

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080524\
 Data File : VU060309.D
 Acq On : 05 Aug 2024 12:54
 Operator : MD/SY
 Sample : VSTDICCC010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 08/09/2024
 Supervised By :Semsettin Yesilyurt 08/09/2024

Quant Time: Aug 06 05:34:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U080524DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Aug 06 05:30:37 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.107	96	34771	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.627	95	13258	1.119	ug/l	0.00
Spiked Amount 1.000			Recovery	=	112.000%	
68) 1,2-Dichlorobenzene-d4	12.187	152	13681	1.063	ug/l	0.00
Spiked Amount 1.000			Recovery	=	106.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	138460	10.353	ug/l	100
3) Chloromethane	1.522	50	150126	9.818	ug/l	100
4) Vinyl Chloride	1.602	62	156672	10.249	ug/l	100
5) Bromomethane	1.856	94	95427	10.159	ug/l	100
6) Chloroethane	1.930	64	94628	10.228	ug/l	100
7) Trichlorofluoromethane	2.136	101	190598	10.335	ug/l	100
8) 1,1,2-Trichloro-1,2,2-...	2.576	101	103111	10.275	ug/l	100
9) 1,1-Dichloroethene	2.573	96	104350	10.038	ug/l	100
10) Iodomethane	2.715	142	158361	10.407	ug/l	100
11) Allyl Chloride	2.917	41	145966	10.242	ug/l	100
12) Acrylonitrile	3.319	53	51577	18.990	ug/l	100
13) Acetone	2.641	43	125080	47.468	ug/l	100
14) Carbon Disulfide	2.785	76	358157	10.161	ug/l	100
15) Methylene Chloride	3.036	84	126928	9.754	ug/l	100
16) trans-1,2-Dichloroethene	3.341	96	114601	10.289	ug/l	100
17) 1,1-Dichloroethane	3.859	63	215960	10.085	ug/l	100
18) 2-Butanone	4.724	43	165611	43.455	ug/l	100
19) Cyclohexane	5.370	56	192182m	10.411	ug/l	
20) Methylcyclohexane	6.753	83	172365	11.766	ug/l	100
21) 2,2-Dichloropropane	4.653	77	165768	9.940	ug/l	100
22) cis-1,2-Dichloroethene	4.657	96	122609	10.275	ug/l	100
23) Diethyl Ether	2.374	59	83678	9.905	ug/l	100
24) tert-Butyl Alcohol	3.232	59	94334m	85.231	ug/l	
25) Methyl tert-Butyl Ether	3.361	73	253755	9.944	ug/l	100
26) Bromochloromethane	4.965	128	51075	10.109	ug/l	100
27) Chloroform	5.078	83	209111	9.979	ug/l	100
28) 1,1,1-Trichloroethane	5.303	97	175090	10.059	ug/l	100
29) 1,1-Dichloropropene	5.512	75	142831	10.241	ug/l	100
30) Carbon Tetrachloride	5.509	117	145807	10.279	ug/l	100
31) Isopropyl Ether	3.994	45	318032	10.159	ug/l	100
32) Ethyl-t-butyl ether	4.505	59	305924	10.111	ug/l	100
33) Tert-Amyl methyl ether	5.946	73	229452	10.683	ug/l	100
34) Propionitrile	4.798	54	49097	45.778	ug/l	100
35) Benzene	5.763	78	453786	10.559	ug/l	100
36) 1,2-Dichloroethane	5.788	62	119822	10.033	ug/l	100
37) Trichloroethene	6.534	130	111376	10.468	ug/l	100
38) 1,2-Dichloropropane	6.785	63	122578	10.544	ug/l	100
39) Methacrylonitrile	4.978	41	36143	9.168	ug/l	100
40) Methyl acrylate	4.849	55	63175	9.152	ug/l	100
41) Tetrahydrofuran	5.068	42	36743	17.117	ug/l	100
42) 1-Chlorobutane	5.444	56	198325	10.313	ug/l	100
43) Dibromomethane	6.914	93	59511	10.119	ug/l	100
44) Bromodichloromethane	7.100	83	144978	10.267	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080524\
 Data File : VU060309.D
 Acq On : 05 Aug 2024 12:54
 Operator : MD/SY
 Sample : VSTDICCC010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 08/09/2024
 Supervised By :Semsettin Yesilyurt 08/09/2024

