

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU022723\
 Data File : VU053161.D
 Acq On : 27 Feb 2023 19:55
 Operator : JC/MD
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 02/28/2023
 Supervised By :Mahesh Dadoda 02/28/2023

Quant Time: Feb 28 04:22:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U022723DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Feb 28 03:35:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.109	96	24658	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.630	95	10641	1.023	ug/l	0.00
Spiked Amount 1.000			Recovery	=	102.000%	
68) 1,2-Dichlorobenzene-d4	12.189	152	8989	1.090	ug/l	0.00
Spiked Amount 1.000			Recovery	=	109.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.386	85	66023	10.549	ug/l	99
3) Chloromethane	1.521	50	65265	10.120	ug/l	100
4) Vinyl Chloride	1.605	62	73561	10.713	ug/l	97
5) Bromomethane	1.859	94	43361	11.093	ug/l	97
6) Chloroethane	1.936	64	45322	10.865	ug/l	98
7) Trichlorofluoromethane	2.142	101	98767	9.992	ug/l	99
8) 1,1,2-Trichloro-1,2,2-...	2.582	101	61791	9.999	ug/l	99
9) 1,1-Dichloroethene	2.582	96	56746	10.571	ug/l	98
10) Iodomethane	2.724	142	62842	11.381	ug/l	100
11) Allyl Chloride	2.923	41	77866	9.292	ug/l	98
12) Acrylonitrile	3.315	53	30924	22.500	ug/l	98
13) Acetone	2.637	43	52037	26.486	ug/l	91
14) Carbon Disulfide	2.794	76	126602	10.280	ug/l	99
15) Methylene Chloride	3.045	84	74566	9.719	ug/l	96
16) trans-1,2-Dichloroethene	3.351	96	59913	10.154	ug/l	99
17) 1,1-Dichloroethane	3.868	63	134854	10.446	ug/l	99
18) 2-Butanone	4.714	43	91024	38.588	ug/l	96
19) Cyclohexane	5.383	56	96737m	9.383	ug/l	
20) Methylcyclohexane	6.759	83	100635	10.170	ug/l	99
21) 2,2-Dichloropropane	4.662	77	111909	9.894	ug/l	99
22) cis-1,2-Dichloroethene	4.662	96	76064	10.446	ug/l	97
23) Diethyl Ether	2.376	59	47387	10.789	ug/l	97
24) tert-Butyl Alcohol	3.225	59	60974	118.183	ug/l	99
25) Methyl tert-Butyl Ether	3.363	73	171930	11.017	ug/l	98
26) Bromochloromethane	4.971	128	29918	10.625	ug/l	91
27) Chloroform	5.087	83	136781	10.284	ug/l	99
28) 1,1,1-Trichloroethane	5.312	97	111395	9.970	ug/l	99
29) 1,1-Dichloropropene	5.521	75	84135	10.047	ug/l	99
30) Carbon Tetrachloride	5.521	117	78830	10.247	ug/l	98
31) Isopropyl Ether	3.994	45	211579	10.274	ug/l	100
32) Ethyl-t-butyl ether	4.505	59	207676	10.640	ug/l	98
33) Tert-Amyl methyl ether	5.942	73	168850	10.901	ug/l	100
34) Propionitrile	4.785	54	30869	56.256	ug/l	96
35) Benzene	5.772	78	261517	10.584	ug/l	100
36) 1,2-Dichloroethane	5.791	62	78376	10.612	ug/l	99
37) Trichloroethene	6.540	130	61014	10.762	ug/l	100
38) 1,2-Dichloropropane	6.788	63	78386	10.970	ug/l	96
39) Methacrylonitrile	4.977	41	23032	9.840	ug/l	96
40) Methyl acrylate	4.846	55	41314	11.419	ug/l	99
41) Tetrahydrofuran	5.064	42	23369	20.362	ug/l	95
42) 1-Chlorobutane	5.453	56	117410	10.073	ug/l	99
43) Dibromomethane	6.916	93	34393	10.860	ug/l	98
44) Bromodichloromethane	7.103	83	95219	10.991	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU022723\
 Data File : VU053161.D
 Acq On : 27 Feb 2023 19:55
 Operator : JC/MD
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 02/28/2023
 Supervised By :Mahesh Dadoda 02/28/2023

