

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072121\
 Data File : VU044382.D
 Acq On : 21 Jul 2021 17:38
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

Manual Integrations
 APPROVED

MMDadoda
 7/23/2021 1:52:10 PM

Quant Time: Jul 22 05:03:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U071621DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Jul 16 14:36:39 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.121	96	49199	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.639	95	18862	0.950	ug/l	0.00
Spiked Amount 1.000			Recovery	=	95.000%	
68) 1,2-Dichlorobenzene-d4	12.201	152	18918	0.977	ug/l	0.00
Spiked Amount 1.000			Recovery	=	98.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	161166	9.386	ug/l	100
3) Chloromethane	1.523	50	175512	9.398	ug/l	99
4) Vinyl Chloride	1.607	62	188035	9.974	ug/l	99
5) Bromomethane	1.858	94	98114	9.759	ug/l	99
6) Chloroethane	1.935	64	111338	9.706	ug/l	99
7) Trichlorofluoromethane	2.144	101	216449	10.621	ug/l	98
8) 1,1,2-Trichloro-1,2,2-...	2.588	101	134694	10.458	ug/l	97
9) 1,1-Dichloroethene	2.584	96	130442	10.382	ug/l	95
10) Iodomethane	2.729	142	174812	10.632	ug/l	89
11) Allyl Chloride	2.929	41	214173	10.352	ug/l	83
12) Acrylonitrile	3.327	53	54681	18.991	ug/l	98
13) Acetone	2.636	43	71812	50.008	ug/l	91
14) Carbon Disulfide	2.800	76	408479	9.821	ug/l	99
15) Methylene Chloride	3.051	84	157642	8.841	ug/l	95
16) trans-1,2-Dichloroethene	3.359	96	143800	10.261	ug/l	99
17) 1,1-Dichloroethane	3.877	63	271071	10.386	ug/l	99
18) 2-Butanone	4.732	43	153452	49.829	ug/l	99
19) Cyclohexane	5.388	56	241797	10.134	ug/l	98
20) Methylcyclohexane	6.768	83	244471	9.825	ug/l	99
21) 2,2-Dichloropropane	4.671	77	221325	10.342	ug/l	96
22) cis-1,2-Dichloroethene	4.674	96	160819	10.501	ug/l	94
23) Diethyl Ether	2.382	59	111360	10.564	ug/l	99
24) tert-Butyl Alcohol	3.211	59	66893	106.930	ug/l	99
25) Methyl tert-Butyl Ether	3.379	73	364969	10.406	ug/l	92
26) Bromochloromethane	4.983	128	67376	10.394	ug/l	98
27) Chloroform	5.099	83	263089	10.415	ug/l	98
28) 1,1,1-Trichloroethane	5.321	97	216894	10.296	ug/l	98
29) 1,1-Dichloropropene	5.530	75	202581	10.121	ug/l	100
30) Carbon Tetrachloride	5.526	117	174907	9.958	ug/l	98
31) Isopropyl Ether	4.012	45	456161	10.506	ug/l	96
32) Ethyl-t-butyl ether	4.520	59	431955	10.089	ug/l	98
33) Tert-Amyl methyl ether	5.957	73	388308	10.199	ug/l	98
34) Propionitrile	4.800	54	42296	48.521	ug/l #	97
35) Benzene	5.780	78	585753	10.070	ug/l	99
36) 1,2-Dichloroethane	5.806	62	177486	10.632	ug/l	97
37) Trichloroethene	6.549	130	144001	9.849	ug/l	92
38) 1,2-Dichloropropane	6.800	63	153543	9.972	ug/l	100
39) Methacrylonitrile	4.993	41	52042	10.472	ug/l	96
40) Methyl acrylate	4.861	55	77152	9.977	ug/l	99
41) Tetrahydrofuran	5.080	42	43225	18.338	ug/l	98
42) 1-Chlorobutane	5.462	56	283159	10.010	ug/l	96
43) Dibromomethane	6.928	93	78609	10.294	ug/l	96
44) Bromodichloromethane	7.115	83	184558	10.187	ug/l	100

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45) 4-Methyl-2-Pentanone	7.809	43	535450	51.612	ug/l	95
46) t-1,4-Dichloro-2-butene	10.841	75	90493m	20.585	ug/l	
47) Methyl methacrylate	6.977	69	171425	20.306	ug/l #	90
48) Ethyl methacrylate	8.346	69	173647	9.961	ug/l	94
49) Toluene	7.977	92	369315	10.093	ug/l	98
50) t-1,3-Dichloropropene	8.221	75	187997	9.992	ug/l	99
51) cis-1,3-Dichloropropene	7.616	75	221956	10.000	ug/l	93
52) 1,1,2-Trichloroethane	8.411	97	115445	10.261	ug/l	97
53) 1,3-Dichloropropane	8.584	76	209902	10.156	ug/l	100
54) 2-Hexanone	8.700	43	385754	52.272	ug/l	93
55) Dibromochloromethane	8.819	129	125011	10.262	ug/l	99
56) 1,2-Dibromoethane	8.931	107	113224	10.295	ug/l	99
58) Tetrachloroethene	8.559	164	126851	10.222	ug/l	99
59) Chlorobenzene	9.452	112	386218	9.983	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.542	131	130119	10.093	ug/l	98
61) Pentachloroethane	11.436	117	99694	9.677	ug/l	94
62) Hexachloroethane	12.481	117	108213	10.063	ug/l	98
63) Ethyl Benzene	9.578	91	703827	10.178	ug/l	99
64) m/p-Xylenes	9.700	106	534217	20.217	ug/l	98
65) o-Xylene	10.105	106	259988	10.196	ug/l	100
66) Styrene	10.121	104	451262	10.271	ug/l	98
67) Bromoform	10.298	173	69889	10.250	ug/l	99
69) Isopropylbenzene	10.491	105	692026	10.146	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.790	83	155901	10.498	ug/l	98
71) 1,2,3-Trichloropropane	10.835	75	116224m	9.130	ug/l	
72) Bromobenzene	10.790	156	156533	9.912	ug/l	93
73) n-propylbenzene	10.912	120	186693	10.155	ug/l	92
74) 2-Chlorotoluene	10.992	126	155649	9.869	ug/l	92
75) 1,3,5-Trimethylbenzene	11.095	105	590528	10.243	ug/l	100
76) 4-Chlorotoluene	11.102	126	162743	9.933	ug/l	94
77) tert-Butylbenzene	11.427	119	565819	10.013	ug/l	99
78) 1,2,4-Trimethylbenzene	11.475	105	600155	10.255	ug/l	100
79) sec-Butylbenzene	11.648	105	789998	10.266	ug/l	98
80) Nitrobenzene	13.214	77	19927	44.986	ug/l #	98
81) p-Isopropyltoluene	11.800	119	656515	10.303	ug/l	99
82) 1,3-Dichlorobenzene	11.751	146	312548	9.964	ug/l	99
83) 1,4-Dichlorobenzene	11.841	146	316037	9.976	ug/l	99
84) n-Butylbenzene	12.214	91	661488	10.603	ug/l	99
85) 1,2-Dichlorobenzene	12.218	146	305154	10.042	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	13.002	75	27445	10.692	ug/l	99
87) 1,2,4-Trichlorobenzene	13.848	180	221244	10.291	ug/l	98
88) Hexachlorobutadiene	14.028	225	103467	9.945	ug/l	100
89) Naphthalene	14.092	128	457524	10.641	ug/l	100
90) 1,2,3-Trichlorobenzene	14.336	180	201970	10.347	ug/l	99

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

