Analyte	CAS.NO	Units	Item	Residential Air Screening Level	Val	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
					Zone	Denka DU	Denka DU	Denka DW	Denka DW	Fourchon	Fourchon	Fourchon	Fourchon	Irish Channel	Irish Channel	Marathon DU	Marathon DU	Marathon DW	Marathon DW	Norco DU	Norco DU	Norco DW
					Locations	DU-20210910	DU-20210914	DD-20210910	DD-20210914	FC-20210910	FC-20210912	FC-20210913	IC-20210910	IC-20210914	MU-20210910	MU-20210914	MD-20210910	MD-20210914	NU-20210910	NU-20210914	ND-20210910
					Sample ID	IDA-DU-20210910-A1	IDA-DU-20210914-A1	IDA-DD-20210910-A1	IDA-DD-20210914-A1	IDA-PF-20210910-A1	IDA-PF-20210911-A2	IDA-PF-20210913-A1	IDA-IC-20210910-A1	IDA-IC-20210914-A1	IDA-MU-20210910-A1	IDA-MU-20210914-A1	IDA-MD-20210910-A1	IDA-MD-20210914-A1	IDA-NU-20210910-A1	IDA-NU-20210914-A1	IDA-ND-20210910-A1
					Date	9/11/2021	9/15/2021	9/11/2021	9/15/2021	9/11/2021	9/12/2021	9/13/2021	9/14/2021	9/11/2021	9/15/2021	9/11/2021	9/15/2021	9/11/2021	9/15/2021	9/11/2021	9/15/2021	9/11/2021
					Lab	ERG	ERG	ERG	ERG	ERG	ERG	ERG	ERG	ERG	ERG	ERG	ERG	ERG	ERG	ERG	ERG	ERG
					Type	FS	FS	FS	FS	FS	FS	FS	FS	FS	FS	FS	FS	FS	FS	FS	FS	FS
TO-15																						
1,1,1-Trichloroethane	71-55-6	ug/m3	1	5210	--	0.0392 UJ	0.0392 UJ	0.0392 UJ	0.0392 UJ	0.0392 UJ	0.0392 UJ	0.0392 UJ	0.0392 UJ	0.0392 UJ	0.0392 UJ	0.0392 UJ	0.0392 UJ	0.0392 UJ	0.0392 UJ	0.0392 UJ	0.0392 UJ	0.0392 UJ
1,1,2,2-Tetrachloroethane	79-34-5	ug/m3	2	12.6	--	0.108 UJ	0.108 UJ	0.108 UJ	0.108 UJ	0.108 UJ	0.108 UJ	0.108 UJ	0.108 UJ	0.108 UJ	0.108 UJ	0.108 UJ	0.108 UJ	0.108 UJ	0.108 UJ	0.108 UJ	0.108 UJ	0.108 UJ
1,1,2-Trichloroethane	79-00-5	ug/m3	3	11.4	--	0.0589 UJ	0.0589 UJ	0.0589 UJ	0.0589 UJ	0.0589 UJ	0.0589 UJ	0.0589 UJ	0.0589 UJ	0.0589 UJ	0.0589 UJ	0.0589 UJ	0.0589 UJ	0.0589 UJ	0.0589 UJ	0.0589 UJ	0.0589 UJ	0.0589 UJ
1,1,2-Trichlorotrifluoroethane	76-13-1	ug/m3	4	52100	--	**0.558 J**	**0.528 J**	**0.561 J**	**0.557 J**	**0.528 J**	**0.565 J**	**0.536 J**	**0.537 J**	**0.563 J**	**0.577 J**	**0.547 J**	**0.518 J**	**0.535 J**	**0.532 J**	**0.535 J**	**0.659 J**	**0.544 J**
1,1-Dichloroethane	75-34-3	ug/m3	5	456	--	0.0287 UJ	0.0287 UJ	0.0287 UJ	0.0287 UJ	0.0287 UJ	0.0287 UJ	0.0287 UJ	0.0287 UJ	0.0287 UJ	0.0287 UJ	0.0287 UJ	0.0287 UJ	0.0287 UJ	0.0287 UJ	0.0287 UJ	0.0287 UJ	0.0287 UJ
1,1-Dichloroethene	75-35-4	ug/m3	6	209	--	0.0346 UJ	0.0346 UJ	0.0346 UJ	0.0346 UJ	0.0346 UJ	0.0346 UJ	0.0346 UJ	0.0346 UJ	0.0346 UJ	0.0346 UJ	0.0346 UJ	0.0346 UJ	0.0346 UJ	0.0346 UJ	0.0346 UJ	0.0346 UJ	0.0346 UJ
1,2,4-Trichlorobenzene	120-82-1	ug/m3	7	20.9	--	0.509 UJ	0.509 UJ	0.509 UJ	0.509 UJ	0.509 UJ	0.509 UJ	0.509 UJ	0.509 UJ	0.509 UJ	0.509 UJ	0.509 UJ	0.509 UJ	0.509 UJ	0.509 UJ	0.509 UJ	0.509 UJ	0.509 UJ
