

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U102220\
 Data File : VU040915.D
 Acq On : 22 Oct 2020 20:30
 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
 10/26/2020 4:14:59 PM

Quant Time: Oct 23 06:57:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U102220DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Oct 23 06:42:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
-----	-----	-----	-----	-----	-----	-----
1) Fluorobenzene	6.12	96	60716	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.63	95	23161	0.95	ug/l	0.00
Spiked Amount 1.000			Recovery	=	95.00%	
68) 1,2-Dichlorobenzene-d4	12.19	152	22967	1.01	ug/l	0.00
Spiked Amount 1.000			Recovery	=	101.00%	
Target Compounds						
					Ovalue	
2) Dichlorodifluoromethane	1.39	85	261605	13.951	ug/l	100
3) Chloromethane	1.53	50	274867	13.810	ug/l	100
4) Vinyl Chloride	1.61	62	263985	13.547	ug/l	100
5) Bromomethane	1.86	94	135040	9.791	ug/l	100
6) Chloroethane	1.94	64	155450	12.322	ug/l	100
7) Trichlorofluoromethane	2.15	101	335071	11.942	ug/l	100
8) 1,1,2-Trichloro-1,2,2-trif	2.59	101	185150	11.512	ug/l	100
9) 1,1-Dichloroethene	2.59	96	164178	11.960	ug/l	100
10) Iodomethane	2.74	142	206202	18.205	ug/l	100
11) Allyl Chloride	2.94	41	332395	12.153	ug/l	100
12) Acrylonitrile	3.33	53	115244	24.039	ug/l	100
13) Acetone	2.64	43	227169	53.262	ug/l	100
14) Carbon Disulfide	2.81	76	615591	15.098	ug/l	100
15) Methylene Chloride	3.06	84	192635	9.346	ug/l	100
16) trans-1,2-Dichloroethene	3.37	96	183649	12.291	ug/l	100
17) 1,1-Dichloroethane	3.89	63	373457	11.532	ug/l	100
18) 2-Butanone	4.74	43	391725	58.710	ug/l	100
19) Cyclohexane	5.40	56	357169m	12.888	ug/l	
20) Methylcyclohexane	6.77	83	302439	12.199	ug/l	100
21) 2,2-Dichloropropane	4.68	77	302482	10.063	ug/l	100
22) cis-1,2-Dichloroethene	4.68	96	188172	11.036	ug/l	100
23) Diethyl Ether	2.39	59	161984	12.324	ug/l	100
24) tert-Butyl Alcohol	3.21	59	187709	108.418	ug/l	100
25) Methyl tert-Butyl Ether	3.38	73	506212	11.232	ug/l	100
26) Bromochloromethane	4.99	128	84660	11.349	ug/l	100
27) Chloroform	5.11	83	354197	10.914	ug/l	100
28) 1,1,1-Trichloroethane	5.33	97	305965	10.899	ug/l	100
29) 1,1-Dichloropropene	5.54	75	273504	11.343	ug/l	100
30) Carbon Tetrachloride	5.54	117	276292	10.881	ug/l	100
31) Isopropyl Ether	4.02	45	578707	10.618	ug/l	100
32) Ethyl-t-butyl ether	4.53	59	513465	10.462	ug/l	100
33) Tert-Amyl methyl ether	5.96	73	413776	9.759	ug/l	100
34) Propionitrile	4.80	54	104293	61.345	ug/l	100
35) Benzene	5.79	78	770109	11.541	ug/l	100
36) 1,2-Dichloroethane	5.81	62	274504	10.721	ug/l	100
37) Trichloroethene	6.55	130	180529	10.795	ug/l	100
38) 1,2-Dichloropropane	6.80	63	219066	11.366	ug/l	100
39) Methacrylonitrile	5.00	41	99780	11.066	ug/l	100
40) Methyl acrylate	4.87	55	139615	11.982	ug/l	100
41) Tetrahydrofuran	5.08	42	99041	22.644	ug/l	100
42) 1-Chlorobutane	5.47	56	416854	11.663	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U102220\
 Data File : VU040915.D
 Acq On : 22 Oct 2020 20:30
 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
 10/26/2020 4:14:59 PM

