



TEST REPORT

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Report Number: 2295-19087 Project No.: 31718

Report Issued: March 18, 2019

Report To: ASSE International

Tested for: Bella Vie Water, LLC
232Y2 Vista Grande DR. #A
Laguna Hills, CA 92653
Contact: Mitchell Phan

Source of Samples: The samples were shipped to IAPMO R&T Lab from Bella Vie Water, LLC and received in good condition on November 08, 2018.

Date of Evaluation: February 19, 2019 to March 18, 2019

Location of testing: IAPMO R&T Lab, 5001 East Philadelphia St, Ontario, CA 91761

Sample Description: Model EWPHAI AF

Scope of Evaluation: The purpose of this testing was to determine if the Bella Vie Water, LLC Model EWPHAI AF met the requirements of NSF/ANSI NSF 42-2016, Section 4

Conclusion: **Samples tested of the Bella Vie Water, LLC Model EWPHAI AF complied with NSF/ANSI 42-2016, section 4 following the recommended tests and protocol as described in Addendum to the Initial Toxicological Evaluation of Filter Model EWPHAI AF for Bella Vie Water LLC**

Evaluated/Tested by,

Lin Nguyen, Senior Chemist/ Supervisor

Reviewed by,

Michael N. Briggs, Director, Analytical Lab

Primary Standards: NSF/ANSI 42-2016, Section 4

Section 4: Materials:

Sample Preparation:

The upper tank was fill full and disposed the first batch of exposure water (according to the manufacture instruction). One (1) sample with media and one (1) sample without metdia were exposed to exposure water for metals and organic evaluation

Conditioning and Exposure

Conditioning and exposure were conducted as described in NSF/ANSI 42-2016, section 4.2.3. The samples were exposed to extraction water for conditioning and exposure for metal and organic evaluations.

Normalization

Normalized Concentration = Lab Concentration

Extraction Water

The extraction water was prepared as described in NSF/ANSI 42-2016, section 4.2.2

Collection/preservation of extraction water

Immediately following the exposure period, extraction waters collected for analysis were poured into previously prepared sample containers for storage until analysis, as specified in annex B, Section B.6 and Table B8.

Extracts for metal analysis were acidified with nitric acid as specified in EPA protocols.

Samples for volatile organic contaminants were preserved with sodium thiosulfate and HCl as outlined in EPA 524.2 protocol.

Samples for semi-volatile organic contaminants were preserved with sodium thiosulfate sulfuric acid as described in EPA 525.2 and SW-846 protocol.

Evaluation of Contaminant Concentrations

Metal and organic contaminants, were determined as single point determinations. The normalized results were compared to MCL, TAC, or action level as applicable.

Analytical methodology

- | | |
|--------------------------------|---|
| Metal determinations: | EPA 200.8, Metal determinations by iCAPQ ICP/MS |
| Volatile organic contaminants: | EPA 524.2, Volatile organic determinations by Purge and Trap, GCMS |
| Semi-volatile contaminants: | EPA 525.2 SW-846 8270, Semi-volatile organic determinations by liquid/liquid extraction followed by GC/MS determinations. |

Analytical Instrumentation

Metal determinations: Thermo Electron iCAP Q ICP/MS

Volatile organic determinations: Thermo Electron ISQ 7000 GC/MS with Tekmar Lumin/Aquatek Purge and Trap system.

Semi-volatile organic determinations: Thermo Electron ISQ 7000 GC/MS with AI/AS1310 auto sampler

Discussion:

Testing was performed to the testing suggestions reported in the Initial Toxicological Evaluation of Filter Model EWPHAIAF for BellaVie Water LLC (Project File #W-11310).

To verify the compliance of the samples, regulated metal and organics were monitored on appropriate water.

Metal Evaluation for system with media:

Metal	MCL (ug/L)	Analytical Data (ug/L)	Static Normalized (ug/L)	Test Methods
Aluminum	9000	41.787	41.787	EPA 200.8
Antimony	6	ND (< 0.064)	ND (< 0.064)	EPA 200.8
Arsenic	10	ND (< 0.092)	ND (< 0.092)	EPA 200.8
Barium	2000	ND (< 0.163)	ND (< 0.163)	EPA 200.8
Beryllium	4	ND (< 0.209)	ND (< 0.209)	EPA 200.8
Bismuth	100	ND (< 0.050)	ND (< 0.050)	EPA 200.8
Cadmium	5	ND (< 0.084)	ND (< 0.084)	EPA 200.8
Chromium	20	ND (< 0.061)	ND (< 0.061)	EPA 200.8
Copper	1300 (AL)	ND (< 0.304)	ND (< 0.304)	EPA 200.8
Manganese	300	ND (< 0.186)	ND (< 0.186)	EPA 200.8
Mercury	2	ND (< 0.111)	ND (< 0.111)	EPA 200.8
Nickel	100 (TAC)	ND (< 0.088)	ND (< 0.088)	EPA 200.8
Selenium	50	ND (< 0.435)	ND (< 0.435)	EPA 200.8
Silver	100	ND (< 0.077)	ND (< 0.077)	EPA 200.8
Strontium	4000	30.524	30.524	EPA 200.8
Thallium	2	ND (< 0.027)	ND (< 0.027)	EPA 200.8
Tin	4000	ND (< 0.110)	ND (< 0.110)	EPA 200.8
Zinc	3000 (TAC)	1.496	1.496	EPA 200.8
Lead	10 (AL)	ND (< 0.028)	ND (< 0.028)	EPA 200.8

