

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U050520\
 Data File : VU038009.D
 Acq On : 05 May 2020 10:29
 Operator : JC/MD
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Manual Integrations
 APPROVED

apatel
 5/6/2020 10:39:11 AM

Quant Time: May 06 01:02:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U050420DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue May 05 02:20:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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1) Fluorobenzene	6.15	96	86212	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.65	95	37186	1.11	ug/l	0.00
Spiked Amount 1.000			Recovery	=	111.00%	
68) 1,2-Dichlorobenzene-d4	12.21	152	31428	0.97	ug/l	0.00
Spiked Amount 1.000			Recovery	=	97.00%	
Target Compounds						
					Ovalue	
2) Dichlorodifluoromethane	1.39	85	292562	9.998	ug/l	99
3) Chloromethane	1.54	50	333226	9.618	ug/l	100
4) Vinyl Chloride	1.62	62	340821	9.876	ug/l	99
5) Bromomethane	1.87	94	174517	8.428	ug/l	99
6) Chloroethane	1.95	64	200568	9.729	ug/l	97
7) Trichlorofluoromethane	2.16	101	363454	10.103	ug/l	99
8) 1,1,2-Trichloro-1,2,2-trif	2.61	101	230055	10.258	ug/l	98
9) 1,1-Dichloroethene	2.60	96	221955	9.857	ug/l	99
10) Iodomethane	2.75	142	221801	10.237	ug/l	99
11) Allyl Chloride	2.95	41	421511	10.090	ug/l	99
12) Acrylonitrile	3.35	53	129241	20.996	ug/l	98
13) Acetone	2.65	43	257870	52.374	ug/l	99
14) Carbon Disulfide	2.82	76	800997	9.742	ug/l	100
15) Methylene Chloride	3.07	84	256193	9.738	ug/l	99
16) trans-1,2-Dichloroethene	3.38	96	245530	9.965	ug/l	97
17) 1,1-Dichloroethane	3.91	63	469479	10.046	ug/l	99
18) 2-Butanone	4.75	43	373412	50.580	ug/l	100
19) Cyclohexane	5.42	56	452779m	9.991	ug/l	
20) Methylcyclohexane	6.79	83	460144	10.358	ug/l	99
21) 2,2-Dichloropropane	4.70	77	388873	9.957	ug/l	100
22) cis-1,2-Dichloroethene	4.71	96	261497	10.039	ug/l	98
23) Diethyl Ether	2.40	59	201341	10.195	ug/l	99
24) tert-Butyl Alcohol	3.22	59	186387	85.048	ug/l	98
25) Methyl tert-Butyl Ether	3.40	73	623515	10.106	ug/l	99
26) Bromochloromethane	5.01	128	104760	9.993	ug/l	97
27) Chloroform	5.13	83	432131	9.860	ug/l	100
28) 1,1,1-Trichloroethane	5.35	97	360832	9.991	ug/l	99
29) 1,1-Dichloropropene	5.56	75	365213	10.047	ug/l	99
30) Carbon Tetrachloride	5.56	117	303733	10.051	ug/l	99
31) Isopropyl Ether	4.04	45	777516	10.110	ug/l	99
32) Ethyl-t-butyl ether	4.55	59	679381	9.783	ug/l	99
33) Tert-Amyl methyl ether	5.98	73	588286	9.829	ug/l	100
34) Propionitrile	4.82	54	100555	47.574	ug/l	99
35) Benzene	5.81	78	1016048	9.989	ug/l	100
36) 1,2-Dichloroethane	5.83	62	302943	10.067	ug/l	100
37) Trichloroethene	6.57	130	256443	9.602	ug/l	96
38) 1,2-Dichloropropane	6.82	63	271482	9.919	ug/l	98
39) Methacrylonitrile	5.02	41	96363	9.733	ug/l	99
40) Methyl acrylate	4.89	55	150391	10.308	ug/l	99
41) Tetrahydrofuran	5.10	42	93305	18.893	ug/l	99
42) 1-Chlorobutane	5.49	56	525542	10.035	ug/l	100

