000 ppmV	908 ppmV
SG42B-05	P0801548	TO-15	GS	4-Methyl-2-pentanone		R	ug/m3	t	He tracer	14000 ppmV	908 ppmV
SG42B-05	P0801548	TO-15	GS	Acetone		R	ug/m3	t	He tracer	14000 ppmV	908 ppmV
SG42B-05	P0801548	TO-15	GS	Acrylonitrile		R	ug/m3	t	He tracer	14000 ppmV	908 ppmV
SG42B-05	P0801548	TO-15	GS	Allyl chloride		R	ug/m3	t	He tracer	14000 ppmV	908 ppmV
SG42B-05	P0801548	TO-15	GS	alpha-Methylstyrene		R	ug/m3	t	He tracer	14000 ppmV	908 ppmV
SG42B-05	P0801548	TO-15	GS	Benzene		R	ug/m3	t	He tracer	14000 ppmV	908 ppmV
SG42B-05	P0801548	TO-15	GS	Benzyl Chloride		R	ug/m3	t	He tracer	14000 ppmV	908 ppmV
SG42B-05	P0801548	TO-15	GS	Bromodichloromethane		R	ug/m3	t	He tracer	14000 ppmV	908 ppmV
SG42B-05	P0801548	TO-15	GS	Bromoform		R	ug/m3	t	He tracer	14000 ppmV	908 ppmV
SG42B-05	P0801548	TO-15	GS	Bromomethane		R	ug/m3	t	He tracer	14000 ppmV	908 ppmV
SG42B-05	P0801548	TO-15	GS	Carbon disulfide		R	ug/m3	t	He tracer	14000 ppmV	908 ppmV
SG42B-05	P0801548	TO-15	GS	Carbon tetrachloride		R	ug/m3	t	He tracer	14000 ppmV	908 ppmV
SG42B-05	P0801548	TO-15	GS	Chlorobenzene		R	ug/m3	t	He tracer	14000 ppmV	908 ppmV
SG42B-05	P0801548	TO-15	GS	Chloroethane		R	ug/m3	t	He tracer	14000 ppmV	908 ppmV
SG42B-05	P0801548	TO-15	GS	Chloroform		R	ug/m3	t	He tracer	14000 ppmV	908 ppmV
SG42B-05	P0801548	TO-15	GS	Chloromethane		R	ug/m3	t	He tracer	14000 ppmV	908 ppmV
SG42B-05	P0801548	TO-15	GS	cis-1,2-Dichloroethene		R	ug/m3	t	He tracer	14000 ppmV	908 ppmV
SG42B-05	P0801548	TO-15	GS	cis-1,3-Dichloropropene		R	ug/m3	t	He tracer	14000 ppmV	908 ppmV
SG42B-05	P0801548	TO-15	GS	Dibromochloromethane		R	ug/m3	t	He tracer	14000 ppmV	908 ppmV
SG42B-05	P0801548	TO-15	GS	Dichlorodifluoromethane		R	ug/m3	t	He tracer	14000 ppmV	908 ppmV
SG42B-05	P0801548	TO-15	GS	Ethanol		R	ug/m3	t	He tracer	14000 ppmV	908 ppmV
SG42B-05	P0801548	TO-15	GS	Ethyl t-butyl ether		R	ug/m3	t	He tracer	14000 ppmV	908 ppmV
SG42B-05	P0801548	TO-15	GS	Ethylbenzene		R	ug/m3	t	He tracer	14000 ppmV	908 ppmV
SG42B-05	P0801548	TO-15	GS	Ethylene dibromide		R	ug/m3	t	He tracer	14000 ppmV	908 ppmV
SG42B-05	P0801548	TO-15	GS	Hexachlorobutadiene		R	ug/m3	t	He tracer	14000 ppmV	908 ppmV
SG42B-05	P0801548	TO-15	GS	isopropyl ether		R	ug/m3	t	He tracer	14000 ppmV	908 ppmV
SG42B-05	P0801548	TO-15	GS	Isopropylbenzene		R	ug/m3	t	He tracer	14000 ppmV	908 ppmV
SG42B-05	P0801548	TO-15	GS	m,p-Xylene		R	ug/m3	t	He tracer	14000 ppmV	908 ppmV
SG42B-05	P0801548	TO-15	GS	Methyl methacrylate		R	ug/m3	t	He tracer	14000 ppmV	908 ppmV
SG42B-05	P0801548	TO-15	GS	Methyl tert butyl ether		R	ug/m3	t	He tracer	14000 ppmV	908 ppmV

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Sample ID	SDG	Method	Matrix	Analyte	Result	Qualifiers	Units	Reason	DQI	DQI Result	DQI Limit (1%*)
SG42B-05	P0801548	TO-15	GS	Methylene chloride		R	ug/m3	t	He tracer	14000 ppmV	908 ppmV
SG42B-05	P0801548	TO-15	GS	N-Butylbenzene		R	ug/m3	t	He tracer	14000 ppmV	908 ppmV
SG42B-05	P0801548	TO-15	GS	n-Heptane		R	ug/m3	t	He tracer	14000 ppmV	908 ppmV
SG42B-05	P0801548	TO-15	GS	n-Octane		R	ug/m3	t	He tracer	14000 ppmV	908 ppmV
