Table 6-5
Summary of Volatile Organic Compounds (VOCs) in Ground Water
Hoffmann-La Roche Inc. - Nutley, New Jersey
Supplemental Sample Results

		Sample No.:	DW-3-D2-297.5		DW-15B-GRAB		DW-21A-132.1		DW-25C-GRAB		DW-31C-GRAB		DW-37B-GRAB	
		Date Sampled:	8/19/2014		7/9/2014		8/19/2014		8/18/2014		6/23/2014		7/8/2014	
		LAB Sample ID:	JB74465-4		JB71217-1		JB74465-2		JB74331-2		JB70049-1		JB71110-1	
		LAB:	Accutest		Accutest		Accutest		Accutest		Accutest		Accutest	
Parameter (ug/l)	***CAS No.***	***GWQS***												
Acetone	*67-64-1*	*6000*	6.2	J	60		2.6	U	21		32.7		7.8	J
Benzene	*71-43-2*	*1*	0.21	U	0.27	J	0.21	U	0.21	U	0.21	U	0.21	U
Bromochloromethane	*74-97-5*	*100*	0.49	U	0.49	U	0.49	U	0.49	U	0.49	U	0.49	U
Bromodichloromethane	*75-27-4*	*1*	0.28	U	0.28	U	0.28	U	0.28	U	0.28	U	0.28	U
Bromoform	*75-25-2*	*4*	0.31	U	0.31	U	0.31	U	0.31	U	0.31	U	0.31	U
Bromomethane	*74-83-9*	*10*	0.39	U	0.39	U	0.39	U	0.39	U	0.39	U	0.39	U
2-Butanone (MEK)	*78-93-3*	*300*	2.5	U	8.3	J	2.5	U	14.9		20.3		2.5	U
Carbon Disulfide	*75-15-0*	*700*	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Carbon tetrachloride	*56-23-5*	*1*	0.24	U	0.24	U	0.24	U	0.24	U	0.24	U	0.24	U
Chlorobenzene	*108-90-7*	*50*	0.27	U	0.27	U	0.27	U	0.27	U	0.27	U	0.27	U
Chloroethane	*75-00-3*	*5*	0.56	U	0.56	U	0.56	U	0.56	U	0.56	U	0.56	U
Chloroform	*67-66-3*	*70*	1.5		0.2	U	0.3	J	1.6		2.3		0.2	U
Chloromethane	*74-87-3*	*100*	0.33	U	0.33	U	0.33	U	0.33	U	0.33	U	0.33	U
cis-1,2-Dichloroethene	*156-59-2*	*70*	1		0.98	J	1		1.5		0.33	U	0.33	U
cis-1,3-Dichloropropene	*10061-01-5*	*--*	0.28	U	0.28	U	0.28	U	0.28	U	0.28	U	0.28	U
Cyclohexane	*110-82-7*	*100*	0.37	U	0.37	U	0.37	U	0.37	U	0.37	U	0.37	U
1,2-Dibromo-3-chloropropane	*96-12-8*	*0.02*	*1.2*	U	*1.2*	U	*1.2*	U	*1.2*	U	*1.2*	U	*1.2*	U
Dibromochloromethane	*124-48-1*	*1*	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
1,2-Dibromoethane	*106-93-4*	*0.03*	*0.23*	U	*0.23*	U	*0.23*	U	*0.23*	U	*0.23*	U	*0.23*	U
1,2-Dichlorobenzene	*95-50-1*	*600*	0.16	U	0.16	U	0.16	U	0.16	U	0.16	U	0.16	U
1,3-Dichlorobenzene	*541-73-1*	*600*	0.26	U	0.26	U	0.26	U	0.26	U	0.26	U	0.26	U
1,4-Dichlorobenzene	*106-46-7*	*75*	0.24	U	0.24	U	0.24	U	0.24	U	0.24	U	0.24	U
Dichlorodifluoromethane	*75-71-8*	*1000*	0.73	U	0.73	U	0.73	U	0.73	U	0.73	U	0.73	U
1,1-Dichloroethane	*75-34-3*	*50*	0.35	U	17.2		0.38	J	0.35	U	0.35	U	0.35	U
1,2-Dichloroethane	*107-06-2*	*2*	0.3	U	0.3	U	0.3	U	0.3	U	0.3	U	0.3	U
1,1-Dichloroethene	*75-35-4*	*1*	0.5	U	**2.6**		**2**		0.5	U	0.5	U	0.5	U
