

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080724\
 Data File : VU060347.D
 Acq On : 07 Aug 2024 19:58
 Operator : MD/SY
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 08/12/2024
 Supervised By :Semsettin Yesilyurt 08/12/2024

Quant Time: Aug 08 06:04:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U080524DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Aug 06 11:07:28 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.110	96	34644	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.627	95	13025	1.103	ug/l	0.00
Spiked Amount 1.000			Recovery	=	110.000%	
68) 1,2-Dichlorobenzene-d4	12.187	152	13708	1.069	ug/l	0.00
Spiked Amount 1.000			Recovery	=	107.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	118995	8.930	ug/l	99
3) Chloromethane	1.515	50	127671	8.380	ug/l	99
4) Vinyl Chloride	1.599	62	138377	9.085	ug/l	100
5) Bromomethane	1.853	94	99268	10.607	ug/l	97
6) Chloroethane	1.930	64	85198	9.242	ug/l	100
7) Trichlorofluoromethane	2.132	101	176250	9.592	ug/l	99
8) 1,1,2-Trichloro-1,2,2-...	2.573	101	97166	9.718	ug/l	97
9) 1,1-Dichloroethene	2.573	96	102269	9.874	ug/l	92
10) Iodomethane	2.714	142	151379	9.859	ug/l	96
11) Allyl Chloride	2.917	41	118741	8.362	ug/l	99
12) Acrylonitrile	3.328	53	47579m	17.582	ug/l	
13) Acetone	2.656	43	77515m	23.583	ug/l	
14) Carbon Disulfide	2.785	76	314320	8.950	ug/l	100
15) Methylene Chloride	3.039	84	116574	8.991	ug/l	96
16) trans-1,2-Dichloroethene	3.345	96	111436	10.041	ug/l	93
17) 1,1-Dichloroethane	3.859	63	195842	9.179	ug/l	98
18) 2-Butanone	4.717	43	122553	32.275	ug/l	98
19) Cyclohexane	5.380	56	161757m	8.795	ug/l	
20) Methylcyclohexane	6.756	83	169425	11.607	ug/l	97
21) 2,2-Dichloropropane	4.656	77	141076	8.490	ug/l	96
22) cis-1,2-Dichloroethene	4.656	96	117559	9.888	ug/l	93
23) Diethyl Ether	2.373	59	78850	9.368	ug/l	97
24) tert-Butyl Alcohol	3.348	59	69100m	65.722	ug/l	
25) Methyl tert-Butyl Ether	3.361	73	223549	8.792	ug/l	95
26) Bromochloromethane	4.965	128	53868	10.701	ug/l	88
27) Chloroform	5.078	83	203274	9.736	ug/l	100
28) 1,1,1-Trichloroethane	5.306	97	171125	9.867	ug/l	96
29) 1,1-Dichloropropene	5.518	75	145480	10.469	ug/l	99
30) Carbon Tetrachloride	5.515	117	147847	10.461	ug/l	99
31) Isopropyl Ether	3.984	45	256652	8.228	ug/l	99
32) Ethyl-t-butyl ether	4.492	59	257930	8.556	ug/l	97
33) Tert-Amyl methyl ether	5.933	73	240371	11.233	ug/l	98
34) Propionitrile	4.814	54	43167	39.775	ug/l	# 6
35) Benzene	5.766	78	460372	10.751	ug/l	97
36) 1,2-Dichloroethane	5.785	62	116545	9.794	ug/l	99
37) Trichloroethene	6.534	130	119018	11.228	ug/l	97
38) 1,2-Dichloropropane	6.782	63	119257	10.295	ug/l	98
39) Methacrylonitrile	4.971	41	27828	7.085	ug/l	92
40) Methyl acrylate	4.846	55	55977	8.139	ug/l	# 93
41) Tetrahydrofuran	5.065	42	29738	13.904	ug/l	95
42) 1-Chlorobutane	5.451	56	195957	10.227	ug/l	98
43) Dibromomethane	6.914	93	58127	9.919	ug/l	95
44) Bromodichloromethane	7.097	83	145999	10.377	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080724\
 Data File : VU060347.D
 Acq On : 07 Aug 2024 19:58
 Operator : MD/SY
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 08/12/2024
 Supervised By :Semsettin Yesilyurt 08/12/2024