SG42B-05	P0801548	TO-15	GS	N-Propylbenzene		R	ug/m3	t	He tracer	14000 ppmV	908 ppmV
SG42B-05	P0801548	TO-15	GS	Naphthalene		R	ug/m3	t	He tracer	14000 ppmV	908 ppmV
SG42B-05	P0801548	TO-15	GS	o-Xylene		R	ug/m3	t	He tracer	14000 ppmV	908 ppmV
SG42B-05	P0801548	TO-15	GS	sec-Butylbenzene		R	ug/m3	t	He tracer	14000 ppmV	908 ppmV
SG42B-05	P0801548	TO-15	GS	Styrene		R	ug/m3	t	He tracer	14000 ppmV	908 ppmV
SG42B-05	P0801548	TO-15	GS	t-Butyl alcohol		R	ug/m3	t	He tracer	14000 ppmV	908 ppmV
SG42B-05	P0801548	TO-15	GS	tert-Butylbenzene		R	ug/m3	t	He tracer	14000 ppmV	908 ppmV
SG42B-05	P0801548	TO-15	GS	Tetrachloroethene		R	ug/m3	t	He tracer	14000 ppmV	908 ppmV
SG42B-05	P0801548	TO-15	GS	Toluene		R	ug/m3	t	He tracer	14000 ppmV	908 ppmV
SG42B-05	P0801548	TO-15	GS	trans-1,2-Dichloroethylene		R	ug/m3	t	He tracer	14000 ppmV	908 ppmV
SG42B-05	P0801548	TO-15	GS	trans-1,3-Dichloropropene		R	ug/m3	t	He tracer	14000 ppmV	908 ppmV
SG42B-05	P0801548	TO-15	GS	Trichloroethene		R	ug/m3	t	He tracer	14000 ppmV	908 ppmV
SG42B-05	P0801548	TO-15	GS	Trichlorofluoromethane		R	ug/m3	t	He tracer	14000 ppmV	908 ppmV
SG42B-05	P0801548	TO-15	GS	Vinylacetate		R	ug/m3	t	He tracer	14000 ppmV	908 ppmV
SG42B-05	P0801548	TO-15	GS	Vinylchloride		R	ug/m3	t	He tracer	14000 ppmV	908 ppmV
SG53B-05	P0801548	TO-15	GS	1,1,1-Trichloroethane	0.33	UJ	ug/m3	t	He tracer	5000 ppmV	930 ppmV
SG53B-05	P0801548	TO-15	GS	1,1,2,2-Tetrachloroethane	0.33	UJ	ug/m3	t	He tracer	5000 ppmV	930 ppmV
SG53B-05	P0801548	TO-15	GS	1,1,2-Trichloroethane	5.4	J	ug/m3	t	He tracer	5000 ppmV	930 ppmV
SG53B-05	P0801548	TO-15	GS	1,1,2-Trichlorotrifluoroethane	0.48	J	ug/m3	t	He tracer	5000 ppmV	930 ppmV
SG53B-05	P0801548	TO-15	GS	1,1-Dichloroethane	130	J	ug/m3	t	He tracer	5000 ppmV	930 ppmV
SG53B-05	P0801548	TO-15	GS	1,1-Dichloroethene	3.5	J	ug/m3	t	He tracer	5000 ppmV	930 ppmV
SG53B-05	P0801548	TO-15	GS	1,2,4-Trichlorobenzene	1.9	J	ug/m3	t	He tracer	5000 ppmV	930 ppmV
SG53B-05	P0801548	TO-15	GS	1,2,4-Trimethylbenzene	2.2	J	ug/m3	t	He tracer	5000 ppmV	930 ppmV
SG53B-05	P0801548	TO-15	GS	1,2-Dibromo-3-chloropropane	1.7	UJ	ug/m3	t	He tracer	5000 ppmV	930 ppmV
SG53B-05	P0801548	TO-15	GS	1,2-Dichlorobenzene	0.33	J	ug/m3	t	He tracer	5000 ppmV	930 ppmV
SG53B-05	P0801548	TO-15	GS	1,2-Dichloroethane	13	J	ug/m3	t	He tracer	5000 ppmV	930 ppmV
SG53B-05	P0801548	TO-15	GS	1,2-Dichloropropane	0.33	UJ	ug/m3	t	He tracer	5000 ppmV	930 ppmV
SG53B-05	P0801548	TO-15	GS	1,2-Dichlorotetrafluoroethane	1.7	UJ	ug/m3	t	He tracer	5000 ppmV	930 ppmV
SG53B-05	P0801548	TO-15	GS	1,3,5-Trimethylbenzene	0.93	J	ug/m3	t	He tracer	5000 ppmV	930 ppmV
SG53B-05	P0801548	TO-15	GS	1,3-Dichlorobenzene	0.25	J	ug/m3	t	He tracer	5000 ppmV	930 ppmV
SG53B-05	P0801548	TO-15	GS	1,4-Dichlorobenzene	11	J	ug/m3	t	He tracer	5000 ppmV	930 ppmV
SG53B-05	P0801548	TO-15	GS	1,4-Dioxane	1.7	UJ	ug/m3	t	He tracer	5000 ppmV	930 ppmV
SG53B-05	P0801548	TO-15	GS	2-Butanone	4.2	J	ug/m3	t	He tracer	5000 ppmV	930 ppmV
SG53B-05	P0801548	TO-15	GS	2-Hexanone	0.77	J	ug/m3	t	He tracer	5000 ppmV	930 ppmV
SG53B-05	P0801548	TO-15	GS	2-Methoxy-2-methyl-butane	1.7	UJ	ug/m3	t	He tracer	5000 ppmV	930 ppmV