1,2-Dichloropropane	*78-87-5*	*1*	0.43	U	0.43	U	0.43	U	0.43	U	0.43	U	0.43	U
1,3-Dichloropropene (total)	*542-75-6*	*1*	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U
Ethylbenzene	*100-41-4*	*700*	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U
2-Hexanone	*591-78-6*	*300*	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U
Isopropylbenzene	*98-82-8*	*700*	0.26	U	0.26	U	0.26	U	0.26	U	0.26	U	0.26	U
Methyl Acetate	*79-20-9*	*7000*	3.1	U	3.1	U	3.1	U	3.1	U	3.1	U	3.1	U
Methyl Tert Butyl Ether (MTBE)	*1634-04-4*	*70*	0.26	U	14.3		0.26	U	0.26	U	0.33	J	0.26	U
4-methyl-2-pentanone (MIBK)	*108-10-1*	*100*	1.1	U	1.3	J	1.1	U	1.1	U	1.1	U	1.1	U
Methylcyclohexane	*108-87-2*	*100*	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U
Methylene chloride	*75-09-2*	*3*	0.81	U	0.81	U	0.81	U	0.81	U	1.7	J	0.81	U
Styrene	*100-42-5*	*100*	0.26	U	0.26	U	0.26	U	0.26	U	0.26	U	0.26	U
1,1,2,2-Tetrachloroethane	*79-34-5*	*1*	0.39	U	0.39	U	0.39	U	0.39	U	0.39	U	0.39	U
Tetrachloroethene	*127-18-4*	*1*	**25.7**		0.35	U	**27.2**		**29.9**		0.35	U	**1.6**	
Toluene	*108-88-3*	*600*	0.22	U	2.1		0.22	U	0.28	J	17.8		1.5	
trans-1,2-Dichloroethene	*156-60-5*	*100*	0.51	U	0.51	U	0.51	U	0.51	U	0.51	U	0.51	U
trans-1,3-Dichloropropene	*10061-02-6*	*--*	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U
Freon 113	*76-13-1*	*100*	0.45	U	0.45	U	0.45	U	0.45	U	0.45	U	0.45	U
1,2,3-Trichlorobenzene	*87-61-6*	*100*	0.26	U	0.26	U	0.26	U	0.26	U	0.26	U	0.26	U
1,1,1-Trichloroethane	*71-55-6*	*30*	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U
1,1,2-Trichloroethane	*79-00-5*	*3*	0.28	U	0.28	U	0.28	U	0.28	U	0.28	U	0.28	U
Trichloroethene	*79-01-6*	*1*	**1.1**		0.25	U	0.83	J	**1.1**		0.25	U	0.25	U
Trichlorofluoromethane	*75-69-4*	*2000*	0.28	U	0.28	U	0.28	U	0.28	U	0.28	U	0.28	U
1,2,4-Trichlorobenzene	*120-82-1*	*9*	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U
Vinyl Chloride	*75-01-4*	*1*	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U
m,p-Xylene	*179601-23-1*	*--*	0.45	U	0.45	U	0.45	U	0.45	U	0.45	U	0.45	U
o-Xylene	*95-47-6*	*--*	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
Xylenes (total)	*1330-20-7*	*1000*	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
Total VOC TIC	*SRP170*	*500*	ND	U	52	J	ND	U	ND	U	23.1	J	ND	U

GWQS = NJDEP's Ground Water Quality Standard
Bold indicates concentrations above the GWQS
ND = Not Detected
NA = Not Analyzed
J = Estimated value below sample reporting limit
U = Compound not detected above MDL
Values in italics indicate MDL above applicable criterion.
