

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101521\
 Data File : VU045316.D
 Acq On : 15 Oct 2021 11:35
 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
 10/22/2021 5:37:39 PM

Quant Time: Oct 16 01:09:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U101321DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Oct 14 05:46:27 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.118	96	41009	1.00	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.639	95	16169	1.07	ug/l	0.00
Spiked Amount 1.000			Recovery	=	107.00%	
68) 1,2-Dichlorobenzene-d4	12.198	152	13328	0.95	ug/l	0.00
Spiked Amount 1.000			Recovery	=	95.00%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	158557	10.12	ug/l	99
3) Chloromethane	1.520	50	164894	10.10	ug/l	100
4) Vinyl Chloride	1.604	62	172198	10.17	ug/l	99
5) Bromomethane	1.858	94	86834	9.35	ug/l	100
6) Chloroethane	1.935	64	103867	9.46	ug/l	100
7) Trichlorofluoromethane	2.141	101	192315	9.75	ug/l	99
8) 1,1,2-Trichloro-1,2,2-...	2.581	101	118985	10.43	ug/l	99
9) 1,1-Dichloroethene	2.581	96	108400	10.17	ug/l	100
10) Iodomethane	2.726	142	121792	10.91	ug/l	99
11) Allyl Chloride	2.928	41	166815	10.66	ug/l	96
12) Acrylonitrile	3.327	53	52153	19.18	ug/l	97
13) Acetone	2.642	43	142451	43.92	ug/l	98
14) Carbon Disulfide	2.797	76	326667	10.04	ug/l	99
15) Methylene Chloride	3.051	84	124869	9.67	ug/l	98
16) trans-1,2-Dichloroethene	3.356	96	117721	10.27	ug/l	99
17) 1,1-Dichloroethane	3.877	63	226367	10.53	ug/l	99
18) 2-Butanone	4.716	43	226929	55.01	ug/l	100
19) Cyclohexane	5.394	56	206308m	10.37	ug/l	
20) Methylcyclohexane	6.767	83	206013	10.41	ug/l	98
21) 2,2-Dichloropropane	4.671	77	190364	10.42	ug/l	100
22) cis-1,2-Dichloroethene	4.674	96	131787	10.45	ug/l	99
23) Diethyl Ether	2.382	59	98824	9.79	ug/l	98
24) tert-Butyl Alcohol	3.215	59	64572	81.61	ug/l #	1
25) Methyl tert-Butyl Ether	3.372	73	291143	9.78	ug/l	100
26) Bromochloromethane	4.980	128	53165	9.88	ug/l	96
27) Chloroform	5.095	83	223384	10.15	ug/l	97
28) 1,1,1-Trichloroethane	5.324	97	186552	10.35	ug/l	100
29) 1,1-Dichloropropene	5.533	75	169901	10.31	ug/l	99
30) Carbon Tetrachloride	5.530	117	144931	10.37	ug/l	100
31) Isopropyl Ether	4.002	45	361719	10.63	ug/l	99
32) Ethyl-t-butyl ether	4.510	59	348504	10.17	ug/l	99
33) Tert-Amyl methyl ether	5.948	73	310432	10.22	ug/l	100
34) Propionitrile	4.790	54	43441	42.32	ug/l #	97
35) Benzene	5.780	78	495725	10.40	ug/l	100
36) 1,2-Dichloroethane	5.800	62	150648	9.90	ug/l	100
37) Trichloroethene	6.549	130	118535	10.23	ug/l	98
38) 1,2-Dichloropropane	6.796	63	129431	10.47	ug/l	99
39) Methacrylonitrile	4.983	41	38657	9.51	ug/l	96
40) Methyl acrylate	4.851	55	70301	10.38	ug/l	100
41) Tetrahydrofuran	5.063	42	44704	19.23	ug/l #	90
42) 1-Chlorobutane	5.465	56	246255	10.40	ug/l	99
43) Dibromomethane	6.925	93	62099	10.12	ug/l	100
44) Bromodichloromethane	7.111	83	161160	10.54	ug/l	100

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45) 4-Methyl-2-Pentanone	7.800	43	414743	49.51	ug/l	99
46) t-1,4-Dichloro-2-butene	10.838	75	66084m	22.41	ug/l	
47) Methyl methacrylate	6.967	69	124399	20.00	ug/l	99
48) Ethyl methacrylate	8.340	69	125541	10.21	ug/l	98
49) Toluene	7.973	92	304445	10.38	ug/l	100
50) t-1,3-Dichloropropene	8.214	75	156000	10.41	ug/l	99
51) cis-1,3-Dichloropropene	7.613	75	182055	10.40	ug/l	99
52) 1,1,2-Trichloroethane	8.407	97	88795	10.04	ug/l	99
53) 1,3-Dichloropropane	8.581	76	164300	9.97	ug/l	100
54) 2-Hexanone	8.693	43	342338	52.90	ug/l	100
55) Dibromochloromethane	8.816	129	96750	10.41	ug/l	100
56) 1,2-Dibromoethane	8.928	107	82700	9.93	ug/l	98
58) Tetrachloroethene	8.558	164	106998	10.24	ug/l	98
59) Chlorobenzene	9.452	112	309467	10.19	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.539	131	105837	10.47	ug/l	98
61) Pentachloroethane	11.433	117	77781	10.58	ug/l	99
62) Hexachloroethane	12.481	117	83815	10.85	ug/l	100
63) Ethyl Benzene	9.574	91	579518	10.62	ug/l	99
64) m/p-Xylenes	9.697	106	443109	21.39	ug/l	100
65) o-Xylene	10.105	106	211794	10.47	ug/l	99
66) Styrene	10.118	104	362095	10.95	ug/l	99
67) Bromoform	10.295	173	50277	10.34	ug/l	100
69) Isopropylbenzene	10.491	105	563749	10.61	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.787	83	112067	9.86	ug/l	99
71) 1,2,3-Trichloropropane	10.832	75	81050m	8.65	ug/l	
72) Bromobenzene	10.787	156	120387	10.26	ug/l	100
73) n-propylbenzene	10.912	120	148656	10.69	ug/l	99
74) 2-Chlorotoluene	10.992	126	124428	10.37	ug/l	98
75) 1,3,5-Trimethylbenzene	11.092	105	479368	10.82	ug/l	100
76) 4-Chlorotoluene	11.102	126	130327	10.62	ug/l	99
77) tert-Butylbenzene	11.426	119	448758	10.43	ug/l	100
78) 1,2,4-Trimethylbenzene	11.471	105	485158	10.72	ug/l	99
79) sec-Butylbenzene	11.648	105	625149	10.54	ug/l	99
80) Nitrobenzene	13.211	77	15214	47.02	ug/l	98
81) p-Isopropyltoluene	11.799	119	509239	10.70	ug/l	100
82) 1,3-Dichlorobenzene	11.751	146	238019	10.15	ug/l	100
83) 1,4-Dichlorobenzene	11.841	146	235468	10.16	ug/l	100
84) n-Butylbenzene	12.214	91	496483	10.95	ug/l	100
85) 1,2-Dichlorobenzene	12.217	146	223534	10.04	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	13.002	75	18586	9.84	ug/l	97
87) 1,2,4-Trichlorobenzene	13.844	180	142474	10.38	ug/l	100
88) Hexachlorobutadiene	14.024	225	67276	10.48	ug/l	98
89) Naphthalene	14.092	128	262223	9.72	ug/l	100
90) 1,2,3-Trichlorobenzene	14.333	180	129834	10.19	ug/l	99

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

