

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101922\
 Data File : VU051448.D
 Acq On : 19 Oct 2022 09:45
 Operator : JC/MD
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 10/20/2022
 Supervised By :Mahesh Dadoda 10/20/2022

Quant Time: Oct 20 07:11:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U101722DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Oct 18 04:53:19 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.115	96	60181	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.632	95	24540	1.162	ug/l	0.00
Spiked Amount 1.000			Recovery	=	116.000%	
68) 1,2-Dichlorobenzene-d4	12.192	152	23704	1.006	ug/l	0.00
Spiked Amount 1.000			Recovery	=	101.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	217101	10.331	ug/l	97
3) Chloromethane	1.533	50	282457	8.529	ug/l	99
4) Vinyl Chloride	1.604	62	272506	9.505	ug/l	97
5) Bromomethane	1.861	94	172114	10.768	ug/l	98
6) Chloroethane	1.935	64	170962	10.463	ug/l	99
7) Trichlorofluoromethane	2.141	101	326177	10.184	ug/l	99
8) 1,1,2-Trichloro-1,2,2-...	2.581	101	190229	10.765	ug/l	99
9) 1,1-Dichloroethene	2.581	96	188847	10.225	ug/l	97
10) Iodomethane	2.723	142	262690	10.976	ug/l	98
11) Allyl Chloride	2.922	41	274820	9.757	ug/l	98
12) Acrylonitrile	3.321	53	115357	21.226	ug/l	98
13) Acetone	2.642	43	210066	53.679	ug/l	99
14) Carbon Disulfide	2.793	76	672406	10.217	ug/l	100
15) Methylene Chloride	3.044	84	235089	10.516	ug/l	95
16) trans-1,2-Dichloroethene	3.350	96	213505	10.081	ug/l	97
17) 1,1-Dichloroethane	3.867	63	373169	9.801	ug/l	98
18) 2-Butanone	4.719	43	286562	60.346	ug/l	99
19) Cyclohexane	5.385	56	282065m	11.954	ug/l	
20) Methylcyclohexane	6.761	83	299410	10.236	ug/l	99
21) 2,2-Dichloropropane	4.665	77	274907	10.340	ug/l	99
22) cis-1,2-Dichloroethene	4.665	96	215627	10.761	ug/l	100
23) Diethyl Ether	2.379	59	160883	9.976	ug/l	98
24) tert-Butyl Alcohol	3.244	59	149576	88.444	ug/l #	85
25) Methyl tert-Butyl Ether	3.366	73	495754	10.320	ug/l	99
26) Bromochloromethane	4.973	128	101525	10.394	ug/l	98
27) Chloroform	5.089	83	387526	10.049	ug/l	99
28) 1,1,1-Trichloroethane	5.314	97	315379	10.246	ug/l	99
29) 1,1-Dichloropropene	5.523	75	268805	11.403	ug/l	99
30) Carbon Tetrachloride	5.523	117	270073	10.399	ug/l	95
31) Isopropyl Ether	3.999	45	481635	10.694	ug/l	99
32) Ethyl-t-butyl ether	4.507	59	454112	11.042	ug/l	99
33) Tert-Amyl methyl ether	5.944	73	426224	11.795	ug/l	100
34) Propionitrile	4.793	54	97962	61.362	ug/l	98
35) Benzene	5.774	78	842758	10.653	ug/l	99
36) 1,2-Dichloroethane	5.793	62	254192	10.415	ug/l	100
37) Trichloroethene	6.543	130	195095	10.507	ug/l	97
38) 1,2-Dichloropropane	6.793	63	226059	10.415	ug/l	100
39) Methacrylonitrile	4.980	41	62921	11.532	ug/l	97
40) Methyl acrylate	4.848	55	113278	13.019	ug/l	97
41) Tetrahydrofuran	5.067	42	66340	23.154	ug/l	98
42) 1-Chlorobutane	5.456	56	369400	11.481	ug/l	99
43) Dibromomethane	6.919	93	117303	10.415	ug/l	99
44) Bromodichloromethane	7.105	83	278144	10.204	ug/l	98

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45) 4-Methyl-2-Pentanone	7.793	43	646425	60.289	ug/l	100
46) t-1,4-Dichloro-2-butene	10.832	75	122793m	20.520	ug/l	
47) Methyl methacrylate	6.964	69	215493	20.265	ug/l	99
48) Ethyl methacrylate	8.333	69	180401	9.841	ug/l	100
49) Toluene	7.967	92	508962	11.732	ug/l	99
50) t-1,3-Dichloropropene	8.211	75	250062	11.407	ug/l	99
51) cis-1,3-Dichloropropene	7.607	75	279546	10.817	ug/l	99
52) 1,1,2-Trichloroethane	8.401	97	168086	10.451	ug/l	98
53) 1,3-Dichloropropane	8.575	76	284013	10.957	ug/l	99
54) 2-Hexanone	8.687	43	470360	51.204	ug/l	99
55) Dibromochloromethane	8.809	129	188171	10.759	ug/l	99
56) 1,2-Dibromoethane	8.922	107	154252	10.908	ug/l	99
58) Tetrachloroethene	8.552	164	172789	10.679	ug/l	99
59) Chlorobenzene	9.446	112	522718	10.976	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.533	131	189820	10.402	ug/l	98
61) Pentachloroethane	11.423	117	169685	10.435	ug/l	100
62) Hexachloroethane	12.475	117	160786	10.412	ug/l	97
63) Ethyl Benzene	9.568	91	893477	10.004	ug/l	98
64) m/p-Xylenes	9.694	106	744773	20.483	ug/l	98
65) o-Xylene	10.099	106	340052	9.986	ug/l	96
66) Styrene	10.112	104	596982	10.134	ug/l	99
67) Bromoform	10.288	173	109400	11.145	ug/l	99
69) Isopropylbenzene	10.485	105	871601	10.097	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.780	83	227228	10.447	ug/l	99
71) 1,2,3-Trichloropropane	10.825	75	177299m	10.971	ug/l	
72) Bromobenzene	10.780	156	215380	11.372	ug/l	99
73) n-propylbenzene	10.906	120	255210	10.223	ug/l	99
74) 2-Chlorotoluene	10.983	126	223414	12.117	ug/l	99
75) 1,3,5-Trimethylbenzene	11.086	105	828693	10.342	ug/l	100
76) 4-Chlorotoluene	11.095	126	234697	10.387	ug/l	97
77) tert-Butylbenzene	11.420	119	747350	12.242	ug/l	99
78) 1,2,4-Trimethylbenzene	11.465	105	866618	10.311	ug/l	99
79) sec-Butylbenzene	11.642	105	1040579	10.373	ug/l	100
80) Nitrobenzene	13.205	77	50976	47.332	ug/l	98
81) p-Isopropyltoluene	11.793	119	869225	10.352	ug/l	99
82) 1,3-Dichlorobenzene	11.745	146	457592	11.247	ug/l	99
83) 1,4-Dichlorobenzene	11.835	146	468479	11.764	ug/l	100
84) n-Butylbenzene	12.208	91	824551	10.287	ug/l	99
85) 1,2-Dichlorobenzene	12.211	146	451391	11.259	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	12.996	75	35327	10.387	ug/l	97
87) 1,2,4-Trichlorobenzene	13.838	180	239434	11.026	ug/l	99
88) Hexachlorobutadiene	14.018	225	159875	11.292	ug/l	99
89) Naphthalene	14.086	128	474290	10.438	ug/l	100
90) 1,2,3-Trichlorobenzene	14.327	180	253169	10.657	ug/l	99

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

