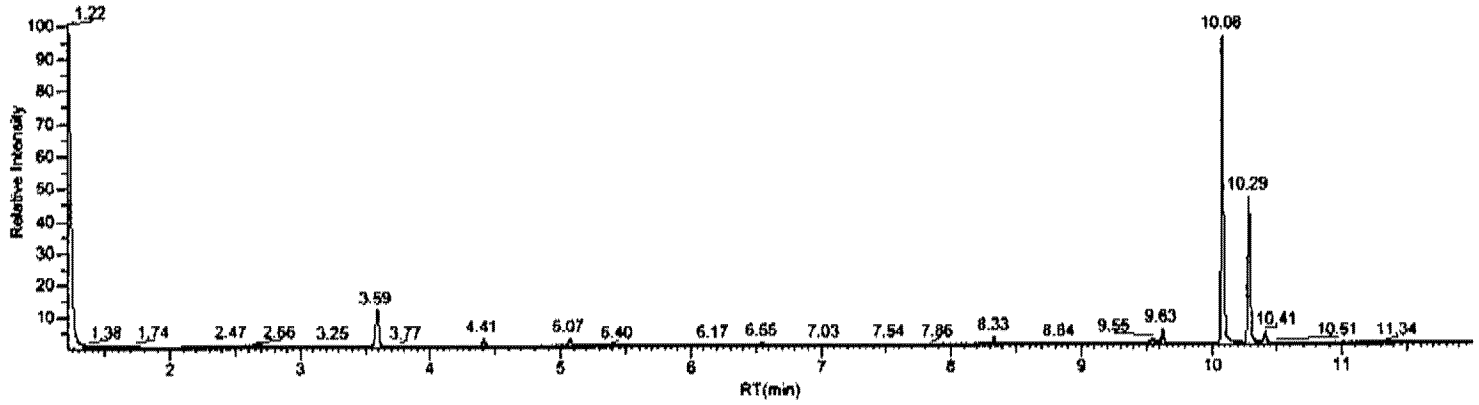
Quantitation Report

Lab Name: Huntington Water
Instrument: Thermo Scientific Instrument
User:
Batch: Spill3_1132014_a

Method: Spill3_1132014_a_EPAMethod524_List
EPAMethod524_List
Cali File: EPAMethod524_List_1102014_gcalibration_Spill3_1132014_a.calx

Vial Pos	Sample ID	File Name	Level	Sample Name	File Date	Comment
49	Sample	1132014_a049	N/A	Hyd #6014 Zone 10 011314 1630	1/14/2014 6:23:03 AM	

C:\Thermo\TraceFinder\3.0\EFS\Projects\2014\Jan\Spill3_1132014_a\Data\1132014_a049.raw



Internal Standards	RT	Quan Peak	Response			Injected Conc	Units	Calculated Conc	Units
fluorobenzene(ISTD)	4.41	96.00 mz	253424			5.000	ug/L	5.000	ug/L
Surrogates	**RT**	**Quan Peak**	**Response**	**Curve Type**	**Average RF/ Response Ratio**	**Injected Conc**	**Units**	**Calculated Conc**	**Units**
4-bromofluorobenzene(surr)	8.33	95.00 mz	92187	Average RF	0.364	4.402	ug/L	4.402	ug/L
1,2-dichlorobenzene_d4(surr)	9.62	152.00 mz	140507	Average RF	0.554	6.674	ug/L	6.674	ug/L
Target Compounds	**RT**	**Quan Peak**	**Response**	**Curve Type**	**Average RF/ Response Ratio**	**Injected Conc**	**Units**	**Calculated Conc**	**Units**
dichlorodifluoromethane	1.24	85.00 mz	221	Average RF	0.001	0.015	ug/L	0.015	ug/L
chloromethane	1.31	50.00 mz	401	Average RF	0.002	0.013	ug/L	0.013	ug/L
vinylchloride	N/F	62.00 mz	N/F	N/F	N/F	N/F	ug/L	N/F	ug/L
bromomethane	1.53	94.00 mz	542	Average RF	0.002	0.044	ug/L	0.044	ug/L
chloroethane	1.61	64.00 mz	1826	Average RF	0.007	0.123	ug/L	0.123	ug/L
trichlorofluoromethane	1.71	101.00 mz	31	Average RF	0.000	0.002	ug/L	0.002	ug/L

