

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041923\
 Data File : VU053792.D
 Acq On : 19 Apr 2023 20:45
 Operator : JC/MD
 Sample : 02213-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2023

Quant Time: Apr 21 10:11:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U041923DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Apr 21 09:18:21 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 06/08/2023
 Supervised By :Mahesh Dadoda 06/08/2023

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

Internal Standards						
1) Fluorobenzene	6.108	96	27942	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.629	95	9873	0.901	ug/l	0.00
Spiked Amount 1.000			Recovery	=	90.000%	
68) 1,2-Dichlorobenzene-d4	12.192	152	11126	0.854	ug/l	0.00
Spiked Amount 1.000			Recovery	=	85.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.382	85	3065	0.362	ug/l	95
3) Chloromethane	1.523	50	3152	0.413	ug/l	91
4) Vinyl Chloride	1.604	62	3078	0.349	ug/l #	87
5) Bromomethane	1.845	94	2693	0.406	ug/l	93
6) Chloroethane	1.928	64	2023	0.358	ug/l	100
7) Trichlorofluoromethane	2.134	101	5535	0.374	ug/l	94
8) 1,1,2-Trichloro-1,2,2-...	2.575	101	3820	0.396	ug/l	95
9) 1,1-Dichloroethene	2.578	96	2842	0.360	ug/l	88
10) Iodomethane	2.719	142	3041	0.354	ug/l	91
11) Allyl Chloride	2.915	41	3374	0.360	ug/l	96
12) Acrylonitrile	3.311	53	1683	0.853	ug/l #	86
13) Acetone	2.623	43	3321	1.204	ug/l	99
14) Carbon Disulfide	2.787	76	4302	0.332	ug/l	97
15) Methylene Chloride	3.044	84	6508	0.563	ug/l #	76
16) trans-1,2-Dichloroethene	3.343	96	3184	0.373	ug/l	97
17) 1,1-Dichloroethane	3.861	63	6545	0.372	ug/l #	92
18) 2-Butanone	4.713	43	5306	1.484	ug/l	93
19) Cyclohexane	5.369	56	4816	0.395	ug/l	95
20) Methylcyclohexane	6.751	83	3422	0.313	ug/l	86
21) 2,2-Dichloropropane	4.658	77	5890	0.368	ug/l #	82
22) cis-1,2-Dichloroethene	4.661	96	4525	0.424	ug/l	86
23) Diethyl Ether	2.375	59	2149	0.369	ug/l #	82
24) tert-Butyl Alcohol	3.189	59	3773	4.761	ug/l #	1
25) Methyl tert-Butyl Ether	3.362	73	8917	0.405	ug/l #	86
26) Bromochloromethane	4.964	128	1705	0.361	ug/l	95
27) Chloroform	5.083	83	7253	0.381	ug/l	96
28) 1,1,1-Trichloroethane	5.304	97	5794	0.368	ug/l	96
29) 1,1-Dichloropropene	5.513	75	3461	0.345	ug/l	96
30) Carbon Tetrachloride	5.513	117	3896	0.345	ug/l	90
31) Isopropyl Ether	3.996	45	10545	0.414	ug/l	99
32) Ethyl-t-butyl ether	4.507	59	10099	0.392	ug/l	99
33) Tert-Amyl methyl ether	5.951	73	7083	0.376	ug/l #	93
34) Propionitrile	4.780	54	1714	2.144	ug/l #	6
35) Benzene	5.767	78	11490	0.372	ug/l	99
36) 1,2-Dichloroethane	5.790	62	4038	0.416	ug/l #	92
37) Trichloroethene	6.539	130	3175	0.362	ug/l	94
38) 1,2-Dichloropropane	6.790	63	3401	0.387	ug/l	96
39) Methacrylonitrile	4.980	41	439	0.138	ug/l #	24
40) Methyl acrylate	4.848	55	2322	0.441	ug/l #	92
41) Tetrahydrofuran	5.060	42	1394	0.882	ug/l	93
42) 1-Chlorobutane	5.446	56	5401	0.394	ug/l	96
43) Dibromomethane	6.912	93	1621	0.363	ug/l	95
44) Bromodichloromethane	7.102	83	4156	0.370	ug/l #	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041923\
 Data File : VU053792.D
 Acq On : 19 Apr 2023 20:45
 Operator : JC/MD
 Sample : 02213-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2023