SG53B-05	P0801548	TO-15	GS	4-Ethyltoluene	0.88	J	ug/m3	t	He tracer	5000 ppmV	930 ppmV
SG53B-05	P0801548	TO-15	GS	4-Isopropyltoluene	0.47	J	ug/m3	t	He tracer	5000 ppmV	930 ppmV

Table E-9
Qualifications Based on Helium Tracer Concentrations
Phase B Source Area Soil Gas Investigation
Tronox Facility - Henderson, Nevada

Sample ID	SDG	Method	Matrix	Analyte	Result	Qualifiers	Units	Reason	DQI	DQI Result	DQI Limit (1%*)
SG53B-05	P0801548	TO-15	GS	4-Methyl-2-pentanone	0.85	J	ug/m3	t	He tracer	5000 ppmV	930 ppmV
SG53B-05	P0801548	TO-15	GS	Acetone	17	UJ	ug/m3	t	He tracer	5000 ppmV	930 ppmV
SG53B-05	P0801548	TO-15	GS	Acrylonitrile	1.7	UJ	ug/m3	t	He tracer	5000 ppmV	930 ppmV
SG53B-05	P0801548	TO-15	GS	Allyl chloride	0.33	UJ	ug/m3	t	He tracer	5000 ppmV	930 ppmV
SG53B-05	P0801548	TO-15	GS	alpha-Methylstyrene	1.7	UJ	ug/m3	t	He tracer	5000 ppmV	930 ppmV
SG53B-05	P0801548	TO-15	GS	Benzene	5.0	J	ug/m3	t	He tracer	5000 ppmV	930 ppmV
SG53B-05	P0801548	TO-15	GS	Benzyl Chloride	0.33	UJ	ug/m3	t	He tracer	5000 ppmV	930 ppmV
SG53B-05	P0801548	TO-15	GS	Bromodichloromethane	0.24	J	ug/m3	t	He tracer	5000 ppmV	930 ppmV
SG53B-05	P0801548	TO-15	GS	Bromoform	1.7	UJ	ug/m3	t	He tracer	5000 ppmV	930 ppmV
SG53B-05	P0801548	TO-15	GS	Bromomethane	0.33	UJ	ug/m3	t	He tracer	5000 ppmV	930 ppmV
SG53B-05	P0801548	TO-15	GS	Carbon disulfide	1.1	J	ug/m3	t	He tracer	5000 ppmV	930 ppmV
SG53B-05	P0801548	TO-15	GS	Carbon tetrachloride	0.46	J	ug/m3	t	He tracer	5000 ppmV	930 ppmV
SG53B-05	P0801548	TO-15	GS	Chlorobenzene	1.5	J	ug/m3	t	He tracer	5000 ppmV	930 ppmV
SG53B-05	P0801548	TO-15	GS	Chloroethane	100	J	ug/m3	t	He tracer	5000 ppmV	930 ppmV
SG53B-05	P0801548	TO-15	GS	Chloroform	1400	J	ug/m3	t	He tracer	5000 ppmV	930 ppmV
SG53B-05	P0801548	TO-15	GS	Chloromethane	0.33	UJ	ug/m3	t	He tracer	5000 ppmV	930 ppmV
SG53B-05	P0801548	TO-15	GS	cis-1,2-Dichloroethene	0.33	UJ	ug/m3	t	He tracer	5000 ppmV	930 ppmV
SG53B-05	P0801548	TO-15	GS	cis-1,3-Dichloropropene	1.7	UJ	ug/m3	t	He tracer	5000 ppmV	930 ppmV
SG53B-05	P0801548	TO-15	GS	Dibromochloromethane	0.33	UJ	ug/m3	t	He tracer	5000 ppmV	930 ppmV
SG53B-05	P0801548	TO-15	GS	Dichlorodifluoromethane	2.0	J	ug/m3	t	He tracer	5000 ppmV	930 ppmV
SG53B-05	P0801548	TO-15	GS	Ethanol	2.4	J	ug/m3	t	He tracer	5000 ppmV	930 ppmV
SG53B-05	P0801548	TO-15	GS	Ethyl t-butyl ether	1.7	UJ	ug/m3	t	He tracer	5000 ppmV	930 ppmV
SG53B-05	P0801548	TO-15	GS	Ethylbenzene	2.4	J	ug/m3	t	He tracer	5000 ppmV	930 ppmV
SG53B-05	P0801548	TO-15	GS	Ethylene dibromide	0.33	UJ	ug/m3	t	He tracer	5000 ppmV	930 ppmV
SG53B-05	P0801548	TO-15	GS	Hexachlorobutadiene	4.8	J	ug/m3	t	He tracer	5000 ppmV	930 ppmV
SG53B-05	P0801548	TO-15	GS	isopropyl ether	1.7	UJ	ug/m3	t	He tracer	5000 ppmV	930 ppmV
SG53B-05	P0801548	TO-15	GS	Isopropylbenzene	1.7	UJ	ug/m3	t	He tracer	5000 ppmV	930 ppmV
SG53B-05	P0801548	TO-15	GS	m,p-Xylene	11	J	ug/m3	t	He tracer	5000 ppmV	930 ppmV
SG53B-05	P0801548	TO-15	GS	Methyl methacrylate	1.7	UJ	ug/m3	t	He tracer	5000 ppmV	930 ppmV
SG53B-05	P0801548	TO-15	GS	Methyl tert butyl ether	0.33	UJ	ug/m3	t	He tracer	5000 ppmV	930 ppmV