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Target Compounds	RT	Quan Peak	Response	Curve Type	Average RF/ Response Ratio	Injected Conc	Units	Calculated Conc	Units
1,1-dichloroethene	1.99	61.00 mz	561	Average RF	0.002	0.016	ug/L	0.016	ug/L
methylene_chloride	N/F	84.00 mz	N/F	N/F	N/F	N/F	ug/L	N/F	ug/L
trans-1,2-dichloroethene	N/F	96.00 mz	N/F	N/F	N/F	N/F	ug/L	N/F	ug/L
1,1-dichloroethane	2.83	63.00 mz	929	Average RF	0.004	0.021	ug/L	0.021	ug/L
cis-1,2-dichloroethene	3.24	96.00 mz	250	Average RF	0.001	0.015	ug/L	0.015	ug/L
2,2-dichloropropane	N/F	77.00 mz	N/F	N/F	N/F	N/F	ug/L	N/F	ug/L
bromochloromethane	3.63	128.00 mz	100	Average RF	0.000	0.018	ug/L	0.018	ug/L
carbon_tetrachloride	3.59	117.00 mz	13081	Average RF	0.052	0.799	ug/L	0.799	ug/L
chloroform	3.59	83.00 mz	1551615	Average RF	6.123	46.282	ug/L	46.282	ug/L
1,1,1-trichloroethane	3.63	97.00 mz	312	Average RF	0.001	0.013	ug/L	0.013	ug/L
1,1-dichloropropene	3.76	75.00 mz	221	Average RF	0.001	0.006	ug/L	0.006	ug/L
benzene	N/F	78.00 mz	N/F	N/F	N/F	N/F	ug/L	N/F	ug/L
1,2-dichloroethane	4.14	62.00 mz	54	Average RF	0.000	0.001	ug/L	0.001	ug/L
trichloroethene	4.41	95.00 mz	25834	Average RF	0.102	1.347	ug/L	1.347	ug/L
dibromomethane	4.83	93.00 mz	171	Average RF	0.001	0.014	ug/L	0.014	ug/L
1,2-dichloropropane	N/F	63.00 mz	N/F	N/F	N/F	N/F	ug/L	N/F	ug/L
bromodichloromethane	5.07	83.00 mz	250129	Average RF	0.987	7.736	ug/L	7.736	ug/L
cis-1,3-dichloropropene	5.60	75.00 mz	84	Average RF	0.000	0.002	ug/L	0.002	ug/L
toluene	5.74	92.00 mz	143	Average RF	0.001	0.003	ug/L	0.003	ug/L
tetrachloroethene	6.08	166.00 mz	34	Average RF	0.000	0.001	ug/L	0.001	ug/L
trans-1,3-dichloropropene	6.06	75.00 mz	3277	Average RF	0.013	0.066	ug/L	0.066	ug/L
1,1,2-trichloroethane	6.32	83.00 mz	162	Average RF	0.001	0.009	ug/L	0.009	ug/L

