

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U102320\
 Data File : VU040926.D
 Acq On : 23 Oct 2020 09:56
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Manual Integrations
 APPROVED

MMDadoda
 10/26/2020 4:24:01 PM

Quant Time: Oct 24 06:36:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U102220DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Oct 23 07:07:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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1) Fluorobenzene	6.12	96	59897	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.63	95	25256	1.15	ug/l	0.00
Spiked Amount 1.000			Recovery	=	115.00%	
68) 1,2-Dichlorobenzene-d4	12.19	152	24209	1.06	ug/l	0.00
Spiked Amount 1.000			Recovery	=	106.00%	
Target Compounds						
					Ovalue	
2) Dichlorodifluoromethane	1.39	85	273396	9.786	ug/l	99
3) Chloromethane	1.53	50	280705	9.641	ug/l	97
4) Vinyl Chloride	1.61	62	262725	9.689	ug/l	99
5) Bromomethane	1.87	94	139526	8.756	ug/l	99
6) Chloroethane	1.94	64	153725	9.277	ug/l	99
7) Trichlorofluoromethane	2.15	101	345093	10.073	ug/l	99
8) 1,1,2-Trichloro-1,2,2-trif	2.59	101	190666	10.011	ug/l	99
9) 1,1-Dichloroethene	2.59	96	165400	9.971	ug/l	100
10) Iodomethane	2.74	142	208004	10.274	ug/l	99
11) Allyl Chloride	2.94	41	346099	10.134	ug/l	99
12) Acrylonitrile	3.33	53	119086	20.364	ug/l	99
13) Acetone	2.65	43	278621	56.924	ug/l	96
14) Carbon Disulfide	2.81	76	626801	10.056	ug/l	99
15) Methylene Chloride	3.06	84	194772	9.040	ug/l	99
16) trans-1,2-Dichloroethene	3.37	96	186409	9.929	ug/l	99
17) 1,1-Dichloroethane	3.89	63	378154	9.848	ug/l	99
18) 2-Butanone	4.74	43	418148	52.813	ug/l	99
19) Cyclohexane	5.39	56	357608m	9.895	ug/l	
20) Methylcyclohexane	6.77	83	307802	11.386	ug/l	98
21) 2,2-Dichloropropane	4.68	77	329492	10.162	ug/l	99
22) cis-1,2-Dichloroethene	4.68	96	194663	9.718	ug/l	99
23) Diethyl Ether	2.39	59	164913	10.069	ug/l	99
24) tert-Butyl Alcohol	3.24	59	179538	98.264	ug/l	97
25) Methyl tert-Butyl Ether	3.38	73	515526	10.019	ug/l	99
26) Bromochloromethane	4.99	128	86786	9.968	ug/l	99
27) Chloroform	5.11	83	361908	9.862	ug/l	99
28) 1,1,1-Trichloroethane	5.33	97	310301	9.807	ug/l	98
29) 1,1-Dichloropropene	5.54	75	280185	10.107	ug/l	99
30) Carbon Tetrachloride	5.53	117	282866	9.877	ug/l	98
31) Isopropyl Ether	4.02	45	589148	9.922	ug/l	98
32) Ethyl-t-butyl ether	4.53	59	523090	10.002	ug/l	99
33) Tert-Amyl methyl ether	5.96	73	420216	10.789	ug/l	99
34) Propionitrile	4.81	54	110688	50.917	ug/l	97
35) Benzene	5.78	78	776959	10.111	ug/l	99
36) 1,2-Dichloroethane	5.81	62	284459	9.986	ug/l	100
37) Trichloroethene	6.55	130	183147	10.083	ug/l	97
38) 1,2-Dichloropropane	6.80	63	221774	10.173	ug/l	98
39) Methacrylonitrile	5.00	41	102288	10.037	ug/l	99
