

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U050420\
 Data File : VU038000.D
 Acq On : 04 May 2020 12:39
 Operator : JC/MD
 Sample : VSTDICCC010
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

Manual Integrations
 APPROVED

apatel
 5/5/2020 11:15:47 AM

Quant Time: May 05 02:00:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U050420DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue May 05 01:36:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	6.14	96	89896	1.00	ug/l	0.00

System Monitoring Compounds

57) 4-Bromofluorobenzene	10.65	95	35078	1.01	ug/l	0.00
Spiked Amount 1.000			Recovery	=	101.00%	
68) 1,2-Dichlorobenzene-d4	12.20	152	33024	0.94	ug/l	0.00
Spiked Amount 1.000			Recovery	=	94.00%	

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Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.39	85	300947	7.208	ug/l	100
3) Chloromethane	1.54	50	341761	8.117	ug/l	100
4) Vinyl Chloride	1.62	62	353107	9.331	ug/l	100
5) Bromomethane	1.87	94	175669	12.313	ug/l	100
6) Chloroethane	1.95	64	211146	11.141	ug/l	100
7) Trichlorofluoromethane	2.16	101	369141	8.153	ug/l	100
8) 1,1,2-Trichloro-1,2,2-trif	2.60	101	228711	10.341	ug/l	100
9) 1,1-Dichloroethene	2.60	96	225058	10.622	ug/l	100
10) Iodomethane	2.75	142	205219	19.400	ug/l	100
11) Allyl Chloride	2.95	41	426882	10.404	ug/l	100
12) Acrylonitrile	3.35	53	125751	24.282	ug/l	100
13) Acetone	2.66	43	246699	44.809	ug/l	100
14) Carbon Disulfide	2.82	76	824621	11.488	ug/l	100
15) Methylene Chloride	3.07	84	267230	9.952	ug/l	100
16) trans-1,2-Dichloroethene	3.38	96	249171	10.991	ug/l	100
17) 1,1-Dichloroethane	3.91	63	470230	9.242	ug/l	100
18) 2-Butanone	4.76	43	369973	44.555	ug/l	100
19) Cyclohexane	5.42	56	460954m	10.506	ug/l	100
20) Methylcyclohexane	6.79	83	464724	10.682	ug/l	100
21) 2,2-Dichloropropane	4.70	77	396522	8.634	ug/l	100
22) cis-1,2-Dichloroethene	4.71	96	265725	9.734	ug/l	100
23) Diethyl Ether	2.40	59	200136	11.016	ug/l	100
24) tert-Butyl Alcohol	3.23	59	205919	105.778	ug/l	100
25) Methyl tert-Butyl Ether	3.41	73	621409	10.087	ug/l	100
26) Bromochloromethane	5.01	128	105824	8.927	ug/l	100
27) Chloroform	5.13	83	438379	8.134	ug/l	100
28) 1,1,1-Trichloroethane	5.35	97	370287	8.113	ug/l	100
29) 1,1-Dichloropropene	5.56	75	370973	9.729	ug/l	100
30) Carbon Tetrachloride	5.56	117	312298	7.900	ug/l	100
31) Isopropyl Ether	4.04	45	787650	9.675	ug/l	100
32) Ethyl-t-butyl ether	4.55	59	714915	9.373	ug/l	100
33) Tert-Amyl methyl ether	5.98	73	612639	9.378	ug/l	100
34) Propionitrile	4.82	54	105524	48.229	ug/l	100
35) Benzene	5.81	78	1027499	9.505	ug/l	100
36) 1,2-Dichloroethane	5.83	62	302405	7.918	ug/l	100
37) Trichloroethene	6.57	130	263527	9.275	ug/l	100
38) 1,2-Dichloropropane	6.82	63	274335	9.288	ug/l	100
39) Methacrylonitrile	5.02	41	95840	9.170	ug/l	100
40) Methyl acrylate	4.89	55	146988	9.949	ug/l	100
41) Tetrahydrofuran	5.10	42	93470	17.943	ug/l	100
42) 1-Chlorobutane	5.49	56	534498	9.760	ug/l	100

