

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070622\
 Data File : VU049634.D
 Acq On : 06 Jul 2022 11:50
 Operator : SY/MD
 Sample : VSTDICCC010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 07/07/2022
 Supervised By :Mahesh Dadoda 07/07/2022

Quant Time: Jul 07 06:19:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U070622DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Jul 07 06:16:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.115	96	57793	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.632	95	20933	1.009	ug/l	0.00
Spiked Amount 1.000			Recovery	=	101.000%	
68) 1,2-Dichlorobenzene-d4	12.192	152	19629	0.810	ug/l	0.00
Spiked Amount 1.000			Recovery	=	81.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	227952	10.876	ug/l	100
3) Chloromethane	1.526	50	216422	9.428	ug/l	100
4) Vinyl Chloride	1.604	62	209501	10.207	ug/l	100
5) Bromomethane	1.854	94	102517	8.257	ug/l	100
6) Chloroethane	1.932	64	115691	9.277	ug/l	100
7) Trichlorofluoromethane	2.137	101	254893	9.452	ug/l	100
8) 1,1,2-Trichloro-1,2,2-...	2.581	101	135792	8.837	ug/l	100
9) 1,1-Dichloroethene	2.581	96	135696	8.857	ug/l	100
10) Iodomethane	2.723	142	182607	15.342	ug/l	100
11) Allyl Chloride	2.922	41	230038	10.555	ug/l	100
12) Acrylonitrile	3.317	53	67309	17.447	ug/l	100
13) Acetone	2.629	43	123368	40.435	ug/l	100
14) Carbon Disulfide	2.790	76	438611	8.997	ug/l	100
15) Methylene Chloride	3.044	84	146661	6.034	ug/l	100
16) trans-1,2-Dichloroethene	3.350	96	141566	8.471	ug/l	100
17) 1,1-Dichloroethane	3.867	63	289982	10.237	ug/l	100
18) 2-Butanone	4.716	43	223958	53.298	ug/l	100
19) Cyclohexane	5.385	56	280782m	12.642	ug/l	
20) Methylcyclohexane	6.761	83	280195	11.640	ug/l	100
21) 2,2-Dichloropropane	4.665	77	243739	10.497	ug/l	100
22) cis-1,2-Dichloroethene	4.668	96	175159	9.977	ug/l	100
23) Diethyl Ether	2.378	59	111248	9.599	ug/l	100
24) tert-Butyl Alcohol	3.202	59	121030	97.049	ug/l	100
25) Methyl tert-Butyl Ether	3.369	73	363076	9.426	ug/l	100
26) Bromochloromethane	4.976	128	72670	8.510	ug/l	100
27) Chloroform	5.089	83	283940	9.576	ug/l	100
28) 1,1,1-Trichloroethane	5.317	97	257352	10.161	ug/l	100
29) 1,1-Dichloropropene	5.526	75	227184	10.600	ug/l	100
30) Carbon Tetrachloride	5.523	117	220789	10.052	ug/l	100
31) Isopropyl Ether	3.999	45	503508	12.390	ug/l	100
32) Ethyl-t-butyl ether	4.510	59	473479	12.108	ug/l	100
33) Tert-Amyl methyl ether	5.944	73	405676	11.660	ug/l	100
34) Propionitrile	4.787	54	66870	49.975	ug/l	100
35) Benzene	5.774	78	650779	10.185	ug/l	100
36) 1,2-Dichloroethane	5.796	62	177832	9.556	ug/l	100
37) Trichloroethene	6.542	130	163947	9.027	ug/l	100
38) 1,2-Dichloropropane	6.793	63	170434	10.455	ug/l	100
39) Methacrylonitrile	4.980	41	57777	11.826	ug/l	100
40) Methyl acrylate	4.851	55	92992	11.739	ug/l	100
41) Tetrahydrofuran	5.063	42	60060	21.799	ug/l	100
42) 1-Chlorobutane	5.459	56	319610	11.392	ug/l	100
43) Dibromomethane	6.919	93	82447	9.013	ug/l	100
44) Bromodichloromethane	7.108	83	206705	9.680	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070622\
 Data File : VU049634.D
 Acq On : 06 Jul 2022 11:50
 Operator : SY/MD
 Sample : VSTDICCC010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 07/07/2022
 Supervised By :Mahesh Dadoda 07/07/2022