B = Detected in the method blank

Table 6-5
Summary of Volatile Organic Compounds (VOCs) in Ground Water
Hoffmann-La Roche Inc. - Nutley, New Jersey
Supplemental Sample Results

		Sample No.:	DW-38C-GRAB		DW-39C-GRAB		DW-43A-GRAB		DW-45A-143.5		MW-27B-47.63		MW-27C-77.5	
		Date Sampled:	8/18/2014		8/20/2014		7/22/2014		8/20/2014		8/19/2014		8/19/2014	
		LAB Sample ID:	JB74331-1		JB74562-1		JB72258-1		JB74561-2		JB74462-2		JB74462-3	
		LAB:	Accutest		Accutest		Accutest		Accutest		Accutest		Accutest	
Parameter (ug/l)	***CAS No.***	***GWQS***												
Acetone	*67-64-1*	*6000*	30.5		8.4	J	4.4	J	2.6	U	2.6	U	2.6	U
Benzene	*71-43-2*	*1*	0.27	J	0.21	U	0.21	U	0.29	J	0.21	U	0.21	U
Bromochloromethane	*74-97-5*	*100*	0.49	U	0.49	U	0.49	U	0.49	U	0.49	U	0.49	U
Bromodichloromethane	*75-27-4*	*1*	0.28	U	0.28	U	0.28	U	0.28	U	0.28	U	0.28	U
Bromoform	*75-25-2*	*4*	0.31	U	0.31	U	0.31	U	0.31	U	0.31	U	0.31	U
Bromomethane	*74-83-9*	*10*	0.39	U	0.39	U	0.39	U	0.39	U	0.39	U	0.39	U
2-Butanone (MEK)	*78-93-3*	*300*	12.8		2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Carbon Disulfide	*75-15-0*	*700*	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Carbon tetrachloride	*56-23-5*	*1*	0.24	U	0.24	U	0.25	J	0.24	U	0.24	U	0.24	U
Chlorobenzene	*108-90-7*	*50*	0.27	U	0.27	U	0.37	J	0.27	U	0.27	U	0.27	U
Chloroethane	*75-00-3*	*5*	0.56	U	0.56	U	0.56	U	0.56	U	0.56	U	0.56	U
Chloroform	*67-66-3*	*70*	0.8	J	0.2	U	1.2		0.57	J	0.86	J	0.86	J
Chloromethane	*74-87-3*	*100*	0.33	U	0.33	U	0.33	U	0.33	U	0.33	U	0.33	U
cis-1,2-Dichloroethene	*156-59-2*	*70*	0.33	U	0.33	U	41		24.4		1.9		8.2	
cis-1,3-Dichloropropene	*10061-01-5*	*--*	0.28	U	0.28	U	0.28	U	0.28	U	0.28	U	0.28	U
Cyclohexane	*110-82-7*	*100*	0.37	U	0.37	U	0.37	U	0.37	U	0.37	U	0.37	U
1,2-Dibromo-3-chloropropane	*96-12-8*	*0.02*	*1.2*	U	*1.2*	U	*1.2*	U	*1.2*	U	*1.2*	U	*1.2*	U
Dibromochloromethane	*124-48-1*	*1*	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
1,2-Dibromoethane	*106-93-4*	*0.03*	*0.23*	U	*0.23*	U	*0.23*	U	*0.23*	U	*0.23*	U	*0.23*	U
1,2-Dichlorobenzene	*95-50-1*	*600*	0.16	U	0.16	U	0.16	U	0.16	U	0.16	U	0.16	U
1,3-Dichlorobenzene	*541-73-1*	*600*	0.26	U	0.26	U	0.26	U	0.26	U	0.26	U	0.26	U
1,4-Dichlorobenzene	*106-46-7*	*75*	0.24	U	0.24	U	0.24	U	0.24	U	0.24	U	0.24	U
Dichlorodifluoromethane	*75-71-8*	*1000*	0.73	U	0.73	U	0.73	U	0.73	U	0.73	U	0.73	U
1,1-Dichloroethane	*75-34-3*	*50*	0.35	U	0.35	U	0.5	J	0.35	U	3.3		27.4	
1,2-Dichloroethane	*107-06-2*	*2*	0.3	U	0.3	U	0.3	U	0.3	U	0.3	U	0.3	U
1,1-Dichloroethene	*75-35-4*	*1*	0.5	U	0.5	U	**1.1**		**2.1**		**4.3**		**33.8**	