Metal Evaluation for system without media

Metal	MCL (ug/L)	Analytical Data (ug/L)	Static Normalized (ug/L)	Test Methods
Aluminum	9000	ND (< 0.968)	ND (< 0.968)	EPA 200.8
Antimony	6	ND (< 0.064)	ND (< 0.064)	EPA 200.8
Arsenic	10	ND (< 0.092)	ND (< 0.092)	EPA 200.8
Barium	2000	ND (< 0.163)	ND (< 0.163)	EPA 200.8
Beryllium	4	ND (< 0.209)	ND (< 0.209)	EPA 200.8
Bismuth	100	ND (< 0.050)	ND (< 0.050)	EPA 200.8
Cadmium	5	ND (< 0.084)	ND (< 0.084)	EPA 200.8
Chromium	20	ND (< 0.061)	ND (< 0.061)	EPA 200.8
Copper	1300 (AL)	ND (< 0.304)	ND (< 0.304)	EPA 200.8
Manganese	300	ND (< 0.186)	ND (< 0.186)	EPA 200.8
Mercury	2	ND (< 0.111)	ND (< 0.111)	EPA 200.8
Nickel	100 (TAC)	ND (< 0.088)	ND (< 0.088)	EPA 200.8
Selenium	50	ND (< 0.435)	ND (< 0.435)	EPA 200.8
Silver	100	ND (< 0.077)	ND (< 0.077)	EPA 200.8
Strontium	4000	ND (< 0.174)	ND (< 0.174)	EPA 200.8
Thallium	2	ND (< 0.027)	ND (< 0.027)	EPA 200.8
Tin	4000	ND (< 0.110)	ND (< 0.110)	EPA 200.8
Zinc	3000 (TAC)	ND (< 0.394)	ND (< 0.394)	EPA 200.8
Lead	10 (AL)	ND (< 0.028)	ND (< 0.028)	EPA 200.8

Test Result of Organic with Media:

Target Analyte	Test Method EPA 524.2	Result	Normalized
Volatile Organic Compounds:	C.A.S Number	(ug/L)	Result (ug/L)
Difluorodichloromethane	75-71-8	ND < 0.3	ND < 0.3000
Chloromethane	74-87-3	ND < 0.2	ND < 0.2000
Vinylchloride	75-01-4	ND < 0.2	ND < 0.2000
1,3-Butadiene	106-99-0	ND < 0.3	ND < 0.3000
Bromomethane	74-83-9	ND < 0.3	ND < 0.3000
Chloroethane	75-00-3	ND < 2.0	ND < 2.0000
Trichlorofluoromethane	75-69-4	ND < 0.3	ND < 0.3000
1,1-Dichloro-1-fluorethane	1717-00-6	ND < 0.3	ND < 0.3000
1,1-Dichloroethene	75-35-4	ND < 0.3	ND < 0.3000
Acetone	67-64-1	ND < 5.0	ND < 5.0000
Carbon disulfide	75-15-0	ND < 0.3	ND < 0.3000
Dichloromethane	75-09-2	ND < 0.2	ND < 0.2000
t-Butanol	75-65-0	ND < 6.0	ND < 6.0000
trans-1,2-Dichloroethene	156-60-5	ND < 0.3	ND < 0.3000
Methyl Tert Butyl Ether	1634-04-4	ND < 0.3	ND < 0.3000
1,1-Dichloroethane	75-34-3	ND < 0.3	ND < 0.3000
Chloroprene	126-99-8	ND < 0.3	ND < 0.3000
Vinyl Acetate	108-05-4	ND < 0.3	ND < 0.3000
2,2-Dichloropropane	594-20-7	ND < 0.3	ND < 0.3000
cis-1,2-Dichloroethene	156-59-2	ND < 0.3	ND < 0.3000
2-Butanone	78-93-3	ND < 0.3	ND < 0.3000
Methyl Acrylate	96-33-3	ND < 0.3	ND < 0.3000
Bromochloromethane	74-97-5	ND < 0.3	ND < 0.3000
Tetrahydrofuran	109-99-9	ND < 0.3	ND < 0.3000
Chloroform	67-66-3	ND < 0.1	ND < 0.1000
1,1,1-Trichloroethane	71-55-6	ND < 0.3	ND < 0.3000
Carbon tetrachloride	56-23-5	ND < 0.3	ND < 0.3000
1,1-Dichloropropene	563-58-3	ND < 0.3	ND < 0.3000
Benzene	71-43-2	ND < 0.3	ND < 0.3000
1,2-Dichloroethane	107-06-2	ND < 0.3	ND < 0.3000
isopropylacetate	108-21-4	ND < 0.3	ND < 0.3000
Trichloroethene	79-01-6	ND < 0.3	ND < 0.3000
Ethyl-acrylate	140-88-5	ND < 0.1	ND < 0.1000
1,2-Dichloropropane	78-87-5	ND < 0.2	ND < 0.2000
Dibromomethane	74-95-3	ND < 0.3	ND < 0.3000
Methyl Methacrylate	80-62-6	ND < 0.2	ND < 0.2000
Bromodichloromethane	75-27-4	ND < 0.1	ND < 0.1000
cis-1,3-Dichloropropene	10061-01-5	ND < 0.1	ND < 0.1000
4-methyl-2-pentanone	108-10-1	ND < 0.3	ND < 0.3000
Toluene	108-88-3	ND < 0.3	ND < 0.3000
trans-1,3-Dichloropropene	10061-02-6	ND < 0.1	ND < 0.1000
Ethyl Methacrylate	97-63-2	ND < 0.3	ND < 0.3000

