

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU033119\
 Data File : VU030580.D
 Acq On : 30 Mar 2019 19:44
 Operator : JC/SP
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

Manual Integrations
 APPROVED

Quant Time: Mar 31 01:46:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U033119DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Sun Mar 31 01:11:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	5.74	96	57042	1.00	ug/l	0.00

System Monitoring Compounds

57) 4-Bromofluorobenzene	10.31	95	22516	1.04	ug/l	0.00
Spiked Amount	1.000		Recovery	=	104.00%	
68) 1,2-Dichlorobenzene-d4	11.86	152	20564	1.02	ug/l	0.00
Spiked Amount	1.000		Recovery	=	102.00%	

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Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.21	85	233992	9.752	ug/l	100
3) Chloromethane	1.33	50	280013	9.032	ug/l	99
4) Vinyl Chloride	1.40	62	261634	9.767	ug/l	99
5) Bromomethane	1.62	94	97017	8.398	ug/l	95
6) Chloroethane	1.69	64	141758	9.176	ug/l	99
7) Trichlorofluoromethane	1.88	101	295264	10.036	ug/l	99
8) 1,1,2-Trichloro-1,2,2-trif	2.28	101	144377	9.660	ug/l	100
9) 1,1-Dichloroethene	2.28	96	141989	9.440	ug/l	97
10) Iodomethane	2.41	142	91028	6.430	ug/l	100
11) Allyl Chloride	2.59	41	316403	9.656	ug/l	100
12) Acrylonitrile	2.94	53	87685	20.526	ug/l	97
13) Acetone	2.32	43	185450	46.336	ug/l	100
14) Carbon Disulfide	2.47	76	531053	9.663	ug/l	99
15) Methylene Chloride	2.69	84	174374	9.141	ug/l	99
16) trans-1,2-Dichloroethene	2.97	96	163522	9.623	ug/l	99
17) 1,1-Dichloroethane	3.43	63	348274	10.094	ug/l	99
18) 2-Butanone	4.28	43	295825	57.173	ug/l	100
19) Cyclohexane	4.98	56	298884m	10.269	ug/l	
20) Methylcyclohexane	6.41	83	266768	10.446	ug/l	98
21) 2,2-Dichloropropane	4.22	77	224845	8.479	ug/l	98
22) cis-1,2-Dichloroethene	4.22	96	185706	10.177	ug/l	95
23) Diethyl Ether	2.10	59	144647	10.119	ug/l	99
24) tert-Butyl Alcohol	2.84	59	168985	114.190	ug/l	100
25) Methyl tert-Butyl Ether	3.00	73	449217	10.316	ug/l	99
26) Bromochloromethane	4.54	128	70764	9.903	ug/l	99
27) Chloroform	4.67	83	325333	10.093	ug/l	100
28) 1,1,1-Trichloroethane	4.91	97	268631	10.096	ug/l	99
29) 1,1-Dichloropropene	5.13	75	238468	9.993	ug/l	99
30) Carbon Tetrachloride	5.13	117	227486	10.243	ug/l	100
31) Isopropyl Ether	3.58	45	581712	10.123	ug/l	99
32) Ethyl-t-butyl ether	4.07	59	471497	10.302	ug/l	100
33) Tert-Amyl methyl ether	5.58	73	405994	11.077	ug/l	99
34) Propionitrile	4.33	54	79369	56.425	ug/l #	97
35) Benzene	5.38	78	712202	10.091	ug/l	99
36) 1,2-Dichloroethane	5.40	62	218275	10.125	ug/l	98
37) Trichloroethene	6.18	130	165417	9.770	ug/l	99
38) 1,2-Dichloropropane	6.43	63	196038	10.028	ug/l	95
39) Methacrylonitrile	4.55	41	74004	11.661	ug/l	98
