

## Elevated Compound Data (Naval Vessel Fire)

These canister concentrations represent an instantaneous snapshot in time and may not represent ongoing compound exposure levels.

\*Donovan Historical Site data (Jan 2018-present)

\*\*Sherman Elementary Historical Site Data (Oct 2019 - present)

Units in parts per trillion by volume (pptv)

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Canister T009 (pptv)	Canister T076 (pptv)	Canister T046 (pptv)	Canister T049 (pptv)	Acute REL (pptv)	Chronic REL (pptv)
Sunday 7/12 at 11:02 pm	Sunday 7/12 at 8:35pm	Sunday 7/12 at 8:55pm	Sunday 7/12 at 9:39 pm		
SDSU Parking Lot	National City Site #1	National City Site #2	Elementary School		

### Compound

Compound	*Donovan Historical Site data (Jan 2018-present)				**Sherman Elementary Historical Site Data (Oct 2019 - present)				Canister T009 (pptv)		Canister T076 (pptv)		Canister T046 (pptv)		Canister T049 (pptv)	
	Mean	Median	Minimum	Maximum	Mean	Median	Minimum	Maximum	SDSU Parking Lot	National City Site #1	National City Site #2	Elementary School	Acute REL (pptv)	Chronic REL (pptv)		
Benzene	195.7	155.5	46.0	675.0	242.2	271.0	47.9	465.0	3251.0	60.6	40.1	27.2	8,000	1,000		
Chloromethane	602.7	602.0	374.0	780.0	618.4	631.0	456.4	750.0	1143.3	583.8	565.9	570.4	NA	NA		
Vinyl Chloride	6.6	4.0	0.0	36.0	13.5	12.7	2.2	35.9	34.9	1.5	1.2	1.1	70,313,000	NA		
1,3-butadiene	24.5	17.0	1.0	130.0	53.2	58.0	8.3	111.0	615.5	31.3	1.4	4.5	297,000	1,000		
Bromomethane	10.3	10.3	1.0	24.0	9.9	8.8	3.0	35.9	29.2	9.0	7.7	7.5	1,000,000	1,000		
Chloroethane	8.2	7.0	1.0	33.0	7.9	7.0	2.0	21.2	86.6	5.4	4.9	6.6	NA	11,364,000		
Acrolein	108.2	103.0	32.0	255.0	182.0	186.0	91.7	315.0	366.5	63.2	87.1	85.4	1,100	150		
Acetonitrile	125.4	119.0	59.0	297.0	116.2	116.0	71.0	177.0	612.2	111.1	94.3	185.8	NA	NA		
Isoprene	13.1	5.6	1.0	115.0	85.2	63.1	6.5	325.0	104.5	33.4	19.8	150.3	NA	NA		
Acrylonitrile	7.2	6.0	1.0	27.0	7.7	6.5	1.0	19.4	166.7	6.2	8.7	8.6	NA	2,000		
Vinyl Acetate	6.0	2.0	0.0	58.0	15.4	5.0	0.6	73.0	27.3	1.9	1.5	0.5	NA	50,000		
Toluene	376.2	276.5	32.0	1727.0	399.6	431.0	71.6	836.0	1049.2	98.7	82.8	42.3	9,867,000	70,000		
Methyl Methacrylate	7.5	6.0	0.0	32.0	8.5	8.0	1.1	21.7	428.9	1.6	1.3	2.0	NA	NA		
Chlorobenzene	5.5	3.0	-12.0	20.0	4.5	1.2	-11.0	18.3	23.1	0.0	0.0	0.0	NA	NA		
Ethylbenzene	73.7	59.5	8.0	314.0	83.0	85.0	18.0	207.0	237.9	27.4	17.6	12.2	NA	400,000		
m,p-xylene	213.0	164.5	18.0	935.0	269.6	265.0	56.3	700.0	205.4	114.0	73.5	46.2	5,069,000	200,000		
Styrene	121.0	47.5	3.0	837.0	37.7	40.0	8.6	72.0	528.0	21.7	11.0	11.0	500,000	200,000		
Naphthalene	22.1	17.0	1.6	189.0	27.4	25.0	10.3	48.0	329.3	10.4	16.5	14.4	NA	2,000		

Comments: \*Existing site located in Otay Mesa, included for reference.

\*\*Existing site located in Sherman Heights near downtown San Diego, included for reference.