SG53B-05	P0801548	TO-15	GS	Methylene chloride	12	J	ug/m3	t	He tracer	5000 ppmV	930 ppmV
SG53B-05	P0801548	TO-15	GS	N-Butylbenzene	1.7	J	ug/m3	t	He tracer	5000 ppmV	930 ppmV
SG53B-05	P0801548	TO-15	GS	n-Heptane	0.52	J	ug/m3	t	He tracer	5000 ppmV	930 ppmV
SG53B-05	P0801548	TO-15	GS	n-Octane	0.71	J	ug/m3	t	He tracer	5000 ppmV	930 ppmV
SG53B-05	P0801548	TO-15	GS	N-Propylbenzene	0.56	J	ug/m3	t	He tracer	5000 ppmV	930 ppmV
SG53B-05	P0801548	TO-15	GS	Naphthalene	6.9	J	ug/m3	t	He tracer	5000 ppmV	930 ppmV
SG53B-05	P0801548	TO-15	GS	o-Xylene	3.5	J	ug/m3	t	He tracer	5000 ppmV	930 ppmV
SG53B-05	P0801548	TO-15	GS	sec-Butylbenzene	1.7	UJ	ug/m3	t	He tracer	5000 ppmV	930 ppmV
SG53B-05	P0801548	TO-15	GS	Styrene	1.7	UJ	ug/m3	t	He tracer	5000 ppmV	930 ppmV
SG53B-05	P0801548	TO-15	GS	t-Butyl alcohol	0.77	J	ug/m3	t	He tracer	5000 ppmV	930 ppmV
SG53B-05	P0801548	TO-15	GS	tert-Butylbenzene	0.66	UJ	ug/m3	t	He tracer	5000 ppmV	930 ppmV

Table E-9
Qualifications Based on Helium Tracer Concentrations
Phase B Source Area Soil Gas Investigation
Tronox Facility - Henderson, Nevada

Sample ID	SDG	Method	Matrix	Analyte	Result	Qualifiers	Units	Reason	DQI	DQI Result	DQI Limit (1%*)
SG53B-05	P0801548	TO-15	GS	Tetrachloroethene	65	J	ug/m3	t	He tracer	5000 ppmV	930 ppmV
SG53B-05	P0801548	TO-15	GS	Toluene	8.4	J	ug/m3	t	He tracer	5000 ppmV	930 ppmV
SG53B-05	P0801548	TO-15	GS	trans-1,2-Dichloroethylene	0.33	UJ	ug/m3	t	He tracer	5000 ppmV	930 ppmV
SG53B-05	P0801548	TO-15	GS	trans-1,3-Dichloropropene	1.7	UJ	ug/m3	t	He tracer	5000 ppmV	930 ppmV
SG53B-05	P0801548	TO-15	GS	Trichloroethene	1.1	J	ug/m3	t	He tracer	5000 ppmV	930 ppmV
SG53B-05	P0801548	TO-15	GS	Trichlorofluoromethane	1.0	J	ug/m3	t	He tracer	5000 ppmV	930 ppmV
SG53B-05	P0801548	TO-15	GS	Vinylacetate	4.9	J	ug/m3	t	He tracer	5000 ppmV	930 ppmV
SG53B-05	P0801548	TO-15	GS	Vinylchloride	0.52	J	ug/m3	t	He tracer	5000 ppmV	930 ppmV
SG60B-05	P0801507	TO-15	GS	1,1,1-Trichloroethane	33	UJ	ug/m3	t	He tracer	1100 ppmV	760 ppmV
SG60B-05	P0801507	TO-15	GS	1,1,2,2-Tetrachloroethane	33	UJ	ug/m3	t	He tracer	1100 ppmV	760 ppmV
SG60B-05	P0801507	TO-15	GS	1,1,2-Trichloroethane	33	UJ	ug/m3	t	He tracer	1100 ppmV	760 ppmV
SG60B-05	P0801507	TO-15	GS	1,1,2-Trichlorotrifluoroethane	33	UJ	ug/m3	t	He tracer	1100 ppmV	760 ppmV
SG60B-05	P0801507	TO-15	GS	1,1-Dichloroethane	33	UJ	ug/m3	t	He tracer	1100 ppmV	760 ppmV
SG60B-05	P0801507	TO-15	GS	1,1-Dichloroethene	33	UJ	ug/m3	t	He tracer	1100 ppmV	760 ppmV
SG60B-05	P0801507	TO-15	GS	1,2,4-Trichlorobenzene	33	UJ	ug/m3	t	He tracer	1100 ppmV	760 ppmV
SG60B-05	P0801507	TO-15	GS	1,2,4-Trimethylbenzene	170	UJ	ug/m3	t	He tracer	1100 ppmV	760 ppmV
SG60B-05	P0801507	TO-15	GS	1,2-Dibromo-3-chloropropane	170	UJ	ug/m3	t	He tracer	1100 ppmV	760 ppmV
SG60B-05	P0801507	TO-15	GS	1,2-Dichlorobenzene	33	UJ	ug/m3	t	He tracer	1100 ppmV	760 ppmV
SG60B-05	P0801507	TO-15	GS	1,2-Dichloroethane	33	UJ	ug/m3	t	He tracer	1100 ppmV	760 ppmV
SG60B-05	P0801507	TO-15	GS	1,2-Dichloropropane	33	UJ	ug/m3	t	He tracer	1100 ppmV	760 ppmV
SG60B-05	P0801507	TO-15	GS	1,2-Dichlorotetrafluoroethane	170	UJ	ug/m3	t	He tracer	1100 ppmV	760 ppmV