40) Methyl acrylate	4.87	55	144054	10.308	ug/l	98
41) Tetrahydrofuran	5.09	42	101026	19.271	ug/l	98
42) 1-Chlorobutane	5.47	56	423055	10.095	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.93	93	124058	10.154	ug/l	98
44) Bromodichloromethane	7.11	83	289636	10.210	ug/l	99
45) 4-Methyl-2-Pentanone	7.81	43	916880	57.160	ug/l	99
46) t-1,4-Dichloro-2-butene	10.83	75	139547m	22.000	ug/l	
47) Methyl methacrylate	6.98	69	235824	23.118	ug/l	99
48) Ethyl methacrylate	8.34	69	195758	11.407	ug/l	100
49) Toluene	7.97	92	470695	11.138	ug/l	98
50) t-1,3-Dichloropropene	8.22	75	273756	11.166	ug/l	97
51) cis-1,3-Dichloropropene	7.62	75	285845	10.639	ug/l	99
52) 1,1,2-Trichloroethane	8.41	97	161417	10.449	ug/l	97
53) 1,3-Dichloropropane	8.58	76	289929	10.454	ug/l	99
54) 2-Hexanone	8.69	43	670289	59.812	ug/l	99
55) Dibromochloromethane	8.82	129	191173	10.321	ug/l	98
56) 1,2-Dibromoethane	8.93	107	152205	10.626	ug/l	97
58) Tetrachloroethene	8.56	164	170914	10.065	ug/l	99
59) Chlorobenzene	9.45	112	479723	10.723	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.54	131	180015	10.241	ug/l	99
61) Pentachloroethane	11.42	117	145233	10.229	ug/l	100
62) Hexachloroethane	12.47	117	155772	10.779	ug/l	98
63) Ethyl Benzene	9.57	91	862728	11.643	ug/l	99
64) m/p-Xylenes	9.69	106	695219	21.163	ug/l	99
65) o-Xylene	10.10	106	311228	11.961	ug/l	100
66) Styrene	10.11	104	576058	10.609	ug/l	99
67) Bromoform	10.29	173	103590	10.333	ug/l	99
69) Isopropylbenzene	10.48	105	822355	11.850	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.78	83	219199	10.429	ug/l	100
71) 1,2,3-Trichloropropane	10.83	75	168050m	10.488	ug/l	
72) Bromobenzene	10.78	156	197132	10.895	ug/l	100
73) n-propylbenzene	10.90	120	241404	10.472	ug/l	96
74) 2-Chlorotoluene	10.98	126	203024	11.275	ug/l	98
75) 1,3,5-Trimethylbenzene	11.09	105	754779	10.439	ug/l	100
76) 4-Chlorotoluene	11.10	126	220756	11.829	ug/l	100
77) tert-Butylbenzene	11.42	119	688623	11.740	ug/l	98
78) 1,2,4-Trimethylbenzene	11.46	105	791800	10.557	ug/l	100
79) sec-Butylbenzene	11.64	105	981549	12.053	ug/l	100
80) Nitrobenzene	13.20	77	53485	53.803	ug/l	97
81) p-Isopropyltoluene	11.79	119	834669	10.535	ug/l	99
82) 1,3-Dichlorobenzene	11.74	146	420047	10.643	ug/l	99
83) 1,4-Dichlorobenzene	11.83	146	433462	10.861	ug/l	99
84) n-Butylbenzene	12.20	91	844762	12.393	ug/l	100
85) 1,2-Dichlorobenzene	12.20	146	414879	10.990	ug/l	99
86) 1,2-Dibromo-3-Chloropropan	12.99	75	40435	10.305	ug/l	98
87) 1,2,4-Trichlorobenzene	13.83	180	243600	11.009	ug/l	98
88) Hexachlorobutadiene	14.01	225	137435	11.063	ug/l	99
89) Naphthalene	14.08	128	531338	9.561	ug/l	99
90) 1,2,3-Trichlorobenzene	14.32	180	251013	11.659	ug/l	100

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