Quant Time: Jul 07 06:19:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U070622DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Jul 07 06:16:20 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.796	43	551518	56.880	ug/l	100
46) t-1,4-Dichloro-2-butene	10.835	75	81400m	18.433	ug/l	
47) Methyl methacrylate	6.964	69	171699	22.754	ug/l	100
48) Ethyl methacrylate	8.336	69	170846	12.152	ug/l	100
49) Toluene	7.970	92	399440	10.371	ug/l	100
50) t-1,3-Dichloropropene	8.211	75	202847	10.650	ug/l	100
51) cis-1,3-Dichloropropene	7.610	75	241693	10.943	ug/l	100
52) 1,1,2-Trichloroethane	8.401	97	114751	8.915	ug/l	100
53) 1,3-Dichloropropane	8.578	76	203641	9.525	ug/l	100
54) 2-Hexanone	8.687	43	382299	55.262	ug/l	100
55) Dibromochloromethane	8.809	129	137036	8.945	ug/l	100
56) 1,2-Dibromoethane	8.925	107	111107	9.044	ug/l	100
58) Tetrachloroethene	8.552	164	136896	8.517	ug/l	100
59) Chlorobenzene	9.446	112	412992	9.231	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.536	131	148396	9.342	ug/l	100
61) Pentachloroethane	11.430	117	115167	8.762	ug/l	100
62) Hexachloroethane	12.475	117	117459	9.690	ug/l	100
63) Ethyl Benzene	9.571	91	765001	10.898	ug/l	100
64) m/p-Xylenes	9.693	106	569226	20.656	ug/l	100
65) o-Xylene	10.102	106	273469	10.343	ug/l	100
66) Styrene	10.115	104	454125	10.261	ug/l	100
67) Bromoform	10.291	173	77547	8.118	ug/l	100
69) Isopropylbenzene	10.484	105	746349	10.754	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.783	83	143317	8.668	ug/l	100
71) 1,2,3-Trichloropropane	10.828	75	109704m	8.610	ug/l	
72) Bromobenzene	10.783	156	165662	8.206	ug/l	100
73) n-propylbenzene	10.905	120	193258	9.949	ug/l	100
74) 2-Chlorotoluene	10.986	126	166311	9.085	ug/l	100
75) 1,3,5-Trimethylbenzene	11.089	105	626392	10.678	ug/l	100
76) 4-Chlorotoluene	11.098	126	165079	8.635	ug/l	100
77) tert-Butylbenzene	11.420	119	605374	10.215	ug/l	100
78) 1,2,4-Trimethylbenzene	11.468	105	631757	10.533	ug/l	100
79) sec-Butylbenzene	11.645	105	807109	10.398	ug/l	100
80) Nitrobenzene	13.208	77	30381	47.911	ug/l	100
81) p-Isopropyltoluene	11.793	119	664972	10.322	ug/l	100
82) 1,3-Dichlorobenzene	11.745	146	323257	7.997	ug/l	100
83) 1,4-Dichlorobenzene	11.835	146	315947	7.840	ug/l	100
84) n-Butylbenzene	12.208	91	640413	10.354	ug/l	100
85) 1,2-Dichlorobenzene	12.211	146	298563	7.816	ug/l	100
86) 1,2-Dibromo-3-Chloropr...	12.995	75	25609	9.596	ug/l	100
87) 1,2,4-Trichlorobenzene	13.841	180	220781	7.991	ug/l	100
88) Hexachlorobutadiene	14.021	225	112571	6.975	ug/l	100
89) Naphthalene	14.085	128	443620	10.008	ug/l	100
90) 1,2,3-Trichlorobenzene	14.330	180	204447	7.975	ug/l	100

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

