

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031721\
 Data File : VU042690.D
 Acq On : 17 Mar 2021 14:34
 Operator : SY/MD
 Sample : VSTDIC015
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC015

Manual Integrations
 APPROVED

MMDadoda
 3/25/2021 1:07:35 PM

Quant Time: Mar 18 03:54:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U031721DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Mar 18 03:47:11 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.121	96	18283	1.00	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.642	95	8277	1.02	ug/l	0.00
Spiked Amount 1.000			Recovery	=	102.00%	
68) 1,2-Dichlorobenzene-d4	12.201	152	9079	1.06	ug/l	0.00
Spiked Amount 1.000			Recovery	=	106.00%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	106003	14.49	ug/l	97
3) Chloromethane	1.526	50	97853	14.37	ug/l	98
4) Vinyl Chloride	1.607	62	94777	14.65	ug/l	97
5) Bromomethane	1.858	94	59428	13.39	ug/l	99
6) Chloroethane	1.932	64	71740	17.29	ug/l	100
7) Trichlorofluoromethane	2.141	101	166386	14.78	ug/l	99
8) 1,1,2-Trichloro-1,2,2-...	2.587	101	84813	14.91	ug/l	97
9) 1,1-Dichloroethene	2.584	96	71410	14.80	ug/l	98
10) Iodomethane	2.729	142	122231	15.67	ug/l	100
11) Allyl Chloride	2.928	41	138418	15.21	ug/l	99
12) Acrylonitrile	3.327	53	43268	31.49	ug/l	97
13) Acetone	2.639	43	81934	81.33	ug/l	98
14) Carbon Disulfide	2.800	76	228403	15.20	ug/l	99
15) Methylene Chloride	3.054	84	80885	13.12	ug/l	96
16) trans-1,2-Dichloroethene	3.359	96	77772	15.11	ug/l	97
17) 1,1-Dichloroethane	3.880	63	157462	14.85	ug/l	100
18) 2-Butanone	4.732	43	154096	80.08	ug/l	99
19) Cyclohexane	5.391	56	137990m	15.82	ug/l	
20) Methylcyclohexane	6.771	83	130563	16.58	ug/l	97
21) 2,2-Dichloropropane	4.674	77	142165	14.64	ug/l	98
22) cis-1,2-Dichloroethene	4.677	96	85871	14.77	ug/l	98
23) Diethyl Ether	2.382	59	63674	15.62	ug/l	99
24) tert-Butyl Alcohol	3.218	59	38530	141.80	ug/l #	86
25) Methyl tert-Butyl Ether	3.378	73	215577	15.23	ug/l	97
26) Bromochloromethane	4.986	128	41559	14.66	ug/l	98
27) Chloroform	5.102	83	161525	14.34	ug/l	99
28) 1,1,1-Trichloroethane	5.324	97	149750	14.75	ug/l	99
29) 1,1-Dichloropropene	5.533	75	107469	15.11	ug/l	97
30) Carbon Tetrachloride	5.529	117	120452	15.01	ug/l	96
31) Isopropyl Ether	4.012	45	281634	14.95	ug/l	98
32) Ethyl-t-butyl ether	4.523	59	255294	15.18	ug/l	99
33) Tert-Amyl methyl ether	5.960	73	198610	15.89	ug/l	99
34) Propionitrile	4.806	54	36900	86.94	ug/l #	97
35) Benzene	5.780	78	300671	15.16	ug/l	99
36) 1,2-Dichloroethane	5.806	62	117062	15.08	ug/l	99
37) Trichloroethene	6.549	130	80888	14.84	ug/l	98
38) 1,2-Dichloropropane	6.803	63	87421	15.60	ug/l	99
39) Methacrylonitrile	4.993	41	40202	13.87	ug/l	94
40) Methyl acrylate	4.864	55	55290	14.90	ug/l	98
41) Tetrahydrofuran	5.079	42	41852	31.58	ug/l	93
42) 1-Chlorobutane	5.465	56	153637	14.64	ug/l	95
43) Dibromomethane	6.928	93	49139	15.40	ug/l	99
44) Bromodichloromethane	7.118	83	114414	15.54	ug/l	97

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45) 4-Methyl-2-Pentanone	7.812	43	385318	80.65	ug/l	99
46) t-1,4-Dichloro-2-butene	10.841	75	64342m	41.28	ug/l	
47) Methyl methacrylate	6.980	69	92503	33.30	ug/l	99
48) Ethyl methacrylate	8.346	69	94749	17.19	ug/l	98
49) Toluene	7.980	92	201014	16.54	ug/l	97
50) t-1,3-Dichloropropene	8.221	75	115076	17.07	ug/l	99
51) cis-1,3-Dichloropropene	7.619	75	123714	16.88	ug/l	98
52) 1,1,2-Trichloroethane	8.410	97	67169	15.48	ug/l	97
53) 1,3-Dichloropropane	8.587	76	116614	15.63	ug/l	99
54) 2-Hexanone	8.703	43	286242	85.67	ug/l	99
55) Dibromochloromethane	8.822	129	84308	16.46	ug/l	100
56) 1,2-Dibromoethane	8.934	107	67018	15.58	ug/l	99
58) Tetrachloroethene	8.562	164	86983	15.15	ug/l	98
59) Chlorobenzene	9.455	112	224971	16.30	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.545	131	90569	16.46	ug/l	99
61) Pentachloroethane	11.436	117	72341	17.41	ug/l	100
62) Hexachloroethane	12.484	117	77787	17.91	ug/l	97
63) Ethyl Benzene	9.578	91	414020	17.65	ug/l	99
64) m/p-Xylenes	9.703	106	322390	35.37	ug/l	99
65) o-Xylene	10.108	106	154779	17.38	ug/l	98
66) Styrene	10.121	104	274878	18.56	ug/l	100
67) Bromoform	10.301	173	57551	17.33	ug/l	99
69) Isopropylbenzene	10.491	105	433026	17.80	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.793	83	96440	16.49	ug/l	100
71) 1,2,3-Trichloropropane	10.838	75	65176m	12.85	ug/l	
72) Bromobenzene	10.790	156	112037	16.45	ug/l	99
73) n-propylbenzene	10.915	120	119938	17.95	ug/l	99
74) 2-Chlorotoluene	10.996	126	105705	17.23	ug/l	99
75) 1,3,5-Trimethylbenzene	11.095	105	393297	18.37	ug/l	100
76) 4-Chlorotoluene	11.105	126	112847	17.68	ug/l	96
77) tert-Butylbenzene	11.430	119	380583	17.79	ug/l	99
78) 1,2,4-Trimethylbenzene	11.475	105	404819	18.20	ug/l	99
79) sec-Butylbenzene	11.651	105	511537	18.18	ug/l	100
80) Nitrobenzene	13.217	77	14932	98.35	ug/l	99
81) p-Isopropyltoluene	11.803	119	443666	18.62	ug/l	99
82) 1,3-Dichlorobenzene	11.754	146	223419	17.13	ug/l	99
83) 1,4-Dichlorobenzene	11.844	146	224860	16.94	ug/l	99
84) n-Butylbenzene	12.217	91	430260	19.15	ug/l	98
85) 1,2-Dichlorobenzene	12.221	146	221262	16.91	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	13.005	75	19604	18.11	ug/l	97
87) 1,2,4-Trichlorobenzene	13.851	180	158074	18.85	ug/l	97
88) Hexachlorobutadiene	14.031	225	96286	17.41	ug/l	100
89) Naphthalene	14.095	128	280044	19.50	ug/l	99
90) 1,2,3-Trichlorobenzene	14.339	180	149931	18.71	ug/l	98

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

