

Data Path : \\74.0.250.170\TERASTORAGE\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102919\
 Data File : VU035541.D
 Acq On : 29 Oct 2019 15:10
 Operator : JC/SP
 Sample : VSTDICV010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU102919

Manual Integrations
 APPROVED

MMDadoda
 10/30/2019 10:39:03 AM

Quant Time: Oct 30 06:09:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U102919DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Oct 30 05:38:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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1) Fluorobenzene	6.16	96	90759	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.66	95	35201	1.08	ug/l	0.00
Spiked Amount 1.000			Recovery	=	108.00%	
68) 1,2-Dichlorobenzene-d4	12.22	152	37397	1.08	ug/l	0.00
Spiked Amount 1.000			Recovery	=	108.00%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.40	85	316935	8.916	ug/l	99
3) Chloromethane	1.54	50	419175	9.624	ug/l	100
4) Vinyl Chloride	1.62	62	413900	10.723	ug/l	99
5) Bromomethane	1.88	94	215124	10.963	ug/l	99
6) Chloroethane	1.95	64	241107	10.867	ug/l	99
7) Trichlorofluoromethane	2.16	101	498312	10.448	ug/l	99
8) 1,1,2-Trichloro-1,2,2-trif	2.61	101	293478	11.354	ug/l	99
9) 1,1-Dichloroethene	2.61	96	289197	11.594	ug/l	98
10) Iodomethane	2.75	142	216420	12.257	ug/l	98
11) Allyl Chloride	2.96	41	460375	10.986	ug/l	98
12) Acrylonitrile	3.37	53	321050m	51.278	ug/l	
13) Acetone	2.67	43	398846	65.633	ug/l	100
14) Carbon Disulfide	2.82	76	959604	10.881	ug/l	100
15) Methylene Chloride	3.08	84	326473	10.179	ug/l	99
16) trans-1,2-Dichloroethene	3.39	96	308452	11.246	ug/l	99
17) 1,1-Dichloroethane	3.92	63	565649	11.008	ug/l	100
18) 2-Butanone	4.79	43	449576	57.080	ug/l	100
19) Cyclohexane	5.43	56	506621m	12.442	ug/l	
20) Methylcyclohexane	6.80	83	516204	12.358	ug/l	100
21) 2,2-Dichloropropane	4.72	77	474965	10.711	ug/l	99
22) cis-1,2-Dichloroethene	4.72	96	334519	11.396	ug/l	99
23) Diethyl Ether	2.41	59	219413	10.668	ug/l	98
24) tert-Butyl Alcohol	3.26	59	117931	51.446	ug/l	98
25) Methyl tert-Butyl Ether	3.43	73	703304	10.517	ug/l	99
26) Bromochloromethane	5.03	128	136194	10.390	ug/l	100
27) Chloroform	5.14	83	550887	10.035	ug/l	99
28) 1,1,1-Trichloroethane	5.36	97	470681	10.822	ug/l	100
29) 1,1-Dichloropropene	5.57	75	429594	11.778	ug/l	99
30) Carbon Tetrachloride	5.57	117	429366	11.099	ug/l	99
31) Isopropyl Ether	4.07	45	892783	12.442	ug/l #	1
34) Propionitrile	4.85	54	238202	104.416	ug/l	98
35) Benzene	5.82	78	1263441	11.352	ug/l	99
36) 1,2-Dichloroethane	5.84	62	342445	10.739	ug/l	99
37) Trichloroethene	6.58	130	340260	11.006	ug/l	100
38) 1,2-Dichloropropane	6.83	63	334311	10.954	ug/l	98
39) Methacrylonitrile	5.04	41	97513	11.384	ug/l	98
40) Methyl acrylate	4.91	55	163366	12.526	ug/l #	94
41) Tetrahydrofuran	5.13	42	253835	57.643	ug/l #	37
42) 1-Chlorobutane	5.50	56	584345	11.644	ug/l	99
43) Dibromomethane	6.96	93	165885	10.881	ug/l	97
44) Bromodichloromethane	7.15	83	415115	10.927	ug/l	100

