

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031721\
 Data File : VU042689.D
 Acq On : 17 Mar 2021 14:02
 Operator : SY/MD
 Sample : VSTDICCC010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

Manual Integrations
 APPROVED

MMDadoda
 3/25/2021 1:07:30 PM

Quant Time: Mar 18 03:53:33 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	6.124	96	16991	1.00	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.642	95	8290	1.10	ug/l	0.00
Spiked Amount 1.000			Recovery	=	110.00%	
68) 1,2-Dichlorobenzene-d4	12.205	152	8574	1.08	ug/l	0.00
Spiked Amount 1.000			Recovery	=	108.00%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	65330	9.61	ug/l	100
3) Chloromethane	1.523	50	58883	9.30	ug/l	100
4) Vinyl Chloride	1.607	62	58929	9.80	ug/l	100
5) Bromomethane	1.858	94	41057	9.95	ug/l	100
6) Chloroethane	1.935	64	40932	10.62	ug/l	100
7) Trichlorofluoromethane	2.144	101	102671	9.81	ug/l	100
8) 1,1,2-Trichloro-1,2,2-...	2.588	101	51122	9.67	ug/l	100
9) 1,1-Dichloroethene	2.588	96	43606	9.73	ug/l	100
10) Iodomethane	2.729	142	71664	9.89	ug/l	100
11) Allyl Chloride	2.932	41	82132	9.71	ug/l	100
12) Acrylonitrile	3.330	53	26187	20.51	ug/l	100
13) Acetone	2.639	43	49948	53.35	ug/l	100
14) Carbon Disulfide	2.800	76	137027	9.81	ug/l	100
15) Methylene Chloride	3.054	84	50159	8.76	ug/l	100
16) trans-1,2-Dichloroethene	3.362	96	46410	9.70	ug/l	100
17) 1,1-Dichloroethane	3.880	63	96036	9.75	ug/l	100
18) 2-Butanone	4.732	43	90441	50.57	ug/l	100
19) Cyclohexane	5.391	56	82137m	10.13	ug/l	
20) Methylcyclohexane	6.771	83	76971	10.52	ug/l	100
21) 2,2-Dichloropropane	4.678	77	87656	9.71	ug/l	100
22) cis-1,2-Dichloroethene	4.678	96	52154	9.65	ug/l	100
23) Diethyl Ether	2.385	59	37886	10.00	ug/l	100
24) tert-Butyl Alcohol	3.215	59	31677	125.44	ug/l	100
25) Methyl tert-Butyl Ether	3.379	73	127230	9.67	ug/l	100
26) Bromochloromethane	4.986	128	25760	9.78	ug/l	100
27) Chloroform	5.099	83	99685	9.52	ug/l	100
28) 1,1,1-Trichloroethane	5.324	97	91984	9.75	ug/l	100
29) 1,1-Dichloropropene	5.533	75	65689	9.94	ug/l	100
30) Carbon Tetrachloride	5.530	117	73632	9.87	ug/l	100
31) Isopropyl Ether	4.012	45	170847	9.76	ug/l	100
32) Ethyl-t-butyl ether	4.523	59	152924	9.78	ug/l	100
33) Tert-Amyl methyl ether	5.960	73	118140	10.17	ug/l	100
34) Propionitrile	4.803	54	23461	59.48	ug/l	100
35) Benzene	5.784	78	182406	9.90	ug/l	100
36) 1,2-Dichloroethane	5.806	62	68758	9.53	ug/l	100
37) Trichloroethene	6.552	130	49878	9.84	ug/l	100
38) 1,2-Dichloropropane	6.803	63	52203	10.03	ug/l	100
39) Methacrylonitrile	4.996	41	24923	9.25	ug/l	100
40) Methyl acrylate	4.864	55	36256	10.51	ug/l	100
41) Tetrahydrofuran	5.079	42	24071	19.55	ug/l	100
42) 1-Chlorobutane	5.469	56	93757	9.61	ug/l	100
43) Dibromomethane	6.931	93	30284	10.21	ug/l	100
44) Bromodichloromethane	7.118	83	69183	10.11	ug/l	100

