

HUFF & HUFF INC.		Maximum Allowable Concentration	MAC within a MSA County	MAC within Chicago corporate limits	MAC within a populated area in a MSA excluding Chicago	MAC within a populated area in a non-MSA county	MAC outside a populated area	H6-1 (0-2)	H6-2 (2-4)	H6-4 (0-2)	H6-5 (2-4)	H6-7 (0-2)	H6-9 (2-4)	H6-10 (0-2)
Huntley Balligen								11/20/2017	11/20/2017	11/20/2017	11/20/2017	11/20/2017	11/20/2017	11/20/2017
Date of Sample Collection:	Time of Sample Collection:							11:30 AM	11:35 AM	11:38 AM	11:40 AM	11:50 AM	11:54 AM	11:59 AM
First Environmental Lab. Numbers:								17-6453-001	17-6453-002	17-6453-003	17-6453-004	17-6453-005	17-6453-006	17-6453-007

Contaminants of Concern:

Volatile Organic Compounds (5035A/8260B)

Date Analyzed:	Units	RDL						11/28/2017		11/28/2017		11/28/2017	
Acetone	mg/kg	0.2	25					<0.2		<0.2		<0.2	
Benzene	mg/kg	0.005	0.03					<0.005		<0.005		<0.005	
Bromodichloromethane	mg/kg	0.005	0.6					<0.005		<0.005		<0.005	
Bromoform	mg/kg	0.005	0.8					<0.005		<0.005		<0.005	
Bromomethane	mg/kg	0.01	0.2					<0.01		<0.01		<0.01	
2-Butanone (MEK)	mg/kg	0.1	17					<0.1		<0.1		<0.1	
Carbon disulfide	mg/kg	0.005	9					<0.005		<0.005		<0.005	
Carbon tetrachloride	mg/kg	0.005	0.07					<0.005		<0.005		<0.005	
Chlorobenzene	mg/kg	0.005	1					<0.005		<0.005		<0.005	
Chlorodibromomethane	mg/kg	0.005	0.4					<0.005		<0.005		<0.005	
Chloroform	mg/kg	0.005	0.3					<0.005		<0.005		<0.005	
1,1-Dichloroethane	mg/kg	0.005	23					<0.005		<0.005		<0.005	
1,2-Dichloroethane	mg/kg	0.005	0.02					<0.005		<0.005		<0.005	
1,1-Dichloroethene	mg/kg	0.005	0.06					<0.005		<0.005		<0.005	
cis-1,2-Dichloroethene	mg/kg	0.005	0.4					<0.005		<0.005		<0.005	
trans-1,2-Dichloroethene	mg/kg	0.005	0.7					<0.005		<0.005		<0.005	
1,2-Dichloropropane	mg/kg	0.005	0.03					<0.005		<0.005		<0.005	
cis-1,3-Dichloropropene	mg/kg	0.004	0.005					<0.004		<0.004		<0.004	
trans-1,3-Dichloropropene	mg/kg	0.004	0.005					<0.004		<0.004		<0.004	
Ethylbenzene	mg/kg	0.005	13					<0.005		<0.005		<0.005	
Methyl-tert-butylether (MTBE)	mg/kg	0.005	0.32					<0.005		<0.005		<0.005	
Methylene chloride	mg/kg	0.02	0.02					<0.02		<0.02		<0.02	
Styrene	mg/kg	0.005	4					<0.005		<0.005		<0.005	
Tetrachloroethene	mg/kg	0.005	0.06					<0.005		<0.005		<0.005	
Toluene	mg/kg	0.005	12					<0.005		<0.005		<0.005	
1,1,1-Trichloroethane	mg/kg	0.005	2					<0.005		<0.005		<0.005	
1,1,2-Trichloroethane	mg/kg	0.005	0.02					<0.005		<0.005		<0.005	
Trichloroethene	mg/kg	0.005	0.06					<0.005		<0.005		<0.005	
Vinyl acetate	mg/kg	0.01	10					<0.01		<0.01		<0.01	
Vinyl chloride	mg/kg	0.01	0.01					<0.01		<0.01		<0.01	
Xylene, Total	mg/kg	0.005	5.6					<0.005		<0.005		<0.005	

Semi-Volatile Compounds (8270C)