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43) Dibromomethane	6.95	93	128873	10.107	ug/l	98
44) Bromodichloromethane	7.13	83	325721	10.170	ug/l	100
45) 4-Methyl-2-Pentanone	7.82	43	878120	50.531	ug/l	99
46) t-1,4-Dichloro-2-butene	10.85	75	117980m	21.956	ug/l	
47) Methyl methacrylate	6.99	69	268243	20.687	ug/l	98
48) Ethyl methacrylate	8.36	69	245671	10.234	ug/l	99
49) Toluene	7.99	92	648947	10.091	ug/l	99
50) t-1,3-Dichloropropene	8.23	75	329394	10.067	ug/l	100
51) cis-1,3-Dichloropropene	7.63	75	398815	10.150	ug/l	99
52) 1,1,2-Trichloroethane	8.43	97	181119	10.031	ug/l	98
53) 1,3-Dichloropropane	8.60	76	344386	10.160	ug/l	100
54) 2-Hexanone	8.71	43	614511	50.099	ug/l	100
55) Dibromochloromethane	8.83	129	204676	10.231	ug/l	100
56) 1,2-Dibromoethane	8.95	107	169486	9.951	ug/l	99
58) Tetrachloroethene	8.57	164	252735	10.139	ug/l	99
59) Chlorobenzene	9.47	112	682009	9.988	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.56	131	207618	10.015	ug/l	98
61) Pentachloroethane	11.45	117	150217	9.674	ug/l	98
62) Hexachloroethane	12.49	117	156174	9.663	ug/l	99
63) Ethyl Benzene	9.59	91	1236129	10.175	ug/l	100
64) m/p-Xylenes	9.71	106	962014	20.574	ug/l	100
65) o-Xylene	10.12	106	456503	10.016	ug/l	99
66) Styrene	10.13	104	779139	10.375	ug/l	99
67) Bromoform	10.31	173	106744	10.144	ug/l	99
69) Isopropylbenzene	10.50	105	1205331	10.128	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.80	83	233096	10.074	ug/l	96
71) 1,2,3-Trichloropropane	10.84	75	150106m	8.773	ug/l	
72) Bromobenzene	10.80	156	266550	10.027	ug/l	99
73) n-propylbenzene	10.92	120	334778	10.251	ug/l	96
74) 2-Chlorotoluene	11.00	126	274712	10.022	ug/l	99
75) 1,3,5-Trimethylbenzene	11.10	105	1023942	10.395	ug/l	99
76) 4-Chlorotoluene	11.11	126	289526	10.170	ug/l	100
77) tert-Butylbenzene	11.44	119	937341	9.997	ug/l	99
78) 1,2,4-Trimethylbenzene	11.48	105	1038832	10.242	ug/l	99
79) sec-Butylbenzene	11.66	105	1375249	10.240	ug/l	100
80) Nitrobenzene	13.23	77	32108	46.808	ug/l	98
81) p-Isopropyltoluene	11.81	119	1125097	10.380	ug/l	100
82) 1,3-Dichlorobenzene	11.76	146	541113	9.831	ug/l	100
83) 1,4-Dichlorobenzene	11.85	146	539266	9.678	ug/l	100
84) n-Butylbenzene	12.22	91	1131766	10.459	ug/l	100
85) 1,2-Dichlorobenzene	12.23	146	508482	9.925	ug/l	99
86) 1,2-Dibromo-3-Chloropropan	13.02	75	36356	9.979	ug/l	97
87) 1,2,4-Trichlorobenzene	13.87	180	358045	9.558	ug/l	99
88) Hexachlorobutadiene	14.06	225	155507	9.285	ug/l	97
89) Naphthalene	14.12	128	718473	9.975	ug/l	100
90) 1,2,3-Trichlorobenzene	14.37	180	326748	9.791	ug/l	99

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