SG60B-05	P0801507	TO-15	GS	1,3,5-Trimethylbenzene	170	UJ	ug/m3	t	He tracer	1100 ppmV	760 ppmV
SG60B-05	P0801507	TO-15	GS	1,3-Dichlorobenzene	33	UJ	ug/m3	t	He tracer	1100 ppmV	760 ppmV
SG60B-05	P0801507	TO-15	GS	1,4-Dichlorobenzene	33	UJ	ug/m3	t	He tracer	1100 ppmV	760 ppmV
SG60B-05	P0801507	TO-15	GS	1,4-Dioxane	170	UJ	ug/m3	t	He tracer	1100 ppmV	760 ppmV
SG60B-05	P0801507	TO-15	GS	2-Butanone	170	UJ	ug/m3	t	He tracer	1100 ppmV	760 ppmV
SG60B-05	P0801507	TO-15	GS	2-Hexanone	170	UJ	ug/m3	t	He tracer	1100 ppmV	760 ppmV
SG60B-05	P0801507	TO-15	GS	2-Methoxy-2-methyl-butane	170	UJ	ug/m3	t	He tracer	1100 ppmV	760 ppmV
SG60B-05	P0801507	TO-15	GS	4-Ethyltoluene	170	UJ	ug/m3	t	He tracer	1100 ppmV	760 ppmV
SG60B-05	P0801507	TO-15	GS	4-Isopropyltoluene	170	UJ	ug/m3	t	He tracer	1100 ppmV	760 ppmV
SG60B-05	P0801507	TO-15	GS	4-Methyl-2-pentanone	170	UJ	ug/m3	t	He tracer	1100 ppmV	760 ppmV
SG60B-05	P0801507	TO-15	GS	Acetone	1700	UJ	ug/m3	t	He tracer	1100 ppmV	760 ppmV
SG60B-05	P0801507	TO-15	GS	Acrylonitrile	170	UJ	ug/m3	t	He tracer	1100 ppmV	760 ppmV
SG60B-05	P0801507	TO-15	GS	Allyl chloride	33	UJ	ug/m3	t	He tracer	1100 ppmV	760 ppmV
SG60B-05	P0801507	TO-15	GS	alpha-Methylstyrene	170	UJ	ug/m3	t	He tracer	1100 ppmV	760 ppmV
SG60B-05	P0801507	TO-15	GS	Benzene	33	UJ	ug/m3	t	He tracer	1100 ppmV	760 ppmV
SG60B-05	P0801507	TO-15	GS	Benzyl Chloride	33	UJ	ug/m3	t	He tracer	1100 ppmV	760 ppmV
SG60B-05	P0801507	TO-15	GS	Bromodichloromethane	33	UJ	ug/m3	t	He tracer	1100 ppmV	760 ppmV
SG60B-05	P0801507	TO-15	GS	Bromoform	170	UJ	ug/m3	t	He tracer	1100 ppmV	760 ppmV
SG60B-05	P0801507	TO-15	GS	Bromomethane	33	UJ	ug/m3	t	He tracer	1100 ppmV	760 ppmV
SG60B-05	P0801507	TO-15	GS	Carbon disulfide	170	UJ	ug/m3	t	He tracer	1100 ppmV	760 ppmV

Table E-9
Qualifications Based on Helium Tracer Concentrations
Phase B Source Area Soil Gas Investigation
Tronox Facility - Henderson, Nevada

Sample ID	SDG	Method	Matrix	Analyte	Result	Qualifiers	Units	Reason	DQI	DQI Result	DQI Limit (1%*)
SG60B-05	P0801507	TO-15	GS	Carbon tetrachloride	52	J	ug/m3	t	He tracer	1100 ppmV	760 ppmV
SG60B-05	P0801507	TO-15	GS	Chlorobenzene	33	UJ	ug/m3	t	He tracer	1100 ppmV	760 ppmV
SG60B-05	P0801507	TO-15	GS	Chloroethane	33	UJ	ug/m3	t	He tracer	1100 ppmV	760 ppmV
SG60B-05	P0801507	TO-15	GS	Chloroform	100000	J	ug/m3	t	He tracer	1100 ppmV	760 ppmV
SG60B-05	P0801507	TO-15	GS	Chloromethane	33	UJ	ug/m3	t	He tracer	1100 ppmV	760 ppmV
SG60B-05	P0801507	TO-15	GS	cis-1,2-Dichloroethene	33	UJ	ug/m3	t	He tracer	1100 ppmV	760 ppmV
SG60B-05	P0801507	TO-15	GS	cis-1,3-Dichloropropene	170	UJ	ug/m3	t	He tracer	1100 ppmV	760 ppmV
SG60B-05	P0801507	TO-15	GS	Dibromochloromethane	33	UJ	ug/m3	t	He tracer	1100 ppmV	760 ppmV
SG60B-05	P0801507	TO-15	GS	Dichlorodifluoromethane	170	UJ	ug/m3	t	He tracer	1100 ppmV	760 ppmV
SG60B-05	P0801507	TO-15	GS	Ethanol	1700	UJ	ug/m3	t	He tracer	1100 ppmV	760 ppmV
SG60B-05	P0801507	TO-15	GS	Ethyl t-butyl ether	170	UJ	ug/m3	t	He tracer	1100 ppmV	760 ppmV
SG60B-05	P0801507	TO-15	GS	Ethylbenzene	170	UJ	ug/m3	t	He tracer	1100 ppmV	760 ppmV
SG60B-05	P0801507	TO-15	GS	Ethylene dibromide	33	UJ	ug/m3	t	He tracer	1100 ppmV	760 ppmV