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43) Dibromomethane	6.95	93	126378	8.470	ug/l	100
44) Bromodichloromethane	7.13	83	327771	8.476	ug/l	100
45) 4-Methyl-2-Pentanone	7.82	43	883686	44.040	ug/l	100
46) t-1,4-Dichloro-2-butene	10.85	75	122739m	22.408	ug/l	100
47) Methyl methacrylate	6.99	69	267177	21.187	ug/l	100
48) Ethyl methacrylate	8.36	69	254188	10.225	ug/l	100
49) Toluene	7.99	92	659687	10.119	ug/l	100
50) t-1,3-Dichloropropene	8.23	75	341487	9.622	ug/l	100
51) cis-1,3-Dichloropropene	7.63	75	409003	9.988	ug/l	100
52) 1,1,2-Trichloroethane	8.42	97	180766	9.011	ug/l	100
53) 1,3-Dichloropropane	8.60	76	344388	9.575	ug/l	100
54) 2-Hexanone	8.71	43	622019	45.107	ug/l	100
55) Dibromochloromethane	8.83	129	207598	8.494	ug/l	100
56) 1,2-Dibromoethane	8.95	107	172103	9.150	ug/l	100
58) Tetrachloroethene	8.57	164	256322	9.608	ug/l	100
59) Chlorobenzene	9.47	112	698198	9.603	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.56	131	215763	8.353	ug/l	100
61) Pentachloroethane	11.44	117	164131	8.322	ug/l	100
62) Hexachloroethane	12.49	117	167287	7.987	ug/l	100
63) Ethyl Benzene	9.59	91	1265479	10.201	ug/l	100
64) m/p-Xylenes	9.71	106	980571	20.878	ug/l	100
65) o-Xylene	10.12	106	470999	10.366	ug/l	100
66) Styrene	10.13	104	796639	10.731	ug/l	100
67) Bromoform	10.31	173	111384	8.685	ug/l	100
69) Isopropylbenzene	10.50	105	1247957	10.113	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.80	83	236460	8.988	ug/l	100
71) 1,2,3-Trichloropropane	10.84	75	182520m	8.798	ug/l	100
72) Bromobenzene	10.80	156	276689	9.266	ug/l	100
73) n-propylbenzene	10.92	120	347844	10.610	ug/l	100
74) 2-Chlorotoluene	11.00	126	282184	9.619	ug/l	100
75) 1,3,5-Trimethylbenzene	11.10	105	1037709	9.817	ug/l	100
76) 4-Chlorotoluene	11.11	126	296558	9.992	ug/l	100
77) tert-Butylbenzene	11.44	119	981263	9.514	ug/l	100
78) 1,2,4-Trimethylbenzene	11.48	105	1066672	10.016	ug/l	100
79) sec-Butylbenzene	11.66	105	1410374	9.977	ug/l	100
80) Nitrobenzene	13.23	77	34046	56.773	ug/l	100
81) p-Isopropyltoluene	11.81	119	1153861	10.375	ug/l	100
82) 1,3-Dichlorobenzene	11.76	146	562232	9.533	ug/l	100
83) 1,4-Dichlorobenzene	11.85	146	562541	9.420	ug/l	100
84) n-Butylbenzene	12.22	91	1164121	10.940	ug/l	100
85) 1,2-Dichlorobenzene	12.22	146	520004	9.135	ug/l	100
86) 1,2-Dibromo-3-Chloropropan	13.02	75	35909	7.987	ug/l	100
87) 1,2,4-Trichlorobenzene	13.87	180	379081	12.657	ug/l	100
88) Hexachlorobutadiene	14.05	225	174446	9.754	ug/l	100
89) Naphthalene	14.12	128	747902	14.403	ug/l	100
90) 1,2,3-Trichlorobenzene	14.36	180	343203	11.897	ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