1,2,4-Trimethylbenzene	95-63-6	ug/m3	8	209	--	**1.06 J**	**0.197 J**	**0.496 J**	**0.164 J**	**0.262 J**	**0.222 J**	**0.233 J**	**0.167 J**	**0.811 J**	**0.352 J**	**0.511 J**	**0.204 J**	**1.29 J**	**0.879 J**	**0.344 J**	**0.166 J**	**1.54 J**
1,2-Dibromoethane	106-93-4	ug/m3	9	1.22	--	0.118 UJ	0.118 UJ	0.118 UJ	0.118 UJ	0.118 UJ	0.118 UJ	0.118 UJ	0.118 UJ	0.118 UJ	0.118 UJ	0.118 UJ	0.118 UJ	0.118 UJ	0.118 UJ	0.118 UJ	0.118 UJ	0.118 UJ
1,2-Dichlorobenzene	95-50-1	ug/m3	10	2090	--	0.0991 UJ	0.0991 UJ	0.0991 UJ	0.0991 UJ	0.0991 UJ	0.0991 UJ	0.0991 UJ	0.0991 UJ	0.0991 UJ	0.0991 UJ	0.0991 UJ	0.0991 UJ	0.0991 UJ	0.0991 UJ	0.0991 UJ	0.0991 UJ	0.0991 UJ
1,2-Dichloroethane	107-06-2	ug/m3	11	28.1	--	0.0293 UJ	0.0293 UJ	0.0293 UJ	0.0293 UJ	0.0293 UJ	0.0293 UJ	0.0293 UJ	0.0293 UJ	0.0293 UJ	0.0293 UJ	0.0293 UJ	0.0293 UJ	0.0293 UJ	0.0293 UJ	0.0293 UJ	0.0293 UJ	0.0293 UJ
1,2-Dichloropropane	78-87-5	ug/m3	12	4.17	--	0.0392 UJ	0.0392 UJ	0.0392 UJ	0.0392 UJ	0.0392 UJ	0.0392 UJ	0.0392 UJ	0.0392 UJ	0.0392 UJ	0.0392 UJ	0.0392 UJ	0.0392 UJ	0.0392 UJ	0.0392 UJ	0.0392 UJ	0.0392 UJ	0.0392 UJ
1,2-Dichlorotetrafluoroethane	76-14-2	ug/m3	13		--	**0.0852 J**	**0.122 J**	**0.129 J**	**0.133 J**	**0.129 J**	**0.128 J**	**0.108 J**	**0.115 J**	**0.129 J**	**0.132 J**	**0.131 J**	**0.105 J**	**0.133 J**	**0.11 J**	**0.119 J**	**0.171 J**	**0.128 J**
1,3,5-Trimethylbenzene	108-67-8	ug/m3	14	209	--	**0.312 J**	0.0737 UJ	**0.146 J**	0.0737 UJ	**0.0875 J**	0.0737 UJ	0.0737 UJ	0.0737 UJ	**0.244 J**	**0.11 J**	**0.148 J**	0.0737 UJ	**0.375 J**	**0.289 J**	**0.149 J**	**0.0855 J**	**0.48 J**
1,3-Butadiene	106-99-0	ug/m3	15	2.09	--	**0.321 J**	**0.0491 J**	**1.75 J**	**0.0809 J**	0.0365 UJ	0.0365 UJ	0.0365 UJ	**0.0444 J**	**0.116 J**	**0.635 J**	**0.112 J**	**0.0537 J**	**0.418 J**	**0.183 J**	**0.0643 J**	**0.0418 J**	**1.27 J**
1,3-Dichlorobenzene	541-73-1	ug/m3	16		--	0.0949 UJ	0.0949 UJ	0.0949 UJ	0.0949 UJ	0.0949 UJ	0.0949 UJ	0.0949 UJ	0.0949 UJ	0.0949 UJ	0.0949 UJ	0.0949 UJ	0.0949 UJ	0.0949 UJ	0.0949 UJ	0.0949 UJ	0.0949 UJ	0.0949 UJ
1,4-Dichlorobenzene	106-46-7	ug/m3	17	66.4	--	**0.117 J**	0.0901 UJ	0.0901 UJ	0.0901 UJ	0.0901 UJ	0.0901 UJ	0.0901 UJ	0.0901 UJ	**0.135 J**	0.0901 UJ	0.0901 UJ	0.0901 UJ	**0.0991 J**	0.0901 UJ	0.0901 UJ	0.0901 UJ	0.0901 UJ
1,4-Dioxane (a)	123-91-1	ug/m3	18	146	--	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC
2,2,4-Trimethylpentane (a)	540-84-1	ug/m3	19		--	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC
2-Butanone (MEK) (a)	78-93-3	ug/m3	20	1040	--	**0.6 J(TIC)**	NRATIC	**0.6 J(TIC)**	NRATIC	**0.9 J(TIC)**	**0.3 J(TIC)**	NRATIC	**0.3 J(TIC)**	**0.9 J(TIC)**	**0.3 J(TIC)**	NRATIC	NRATIC	**0.9 J(TIC)**	NRATIC	**0.3 J(TIC)**	**0.3 J(TIC)**	NRATIC
2-Chlorotoluene (a)	95-49-8	ug/m3	21	834	--	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC
2-propanol (a)	67-63-0	ug/m3	22	7300	--	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC
4-Ethyltoluene (a)	622-96-8	ug/m3	23		--	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/m3	24	834	--	**0.0729 J**	**0.113 J**	**0.215 J**	**0.154 J**	**0.288 J**	**0.0872 J**	0.0422 UJ	**0.0794 J**	**0.274 J**	**0.116 J**	**0.302**	**0.095 J**	**0.155 J**	**0.22 J**	**0.145 J**	0.0308 UJ	**0.197 J**
Acetone (a)	67-64-1	ug/m3	25	32200	--	NRATIC	**2.9 J(TIC)**	NRATIC	**2.6 J(TIC)**	**4.3 J(TIC)**	**3.6 J(TIC)**	**1.9 J(TIC)**	**1.9 J(TIC)**	**7.4 J(TIC)**	**1.9 J(TIC)**	NRATIC	**2.4 J(TIC)**	NRATIC	NRATIC	NRATIC	**3.6 J(TIC)**	NRATIC
Acetonitrile	75-05-8	ug/m3	26	521	--	**0.248 J**	**0.225 J**	**0.255 J**	**0.253 J**	**0.284 J**	**0.284 J**	**0.161 J**	0.0881 UJ	**0.31 J**	**0.25 J**	**0.133 J**	**0.235 J**	**0.273 J**	**0.24 J**	**0.248 J**	**0.255 J**	**0.337 J**
Acrylonitrile	107-13-1	ug/m3	27	2.09	--	0.0371 UJ	0.0371 UJ	0.0371 UJ	0.0371 UJ	0.0371 UJ	0.0371 UJ	0.0371 UJ	0.0371 UJ	0.0371 UJ	0.0371 UJ	0.0371 UJ	0.0371 UJ	0.0371 UJ	0.0371 UJ	0.0371 UJ	**0.492 J**	0.0371 UJ
Allyl Chloride (a)	107-05-1	ug/m3	28	10.4	--	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC
Benzene	71-43-2	ug/m3	29	83.4	--	**2.72 J**	**0.358 J**	**1.32 J**	**0.293 J**	**0.238 J**	**0.15 J**	**0.154 J**	**0.141 J**	**0.983 J**	**0.296 J**	**0.881 J**	**0.358 J**	**2.84 J**	**0.814 J**	**1.17 J**	**0.383 J**	**6.93 J**
Benzyl Chloride (a)	100-44-7	ug/m3	30	4.17	--	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC
Bromodichloromethane	75-27-4	ug/m3	31	19.7	--	0.0625 UJ	0.0625 UJ	0.0625 UJ	0.0625 UJ	0.0625 UJ	0.0625 UJ	0.0625 UJ	0.0625 UJ	0.0625 UJ	0.0625 UJ	0.0625 UJ	0.0625 UJ	0.0625 UJ	0.0625 UJ	0.0625 UJ	0.0625 UJ	0.0625 UJ
Bromoform	75-25-2	ug/m3	32	664	--	0.14 UJ	0.14 UJ	0.14 UJ	0.14 UJ	0.14 UJ	0.14 UJ	0.14 UJ	0.14 UJ	0.14 UJ	0.14 UJ	0.14 UJ	0.14 UJ	0.14 UJ	0.14 UJ	0.14 UJ	0.14 UJ	0.14 UJ
Bromomethane	74-83-9	ug/m3	33	104	--	0.0392 UJ	**0.0431 J**	**0.0489 J**	0.0392 UJ	**0.0442 J**	0.0392 UJ	0.0392 UJ	0.0392 UJ	0.0392 UJ	0.0392 UJ	**0.0485 J**	0.0392 UJ	0.0392 UJ	0.0392 UJ	**0.04 J**	**0.0516 J**	0.0392 UJ
Carbon Disulfide	75-15-0	ug/m3	34	730	--	**0.168 J**	**0.111 J**	**0.28 J**	**0.0697 J**	**0.141 J**	0.0591 UJ	0.0591 UJ	0.0591 UJ	**0.164 J**	0.0591 UJ	**0.174 J**	0.0591 UJ	**0.15 J**	0.0591 UJ	**0.16 J**	**0.0728 J**	**0.51 J**
Carbon Tetrachloride	56-23-5	ug/m3	35	122	--	**0.492 J**	**0.454 J**	**0.488 J**	**0.44 J**	**0.478 J**	**0.49 J**	**0.434 J**	**0.45 J**	**0.386 J**	**0.507 J**	**0.479 J**	**0.45 J**	**0.377 J**	**0.477 J**	**0.443 J**	**0.512 J**	**0.491 J**
Chlorobenzene	108-90-7	ug/m3	36	521	--	0.0607 UJ	0.0607 UJ	0.0607 UJ	0.0607 UJ	0.0607 UJ	0.0607 UJ	0.0607 UJ	0.0607 UJ	0.0607 UJ	0.0607 UJ	0.0607 UJ	0.0607 UJ	0.0607 UJ	0.0607 UJ	0.0607 UJ	0.0607 UJ	0.0607 UJ