SG60B-05	P0801507	TO-15	GS	Hexachlorobutadiene	33	UJ	ug/m3	t	He tracer	1100 ppmV	760 ppmV
SG60B-05	P0801507	TO-15	GS	isopropyl ether	170	UJ	ug/m3	t	He tracer	1100 ppmV	760 ppmV
SG60B-05	P0801507	TO-15	GS	Isopropylbenzene	170	UJ	ug/m3	t	He tracer	1100 ppmV	760 ppmV
SG60B-05	P0801507	TO-15	GS	m,p-Xylene	170	UJ	ug/m3	t	He tracer	1100 ppmV	760 ppmV
SG60B-05	P0801507	TO-15	GS	Methyl methacrylate	170	UJ	ug/m3	t	He tracer	1100 ppmV	760 ppmV
SG60B-05	P0801507	TO-15	GS	Methyl tert butyl ether	33	UJ	ug/m3	t	He tracer	1100 ppmV	760 ppmV
SG60B-05	P0801507	TO-15	GS	Methylene chloride	170	UJ	ug/m3	t	He tracer	1100 ppmV	760 ppmV
SG60B-05	P0801507	TO-15	GS	N-Butylbenzene	66	UJ	ug/m3	t	He tracer	1100 ppmV	760 ppmV
SG60B-05	P0801507	TO-15	GS	n-Heptane	170	UJ	ug/m3	t	He tracer	1100 ppmV	760 ppmV
SG60B-05	P0801507	TO-15	GS	n-Octane	170	UJ	ug/m3	t	He tracer	1100 ppmV	760 ppmV
SG60B-05	P0801507	TO-15	GS	N-Propylbenzene	170	UJ	ug/m3	t	He tracer	1100 ppmV	760 ppmV
SG60B-05	P0801507	TO-15	GS	Naphthalene	66	UJ	ug/m3	t	He tracer	1100 ppmV	760 ppmV
SG60B-05	P0801507	TO-15	GS	o-Xylene	170	UJ	ug/m3	t	He tracer	1100 ppmV	760 ppmV
SG60B-05	P0801507	TO-15	GS	sec-Butylbenzene	170	UJ	ug/m3	t	He tracer	1100 ppmV	760 ppmV
SG60B-05	P0801507	TO-15	GS	Styrene	170	UJ	ug/m3	t	He tracer	1100 ppmV	760 ppmV
SG60B-05	P0801507	TO-15	GS	t-Butyl alcohol	170	UJ	ug/m3	t	He tracer	1100 ppmV	760 ppmV
SG60B-05	P0801507	TO-15	GS	tert-Butylbenzene	66	UJ	ug/m3	t	He tracer	1100 ppmV	760 ppmV
SG60B-05	P0801507	TO-15	GS	Tetrachloroethene	140	J	ug/m3	t	He tracer	1100 ppmV	760 ppmV
SG60B-05	P0801507	TO-15	GS	Toluene	22	J	ug/m3	t	He tracer	1100 ppmV	760 ppmV
SG60B-05	P0801507	TO-15	GS	trans-1,2-Dichloroethylene	33	UJ	ug/m3	t	He tracer	1100 ppmV	760 ppmV
SG60B-05	P0801507	TO-15	GS	trans-1,3-Dichloropropene	170	UJ	ug/m3	t	He tracer	1100 ppmV	760 ppmV
SG60B-05	P0801507	TO-15	GS	Trichloroethene	33	UJ	ug/m3	t	He tracer	1100 ppmV	760 ppmV
SG60B-05	P0801507	TO-15	GS	Trichlorofluoromethane	190	J	ug/m3	t	He tracer	1100 ppmV	760 ppmV
SG60B-05	P0801507	TO-15	GS	Vinylacetate	1700	UJ	ug/m3	t	He tracer	1100 ppmV	760 ppmV
SG60B-05	P0801507	TO-15	GS	Vinylchloride	33	UJ	ug/m3	t	He tracer	1100 ppmV	760 ppmV
SG94B-05	P0801442	TO-15	GS	1,1,1-Trichloroethane	0.37	UJ	ug/m3	t	He tracer	1700 ppmV	650 ppmV
SG94B-05	P0801442	TO-15	GS	1,1,2,2-Tetrachloroethane	0.37	UJ	ug/m3	t	He tracer	1700 ppmV	650 ppmV
SG94B-05	P0801442	TO-15	GS	1,1,2-Trichloroethane	0.37	UJ	ug/m3	t	He tracer	1700 ppmV	650 ppmV

Table E-9
Qualifications Based on Helium Tracer Concentrations
Phase B Source Area Soil Gas Investigation
Tronox Facility - Henderson, Nevada

Sample ID	SDG	Method	Matrix	Analyte	Result	Qualifiers	Units	Reason	DQI	DQI Result	DQI Limit (1%*)
SG94B-05	P0801442	TO-15	GS	1,1,2-Trichlorotrifluoroethane	0.51	J	ug/m3	t	He tracer	1700 ppmV	650 ppmV
SG94B-05	P0801442	TO-15	GS	1,1-Dichloroethane	0.37	UJ	ug/m3	t	He tracer	1700 ppmV	650 ppmV
SG94B-05	P0801442	TO-15	GS	1,1-Dichloroethene	0.37	UJ	ug/m3	t	He tracer	1700 ppmV	650 ppmV
SG94B-05	P0801442	TO-15	GS	1,2,4-Trichlorobenzene	0.37	UJ	ug/m3	t	He tracer	1700 ppmV	650 ppmV