Test Result of Organic with Media:

Target Analyte	Test Method	Result	Normalized
Volatile Organic Compounds:	EPA 524.2	(ug/L)	Result (ug/L)
Tetrachloroethylene	127-18-4	ND < 0.3	ND < 0.3000
1,1,2-Trichloroethane	79-00-5	ND < 0.2	ND < 0.2000
1,3-Dichloropropane	142-28-9	ND < 0.3	ND < 0.3000
Dibromochloromethane	124-48-1	ND < 0.3	ND < 0.3000
Butyl-acetate	123-86-4	ND < 0.2	ND < 0.2000
1,2-Dibromoethane	106-93-4	ND < 0.2	ND < 0.2000
Chlorobenzene	108-90-7	ND < 0.3	ND < 0.3000
Ethylbenzene	100-41-4	ND < 0.3	ND < 0.3000
1,1,1,2-Tetrachloroethane	630-20-6	ND < 0.3	ND < 0.3000
m,p-Xylene	108-38-3/106-42-3	ND < 0.3	ND < 0.3000
o-Xylene	95-47-6	ND < 0.3	ND < 0.3000
Styrene	100-42-5	ND < 0.3	ND < 0.3000
n-Butyl acrylate	141-32-2	ND < 0.3	ND < 0.3000
Tribromomethane	75-25-2	ND < 0.1	ND < 0.1000
Isopropylbenzene	98-82-8	ND < 0.3	ND < 0.3000
Cyclohexanone	108-94-1	ND < 20.0	ND < 20.0000
Bromobenzene	108-86-1	ND < 0.3	ND < 0.3000
1,1,2,2-Tetrachloroethane	79-34-5	ND < 0.3	ND < 0.3000
propylbenzene	103-65-1	ND < 0.3	ND < 0.3000
1,2,3-Trichloropropane	96-18-4	ND < 0.3	ND < 0.3000
2-Chlorotoluene	95-49-8	ND < 0.3	ND < 0.3000
1,3,5-Trimethylbenzene	108-67-8	ND < 0.3	ND < 0.3000
4-Chlorotoluene	106-43-4	ND < 0.3	ND < 0.3000
tert-Butylbenzene	98-06-6	ND < 0.3	ND < 0.3000
1,2,4-Trimethylbenzene	95-63-6	ND < 0.3	ND < 0.3000
sec-Butylbenzene	135-98-8	ND < 0.3	ND < 0.3000
1,3-Dichlorobenzene	541-73-1	ND < 0.3	ND < 0.3000
bis(2-chloroethyl)ether	111-44-4	ND < 0.3	ND < 0.3000
p-Isopropyltoluene	99-87-6	ND < 0.3	ND < 0.3000
1,4-Dichlorobenzene	106-46-7	ND < 0.3	ND < 0.3000
2-Ethyl-1-hexanol	104-76-7	ND < 0.3	ND < 0.3000
n-Butylbenzene	104-51-8	ND < 0.3	ND < 0.3000
1,2-Dichlorobenzene	90-50-1	ND < 0.2	ND < 0.2000
1,2-Dibromo-3-chloropropane	96-12-8	ND < 0.3	ND < 0.3000
1,2,4-Trichlorobenzene	120-82-1	ND < 0.3	ND < 0.3000
Hexachlorobutadiene	87-68-3	ND < 0.3	ND < 0.3000
Naphthalene	91-20-3	ND < 0.3	ND < 0.3000
1,2,3-Trichlorobenzene	87-61-6	ND < 0.3	ND < 0.3000