Quant Time: Aug 06 05:34:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U080524DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Aug 06 05:30:37 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.795	43	291501	52.785	ug/l	100
46) t-1,4-Dichloro-2-butene	10.827	75	65509m	21.671	ug/l	
47) Methyl methacrylate	6.965	69	106847	22.389	ug/l	100
48) Ethyl methacrylate	8.335	69	93056	11.484	ug/l	100
49) Toluene	7.962	92	277193	11.632	ug/l	100
50) t-1,3-Dichloropropene	8.206	75	128358	11.010	ug/l	100
51) cis-1,3-Dichloropropene	7.602	75	152010	10.839	ug/l	100
52) 1,1,2-Trichloroethane	8.396	97	86742	10.047	ug/l	100
53) 1,3-Dichloropropane	8.570	76	143841	10.442	ug/l	100
54) 2-Hexanone	8.689	43	223200	52.148	ug/l	100
55) Dibromochloromethane	8.804	129	98473	10.399	ug/l	100
56) 1,2-Dibromoethane	8.920	107	80029	10.337	ug/l	100
58) Tetrachloroethene	8.547	164	100867	10.608	ug/l	100
59) Chlorobenzene	9.441	112	286483	11.103	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.528	131	105456	10.374	ug/l	100
61) Pentachloroethane	11.422	117	92113	10.609	ug/l	100
62) Hexachloroethane	12.470	117	90408	10.772	ug/l	100
63) Ethyl Benzene	9.566	91	498635	10.225	ug/l	100
64) m/p-Xylenes	9.688	106	408989	20.468	ug/l	100
65) o-Xylene	10.094	106	190076	10.085	ug/l	100
66) Styrene	10.110	104	330668	10.210	ug/l	100
67) Bromoform	10.283	173	55945	10.087	ug/l	100
69) Isopropylbenzene	10.479	105	491347	10.097	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.775	83	115667	10.068	ug/l	100
71) 1,2,3-Trichloropropane	10.823	75	93703m	11.421	ug/l	
72) Bromobenzene	10.775	156	120085	11.334	ug/l	100
73) n-propylbenzene	10.901	120	143582	10.267	ug/l	100
74) 2-Chlorotoluene	10.981	126	128017	10.368	ug/l	100
75) 1,3,5-Trimethylbenzene	11.084	105	445465	10.251	ug/l	100
76) 4-Chlorotoluene	11.090	126	134652	10.387	ug/l	100
77) tert-Butylbenzene	11.415	119	412838	10.067	ug/l	100
78) 1,2,4-Trimethylbenzene	11.460	105	461401	10.188	ug/l	100
79) sec-Butylbenzene	11.637	105	574882	10.218	ug/l	100
80) Nitrobenzene	13.203	77	25345	49.226	ug/l	97
81) p-Isopropyltoluene	11.788	119	478836	10.234	ug/l	100
82) 1,3-Dichlorobenzene	11.740	146	253098	11.450	ug/l	100
83) 1,4-Dichlorobenzene	11.830	146	256300	11.680	ug/l	100
84) n-Butylbenzene	12.203	91	464008	10.338	ug/l	100
85) 1,2-Dichlorobenzene	12.206	146	240867	11.266	ug/l	100
86) 1,2-Dibromo-3-Chloropr...	12.991	75	16908	10.151	ug/l	100
87) 1,2,4-Trichlorobenzene	13.836	180	142384	11.644	ug/l	100
88) Hexachlorobutadiene	14.016	225	89309	11.295	ug/l	100
89) Naphthalene	14.081	128	243413	9.997	ug/l	100
90) 1,2,3-Trichlorobenzene	14.325	180	140179	11.742	ug/l	100

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