SG94B-05	P0801442	TO-15	GS	1,2,4-Trimethylbenzene	0.35	J	ug/m3	t	He tracer	1700 ppmV	650 ppmV
SG94B-05	P0801442	TO-15	GS	1,2-Dibromo-3-chloropropane	1.9	UJ	ug/m3	t	He tracer	1700 ppmV	650 ppmV
SG94B-05	P0801442	TO-15	GS	1,2-Dichlorobenzene	0.37	UJ	ug/m3	t	He tracer	1700 ppmV	650 ppmV
SG94B-05	P0801442	TO-15	GS	1,2-Dichloroethane	0.37	UJ	ug/m3	t	He tracer	1700 ppmV	650 ppmV
SG94B-05	P0801442	TO-15	GS	1,2-Dichloropropane	0.37	UJ	ug/m3	t	He tracer	1700 ppmV	650 ppmV
SG94B-05	P0801442	TO-15	GS	1,2-Dichlorotetrafluoroethane	1.9	UJ	ug/m3	t	He tracer	1700 ppmV	650 ppmV
SG94B-05	P0801442	TO-15	GS	1,3,5-Trimethylbenzene	1.9	UJ	ug/m3	t	He tracer	1700 ppmV	650 ppmV
SG94B-05	P0801442	TO-15	GS	1,3-Dichlorobenzene	0.37	UJ	ug/m3	t	He tracer	1700 ppmV	650 ppmV
SG94B-05	P0801442	TO-15	GS	1,4-Dichlorobenzene	2.7	J	ug/m3	t	He tracer	1700 ppmV	650 ppmV
SG94B-05	P0801442	TO-15	GS	1,4-Dioxane	1.9	UJ	ug/m3	t	He tracer	1700 ppmV	650 ppmV
SG94B-05	P0801442	TO-15	GS	2-Butanone	6.8	J	ug/m3	t	He tracer	1700 ppmV	650 ppmV
SG94B-05	P0801442	TO-15	GS	2-Hexanone	0.55	J	ug/m3	t	He tracer	1700 ppmV	650 ppmV
SG94B-05	P0801442	TO-15	GS	2-Methoxy-2-methyl-butane	1.9	UJ	ug/m3	t	He tracer	1700 ppmV	650 ppmV
SG94B-05	P0801442	TO-15	GS	4-Ethyltoluene	1.9	UJ	ug/m3	t	He tracer	1700 ppmV	650 ppmV
SG94B-05	P0801442	TO-15	GS	4-Isopropyltoluene	1.9	UJ	ug/m3	t	He tracer	1700 ppmV	650 ppmV
SG94B-05	P0801442	TO-15	GS	4-Methyl-2-pentanone	1.9	UJ	ug/m3	t	He tracer	1700 ppmV	650 ppmV
SG94B-05	P0801442	TO-15	GS	Acetone	19	UJ	ug/m3	t	He tracer	1700 ppmV	650 ppmV
SG94B-05	P0801442	TO-15	GS	Acrylonitrile	1.9	UJ	ug/m3	t	He tracer	1700 ppmV	650 ppmV
SG94B-05	P0801442	TO-15	GS	Allyl chloride	0.37	UJ	ug/m3	t	He tracer	1700 ppmV	650 ppmV
SG94B-05	P0801442	TO-15	GS	alpha-Methylstyrene	1.9	UJ	ug/m3	t	He tracer	1700 ppmV	650 ppmV
SG94B-05	P0801442	TO-15	GS	Benzene	3.6	J	ug/m3	t	He tracer	1700 ppmV	650 ppmV
SG94B-05	P0801442	TO-15	GS	Benzyl Chloride	0.37	UJ	ug/m3	t	He tracer	1700 ppmV	650 ppmV
SG94B-05	P0801442	TO-15	GS	Bromodichloromethane	0.37	UJ	ug/m3	t	He tracer	1700 ppmV	650 ppmV
SG94B-05	P0801442	TO-15	GS	Bromoform	1.9	UJ	ug/m3	t	He tracer	1700 ppmV	650 ppmV
SG94B-05	P0801442	TO-15	GS	Bromomethane	0.37	UJ	ug/m3	t	He tracer	1700 ppmV	650 ppmV
SG94B-05	P0801442	TO-15	GS	Carbon disulfide	3.2	J	ug/m3	t	He tracer	1700 ppmV	650 ppmV
SG94B-05	P0801442	TO-15	GS	Carbon tetrachloride	0.40	J	ug/m3	t	He tracer	1700 ppmV	650 ppmV
SG94B-05	P0801442	TO-15	GS	Chlorobenzene	0.37	UJ	ug/m3	t	He tracer	1700 ppmV	650 ppmV
SG94B-05	P0801442	TO-15	GS	Chloroethane	0.37	UJ	ug/m3	t	He tracer	1700 ppmV	650 ppmV
SG94B-05	P0801442	TO-15	GS	Chloroform	1.5	J	ug/m3	t	He tracer	1700 ppmV	650 ppmV
SG94B-05	P0801442	TO-15	GS	Chloromethane	0.26	J	ug/m3	t	He tracer	1700 ppmV	650 ppmV
SG94B-05	P0801442	TO-15	GS	cis-1,2-Dichloroethene	0.37	UJ	ug/m3	t	He tracer	1700 ppmV	650 ppmV
SG94B-05	P0801442	TO-15	GS	cis-1,3-Dichloropropene	1.9	UJ	ug/m3	t	He tracer	1700 ppmV	650 ppmV
SG94B-05	P0801442	TO-15	GS	Dibromochloromethane	0.37	UJ	ug/m3	t	He tracer	1700 ppmV	650 ppmV