Chloroethane	75-00-3	ug/m3	37	4170	--	0.0279 UJ	0.0279 UJ	0.0279 UJ	0.0279 UJ	0.0279 UJ	0.0279 UJ	0.0279 UJ	0.0279 UJ	0.0279 UJ	0.0279 UJ	0.0279 UJ	0.0279 UJ	0.0279 UJ	0.0279 UJ	0.0279 UJ	0.0279 UJ	0.0279 UJ
Chloroform	67-66-3	ug/m3	38	31.7	--	**0.3 J**	**0.062 J**	**0.195 J**	**0.0732 J**	**0.081 J**	**0.0522 J**	**0.0478 J**	**0.0454 J**	**0.222 J**	**0.0693 J**	**0.189 J**	**0.0615 J**	**0.14 J**	**0.062 J**	**0.137 J**	**0.101 J**	**0.157 J**
Chloromethane	74-87-3	ug/m3	39	3130	--	**0.898 J**	**1.45 J**	**1.52 J**	**1.5 J**	**1.29 J**	**1.49 J**	**0.894 J**	**1.39 J**	**1.36 J**	**1.57 J**	**1.71 J**	**1.34 J**	**1.54 J**	**1.43 J**	**1.81 J**	**1.41 J**	**1.38 J**
cis-1,2-Dichloroethene	156-59-2	ug/m3	40		--	0.0776 UJ	0.0776 UJ	0.0776 UJ	0.0776 UJ	0.0776 UJ	0.0776 UJ	0.0776 UJ	0.0776 UJ	0.0776 UJ	0.0776 UJ	0.0776 UJ	0.0776 UJ	0.0776 UJ	0.0776 UJ	0.0776 UJ	0.0776 UJ	0.0776 UJ
cis-1,3-Dichloropropene	10061-01-5	ug/m3	41		--	0.0306 UJ	0.0306 UJ	0.0306 UJ	0.0306 UJ	0.0306 UJ	0.0306 UJ	0.0306 UJ	0.0306 UJ	0.0306 UJ	0.0306 UJ	0.0306 UJ	0.0306 UJ	0.0306 UJ	0.0306 UJ	0.0306 UJ	0.0306 UJ	0.0306 UJ
Cyclohexane (a)	110-82-7	ug/m3	42	18800	--	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC	**0.7 J(TIC)**	NRATIC	**2.1 J(TIC)**
Dibromochloromethane	124-48-1	ug/m3	43		--	0.122 UJ	0.122 UJ	0.122 UJ	0.122 UJ	0.122 UJ	0.122 UJ	0.122 UJ	0.122 UJ	0.122 UJ	0.122 UJ	0.122 UJ	0.122 UJ	0.122 UJ	0.122 UJ	0.122 UJ	0.122 UJ	0.122 UJ
Dichlorodifluoromethane	75-71-8	ug/m3	44	1040	--	**1.46 J**	**2.37 J**	**2.4 J**	**2.43 J**	**2.4 J**	**2.37 J**	**2.15 J**	**2.51 J**	**2.44 J**	**2.56 J**	**2.4 J**	**2.18 J**	**2.42 J**	**2.43 J**	**2.32 J**	**2.85 J**	**2.38 J**
Ethanol (a)	64-17-5	ug/m3	45		--	NRATIC	**0.2 J(TIC)**	**0.8 J(TIC)**	**0.2 J(TIC)**	**0.6 J(TIC)**	NRATIC	NRATIC	NRATIC	**0.8 J(TIC)**	**0.2 J(TIC)**	NRATIC	**0.2 J(TIC)**	**0.8 J(TIC)**	NRATIC	**0.6 J(TIC)**	NRATIC	NRATIC
Ethyl acetate (a)	141-78-6	ug/m3	46	730	--	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC
Ethyl tert-Butyl Ether	637-92-3	ug/m3	47		--	0.0416 UJ	0.0416 UJ	0.0416 UJ	0.0416 UJ	0.0416 UJ	0.0416 UJ	0.0416 UJ	0.0416 UJ	0.0416 UJ	0.0416 UJ	0.0416 UJ	0.0416 UJ	0.0416 UJ	0.0416 UJ	0.0416 UJ	0.0416 UJ	0.0416 UJ
Ethylbenzene	100-41-4	ug/m3	48	292	--	**0.851 J**	**0.139 J**	**0.386 J**	**0.12 J**	**0.264 J**	**0.137 J**	**0.129 J**	**0.103 J**	**0.599 J**	**0.206 J**	**0.464 J**	**0.175 J**	**0.903 J**	**0.699 J**	**0.266 J**	**0.148 J**	**0.916 J**
Heptane (a)	142-82-5	ug/m3	49	4170	--	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC	**0.8 J(TIC)**	**1.2 J(TIC)**	**0.8 J(TIC)**	NRATIC	**3.3 J(TIC)**
