

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU073024\
 Data File : VU060269.D
 Acq On : 30 Jul 2024 17:23
 Operator : MD/SY
 Sample : VSTDICCC010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

Quant Time: Jul 31 04:36:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U073024DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Jul 31 04:32:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.107	96	44300	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.631	95	16489	1.104	ug/l	0.00
Spiked Amount 1.000			Recovery	=	110.000%	
68) 1,2-Dichlorobenzene-d4	12.190	152	16295	1.016	ug/l	0.00
Spiked Amount 1.000			Recovery	=	102.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	164418	10.358	ug/l	100
3) Chloromethane	1.522	50	191070	10.005	ug/l	100
4) Vinyl Chloride	1.602	62	193533	10.472	ug/l	100
5) Bromomethane	1.843	94	114432	10.177	ug/l	100
6) Chloroethane	1.927	64	114760	10.327	ug/l	100
7) Trichlorofluoromethane	2.133	101	213909	10.240	ug/l	100
8) 1,1,2-Trichloro-1,2,2-...	2.573	101	121087	10.377	ug/l	100
9) 1,1-Dichloroethene	2.573	96	126912	10.672	ug/l	100
10) Iodomethane	2.715	142	153204	10.574	ug/l	100
11) Allyl Chloride	2.914	41	176032	10.233	ug/l	100
12) Acrylonitrile	3.310	53	71392	21.325	ug/l	100
13) Acetone	2.618	43	147679	50.991	ug/l	100
14) Carbon Disulfide	2.785	76	435900	10.378	ug/l	100
15) Methylene Chloride	3.036	84	154402	9.300	ug/l	100
16) trans-1,2-Dichloroethene	3.342	96	136159	10.381	ug/l	100
17) 1,1-Dichloroethane	3.856	63	264096	10.490	ug/l	100
18) 2-Butanone	4.711	43	215934	46.608	ug/l	100
19) Cyclohexane	5.367	56	232942m	10.236	ug/l	
20) Methylcyclohexane	6.753	83	207428	11.565	ug/l	100
21) 2,2-Dichloropropane	4.650	77	193314	10.325	ug/l	100
22) cis-1,2-Dichloroethene	4.654	96	147605	10.455	ug/l	100
23) Diethyl Ether	2.371	59	106908	10.501	ug/l	100
24) tert-Butyl Alcohol	3.181	59	120835	103.624	ug/l	100
25) Methyl tert-Butyl Ether	3.361	73	322121	10.551	ug/l	100
26) Bromochloromethane	4.965	128	57443	10.111	ug/l	100
27) Chloroform	5.078	83	251023	10.285	ug/l	100
28) 1,1,1-Trichloroethane	5.303	97	211217	10.501	ug/l	100
29) 1,1-Dichloropropene	5.512	75	173993	10.665	ug/l	100
30) Carbon Tetrachloride	5.509	117	172225	10.553	ug/l	100
31) Isopropyl Ether	3.991	45	400709	10.578	ug/l	100
32) Ethyl-t-butyl ether	4.502	59	380641	10.730	ug/l	100
33) Tert-Amyl methyl ether	5.946	73	288571	11.365	ug/l	100
34) Propionitrile	4.779	54	65539	49.642	ug/l	100
35) Benzene	5.763	78	548017	10.815	ug/l	100
36) 1,2-Dichloroethane	5.789	62	153159	10.468	ug/l	100
37) Trichloroethene	6.534	130	131981	10.563	ug/l	100
38) 1,2-Dichloropropane	6.785	63	152941	10.851	ug/l	100
39) Methacrylonitrile	4.975	41	51113	10.083	ug/l	100
40) Methyl acrylate	4.846	55	86206	10.353	ug/l	100
41) Tetrahydrofuran	5.062	42	53435	20.289	ug/l	100
42) 1-Chlorobutane	5.444	56	241750	10.518	ug/l	100
43) Dibromomethane	6.914	93	74284	10.642	ug/l	100
44) Bromodichloromethane	7.100	83	178018	10.670	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU073024\
 Data File : VU060269.D
 Acq On : 30 Jul 2024 17:23
 Operator : MD/SY
 Sample : VSTDICCC010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

