



ENVIROTEK LABORATORIES, INC.

120 White Owl Trail, Suite A

Mullica Hill, NJ 08062

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EPA ID # NJ01298 NJ DEP ID # 08012 PA DEP ID # 68-04402 NY ELAP # 11987

ADYA VOC SPIKED SOLUTION TEST REPORT

Report # 11-195-VOC (VOC Spiked Adya Solution tested after filtration system)

Report Date: 10/18/2011

Customer Name: Adya Inc.

Site Address: 445 East Chicago St. Coldwater, MI 49036

Date Sampled: 10/10/2011

Test Parameter	20 ppb Spiked Adya Solution Sample	Filtered Solution (48 hrs)	Analytical Method	EPA Maximum Contaminant Level (MCL)
Acetone	19.44	<0.5 ug/L	EPA 524.2	Not specified
Acrylonitrile	18.90	<0.5 ug/L	EPA 524.2	Not specified
Allyl chloride	15.28	<0.5 ug/L	EPA 524.2	Not specified
Benzene	19.17	<0.5 ug/L	EPA 524.2	5 µg/L
Bromobenzene	15.63	<0.5 ug/L	EPA 524.2	Not specified
Bromochloromethane	13.14	<0.5 ug/L	EPA 524.2	Not specified
Bromodichloromethane	15.28	<0.5 ug/L	EPA 524.2	Not specified
Bromoform	16.83	<0.5 ug/L	EPA 524.2	Not specified
Bromomethane	16.54	<0.5 ug/L	EPA 524.2	Not specified
2-Butanone	19.19	<0.5 ug/L	EPA 524.2	Not specified
n-Butylbenzene	18.71	<0.5 ug/L	EPA 524.2	Not specified
sec-Butylbenzene	16.52	<0.5 ug/L	EPA 524.2	Not specified
tert-Butylbenzene	17.88	<0.5 ug/L	EPA 524.2	Not specified
Carbon disulfide	16.52	<0.5 ug/L	EPA 524.2	Not specified
Carbon tetrachloride	18.15	<0.5 ug/L	EPA 524.2	5 µg/L
Chloroacetone	18.57	<0.5 ug/L	EPA 524.2	Not specified
Chlorobenzene	17.33	<0.5 ug/L	EPA 524.2	100 µg/L
1-Chlorobutane	19.20	<0.5 ug/L	EPA 524.2	Not specified
Chloroethane	16.71	<0.5 ug/L	EPA 524.2	Not specified
Chloroform	18.16	<0.5 ug/L	EPA 524.2	Not specified
Chloromethane	18.81	<0.5 ug/L	EPA 524.2	Not specified
2-Chlorotoluene	19.14	<0.5 ug/L	EPA 524.2	Not specified
4-Chlorotoluene	16.55	<0.5 ug/L	EPA 524.2	Not specified
Dibromochloromethane	19.17	<0.5 ug/L	EPA 524.2	Not specified
1,2-Dibromo-3-chloropropane	18.94	<0.5 ug/L	EPA 524.2	Not specified
1,2-Dibromoethane	19.22	<0.5 ug/L	EPA 524.2	Not specified
Dibromomethane	18.73	<0.5 ug/L	EPA 524.2	Not specified
1,2-Dichlorobenzene	19.47	<0.5 ug/L	EPA 524.2	5 µg/L
1,3-Dichlorobenzene	19.11	<0.5 ug/L	EPA 524.2	5 µg/L
1,4-Dichlorobenzene	11.63	<0.5 ug/L	EPA 524.2	5 µg/L
trans-1,4-Dichloro-2-butene	19.43	<0.5 ug/L	EPA 524.2	Not specified
Dichlorodifluoromethane	19.50	<0.5 ug/L	EPA 524.2	Not specified
1,1-Dichloroethane	16.32	<0.5 ug/L	EPA 524.2	Not specified
1,2-Dichloroethane	17.26	<0.5 ug/L	EPA 524.2	5 µg/L
1,1-Dichloroethene	19.28	<0.5 ug/L	EPA 524.2	5 µg/L
cis-1,2-Dichloroethene	18.15	<0.5 ug/L	EPA 524.2	5 µg/L
trans-1,2-Dichloroethene	18.46	<0.5 ug/L	EPA 524.2	100 µg/L
1,2-Dichloropropane	19.25	<0.5 ug/L	EPA 524.2	5 µg/L
1,3-Dichloropropane	19.16	<0.5 ug/L	EPA 524.2	5 µg/L
2,2-Dichloropropane	19.07	<0.5 ug/L	EPA 524.2	5 µg/L
1,1-Dichloropropene	19.61	<0.5 ug/L	EPA 524.2	5 µg/L
1,1-Dichloropropanone	19.91	<0.5 ug/L	EPA 524.2	5 µg/L
cis-1,3-Dichloropropene	19.28	<0.5 ug/L	EPA 524.2	5 µg/L
trans-1,3-Dichloropropene	19.75	<0.5 ug/L	EPA 524.2	5 µg/L
Diethyl ether	19.75	<0.5 ug/L	EPA 524.2	Not specified
Ethylbenzene	19.75	<0.5 ug/L	EPA 524.2	700 µg/L
Ethyl methacrylate	18.88	<0.5 ug/L	EPA 524.2	Not specified
Hexachlorobutadiene	19.83	<0.5 ug/L	EPA 524.2	Not specified

