

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111224\
 Data File : VU061599.D
 Acq On : 12 Nov 2024 10:46
 Operator : MD/SY
 Sample : VSTDICCC010
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 11/13/2024
 Supervised By : Mahesh Dadoda 11/13/2024

Quant Time: Nov 13 04:43:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U111224DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Nov 13 04:39:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.107	96	48524	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.624	95	17564	1.043	ug/l	0.00
Spiked Amount	1.000		Recovery	=	104.000%	
68) 1,2-Dichlorobenzene-d4	12.184	152	18442	1.100	ug/l	0.00
Spiked Amount	1.000		Recovery	=	110.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	135251	10.844	ug/l	100
3) Chloromethane	1.519	50	128285	10.755	ug/l	100
4) Vinyl Chloride	1.602	62	145935	10.873	ug/l	100
5) Bromomethane	1.853	94	91613	10.810	ug/l	100
6) Chloroethane	1.930	64	109782	10.113	ug/l	100
7) Trichlorofluoromethane	2.133	101	211257	10.997	ug/l	100
8) 1,1,2-Trichloro-1,2,2-...	2.576	101	112343	10.926	ug/l	100
9) 1,1-Dichloroethene	2.573	96	118619	11.011	ug/l	100
10) Iodomethane	2.715	142	130928	10.249	ug/l	100
11) Allyl Chloride	2.917	41	141614	11.360	ug/l	100
12) Acrylonitrile	3.316	53	50041	23.488	ug/l	100
13) Acetone	2.641	43	143065	48.110	ug/l	100
14) Carbon Disulfide	2.789	76	384670	11.051	ug/l	100
15) Methylene Chloride	3.036	84	141276	10.858	ug/l	100
16) trans-1,2-Dichloroethene	3.345	96	141401	11.299	ug/l	100
17) 1,1-Dichloroethane	3.859	63	247232	11.078	ug/l	100
18) 2-Butanone	4.702	43	184050	53.370	ug/l	100
19) Cyclohexane	5.377	56	206922m	11.428	ug/l	
20) Methylcyclohexane	6.753	83	238878	11.765	ug/l	100
21) 2,2-Dichloropropane	4.653	77	199878	11.136	ug/l	100
22) cis-1,2-Dichloroethene	4.657	96	155146	11.365	ug/l	100
23) Diethyl Ether	2.371	59	88285	10.995	ug/l	100
24) tert-Butyl Alcohol	3.232	59	93887	114.673	ug/l	100
25) Methyl tert-Butyl Ether	3.354	73	300699	11.386	ug/l	100
26) Bromochloromethane	4.962	128	68147	11.331	ug/l	100
27) Chloroform	5.075	83	262493	11.090	ug/l	100
28) 1,1,1-Trichloroethane	5.306	97	223249	11.416	ug/l	100
29) 1,1-Dichloropropene	5.515	75	201045	11.442	ug/l	100
30) Carbon Tetrachloride	5.515	117	193345	11.535	ug/l	100
31) Isopropyl Ether	3.978	45	339200	11.422	ug/l	100
32) Ethyl-t-butyl ether	4.489	59	328314	11.566	ug/l	100
33) Tert-Amyl methyl ether	5.930	73	301352	11.745	ug/l	100
34) Propionitrile	4.782	54	47625	59.094	ug/l	100
35) Benzene	5.763	78	593727	11.338	ug/l	100
36) 1,2-Dichloroethane	5.782	62	161618	11.106	ug/l	100
37) Trichloroethene	6.534	130	156221	11.266	ug/l	100
38) 1,2-Dichloropropane	6.779	63	148934	11.327	ug/l	100
39) Methacrylonitrile	4.965	41	35345	12.253	ug/l	100
40) Methyl acrylate	4.840	55	55926	10.711	ug/l	100
41) Tetrahydrofuran	5.052	42	36543	22.431	ug/l	100
42) 1-Chlorobutane	5.448	56	258015	11.768	ug/l	100
43) Dibromomethane	6.911	93	78675	11.298	ug/l	100
44) Bromodichloromethane	7.094	83	179881	11.439	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.782	43	366790	56.625	ug/l	100
46) t-1,4-Dichloro-2-butene	10.820	75	79185m	22.110	ug/l	
47) Methyl methacrylate	6.952	69	133614	24.176	ug/l	100
48) Ethyl methacrylate	8.325	69	136808	12.177	ug/l	100
49) Toluene	7.959	92	371782	11.626	ug/l	100
50) t-1,3-Dichloropropene	8.200	75	169430	12.041	ug/l	100
51) cis-1,3-Dichloropropene	7.599	75	213061	11.804	ug/l	100
52) 1,1,2-Trichloroethane	8.390	97	107692	11.282	ug/l	100
53) 1,3-Dichloropropane	8.566	76	183304	11.252	ug/l	100
54) 2-Hexanone	8.676	43	292286	52.960	ug/l	100
55) Dibromochloromethane	8.801	129	124480	12.047	ug/l	100
56) 1,2-Dibromoethane	8.914	107	101678	11.334	ug/l	100
58) Tetrachloroethene	8.544	164	138328	11.089	ug/l	100
59) Chlorobenzene	9.438	112	409498	11.591	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.525	131	137519	11.794	ug/l	100
61) Pentachloroethane	11.418	117	108161	12.329	ug/l	100
62) Hexachloroethane	12.467	117	102452	10.672	ug/l	100
63) Ethyl Benzene	9.560	91	705700	11.865	ug/l	100
64) m/p-Xylenes	9.685	106	560984	24.491	ug/l	100
65) o-Xylene	10.091	106	267690	11.985	ug/l	100
66) Styrene	10.107	104	437096	10.704	ug/l	100
67) Bromoform	10.280	173	66422	12.391	ug/l	100
69) Isopropylbenzene	10.476	105	636511	12.184	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.772	83	133521	11.360	ug/l	100
71) 1,2,3-Trichloropropane	10.814	75	105896m	11.056	ug/l	
72) Bromobenzene	10.772	156	163565	11.809	ug/l	100
73) n-propylbenzene	10.898	120	191792	12.418	ug/l	100
74) 2-Chlorotoluene	10.978	126	167636	12.166	ug/l	100
75) 1,3,5-Trimethylbenzene	11.078	105	592328	12.524	ug/l	100
76) 4-Chlorotoluene	11.087	126	177494	12.523	ug/l	100
77) tert-Butylbenzene	11.412	119	576541	12.487	ug/l	100
78) 1,2,4-Trimethylbenzene	11.457	105	601779	10.837	ug/l	100
79) sec-Butylbenzene	11.634	105	758843	12.398	ug/l	100
80) Nitrobenzene	13.203	77	11302m	51.411	ug/l	
81) p-Isopropyltoluene	11.785	119	637166	10.874	ug/l	100
82) 1,3-Dichlorobenzene	11.737	146	324178	12.101	ug/l	100
83) 1,4-Dichlorobenzene	11.827	146	327001	12.194	ug/l	100
84) n-Butylbenzene	12.200	91	585297	10.849	ug/l	100
85) 1,2-Dichlorobenzene	12.203	146	301571	11.927	ug/l	100
86) 1,2-Dibromo-3-Chloropr...	12.988	75	19103	10.477	ug/l	100
87) 1,2,4-Trichlorobenzene	13.830	180	182547	10.446	ug/l	100
88) Hexachlorobutadiene	14.010	225	99148	11.742	ug/l	100
89) Naphthalene	14.078	128	302297	10.229	ug/l	100
90) 1,2,3-Trichlorobenzene	14.319	180	163563	10.245	ug/l	100

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

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