Hexachloro-1,3-butadiene	87-68-3	ug/m3	50	33.2	--	0.2 UJ	0.2 UJ	0.2 UJ	0.2 UJ	0.2 UJ	0.2 UJ	0.2 UJ	0.2 UJ	0.2 UJ	0.2 UJ	0.2 UJ	0.2 UJ	0.2 UJ	0.2 UJ	0.2 UJ	0.2 UJ	0.2 UJ
Isopropylbenzene (a)	98-82-8	ug/m3	51	93.9	--	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC
m&p-Xylene	1330-20-7	ug/m3	52	417	--	**2.54 J**	**0.425 J**	**1.19 J**	**0.374 J**	**0.885 J**	**0.564 J**	**0.434 J**	**0.345 J**	**1.99 J**	**0.629 J**	**1.51 J**	**0.616 J**	**3.09 J**	**2.06 J**	**1.08 J**	**0.499 J**	**3.3 J**
Methyl Butyl Ketone (a)	591-78-6	ug/m3	53	31.3	--	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC
Methyl Methacrylate	80-62-6	ug/m3	54	730	--	0.142 UJ	0.142 UJ	0.142 UJ	0.142 UJ	0.142 UJ	0.142 UJ	0.142 UJ	0.142 UJ	0.142 UJ	0.142 UJ	0.142 UJ	0.142 UJ	0.142 UJ	0.142 UJ	0.142 UJ	**0.355 J**	0.142 UJ
Methylene Chloride	75-09-2	ug/m3	55	1010	--	**0.364 J**	0.358 UJ	**0.403 J**	0.358 UJ	0.358 UJ	0.358 UJ	0.358 UJ	0.358 UJ	**0.458 J**	0.358 UJ	0.358 UJ	0.358 UJ	**0.399 J**	0.358 UJ	**0.371 J**	0.358 UJ	**0.385 J**
MTBE	1634-04-4	ug/m3	56	2630	--	0.0331 UJ	0.0331 UJ	0.0331 UJ	0.0331 UJ	0.0331 UJ	0.0331 UJ	0.0331 UJ	0.0331 UJ	0.0331 UJ	0.0331 UJ	0.0331 UJ	0.0331 UJ	0.0331 UJ	0.0331 UJ	0.0331 UJ	0.0331 UJ	0.0331 UJ
Naphthalene (a)	91-20-3	ug/m3	57	3.13	--	**1.1 J(TIC)**	**0.5 J(TIC)**	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC	**1.1 J(TIC)**	NRATIC	NRATIC	NRATIC	NRATIC
n-Hexane (a)	110-54-3	ug/m3	58	2090	--	**1.8 J(TIC)**	**0.4 J(TIC)**	**1.1 J(TIC)**	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC	**0.7 J(TIC)**	NRATIC	NRATIC	NRATIC	**2.8 J(TIC)**	**1.8 J(TIC)**	NRATIC	NRATIC	**12 J(TIC)**
n-Octane	111-65-9	ug/m3	59		--	**0.311 J**	**0.163 J**	**0.169 J**	**0.142 J**	**0.197 J**	**0.193 J**	**0.131 J**	**0.236 J**	**0.334 J**	**0.208 J**	**0.208 J**	**0.139 J**	**1.2 J**	**3.38 J**	**0.556 J**	**0.227 J**	**2.07 J**
o-Xylene	95-47-6	ug/m3	60	104	--	**1.17 J**	**0.212 J**	**0.568 J**	**0.191 J**	**0.362 J**	**0.279 J**	**0.178 J**	**0.174 J**	**0.916 J**	**0.309 J**	**0.66 J**	**0.28 J**	**1.41 J**	**0.989 J**	**0.495 J**	**0.225 J**	**1.41 J**
Propene	115-07-1	ug/m3	61	3130	--	**1.04 J**	**0.439 J**	**1.09 J**	**0.351 J**	0.224 UJ	0.224 UJ	**0.406 J**	**0.272 J**	**0.741 J**	**0.645 J**	**1.47 J**	**0.337 J**	**6.47 J**	**6.9 J**	**0.593 J**	**0.375 J**	**6.88 J**
Styrene	100-42-5	ug/m3	62	3130	--	**0.502 J**	**0.149 J**	**0.248 J**	**0.131 J**	0.0698 UJ	0.0698 UJ	0.0698 UJ	0.0698 UJ	**0.117 J**	**0.147 J**	**0.389 J**	**0.1 J**	**0.309 J**	**0.146 J**	**0.297 J**	**0.278 J**	**0.364 J**
tert-Amyl Methyl Ether	994-05-8	ug/m3	63		--	0.0601 UJ	0.0601 UJ	0.0601 UJ	0.0601 UJ	0.0601 UJ	0.0601 UJ	0.0601 UJ	0.0601 UJ	0.0601 UJ	0.0601 UJ	0.0601 UJ	0.0601 UJ	0.0601 UJ	0.0601 UJ	0.0601 UJ	0.0601 UJ	0.0601 UJ
