

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101922\
 Data File : VU051456.D
 Acq On : 19 Oct 2022 14:19
 Operator : JC/MD
 Sample : N3980-09 0.25PPB
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-03-QT3-2022

Quant Time: Oct 20 07:41:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U101722DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Oct 20 07:37:57 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa
 Patel

10/20/2022
 Supervised By :Mahesh
 Dadoda

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

Internal Standards						
1) Fluorobenzene	6.112	96	44465	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.632	95	12187	0.781	ug/l	0.00
Spiked Amount 1.000			Recovery	=	78.000%	
68) 1,2-Dichlorobenzene-d4	12.195	152	14370	0.825	ug/l	0.00
Spiked Amount 1.000			Recovery	=	83.000%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.382	85	3485m	0.224	ug/l	
3) Chloromethane	1.533	50	6802	0.278	ug/l	97
4) Vinyl Chloride	1.600	62	4871	0.230	ug/l	94
5) Bromomethane	1.851	94	3680	0.312	ug/l	97
6) Chloroethane	1.932	64	2977	0.247	ug/l	94
7) Trichlorofluoromethane	2.137	101	5877	0.248	ug/l	95
8) 1,1,2-Trichloro-1,2,2-...	2.581	101	3191	0.244	ug/l	96
9) 1,1-Dichloroethene	2.578	96	3612	0.265	ug/l	94
10) Iodomethane	2.719	142	4460	0.252	ug/l	91
11) Allyl Chloride	2.919	41	5994	0.288	ug/l	91
12) Acrylonitrile	3.317	53	2073	0.516	ug/l	# 66
13) Acetone	2.623	43	5421	1.875	ug/l	99
14) Carbon Disulfide	2.790	76	12937	0.266	ug/l	# 87
15) Methylene Chloride	3.041	84	14705	0.736	ug/l	94
16) trans-1,2-Dichloroethene	3.350	96	4196	0.268	ug/l	94
17) 1,1-Dichloroethane	3.864	63	6707	0.238	ug/l	94
18) 2-Butanone	4.732	43	4326m	1.233	ug/l	
21) 2,2-Dichloropropane	4.661	77	6500	0.331	ug/l	# 88
22) cis-1,2-Dichloroethene	4.668	96	3583	0.242	ug/l	66
23) Diethyl Ether	2.375	59	3216	0.270	ug/l	96
24) tert-Butyl Alcohol	3.186	59	18115	14.497	ug/l	# 80
25) Methyl tert-Butyl Ether	3.369	73	9368	0.264	ug/l	96
26) Bromochloromethane	4.970	128	2087	0.289	ug/l	79
27) Chloroform	5.089	83	7617	0.267	ug/l	99
28) 1,1,1-Trichloroethane	5.314	97	5158	0.227	ug/l	91
29) 1,1-Dichloropropene	5.523	75	3652	0.210	ug/l	# 93
30) Carbon Tetrachloride	5.517	117	4671	0.243	ug/l	# 81
31) Isopropyl Ether	3.993	45	7982	0.240	ug/l	93
32) Ethyl-t-butyl ether	4.507	59	6351	0.209	ug/l	96
34) Propionitrile	4.803	54	998m	0.846	ug/l	
35) Benzene	5.774	78	12794	0.219	ug/l	100
36) 1,2-Dichloroethane	5.796	62	4620	0.256	ug/l	# 93
37) Trichloroethene	6.546	130	2933	0.214	ug/l	# 76
38) 1,2-Dichloropropane	6.787	63	3667	0.229	ug/l	93
39) Methacrylonitrile	4.980	41	876m	0.217	ug/l	
41) Tetrahydrofuran	5.070	42	1086	0.513	ug/l	# 65
42) 1-Chlorobutane	5.456	56	5006	0.211	ug/l	93
43) Dibromomethane	6.922	93	2041	0.245	ug/l	94
44) Bromodichloromethane	7.108	83	4893	0.243	ug/l	# 98
45) 4-Methyl-2-Pentanone	7.796	43	7517	0.949	ug/l	92
46) t-1,4-Dichloro-2-butene	10.822	75	2599m	0.588	ug/l	
47) Methyl methacrylate	6.967	69	2084	0.328	ug/l	89
51) cis-1,3-Dichloropropene	7.610	75	3917	0.205	ug/l	94

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52) 1,1,2-Trichloroethane	8.401	97	2707	0.228	ug/l	93	
54) 2-Hexanone	8.690	43	5060	0.929	ug/l	89	
55) Dibromochloromethane	8.806	129	3027	0.234	ug/l	97	
56) 1,2-Dibromoethane	8.925	107	2336	0.224	ug/l	94	
58) Tetrachloroethene	8.552	164	2802	0.234	ug/l	93	
60) 1,1,1,2-Tetrachloroethane	9.536	131	3433	0.255	ug/l	94	
61) Pentachloroethane	11.423	117	2965	0.247	ug/l	99	
62) Hexachloroethane	12.478	117	2377	0.208	ug/l	93	
64) m/p-Xylenes	9.693	106	6304	0.296	ug/l	94	
67) Bromoform	10.288	173	1854	0.256	ug/l #	93	
70) 1,1,2,2-Tetrachloroethane	10.780	83	3750	0.233	ug/l #	87	
71) 1,2,3-Trichloropropane	10.822	75	3167m	0.265	ug/l		
80) Nitrobenzene	13.227	77	761	0.956	ug/l #	75	
88) Hexachlorobutadiene	14.021	225	2478	0.237	ug/l	96	

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