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Test Parameter	20 ppb Spiked Adya Solution Sample	Filtered Solution (48 hrs)	Analytical Method	Not specified
Hexachlorobutadiene	18.36	<0.5 ug/L	EPA 524.2	Not specified
Hexachloroethane	19.36	<0.5 ug/L	EPA 524.2	Not specified
2-Hexanone	19.25	<0.5 ug/L	EPA 524.2	Not specified
Isopropylbenzene	19.06	<0.5 ug/L	EPA 524.2	Not specified
4-Isopropyltoluene	18.05	<0.5 ug/L	EPA 524.2	Not specified
Methacrylonitrile	19.26	<0.5 ug/L	EPA 524.2	Not specified
Methylacrylate	18.62	<0.5 ug/L	EPA 524.2	Not specified
Methylene chloride	17.74	<0.5 ug/L	EPA 524.2	Not specified
Methyl iodide	17.72	<0.5 ug/L	EPA 524.2	Not specified
Methylmethacrylate	18.87	<0.5 ug/L	EPA 524.2	Not specified
4-Methyl-2-pentanone	18.68	<0.5 ug/L	EPA 524.2	Not specified
Methyl-t-butyl ether	18.57	<0.5 ug/L	EPA 524.2	Not specified
Naphthalene	19.24	<0.5 ug/L	EPA 524.2	Not specified
Nitrobenzene	19.24	<0.5 ug/L	EPA 524.2	Not specified
2-Nitropropane	19.03	<0.5 ug/L	EPA 524.2	Not specified
Pentachloroethane	18.76	<0.5 ug/L	EPA 524.2	Not specified
Propionitrile	18.95	<0.5 ug/L	EPA 524.2	Not specified
n-Propylbenzene	19.15	<0.5 ug/L	EPA 524.2	Not specified
Styrene	18.94	<0.5 ug/L	EPA 524.2	100 µg/L
1,1,1,2-Tetrachloroethane	18.55	<0.5 ug/L	EPA 524.2	Not specified
1,1,1,2,2-Tetrachloroethane	19.03	<0.5 ug/L	EPA 524.2	Not specified
Tetrachloroethene	18.66	<0.5 ug/L	EPA 524.2	5 µg/L
Tetrahydrofuran	19.11	<0.5 ug/L	EPA 524.2	Not specified
Toluene	18.57	<0.5 ug/L	EPA 524.2	1000 µg/L
1,2,3-Trichlorobenzene	17.85	<0.5 ug/L	EPA 524.2	Not specified
1,2,4-Trichlorobenzene	18.54	<0.5 ug/L	EPA 524.2	70 µg/L
1,1,1-Trichloroethane	19.58	<0.5 ug/L	EPA 524.2	Not specified
1,1,2-Trichloroethane	19.75	<0.5 ug/L	EPA 524.2	5 µg/L
Trichloroethene	19.68	<0.5 ug/L	EPA 524.2	5 µg/L
Trichlorofluoromethane	19.35	<0.5 ug/L	EPA 524.2	Not specified
1,2,3-Trichloropropane	19.65	<0.5 ug/L	EPA 524.2	Not specified
1,2,4-Trimethylbenzene	19.84	<0.5 ug/L	EPA 524.2	Not specified
1,3,5-Trimethylbenzene	19.62	<0.5 ug/L	EPA 524.2	Not specified
Vinyl chloride	19.85	<0.5 ug/L	EPA 524.2	2 µg/L
o-Xylene	19.73	<0.5 ug/L	EPA 524.2	10000 µg/L
m-Xylene	19.81	<0.5 ug/L	EPA 524.2	
p-Xylene	19.94	<0.5 ug/L	EPA 524.2	

Note: A solution prepared by diluting Adya Clarity 10 mL in 1000 mL of DI water was spiked with a VOC standard at a concentration of 20 ug/L; this solution was tested as is. The solution was exposed to direct sunlight for 2 days and then filtered through the Adya Mineral Water System and tested as filtered solution. The results are summarized in the table above. After 48 hours and filtered through the Adya Water System, no Volatile Organic Compounds were detected (method detection limit = 0.5 ug/L).

Jaime A. Young
Lab Director