Tetrachloroethylene	127-18-4	ug/m3	64	42.4	--	**0.251 J**	**0.169 J**	**0.373 J**	**0.186 J**	**0.228 J**	**0.142 J**	0.125 UJ	**0.184 J**	**0.413 J**	**0.221 J**	**0.292 J**	**0.173 J**	**0.291 J**	**0.162 J**	**0.333 J**	**0.167 J**	**0.307 J**
Tetrahydrofuran (a)	109-99-9	ug/m3	65	2090	--	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC
Toluene	108-88-3	ug/m3	66	5210	--	**11.6 J**	**1.07 J**	**8.91 J**	**1.18 J**	**0.767 J**	**0.446 J**	**0.468 J**	**0.338 J**	**4.19 J**	**1.55 J**	**11.3 J**	**1.29 J**	**8.88 J**	**3.44 J**	**3.57 J**	**0.959 J**	**8.23 J**
trans-1,2-Dichloroethene	156-60-5	ug/m3	67	827	--	0.0281 UJ	0.0281 UJ	0.0281 UJ	0.0281 UJ	0.0281 UJ	0.0281 UJ	0.0281 UJ	0.0281 UJ	0.0281 UJ	0.0281 UJ	0.0281 UJ	0.0281 UJ	0.0281 UJ	0.0281 UJ	0.0281 UJ	**0.0305 J**	**0.255 J**
trans-1,3-Dichloropropene	10061-02-6	ug/m3	68		--	0.0721 UJ	0.0721 UJ	0.0721 UJ	0.0721 UJ	0.0721 UJ	0.0721 UJ	0.0721 UJ	0.0721 UJ	0.0721 UJ	0.0721 UJ	0.0721 UJ	0.0721 UJ	0.0721 UJ	0.0721 UJ	0.0721 UJ	0.0721 UJ	0.0721 UJ
Trichloroethylene	79-01-6	ug/m3	69	2.24	--	0.0784 UJ	0.0784 UJ	0.0784 UJ	0.0784 UJ	0.0784 UJ	0.0784 UJ	0.0784 UJ	0.0784 UJ	0.0784 UJ	0.0784 UJ	0.0784 UJ	0.0784 UJ	0.0784 UJ	**0.145 J**	0.0784 UJ	**0.0838 J**	**0.0999 J**
Trichlorofluoromethane	75-69-4	ug/m3	70	1040	--	**1.16 J**	**1.22 J**	**1.3 J**	**1.3 J**	**1.2 J**	**1.27 J**	**1.16 J**	**0.921 J**	**1.34 J**	**1.33 J**	**0.882 J**	**1.16 J**	**1.24 J**	**1.23 J**	**1.22 J**	**1.52 J**	**1.27 J**
Vinyl Acetate (a)	108-05-4	ug/m3	71	36.7	--	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC
Vinyl Bromide (a)	593-60-2	ug/m3	72	48.7	--	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC	NRATIC
Vinyl chloride	75-01-4	ug/m3	73	2.24	--	0.022 UJ	0.022 UJ	0.022 UJ	0.022 UJ	0.022 UJ	0.022 UJ	0.022 UJ	0.022 UJ	0.022 UJ	0.022 UJ	0.022 UJ	0.022 UJ	0.022 UJ	0.022 UJ	0.022 UJ	0.022 UJ	0.022 UJ

Notes:

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BOLD results are detections

RSL = The Residential Air Screening Levels (RSLs) are risk-based concentrations derived using standardized equations which combine the latest EPA toxicity data with exposure assumptions appropriate for hurricane response monitoring. Note: Air screening levels could not be derived for chemicals that do not have toxicity values.

ug/m3 = Micrograms per cubic meter
U = Not detected above sample detection limit

J = The value is an estimated quantity. The associated numerical value is the approximate concentration of the analyte/compound in the sample. J qualifiers are also applied when the reported value is above the MDL and below the associated Reporting Limit.

UJ = The analyte/compound was analyzed for, but was not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise.