Quant Time: Oct 23 06:57:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U102220DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Oct 23 06:42:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.93	93	117999	10.673	ug/l	100
44) Bromodichloromethane	7.12	83	281558	10.632	ug/l	100
45) 4-Methyl-2-Pentanone	7.81	43	893440	58.851	ug/l	100
46) t-1,4-Dichloro-2-butene	10.83	75	130700m	22.764	ug/l	
47) Methyl methacrylate	6.98	69	231288	24.171	ug/l	100
48) Ethyl methacrylate	8.34	69	194475	11.377	ug/l	100
49) Toluene	7.98	92	468626	11.635	ug/l	100
50) t-1,3-Dichloropropene	8.22	75	259078	10.928	ug/l	100
51) cis-1,3-Dichloropropene	7.62	75	282033	10.710	ug/l	100
52) 1,1,2-Trichloroethane	8.41	97	155254	10.949	ug/l	100
53) 1,3-Dichloropropane	8.58	76	283069	11.114	ug/l	100
54) 2-Hexanone	8.69	43	621303	56.875	ug/l	100
55) Dibromochloromethane	8.82	129	182192	11.041	ug/l	100
56) 1,2-Dibromoethane	8.93	107	146050	11.015	ug/l	100
58) Tetrachloroethene	8.56	164	166358	10.337	ug/l	100
59) Chlorobenzene	9.45	112	469817	10.721	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.54	131	175464	10.887	ug/l	100
61) Pentachloroethane	11.43	117	138845	12.194	ug/l	100
62) Hexachloroethane	12.47	117	149907	10.744	ug/l	100
63) Ethyl Benzene	9.57	91	852769	11.385	ug/l	100
64) m/p-Xylenes	9.69	106	675497	23.976	ug/l	100
65) o-Xylene	10.10	106	305985	11.341	ug/l	100
66) Styrene	10.11	104	559246	11.788	ug/l	100
67) Bromoform	10.29	173	101619	11.835	ug/l	100
69) Isopropylbenzene	10.48	105	807771	10.958	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.78	83	213064	11.205	ug/l	100
71) 1,2,3-Trichloropropane	10.83	75	178034m	12.181	ug/l	
72) Bromobenzene	10.78	156	193800	11.094	ug/l	100
73) n-propylbenzene	10.90	120	237951	11.618	ug/l	100
74) 2-Chlorotoluene	10.98	126	199892	11.184	ug/l	100
75) 1,3,5-Trimethylbenzene	11.09	105	736023	11.384	ug/l	100
76) 4-Chlorotoluene	11.10	126	214483	11.149	ug/l	100
77) tert-Butylbenzene	11.42	119	664960	11.041	ug/l	100
78) 1,2,4-Trimethylbenzene	11.46	105	760621	11.189	ug/l	100
79) sec-Butylbenzene	11.64	105	945437	10.900	ug/l	100
80) Nitrobenzene	13.20	77	54327	68.946	ug/l	100
81) p-Isopropyltoluene	11.79	119	803314	11.541	ug/l	100
82) 1,3-Dichlorobenzene	11.74	146	408530	10.690	ug/l	100
83) 1,4-Dichlorobenzene	11.83	146	407583	10.755	ug/l	100
84) n-Butylbenzene	12.20	91	800254	11.275	ug/l	100
85) 1,2-Dichlorobenzene	12.21	146	393756	10.728	ug/l	100
86) 1,2-Dibromo-3-Chloropropan	12.99	75	38730	11.106	ug/l	100
87) 1,2,4-Trichlorobenzene	13.83	180	243991	11.508	ug/l	100
88) Hexachlorobutadiene	14.01	225	129077	11.647	ug/l	100
89) Naphthalene	14.08	128	529691	12.807	ug/l	100
90) 1,2,3-Trichlorobenzene	14.32	180	249662	12.419	ug/l	100

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