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45) 4-Methyl-2-Pentanone	7.84	43	934671	57.491	ug/l	99
46) t-1,4-Dichloro-2-butene	10.87	75	86600m	14.656	ug/l	
47) Methyl methacrylate	7.01	69	143690	11.380	ug/l	99
48) Ethyl methacrylate	8.38	69	296787	13.451	ug/l	99
49) Toluene	8.01	92	794953	12.419	ug/l	99
50) t-1,3-Dichloropropene	8.25	75	417434	12.408	ug/l	100
51) cis-1,3-Dichloropropene	7.65	75	489148	12.256	ug/l	99
52) 1,1,2-Trichloroethane	8.44	97	236042	11.047	ug/l	98
53) 1,3-Dichloropropane	8.61	76	414455	11.446	ug/l	99
54) 2-Hexanone	8.73	43	713521	61.759	ug/l	99
55) Dibromochloromethane	8.84	129	288972	11.077	ug/l	100
56) 1,2-Dibromoethane	8.96	107	232230	11.881	ug/l	99
58) Tetrachloroethene	8.58	164	322556	11.381	ug/l	98
59) Chlorobenzene	9.48	112	855005	11.584	ug/l	97
60) 1,1,1,2-Tetrachloroethane	9.56	131	313596	11.051	ug/l	99
61) Pentachloroethane	11.46	117	255628	11.055	ug/l	98
62) Hexachloroethane	12.50	117	239394	11.333	ug/l	98
63) Ethyl Benzene	9.60	91	1524753	13.302	ug/l	99
64) m/p-Xylenes	9.73	106	1204564	26.615	ug/l #	1
65) o-Xylene	10.13	106	554231	12.674	ug/l	99
66) Styrene	10.14	104	975795	13.480	ug/l	99
67) Bromoform	10.32	173	181149	11.192	ug/l	99
69) Isopropylbenzene	10.51	105	1518386	13.316	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.81	83	303541	10.655	ug/l #	64
71) 1,2,3-Trichloropropane	10.85	75	229869m	10.744	ug/l	
72) Bromobenzene	10.81	156	383879	12.084	ug/l	99
73) n-propylbenzene	10.93	120	420492	13.205	ug/l	99
74) 2-Chlorotoluene	11.01	126	367776	12.318	ug/l	99
75) 1,3,5-Trimethylbenzene	11.11	105	1304196	13.881	ug/l	100
76) 4-Chlorotoluene	11.12	126	388836	12.823	ug/l	98
77) tert-Butylbenzene	11.45	119	1241050	12.880	ug/l	100
78) 1,2,4-Trimethylbenzene	11.49	105	1305162	13.727	ug/l	99
79) sec-Butylbenzene	11.67	105	1516822	12.306	ug/l	100
80) Nitrobenzene	13.24	77	9127	9.560	ug/l	95
81) p-Isopropyltoluene	11.82	119	1394094	14.136	ug/l #	67
82) 1,3-Dichlorobenzene	11.77	146	732003	12.098	ug/l	99
83) 1,4-Dichlorobenzene	11.86	146	726436	12.519	ug/l	100
84) n-Butylbenzene	12.23	91	1233445	15.239	ug/l	99
85) 1,2-Dichlorobenzene	12.24	146	680927	11.951	ug/l	99
86) 1,2-Dibromo-3-Chloropropan	13.02	75	46036	12.689	ug/l	99
87) 1,2,4-Trichlorobenzene	13.86	180	381124	14.233	ug/l	100
88) Hexachlorobutadiene	14.04	225	260556	12.277	ug/l	99
89) Naphthalene	14.11	128	609434	14.188	ug/l	99
90) 1,2,3-Trichlorobenzene	14.35	180	360055	13.784	ug/l	99

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