NRATIC = Not reported by Laboratory as Tentatively Identified Compound
(TIC) = Tentatively Identified Compound

90104302

USEPA REGION 6

1091420_1091528_1091618

Analyte	CAS.NO	Units	Item	Residential Air Screening Level	Val	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
					Zone	Denka DU	Denka DU	Denka DW	Denka DW	Fourchon	Fourchon	Fourchon	Fourchon	Irish Channel	Irish Channel	Marathon DU	Marathon DU	Marathon DW	Marathon DW	Norco DU	Norco DU	Norco DW
					Locations	DU-20210910	DU-20210914	DD-20210910	DD-20210914	FC-20210910	FC-20210911	FC-20210912	FC-20210913	IC-20210910	IC-20210914	MU-20210910	MU-20210914	MD-20210910	MD-20210914	NU-20210910	NU-20210914	ND-20210910
					Sample ID	IDA-DU-20210910-A1	IDA-DU-20210914-A1	IDA-DD-20210910-A1	IDA-DD-20210914-A1	IDA-PF-20210910-A1	IDA-PF-20210911-A2	IDA-PF-20210912-A1	IDA-PF-20210913-A1	IDA-IC-20210910-A1	IDA-IC-20210914-A1	IDA-MU-20210910-A1	IDA-MU-20210914-A1	IDA-MD-20210910-A1	IDA-MD-20210914-A1	IDA-NU-20210910-A1	IDA-NU-20210914-A1	IDA-ND-20210910-A1
					Date	9/11/2021	9/15/2021	9/11/2021	9/15/2021	9/11/2021	9/12/2021	9/13/2021	9/14/2021	9/11/2021	9/15/2021	9/11/2021	9/15/2021	9/11/2021	9/15/2021	9/11/2021	9/15/2021	9/11/2021
					Lab	ERG	ERG	ERG	ERG	ERG	ERG	ERG	ERG	ERG	ERG	ERG	ERG	ERG	ERG	ERG	ERG	ERG
					Type	FS	FS	FS	FS	FS	FS	FS	FS	FS	FS	FS	FS	FS	FS	FS	FS	FS
TO-15 Additional Analytes and TICs																						
1,1-difluoroethane	75-37-6	ug/m3		41700	--		**6.5 J(TIC)**		**10.5 J(TIC)**						**1.6 J(TIC)**						**24.6 J(TIC)**	
1-Pentene	109-67-1	ug/m3			--										**0.3 J(TIC)**							
2,3-dimethylbutane	79-29-8	ug/m3			--													**0.7 J(TIC)**				
2-Butene	107-01-7	ug/m3			--																**0.2 J(TIC)**	
2-methyl-1-Propene	115-11-7	ug/m3			--			**0.5 J(TIC)**											**1.4 J(TIC)**			**1.2 J(TIC)**
2-methyl-Butane	78-78-4	ug/m3			--	**13 J(TIC)**												**15 J(TIC)**	**7.4 J(TIC)**	**8.3 J(TIC)**		**39.2 J(TIC)**
2-methyl-Heptane	592-27-8	ug/m3			--														**1.4 J(TIC)**			
2-methyl-Pentane	107-83-5	ug/m3			--	**3.7 J(TIC)**		**2.3 J(TIC)**		**0.5 J(TIC)**					**0.5 J(TIC)**			**4.7 J(TIC)**	**2.3 J(TIC)**		**0.9 J(TIC)**	**12.3 J(TIC)**
3-methyl-Pentane	96-14-0	ug/m3			--													**2.3 J(TIC)**	**1.4 J(TIC)**			**7 J(TIC)**
4-methyl-heptane	589-53-7	ug/m3			--																	**3.7 J(TIC)**
Acetaldehyde	75-07-0	ug/m3		9.39	--	**0.7 J(TIC)**	**0.7 J(TIC)**	**0.7 J(TIC)**	**0.9 J(TIC)**	**0.9 J(TIC)**	**0.9 J(TIC)**	**0.5 J(TIC)**	**0.7 J(TIC)**	**1.1 J(TIC)**	**0.9 J(TIC)**	**0.9 J(TIC)**	**0.4 J(TIC)**	**0.9 J(TIC)**	**0.5 J(TIC)**	**0.9 J(TIC)**	**1.4 J(TIC)**	**1.1 J(TIC)**
Acetophenone	98-86-2	ug/m3			--	**3.4 J(TIC)**	**1 J(TIC)**		**0.5 J(TIC)**					**3 J(TIC)**			**0.5 J(TIC)**			**1.5 J(TIC)**		**4.4 J(TIC)**
Acetylene	74-86-2	ug/m3			--	**2.98 J**	**0.308 J**	**2.98 J**	**0.221 J**	**0.262 J**	0.117 UJ	0.117 UJ	**0.175 J**	**2.76 J**	**0.204 J**	**2.08 J**	**0.582 J**	**5.92 J**	**0.361 J**	**0.965 J**	**0.233 J**	**5.74 J**
alpha-Methylstyrene	98-83-9	ug/m3			--	**1 J(TIC)**																