Manelo parking lot on 2nd and	Napa Autoparts parking lot	24th and Island
SDSU Parking lot # 2 College Ave and Zura Way; definite odor of smoke	Highland in National City (mostly empty lot, only one other car); slight odor of	(empty lot) on 18th and Highland; no detectable odor
		near Sherman Elementary School; no detectable odor

Elevated Compound Data (Naval Vessel Fire)

The grab sample concentrations represent an instantaneous snapshot in time and may not represent ongoing compound exposure levels. Canisters T050 and T064 were filled over a 5 hour period to capture a longer, integrated time period.

\*Donovan Historical Site data (Jan 2018-present)

\*\*Sherman Elementary Historical Site Data (Oct 2019 - present)

Canister T007	Canister T016	Canister T030	Canister T066	Canister T048	Canister T070	Canister T047	Canister T064	Canister T034	Acute REL (pptv)	Chronic REL (pptv)
Tuesday, 7/14/2020 at 12:00 pm	Tuesday, 7/14/2020 at 1:07 PM	Tuesday, 7/14/2020 from 10:10 AM - 3:10 PM	Wednesday, 7/15/2020 at 11:24 AM	Wednesday, 7/15/2020 at 11:30 AM	Wednesday, 7/15/2020 at 11:45 AM	Wednesday, 7/15/2020 at 11:53 AM	Wednesday, 7/15/2020 from 11:45 AM - 4:45 PM	Thursday, 7/16/2020 at 10:25 AM		

Units in parts per trillion by volume (pptv)

Units in parts per trillion by volume (pptv)

