

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U050420\
 Data File : VU038002.D
 Acq On : 04 May 2020 14:34
 Operator : JC/MD
 Sample : VSTDICV010
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU050420

Manual Integrations
 APPROVED

apatel
 5/5/2020 11:15:55 AM

Quant Time: May 05 02:31:05 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	92568	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.65	95	36309	1.01	ug/l	0.00
Spiked Amount 1.000			Recovery	=	101.00%	
68) 1,2-Dichlorobenzene-d4	12.21	152	35815	1.03	ug/l	0.00
Spiked Amount 1.000			Recovery	=	103.00%	
Target Compounds						
					Ovalue	
2) Dichlorodifluoromethane	1.39	85	198301	6.312	ug/l	100
3) Chloromethane	1.54	50	293450	7.888	ug/l	99
4) Vinyl Chloride	1.62	62	317536	8.570	ug/l	98
5) Bromomethane	1.87	94	173131	7.787	ug/l	98
6) Chloroethane	1.95	64	197488	8.921	ug/l	99
7) Trichlorofluoromethane	2.16	101	365118	9.453	ug/l	98
8) 1,1,2-Trichloro-1,2,2-trif	2.60	101	229587	9.534	ug/l	99
9) 1,1-Dichloroethene	2.60	96	236896	9.798	ug/l	98
10) Iodomethane	2.75	142	189216	8.343	ug/l	100
11) Allyl Chloride	2.95	41	457063	10.190	ug/l	97
12) Acrylonitrile	3.35	53	321735	48.679	ug/l	97
13) Acetone	2.66	43	326355	61.732	ug/l	96
14) Carbon Disulfide	2.82	76	809848	9.173	ug/l	99
15) Methylene Chloride	3.07	84	271718	9.614	ug/l	98
16) trans-1,2-Dichloroethene	3.38	96	261723	9.893	ug/l	98
17) 1,1-Dichloroethane	3.91	63	494516	9.855	ug/l	99
18) 2-Butanone	4.76	43	421699	53.199	ug/l	99
19) Cyclohexane	5.42	56	459789m	9.449	ug/l	
20) Methylcyclohexane	6.79	83	479523	10.053	ug/l	99
21) 2,2-Dichloropropane	4.70	77	412351	9.833	ug/l	99
22) cis-1,2-Dichloroethene	4.71	96	291459	10.421	ug/l	99
23) Diethyl Ether	2.40	59	196560	9.270	ug/l	100
24) tert-Butyl Alcohol	3.23	59	106480	45.251	ug/l	99
25) Methyl tert-Butyl Ether	3.41	73	640907	9.675	ug/l	99
26) Bromochloromethane	5.01	128	91854	8.160	ug/l	99
27) Chloroform	5.13	83	468898	9.964	ug/l	98
28) 1,1,1-Trichloroethane	5.35	97	389202	10.036	ug/l	99
29) 1,1-Dichloropropene	5.56	75	386467	9.902	ug/l	99
30) Carbon Tetrachloride	5.56	117	328461	10.123	ug/l	99
31) Isopropyl Ether	4.04	45	857732	10.387	ug/l	# 1
34) Propionitrile	4.82	54	223620	98.534	ug/l	99
35) Benzene	5.81	78	1092961	10.007	ug/l	99
36) 1,2-Dichloroethane	5.83	62	322968	9.996	ug/l	98
37) Trichloroethene	6.57	130	283077	9.872	ug/l	99
38) 1,2-Dichloropropane	6.82	63	289911	9.865	ug/l	98
39) Methacrylonitrile	5.02	41	100410	9.445	ug/l	98
40) Methyl acrylate	4.89	55	157922	10.081	ug/l	98
41) Tetrahydrofuran	5.10	42	249578	47.067	ug/l	99
42) 1-Chlorobutane	5.49	56	550163	9.783	ug/l	98
43) Dibromomethane	6.95	93	134959	9.857	ug/l	100
44) Bromodichloromethane	7.13	83	352348	10.246	ug/l	99

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45) 4-Methyl-2-Pentanone	7.82	43	928269	49.749	ug/l	100
46) t-1,4-Dichloro-2-butene	10.85	75	82046m	14.221	ug/l	
47) Methyl methacrylate	6.99	69	139332	10.008	ug/l	99
48) Ethyl methacrylate	8.36	69	278111	10.790	ug/l	99
49) Toluene	8.00	92	706351	10.229	ug/l	100
50) t-1,3-Dichloropropene	8.23	75	371403	10.572	ug/l	99
51) cis-1,3-Dichloropropene	7.63	75	448654	10.634	ug/l	99
52) 1,1,2-Trichloroethane	8.43	97	196066	10.113	ug/l	98
53) 1,3-Dichloropropane	8.60	76	365535	10.043	ug/l	99
54) 2-Hexanone	8.71	43	694324	52.719	ug/l	100
55) Dibromochloromethane	8.83	129	227198	10.576	ug/l	98
56) 1,2-Dibromoethane	8.95	107	181785	9.940	ug/l	97
58) Tetrachloroethene	8.58	164	283712	10.600	ug/l	99
59) Chlorobenzene	9.47	112	729662	9.952	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.56	131	231699	10.409	ug/l	100
61) Pentachloroethane	11.45	117	173368	10.398	ug/l	98
62) Hexachloroethane	12.49	117	170907	9.849	ug/l	99
63) Ethyl Benzene	9.59	91	1380990	10.587	ug/l	99
64) m/p-Xylenes	9.71	106	1066429	21.241	ug/l	99
65) o-Xylene	10.12	106	505524	10.330	ug/l	98
66) Styrene	10.13	104	869778	10.787	ug/l	99
67) Bromoform	10.31	173	121158	10.723	ug/l	98
69) Isopropylbenzene	10.50	105	1348517	10.553	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.80	83	251579	10.126	ug/l	99
71) 1,2,3-Trichloropropane	10.84	75	151147m	8.227	ug/l	
72) Bromobenzene	10.80	156	304617	10.672	ug/l	98
73) n-propylbenzene	10.92	120	369626	10.541	ug/l	99
74) 2-Chlorotoluene	11.01	126	305195	10.369	ug/l	98
75) 1,3,5-Trimethylbenzene	11.10	105	1145520	10.831	ug/l	99
76) 4-Chlorotoluene	11.11	126	326525	10.682	ug/l	96
77) tert-Butylbenzene	11.44	119	1046702	10.397	ug/l	100
78) 1,2,4-Trimethylbenzene	11.48	105	1159353	10.646	ug/l	100
79) sec-Butylbenzene	11.66	105	1405007	9.743	ug/l	99
80) Nitrobenzene	13.23	77	6224	8.450	ug/l #	84
81) p-Isopropyltoluene	11.81	119	1259920	10.826	ug/l	100
82) 1,3-Dichlorobenzene	11.76	146	599285	10.140	ug/l	100
83) 1,4-Dichlorobenzene	11.85	146	608091	10.164	ug/l	99
84) n-Butylbenzene	12.22	91	1291818	11.118	ug/l	100
85) 1,2-Dichlorobenzene	12.23	146	556175	10.110	ug/l	99
86) 1,2-Dibromo-3-Chloropropan	13.02	75	38662	9.883	ug/l	97
87) 1,2,4-Trichlorobenzene	13.87	180	427068	10.618	ug/l	99
88) Hexachlorobutadiene	14.06	225	196904	10.950	ug/l	99
89) Naphthalene	14.12	128	826554	10.687	ug/l	100
90) 1,2,3-Trichlorobenzene	14.37	180	386331	10.781	ug/l	99

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