alpha-Pinene	80-56-8	ug/m3			--	**1.7 J(TIC)**														**1.7 J(TIC)**		
Bromochloromethane	74-97-5	ug/m3		104	--	0.0603 UJ	0.0603 UJ	0.0603 UJ	0.0603 UJ	0.0603 UJ	0.0603 UJ	0.0603 UJ	0.0603 UJ	0.0603 UJ	0.0603 UJ	0.0603 UJ	0.0603 UJ	0.0603 UJ	0.0603 UJ	0.0603 UJ	0.0603 UJ	0.0603 UJ
Butanal	123-72-8	ug/m3			--	**0.9 J(TIC)**	**0.3 J(TIC)**	**0.6 J(TIC)**	**0.6 J(TIC)**	**0.9 J(TIC)**	**0.3 J(TIC)**		**0.6 J(TIC)**	**0.9 J(TIC)**	**0.6 J(TIC)**			**0.6 J(TIC)**	**0.9 J(TIC)**	**0.6 J(TIC)**	**0.9 J(TIC)**	
Butane	106-97-8	ug/m3			--	**2.4 J(TIC)**	**0.7 J(TIC)**	**2.1 J(TIC)**	**0.7 J(TIC)**	**0.2 J(TIC)**		**0.2 J(TIC)**		**1.2 J(TIC)**	**0.5 J(TIC)**	**1.9 J(TIC)**	**0.5 J(TIC)**	**5.2 J(TIC)**	**3.6 J(TIC)**	**2.9 J(TIC)**	**0.5 J(TIC)**	**32.8 J(TIC)**
Carbonyl Sulfide	463-58-1	ug/m3		1040	--		**0.2 J(TIC)**		**0.2 J(TIC)**	**0.2 J(TIC)**		**0.2 J(TIC)**	**0.2 J(TIC)**		**0.2 J(TIC)**		**0.2 J(TIC)**					
Chloroprene	126-99-8	ug/m3		2.43	--	0.0619 UJ	0.0619 UJ	**1.3 J**	0.0619 UJ	0.0619 UJ	0.0619 UJ	0.0619 UJ	0.0619 UJ	0.0619 UJ	0.0619 UJ	0.0619 UJ	0.0619 UJ	0.0619 UJ	0.0619 UJ	0.0619 UJ	0.0619 UJ	0.0619 UJ
Cyclopentane	287-92-3	ug/m3			--																	**1.7 J(TIC)**
Cyclopropane	75-19-4	ug/m3			--	**0.3 J(TIC)**	**0.2 J(TIC)**		**0.3 J(TIC)**								**0.2 J(TIC)**					
Difluorochloromethane	75-45-6	ug/m3		52100	--		**0.4 J(TIC)**		**0.4 J(TIC)**				**1.1 J(TIC)**		**0.4 J(TIC)**		**0.4 J(TIC)**					
Ethyl Acrylate	140-88-5	ug/m3		8.34	--	0.0528 UJ	0.0528 UJ	0.0528 UJ	0.0528 UJ	0.0528 UJ	0.0528 UJ	0.0528 UJ	0.0528 UJ	0.0528 UJ	0.0528 UJ	0.0528 UJ	0.0528 UJ	0.0528 UJ	0.0528 UJ	0.0528 UJ	0.0528 UJ	0.0528 UJ
Hexanal	66-25-1	ug/m3			--				**0.4 J(TIC)**	**0.8 J(TIC)**											**0.4 J(TIC)**	
Isobutane	75-28-5	ug/m3			--			**1 J(TIC)**						**1 J(TIC)**	**0.5 J(TIC)**	**0.5 J(TIC)**		**2.1 J(TIC)**	**2.4 J(TIC)**	**3.1 J(TIC)**	**0.5 J(TIC)**	**16.6 J(TIC)**
Isoprene	78-79-5	ug/m3			--															**0.3 J(TIC)**		
Methacrolein	78-85-3	ug/m3			--													**0.6 J(TIC)**				
Methylcyclohexane	108-87-2	ug/m3			--														**1.2 J(TIC)**		**0.4 J(TIC)**	
Methylcyclopentane	96-37-7	ug/m3			--	**1.4 J(TIC)**													**1.4 J(TIC)**	**1 J(TIC)**	**0.3 J(TIC)**	
Methylpentane	107-83-5	ug/m3			--														**0.7 J(TIC)**			
Nonane	111-84-2	ug/m3		209	--														**1.6 J(TIC)**			
Pentanal	110-62-3	ug/m3			--		**0.4 J(TIC)**			**0.7 J(TIC)**			**0.4 J(TIC)**									
Pentane	109-66-0	ug/m3		10400	--	**7.7 J(TIC)**	**0.6 J(TIC)**	**12.7 J(TIC)**	**0.9 J(TIC)**	**8.6 J(TIC)**		**0.3 J(TIC)**		**8.3 J(TIC)**	**0.9 J(TIC)**				**3 J(TIC)**	**8 J(TIC)**		**32.7 J(TIC)**
Pentane (2)	109-66-0	ug/m3		10400	--									**1.2 J(TIC)**						**1.5 J(TIC)**		
Propane	74-98-6	ug/m3			--	**0.9 J(TIC)**	**0.4 J(TIC)**	**0.5 J(TIC)**	**0.2 J(TIC)**					**0.5 J(TIC)**	**0.5 J(TIC)**		**0.5 J(TIC)**	**0.9 J(TIC)**	**1.3 J(TIC)**	**1.8 J(TIC)**	**0.4 J(TIC)**	**8.8 J(TIC)**

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