1,2-Dichloropropane	*78-87-5*	*1*	0.43	U	0.43	U	0.43	U	0.43	U	0.43	U	0.43	U
1,3-Dichloropropene (total)	*542-75-6*	*1*	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U
Ethylbenzene	*100-41-4*	*700*	0.43	J	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U
2-Hexanone	*591-78-6*	*300*	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U
Isopropylbenzene	*98-82-8*	*700*	0.26	U	0.26	U	0.26	U	0.26	U	0.26	U	0.26	U
Methyl Acetate	*79-20-9*	*7000*	3.1	U	3.1	U	3.1	U	3.1	U	3.1	U	3.1	U
Methyl Tert Butyl Ether (MTBE)	*1634-04-4*	*70*	0.26	U	0.26	U	0.26	U	0.26	U	0.26	U	2.4	
4-methyl-2-pentanone (MIBK)	*108-10-1*	*100*	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U
Methylcyclohexane	*108-87-2*	*100*	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U
Methylene chloride	*75-09-2*	*3*	0.81	U	0.81	U	0.81	U	0.81	U	0.81	U	0.81	U
Styrene	*100-42-5*	*100*	0.26	U	0.26	U	0.26	U	0.26	U	0.26	U	0.26	U
1,1,2,2-Tetrachloroethane	*79-34-5*	*1*	0.39	U	0.39	U	0.39	U	0.39	U	0.39	U	0.39	U
Tetrachloroethene	*127-18-4*	*1*	**31.1**		0.35	U	***335***		***244***		**9.3**		**16.1**	
Toluene	*108-88-3*	*600*	4.2		1.1		0.85	J	0.26	J	0.22	U	0.22	U
trans-1,2-Dichloroethene	*156-60-5*	*100*	0.51	U	0.51	U	0.51	U	0.51	U	0.51	U	0.51	U
trans-1,3-Dichloropropene	*10061-02-6*	*--*	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U
Freon 113	*76-13-1*	*100*	0.45	U	0.45	U	0.45	U	0.45	U	0.45	U	0.45	U
1,2,3-Trichlorobenzene	*87-61-6*	*100*	0.26	U	0.26	U	0.26	U	0.26	U	0.26	U	0.26	U
1,1,1-Trichloroethane	*71-55-6*	*30*	0.32	U	0.32	U	0.32	U	0.32	U	1.2		7.8	
1,1,2-Trichloroethane	*79-00-5*	*3*	0.28	U	0.28	U	0.28	U	0.28	U	0.28	U	0.28	U
Trichloroethene	*79-01-6*	*1*	0.81	J	0.25	U	**19.7**		**15.5**		**3.5**		**5.6**	
Trichlorofluoromethane	*75-69-4*	*2000*	0.28	U	0.28	U	0.28	U	0.28	U	0.28	U	0.28	U
1,2,4-Trichlorobenzene	*120-82-1*	*9*	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U
Vinyl Chloride	*75-01-4*	*1*	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U
m,p-Xylene	*179601-23-1*	*--*	1		0.56	J	0.45	U	0.45	U	0.45	U	0.45	U
o-Xylene	*95-47-6*	*--*	0.65	J	0.21	J	0.2	U	0.2	U	0.2	U	0.2	U
Xylenes (total)	*1330-20-7*	*1000*	1.65		0.77	J	0.2	U	0.2	U	0.2	U	0.2	U
Total VOC TIC	*SRP170*	*500*	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U

GWQS = NJDEP's Ground Water Quality Standard
Bold indicates concentrations above the GWQS
ND = Not Detected
NA = Not Analyzed
J = Estimated value below sample reporting limit
U = Compound not detected above MDL
Values in italics indicate MDL above applicable criterion.