No non-target analytes observed in the chromatogram

Test Result of Organics With Media:

Target Analyte	EPA 8270/EPA 625	Result	Normalized
Semi-Volatile Organics	C.A.S. Number	(ug/L)	Result (ug/L)
1,1-(1,4-Phenylene)bis-ethanone	1009-61-6	ND < 0.50	ND < 0.500
1,2,4-Trichlorobenzene	110-88-3	ND < 0.50	ND < 0.500
1,2-Dichlorobenzene	95-50-1	ND < 0.50	ND < 0.500
1,3,5-Trioxane	120-82-1	ND < 0.50	ND < 0.500
1,3-Dichlorobenzene	541-73-1	ND < 0.50	ND < 0.500
1,4-Dichlorobenzene	106-46-7	ND < 0.50	ND < 0.500
2,3,4,6-Tetrachlorophenol	58-90-2	ND < 0.20	ND < 0.200
2,4,5-Trichlorophenol	95-95-4	ND < 1.00	ND < 1.000
2,4,6-Trichlorophenol	88-06-2	ND < 1.00	ND < 1.000
2,4-Dichlorobenzoic acid	50-84-0	ND < 20.00	ND < 20.000
2,4-Dichlorophenol	120-83-2	ND < 0.50	ND < 0.500
2,4-Dimethylphenol	105-67-9	ND < 0.50	ND < 0.500
2,4-Dinitrophenol	51-28-5	ND < 0.50	ND < 0.500
2,4-Dinitrotoluene	121-14-2	ND < 0.50	ND < 0.500
2,6-Dichlorophenol	87-65-0	ND < 0.50	ND < 0.500
2,6-Dinitrotoluene	606-20-2	ND < 0.80	ND < 0.800
2,6-Di-tert-butyl-4-methoxyphenol	489-01-0	ND < 0.50	ND < 0.500
2-Chlorophenol	95-57-8	ND < 0.50	ND < 0.500
2-Cloronaphthalene	91-58-7	ND < 0.50	ND < 0.500
2-Ethylhexylmethacrylate	688-84-6	ND < 2.00	ND < 2.000
2-Methylnaphthalene	91-57-6	ND < 0.50	ND < 0.500
2-Methylphenol	95-48-7	ND < 1.00	ND < 1.000
2-Nitrophenol	88-75-5	ND < 1.00	ND < 1.000
2-Phenyl 2-Propanol	617-94-7	ND < 0.50	ND < 0.500
3,3'Dichlorobenzidine	91-94-1	ND < 0.50	ND < 0.500
3,4--Methylphenol	108-39-4, 106-44-5	ND < 0.50	ND < 0.500
4,6-Dinitro-2-methylphenol	534-52-1	ND < 10.00	ND < 10.000
4-Bromophenylpheylether	101-55-3	ND < 0.50	ND < 0.500
4-Chloro-3-methylphenol	59-50-7	ND < 0.50	ND < 0.500
4-Chlorophenyphenylether	7005-72-3	ND < 0.50	ND < 0.500
4-Nitrophenol	100-02-7	ND < 0.90	ND < 0.900
4-tert-butylphenol	98-54-4	ND < 0.50	ND < 0.500
7,9-Di-tert-butyl-1-oxaspiro(4,5)deca-6,9-diene-2,8-dione	82304-66-3	ND < 0.50	ND < 0.500
a,a,a',a'-Tetramethyl-1,3-benzenedimethanol	1999-85-5	ND < 0.50	ND < 0.500
a,a,a',a'-Tetramethyl-1,4-benzenedimethanol	2948-46-1	ND < 0.50	ND < 0.500
Acenaphththene	83-32-9	ND < 0.50	ND < 0.500
Acenaphthylene	208-96-8	ND < 0.20	ND < 0.200
Acetophenone	98-86-2	1.05	1.047
Anthracene	120-12-7	ND < 0.20	ND < 0.200
Azobenene	103-33-3	ND < 0.50	ND < 0.500
Benzo(a)anthracene	56-55-3	ND < 0.50	ND < 0.500
Benzo(a)pyrene	50-32-8	ND < 0.20	ND < 0.200
Benzo(b)fluroranthene	205-99-2	ND < 0.50	ND < 0.500

Test Result of Organics With Media:

