

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031721\
 Data File : VU042688.D
 Acq On : 17 Mar 2021 13:16
 Operator : SY/MD
 Sample : VSTDIC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

MMDadoda
 3/25/2021 1:07:24 PM

Quant Time: Mar 18 03:52:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U031721DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Mar 18 03:47:11 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.124	96	16832	1.00	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.642	95	7401	0.99	ug/l	0.00
Spiked Amount 1.000			Recovery	=	99.00%	
68) 1,2-Dichlorobenzene-d4	12.201	152	7919	1.00	ug/l	0.00
Spiked Amount 1.000			Recovery	=	100.00%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	33280	4.94	ug/l	99
3) Chloromethane	1.523	50	29909	4.77	ug/l	98
4) Vinyl Chloride	1.610	62	30454	5.11	ug/l	100
5) Bromomethane	1.861	94	19043	4.66	ug/l	100
6) Chloroethane	1.938	64	20153	5.28	ug/l	98
7) Trichlorofluoromethane	2.144	101	51731	4.99	ug/l	98
8) 1,1,2-Trichloro-1,2,2-...	2.591	101	26128	4.99	ug/l	98
9) 1,1-Dichloroethene	2.591	96	21809	4.91	ug/l	98
10) Iodomethane	2.729	142	35812	4.99	ug/l	98
11) Allyl Chloride	2.932	41	42222	5.04	ug/l	99
12) Acrylonitrile	3.330	53	13692	10.82	ug/l	# 91
13) Acetone	2.639	43	23973	25.85	ug/l	93
14) Carbon Disulfide	2.803	76	68618	4.96	ug/l	99
15) Methylene Chloride	3.054	84	25033	4.41	ug/l	93
16) trans-1,2-Dichloroethene	3.362	96	24380	5.15	ug/l	93
17) 1,1-Dichloroethane	3.880	63	49300	5.05	ug/l	99
18) 2-Butanone	4.735	43	43827	24.74	ug/l	99
19) Cyclohexane	5.391	56	42008m	5.23	ug/l	
20) Methylcyclohexane	6.767	83	37752	5.21	ug/l	98
21) 2,2-Dichloropropane	4.674	77	45240	5.06	ug/l	97
22) cis-1,2-Dichloroethene	4.681	96	27217	5.09	ug/l	98
23) Diethyl Ether	2.385	59	18284	4.87	ug/l	96
24) tert-Butyl Alcohol	3.215	59	13943	55.74	ug/l	99
25) Methyl tert-Butyl Ether	3.379	73	64549	4.95	ug/l	98
26) Bromochloromethane	4.986	128	13314	5.10	ug/l	99
27) Chloroform	5.102	83	52496	5.06	ug/l	97
28) 1,1,1-Trichloroethane	5.324	97	47007	5.03	ug/l	97
29) 1,1-Dichloropropene	5.536	75	33164	5.07	ug/l	99
30) Carbon Tetrachloride	5.530	117	36796	4.98	ug/l	98
31) Isopropyl Ether	4.012	45	87066	5.02	ug/l	99
32) Ethyl-t-butyl ether	4.523	59	77994	5.04	ug/l	100
33) Tert-Amyl methyl ether	5.960	73	57754	5.02	ug/l	100
34) Propionitrile	4.803	54	10261	26.26	ug/l	# 92
35) Benzene	5.784	78	92299	5.06	ug/l	99
36) 1,2-Dichloroethane	5.809	62	35462	4.96	ug/l	98
37) Trichloroethene	6.549	130	24731	4.93	ug/l	98
38) 1,2-Dichloropropane	6.803	63	25975	5.04	ug/l	93
39) Methacrylonitrile	4.996	41	12302	4.61	ug/l	# 66
40) Methyl acrylate	4.867	55	15960	4.67	ug/l	# 96
41) Tetrahydrofuran	5.083	42	12130	9.94	ug/l	# 78
42) 1-Chlorobutane	5.465	56	49005	5.07	ug/l	96
43) Dibromomethane	6.931	93	14648	4.99	ug/l	97
44) Bromodichloromethane	7.118	83	34394	5.07	ug/l	98