Quant Time: Aug 08 06:04:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U080524DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Aug 06 11:07:28 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.785	43	288451	52.424	ug/l	97
46) t-1,4-Dichloro-2-butene	10.827	75	58106m	18.846	ug/l	
47) Methyl methacrylate	6.955	69	108169	22.749	ug/l	94
48) Ethyl methacrylate	8.328	69	96911	12.004	ug/l	96
49) Toluene	7.962	92	280017	11.793	ug/l	100
50) t-1,3-Dichloropropene	8.203	75	129964	11.189	ug/l	98
51) cis-1,3-Dichloropropene	7.598	75	154349	11.046	ug/l	99
52) 1,1,2-Trichloroethane	8.393	97	86311	10.034	ug/l	98
53) 1,3-Dichloropropane	8.566	76	144786	10.549	ug/l	98
54) 2-Hexanone	8.679	43	200742	47.073	ug/l	96
55) Dibromochloromethane	8.801	129	101552	10.763	ug/l	100
56) 1,2-Dibromoethane	8.917	107	78401	10.164	ug/l	96
58) Tetrachloroethene	8.547	164	107597	11.357	ug/l	97
59) Chlorobenzene	9.441	112	305546	11.885	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.524	131	108880	10.750	ug/l	98
61) Pentachloroethane	11.418	117	90597	10.473	ug/l	96
62) Hexachloroethane	12.466	117	88667	10.604	ug/l	96
63) Ethyl Benzene	9.563	91	522323	10.510	ug/l	100
64) m/p-Xylenes	9.685	106	418263	20.985	ug/l	99
65) o-Xylene	10.093	106	198437	10.546	ug/l	98
66) Styrene	10.106	104	337672	10.453	ug/l	100
67) Bromoform	10.283	173	59271	10.726	ug/l	97
69) Isopropylbenzene	10.476	105	516485	10.626	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.772	83	111517	9.743	ug/l	97
71) 1,2,3-Trichloropropane	10.820	75	88510m	10.440	ug/l	
72) Bromobenzene	10.775	156	128168	12.141	ug/l	97
73) n-propylbenzene	10.897	120	150132	10.751	ug/l	95
74) 2-Chlorotoluene	10.978	126	134249	10.896	ug/l	99
75) 1,3,5-Trimethylbenzene	11.081	105	457296	10.548	ug/l	99
76) 4-Chlorotoluene	11.090	126	140739	10.879	ug/l	95
77) tert-Butylbenzene	11.412	119	431623	10.542	ug/l	100
78) 1,2,4-Trimethylbenzene	11.460	105	480571	10.627	ug/l	99
79) sec-Butylbenzene	11.637	105	590371	10.518	ug/l	99
80) Nitrobenzene	13.206	77	17045	33.910	ug/l #	98
81) p-Isopropyltoluene	11.785	119	495659	10.612	ug/l	99
82) 1,3-Dichlorobenzene	11.740	146	268455	12.189	ug/l	100
83) 1,4-Dichlorobenzene	11.830	146	265614	12.149	ug/l	98
84) n-Butylbenzene	12.203	91	473704	10.512	ug/l	99
85) 1,2-Dichlorobenzene	12.206	146	250025	11.737	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	12.987	75	15594	9.396	ug/l	95
87) 1,2,4-Trichlorobenzene	13.833	180	146653	12.037	ug/l	99
88) Hexachlorobutadiene	14.013	225	92568	11.750	ug/l	100
89) Naphthalene	14.080	128	288477	13.383	ug/l	99
90) 1,2,3-Trichlorobenzene	14.322	180	177347	14.910	ug/l	100

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