Compound

Compound	Donovan Historical Site Data (Jan 2018-present)				Sherman Elementary Historical Site Data (Oct 2019 - present)				Adjacent to NASSCO parking lot	Perkins Elementary School	Chicano Park	Pier 2 of Naval Base	Adjacent to NASSCO parking lot	Balboa Elementary School	Cesar Chavez Elementary School	Spring Valley Fire Station	47 E 6th St. in National City	Acute REL (pptv)	Chronic REL (pptv)
	Mean	Median	Minimum	Maximum	Mean	Median	Minimum	Maximum											
chloromethane	602.7	602.0	374.0	780.0	618.4	631.0	456.4	750.0	663.0	553.2	545.2	722.4	578.8	532.9	571.0	548.7	553.6	NA	NA
bromomethane (methyl bromide)	10.3	10.3	1.0	24.0	9.9	8.8	3.0	35.5	11.0	9.3	8.5	12.4	11.7	10.3	10.7	7.2	10.5	1,000,000	1,000
chloroethane	8.2	7.0	1.0	33.0	7.9	7.0	2.0	21.2	18.7	14.9	6.1	21.6	2.9	8.0	11.4	10.2	6.9	NA	11,364,000
acetonitrile	125.4	119.0	59.0	297.0	116.2	116.0	71.0	177.0	112.3	77.6	76.4	244.8	89.5	75.7	99.6	88.4	85.5	NA	NA
isoprene	13.1	5.6	1.0	115.0	85.2	63.1	6.5	325.0	68.8	4.1	79.5	21.2	10.4	123.9	217.9	237.0	117.7	NA	NA
1,1-dichloroethane	1.9	1.0	0.0	18.0	3.8	2.0	0.0	24.6	10.6	6.4	8.4	4.4	7.4	8.5	4.1	6.5	19.1	NA	20,000
acrylonitrile	7.2	6.0	1.0	27.0	7.7	6.5	1.0	19.4	8.3	6.3	19.5	72.8	0.5	0.0	4.1	0.1	0.0	NA	2,000
1,1-dichloroethane	5.1	4.0	0.0	21.0	4.6	3.0	0.9	20.7	6.5	3.5	5.3	20.0	3.1	12.5	7.9	10.7	2.3	NA	NA
2-butanone (MEK)	256.3	221.9	2.3	718.0	385.7	315.0	1.8	951.0	96.7	159.3	320.0	124.4	143.8	1615.2	174.1	330.5	104.2	4,422,000	NA
tetrachloroethane	84.3	83.4	69.0	107.0	79.2	79.0	70.0	99.1	79.9	83.0	82.2	111.2	75.2	78.4	86.8	80.8	82.0	302,000	6,000
benzene	195.7	155.5	46.0	675.0	242.2	271.0	47.9	405.0	200.7	51.6	93.5	652.8	68.2	42.7	137.4	79.6	38.1	8,000	1,000
1,2-dichloropropane	5.6	4.0	0.0	23.0	8.2	9.0	0.0	24.3	5.4	2.5	2.8	18.8	4.5	1.0	4.5	1.4	3.7	NA	NA
trichloroethylene	21.6	14.0	1.0	141.0	8.3	8.0	0.9	21.6	7.9	10.5	4.6	29.6	3.5	2.3	6.4	2.7	2.2	NA	581,000
methyl methacrylate	7.5	6.0	0.0	32.0	8.5	8.0	1.1	21.7	59.7	2.3	1.4	62.8	1.6	1.6	6.3	2.6	1.0	NA	NA
4-methyl-2-pentanone	60.6	53.7	14.0	289.0	38.9	37.4	22.4	57.0	43.5	43.0	78.0	55.6	14.8	13.8	16.3	22.6	19.4	NA	NA
1,2-dibromoethane	4.2	2.4	0.0	22.0	7.8	6.0	1.4	19.5	3.9	2.5	3.3	18.8	3.9	2.9	3.4	3.1	2.6	NA	100
tetrachloroethylene	13.3	11.0	0.0	161.2	12.6	12.0	0.7	27.0	6.6	0.8	1.8	47.2	6.8	2.9	15.1	5.6	0.0	2,950,000	50,000
chlorobenzene	5.5	3.0	-12.0	20.0	4.5	1.2	-11.0	18.3	3.6	2.0	1.0	38.0	0.1	0.0	9.2	1.1	0.0	NA	NA
styrene	121.0	47.5	3.0	837.0	37.7	40.0	8.6	72.0	29.1	9.1	15.6	172.4	9.3	12.9	21.6	7.2	11.7	500,000	200,000
1,3,5-trimethylbenzene	21.2	17.5	4.0	80.0	35.1	37.0	9.6	85.9	13.8	8.8	20.4	65.6	9.7	19.3	14.8	11.0	12.3	NA	NA
m-dichlorobenzene	10.5	10.0	1.0	45.0	15.4	16.0	5.6	23.5	8.4	6.3	7.4	29.6	6.0	6.4	8.3	6.3	5.8	NA	NA
benzyl chloride	5.1	5.0	1.0	15.0	7.8	7.5	3.3	21.5	7.7	3.9	3.6	15.2	3.5	3.9	4.3	3.5	3.3	46,000	NA
o-dichlorobenzene	6.7	6.0	1.0	17.0	11.9	13.0	5.6	19.4	12.4	8.9	7.7	53.6	7.8	6.3	9.1	5.9	6.9	NA	NA
1,2,4-trichlorobenzene	12.7	11.0	1.0	52.0	14.0	12.1	2.7	48.0	10.9	11.2	15.2	35.6	13.0	7.2	16.5	18.0	13.4	NA	NA
naphthalene	22.1	17.0	1.6	189.0	27.4	25.0	10.3	48.0	20.6	12.8	34.6	56.4	9.7	13.7	9.9	7.5	12.3	NA	2,000
hexachloro-1,3-butadiene	6.3	7.0	1.0	16.0	8.8	8.0	5.7	26.1	6.1	6.6	7.8	30.8	7.1	6.2	8.8	6.9	7.2	NA	NA

Comments:

\*Existing site located in Otay Mesa, included for reference.

\*\*Existing site located in Sherman Heights near downtown San Diego, included for reference.

3341 South 32nd St. adjacent to NASSCO parking lot; mild winds (5-15 mph) from west/NW; odor ranged from distinct to very strong; grab sample

Perkins Elementary School 1770 Main St.; low winds (0-5 mph) from west/NW; no odor detected; grab sample

Chicano Park; 5 hour sample

Pier 2 of Naval Base; strong odor; visible smoke; grab sample

Harbor Dr. adjacent to 3341 Norman Scott Rd. (NASSCO parking lot); distinct odor of burning; grab sample

Balboa Elementary School S 39th St. and Eta St.; strong winds from direction of Pier 2; grab sample

38th and Beta St. near Cesar Chavez Elementary School; low winds 3-5 mph; faint odor of burning; grab sample

Spring Valley Fire Station # 16 905 Gillespie Dr.; 5 hour sample

47 E 6th St. National City, CA; no odor detected; moderate winds from South; grab sample