

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012323\
 Data File : VU052775.D
 Acq On : 23 Jan 2023 13:29
 Operator : JC/MD
 Sample : VSTDICCC010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 01/24/2023
 Supervised By :Mahesh Dadoda 01/24/2023

Quant Time: Jan 24 04:35:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U012323DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Jan 24 04:32:09 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.112	96	42269	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.629	95	14928	0.988	ug/l	0.00
Spiked Amount 1.000			Recovery	=	99.000%	
68) 1,2-Dichlorobenzene-d4	12.189	152	15635	0.872	ug/l	0.00
Spiked Amount 1.000			Recovery	=	87.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	147047	9.802	ug/l	100
3) Chloromethane	1.520	50	130499	7.993	ug/l	100
4) Vinyl Chloride	1.604	62	133275	9.079	ug/l	100
5) Bromomethane	1.858	94	71324	7.908	ug/l	100
6) Chloroethane	1.935	64	79208	8.771	ug/l	100
7) Trichlorofluoromethane	2.141	101	193188	9.739	ug/l	100
8) 1,1,2-Trichloro-1,2,2-...	2.581	101	105120	9.273	ug/l	100
9) 1,1-Dichloroethene	2.581	96	100356	8.942	ug/l	100
10) Iodomethane	2.723	142	123807	14.548	ug/l	100
11) Allyl Chloride	2.922	41	121063	7.989	ug/l	100
12) Acrylonitrile	3.321	53	44616	16.030	ug/l	100
13) Acetone	2.652	43	140247	58.480	ug/l	100
14) Carbon Disulfide	2.793	76	331868	9.260	ug/l	100
15) Methylene Chloride	3.044	84	108491	6.095	ug/l	100
16) trans-1,2-Dichloroethene	3.350	96	110497	8.956	ug/l	100
17) 1,1-Dichloroethane	3.867	63	186164	9.177	ug/l	100
18) 2-Butanone	4.726	43	169297	54.760	ug/l	100
19) Cyclohexane	5.382	56	161699m	10.421	ug/l	
20) Methylcyclohexane	6.758	83	200472	11.435	ug/l	100
21) 2,2-Dichloropropane	4.662	77	170250	10.104	ug/l	100
22) cis-1,2-Dichloroethene	4.662	96	114684	9.090	ug/l	100
23) Diethyl Ether	2.376	59	72844	8.740	ug/l	100
24) tert-Butyl Alcohol	3.289	59	85407m	94.280	ug/l	
25) Methyl tert-Butyl Ether	3.366	73	232205	8.409	ug/l	100
26) Bromochloromethane	4.970	128	52276	8.390	ug/l	100
27) Chloroform	5.086	83	199087	9.241	ug/l	100
28) 1,1,1-Trichloroethane	5.311	97	185553	10.041	ug/l	100
29) 1,1-Dichloropropene	5.520	75	158255	10.181	ug/l	100
30) Carbon Tetrachloride	5.517	117	172165	10.600	ug/l	100
31) Isopropyl Ether	3.996	45	267501	9.539	ug/l	100
32) Ethyl-t-butyl ether	4.504	59	256370	9.459	ug/l	100
33) Tert-Amyl methyl ether	5.944	73	234225	9.597	ug/l	100
34) Propionitrile	4.806	54	40850	42.919	ug/l	100
35) Benzene	5.771	78	460993	9.918	ug/l	100
36) 1,2-Dichloroethane	5.793	62	136301	9.938	ug/l	100
37) Trichloroethene	6.539	130	126208	9.427	ug/l	100
38) 1,2-Dichloropropane	6.790	63	118379	10.017	ug/l	100
39) Methacrylonitrile	4.977	41	32678	9.572	ug/l	100
40) Methyl acrylate	4.851	55	60575	10.684	ug/l	100
41) Tetrahydrofuran	5.073	42	30439	15.998	ug/l	100
42) 1-Chlorobutane	5.456	56	199078	9.983	ug/l	100
43) Dibromomethane	6.916	93	58088	8.731	ug/l	100
44) Bromodichloromethane	7.105	83	157969	10.042	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012323\
 Data File : VU052775.D
 Acq On : 23 Jan 2023 13:29
 Operator : JC/MD
 Sample : VSTDICCC010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 01/24/2023
 Supervised By :Mahesh Dadoda 01/24/2023

