

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060221\
 Data File : VU044022.D
 Acq On : 02 Jun 2021 12:25
 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

SAM
 6/3/2021 5:46:42 PM

Quant Time: Jun 03 05:30:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U060221DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Jun 03 05:27:03 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.124	96	19630	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.639	95	7014	0.844	ug/l	0.00
Spiked Amount 1.000			Recovery	=	84.000%	
68) 1,2-Dichlorobenzene-d4	12.201	152	7204	0.818	ug/l	0.00
Spiked Amount 1.000			Recovery	=	82.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.391	85	83207	10.702	ug/l	100
3) Chloromethane	1.527	50	86118	11.431	ug/l	100
4) Vinyl Chloride	1.610	62	83067	11.509	ug/l	100
5) Bromomethane	1.864	94	44896	9.846	ug/l	100
6) Chloroethane	1.941	64	47118	9.913	ug/l	100
7) Trichlorofluoromethane	2.147	101	93184	8.126	ug/l	100
8) 1,1,2-Trichloro-1,2,2-...	2.591	101	54940	9.301	ug/l	100
9) 1,1-Dichloroethene	2.588	96	51041	9.878	ug/l	100
10) Iodomethane	2.732	142	71155	9.017	ug/l	100
11) Allyl Chloride	2.932	41	84110	8.676	ug/l	100
12) Acrylonitrile	3.327	53	20321	14.409	ug/l	100
13) Acetone	2.639	43	27515	25.865	ug/l	100
14) Carbon Disulfide	2.803	76	175224	10.647	ug/l	100
15) Methylene Chloride	3.054	84	59003	9.403	ug/l	100
16) trans-1,2-Dichloroethene	3.362	96	55258	9.876	ug/l	100
17) 1,1-Dichloroethane	3.880	63	107163	9.423	ug/l	100
18) 2-Butanone	4.732	43	58278	29.388	ug/l	100
19) Cyclohexane	5.391	56	101284m	10.274	ug/l	
20) Methylcyclohexane	6.771	83	95613	11.161	ug/l	100
21) 2,2-Dichloropropane	4.674	77	86657	8.433	ug/l	100
22) cis-1,2-Dichloroethene	4.677	96	60048	9.569	ug/l	100
23) Diethyl Ether	2.385	59	41716	9.611	ug/l	100
24) tert-Butyl Alcohol	3.205	59	23147	81.825	ug/l	100
25) Methyl tert-Butyl Ether	3.382	73	125386	8.396	ug/l	100
26) Bromochloromethane	4.986	128	24118	8.265	ug/l	100
27) Chloroform	5.099	83	103707	8.826	ug/l	100
28) 1,1,1-Trichloroethane	5.324	97	91647	8.658	ug/l	100
29) 1,1-Dichloropropene	5.533	75	84116	10.870	ug/l	100
30) Carbon Tetrachloride	5.530	117	77860	9.401	ug/l	100
31) Isopropyl Ether	4.015	45	171794	8.575	ug/l	100
32) Ethyl-t-butyl ether	4.523	59	157180	8.799	ug/l	100
33) Tert-Amyl methyl ether	5.964	73	129355	9.867	ug/l	100
34) Propionitrile	4.800	54	16911	38.793	ug/l	100
35) Benzene	5.784	78	245968	11.218	ug/l	100
36) 1,2-Dichloroethane	5.806	62	70692	8.700	ug/l	100
37) Trichloroethene	6.552	130	56724	9.933	ug/l	100
38) 1,2-Dichloropropane	6.803	63	66086	10.610	ug/l	100
39) Methacrylonitrile	4.996	41	18822	6.704	ug/l	100
40) Methyl acrylate	4.867	55	35580	9.445	ug/l	100
41) Tetrahydrofuran	5.079	42	17111	12.379	ug/l	100
42) 1-Chlorobutane	5.465	56	120580	10.547	ug/l	100
43) Dibromomethane	6.928	93	31659	9.582	ug/l	100
44) Bromodichloromethane	7.118	83	79386	10.101	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.812	43	191319	39.965	ug/l	100
46) t-1,4-Dichloro-2-butene	10.841	75	33110m	21.092	ug/l	
47) Methyl methacrylate	6.980	69	60227	20.610	ug/l	100
48) Ethyl methacrylate	8.346	69	54951	9.612	ug/l	100
49) Toluene	7.976	92	150932	11.275	ug/l	100
50) t-1,3-Dichloropropene	8.221	75	72990	10.431	ug/l	100
51) cis-1,3-Dichloropropene	7.616	75	82502	10.468	ug/l	100
52) 1,1,2-Trichloroethane	8.410	97	45860	9.896	ug/l	100
53) 1,3-Dichloropropane	8.584	76	81704	10.207	ug/l	100
54) 2-Hexanone	8.700	43	136270	40.141	ug/l	100
55) Dibromochloromethane	8.819	129	50567	9.374	ug/l	100
56) 1,2-Dibromoethane	8.935	107	41935	9.253	ug/l	100
58) Tetrachloroethene	8.558	164	54847	8.967	ug/l	100
59) Chlorobenzene	9.455	112	147099	9.937	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.542	131	54421	9.512	ug/l	100
61) Pentachloroethane	11.436	117	43667	9.868	ug/l	100
62) Hexachloroethane	12.484	117	44182	9.773	ug/l	100
63) Ethyl Benzene	9.578	91	277759	10.967	ug/l	100
64) m/p-Xylenes	9.700	106	224510	22.839	ug/l	100
65) o-Xylene	10.108	106	102327	10.848	ug/l	100
66) Styrene	10.121	104	183663	11.362	ug/l	100
67) Bromoform	10.298	173	27883	8.211	ug/l	100
69) Isopropylbenzene	10.491	105	270934	10.634	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.790	83	59456	9.851	ug/l	100
71) 1,2,3-Trichloropropane	10.835	75	42289m	9.062	ug/l	
72) Bromobenzene	10.790	156	61784	8.833	ug/l	100
73) n-propylbenzene	10.915	120	78119	10.919	ug/l	100
74) 2-Chlorotoluene	10.992	126	65216	10.116	ug/l	100
75) 1,3,5-Trimethylbenzene	11.095	105	249095	10.953	ug/l	100
76) 4-Chlorotoluene	11.105	126	69809	10.248	ug/l	100
77) tert-Butylbenzene	11.430	119	226445	10.115	ug/l	100
78) 1,2,4-Trimethylbenzene	11.475	105	257028	10.948	ug/l	100
79) sec-Butylbenzene	11.651	105	322724	10.605	ug/l	100
80) Nitrobenzene	13.214	77	9630	59.154	ug/l	100
81) p-Isopropyltoluene	11.799	119	271350	10.627	ug/l	100
82) 1,3-Dichlorobenzene	11.751	146	131962	9.400	ug/l	100
83) 1,4-Dichlorobenzene	11.844	146	132583	9.406	ug/l	100
84) n-Butylbenzene	12.217	91	268682	10.946	ug/l	100
85) 1,2-Dichlorobenzene	12.221	146	125321	9.141	ug/l	100
86) 1,2-Dibromo-3-Chloropr...	13.005	75	9689	8.938	ug/l	100
87) 1,2,4-Trichlorobenzene	13.848	180	74649	8.317	ug/l	100
88) Hexachlorobutadiene	14.028	225	47676	7.895	ug/l	100
89) Naphthalene	14.095	128	136957	9.313	ug/l	100
90) 1,2,3-Trichlorobenzene	14.336	180	74756	8.720	ug/l	100

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

