

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070721\
 Data File : VU044315.D
 Acq On : 07 Jul 2021 13:42
 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
 7/9/2021 6:26:43 PM

Quant Time: Jul 08 01:16:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U070721DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Jul 08 01:14:30 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.122	96	28877	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.639	95	12781	1.236	ug/l	0.00
Spiked Amount 1.000			Recovery	=	124.000%	
68) 1,2-Dichlorobenzene-d4	12.202	152	12936	1.171	ug/l	0.00
Spiked Amount 1.000			Recovery	=	117.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.389	85	101271	8.592	ug/l	100
3) Chloromethane	1.524	50	93894	7.471	ug/l	100
4) Vinyl Chloride	1.610	62	103611	8.611	ug/l	100
5) Bromomethane	1.864	94	59418	8.211	ug/l	100
6) Chloroethane	1.942	64	66971	8.931	ug/l	100
7) Trichlorofluoromethane	2.147	101	154949	10.963	ug/l	100
8) 1,1,2-Trichloro-1,2,2-...	2.591	101	90320	11.070	ug/l	100
9) 1,1-Dichloroethene	2.588	96	78793	10.353	ug/l	100
10) Iodomethane	2.733	142	88627	9.445	ug/l	100
11) Allyl Chloride	2.932	41	135868	10.938	ug/l	100
12) Acrylonitrile	3.327	53	32157	20.914	ug/l	100
13) Acetone	2.636	43	53224	54.194	ug/l	100
14) Carbon Disulfide	2.800	76	209917	8.318	ug/l	100
15) Methylene Chloride	3.054	84	97837	8.497	ug/l	100
16) trans-1,2-Dichloroethene	3.363	96	85288	10.142	ug/l	100
17) 1,1-Dichloroethane	3.880	63	174196	10.705	ug/l	100
18) 2-Butanone	4.729	43	104124	53.504	ug/l	100
19) Cyclohexane	5.392	56	138907	9.284	ug/l	100
20) Methylcyclohexane	6.768	83	144981	11.846	ug/l	100
21) 2,2-Dichloropropane	4.675	77	164629	12.283	ug/l	100
22) cis-1,2-Dichloroethene	4.678	96	98240	10.870	ug/l	100
23) Diethyl Ether	2.385	59	64610	10.391	ug/l	100
24) tert-Butyl Alcohol	3.202	59	43837	66.835	ug/l	100
25) Methyl tert-Butyl Ether	3.379	73	240514	12.204	ug/l	100
26) Bromochloromethane	4.987	128	43776	11.770	ug/l	100
27) Chloroform	5.099	83	178132	11.112	ug/l	100
28) 1,1,1-Trichloroethane	5.324	97	161285	11.763	ug/l	100
29) 1,1-Dichloropropene	5.533	75	119211	9.740	ug/l	100
30) Carbon Tetrachloride	5.530	117	127473	10.893	ug/l	100
31) Isopropyl Ether	4.012	45	295810	11.320	ug/l	100
32) Ethyl-t-butyl ether	4.523	59	296065	12.400	ug/l	100
33) Tert-Amyl methyl ether	5.958	73	238530	12.933	ug/l	100
34) Propionitrile	4.800	54	27464	54.300	ug/l	100
35) Benzene	5.781	78	330969	9.363	ug/l	100
36) 1,2-Dichloroethane	5.806	62	110094	10.402	ug/l	100
37) Trichloroethene	6.549	130	92593	10.970	ug/l	100
38) 1,2-Dichloropropane	6.803	63	91369	9.748	ug/l	100
39) Methacrylonitrile	4.993	41	34328	11.671	ug/l	100
40) Methyl acrylate	4.864	55	48043	10.658	ug/l	100
41) Tetrahydrofuran	5.080	42	27740	20.000	ug/l	100
42) 1-Chlorobutane	5.466	56	161499	9.218	ug/l	100
43) Dibromomethane	6.929	93	48776	10.414	ug/l	100
44) Bromodichloromethane	7.115	83	123733	10.573	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.810	43	343880	64.053	ug/l	100
46) t-1,4-Dichloro-2-butene	10.842	75	59116m	24.789	ug/l	
47) Methyl methacrylate	6.977	69	100416	24.853	ug/l	100
48) Ethyl methacrylate	8.346	69	106599	14.042	ug/l	100
49) Toluene	7.977	92	218608	11.061	ug/l	100
50) t-1,3-Dichloropropene	8.221	75	128321	12.346	ug/l	100
51) cis-1,3-Dichloropropene	7.617	75	144288	12.358	ug/l	100
52) 1,1,2-Trichloroethane	8.411	97	68256	10.185	ug/l	100
53) 1,3-Dichloropropane	8.584	76	124542	10.541	ug/l	100
54) 2-Hexanone	8.700	43	249048	66.743	ug/l	100
55) Dibromochloromethane	8.819	129	88989	11.761	ug/l	100
56) 1,2-Dibromoethane	8.932	107	68197	11.254	ug/l	100
58) Tetrachloroethene	8.559	164	84531	10.881	ug/l	100
59) Chlorobenzene	9.456	112	245852	11.588	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.543	131	91749	11.389	ug/l	100
61) Pentachloroethane	11.436	117	72745	11.151	ug/l	100
62) Hexachloroethane	12.481	117	82349	12.475	ug/l	100
63) Ethyl Benzene	9.578	91	441118	12.643	ug/l	100
64) m/p-Xylenes	9.700	106	342550	24.971	ug/l	100
65) o-Xylene	10.105	106	167062	12.952	ug/l	100
66) Styrene	10.121	104	289400	12.790	ug/l	100
67) Bromoform	10.298	173	52820	12.555	ug/l	100
69) Isopropylbenzene	10.491	105	457053	13.255	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.790	83	92149	10.412	ug/l	100
71) 1,2,3-Trichloropropane	10.835	75	71479m	10.745	ug/l	
72) Bromobenzene	10.787	156	107705	12.323	ug/l	100
73) n-propylbenzene	10.912	120	126965	13.234	ug/l	100
74) 2-Chlorotoluene	10.993	126	106556	12.420	ug/l	100
75) 1,3,5-Trimethylbenzene	11.096	105	397864	12.991	ug/l	100
76) 4-Chlorotoluene	11.105	126	111479	12.085	ug/l	100
77) tert-Butylbenzene	11.427	119	397187	13.324	ug/l	100
78) 1,2,4-Trimethylbenzene	11.475	105	404095	12.904	ug/l	100
79) sec-Butylbenzene	11.652	105	530135	12.843	ug/l	100
80) Nitrobenzene	13.214	77	19676	69.828	ug/l	100
81) p-Isopropyltoluene	11.800	119	449618	13.359	ug/l	100
82) 1,3-Dichlorobenzene	11.752	146	216110	11.483	ug/l	100
83) 1,4-Dichlorobenzene	11.842	146	216763	11.573	ug/l	100
84) n-Butylbenzene	12.214	91	442159	13.258	ug/l	100
85) 1,2-Dichlorobenzene	12.218	146	205243	11.463	ug/l	100
86) 1,2-Dibromo-3-Chloropr...	13.002	75	18025	12.914	ug/l	100
87) 1,2,4-Trichlorobenzene	13.848	180	149199	13.594	ug/l	100
88) Hexachlorobutadiene	14.028	225	76570	11.196	ug/l	100
89) Naphthalene	14.092	128	287385	14.746	ug/l	100
90) 1,2,3-Trichlorobenzene	14.337	180	134615	13.000	ug/l	100

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

