

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040622\
 Data File : VU047831.D
 Acq On : 06 Apr 2022 15:37
 Operator : SY/MD
 Sample : VSTDICV010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ICSVU040622

Quant Time: Apr 07 06:22:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U040622DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Apr 07 06:19:08 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Fluorobenzene	6.118	96	54511	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.636	95	23724	1.204	ug/l	0.00
Spiked Amount 1.000			Recovery	=	120.000%	
68) 1,2-Dichlorobenzene-d4	12.195	152	24738	1.040	ug/l	0.00
Spiked Amount 1.000			Recovery	=	104.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	128628	6.625	ug/l	100
3) Chloromethane	1.527	50	190334	8.759	ug/l	98
4) Vinyl Chloride	1.607	62	164356	8.545	ug/l	100
5) Bromomethane	1.861	94	101073	8.319	ug/l	99
6) Chloroethane	1.938	64	109771	9.186	ug/l	100
7) Trichlorofluoromethane	2.144	101	239158	9.309	ug/l	99
8) 1,1,2-Trichloro-1,2,2-...	2.584	101	142130	9.582	ug/l	99
9) 1,1-Dichloroethene	2.584	96	134438	9.120	ug/l	98
10) Iodomethane	2.726	142	100458	9.945	ug/l	99
11) Allyl Chloride	2.929	41	210729	10.423	ug/l	95
12) Acrylonitrile	3.324	53	189672	51.129	ug/l	99
13) Acetone	2.642	43	205409	69.740	ug/l	99
14) Carbon Disulfide	2.797	76	371049	7.960	ug/l	100
15) Methylene Chloride	3.047	84	186883	10.851	ug/l	97
16) trans-1,2-Dichloroethene	3.356	96	156298	9.687	ug/l	98
17) 1,1-Dichloroethane	3.874	63	273288	10.316	ug/l	99
18) 2-Butanone	4.723	43	231890	59.074	ug/l	99
19) Cyclohexane	5.391	56	212415m	10.597	ug/l	
20) Methylcyclohexane	6.764	83	241566	10.807	ug/l	99
21) 2,2-Dichloropropane	4.668	77	228448	10.512	ug/l	99
22) cis-1,2-Dichloroethene	4.671	96	178777	10.760	ug/l	100
23) Diethyl Ether	2.382	59	105953	9.640	ug/l	99
24) tert-Butyl Alcohol	3.240	59	68170	55.757	ug/l	99
25) Methyl tert-Butyl Ether	3.372	73	385712	10.516	ug/l	99
26) Bromochloromethane	4.980	128	66254	8.015	ug/l	97
27) Chloroform	5.092	83	296969	10.546	ug/l	99
28) 1,1,1-Trichloroethane	5.321	97	244248	10.253	ug/l	98
29) 1,1-Dichloropropene	5.530	75	207567	10.306	ug/l	100
30) Carbon Tetrachloride	5.526	117	216741	10.457	ug/l	99
31) Isopropyl Ether	4.002	45	435546	11.873	ug/l	# 1
34) Propionitrile	4.793	54	140008	110.742	ug/l	98
35) Benzene	5.777	78	621333	10.327	ug/l	99
36) 1,2-Dichloroethane	5.800	62	185968	10.501	ug/l	100
37) Trichloroethene	6.546	130	177440	10.162	ug/l	99
38) 1,2-Dichloropropane	6.797	63	161826	10.574	ug/l	100
39) Methacrylonitrile	4.983	41	50741	11.276	ug/l	96
40) Methyl acrylate	4.854	55	84764	11.538	ug/l	100
41) Tetrahydrofuran	5.067	42	132361	52.154	ug/l	97
42) 1-Chlorobutane	5.462	56	274931	10.582	ug/l	100
43) Dibromomethane	6.922	93	93346	10.622	ug/l	100
44) Bromodichloromethane	7.108	83	223237	10.981	ug/l	98
45) 4-Methyl-2-Pentanone	7.796	43	503815	55.882	ug/l	100
46) t-1,4-Dichloro-2-butene	10.829	75	77797m	18.269	ug/l	

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) Methyl methacrylate	6.967	69	76710	10.886	ug/l	99
48) Ethyl methacrylate	8.337	69	151826	11.699	ug/l	100
49) Toluene	7.970	92	404393	11.044	ug/l	98
50) t-1,3-Dichloropropene	8.214	75	207069	11.529	ug/l	99
51) cis-1,3-Dichloropropene	7.610	75	241949	11.707	ug/l	99
52) 1,1,2-Trichloroethane	8.404	97	132422	10.663	ug/l	99
53) 1,3-Dichloropropane	8.578	76	218189	10.717	ug/l	99
54) 2-Hexanone	8.690	43	386216	59.579	ug/l	99
55) Dibromochloromethane	8.813	129	162314	10.960	ug/l	99
56) 1,2-Dibromoethane	8.925	107	129533	10.922	ug/l	99
58) Tetrachloroethene	8.555	164	167019	10.671	ug/l	99
59) Chlorobenzene	9.449	112	459131	10.654	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.536	131	168496	11.018	ug/l	99
61) Pentachloroethane	11.430	117	143508	11.266	ug/l	99
62) Hexachloroethane	12.478	117	135262	11.646	ug/l	98
63) Ethyl Benzene	9.571	91	782574	11.776	ug/l	100
64) m/p-Xylenes	9.697	106	636305	24.048	ug/l	99
65) o-Xylene	10.102	106	301574	11.929	ug/l	100
66) Styrene	10.115	104	522297	12.201	ug/l	100
67) Bromoform	10.292	173	105785	11.236	ug/l	99
69) Isopropylbenzene	10.484	105	811906	12.271	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.784	83	175196	10.923	ug/l	98
71) 1,2,3-Trichloropropane	10.825	75	130566m	10.711	ug/l	
72) Bromobenzene	10.784	156	220343	11.098	ug/l	98
73) n-propylbenzene	10.909	120	232866	12.329	ug/l	99
74) 2-Chlorotoluene	10.989	126	210649	11.793	ug/l	100
75) 1,3,5-Trimethylbenzene	11.089	105	704300	12.541	ug/l	99
76) 4-Chlorotoluene	11.099	126	224330	11.885	ug/l	99
77) tert-Butylbenzene	11.423	119	691615	12.142	ug/l	100
78) 1,2,4-Trimethylbenzene	11.468	105	702606	12.204	ug/l	100
79) sec-Butylbenzene	11.645	105	910859	12.221	ug/l	100
80) Nitrobenzene	13.211	77	7302	12.022	ug/l	94
81) p-Isopropyltoluene	11.793	119	782100	12.539	ug/l	100
82) 1,3-Dichlorobenzene	11.748	146	449755	11.286	ug/l	99
83) 1,4-Dichlorobenzene	11.838	146	451579	11.322	ug/l	99
84) n-Butylbenzene	12.211	91	730976	12.288	ug/l	100
85) 1,2-Dichlorobenzene	12.214	146	426334	11.269	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	12.999	75	27366	10.714	ug/l	97
87) 1,2,4-Trichlorobenzene	13.841	180	334495	12.159	ug/l	99
88) Hexachlorobutadiene	14.021	225	187248	11.478	ug/l	99
89) Naphthalene	14.089	128	562925	10.842	ug/l	100
90) 1,2,3-Trichlorobenzene	14.330	180	301697	11.825	ug/l	100

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