Quant Time: Apr 21 10:11:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U041923DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Apr 21 09:18:21 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 06/08/2023
 Supervised By :Mahesh Dadoda 06/08/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
45) 4-Methyl-2-Pentanone	7.796	43	8081	1.781	ug/l	#	95
46) t-1,4-Dichloro-2-butene	10.832	75	1284m	0.682	ug/l		
47) Methyl methacrylate	6.973	69	2811	0.718	ug/l	#	90
48) Ethyl methacrylate	8.336	69	2499	0.325	ug/l		91
49) Toluene	7.970	92	6556	0.337	ug/l		97
50) t-1,3-Dichloropropene	8.208	75	3321	0.329	ug/l		98
51) cis-1,3-Dichloropropene	7.607	75	3855	0.320	ug/l		92
52) 1,1,2-Trichloroethane	8.401	97	2472	0.349	ug/l	#	84
53) 1,3-Dichloropropane	8.571	76	4106	0.371	ug/l		95
54) 2-Hexanone	8.690	43	5755	1.353	ug/l		95
55) Dibromochloromethane	8.809	129	2899	0.390	ug/l	#	75
56) 1,2-Dibromoethane	8.922	107	2480	0.406	ug/l		89
58) Tetrachloroethene	8.545	164	3106	0.366	ug/l		93
59) Chlorobenzene	9.446	112	8603	0.355	ug/l		99
60) 1,1,1,2-Tetrachloroethane	9.529	131	2965	0.339	ug/l		97
61) Pentachloroethane	11.423	117	2215	0.329	ug/l		87
62) Hexachloroethane	12.475	117	1868	0.284	ug/l		98
63) Ethyl Benzene	9.568	91	11688	0.306	ug/l		95
64) m/p-Xylenes	9.690	106	8841	0.587	ug/l		100
65) o-Xylene	10.095	106	4745	0.312	ug/l		96
66) Styrene	10.115	104	6973	0.289	ug/l		97
67) Bromoform	10.288	173	1200	0.310	ug/l	#	95
69) Isopropylbenzene	10.481	105	11506	0.290	ug/l		92
70) 1,1,2,2-Tetrachloroethane	10.780	83	3544	0.389	ug/l	#	97
71) 1,2,3-Trichloropropane	10.822	75	2068m	0.314	ug/l		
72) Bromobenzene	10.780	156	3172	0.311	ug/l		97
73) n-propylbenzene	10.902	120	3490	0.317	ug/l		94
74) 2-Chlorotoluene	10.979	126	2875	0.276	ug/l		98
75) 1,3,5-Trimethylbenzene	11.086	105	9704	0.280	ug/l		97
76) 4-Chlorotoluene	11.095	126	2947	0.278	ug/l		90
77) tert-Butylbenzene	11.417	119	9736	0.279	ug/l		93
78) 1,2,4-Trimethylbenzene	11.465	105	8975	0.254	ug/l		93
79) sec-Butylbenzene	11.642	105	11872	0.253	ug/l		95
80) Nitrobenzene	13.208	77	169	0.585	ug/l	#	42
81) p-Isopropyltoluene	11.790	119	9373	0.244	ug/l		99
82) 1,3-Dichlorobenzene	11.741	146	6537	0.300	ug/l		98
83) 1,4-Dichlorobenzene	11.835	146	6225	0.287	ug/l		96
84) n-Butylbenzene	12.204	91	8478	0.473	ug/l		97
85) 1,2-Dichlorobenzene	12.208	146	7307	0.343	ug/l		87
86) 1,2-Dibromo-3-Chloropr...	12.999	75	356	0.277	ug/l	#	76
87) 1,2,4-Trichlorobenzene	13.841	180	4003	0.284	ug/l		98
88) Hexachlorobutadiene	14.018	225	2021	0.269	ug/l		92
89) Naphthalene	14.089	128	7312	0.296	ug/l		97
90) 1,2,3-Trichlorobenzene	14.323	180	3614	0.270	ug/l		95

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