Quant Time: Feb 28 04:22:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U022723DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Feb 28 03:35:42 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.794	43	217002	56.119	ug/l	98
46) t-1,4-Dichloro-2-butene	10.829	75	41884m	21.495	ug/l	
47) Methyl methacrylate	6.961	69	74657	22.902	ug/l	99
48) Ethyl methacrylate	8.334	69	75408	11.273	ug/l	97
49) Toluene	7.965	92	163417	10.740	ug/l	97
50) t-1,3-Dichloropropene	8.209	75	93972	11.165	ug/l	97
51) cis-1,3-Dichloropropene	7.604	75	111930	10.974	ug/l	98
52) 1,1,2-Trichloroethane	8.399	97	53032	11.400	ug/l	98
53) 1,3-Dichloropropane	8.572	76	92695	11.114	ug/l	100
54) 2-Hexanone	8.685	43	152344	46.240	ug/l	99
55) Dibromochloromethane	8.807	129	59608	11.231	ug/l	97
56) 1,2-Dibromoethane	8.919	107	47774	11.560	ug/l	99
58) Tetrachloroethene	8.550	164	47703	10.552	ug/l	98
59) Chlorobenzene	9.444	112	188601	11.084	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.530	131	63643	11.323	ug/l	99
61) Pentachloroethane	11.424	117	54454	11.150	ug/l	100
62) Hexachloroethane	12.472	117	57056	10.597	ug/l	100
63) Ethyl Benzene	9.566	91	336928	10.729	ug/l	100
64) m/p-Xylenes	9.691	106	250851	22.024	ug/l	98
65) o-Xylene	10.096	106	127704	10.979	ug/l	99
66) Styrene	10.112	104	211103	11.449	ug/l	98
67) Bromoform	10.286	173	30373	11.767	ug/l	99
69) Isopropylbenzene	10.482	105	336560	10.804	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.778	83	71514	11.407	ug/l	99
71) 1,2,3-Trichloropropane	10.823	75	57323m	10.624	ug/l	
72) Bromobenzene	10.778	156	68372	11.311	ug/l	98
73) n-propylbenzene	10.903	120	88828	10.747	ug/l	99
74) 2-Chlorotoluene	10.984	126	75560	11.041	ug/l	99
75) 1,3,5-Trimethylbenzene	11.083	105	281132	10.845	ug/l	99
76) 4-Chlorotoluene	11.093	126	77889	10.827	ug/l	92
77) tert-Butylbenzene	11.415	119	272672	10.734	ug/l	100
78) 1,2,4-Trimethylbenzene	11.463	105	288588	10.923	ug/l	99
79) sec-Butylbenzene	11.640	105	378396	10.735	ug/l	100
80) Nitrobenzene	13.202	77	15930	48.616	ug/l	97
81) p-Isopropyltoluene	11.788	119	295967	10.599	ug/l	100
82) 1,3-Dichlorobenzene	11.742	146	148687	11.203	ug/l	99
83) 1,4-Dichlorobenzene	11.833	146	147650	10.897	ug/l	98
84) n-Butylbenzene	12.205	91	312944	10.817	ug/l	100
85) 1,2-Dichlorobenzene	12.209	146	141976	11.220	ug/l	100
86) 1,2-Dibromo-3-Chloropr...	12.993	75	12547	10.506	ug/l	94
87) 1,2,4-Trichlorobenzene	13.836	180	89328	11.503	ug/l	98
88) Hexachlorobutadiene	14.019	225	40446	10.663	ug/l	97
89) Naphthalene	14.083	128	192317	11.640	ug/l	99
90) 1,2,3-Trichlorobenzene	14.328	180	77738	11.376	ug/l	99

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