Date Analyzed:	Units	RDL						11/28/2017		11/28/2017		11/28/2017	
Acenaphthene	mg/kg	0.33	570					<0.33		<0.33		<0.33	
Acenaphthylene	mg/kg	0.33	85					<0.33		<0.33		2.81	
Anthracene	mg/kg	0.33	12000					<0.33		<0.33		4.59	
Benzo(a)anthracene	mg/kg	0.33			1.1	1.8	0.9	0.9	<0.33	<0.33		10.9	
Benzo(a)pyrene	mg/kg	0.09			1.3	2.1	0.98	0.09	<0.09	<0.09		9.66	
Benzo(b)fluoranthene	mg/kg	0.33			1.5	2.1	0.9	0.9	<0.33	<0.33		7.99	
Benzo(k)fluoranthene	mg/kg	0.33	9						<0.33	<0.33		10.7	
Benzo(ghi)perylene	mg/kg	0.33	2300						<0.33	<0.33		5.39	
Benzoic acid	mg/kg	0.33	400						<0.33	<0.33		<0.33	
bis(2-Chloroethyl)ether	mg/kg	0.33	0.66						<0.33	<0.33		<0.33	
bis(2-Ethylhexyl)phthalate	mg/kg	0.33	46						<0.33	<0.33		<0.33	
Butyl benzyl phthalate	mg/kg	0.33	930						<0.33	<0.33		<0.33	
Carbazole	mg/kg	0.33	0.6						<0.33	<0.33		1.7	
4-Chloroaniline	mg/kg	0.33	0.7						<0.33	<0.33		<0.33	
2-Chlorophenol	mg/kg	0.33	1.5						<0.33	<0.33		<0.33	
Chrysene	mg/kg	0.33	88						<0.33	<0.33		10.5	
Dibenzo(a,h)anthracene	mg/kg	0.09			0.2	0.42	0.15	0.09	<0.09	<0.09		1.91	
1,2-Dichlorobenzene	mg/kg	0.33	17						<0.33	<0.33		<0.33	
1,4-Dichlorobenzene	mg/kg	0.33	2						<0.33	<0.33		<0.33	
3,3'-Dichlorobenzidine	mg/kg	0.66	1.3						<0.66	<0.66		<0.66	
2,4-Dichlorophenol	mg/kg	0.33	0.48						<0.33	<0.33		<0.33	
Diethyl phthalate	mg/kg	0.33	470						<0.33	<0.33		<0.33	
2,4-Dimethylphenol	mg/kg	0.33	9						<0.33	<0.33		<0.33	
Di-n-butyl phthalate	mg/kg	0.33	2300						<0.33	<0.33		<0.33	
2,4-Dinitrophenol	mg/kg	1.6	3.3						<1.6	<1.6		<1.6	
2,4-Dinitrotoluene	mg/kg	0.25	0.25						<0.25	<0.25		<0.25	
2,6-Dinitrotoluene	mg/kg	0.26	0.26						<0.26	<0.26		<0.26	
Di-n-octylphthalate	mg/kg	0.33	1600						<0.33	<0.33		<0.33	
Fluoranthene	mg/kg	0.33	3100						<0.33	<0.33		24.9	
Fluorene	mg/kg	0.33	560						<0.33	<0.33		2.21	
Hexachlorobenzene	mg/kg	0.33	0.4						<0.33	<0.33		<0.33	
Hexachlorocyclopentadiene	mg/kg	0.33	1.1						<0.33	<0.33		<0.33	
Hexachloroethane	mg/kg	0.33	0.5						<0.33	<0.33		<0.33	
Indeno(1,2,3-cd)pyrene	mg/kg	0.33			0.9	1.6	0.9	0.9	<0.33	<0.33		6.04	
Isophorone	mg/kg	0.33	8						<0.33	<0.33		<0.33	
2-Methylphenol	mg/kg	0.33	15						<0.33	<0.33		<0.33	
Naphthalene	mg/kg	0.33	1.8						<0.33	<0.33		<0.33	
Nitrobenzene	mg/kg	0.26	0.26						<0.26	<0.26		<0.26	
n-Nitrosodi-n-propylamine	mg/kg	0.09	0.0018						<0.09	<0.09		<0.09	
n-Nitrosodiphenylamine	mg/kg	0.33	1						<0.33	<0.33		<0.33	
Pentachlorophenol	mg/kg	0.33	0.02						<0.33	<0.33		<0.33	
Phenanthrene	mg/kg	0.33	210						<0.33	<0.33		23.2	
Phenol	mg/kg	0.33	100						<0.33	<0.33		<0.33	
Pyrene	mg/kg	0.33	2300						<0.33	<0.33		18.3	
1,2,4-Trichlorobenzene	mg/kg	0.33	5						<0.33	<0.33		<0.33	
2,4,5-Trichlorophenol	mg/kg	0.33	26						<0.33	<0.33		<0.33	
2,4,6-Trichlorophenol	mg/kg	0.33	0.66						<0.33	<0.33		<0.33	

Total Metals (6010C)

Date Analyzed:	Units	RDL						11/28/2017		11/28/2017		11/28/2017	
Arsenic	mg/kg	1						4.8		3.4		4.3	
Barium	mg/kg	0.5	1500					107		95.4		55.5	
Cadmium	mg/kg	0.5	5.2					<0.5		<0.5		<0.5	
Chromium	mg/kg	0.5	21					13.7		12.3		13.6	
Lead	mg/kg	0.5	107					20		16.7		20.4	
Selenium	mg/kg	1	1.3					<1.0		<1.0		<1.0	
Silver	mg/kg	0.2	4.4					0.4		0.4		0.4	

Total Mercury (7471B)

Date Analyzed:	Units	RDL						11/29/2017		11/29/2017		11/29/2017	
Mercury	mg/kg	0.05	0.89					<0.05		<0.05		<0.05	

pH @ 25°C, 1:2 (9045D)

Date Analyzed:	Units	RDL						11/22/2017	11/22/2017	11/22/2017	11/22/2017	11/22/2017	11/22/2017	11/22/2017
pH @ 25°C, 1:2	Units		6.25-9.00					8.18	8.06	7.8	7.77	7.71	8.25	8.19