Target Analyte	EPA 8270/EPA 625	Result	Normalized
Semi-Volatile Organics	C.A.S.Number	(ug/L)	Result (ug/L)
Benzo(ghi)perylene	191-24-2	ND < 0.50	ND < 0.500
Benzo(k)fluoranthene	207-08-9	ND < 0.50	ND < 0.500
Benzoic_acid	65-85-0	ND < 20.00	ND < 20.000
Benzothiazole	95-16-9	ND < 1.00	ND < 1.000
Benzyl_Alcohol	100-51-6	ND < 0.50	ND < 0.500
Benzylbutylphthalate	85-68-7	ND < 0.50	ND < 0.500
Bis(2-choroethoxy) methane	111-91-1	ND < 0.50	ND < 0.500
Bis(2-choroethyl) ether	111-44-4	ND < 0.50	ND < 0.500
Bis(2-choroisopropyl) ether	108-60-1	ND < 0.50	ND < 0.500
Bis(2-ethylhexyl)adipate	103-23-1	ND < 0.50	ND < 0.500
Bis-2-ethylhexylphthate	117-81-7	ND < 0.60	ND < 0.600
Bisphenol A	80-05-7	ND < 0.50	ND < 0.500
Caprolactam	105-60-2	ND < 1.00	ND < 1.000
Carbaryl	63-25-2	ND < 0.50	ND < 0.500
Carbazole	86-74-8	ND < 0.50	ND < 0.500
Chrysene	218-01-9	ND < 0.50	ND < 0.500
Dibenz(ah)anthracene	53-70-3	ND < 0.50	ND < 0.500
Dibutoxyethoxyethyl adipate	141-17-3	ND < 2.00	ND < 2.000
Diethylphthalate	84-66-2	ND < 0.50	ND < 0.500
Dimethylphthalate	131-11-3	ND < 0.50	ND < 0.500
Di-n-butylphthalate	84-74-2	ND < 3.00	ND < 3.000
Di-n-octylphthalate	117-84-0	ND < 0.50	ND < 0.500
Dinoseb	88-85-7	ND < 0.50	ND < 0.500
Fluoranthene	206-44-0	ND < 0.20	ND < 0.200
Fluorene	86-73-7	ND < 0.50	ND < 0.500
Hexachlorobenzene	118-74-1	ND < 0.70	ND < 0.700
Hexachlorobutadiene	87-68-3	ND < 0.50	ND < 0.500
Hexachlorocyclopentadiene	77-47-4	ND < 0.50	ND < 0.500
Hexachloroethane	67-72-1	ND < 0.50	ND < 0.500
Indene(123cd)pyrene	193-39-5	ND < 0.50	ND < 0.500
isophorone	78-59-1	ND < 0.50	ND < 0.500
Methyl-4-methoxysalicylate	5446-02-6	ND < 0.50	ND < 0.500
Naphthalene	91-20-3	ND < 0.50	ND < 0.500
Nitrobenzene	98-95-3	ND < 0.50	ND < 0.500
N-Nitrosodimethylamine	62-75-9	ND < 0.72	ND < 0.720
N-Nitrosodi-n-butylamine	924-16-3	ND < 0.50	ND < 0.500
N-Nitrosodi-n-propylamine	621-64-7	ND < 0.50	ND < 0.500
N-Nitrosodiphenylamine	86-30-6	ND < 0.50	ND < 0.500
Pentachlorophenol	87-86-5	ND < 0.50	ND < 0.500
Phenanthrene	85-01-8	ND < 0.30	ND < 0.300
Phenol	108-95-2	ND < 0.50	ND < 0.500
Phenyl sulfone	127-63-9	ND < 0.50	ND < 0.500
Pyrene	129-00-0	ND < 0.50	ND < 0.500
Solfolane	126-33-0	ND < 2.00	ND < 2.000
Tributylacetyl citrate	77-90-7	ND < 0.50	ND < 0.500

No non-target analytes observed in the chromatogram

Test Result of Organics Without Media:

Target Analyte	Test Method EPA 524.2	Result	Normalized
Volatile Organic Compounds:	C.A.S Number	(ug/L)	Result (ug/L)
Difluorodichloromethane	75-71-8	ND < 0.3	ND < 0.3000
Chloromethane	74-87-3	ND < 0.2	ND < 0.2000
Vinylchloride	75-01-4	ND < 0.2	ND < 0.2000
1,3-Butadiene	106-99-0	ND < 0.3	ND < 0.3000
Bromomethane	74-83-9	ND < 0.3	ND < 0.3000
Chloroethane	75-00-3	ND < 2.0	ND < 2.0000
Trichlorofluoromethane	75-69-4	ND < 0.3	ND < 0.3000
1,1-Dichloro-1-fluorethane	1717-00-6	ND < 0.3	ND < 0.3000
1,1-Dichloroethene	75-35-4	ND < 0.3	ND < 0.3000
Acetone	67-64-1	ND < 5.0	ND < 5.0000
Carbon disulfide	75-15-0	ND < 0.3	ND < 0.3000
Dichloromethane	75-09-2	ND < 0.2	ND < 0.2000
t-Butanol	75-65-0	ND < 6.0	ND < 6.0000
trans-1,2-Dichloroethene	156-60-5	ND < 0.3	ND < 0.3000
Methyl Tert Butyl Ether	1634-04-4	ND < 0.3	ND < 0.3000
1,1-Dichloroethane	75-34-3	ND < 0.3	ND < 0.3000
Chloroprene	126-99-8	ND < 0.3	ND < 0.3000
Vinyl Acetate	108-05-4	ND < 0.3	ND < 0.3000
2,2-Dichloropropane	594-20-7	ND < 0.3	ND < 0.3000
cis-1,2-Dichloroethene	156-59-2	ND < 0.3	ND < 0.3000
2-Butanone	78-93-3	ND < 0.3	ND < 0.3000
Methyl Acrylate	96-33-3	ND < 0.3	ND < 0.3000
Bromochloromethane	74-97-5	ND < 0.3	ND < 0.3000
Tetrahydrofuran	109-99-9	ND < 0.3	ND < 0.3000
Chloroform	67-66-3	ND < 0.1	ND < 0.1000
1,1,1-Trichloroethane	71-55-6	ND < 0.3	ND < 0.3000
Carbon tetrachloride	56-23-5	ND < 0.3	ND < 0.3000
1,1-Dichloropropene	563-58-3	ND < 0.3	ND < 0.3000
Benzene	71-43-2	ND < 0.3	ND < 0.3000
1,2-Dichloroethane	107-06-2	ND < 0.3	ND < 0.3000
isopropylacetate	108-21-4	ND < 0.3	ND < 0.3000
Trichloroethene	79-01-6	ND < 0.3	ND < 0.3000
Ethyl-acrylate	140-88-5	ND < 0.1	ND < 0.1000
1,2-Dichloropropane	78-87-5	ND < 0.2	ND < 0.2000
Dibromomethane	74-95-3	ND < 0.3	ND < 0.3000
Methyl Methacrylate	80-62-6	ND < 0.2	ND < 0.2000
Bromodichloromethane	75-27-4	ND < 0.1	ND < 0.1000
cis-1,3-Dichloropropene	10061-01-5	ND < 0.1	ND < 0.1000
4-methyl-2-pentanone	108-10-1	ND < 0.3	ND < 0.3000
Toluene	108-88-3	ND < 0.3	ND < 0.3000
trans-1,3-Dichloropropene	10061-02-6	ND < 0.1	ND < 0.1000
Ethyl Methacrylate	97-63-2	ND < 0.3	ND < 0.3000

Test Result of Organics Without Media:

Target Analyte	Test Method	Result	Normalized
Volatile Organic Compounds:	EPA 524.2	(ug/L)	Result (ug/L)
Tetrachloroethylene	127-18-4	ND < 0.3	ND < 0.3000
1,1,2-Trichloroethane	79-00-5	ND < 0.2	ND < 0.2000
1,3-Dichloropropane	142-28-9	ND < 0.3	ND < 0.3000
Dibromochloromethane	124-48-1	ND < 0.3	ND < 0.3000
Butyl-acetate	123-86-4	ND < 0.2	ND < 0.2000
1,2-Dibromoethane	106-93-4	ND < 0.2	ND < 0.2000
Chlorobenzene	108-90-7	ND < 0.3	ND < 0.3000
Ethylbenzene	100-41-4	ND < 0.3	ND < 0.3000
1,1,1,2-Tetrachloroethane	630-20-6	ND < 0.3	ND < 0.3000
m,p-Xylene	108-38-3/106-42-3	ND < 0.3	ND < 0.3000
o-Xylene	95-47-6	ND < 0.3	ND < 0.3000
Styrene	100-42-5	ND < 0.3	ND < 0.3000
n-Butyl acrylate	141-32-2	ND < 0.3	ND < 0.3000
Tribromomethane	75-25-2	ND < 0.1	ND < 0.1000
Isopropylbenzene	98-82-8	ND < 0.3	ND < 0.3000
Cyclohexanone	108-94-1	ND < 20.0	ND < 20.0000
Bromobenzene	108-86-1	ND < 0.3	ND < 0.3000
1,1,2,2-Tetrachloroethane	79-34-5	ND < 0.3	ND < 0.3000
propylbenzene	103-65-1	ND < 0.3	ND < 0.3000
1,2,3-Trichloropropane	96-18-4	ND < 0.3	ND < 0.3000
2-Chlorotoluene	95-49-8	ND < 0.3	ND < 0.3000
1,3,5-Trimethylbenzene	108-67-8	ND < 0.3	ND < 0.3000
4-Chlorotoluene	106-43-4	ND < 0.3	ND < 0.3000
tert-Butylbenzene	98-06-6	ND < 0.3	ND < 0.3000
1,2,4-Trimethylbenzene	95-63-6	ND < 0.3	ND < 0.3000
sec-Butylbenzene	135-98-8	ND < 0.3	ND < 0.3000
1,3-Dichlorobenzene	541-73-1	ND < 0.3	ND < 0.3000
bis(2-chloroethyl)ether	111-44-4	ND < 0.3	ND < 0.3000
p-Isopropyltoluene	99-87-6	ND < 0.3	ND < 0.3000
1,4-Dichlorobenzene	106-46-7	ND < 0.3	ND < 0.3000
2-Ethyl-1-hexanol	104-76-7	ND < 0.3	ND < 0.3000
n-Butylbenzene	104-51-8	ND < 0.3	ND < 0.3000
1,2-Dichlorobenzene	90-50-1	ND < 0.2	ND < 0.2000
1,2-Dibromo-3-chloropropane	96-12-8	ND < 0.3	ND < 0.3000
1,2,4-Trichlorobenzene	120-82-1	ND < 0.3	ND < 0.3000
Hexachlorobutadiene	87-68-3	ND < 0.3	ND < 0.3000
Naphthalene	91-20-3	ND < 0.3	ND < 0.3000
1,2,3-Trichlorobenzene	87-61-6	ND < 0.3	ND < 0.3000