SG94B-05	P0801442	TO-15	GS	Dichlorodifluoromethane	2.0	J	ug/m3	t	He tracer	1700 ppmV	650 ppmV
SG94B-05	P0801442	TO-15	GS	Ethanol	6.9	J	ug/m3	t	He tracer	1700 ppmV	650 ppmV
SG94B-05	P0801442	TO-15	GS	Ethyl t-butyl ether	1.9	UJ	ug/m3	t	He tracer	1700 ppmV	650 ppmV

Table E-9
Qualifications Based on Helium Tracer Concentrations
Phase B Source Area Soil Gas Investigation
Tronox Facility - Henderson, Nevada

Sample ID	SDG	Method	Matrix	Analyte	Result	Qualifiers	Units	Reason	DQI	DQI Result	DQI Limit (1%*)
SG94B-05	P0801442	TO-15	GS	Ethylbenzene	1.9	UJ	ug/m3	t	He tracer	1700 ppmV	650 ppmV
SG94B-05	P0801442	TO-15	GS	Ethylene dibromide	0.37	UJ	ug/m3	t	He tracer	1700 ppmV	650 ppmV
SG94B-05	P0801442	TO-15	GS	Hexachlorobutadiene	0.37	UJ	ug/m3	t	He tracer	1700 ppmV	650 ppmV
SG94B-05	P0801442	TO-15	GS	isopropyl ether	1.9	UJ	ug/m3	t	He tracer	1700 ppmV	650 ppmV
SG94B-05	P0801442	TO-15	GS	Isopropylbenzene	1.9	UJ	ug/m3	t	He tracer	1700 ppmV	650 ppmV
SG94B-05	P0801442	TO-15	GS	m,p-Xylene	0.51	J	ug/m3	t	He tracer	1700 ppmV	650 ppmV
SG94B-05	P0801442	TO-15	GS	Methyl methacrylate	1.9	UJ	ug/m3	t	He tracer	1700 ppmV	650 ppmV
SG94B-05	P0801442	TO-15	GS	Methyl tert butyl ether	0.37	UJ	ug/m3	t	He tracer	1700 ppmV	650 ppmV
SG94B-05	P0801442	TO-15	GS	Methylene chloride	0.34	J	ug/m3	t	He tracer	1700 ppmV	650 ppmV
SG94B-05	P0801442	TO-15	GS	N-Butylbenzene	0.74	UJ	ug/m3	t	He tracer	1700 ppmV	650 ppmV
SG94B-05	P0801442	TO-15	GS	n-Heptane	1.9	UJ	ug/m3	t	He tracer	1700 ppmV	650 ppmV
SG94B-05	P0801442	TO-15	GS	n-Octane	0.31	J	ug/m3	t	He tracer	1700 ppmV	650 ppmV
SG94B-05	P0801442	TO-15	GS	N-Propylbenzene	1.9	UJ	ug/m3	t	He tracer	1700 ppmV	650 ppmV
SG94B-05	P0801442	TO-15	GS	Naphthalene	2.6	J	ug/m3	t	He tracer	1700 ppmV	650 ppmV
SG94B-05	P0801442	TO-15	GS	o-Xylene	0.23	J	ug/m3	t	He tracer	1700 ppmV	650 ppmV
SG94B-05	P0801442	TO-15	GS	sec-Butylbenzene	1.9	UJ	ug/m3	t	He tracer	1700 ppmV	650 ppmV
SG94B-05	P0801442	TO-15	GS	Styrene	1.9	UJ	ug/m3	t	He tracer	1700 ppmV	650 ppmV
SG94B-05	P0801442	TO-15	GS	t-Butyl alcohol	0.67	J	ug/m3	t	He tracer	1700 ppmV	650 ppmV
SG94B-05	P0801442	TO-15	GS	tert-Butylbenzene	0.74	UJ	ug/m3	t	He tracer	1700 ppmV	650 ppmV
SG94B-05	P0801442	TO-15	GS	Tetrachloroethene	3.9	J	ug/m3	t	He tracer	1700 ppmV	650 ppmV
SG94B-05	P0801442	TO-15	GS	Toluene	1.7	J	ug/m3	t	He tracer	1700 ppmV	650 ppmV
SG94B-05	P0801442	TO-15	GS	trans-1,2-Dichloroethylene	0.37	UJ	ug/m3	t	He tracer	1700 ppmV	650 ppmV
SG94B-05	P0801442	TO-15	GS	trans-1,3-Dichloropropene	1.9	UJ	ug/m3	t	He tracer	1700 ppmV	650 ppmV
SG94B-05	P0801442	TO-15	GS	Trichloroethene	0.40	J	ug/m3	t	He tracer	1700 ppmV	650 ppmV
SG94B-05	P0801442	TO-15	GS	Trichlorofluoromethane	1.1	J	ug/m3	t	He tracer	1700 ppmV	650 ppmV
SG94B-05	P0801442	TO-15	GS	Vinylacetate	1.5	J	ug/m3	t	He tracer	1700 ppmV	650 ppmV
SG94B-05	P0801442	TO-15	GS	Vinylchloride	0.37	UJ	ug/m3	t	He tracer	1700 ppmV	650 ppmV
Note:											
Reason codes are defined in Table E-2											
Data qualifiers are defined in Table E-1											
* The DQI Limit is based on 1% of the concentration of helium within the surface shroud.											