B = Detected in the method blank

Table 6-5
Summary of Volatile Organic Compounds (VOCs) in Ground Water
Hoffmann-La Roche Inc. - Nutley, New Jersey
Supplemental Sample Results

		Sample No.:	MW-70C-81.50		MW-131C-67.9		MW-172-S3-117.5		MW-350A-13.50		MW-350B-42.50		MW-350C-77.50	
		Date Sampled:	8/21/2014		8/19/2014		8/19/2014		8/21/2014		8/21/2014		8/21/2014	
		LAB Sample ID:	JB74696-2		JB74462-4		JB74462-7		JB74696-6		JB74696-4		JB74696-3	
		LAB:	Accutest		Accutest		Accutest		Accutest		Accutest		Accutest	
Parameter (ug/l)	***CAS No.***	***GWQS***												
Acetone	*67-64-1*	*6000*	2.6	U	2.6	U	2.6	U	8.8	J	423		18.1	
Benzene	*71-43-2*	*1*	0.21	U	0.21	U	0.21	U	0.24	J	**2**		0.23	J
Bromochloromethane	*74-97-5*	*100*	0.49	U	0.49	U	0.49	U	0.49	U	0.49	U	0.49	U
Bromodichloromethane	*75-27-4*	*1*	0.28	U	0.28	U	0.28	U	0.28	U	0.28	U	0.28	U
Bromoform	*75-25-2*	*4*	0.31	U	0.31	U	0.31	U	0.31	U	0.31	U	0.31	U
Bromomethane	*74-83-9*	*10*	0.39	U	0.39	U	0.39	U	0.39	U	0.39	U	0.39	U
2-Butanone (MEK)	*78-93-3*	*300*	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Carbon Disulfide	*75-15-0*	*700*	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Carbon tetrachloride	*56-23-5*	*1*	0.24	U	0.24	U	0.24	U	0.24	U	0.24	U	0.24	U
Chlorobenzene	*108-90-7*	*50*	0.27	U	0.27	U	0.27	U	0.85	J	**70.5**		**83.5**	
Chloroethane	*75-00-3*	*5*	0.56	U	0.56	U	0.56	U	0.56	U	0.56	U	0.56	U
Chloroform	*67-66-3*	*70*	1.1		2.2		2.3		0.2	U	1		0.2	U
Chloromethane	*74-87-3*	*100*	0.33	U	0.33	U	0.33	U	0.33	U	0.33	U	0.33	U
cis-1,2-Dichloroethene	*156-59-2*	*70*	9.7		0.33	U	0.79	J	0.42	J	0.68	J	0.33	U
cis-1,3-Dichloropropene	*10061-01-5*	*--*	0.28	U	0.28	U	0.28	U	0.28	U	0.28	U	0.28	U
Cyclohexane	*110-82-7*	*100*	0.37	U	0.37	U	0.37	U	0.37	U	0.37	U	0.61	J
1,2-Dibromo-3-chloropropane	*96-12-8*	*0.02*	*1.2*	U	*1.2*	U	*1.2*	U	*1.2*	U	*1.2*	U	*1.2*	U
Dibromochloromethane	*124-48-1*	*1*	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
1,2-Dibromoethane	*106-93-4*	*0.03*	*0.23*	U	*0.23*	U	*0.23*	U	*0.23*	U	*0.23*	U	*0.23*	U
1,2-Dichlorobenzene	*95-50-1*	*600*	0.16	U	0.16	U	0.16	U	0.39	J	0.75	J	0.16	U
1,3-Dichlorobenzene	*541-73-1*	*600*	0.26	U	0.26	U	0.26	U	0.26	U	0.71	J	0.26	U
1,4-Dichlorobenzene	*106-46-7*	*75*	0.24	U	0.24	U	0.24	U	0.24	U	2.4		0.25	J
Dichlorodifluoromethane	*75-71-8*	*1000*	0.73	U	0.73	U	0.73	U	0.73	U	0.73	U	0.73	U
1,1-Dichloroethane	*75-34-3*	*50*	42.9		0.35	U	0.35	U	0.35	U	0.35	U	0.35	U
1,2-Dichloroethane	*107-06-2*	*2*	0.3	U	0.3	U	0.3	U	0.3	U	0.3	U	0.3	U
1,1-Dichloroethene	*75-35-4*	*1*	**57.3**		0.5	U	0.5	U	0.5	U	0.68	J	0.5	U
1,2-Dichloropropane	*78-87-5*	*1*	0.43	U	0.43	U	0.43	U	0.43	U	0.43	U	0.43	U
1,3-Dichloropropene (total)	*542-75-6*	*1*	ND	U	ND	U	ND	U	ND	U	ND	U	ND	U
Ethylbenzene	*100-41-4*	*700*	0.4	U	0.4	U	0.4	U	2.6		6.1		0.4	U