Quant Time: Jan 24 04:35:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U012323DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Jan 24 04:32:09 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.797	43	337637	49.129	ug/l	100
46) t-1,4-Dichloro-2-butene	10.829	75	64520m	19.722	ug/l	
47) Methyl methacrylate	6.964	69	116388	21.386	ug/l	100
48) Ethyl methacrylate	8.333	69	108163	10.813	ug/l	100
49) Toluene	7.967	92	292482	10.381	ug/l	100
50) t-1,3-Dichloropropene	8.208	75	148029	10.631	ug/l	100
51) cis-1,3-Dichloropropene	7.607	75	169670	10.581	ug/l	100
52) 1,1,2-Trichloroethane	8.398	97	85428	9.050	ug/l	100
53) 1,3-Dichloropropane	8.575	76	148695	9.512	ug/l	100
54) 2-Hexanone	8.687	43	291004	57.085	ug/l	100
55) Dibromochloromethane	8.806	129	110218	9.693	ug/l	100
56) 1,2-Dibromoethane	8.922	107	80951	9.015	ug/l	100
58) Tetrachloroethene	8.549	164	113784	9.495	ug/l	100
59) Chlorobenzene	9.443	112	314061	9.539	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.530	131	117862	10.011	ug/l	100
61) Pentachloroethane	11.423	117	97209	9.890	ug/l	100
62) Hexachloroethane	12.472	117	101298	11.105	ug/l	100
63) Ethyl Benzene	9.568	91	545999	10.681	ug/l	100
64) m/p-Xylenes	9.690	106	444620	21.805	ug/l	100
65) o-Xylene	10.099	106	210163	10.774	ug/l	100
66) Styrene	10.112	104	347775	10.659	ug/l	100
67) Bromoform	10.288	173	63717	8.970	ug/l	100
69) Isopropylbenzene	10.481	105	545217	10.743	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.780	83	107200	8.836	ug/l	100
71) 1,2,3-Trichloropropane	10.822	75	93615m	9.810	ug/l	
72) Bromobenzene	10.777	156	127382	8.567	ug/l	100
73) n-propylbenzene	10.903	120	153955	10.679	ug/l	100
74) 2-Chlorotoluene	10.983	126	132956	9.793	ug/l	100
75) 1,3,5-Trimethylbenzene	11.086	105	474306	10.986	ug/l	100
76) 4-Chlorotoluene	11.092	126	139042	9.732	ug/l	100
77) tert-Butylbenzene	11.417	119	469082	10.713	ug/l	100
78) 1,2,4-Trimethylbenzene	11.465	105	479730	10.863	ug/l	100
79) sec-Butylbenzene	11.639	105	616741	10.780	ug/l	100
80) Nitrobenzene	13.201	77	32545	65.325	ug/l	100
81) p-Isopropyltoluene	11.790	119	533255	11.133	ug/l	100
82) 1,3-Dichlorobenzene	11.742	146	264232	8.799	ug/l	100
83) 1,4-Dichlorobenzene	11.832	146	270149	8.968	ug/l	100
84) n-Butylbenzene	12.205	91	461352	10.225	ug/l	100
85) 1,2-Dichlorobenzene	12.208	146	251699	8.833	ug/l	100
86) 1,2-Dibromo-3-Chloropr...	12.992	75	19514	9.931	ug/l	100
87) 1,2,4-Trichlorobenzene	13.835	180	159189	7.893	ug/l	100
88) Hexachlorobutadiene	14.018	225	103135	8.488	ug/l	100
89) Naphthalene	14.082	128	288146	9.092	ug/l	100
90) 1,2,3-Trichlorobenzene	14.327	180	150488	8.019	ug/l	100

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012323\
 Data File : VU052775.D
 Acq On : 23 Jan 2023 13:29
 Operator : JC/MD
 Sample : VSTDICCC010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

Manual Integrations APPROVED

Reviewed By :Krupa Patel 01/24/2023
 Supervised By :Mahesh Dadoda 01/24/2023

Quant Time: Jan 24 04:35:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U012323DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Jan 24 04:32:09 2023
 Response via : Initial Calibration