No non-target analytes observed in the chromatogram

Test Result of Organics Without Media:

Target Analyte	EPA 8270/EPA 625	Result	Normalized
Semi-Volatile Organics	C.A.S. Number	(ug/L)	Result (ug/L)
1,1-(1,4-Phenylene)bis-ethanone	1009-61-6	ND < 0.50	ND < 0.500
1,2,4-Trichlorobenzene	110-88-3	ND < 0.50	ND < 0.500
1,2-Dichlorobenzene	95-50-1	ND < 0.50	ND < 0.500
1,3,5-Trioxane	120-82-1	ND < 0.50	ND < 0.500
1,3-Dichlorobenzene	541-73-1	ND < 0.50	ND < 0.500
1,4-Dichlorobenzene	106-46-7	ND < 0.50	ND < 0.500
2,3,4,6-Tetrachlorophenol	58-90-2	ND < 0.20	ND < 0.200
2,4,5-Trichlorophenol	95-95-4	ND < 1.00	ND < 1.000
2,4,6-Trichlorophenol	88-06-2	ND < 1.00	ND < 1.000
2,4-Dichlorobenzoic acid	50-84-0	ND < 20.00	ND < 20.000
2,4-Dichlorophenol	120-83-2	ND < 0.50	ND < 0.500
2,4-Dimethylphenol	105-67-9	ND < 0.50	ND < 0.500
2,4-Dinitrophenol	51-28-5	ND < 0.50	ND < 0.500
2,4-Dinitrotoluene	121-14-2	ND < 0.50	ND < 0.500
2,6-Dichlorophenol	87-65-0	ND < 0.50	ND < 0.500
2,6-Dinitrotoluene	606-20-2	ND < 0.80	ND < 0.800
2,6-Di-tert-butyl-4-methoxyphenol	489-01-0	ND < 0.50	ND < 0.500
2-Chlorophenol	95-57-8	ND < 0.50	ND < 0.500
2-Cloronaphthalene	91-58-7	ND < 0.50	ND < 0.500
2-Ethylhexylmethacrylate	688-84-6	ND < 2.00	ND < 2.000
2-Methylnaphthalene	91-57-6	ND < 0.50	ND < 0.500
2-Methylphenol	95-48-7	ND < 1.00	ND < 1.000
2-Nitrophenol	88-75-5	ND < 1.00	ND < 1.000
2-Phenyl 2-Propanol	617-94-7	ND < 0.50	ND < 0.500
3,3'Dichlorobenzidine	91-94-1	ND < 0.50	ND < 0.500
3,4--Methylphenol	108-39-4, 106-44-5	ND < 0.50	ND < 0.500
4,6-Dinitro-2-methylphenol	534-52-1	ND < 10.00	ND < 10.000
4-Bromophenylpheylether	101-55-3	ND < 0.50	ND < 0.500
4-Chloro-3-methylphenol	59-50-7	ND < 0.50	ND < 0.500
4-Chlorophenyphenylether	7005-72-3	ND < 0.50	ND < 0.500
4-Nitrophenol	100-02-7	ND < 0.90	ND < 0.900
4-tert-butylphenol	98-54-4	ND < 0.50	ND < 0.500
7,9-Di-tert-butyl-1-oxaspiro(4,5)deca-6,9-diene-2,8-dione	82304-66-3	ND < 0.50	ND < 0.500
a,a,a',a'-Tetramethyl-1,3-benzenedimethanol	1999-85-5	ND < 0.50	ND < 0.500
a,a,a',a'-Tetramethyl-1,4-benzenedimethanol	2948-46-1	ND < 0.50	ND < 0.500
Acenaphththene	83-32-9	ND < 0.50	ND < 0.500
Acenaphthylene	208-96-8	ND < 0.20	ND < 0.200
Acetophenone	98-86-2	ND < 0.50	ND < 0.500
Anthracene	120-12-7	ND < 0.20	ND < 0.200
Azobenene	103-33-3	ND < 0.50	ND < 0.500
Benzo(a)anthracene	56-55-3	ND < 0.50	ND < 0.500
Benzo(a)pyrene	50-32-8	ND < 0.20	ND < 0.200
Benzo(b)fluroranthene	205-99-2	ND < 0.50	ND < 0.500