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Target Compounds	RT	Quan Peak	Response	Curve Type	Average RF/ Response Ratio	Injected Conc	Units	Calculated Conc	Units
dibromochloromethane	6.54	129.00 mz	29440	Average RF	0.116	1.691	ug/L	1.691	ug/L
1,3-dichloropropane	6.56	76.00 mz	9585	Average RF	0.038	0.184	ug/L	0.184	ug/L
1,2-dibromoethane	6.64	107.00 mz	234	Average RF	0.001	0.012	ug/L	0.012	ug/L
chlorobenzene	N/F	112.00 mz	N/F	N/F	N/F	N/F	ug/L	N/F	ug/L
ethylbenzene	N/F	91.00 mz	N/F	N/F	N/F	N/F	ug/L	N/F	ug/L
1,1,1,2-tetrachloroethane	7.28	131.00 mz	52	Average RF	0.000	0.005	ug/L	0.005	ug/L
m&p-xylene	7.40	106.00 mz	108	Average RF	0.000	0.003	ug/L	0.003	ug/L
o-xylene	7.78	106.00 mz	120	Average RF	0.000	0.004	ug/L	0.004	ug/L
styrene	N/F	104.00 mz	N/F	N/F	N/F	N/F	ug/L	N/F	ug/L
bromoform	7.86	173.00 mz	2107	Average RF	0.008	0.141	ug/L	0.141	ug/L
isopropylbenzene	N/F	105.00 mz	N/F	N/F	N/F	N/F	ug/L	N/F	ug/L
bromobenzene	8.33	156.00 mz	203	Average RF	0.001	0.007	ug/L	0.007	ug/L
n-propylbenzene	8.44	91.00 mz	96	Average RF	0.000	0.001	ug/L	0.001	ug/L
1,1,2,2-tetrachloroethane	8.52	83.00 mz	182	Average RF	0.001	0.005	ug/L	0.005	ug/L
2-chlorotoluene	N/F	91.00 mz	N/F	N/F	N/F	N/F	ug/L	N/F	ug/L
1,2,3-trichloropropane	8.61	75.00 mz	114	Average RF	0.000	0.002	ug/L	0.002	ug/L
1,3,5-trimethylbenzene	8.65	105.00 mz	187	Average RF	0.001	0.003	ug/L	0.003	ug/L
4-chlorotoluene	N/F	91.00 mz	N/F	N/F	N/F	N/F	ug/L	N/F	ug/L
tert-butylbenzene	8.88	119.00 mz	16	Average RF	0.000	0.000	ug/L	0.000	ug/L
1,2,4-trimethylbenzene	N/F	105.00 mz	N/F	N/F	N/F	N/F	ug/L	N/F	ug/L
sec-butylbenzene	N/F	105.00 mz	N/F	N/F	N/F	N/F	ug/L	N/F	ug/L
p-isopropyltoluene	N/F	119.00 mz	N/F	N/F	N/F	N/F	ug/L	N/F	ug/L

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Target Compounds	RT	Quan Peak	Response	Curve Type	Average RF/ Response Ratio	Injected Conc	Units	Calculated Conc	Units
1,3-dichlorobenzene	9.17	146.00 mz	38	Average RF	0.000	0.001	ug/L	0.001	ug/L
1,4-dichlorobenzene	N/F	146.00 mz	N/F	N/F	N/F	N/F	ug/L	N/F	ug/L
n-butylbenzene	9.55	91.00 mz	24385	Average RF	0.096	0.286	ug/L	0.286	ug/L
1,2-dichlorobenzene	9.58	146.00 mz	64	Average RF	0.000	0.001	ug/L	0.001	ug/L
4-methylcyclohexanemethanol	10.08	55.11 mz	8486771	Ext Curve	33.488	2249.568	ug/L	2249.568	ug/L
check later	10.29	75.00 mz	18416	Average RF	0.073	1.187	ug/L	1.187	ug/L
4-(methoxymethyl)cyclohexanemethanol	10.29	55.11 mz	3777845	Ext Curve	14.907	1001.384	ug/L	1001.384	ug/L
hexachlorobutadiene	10.76	225.00 mz	6	Average RF	0.000	0.002	ug/L	0.002	ug/L
1,2,4-trichlorobenzene	N/F	180.00 mz	N/F	N/F	N/F	N/F	ug/L	N/F	ug/L
naphthalene	11.11	128.00 mz	906	Average RF	0.004	0.013	ug/L	0.013	ug/L
1,2,3-trichlorobenzene	N/F	180.00 mz	N/F	N/F	N/F	N/F	ug/L	N/F	ug/L

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TIC Summary Report

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Vial Pos	Sample ID	File Name	Level	Sample Name	File Date	Comment
49	Sample	1132014_a049	N/A	Hyd #6014 Zone 10 01131	1/14/2014 6:23:03 AM	

Internal Standards

Internal Standard	ISTD#	RT	Response	Injected Conc	Injected Units	Sample Conc	Sample Units
fluorobenzene(ISTD)	1	4.41	951122	5.000	ug/L	5.000	ug/L

Qualitatively-identified Compounds

Compound	Uses ISTD#	RT	Response	Injected Conc	Injected Units	Sample Conc	Sample Units	Flag

Manually integrated [ ] Flag legend: P = Library entry selected manually

Freedom_0001920_0005