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45) 4-Methyl-2-Pentanone	7.812	43	231946	52.24	ug/l	100
46) t-1,4-Dichloro-2-butene	10.841	75	34993m	24.16	ug/l	
47) Methyl methacrylate	6.980	69	54575	21.14	ug/l	100
48) Ethyl methacrylate	8.346	69	54700	10.68	ug/l	100
49) Toluene	7.980	92	122221	10.82	ug/l	100
50) t-1,3-Dichloropropene	8.221	75	66497	10.62	ug/l	100
51) cis-1,3-Dichloropropene	7.620	75	71402	10.49	ug/l	100
52) 1,1,2-Trichloroethane	8.411	97	39975	9.92	ug/l	100
53) 1,3-Dichloropropane	8.587	76	70105	10.11	ug/l	100
54) 2-Hexanone	8.703	43	170226	54.82	ug/l	100
55) Dibromochloromethane	8.819	129	49668	10.43	ug/l	100
56) 1,2-Dibromoethane	8.935	107	40104	10.03	ug/l	100
58) Tetrachloroethene	8.562	164	53459	10.02	ug/l	100
59) Chlorobenzene	9.456	112	134087	10.45	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.546	131	53531	10.47	ug/l	100
61) Pentachloroethane	11.436	117	41331	10.71	ug/l	100
62) Hexachloroethane	12.484	117	44705	11.08	ug/l	100
63) Ethyl Benzene	9.578	91	243573	11.17	ug/l	100
64) m/p-Xylenes	9.703	106	189275	22.35	ug/l	100
65) o-Xylene	10.108	106	90267	10.91	ug/l	100
66) Styrene	10.124	104	160653	11.67	ug/l	100
67) Bromoform	10.301	173	34202	11.08	ug/l	100
69) Isopropylbenzene	10.494	105	247695	10.95	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.793	83	56049	10.31	ug/l	100
71) 1,2,3-Trichloropropane	10.835	75	44595m	9.46	ug/l	
72) Bromobenzene	10.790	156	65888	10.41	ug/l	100
73) n-propylbenzene	10.915	120	70830	11.40	ug/l	100
74) 2-Chlorotoluene	10.996	126	62416	10.95	ug/l	100
75) 1,3,5-Trimethylbenzene	11.095	105	231006	11.61	ug/l	100
76) 4-Chlorotoluene	11.108	126	67704	11.42	ug/l	100
77) tert-Butylbenzene	11.430	119	222526	11.20	ug/l	100
78) 1,2,4-Trimethylbenzene	11.475	105	238442	11.54	ug/l	100
79) sec-Butylbenzene	11.652	105	302703	11.57	ug/l	100
80) Nitrobenzene	13.217	77	8100	57.41	ug/l	100
81) p-Isopropyltoluene	11.803	119	258923	11.69	ug/l	100
82) 1,3-Dichlorobenzene	11.754	146	134732	11.12	ug/l	100
83) 1,4-Dichlorobenzene	11.844	146	136604	11.07	ug/l	100
84) n-Butylbenzene	12.217	91	252242	12.08	ug/l	100
85) 1,2-Dichlorobenzene	12.221	146	132124	10.87	ug/l	100
86) 1,2-Dibromo-3-Chloropr...	13.005	75	11416	11.35	ug/l	100
87) 1,2,4-Trichlorobenzene	13.851	180	92352	11.85	ug/l	100
88) Hexachlorobutadiene	14.031	225	59488	11.57	ug/l	100
89) Naphthalene	14.098	128	154513	11.58	ug/l	100
90) 1,2,3-Trichlorobenzene	14.340	180	88535	11.89	ug/l	100

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