Test Result of Organics Without Media:

Target Analyte	EPA 8270/EPA 625	Result	Normalized
Semi-Volatile Organics	C.A.S.Number	(ug/L)	Result (ug/L)
Benzo(ghi)perylene	191-24-2	ND < 0.50	ND < 0.500
Benzo(k)fluoranthene	207-08-9	ND < 0.50	ND < 0.500
Benzoic_acid	65-85-0	ND < 20.00	ND < 20.000
Benzothiazole	95-16-9	ND < 1.00	ND < 1.000
Benzyl_Alcohol	100-51-6	ND < 0.50	ND < 0.500
Benzylbutylphthalate	85-68-7	ND < 0.50	ND < 0.500
Bis(2-choroethoxy) methane	111-91-1	ND < 0.50	ND < 0.500
Bis(2-choroethyl) ether	111-44-4	ND < 0.50	ND < 0.500
Bis(2-choroisopropyl) ether	108-60-1	ND < 0.50	ND < 0.500
Bis(2-ethylhexyl)adipate	103-23-1	ND < 0.50	ND < 0.500
Bis-2-ethylhexylphthate	117-81-7	ND < 0.60	ND < 0.600
Bisphenol A	80-05-7	ND < 0.50	ND < 0.500
Caprolactam	105-60-2	ND < 1.00	ND < 1.000
Carbaryl	63-25-2	ND < 0.50	ND < 0.500
Carbazole	86-74-8	ND < 0.50	ND < 0.500
Chrysene	218-01-9	ND < 0.50	ND < 0.500
Dibenz(ah)anthracene	53-70-3	ND < 0.50	ND < 0.500
Dibutoxyethoxyethyl adipate	141-17-3	ND < 2.00	ND < 2.000
Diethylphthalate	84-66-2	ND < 0.50	ND < 0.500
Dimethylphthalate	131-11-3	ND < 0.50	ND < 0.500
Di-n-butylphthalate	84-74-2	ND < 3.00	ND < 3.000
Di-n-octylphthalate	117-84-0	ND < 0.50	ND < 0.500
Dinoseb	88-85-7	ND < 0.50	ND < 0.500
Fluoranthene	206-44-0	ND < 0.20	ND < 0.200
Fluorene	86-73-7	ND < 0.50	ND < 0.500
Hexachlorobenzene	118-74-1	ND < 0.70	ND < 0.700
Hexachlorobutadiene	87-68-3	ND < 0.50	ND < 0.500
Hexachlorocyclopentadiene	77-47-4	ND < 0.50	ND < 0.500
Hexachloroethane	67-72-1	ND < 0.50	ND < 0.500
Indene(123cd)pyrene	193-39-5	ND < 0.50	ND < 0.500
isophorone	78-59-1	ND < 0.50	ND < 0.500
Methyl-4-methoxysalicylate	5446-02-6	ND < 0.50	ND < 0.500
Naphthalene	91-20-3	ND < 0.50	ND < 0.500
Nitrobenzene	98-95-3	ND < 0.50	ND < 0.500
N-Nitrosodimethylamine	62-75-9	ND < 0.72	ND < 0.720
N-Nitrosodi-n-butylamine	924-16-3	ND < 0.50	ND < 0.500
N-Nitrosodi-n-propylamine	621-64-7	ND < 0.50	ND < 0.500
N-Nitrosodiphenylamine	86-30-6	ND < 0.50	ND < 0.500
Pentachlorophenol	87-86-5	ND < 0.50	ND < 0.500
Phenanthrene	85-01-8	ND < 0.30	ND < 0.300
Phenol	108-95-2	ND < 0.50	ND < 0.500
Phenyl sulfone	127-63-9	ND < 0.50	ND < 0.500
Pyrene	129-00-0	ND < 0.50	ND < 0.500
Solfolane	126-33-0	ND < 2.00	ND < 2.000
Tributylacetyl citrate	77-90-7	ND < 0.50	ND < 0.500
No non-target analytes observed in the chromatogram			