2-Hexanone	*591-78-6*	*300*	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U
Isopropylbenzene	*98-82-8*	*700*	0.26	U	0.26	U	0.26	U	17.4		34.3		0.48	J
Methyl Acetate	*79-20-9*	*7000*	3.1	U	3.1	U	3.1	U	3.1	U	3.1	U	3.1	U
Methyl Tert Butyl Ether (MTBE)	*1634-04-4*	*70*	4.5		0.26	U	0.26	U	0.26	U	0.63	J	6.7	
4-methyl-2-pentanone (MIBK)	*108-10-1*	*100*	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U
Methylcyclohexane	*108-87-2*	*100*	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U
Methylene chloride	*75-09-2*	*3*	0.81	U	0.81	U	0.81	U	0.81	U	0.81	U	0.81	U
Styrene	*100-42-5*	*100*	0.26	U	0.26	U	0.26	U	0.26	U	0.26	U	0.26	U
1,1,2,2-Tetrachloroethane	*79-34-5*	*1*	0.39	U	0.39	U	0.39	U	0.39	U	0.39	U	0.39	U
Tetrachloroethene	*127-18-4*	*1*	**14.7**		0.53	J	**188**		0.35	U	0.35	U	0.35	U
Toluene	*108-88-3*	*600*	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U	0.22	J
trans-1,2-Dichloroethene	*156-60-5*	*100*	0.51	U	0.51	U	0.51	U	0.51	U	0.51	U	0.51	U
trans-1,3-Dichloropropene	*10061-02-6*	*--*	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U
Freon 113	*76-13-1*	*100*	0.45	U	0.45	U	0.45	U	0.45	U	0.45	U	0.45	U
1,2,3-Trichlorobenzene	*87-61-6*	*100*	0.26	U	0.26	U	0.26	U	0.26	U	0.26	U	0.26	U
1,1,1-Trichloroethane	*71-55-6*	*30*	11		0.32	U	0.32	U	0.32	U	0.32	U	0.32	U
1,1,2-Trichloroethane	*79-00-5*	*3*	0.28	U	0.28	U	0.28	U	0.28	U	0.28	U	0.28	U
Trichloroethene	*79-01-6*	*1*	**15.1**		0.25	U	**2.6**		0.25	U	0.25	U	0.25	U
Trichlorofluoromethane	*75-69-4*	*2000*	0.28	U	0.28	U	0.28	U	0.28	U	0.28	U	0.28	U
1,2,4-Trichlorobenzene	*120-82-1*	*9*	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U
Vinyl Chloride	*75-01-4*	*1*	0.36	J	0.17	U	0.17	U	0.17	U	0.77	J	0.17	U
m,p-Xylene	*179601-23-1*	*--*	0.45	U	0.45	U	0.45	U	0.45	U	18.1		0.45	U
o-Xylene	*95-47-6*	*--*	0.2	U	0.2	U	0.2	U	0.2	U	192		0.2	U
Xylenes (total)	*1330-20-7*	*1000*	0.2	U	0.2	U	0.2	U	0.2	U	210.1		0.2	U
Total VOC TIC	*SRP170*	*500*	ND	U	ND	U	ND	U	6.1	J	187	J	382.4	J

GWQS = NJDEP's Ground Water Quality Standard
Bold indicates concentrations above the GWQS
ND = Not Detected
NA = Not Analyzed
J = Estimated value below sample reporting limit
U = Compound not detected above MDL
Values in italics indicate MDL above applicable criterion.
B = Detected in the method blank

Table 6-5
Summary of Volatile Organic Compounds (VOCs) in Ground Water
Hoffmann-La Roche Inc. - Nutley, New Jersey
Supplemental Sample Results

		Sample No.:	MW-351B-52.53		MW-351C-82.5	
		Date Sampled:	8/19/2014		8/19/2014	
		LAB Sample ID:	JB74462-6		JB74462-5	
		LAB:	Accutest		Accutest	
Parameter (ug/l)	***CAS No.***	***GWQS***				
Acetone	*67-64-1*	*6000*	2.6	U	2.6	U
Benzene	*71-43-2*	*1*	0.21	U	0.21	U
Bromochloromethane	*74-97-5*	*100*	0.49	U	0.49	U