Quant Time: Jul 31 04:36:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U073024DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Jul 31 04:32:50 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.795	43	413900	58.924	ug/l	100
46) t-1,4-Dichloro-2-butene	10.830	75	65454m	22.253	ug/l	
47) Methyl methacrylate	6.965	69	147036	24.104	ug/l	100
48) Ethyl methacrylate	8.335	69	126782	10.272	ug/l	100
49) Toluene	7.962	92	331947	11.808	ug/l	100
50) t-1,3-Dichloropropene	8.206	75	159486	11.346	ug/l	100
51) cis-1,3-Dichloropropene	7.602	75	186715	11.142	ug/l	100
52) 1,1,2-Trichloroethane	8.396	97	107520	10.662	ug/l	100
53) 1,3-Dichloropropane	8.570	76	184401	11.121	ug/l	100
54) 2-Hexanone	8.686	43	296525	56.559	ug/l	100
55) Dibromochloromethane	8.805	129	119689	10.808	ug/l	100
56) 1,2-Dibromoethane	8.920	107	99838	10.975	ug/l	100
58) Tetrachloroethene	8.547	164	129580	10.942	ug/l	100
59) Chlorobenzene	9.441	112	342975	11.366	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.528	131	124103	10.694	ug/l	100
61) Pentachloroethane	11.422	117	98000	10.648	ug/l	100
62) Hexachloroethane	12.470	117	99825	10.902	ug/l	100
63) Ethyl Benzene	9.567	91	603767	10.266	ug/l	100
64) m/p-Xylenes	9.689	106	484662	20.559	ug/l	100
65) o-Xylene	10.094	106	226437	10.260	ug/l	100
66) Styrene	10.110	104	390440	10.310	ug/l	100
67) Bromoform	10.284	173	70715	10.834	ug/l	100
69) Isopropylbenzene	10.480	105	580371	10.216	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.775	83	147828	10.937	ug/l	100
71) 1,2,3-Trichloropropane	10.820	75	108544m	11.092	ug/l	
72) Bromobenzene	10.775	156	138183	11.288	ug/l	100
73) n-propylbenzene	10.901	120	162142	10.231	ug/l	100
74) 2-Chlorotoluene	10.981	126	146416	11.970	ug/l	100
75) 1,3,5-Trimethylbenzene	11.084	105	515337	10.220	ug/l	100
76) 4-Chlorotoluene	11.094	126	153650	10.277	ug/l	100
77) tert-Butylbenzene	11.415	119	468553	10.176	ug/l	100
78) 1,2,4-Trimethylbenzene	11.464	105	529513	10.268	ug/l	100
79) sec-Butylbenzene	11.637	105	660672	10.231	ug/l	100
80) Nitrobenzene	13.203	77	34812	55.369	ug/l	100
81) p-Isopropyltoluene	11.788	119	534172	10.256	ug/l	100
82) 1,3-Dichlorobenzene	11.740	146	280848	11.332	ug/l	100
83) 1,4-Dichlorobenzene	11.830	146	288877	11.815	ug/l	100
84) n-Butylbenzene	12.203	91	482589	10.249	ug/l	100
85) 1,2-Dichlorobenzene	12.206	146	274798	11.421	ug/l	100
86) 1,2-Dibromo-3-Chloropr...	12.988	75	21385	11.216	ug/l	100
87) 1,2,4-Trichlorobenzene	13.836	180	147570	11.709	ug/l	100
88) Hexachlorobutadiene	14.017	225	89464	10.788	ug/l	100
89) Naphthalene	14.084	128	269860	10.129	ug/l	100
90) 1,2,3-Trichlorobenzene	14.325	180	151895	10.239	ug/l	100

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

