Freedom_0001919_0001

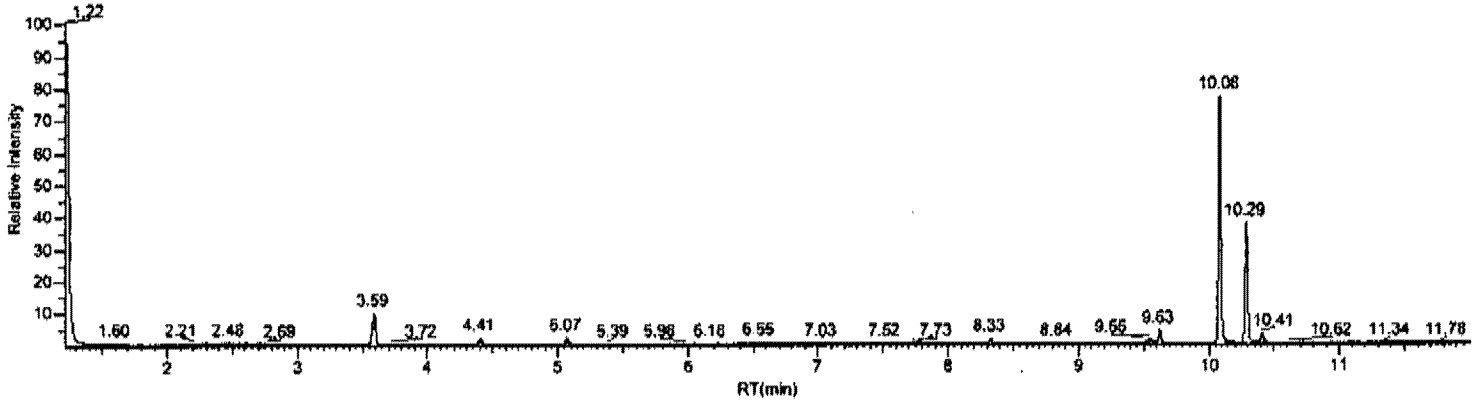
Quantitation Report

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
51	Sample	1132014_a051	N/A	Zone 13 Rt 17 Mifflin Rd 011314 15	1/14/2014 7:13:07 AM	

C:\Thermo\TraceFinder\3.0\EFS\Projects\2014\Jan\Spill3_1132014_a\Data\1132014_a051.raw



Internal Standards	RT	Quan Peak	Response			Injected Conc	Units	Calculated Conc	Units
fluorobenzene(ISTD)	4.41	96.00 mz	307829			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	102739	Average RF	0.334	4.039	ug/L	4.039	ug/L
1,2-dichlorobenzene_d4(surr)	9.62	152.00 mz	159231	Average RF	0.517	6.227	ug/L	6.227	ug/L
Target Compounds	**RT**	**Quan Peak**	**Response**	**Curve Type**	**Average RF/ Response Ratio**	**Injected Conc**	**Units**	**Calculated Conc**	**Units**
dichlorodifluoromethane	1.25	85.00 mz	237	Average RF	0.001	0.013	ug/L	0.013	ug/L
chloromethane	1.31	50.00 mz	533	Average RF	0.002	0.015	ug/L	0.015	ug/L
vinylchloride	N/F	62.00 mz	N/F	N/F	N/F	N/F	ug/L	N/F	ug/L
bromomethane	1.55	94.00 mz	460	Average RF	0.001	0.031	ug/L	0.031	ug/L
chloroethane	1.61	64.00 mz	2271	Average RF	0.007	0.126	ug/L	0.126	ug/L
trichlorofluoromethane	1.69	101.00 mz	126	Average RF	0.000	0.005	ug/L	0.005	ug/L

Manually Integrated

Freedom_0001919_0002

Quantitation Report

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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