Bromodichloromethane	*75-27-4*	*1*	0.28	U	0.28	U
Bromoform	*75-25-2*	*4*	0.31	U	0.31	U
Bromomethane	*74-83-9*	*10*	0.39	U	0.39	U
2-Butanone (MEK)	*78-93-3*	*300*	2.5	U	2.5	U
Carbon Disulfide	*75-15-0*	*700*	0.5	U	0.5	U
Carbon tetrachloride	*56-23-5*	*1*	0.24	U	0.24	U
Chlorobenzene	*108-90-7*	*50*	0.27	U	0.27	U
Chloroethane	*75-00-3*	*5*	0.56	U	0.56	U
Chloroform	*67-66-3*	*70*	0.2	U	0.25	J
Chloromethane	*74-87-3*	*100*	0.33	U	0.33	U
cis-1,2-Dichloroethene	*156-59-2*	*70*	2.4		1.1	
cis-1,3-Dichloropropene	*10061-01-5*	*--*	0.28	U	0.28	U
Cyclohexane	*110-82-7*	*100*	0.37	U	0.37	U
1,2-Dibromo-3-chloropropane	*96-12-8*	*0.02*	*1.2*	U	*1.2*	U
Dibromochloromethane	*124-48-1*	*1*	0.25	U	0.25	U
1,2-Dibromoethane	*106-93-4*	*0.03*	*0.23*	U	*0.23*	U
1,2-Dichlorobenzene	*95-50-1*	*600*	0.16	U	0.16	U
1,3-Dichlorobenzene	*541-73-1*	*600*	0.26	U	0.26	U
1,4-Dichlorobenzene	*106-46-7*	*75*	0.24	U	0.24	U
Dichlorodifluoromethane	*75-71-8*	*1000*	0.73	U	0.73	U
1,1-Dichloroethane	*75-34-3*	*50*	0.35	U	0.35	U
1,2-Dichloroethane	*107-06-2*	*2*	0.3	U	0.3	U
1,1-Dichloroethene	*75-35-4*	*1*	0.5	U	0.75	J
1,2-Dichloropropane	*78-87-5*	*1*	0.43	U	0.43	U
1,3-Dichloropropene (total)	*542-75-6*	*1*	ND	U	ND	U
Ethylbenzene	*100-41-4*	*700*	0.4	U	0.4	U
2-Hexanone	*591-78-6*	*300*	1.7	U	1.7	U
Isopropylbenzene	*98-82-8*	*700*	0.26	U	0.26	U
Methyl Acetate	*79-20-9*	*7000*	3.1	U	3.1	U
Methyl Tert Butyl Ether (MTBE)	*1634-04-4*	*70*	0.26	U	0.26	U
4-methyl-2-pentanone (MIBK)	*108-10-1*	*100*	1.1	U	1.1	U
Methylcyclohexane	*108-87-2*	*100*	0.22	U	0.22	U
Methylene chloride	*75-09-2*	*3*	0.81	U	0.81	U
Styrene	*100-42-5*	*100*	0.26	U	0.26	U
1,1,2,2-Tetrachloroethane	*79-34-5*	*1*	0.39	U	0.39	U
Tetrachloroethene	*127-18-4*	*1*	**31.9**		**33.7**	
Toluene	*108-88-3*	*600*	0.22	U	0.22	U
trans-1,2-Dichloroethene	*156-60-5*	*100*	0.51	U	0.51	U
trans-1,3-Dichloropropene	*10061-02-6*	*--*	0.32	U	0.32	U
Freon 113	*76-13-1*	*100*	0.45	U	0.45	U
1,2,3-Trichlorobenzene	*87-61-6*	*100*	0.26	U	0.26	U
1,1,1-Trichloroethane	*71-55-6*	*30*	0.32	U	0.32	U
1,1,2-Trichloroethane	*79-00-5*	*3*	0.28	U	0.28	U
Trichloroethene	*79-01-6*	*1*	**1.3**		**1.1**	
Trichlorofluoromethane	*75-69-4*	*2000*	0.28	U	0.28	U
1,2,4-Trichlorobenzene	*120-82-1*	*9*	0.22	U	0.22	U
Vinyl Chloride	*75-01-4*	*1*	0.17	U	0.17	U
m,p-Xylene	*179601-23-1*	*--*	0.45	U	0.45	U
o-Xylene	*95-47-6*	*--*	0.2	U	0.2	U
Xylenes (total)	*1330-20-7*	*1000*	0.2	U	0.2	U
Total VOC TIC	*SRP170*	*500*	ND	U	ND	U

GWQS = NJDEP's Ground Water Quality Standard
Bold indicates concentrations above the GWQS
ND = Not Detected
NA = Not Analyzed
J = Estimated value below sample reporting limit
U = Compound not detected above MDL
Values in italics indicate MDL above applicable criterion.
B = Detected in the method blank