

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102124\
 Data File : VU061167.D
 Acq On : 21 Oct 2024 12:23
 Operator : MD/SY
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Quant Time: Oct 22 01:14:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U101724DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Oct 18 02:52:28 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/25/2024
 Supervised By :Semsettin Yesilyurt 10/25/2024

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

Internal Standards						
1) Fluorobenzene	6.110	96	28805	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.627	95	15423	1.008	ug/l	0.00
Spiked Amount 1.000			Recovery	=	101.000%	
68) 1,2-Dichlorobenzene-d4	12.183	152	15117	1.002	ug/l	0.00
Spiked Amount 1.000			Recovery	=	100.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	158433	9.986	ug/l	98
3) Chloromethane	1.515	50	146177	9.685	ug/l	99
4) Vinyl Chloride	1.602	62	153659	9.912	ug/l	100
5) Bromomethane	1.856	94	97420	10.001	ug/l	99
6) Chloroethane	1.930	64	111210	10.706	ug/l	99
7) Trichlorofluoromethane	2.132	101	211201	9.578	ug/l	99
8) 1,1,2-Trichloro-1,2,2-...	2.576	101	110689	10.096	ug/l	97
9) 1,1-Dichloroethene	2.573	96	116463	10.190	ug/l	99
10) Iodomethane	2.718	142	139373	8.709	ug/l	100
11) Allyl Chloride	2.917	41	143552	9.751	ug/l	98
12) Acrylonitrile	3.319	53	47284	20.571	ug/l	99
13) Acetone	2.640	43	163270	54.461	ug/l	99
14) Carbon Disulfide	2.788	76	383075	9.728	ug/l	100
15) Methylene Chloride	3.039	84	132277	8.943	ug/l	97
16) trans-1,2-Dichloroethene	3.345	96	131120	9.783	ug/l	99
17) 1,1-Dichloroethane	3.859	63	235338	9.903	ug/l	99
18) 2-Butanone	4.705	43	192100	52.333	ug/l	100
19) Cyclohexane	5.380	56	207841m	9.763	ug/l	
20) Methylcyclohexane	6.753	83	238996	10.070	ug/l	99
21) 2,2-Dichloropropane	4.653	77	210542	9.604	ug/l	100
22) cis-1,2-Dichloroethene	4.656	96	147408	10.095	ug/l	99
23) Diethyl Ether	2.370	59	86375	9.726	ug/l	99
24) tert-Butyl Alcohol	3.238	59	97305	105.011	ug/l #	82
25) Methyl tert-Butyl Ether	3.354	73	307718	10.050	ug/l	99
26) Bromochloromethane	4.965	128	61853	10.130	ug/l	96
27) Chloroform	5.078	83	248032	9.953	ug/l	98
28) 1,1,1-Trichloroethane	5.306	97	219830	10.005	ug/l	100
29) 1,1-Dichloropropene	5.518	75	192752	9.924	ug/l	99
30) Carbon Tetrachloride	5.515	117	194234	10.189	ug/l	99
31) Isopropyl Ether	3.981	45	337396	9.951	ug/l	100
32) Ethyl-t-butyl ether	4.489	59	349368	10.022	ug/l	99
33) Tert-Amyl methyl ether	5.930	73	317106	10.107	ug/l	100
34) Propionitrile	4.788	54	46576	53.186	ug/l	98
35) Benzene	5.766	78	549529	10.050	ug/l	99
36) 1,2-Dichloroethane	5.785	62	158226	10.249	ug/l	100
37) Trichloroethene	6.534	130	143789	9.852	ug/l	99
38) 1,2-Dichloropropane	6.782	63	141172	10.194	ug/l	97
39) Methacrylonitrile	4.965	41	34882	11.060	ug/l	97
40) Methyl acrylate	4.843	55	63696	9.959	ug/l	98
41) Tetrahydrofuran	5.055	42	36208	19.115	ug/l	98
42) 1-Chlorobutane	5.447	56	247497	9.934	ug/l	100
43) Dibromomethane	6.910	93	72807	10.139	ug/l	100
44) Bromodichloromethane	7.097	83	178507	10.222	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.782	43	365002	50.635	ug/l	100
46) t-1,4-Dichloro-2-butene	10.830	75	54174m	18.848	ug/l	
47) Methyl methacrylate	6.952	69	131645	21.094	ug/l	99
48) Ethyl methacrylate	8.325	69	139132	10.455	ug/l	100
49) Toluene	7.962	92	353137	10.223	ug/l	100
50) t-1,3-Dichloropropene	8.203	75	177337	10.533	ug/l	99
51) cis-1,3-Dichloropropene	7.598	75	213997	10.359	ug/l	99
52) 1,1,2-Trichloroethane	8.389	97	98489	10.170	ug/l	99
53) 1,3-Dichloropropane	8.566	76	172677	10.151	ug/l	98
54) 2-Hexanone	8.675	43	306036	51.680	ug/l	99
55) Dibromochloromethane	8.801	129	121717	10.646	ug/l	99
56) 1,2-Dibromoethane	8.913	107	94760	10.198	ug/l	97
58) Tetrachloroethene	8.547	164	125261	10.122	ug/l	99
59) Chlorobenzene	9.438	112	381035	10.241	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.524	131	131412	10.468	ug/l	99
61) Pentachloroethane	11.418	117	103824	10.808	ug/l	100
62) Hexachloroethane	12.466	117	108960	11.009	ug/l	97
63) Ethyl Benzene	9.563	91	680625	10.211	ug/l	99
64) m/p-Xylenes	9.685	106	523346	20.629	ug/l	100
65) o-Xylene	10.090	106	255189	10.213	ug/l	99
66) Styrene	10.106	104	410079	10.552	ug/l	99
67) Bromoform	10.283	173	65530	10.946	ug/l	99
69) Isopropylbenzene	10.476	105	612443	10.303	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.772	83	122607	10.423	ug/l	100
71) 1,2,3-Trichloropropane	10.817	75	97401m	10.167	ug/l	
72) Bromobenzene	10.775	156	147387	10.312	ug/l	99
73) n-propylbenzene	10.897	120	184715	10.649	ug/l	97
74) 2-Chlorotoluene	10.978	126	156793	10.451	ug/l	99
75) 1,3,5-Trimethylbenzene	11.081	105	561753	10.481	ug/l	100
76) 4-Chlorotoluene	11.090	126	160002	10.493	ug/l	99
77) tert-Butylbenzene	11.412	119	553233	10.443	ug/l	100
78) 1,2,4-Trimethylbenzene	11.460	105	563619	10.416	ug/l	100
79) sec-Butylbenzene	11.634	105	730245	10.584	ug/l	100
80) Nitrobenzene	13.206	77	17300m	51.251	ug/l	
81) p-Isopropyltoluene	11.785	119	602107	10.541	ug/l	99
82) 1,3-Dichlorobenzene	11.736	146	286667	10.454	ug/l	100
83) 1,4-Dichlorobenzene	11.826	146	290088	10.609	ug/l	100
84) n-Butylbenzene	12.199	91	569735	10.751	ug/l	100
85) 1,2-Dichlorobenzene	12.203	146	271166	10.576	ug/l	100
86) 1,2-Dibromo-3-Chloropr...	12.987	75	20017	11.468	ug/l	98
87) 1,2,4-Trichlorobenzene	13.833	180	166753	11.373	ug/l	99
88) Hexachlorobutadiene	14.013	225	91129	10.991	ug/l	98
89) Naphthalene	14.080	128	291407	11.262	ug/l	99
90) 1,2,3-Trichlorobenzene	14.322	180	149091	11.318	ug/l	99

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