40) Methyl acrylate	4.43	55	101291	11.672	ug/l	98
41) Tetrahydrofuran	4.65	42	78160	21.714	ug/l	96
42) 1-Chlorobutane	5.06	56	372763	10.434	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.56	93	92444	10.430	ug/l	98
44) Bromodichloromethane	6.75	83	238977	10.188	ug/l	100
45) 4-Methyl-2-Pentanone	7.46	43	696622	57.154	ug/l	100
46) t-1,4-Dichloro-2-butene	10.51	75	91258m	23.331	ug/l	
47) Methyl methacrylate	6.62	69	184407	24.530	ug/l	99
48) Ethyl methacrylate	8.02	69	177802	12.063	ug/l	100
49) Toluene	7.63	92	419893	10.857	ug/l	99
50) t-1,3-Dichloropropene	7.88	75	213745	10.874	ug/l	96
51) cis-1,3-Dichloropropene	7.27	75	257380	10.529	ug/l	99
52) 1,1,2-Trichloroethane	8.06	97	126912	10.506	ug/l	97
53) 1,3-Dichloropropane	8.24	76	229118	10.371	ug/l	100
54) 2-Hexanone	8.36	43	480091	58.324	ug/l	100
55) Dibromochloromethane	8.47	129	144481	10.317	ug/l	99
56) 1,2-Dibromoethane	8.59	107	116830	10.425	ug/l	99
58) Tetrachloroethene	8.22	164	160107	10.573	ug/l	97
59) Chlorobenzene	9.12	112	433966	10.385	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.21	131	153884	9.937	ug/l	99
61) Pentachloroethane	11.10	117	114962	9.625	ug/l	98
62) Hexachloroethane	12.14	117	104030	10.008	ug/l	98
63) Ethyl Benzene	9.25	91	799083	10.771	ug/l	99
64) m/p-Xylenes	9.37	106	595700	21.952	ug/l	96
65) o-Xylene	9.77	106	291383	11.169	ug/l	98
66) Styrene	9.79	104	505406	11.494	ug/l	99
67) Bromoform	9.95	173	82470	10.751	ug/l	96
69) Isopropylbenzene	10.16	105	772172	10.877	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.45	83	177587	10.501	ug/l	100
71) 1,2,3-Trichloropropane	10.49	75	102819	9.537	ug/l #	99
72) Bromobenzene	10.45	156	177122	10.399	ug/l	100
73) n-propylbenzene	10.58	120	205461	11.292	ug/l	98
74) 2-Chlorotoluene	10.66	126	182931	10.838	ug/l	99
75) 1,3,5-Trimethylbenzene	10.77	105	665909	11.159	ug/l	99
76) 4-Chlorotoluene	10.77	126	188937	11.012	ug/l	98
77) tert-Butylbenzene	11.10	119	613425	10.854	ug/l	100
78) 1,2,4-Trimethylbenzene	11.14	105	673353	11.382	ug/l	98
79) sec-Butylbenzene	11.32	105	835445	10.877	ug/l	99
80) Nitrobenzene	12.86	77	19069	83.690	ug/l #	95
81) p-Isopropyltoluene	11.47	119	654634	11.097	ug/l	100
82) 1,3-Dichlorobenzene	11.41	146	347301	10.204	ug/l	99
83) 1,4-Dichlorobenzene	11.50	146	346368	10.154	ug/l	99
84) n-Butylbenzene	11.89	91	623331	10.924	ug/l	100
85) 1,2-Dichlorobenzene	11.88	146	323197	10.091	ug/l	98
86) 1,2-Dibromo-3-Chloropropan	12.66	75	28120	11.338	ug/l	97
87) 1,2,4-Trichlorobenzene	13.50	180	197332	10.793	ug/l	99
88) Hexachlorobutadiene	13.69	225	115290	10.000	ug/l	98
89) Naphthalene	13.74	128	355857	11.148	ug/l	100
90) 1,2,3-Trichlorobenzene	13.98	180	185736	10.704	ug/l	99

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