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45) 4-Methyl-2-Pentanone	7.812	43	112183	25.50	ug/l	99
46) t-1,4-Dichloro-2-butene	10.838	75	17762m	12.38	ug/l	
47) Methyl methacrylate	6.976	69	26297	10.28	ug/l	97
48) Ethyl methacrylate	8.349	69	25859	5.10	ug/l	97
49) Toluene	7.980	92	58196	5.20	ug/l	98
50) t-1,3-Dichloropropene	8.221	75	31275	5.04	ug/l	95
51) cis-1,3-Dichloropropene	7.620	75	35148	5.21	ug/l	100
52) 1,1,2-Trichloroethane	8.411	97	20344	5.09	ug/l	96
53) 1,3-Dichloropropane	8.584	76	33990	4.95	ug/l	98
54) 2-Hexanone	8.703	43	79610	25.88	ug/l	100
55) Dibromochloromethane	8.822	129	24420	5.18	ug/l	99
56) 1,2-Dibromoethane	8.935	107	19815	5.00	ug/l	99
58) Tetrachloroethene	8.562	164	27456	5.20	ug/l	98
59) Chlorobenzene	9.455	112	65609	5.16	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.546	131	26006	5.13	ug/l	99
61) Pentachloroethane	11.436	117	19148	5.01	ug/l	99
62) Hexachloroethane	12.484	117	20979	5.25	ug/l	98
63) Ethyl Benzene	9.578	91	114199	5.29	ug/l	100
64) m/p-Xylenes	9.703	106	91050	10.85	ug/l	98
65) o-Xylene	10.108	106	42406	5.17	ug/l	99
66) Styrene	10.124	104	75281	5.52	ug/l	100
67) Bromoform	10.301	173	15778	5.16	ug/l	99
69) Isopropylbenzene	10.494	105	116422	5.20	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.793	83	26131	4.85	ug/l	97
71) 1,2,3-Trichloropropane	10.835	75	21274m	4.56	ug/l	
72) Bromobenzene	10.790	156	31257	4.99	ug/l	96
73) n-propylbenzene	10.915	120	32887	5.35	ug/l	97
74) 2-Chlorotoluene	10.996	126	29636	5.25	ug/l	98
75) 1,3,5-Trimethylbenzene	11.095	105	107147	5.44	ug/l	99
76) 4-Chlorotoluene	11.105	126	32144	5.47	ug/l	99
77) tert-Butylbenzene	11.430	119	102618	5.21	ug/l	99
78) 1,2,4-Trimethylbenzene	11.475	105	109479	5.35	ug/l	99
79) sec-Butylbenzene	11.652	105	139398	5.38	ug/l	100
80) Nitrobenzene	13.221	77	3267	23.37	ug/l	97
81) p-Isopropyltoluene	11.803	119	118744	5.41	ug/l	99
82) 1,3-Dichlorobenzene	11.754	146	63991	5.33	ug/l	99
83) 1,4-Dichlorobenzene	11.844	146	64464	5.28	ug/l	98
84) n-Butylbenzene	12.217	91	115060	5.56	ug/l	98
85) 1,2-Dichlorobenzene	12.221	146	62221	5.17	ug/l	98
86) 1,2-Dibromo-3-Chloropr...	13.005	75	5373	5.39	ug/l	99
87) 1,2,4-Trichlorobenzene	13.851	180	42574	5.52	ug/l	97
88) Hexachlorobutadiene	14.031	225	28711	5.64	ug/l	99
89) Naphthalene	14.098	128	68482	5.18	ug/l	99
90) 1,2,3-Trichlorobenzene	14.340	180	40931	5.55	ug/l	99

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