Target Compounds	RT	Quan Peak	Response	Curve Type	Average RF/ Response Ratio	Injected Conc	Units	Calculated Conc	Units
1,1-dichloroethene	N/F	61.00 mz	N/F	N/F	N/F	N/F	ug/L	N/F	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	2.80	63.00 mz	246	Average RF	0.001	0.005	ug/L	0.005	ug/L
cis-1,2-dichloroethene	3.21	96.00 mz	212	Average RF	0.001	0.010	ug/L	0.010	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	3.48	128.00 mz	64	Average RF	0.000	0.009	ug/L	0.009	ug/L
carbon_tetrachloride	3.58	117.00 mz	11596	Average RF	0.038	0.583	ug/L	0.583	ug/L
chloroform	3.59	83.00 mz	1646950	Average RF	5.350	40.443	ug/L	40.443	ug/L
1,1,1-trichloroethane	3.64	97.00 mz	135	Average RF	0.000	0.005	ug/L	0.005	ug/L
1,1-dichloropropene	3.73	75.00 mz	87	Average RF	0.000	0.002	ug/L	0.002	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	4.12	62.00 mz	67	Average RF	0.000	0.001	ug/L	0.001	ug/L
trichloroethene	4.41	95.00 mz	31742	Average RF	0.103	1.363	ug/L	1.363	ug/L
dibromomethane	4.83	93.00 mz	57	Average RF	0.000	0.004	ug/L	0.004	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	287225	Average RF	0.933	7.313	ug/L	7.313	ug/L
cis-1,3-dichloropropene	5.57	75.00 mz	57	Average RF	0.000	0.001	ug/L	0.001	ug/L
toluene	5.86	92.00 mz	697	Average RF	0.002	0.012	ug/L	0.012	ug/L
tetrachloroethene	6.18	166.00 mz	17631	Average RF	0.057	0.608	ug/L	0.608	ug/L
trans-1,3-dichloropropene	N/F	75.00 mz	N/F	N/F	N/F	N/F	ug/L	N/F	ug/L
1,1,2-trichloroethane	6.34	83.00 mz	115	Average RF	0.000	0.005	ug/L	0.005	ug/L

Manually integrated

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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	34113	Average RF	0.111	1.613	ug/L	1.613	ug/L
1,3-dichloropropane	6.56	76.00 mz	12544	Average RF	0.041	0.198	ug/L	0.198	ug/L
1,2-dibromoethane	6.66	107.00 mz	216	Average RF	0.001	0.009	ug/L	0.009	ug/L
chlorobenzene	7.25	112.00 mz	40	Average RF	0.000	0.001	ug/L	0.001	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	7.27	131.00 mz	110	Average RF	0.000	0.008	ug/L	0.008	ug/L
m&p-xylene	7.40	106.00 mz	158	Average RF	0.001	0.004	ug/L	0.004	ug/L
o-xylene	7.75	106.00 mz	52	Average RF	0.000	0.001	ug/L	0.001	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	1446	Average RF	0.005	0.080	ug/L	0.080	ug/L
isopropylbenzene	N/F	105.00 mz	N/F	N/F	N/F	N/F	ug/L	N/F	ug/L
bromobenzene	8.35	156.00 mz	30	Average RF	0.000	0.001	ug/L	0.001	ug/L
n-propylbenzene	8.41	91.00 mz	224	Average RF	0.001	0.002	ug/L	0.002	ug/L
1,1,2,2-tetrachloroethane	8.51	83.00 mz	94	Average RF	0.000	0.002	ug/L	0.002	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	154	Average RF	0.001	0.003	ug/L	0.003	ug/L
1,3,5-trimethylbenzene	8.64	105.00 mz	97	Average RF	0.000	0.001	ug/L	0.001	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	8.87	119.00 mz	113	Average RF	0.000	0.002	ug/L	0.002	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

Manually integrated

Freedom_0001919_0004

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EPAMethod524_List
Cali File: EPAMethod524_List_1102014_gcalibration_Spill3_1132014_a.calx

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	132	Average RF	0.000	0.002	ug/L	0.002	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	24510	Average RF	0.080	0.237	ug/L	0.237	ug/L
1,2-dichlorobenzene	9.56	146.00 mz	35	Average RF	0.000	0.001	ug/L	0.001	ug/L
4-methylcyclohexanemethanol	10.08	55.11 mz	8148030	Ext Curve	26.469	1778.069	ug/L	1778.069	ug/L
check later	10.29	75.00 mz	20135	Average RF	0.065	1.068	ug/L	1.068	ug/L
4-(methoxymethyl)cyclohexanemethanol	10.29	55.11 mz	3784010	Ext Curve	12.293	825.749	ug/L	825.749	ug/L
hexachlorobutadiene	10.79	225.00 mz	57	Average RF	0.000	0.012	ug/L	0.012	ug/L
1,2,4-trichlorobenzene	10.85	180.00 mz	96	Average RF	0.000	0.002	ug/L	0.002	ug/L
naphthalene	11.11	128.00 mz	802	Average RF	0.003	0.010	ug/L	0.010	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

Manually integrated

TIC Summary Report

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Batch: Spill3_1132014_a

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Vial Pos	Sample ID	File Name	Level	Sample Name	File Date	Comment
51	Sample	1132014_a051	N/A	Zone 13 Rt 17 Mifflin Rd 01	1/14/2014 7:13:07 AM	

Internal Standards

Internal Standard	ISTD#	RT	Response	Injected Conc	Injected Units	Sample Conc	Sample Units
fluorobenzene(ISTD)	1	4.41	1107528	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